



CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CALIFORNIA

SEISMOLOGICAL LABORATORY

BULLETIN

JANUARY -- MARCH 1948

(PASADENA AND AUXILIARY STATIONS)

STATION COORDINATES

| | | Symbol |
|---------------|--------------------------------------|--------|
| Pasadena | 34°08.9' N., 118°10.3' W., h=295 m. | P, PX |
| Mt. Wilson | 34°13.5' N., 118°03.4' W., h=1742 m. | MW |
| Riverside | 33°59.6' N., 117°22.5' W., h=250 m. | R |
| Santa Barbara | 34°26.5' N., 119°42.9' W., h=100 m. | SB |
| La Jolla | 32°51.8' N., 117°15.2' W., h=7.7 m. | LJ |
| Tinemaha | 37°05.7' N., 118°15.5' W., h=1180 m. | T |
| Haiwee | 36°08.2' N., 117°57.9' W., h=1100 m. | H |
| Palomar | 33°21' N., 116°52' W., h=1700 m. | Pr |

c = compression
d = dilatation

When surface waves are not reported no such waves are observed.

Times given for Tucson and Boulder City are read from original records, lent by courtesy of the U.S. Coast and Geodetic Survey and the U.S. Reclamation Service. Times for stations associated with the University of California are readings kindly supplied by Professor Byerly or his assistants.

All times are G.C.T.

All communications should be addressed to the central station as follows:

Seismological Laboratory,
220 North San Rafael Avenue,
Pasadena, California.

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|-------|----------------|
| Jan. 1 | MW | eP | 02 | 29 | 13 | Tu eP 02 29 51 |
| | R | eP | | | 22 | |
| | T | iP | | | 12 | |
| Jan. 1 | P | eP | 13 | 11 | 53 | Tu eP 13 10 55 |
| | PX | eLN | | | 17.0 | |
| | Pr | eP | | | 11 51 | |
| | | e | | | 12 11 | |
| | | e | | | 14 02 | |
| Jan. 1 | T | e | | | 12 18 | |
| | Pr | eP | 17 | 22 | 25 | |
| | T | eP | | | 34 | |
| Jan. 1 | P | eP | 18 | 50 | 45 | |
| | MW | eP | | | 13 | |
| | R | eP | | | 19 | |
| | T | eP | 18 | 49 | 53 | |
| Jan. 1 | P | iPNZ | 20 | 29 | 23 | Tu iP 20 29 08 |
| | | e(pP) | | | 31 23 | e 31 02 |
| | PX | e(L)N | | | 54.3 | |
| | MW | iP | | | 29 25 | |
| | | e | | | 31 33 | |
| | R | iP | | | 29 22 | Deep? |
| | | e | | | 31 29 | |
| | Pr | iP | | | 29 19 | |
| | | i | | | 28 | |
| | | e | | | 31 18 | |
| | | i | | | 26 | |
| | H | iP | | | 29 36 | |
| | | e | | | 31 44 | |
| | T | iP | | | 29 42 | |
| | | i | | | 57 | |
| Jan. 2 | MW | eP | 00 | 11 | 48 | Tu eP 00 11 35 |
| | R | eP | | | 48 | e 53 |
| | Pr | iP | | | 50 | |
| | T | eP | | | 53 | |
| Jan. 2 | MW | eP | 02 | 50 | 47 | Tu iP 02 49 50 |
| | Pr | iP | | | 33 | i 50 10 |
| | | i | | | 48 | |
| | | i | | | 51 18 | |
| | T | iP | | | 50 17 | |
| | | e | | | 51 17 | |
| Jan. 2 | P | eP | 03 | 27 | 09 | Tu eP 03 27 23 |
| | | iNZ | | | 23 | i 34 |
| | MW | eP | | | 13 | |
| | | i | | | 24 | |
| | R | eP | | | 18 | |
| | Pr | eP | | | 07 | |
| | | e | | | 18 | |
| | SB | eP | | | 20 | |
| | H | iP | | | 27 | |
| | T | iP | | | 28 | |
| Jan. 2 | T | iP | 10 | 33 | 09 | Tu eP 10 33 19 |
| Jan. 2 | P | eP | 11 | 34 | 30 | Tu iP 11 33 27 |
| | R | eP | | | 25 | |
| | Pr | iP | | | 20 | |
| | | i | | | 28 | |
| | T | eP | | | 52 | |
| Jan. 2 | Pr | iP | 13 | 08 | 47 | Tu eP 13 08 42 |
| Jan. 2 | Pr | eP? | 15 | 20 | 58 | Tu eP 15 20 24 |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|--------|----|----|----|--------------------------------|
| Jan. 2 | P | eP | 15 | 26 | 27 | Tu eP 15 25 32 |
| | PX | eLE | | 36 | 3 | i 50 |
| | MW | eP | | 26 | 28 | i 30 38 |
| | R | eP | | | 22 | e 33 46 |
| | Pr | iP | | | 15 | |
| | LJ | eP | | | 16 | |
| | H | eP | | | 36 | |
| | T | iP | | | 42 | |
| Jan. 3 | P | iPNZ | 01 | 10 | 24 | Tu iP 01 10 49 d |
| | MW | iP | | | 23 | d |
| | R | iP | | | 26 | |
| | Pr | iPEZ | | | 26 | d |
| | LJ | eP | | | 24 | |
| | H | iP | | | 30 | |
| | T | iP | | | 32 | |
| Jan. 3 | P | iP | 07 | 10 | 05 | Tu eP 07 10 18 |
| | | e | | 12 | 15 | i 12 54 |
| | MW | iP | | 10 | 08 | i 13 14 |
| | R | e | | 12 | 17 | |
| | Pr | iP | | 10 | 07 | |
| | T | iP | | | 08 | |
| Jan. 3 | P | eP | 10 | 04 | 10 | Tu eP 10 04 51 |
| | MW | eP | | | 10 | e 05 07 |
| | R | iP | | | 13 | |
| | Pr | eP | | | 20 | |
| | T | iP | | | 21 | |
| Jan. 3 | R | eP | 12 | 48 | 37 | Tu eP 12 48 32 |
| | Pr | eP | | | 40 | |
| | | iP | | | 49 | |
| | | e | | | 07 | |
| Jan. 3 | T | eP | 16 | 50 | 53 | Tu iP 16 51 47 |
| Jan. 4 | MW | e | 05 | 35 | 02 | Tu eP 05 35 18 |
| | Pr | e | | | 04 | Apia reports: P=05:24:05, |
| | T | eP | | | 03 | S=05:24:27 |
| Jan. 4 | P | iPNEZ | 09 | 07 | 46 | Tu iP 09 08 09 c |
| | | ePcP | | | 08 | i 26 |
| | | ipP | | | 09 | ipP 10 18 |
| | PX | isP | | | 10 | eS 17 40 |
| | | iSNE | | | 17 | i 26 21 |
| | | iSPNZ | | | 04 | iP'P' 34 29 |
| | P | eP'P' | | | 34 | i 36 50 |
| | MW | iPNEZ | | | 07 | |
| | | iPcP | | | 08 | USCGS: 21 S. 180, O = 08:56.5, |
| | | ipP | | | 09 | h = 600 km. |
| | | isP | | | 10 | BCIS: 20 3/4 S. 178 1/2 W., |
| | | iSNEZ | | | 17 | O = 08:56:38, h = 600 km. |
| | | eP'P' | | | 34 | |
| | R | iPNEZ | | | 07 | A T |
| | | ipP | | | 09 | PZ 1 2 |
| | | iSNEZ | | | 17 | SH 13 6 |
| | Pr | eP'P' | | | 34 | |
| | | iPNEZ! | | | 07 | |
| | | iPcP | | | 08 | |
| | | ipP | | | 09 | |
| | | ipPNE | | | 58 | |
| | | isPNZ | | | 10 | |
| | | isPE | | | 11 | |
| | | iSEZ | | | 17 | |
| | | iSN! | | | 10 | |
| | | iE | | | 25 | |
| | | iSPE | | | 50 | |
| | | ez | | | 37 | 10 (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|------------------|
| Jan. 4 | LJ | iP | 09 | 07 | 45 | c (continued) |
| | | ePcP | | 08 | 03 | |
| | | epP | | 09 | 47 | |
| | | iSNE | | 17 | 03 | |
| | SB | iPNEZ | | 07 | 42 | c |
| | | ipP | | 09 | 46 | |
| | | iSNEZ | | 16 | 56 | |
| | H | epNE | | 07 | 54 | |
| | | iSNE | | 17 | 17 | |
| | T | iP | | 07 | 54 | c |
| | | iPNE | | | 55 | |
| | | i | | 08 | 37 | |
| | | ipP | | 10 | 03 | |
| | | isP | | | 56 | |
| | | iSNE | | 17 | 18 | |
| | | ip'P' | | 34 | 41 | |
| Jan. 4 | P | eP | 12 | 38 | 55 | Tu iP 12 38 20 d |
| | MW | iP | | | 54 | epP 50 |
| | R | epP | | 39 | 25 | e 39 12 |
| | | iP | | 38 | 51 | d |
| | | epP | | 39 | 22 | |
| | Pr | iP | | 38 | 47 | Andes? |
| | T | iP | | 39 | 07 | d |
| Jan. 4 | P | iP | 13 | 40 | 43 | Tu iP 13 40 39 c |
| | MW | iP | | | 43 | ipP 11 44 |
| | R | epP | | 11 | 19 | |
| | | iP | | 10 | 17 | c |
| | | epP | | 11 | 25 | |
| | Pr | iP | | 10 | 17 | c |
| | | ipP | | 11 | 22 | |
| | T | iP | | 10 | 18 | c |
| | | epP | | 11 | 20 | |
| Jan. 5 | Pr | iP | 02 | 05 | 35 | Tu iP 02 05 54 |
| | T | iP | | | 40 | |
| Jan. 5 | P | iP | 03 | 50 | 12 | Tu eP 03 50 39 |
| | | i | | | 39 | |
| | MW | eP | | | 14 | |
| | | epP | | | 33 | |
| | R | iP | | | 18 | |
| | | epP | | | 37 | |
| | | i | | | 42 | |
| | Pr | iP | | | 17 | |
| | | ipP | | | 40 | |
| | | i | | | 44 | |
| | T | eP | | | 16 | |
| | | epP | | | 35 | |
| Jan. 5 | MW | eP | 19 | 07 | 00 | |
| Jan. 6 | P | iP | 09 | 08 | 04 | Tu eP 09 07 11 |
| | MW | iP | | | 06 | i 16 |
| | | e | | | 10 | i 08 09 |
| | R | iP | | | 08 | i 10 17 |
| | | i | | | 10 | |
| | | iP | | | 46 | |
| | | e | | | 14 | |
| | Pr | iP | | | 07 | |
| | | i | | | 08 | |
| | | e | | | 19 | |
| | | e | | | 10 | |
| | | e | | | 14 | |
| | T | eP | | | 08 | |
| | | e | | | 10 | |
| | | e | | | 13 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---|------|--------|----|----|----|-------------------------------------|
| Jan. 6 | P | eP | 14 | 04 | 10 | |
| | MW | eP | | | 10 | |
| | R | eP | | | 12 | |
| | Pr | e(P) | | | 22 | |
| | T | eP | | | 09 | |
| Jan. 6 | P | iPNEZ | 17 | 28 | 43 | Tu iP 17 27 44 c |
| | PX | eSNEZ | | 33 | 14 | A T |
| | | iSNEZ | | | 24 | PZ 10 10 |
| | | eSN | | 34 | 40 | PH 5 3 1/2 |
| | MW | iP | | 28 | 43 | c SH 24 8 |
| | R | ePEZ | | | 38 | c SH 50 13 |
| | Pr | iPNEZ! | | | 30 | c M 100 15 |
| | LJ | eP | | | 30 | c |
| | SB | iP | | | 55 | Magnitude 6 3/4 |
| | H | iP | | | 54 | c USCGS: 16.5 N 98 W, |
| | T | iPNEZ | | 29 | 02 | O = 17:23.4 |
| This earthquake shows a peculiar wave-group with periods of about 3 seconds, recorded on the vertical-component instruments at the following times: Pasadena, 17:36:51, Palomar, 17:36:16, Tinemaha, 17:37:35 | | | | | | |
| Jan. 6 | P | iPNEZ | 17 | 31 | 16 | Superposed on the preceding |
| | MW | iPNEZ | | | 17 | Probably from same source. |
| | R | iP | | | 11 | A T |
| | Pr | iP | | | 01 | PZ 10 3 |
| | LJ | eP | | | 02 | PH 5 3 |
| | H | iP | | | 29 | Magnitude 7 |
| | T | iP | | | 35 | |
| Jan. 6 | MW | iP | 17 | 45 | 18 | Tu iP 17 44 20 |
| | R | iP | | | 13 | |
| | Pr | iPNEZ! | | | 05 | |
| | LJ | iP | | | 04 | |
| | SB | iP | | | 31 | |
| | H | iP | | | 29 | |
| | T | iP | | | 36 | |
| Jan. 6 | P | iP | 18 | 05 | 28 | Tu iP 18 04 32 |
| | PX | iSNEZ | | 10 | 12 | Aftershock; magnitude 6 1/2 - 6 3/4 |
| | MW | iP | | 05 | 28 | A T |
| | R | iP | | | 23 | PZ 5 3 |
| | Pr | iPNEZ | | | 16 | Short-period waves similar to |
| | LJ | iP | | | 16 | those for the earlier shock; |
| | SB | eP | | | 39 | Pasadena, 18:13:37, Riverside, |
| | H | iP | | | 40 | 18:13:22, Tinemaha, 18:14:25 |
| | T | iP | | | 46 | |
| Jan. 6 | MW | eP | 22 | 15 | 51 | Tu eP 22 15 52 |
| | Pr | eP | | | 36 | e 16 11 |
| | T | eP | | | 35 | |
| | | e | | | 53 | |
| Jan. 7 | P | iP | 21 | 02 | 44 | Tu iP 21 03 07 |
| | R | eP | | | 47 | e 32 |
| | | e | | | 07 | |
| | Pr | iP | | | 02 | |
| | T | iP | | | 55 | |
| | | e | | | 07 | |
| Jan. 8 | P | eP | 04 | 30 | 24 | |
| | R | iP | | | 50 | |
| | | eP | | | 26 | |
| | | e | | | 40 | |
| | | e | | | 51 | |
| | Pr | eP | | | 29 | |
| | T | i | | | 29 | |
| | | i | | | 49 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|------------------------------------|
| Jan. 8 | P | eP | 08 | 53 | 00 | Tu eP 08 52 05 |
| | R | eP | | | 52 | e 21 |
| | Pr | eP | | | 53 | |
| Jan. 8 | P | eP | 12 | 59 | 45 | Tu eP 12 59 43 |
| | R | eP | | | 33 | e 21 |
| | | e | | | 44 | |
| | Pr | iP | | | 34 | i 51 |
| | | e | | | 43 | e 45 |
| | T | eP | 13 | 00 | 06 | |
| | | e | | | 19 | |
| Jan. 8 | P | iP | 14 | 47 | 54 | Tu eP 14 47 52 |
| | R | eP | | | 57 | |
| | Pr | iP | | | 59 | |
| | T | iP | | | 55 | |
| Jan. 8 | P | iP | 19 | 19 | 43 | Tu iP 19 19 56 |
| | R | eP | | | 48 | |
| | Pr | iP | | | 43 | |
| | H | iP | | | 41 | |
| Jan. 8 | P | eP | 23 | 38 | 54 | Tu iP 23 37 54 |
| | R | eP | | | 48 | |
| | Pr | ePNEZ | | | 40 | |
| | | i | | | 47 | |
| | H | eP | | | 39 | |
| | T | eP | | | 41 | |
| Jan. 9 | P | iP | 02 | 17 | 48 | Tu iP 02 18 13 |
| | | ipP | | | 18 | ipP 28 |
| | R | iP | | | 17 | e 51 |
| | | ipP | | | 18 | |
| | Pr | iP | | | 17 | |
| | | ipPNZ | | | 18 | |
| | | i | | | 21 | |
| | SB | iP | 17 | 58 | | Near Apia, which reports: |
| | H | iP | | | 56 | eP 02 07 23 |
| | | ipP | | | 48 | eS 08 06 |
| | T | iP | | | 47 | |
| | | ipP | | | 18 | |
| Jan. 9 | Pr | iP | 05 | 16 | 36 | Tu eP 05 16 13 |
| | T | eP | | | 49 | |
| Jan. 9 | Pr | eP? | 08 | 15 | 05 | Tu eP 08 15 13 |
| | T | eP | | | 14 | Apia reports eP 08 04 06, 18 08 04 |
| Jan. 9 | P | iP | 09 | 10 | 22 | Tu iP 09 09 39 |
| | | ipP | | | 11 | |
| | R | iP | | | 10 | |
| | | epP | | | 11 | |
| | Pr | iP | | | 10 | Andes |
| | | ipP | | | 57 | |
| | H | eP | | | 30 | |
| | T | iP | | | 35 | |
| Jan. 9 | P | e | 15 | 10 | 43 | Tu e 15 11 08 |
| | | i | | | 11 | e 15 |
| | R | e | | | 12 | |
| | Pr | e | | | 10 | |
| | | e | | | 11 | |
| | T | e | | | 10 | |
| | | i | | | 52 | |
| Jan. 9 | P | iPEZ | 22 | 26 | 53 | Tu iP 22 27 24 d |
| | MW | ePN | | | 54 | i 41 |
| | R | iP | | | 56 | ePP 31 09 |
| | Pr | iPNEZ | | | 59 | |
| | SB | iP | | | 47 | |
| | H | iP | | | 52 | |
| | | i | | | 27 | |
| | T | iP | | | 26 | |
| | | i | | | 27 | |

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|--------|----|----|----|----------------------------|
| Jan. 10 | P | iPNEZ | 00 | 48 | 23 | Tu iP 00 49 40 |
| | PX | eLNZ | | 51 | 4 | e(S) 52 56 |
| | R | iP | | 48 | 30 | |
| | Pr | eS | | 50 | 29 | |
| | H | eP | | 48 | 39 | |
| | T | eP | | | 02 | |
| | | e | | 50 | 07 | |
| | | iP | | 47 | 57 | |
| | | i | | 48 | 16 | |
| Jan. 10 | P | iSNEZ | 05 | 49 | 37 | Tu eP 05 27 48 |
| | PX | iPNEZ | | 27 | 28 | i 28 08 |
| | | e(S)EZ | | 38 | 7 | |
| | MW | eGNE | | 49 | 3 | |
| | R | ePN | | 27 | 28 | USCGS: 20 S. 169 E., |
| | Pr | iP | | | 30 | O = 05:14.5 |
| | | iPNEZ | | | 30 | BCIS: 20 S. 173 1/4 E., |
| | | iNZ | | | 35 | O = 05:14.9 |
| | | i | | | 42 | |
| | SB | eP | | | 27 | |
| | H | iP | | | 31 | |
| | T | eP | | | 34 | |
| Jan. 10 | R | i | 09 | 37 | 36 | Tu iP 09 36 48 |
| | Pr | eP | | | 31 | |
| Jan. 11 | T | iP | 08 | 12 | 04 | Tu iP 08 11 08 |
| Jan. 11 | T | iP | 15 | 47 | 50 | Tu iP 15 48 09 |
| Jan. 12 | P | iP | 04 | 59 | 17 | Tu iP 04 58 36 c |
| | Pr | iP | | | 13 | c |
| | LJ | eP | | | 07 | |
| Jan. 12 | P | iP | 10 | 29 | 30 | Tu e 10 30 50 |
| | Pr | iP | | | 49 | |
| | LJ | iP | | | 52 | |
| | | eP | | | 54 | |
| | | eP | | | 53 | |
| Jan. 13 | P | iP | 10 | 14 | 19 | Tu eP 10 14 24 |
| | Pr | eP | | | 22 | |
| Jan. 13 | P | eP | 17 | 27 | 00 | Near Apia Tu iP 17 27 33 c |
| | T | iP | | | 52 | which reports: iP 17 23 56 |
| Jan. 13 | P | iP | 17 | 34 | 40 | Tu iP 17 35 06 d |
| | | i | | | 00 | |
| | | e | | | 20 | |
| | | e | | | 38 | |
| | MW | ePN | | | 34 | |
| | R | iP | | | 44 | d |
| | | i | | | 35 | 03 |
| | LJ | eP | | | 34 | 40 d |
| | H | iP | | | 48 | d |
| | | i | | | 58 | |
| | | i | | | 35 | 09 d |
| | T | eP | | | 34 | 50 d |
| | | i | | | 52 | |
| | | i | | | 35 | 17 |
| | | i | | | 33 | |
| Jan. 13 | P | iP | 21 | 02 | 39 | Tu iP 21 03 02 |
| | T | iP | | | 50 | d |
| Jan. 14 | P | eP | 02 | 05 | 06 | |
| | T | e(P) | | | 20 | |

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|-------|----|----|----|----------------------------------|
| Jan. 14 | P | iP | 02 | 33 | 44 | Tu eP 02 33 21 |
| | PX | iSNE | | | 58 | i 34 39 |
| | R | iLE | | | 43 | e 34 57 |
| | Pr | eP | | | 33 | e 35 36 |
| | | i | | | 51 | USCGS: 10 S. 109 W., O = 02:25.4 |
| | | eP | | | 26 | |
| | | i | | | 34 | |
| | | i | | | 40 | |
| | H | e(P) | | | 57 | A T |
| | T | eP | | | 34 | PH 1/2 3 |
| | | e | | | 15 | SH 4 9 |
| | | e | | | 21 | MH 20 20 |
| | | e | | | 55 | Magnitude about 6 1/4 |
| Jan. 15 | MW | e | 03 | 58 | 55 | Tu e(P) 03 59 29 |
| | Pr | e | | | 52 | |
| | T | e | | | 59 | |
| Jan. 15 | P | iP | 05 | 15 | 04 | Tu iP 05 15 20 c |
| | | e | | | 52 | iPP 19 24 |
| | M.W | iPP | | | 49 | New Zealand |
| | R | eP | | | 15 | VI+ at Wanganui according to |
| | Pr | iPP | | | 48 | Wellington which gives; |
| | | iP | | | 15 | 40.35 S., 175.0 E., O = 05:04.7, |
| | | iPP | | | 48 | Magnitude 5 1/2 |
| | | iPNZ | | | 15 | h = 80 km. |
| | | i | | | 28 | |
| | | iNZ | | | 18 | |
| | | e | | | 19 | |
| | LJ | eP | | | 15 | 04 c |
| | H | eP | | | 21 | |
| | T | eP | | | 22 | |
| | | e | | | 37 | |
| Jan. 15 | Pr | iPP | 10 | 19 | 15 | Tu eP 10 20 37 |
| | | eP | | | 21 | i 48 |
| Jan. 15 | P | iP | 11 | 23 | 13 | Tu iP 11 23 37 |
| | MW | iP | | | 14 | |
| | Pr | iPNEZ | | | 16 | c |
| | | e | | | 24 | |
| Jan. 15 | T | iP | 13 | 22 | 22 | Tu iP 13 22 29 d |
| | P | iP | | | 06 | |
| | MW | iP | | | 06 | |
| | Pr | iP | | | 09 | |
| | T | iP | | | 15 | |
| Jan. 16 | P | eP | 04 | 52 | 33 | Tu eP 04 51 47 |
| | | e | | | 51 | i 56 |
| | R | iP | | | 33 | i 53 13 |
| | | e | | | 53 | Andes? |
| | Pr | eP | | | 18 | |
| | | i | | | 39 | |
| Jan. 16 | T | iP | 07 | 11 | 18 | Tu iP 07 10 43 |
| | P | eP | | | 16 | |
| | MW | iP | | | 19 | |
| | | i | | | 13 | |
| | R | iP | | | 19 | |
| | T | iP | | | 29 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-----------------------|
| Jan. 16 | P | iPNEZ | 11 | 17 | 33 | c Tu iP 11 18 16 |
| | PX | ePcP | | 18 | 43 | i 19 |
| | | ePP | | 19 | 42 | i 43 |
| | | eScP | 22 | 42 | | USCGS: 52 N. 172 E., |
| | | iSN | 24 | 49 | | O = 11:08.5 |
| | | iE | 25 | 28 | | h = 100km. |
| | | eSSN | 28 | 6 | | |
| | eLN | | 31 | | | BCIS: 53 N. 176 E., |
| | MW | iP | 17 | 32 | | O = 11:08.7 |
| | | iNEZ! | | 34 | | h = 100 km. |
| | | i | | 49 | | |
| | R | eP | | 37 | | A T |
| | | i | | 41 | | PZ 1 3 |
| | | i | | 48 | | PH 1 3 |
| | | i | | 56 | | SH 2 4 |
| | Pr | iPNZ! | | 43 | | |
| | | iZ! | | 46 | | |
| | | i | | 53 | | |
| | | iSNE | 25 | 09 | | Magnitude about 6 3/4 |
| | | eN | | 25 | | |
| | LJ | iP | 17 | 43 | | |
| | SB | iP | | 26 | | |
| | H | eP | | 24 | | |
| | | i | | 27 | | |
| | | i | | 44 | | |
| | | i | | 50 | | |
| | | iPcP | 18 | 37 | | |
| | T | iP | 17 | 18 | | c |
| | | iNEZ | | 20 | | |
| | | i | | 48 | | |
| Jan. 16 | P | e | 14 | 27 | 35 | Tu eP 14 28 13 |
| | | e | | 28 | 43 | e 29 25 |
| | MW | eP | | 27 | 30 | |
| | | e | | 28 | 43 | |
| | R | e | | 27 | 47 | |
| | | e | | 28 | 49 | |
| | Pr | ePNZ | | 27 | 41 | |
| | | i | | 49 | | |
| | | i | | 28 | 53 | |
| Jan. 16 | MW | eP | 15 | 06 | 32 | Tu eP 15 07 10 |
| | R | eP | | 32 | | |
| | T | eP | | 16 | | |
| Jan. 17 | MW | eP | 00 | 45 | 32 | Tu iP 00 44 31 |
| | | e | | 38 | | 38 |
| | R | eP | | 27 | | 44 |
| | Pr | eP | | 11 | | |
| | | e | | 17 | | |
| | T | iP | | 58 | | |
| Jan. 17 | P | iP | 02 | 46 | 04 | Tu eP 02 10 24 |
| | PX | eLEZ | | 10 | 05 | e 41 |
| | | e | | 35 | 2 | |
| | MW | eP | | 10 | 04 | |
| | R | iP | | 07 | | |
| | H | iP | | 08 | | |
| | H | eP | | 13 | | |
| | T | iP | | 13 | | |
| Jan. 17 | P | eP | 03 | 46 | 02 | |
| | | e | | 09 | | |
| | MW | eP | | 03 | | |
| | | e | | 10 | | |
| | R | eP | | 05 | | |
| | | e | | 14 | | |
| | Pr | eP | | 08 | | |
| | | e | | 16 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|------|----|---------------------|
| Jan. 17 | P | eP | 07 | 23 | 48 | Tu iP 07 24 20 |
| | | iNEZ | | | 53 | i 25 |
| | | iNEZ | | 24 | 00 | i 32 |
| | | iPP | | 27 | 08 | iPP 28 09 |
| | PX | iSEZ | | 34 | 02 | |
| | | eSSE | | 39.3 | | |
| | | e | | 43.5 | | |
| | | eLE | | 49.3 | | |
| | MW | eP | | 23 | 48 | |
| | | i | | 24 | 00 | |
| | | i | | 27 | 11 | USCGS 15 N. 147 E., |
| | R | ePP | | 23 | 49 | O = 07:44.3 |
| | | eP | | 24 | 02 | |
| | | i | | 13 | | |
| | Pr | eP | | 23 | 53 | |
| | | iNEZ | | 58 | | |
| | | iNZ | | 24 | 04 | |
| | | i | | 21 | | |
| | | eSNE | | 34 | 16 | |
| | LJ | eP | | 23 | 53 | |
| | | e | | 24 | 05 | |
| | SB | eP | | 23 | 40 | |
| | | i | | 54 | | |
| | | eSE | | 33 | 57 | |
| | H | iP | | 23 | 51 | |
| | | i | | 59 | | |
| | | i | | 24 | 10 | |
| | T | eP | | 23 | 44 | |
| | | i | | 55 | | |
| | | i | | 24 | 01 | |
| | | eSNE | | 34 | 09 | |
| Jan. 17 | P | eP | 09 | 44 | 24 | Tu eP 09 43 43 |
| | MW | eP | | 24 | | |
| | R | eP | | 19 | | |
| | T | eP | | 37 | | |
| Jan. 17 | MW | eP | 17 | 14 | 42 | Tu iP 17 14 22 |
| | R | eP | | 44 | | |
| | Pr | iP | | 29 | | |
| | T | eP | | 43 | | |
| Jan. 17 | MW | iP | 17 | 29 | 45 | |
| | | e | | 30 | 01 | |
| | R | iP | | 29 | 42 | |
| | | e | | 58 | | |
| | Pr | eP | | 30 | | |
| | | e | | 48 | | |
| | T | iP | | 58 | | |
| Jan. 17 | P | eP | 17 | 30 | 13 | Tu iP 17 45 41 |
| | MW | iP | | 45 | 19 | i 43 |
| | | i | | 18 | | |
| | | i | | 20 | | |
| | | iP | | 19 | | |
| | | i | | 21 | | |
| | R | iP | | 25 | | |
| | Pr | iP | | 26 | | |
| | H | iP | | 26 | | |
| Jan. 18 | P | iP | 01 | 31 | 08 | |
| | MW | eP | | 03 | | |
| | T | eP | | 05 | | |
| Jan. 18 | MW | eP | 04 | 35 | 17 | Tu eP 04 34 29 |
| | T | eP | | 24 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|------------------------------------|
| Jan. 18 | P | eP | 13 | 52 | 42 | Tu eP 13 53 08 |
| | MW | eP | | 53 | 33 | |
| | R | eP | | 52 | 43 | BCIS: 19 S. 470 E., O = 13:40.0 |
| | Pr | iP | | 53 | 02 | |
| | T | iP | | 52 | 47 | |
| Jan. 18 | P | iP | 18 | 33 | 03 | Tu iP 18 33 23 |
| | MW | ipP | | 34 | 53 | ipP 35 16 |
| | R | iP | | 33 | 06 | |
| | Pr | epP | | 34 | 56 | |
| | T | iP | | 33 | 04 | |
| Jan. 19 | P | iP | 01 | 54 | 44 | Tu iP 01 54 51 |
| Jan. 19 | P | iP | 02 | 35 | 53 | Tu iP 02 35 20 c |
| | MW | iP | | 36 | 00 | |
| | R | iP | | 35 | 52 | |
| | Pr | iP | | 36 | 05 | |
| | LJ | eP | | 35 | 52 | |
| | H | iP | | 36 | 05 | |
| | T | iP | | 35 | 59 | |
| Jan. 19 | P | eP | 06 | 21 | 02 | Tu iP 06 20 42 |
| | Pr | epP | | 20 | 55 | e 54 |
| | T | eP | | 24 | 20 | |
| Jan. 19 | P | eP | 06 | 24 | 07 | Tu eP 06 23 46 |
| | MW | epP | | 09 | | |
| | Pr | iP | | 01 | | |
| | T | iP | | 23 | | |
| Jan. 19 | P | iP | 07 | 55 | 23 | Tu iP 07 56 09 c |
| | MW | iP | | 32 | | |
| | R | eP | | 22 | | |
| | Pr | iP | | 32 | | |
| | T | iP | | 27 | | |
| | SB | eP | | 35 | | |
| | T | iP | | 34 | | |
| | | iP | | 43 | | |
| | | iP | | 53 | | |
| | | iP | | 23 | | |
| | | iP | | 04 | | |
| | | iP | | 42 | | |
| | | iP | | 23 | | |
| Jan. 19 | T | iP | 18 | 44 | 39 | Tu eP 18 45 57 |
| Jan. 20 | P | iP | 06 | 05 | 39 | Tu iP 06 05 57 d |
| | MW | iP | | 41 | | |
| | R | iP | | 41 | | |
| | Pr | iPNZ | | 42 | | |
| | T | iP | | 48 | | |
| | | e | | 06 | 05 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|---|
| Jan. 20 | P | iP | 09 | 56 | 57 | Tu iP 09 57 13 |
| | | iNEZ | | 59 | | i 21 |
| | | ipP | | 57 | 11 | ipP 28 |
| | | i | | 23 | | iPKKP 10 14 37 |
| | | i | | 58 | 21 | |
| | | i | | 48 | | |
| | PX | ePPNZ | 10 | 00 | 24 | |
| | | e(S)N | | 07 | 56 | Depth about 60 km. |
| | | eE | | 08 | 8 | |
| | | eLNE | | 20 | 6 | USCGS: 33 S. 179 E., O = 09:44.0 |
| | MW | iP | 09 | 56 | 57 | |
| | | iNEZ | | 57 | 00 | |
| | | ipP | | 15 | | Wellington: 34 1/2 S. 177 3/4 W., O = 09:44 1/4, magnitude 6 - 6 1/2 |
| | | iPP | 10 | 00 | 27 | |
| | R | iPNEZ | 09 | 56 | 59 | d |
| | | ipP | | 57 | 16 | |
| | | i | | 58 | 21 | |
| | | iPP | 10 | 00 | 24 | |
| | Pr | iP | 09 | 56 | 59 | d |
| | | iNZ | | 57 | 02 | |
| | | ipP | | 16 | | |
| | LJ | ePNEZ | | 56 | 58 | |
| | | epP | | 57 | 12 | |
| | SB | iPNEZ | | 56 | 55 | |
| | H | iP | | 57 | 04 | |
| | | ipP | | 21 | | |
| | T | iPNEZ | | 06 | | |
| | | i | | 13 | | |
| | | ipP | | 19 | | |
| | | i | | 58 | 21 | |
| | | i | | 36 | | |
| | | ePKKP | 10 | 14 | 39 | |
| Jan. 20 | T | epP | 13 | 35 | 07 | Tu iP 13 35 14 |
| Jan. 20 | Pr | eP | 16 | 00 | 38 | Tu eP 15 59 56 |
| | | e | | 47 | | i 16 00 26 |
| | | eP | | 04 | 06 | |
| Jan. 20 | P | iPNEZ | 20 | 28 | 19 | Tu iP 20 28 43 c |
| | | ipP | | 29 | 51 | i 51 |
| | PX | e | | 30 | 42 | ipP 30 18 |
| | | i | | 31 | 22 | e 33 46 |
| | MW | iPNEZ | | 28 | 20 | c |
| | | iPcP | | 30 | | |
| | | ipP | | 29 | 56 | |
| | | e | | 31 | 46 | |
| | R | iPNEZ | | 28 | 22 | c |
| | | ipP | | 29 | 56 | |
| | | e | | 31 | 26 | |
| | Pr | iPNEZ | | 28 | 21 | c |
| | | ipP | | 29 | 55 | |
| | | i | | 31 | 25 | |
| | LJ | iPNEZ | | 28 | 16 | c |
| | | ipP | | 29 | 50 | |
| | SB | iPNEZ | | 28 | 14 | c |
| | | ipP | | 29 | 51 | |
| | H | iP | | 28 | 25 | c |
| | | ipP | | 30 | 02 | |
| | T | iPNEZ | | 28 | 28 | c |
| | | ipP | | 30 | 06 | |

Wellington: 34 1/2 S. 177 3/4 W.,
O = 09:44 1/4, magnitude 6 - 6 1/2

A T
PZ 1 1/2 1 1/2
PH 1 1 1/2
MH 15 20

Magnitude about 7

P extremely sharp and short-period
at all these stations

Apia reports

eP 20 19 06
S 20 34

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|------------------|
| Jan. 21 | MW | eP | 03 | 35 | 37 | Tu eP? 03 35 14 |
| | Pr | eP | | | 52 | e 25 |
| | T | eP | | | 38 | |
| | | eP | | | 48 | |
| Jan. 21 | P | iP | 17 | 00 | 34 | Tu iP 17 00 05 |
| | MW | eP | | | 30 | e 14 |
| | | eP | | | 34 | |
| | R | iP | | | 31 | |
| | Pr | iP | | | 31 | |
| | T | eP | | | 39 | |
| | | iP | | | 43 | |
| Jan. 21 | P | iP | 18 | 28 | 13 | Tu iP 18 27 24 |
| | | iP | | | 45 | i 44 |
| | | eP | | | 30 | i 48 |
| | MW | eP | 28 | 13 | 22 | i 28 12 |
| | | eP | | | 09 | i 29 13 |
| | R | iP | | | 28 | |
| | SB | eP | | | 24 | |
| | H | iP | | | 22 | |
| | T | iP | | | 30 | |
| | | iP | | | 01 | |
| Jan. 21 | P | iP | 22 | 07 | 01 | Tu iP 22 06 47 |
| | | iP | | | 34 | i 42 56 |
| | MW | iP | | | 01 | |
| | R | eP | | | 00 | |
| | Pr | iP | 06 | 54 | | |
| | SB | eP | 07 | 06 | | |
| | H | eP | | | 13 | |
| | T | iP | | | 19 | |
| Jan. 22 | P | iP | 11 | 47 | 30 | Tu iP 11 47 47 |
| | R | iP | | | 32 | |
| | Pr | iP | | | 32 | |
| | T | iP | | | 41 | |
| | | eP | | | 05 | |
| Jan. 22 | P | iPNEZ | 13 | 07 | 44 | Tu iP 13 08 40 |
| | | iPP | | | 10 | i 27 |
| | MW | iP | 07 | 45 | | e 40 15 |
| | | iNEZ! | | | 47 | ePP 11 08 |
| | | ePP | 10 | 50 | | |
| | R | iP | 07 | 48 | | |
| | Pr | iPP | 10 | 53 | | |
| | | iPNEZ! | 07 | 48 | | |
| | | i | 09 | 50 | | |
| | | iPP | 10 | 51 | | |
| | LJ | eP | 07 | 47 | | |
| | SB | iP | | | 41 | |
| | H | iP | | | 51 | |
| | T | iP | | | 53 | |
| Jan. 22 | P | iPNEZ | 14 | 07 | 14 | Tu iP 14 07 36 d |
| | | iPcP | | | 21 | iP 08 13 |
| | | iPP | | | 49 | i 48 |
| | | i | 08 | 05 | | i 40 11 |
| | PX | eS | 16 | 53 | | iS 17 47 |
| | | iSNE | 17 | 04 | | iPKKP 25 56 |
| | | eSSN | 22 | 3 | | iP'P' 34 08 |
| | | eSSSE | 25 | 6 | | |
| | | eGNE | 28 | 7 | | |

USCGS: 11 N., 66 W.,
O = 18:09.1

Addendum: Pr iPNEZ 18 28 04
Tu iP 22 06 47
i 42 56

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|--|
| Jan. 22 | P | eP'P' | 14 | 34 | 13 | (continued) |
| | | epP'P' | | | 49 | |
| | MW | iPNEZ | 07 | 14 | d | USCGS: 22 S. 175 W., O = 13:55.3, h = 450 km |
| | | iPP | | | 51 | |
| | R | ePNEZ | 08 | 46 | | BCIS: 22 1/4 S. 177 W., O = 13:55.3, h = 450 km |
| | | iPNEZ | 07 | 17 | d | |
| | | i | | | 38 | |
| | | iPP | | | 54 | Apia reports. |
| | | iSNEZ | 17 | 11 | | P 13 57 36 |
| | | iP'P' | 34 | 21 | | S 59 12 |
| | | eP | | | 48 | |
| | Pr | iPNEZ! | 07 | 16 | d | A T |
| | | i | | | 24 | PZ 1 1/2 1 1/2 |
| | | i | | | 42 | PH 3/4 1 |
| | | iPPNZ! | | | 51 | pPZ 3 3 |
| | | i | 08 | 08 | | SH 9 9 |
| | | eSE | 17 | 08 | | |
| | | iSN | | | 11 | Magnitude about 7 |
| | | eP'P' | 34 | 10 | | |
| | | i | | | 54 | |
| | | i | | | 37 | |
| | LJ | iPNEZ | 07 | 14 | d | |
| | | iPPNEZ | | | 48 | |
| | | iSNE | 17 | 04 | | |
| | SB | iPNEZ | 07 | 10 | d | |
| | | iPP | | | 48 | |
| | | iSNEZ | 16 | 59 | | |
| | H | iPNEZ | 07 | 20 | d | |
| | | i | | | 30 | |
| | | iPP | | | 59 | |
| | | eSN | 17 | 21 | | |
| | | eP'P' | 34 | 03 | | |
| | | e | | | 51 | |
| | T | iPNEZ | 07 | 23 | d | |
| | | iPP | | | 08 | |
| | | iSNEZ | 17 | 25 | | |
| | | eP'P' | 33 | 56 | | |
| Jan. 22 | P | iP | 20 | 21 | 45 | Tu iP 20 21 15 c |
| | | i | | | 58 | i 25 |
| | | i | | | 22 | i 32 |
| | MW | iP | 21 | 46 | c | |
| | | i | | | 55 | |
| | R | iP | | | 42 | c |
| | | i | | | 52 | |
| | | i | | | 58 | |
| | Pr | iP | | | 39 | c |
| | | iPP | | | 56 | |
| | | i | 22 | 06 | | Andes |
| | LJ | eP | 21 | 39 | c | |
| | SB | iP | | | 57 | c |
| | H | iP | | | 54 | c |
| | T | iPNEZ | | | 58 | c |
| | | i | 22 | 11 | | |
| | | i | | | 15 | |
| Jan. 22 | P | iP | 21 | 00 | 51 | Tu eP 21 01 36 |
| | | iPP | | | 01 | epP 50 |
| | MW | iP | 00 | 52 | c | |
| | | iPP | | | 01 | |
| | | iP | 00 | 54 | | |
| | R | iP | | | 01 | |
| | Pr | iP | 00 | 57 | | |
| | | iPP | 01 | 13 | | |
| | LJ | e | | | 12 | |

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|-------|----|----|----|----------------|
| Jan. 23 | P | iP | 18 | 06 | 40 | Tu iP 18 06 27 |
| | MW | eP | | | 40 | |
| | Pr | iP | | | 33 | |
| | T | iP | | | 59 | |
| Jan. 23 | P | iP | 19 | 53 | 24 | |
| | | i | | | 35 | |
| | MW | iP | | | 25 | |
| | | i | | | 34 | |
| Jan. 24 | P | eP | 02 | 59 | 20 | Tu iP 02 58 54 |
| | | iEZ | | | 37 | i 59 03 |
| | | iSN | 03 | 00 | 46 | |
| | MW | iP | 02 | 59 | 24 | i(S) 50 |
| | | i | | | 35 | |
| | R | iP | | | 11 | |
| | | i | | | 29 | |
| | | i | 03 | 00 | 11 | |
| | Pr | iP | 02 | 59 | 40 | |
| | | iEZ | | | 26 | |
| | | eSN | | | 59 | |
| | | i | 03 | 00 | 01 | |
| | SB | eP | 02 | 59 | 51 | |
| | | i | 03 | 00 | 01 | |
| | T | eP | 02 | 59 | 20 | |
| | | i | | | 34 | |
| | | iSEZ | | | 42 | |
| Jan. 24 | Pr | iP | 07 | 24 | 25 | Tu iP 07 23 42 |
| | | i | | | 33 | i 24 05 |
| | T | eP | | | 52 | |
| Jan. 24 | T | eP | 08 | 05 | 59 | Tu e 08 05 25 |
| | | | | | | e 06 10 |
| Jan. 24 | MW | eP | 11 | 09 | 42 | Tu eP 11 10 14 |
| | Pr | iP | | | 37 | e 24 |
| | | e | | | 46 | |
| | T | eP | | | 09 | |
| | | e | | | 25 | |
| Jan. 24 | P | eP | 12 | 35 | 55 | Tu eP 12 36 30 |
| | MW | eP | | | 58 | e 44 |
| | R | iP | | | 36 | |
| | Pr | iP | | | 04 | |
| | T | iP | | | 35 | |
| Jan. 24 | P | iP | 15 | 10 | 43 | Tu eP 15 11 24 |
| | MW | eP | | | 45 | e 40 |
| | R | iP | | | 47 | e 12 53 |
| | | i | | | 11 | |
| | | i | | | 03 | |
| | Pr | iP | | | 10 | |
| | | i | | | 11 | |
| | | i | | | 27 | |
| | T | eP | | | 10 | |
| | | e | | | 39 | |
| Jan. 24 | PX | iP | 18 | 00 | 59 | Tu eP 18 01 27 |
| | | e | | | 04 | i 06 27 |
| | | iPPE | | | 05 | iPKKP 16 06 |
| | | iPP | | | 30 | |
| | | iSKS | 11 | 31 | | |
| | | iSN | 13 | 2 | | |
| | | iPS | 14 | 40 | | |
| | P | ePKKP | 16 | 43 | | |
| | | i | 17 | 02 | | |
| | PX | iSSNE | 20 | 0 | | |
| | | iGNE | 30 | 3 | | |

(continued)

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|--------|----|----|----|--------------------------|
| Jan. 24 | MW | e(P) | 18 | 01 | 04 | (continued) |
| | | e | | | 04 | |
| | | ePKKP | | | 16 | |
| | R | eP | | | 01 | |
| | | e | | | 04 | |
| | | e | | | 50 | |
| | | ePKKP | 16 | 31 | | Destructive, Philippines |
| | | e | | | 46 | Magnitude about 8 |
| | Pr | eP | 18 | 00 | 57 | USCGS: 40N, 122 E., |
| | | i | | | 01 | O = 17:46.6 |
| | | e | | | 04 | |
| | | i | | | 56 | BCIS: 9 5 N, 122.4 E., |
| | | ePKKP | 16 | 32 | | O = 17:46:37 |
| | SB | e(P) | 00 | 59 | | |
| | | eN | 11 | 27 | | P A T |
| | T | eP | 00 | 59 | | PPH 30 20 |
| | | iPP | 04 | 34 | | PFZ 30 20 |
| | | e SN | 11 | 42 | | SH 30 20 |
| | | iPKKP | 16 | 46 | | GH 700 55 |
| | | | | | | MH 600 20 |
| Jan. 24 | P | iPNEZ | 23 | 13 | 09 | Tu iP 23 12 10 d |
| | | i | | | 22 | i 27 |
| | | i | | | 28 | i 34 |
| | | iPcP | 16 | 56 | | i 13 47 |
| | MW | iP | 13 | 10 | | i 14 25 |
| | | i | | | 31 | |
| | R | iPNEZ | | | 04 | |
| | | i | | | 17 | |
| | | iPcP | 16 | 54 | | USCGS: 19 N, 98 W., |
| | | i | 17 | 11 | | O = 23:08.1 |
| | Pr | iPNZ | 12 | 57 | | |
| | | i(p)EZ | 13 | 15 | | JSA: 17.8 N, 98.7 W., |
| | | ePcP | 17 | 00 | | O = 23:08:04 |
| | LJ | eP | 12 | 56 | | h = 100 km. |
| | | e | 13 | 17 | | |
| | SB | iP | | | 22 | |
| | | i | | | 29 | |
| | | i | | | 43 | |
| | H | ePN | | | 22 | |
| | | eN | | | 47 | |
| | T | iPNZ | | | 28 | |
| | | i | | | 49 | |
| | | iPcP | 16 | 59 | | |
| | | i | 17 | 17 | | |
| Jan. 25 | MW | eP | 06 | 12 | 28 | Tu e 06 16 50 |
| | | e | | | 15 | e 17 38 |
| | T | eP | | | 12 | Philippines |
| | | e | | | 15 | |
| | | e | | | 30 | |
| Jan. 25 | MW | iP | 13 | 57 | 45 | |
| | R | iP | | | 47 | |
| | Pr | iP | | | 50 | |
| | T | eP | | | 46 | |
| Jan. 26 | MW | eP | 09 | 13 | 09 | Tu eP 09 13 09 |
| | | e | | | 32 | e 18 |
| | R | eP | | | 09 | |
| | | e | | | 15 | |
| Jan. 26 | P | e(P) | 14 | 29 | 05 | |
| | PX | eLN | | | 54 | |
| | MW | eP | | | 28 | Philippines? |
| | | e | | | 29 | |
| | | e | | | 13 | |
| | R | i(P) | | | 05 | USCGS: 10 N, 122 E., |
| | | e | | | 38 | O = 14:10.8 |
| | T | e(P) | | | 17 | |

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|--------|----|----|----|------------------|
| Jan. 26 | P | iP | 19 | 01 | 24 | Tu iP 19 02 33 |
| | | i | | | 49 | i 37 |
| | | i | | 03 | 42 | i 03 05 |
| | | i | | | 53 | i 48 |
| | MW | iP | | 01 | 24 | i 06 04 |
| | | i | | | 44 | |
| | | i | | | 52 | |
| | | i | | 04 | 57 | |
| | Pr | iP | | 01 | 36 | |
| | | iNEZ | | | 41 | |
| | | i | | 02 | 04 | |
| | | iEZ | | | 41 | |
| | | i | | 05 | 09 | |
| | T | iP | | 00 | 57 | |
| | | i | | 01 | 26 | |
| | | i | | 04 | 23 | |
| Jan. 26 | Pr | iP | 19 | 59 | 31 | Tu iP 20 00 24 |
| | | iNEZ | | | 34 | i 34 |
| Jan. 26 | Pr | iPNZ | 20 | 33 | 46 | Tu iP 20 34 43 |
| Jan. 27 | P | iP | 12 | 09 | 27 | Tu iP 12 09 50 d |
| | | i | | | 30 | i 57 |
| | | iNEZ! | | | 44 | ipP 12 10 |
| | | ipP | | 11 | 40 | iS 19 26 |
| | | i | | 12 | 25 | iPKKP 28 04 |
| | | i (sP) | | | 45 | iP'P' 36 24 |
| | PX | esPPE | | 15 | 20 | i 38 39 |
| | | eSN | | 18 | 36 | |
| | | iSNE! | | | 46 | |
| | | iNEZ | | 19 | 08 | |
| | | i | | | 37 | |
| | | eSSE | | 24 | 1 | |
| | | eSSNZ | | 27 | 1 | |
| | P | eP'P' | | 36 | 34 | |
| | | i | | 38 | 53 | |
| | MW | iPNEZ | | 09 | 28 | d |
| | | i | | | 36 | |
| | | ipP | | 11 | 46 | |
| | | i (sP) | | 12 | 48 | |
| | | eSN | | 13 | 41 | |
| | | iSNE | | | 48 | |
| | | eP'P' | | 36 | 22 | |
| | | i | | 38 | 56 | |
| | R | iP | | 09 | 29 | d |
| | | iNEZ | | | 37 | |
| | | ipP | | 11 | 43 | |
| | | eSNE | | 18 | 43 | |
| | | iSNEZ | | | 56 | |
| | Pr | iPEZ | | 09 | 30 | d |
| | | iEZ! | | | 38 | |
| | | ipP! | | 11 | 45 | |
| | | i | | 12 | 34 | |
| | | i | | | 56 | |
| | | iSEZ | | 18 | 54 | |
| | | iP'P' | | 36 | 28 | |
| | | i | | 38 | 49 | |
| | LJ | eP | | 09 | 30 | |
| | | iNEZ | | | 34 | |
| | | ipP | | 11 | 46 | |
| | | iSNE | | 18 | 47 | |
| | SB | iNEZ | | 09 | 28 | d |
| | | ipP | | 11 | 34 | |
| | | iSNE | | 18 | 40 | |

(continued)

USCGS: 20 S. 178 W.,
O = 11:58.3
h = 600 km.

A T
PZ 3 1 1/2
PH 4 2 1/2
SH 30 10

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|-------|----|----|----|------------------|
| Jan. 27 | H | ePN | 12 | 09 | 38 | (continued) |
| | | iNE | | | 42 | |
| | | eSNE | | 18 | 55 | |
| | T | iP | | 09 | 36 | d |
| | | i | | | 42 | |
| | | ipP | | 11 | 58 | |
| | | i | | 12 | 55 | |
| | | eSNEZ | | 18 | 57 | |
| | | iSNEZ | | 19 | 07 | |
| Jan. 27 | MW | iP | 14 | 03 | 49 | Tu iP 14 04 12 |
| | R | iP | | | 54 | |
| | Pr | iP | | | 51 | |
| Jan. 28 | P | iP | 00 | 18 | 18 | Tu iP 00 18 36 |
| | MW | iP | | | 19 | i 19 09 |
| | R | iP | | | 19 | |
| | T | iP | | | 24 | |
| Jan. 28 | P | eP | 04 | 01 | 49 | Tu i 04 06 04 |
| | | e | | 02 | 38 | e 53 |
| | | e | | 05 | 42 | ePKKP 16 40 |
| | | iPP | | | 53 | |
| | | i | | 06 | 21 | |
| | PX | iSE | | 13 | 18 | |
| | | e | | 15 | 36 | |
| | | i | | 16 | 07 | |
| | | e | | 19 | 25 | |
| | | i | | 24 | 41 | |
| | | eGN | | 25 | 8 | |
| | | eP | | 31 | 9 | |
| | MW | iP | | 01 | 49 | |
| | | i | | 06 | 22 | |
| | R | eP | | 01 | 52 | |
| | | i | | 06 | 27 | |
| | T | iP | | 01 | 45 | |
| | | e | | 05 | 57 | |
| | | i | | 06 | 08 | |
| Jan. 28 | P | i | 16 | 10 | 08 | Tu e 16 10 02 |
| | | i | | | 23 | i 11 05 |
| | MW | i | | 09 | 36 | |
| | | e | | 10 | 21 | |
| | Pr | i | | 09 | 14 | |
| | | e | | | 40 | |
| | T | e | | | 41 | |
| | | i | | 10 | 16 | |
| Jan. 28 | Pr | eP | 18 | 55 | 13 | Tu iP 18 54 28 |
| | | e | | | 25 | i 41 |
| | | eP | | | 40 | |
| | | e | | | 50 | |
| Jan. 28 | MW | eP | 20 | 36 | 40 | Tu eP 20 37 31 |
| | Pr | i | | 37 | 46 | |
| | T | eP | | 36 | 11 | |
| Jan. 28 | MW | eP | 22 | 27 | 36 | Tu iP 22 28 26 |
| | Pr | i | | | 51 | |
| | T | iP | | | 09 | |
| Jan. 28 | T | eP | 22 | 58 | 19 | Tu eP 22 59 53 |
| Jan. 29 | P | iP | 03 | 57 | 59 | Tu iP 03 57 19 d |
| | | i | | 58 | 07 | i 25 |
| | | i | | | 32 | i 53 |
| | MW | iP | | | 00 | |
| | | i | | | 07 | |
| | | i | | | 29 | |
| | R | iP | | 57 | 56 | |
| | | i | | 58 | 24 | |
| | | i | | | 38 | |

(continued)

Philippines

USCGS: 10 N, 122 E.,
O = 03:47.2

A T
SH 1 1/2 3
MH 2 20

USCGS: 38 N, 68 E.,
O = 15:51.3

BCIS: 36 1/2 N, 68 E.,
O = 15:51.3

Andes

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-----------------|
| Jan. 29 | Pr | iP | 03 | 57 | 51 | (continued) |
| | | i | | 58 | 43 | |
| | | i | | | 22 | |
| | T | iP | | | 13 | d |
| | | i | | | 25 | |
| | | i | | | 43 | |
| Jan. 29 | R | eP | 10 | 13 | 13 | Tu eP 10 12 27 |
| | | e | | | 21 | |
| | Pr | eP? | 12 | 53 | | |
| | | e | | | 13 | 18 |
| | | eP | | | 32 | |
| Jan. 29 | T | eP | 13 | 27 | 37 | Tu iP 13 28 08 |
| | P | eP | | | 37 | |
| | MW | eP | | | 38 | |
| | R | eP | | | 45 | |
| | Pr | iP | | | 13 | |
| | T | iP | | | 13 | |
| Jan. 29 | MW | eP | 19 | 03 | 40 | Tu eP 19 04 22 |
| | | e | | | 04 | 09 |
| | R | eP | | | 44 | |
| | | e | | | 51 | |
| | T | eP | | | 03 | 49 |
| | | e | | | 27 | |
| Jan. 30 | P | eP | 03 | 08 | 08 | Tu iP 03 07 55 |
| | | i | | | 52 | |
| | PX | iLNZ | | | 27 | 6 |
| | MW | eP | | | 08 | 06 |
| | | i | | | 12 | |
| | | i | | | 54 | |
| | R | eP | | | 06 | |
| | | i | | | 20 | |
| | Pr | iP | | | 10 | |
| | H | eP | | | 24 | |
| | T | iP | | | 29 | |
| Jan. 30 | MW | eP | 06 | 46 | 12 | Tu eP 06 47 02 |
| | | e | | | 32 | 12 |
| | | e | | | 51 | |
| | R | e | | | 36 | |
| | Pr | eP | | | 12 | |
| | H | eP | | | 16 | |
| | T | eP | | | 45 | 59 |
| Jan. 30 | P | e | 09 | 03 | 54 | Tu eP 09 02 50 |
| | | e | | | 04 | 32 |
| | | e | | | 04 | 14 |
| | PX | eNZ | | | 14 | 07 |
| | | eL | | | 52 | 4 |
| | MW | e | | | 02 | 42 |
| | | e | | | 04 | 12 |
| | Pr | e(P) | | | 03 | 13 |
| | | e | | | 04 | 27 |
| | H | e | | | 02 | 44 |
| | T | e | | | 42 | |
| Jan. 30 | MW | eP | 12 | 54 | 38 | Tu eP? 12 55 31 |
| | R | eP | | | 38 | 43 |
| | Pr | iP | | | 54 | |
| | H | eP | | | 31 | |
| | T | iP | | | 23 | |

USCGS: 28 S, 113 W,

O = 02:57.7

USCGS: 24 N, 64 E.,

O = 08:43.6

BCIS: 25 N, 65 E.,

O = 08:43.8

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|------------------|
| Feb. 1 | P | iP | 16 | 56 | 41 | Tu iP 16 57 12 c |
| | | i | | | 51 | 28 |
| | MW | iP | | | 43 | 36 |
| | | i | | | 51 | |
| | R | iP | | | 44 | |
| | | i | | | 54 | c |
| | | i | | | 54 | c |
| Feb. 1 | Pr | iP | 20 | 40 | 31 | Tu iP 20 40 47 |
| | P | iP | | | 37 | 50 |
| | | i | | | 43 | 56 |
| | MW | iP | | | 32 | |
| | | i | | | 39 | |
| | | i | | | 47 | |
| | R | iP | | | 31 | |
| | | i | | | 40 | |
| | | i | | | 47 | |
| | | i | | | 39 | |
| Feb. 1 | Pr | eP | 21 | 42 | 25 | Tu iP 21 42 42 |
| Feb. 1 | R | iP | 23 | 55 | 20 | Tu iP 23 55 42 |
| | MW | iP | | | 22 | 57 27 |
| | | e | | | 56 | 42 |
| Feb. 2 | P | e(P) | 05 | 42 | 20 | Tu eP 05 41 34 |
| | MW | eP | | | 16 | 57 |
| | R | eP | | | 10 | |
| | Pr | iP | | | 06 | c |
| | | i | | | 11 | |
| | | i | | | 54 | |
| Feb. 2 | Pr | iP | 06 | 31 | 45 | Tu eP 06 31 53 |
| Feb. 3 | P | eP | 00 | 40 | 11 | Tu iP 00 40 32 |
| | | i | | | 40 | 59 |
| | | i | | | 41 | 08 |
| | PX | eLNE | 01 | 03 | 09 | |
| | MW | iP | 00 | 40 | 09 | |
| | | i | | | 37 | |
| | R | iP | | | 13 | |
| | | i | | | 39 | |
| | Pr | iP | | | 11 | |
| | SB | eP? | | | 03 | |
| | | i | | | 19 | |
| | | e | | | 19 | |
| Feb. 3 | H | iPEZ | 06 | 23 | 06 | |
| | P | iP | | | 02 | |
| | MW | i | | | 04 | |
| | | i | | | 14 | |
| | R | iP | | | 11 | |
| | | i | | | 13 | |
| | | i | | | 12 | |
| Feb. 3 | Pr | iPNEZ | 11 | 53 | 29 | Tu iP 11 53 53 |
| | P | i | | | 41 | 54 05 |
| | MW | iP | | | 34 | |
| | | i | | | 42 | |
| | R | iP | | | 32 | |
| | | i | | | 44 | |
| | Pr | iP | | | 32 | |
| | | i | | | 35 | |
| | LJ | eP | | | 35 | |
| | SB | iP | | | 27 | |
| | | i | | | 39 | |
| | H | eN | | | 40 | |

Near Apia, which reports:

P 00 31 15

S? 32 07

Small surface waves recorded at Pasadena

Near Apia, which reports:

eP? 03 02 34

S? 03 36

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|----------------|
| Feb. 4 | P | eP | 02 | 23 | 41 | Tu eP 02 24 22 |
| | | e | | 24 | 44 | |
| | PX | eLZ | | 32 | 7 | |
| | MW | eP | | 23 | 42 | |
| | Pr | eP | | | 52 | |
| | T | eP | | | 19 | |
| Feb. 4 | P | iP | 03 | 12 | 21 | Tu iP 03 12 45 |
| | | i | | | 32 | i 45 |
| | MW | iP | | | 23 | |
| | | i | | | 31 | |
| | | i | | | 42 | |
| | Pr | iP | | | 24 | |
| | | i | | | 35 | |
| | | i | | | 43 | |
| | LJ | eP | | | 21 | |
| | | e | | | 40 | |
| | SB | iP | | | 16 | |
| | | i | | | 25 | |
| | H | iP | | | 31 | |
| | | i | | | 40 | |
| | T | iP | | | 33 | |
| | | i | | | 43 | |
| Feb. 4 | P | eP | 05 | 03 | 53 | Tu eP 05 04 06 |
| | | e | | 04 | 03 | |
| | MW | eP | | 03 | 54 | |
| | | e | | 04 | 03 | |
| | Pr | eP | | 03 | 57 | |
| | T | eP | | | 57 | |
| Feb. 4 | MW | iP | 10 | 49 | 17 | Tu iP 10 49 44 |
| | | i | | | 20 | i 44 |
| | Pr | iP | | | 19 | |
| | | i | | | 22 | |
| | T | iP | | | 25 | |
| Feb. 5 | T | eP | 21 | 09 | 26 | Tu eP 21 09 46 |
| Feb. 6 | P | iP | 04 | 45 | 49 | Tu iP 04 46 23 |
| | | ipP | | | 46 | ipP 47 15 |
| | | iSNE | | | 56 | |
| | R | iP | | | 45 | |
| | | ipP | | | 46 | |
| | Pr | iP | | | 45 | |
| | | ipP | | | 46 | |
| | LJ | epP | | | 44 | |
| | SB | iP | | | 45 | |
| | | ipP | | | 46 | |
| | H | iPNEZ | | | 45 | |
| | | ipP | | | 46 | |
| | T | iPNEZ | | | 45 | |
| | | ipP | | | 46 | |
| | | eSE | | | 56 | |
| Feb. 6 | T | iP | 06 | 06 | 52 | Tu iP 06 07 07 |
| | | e | | 07 | 13 | i 32 |
| Feb. 6 | R | eP | 06 | 26 | 32 | Tu iP 06 27 03 |
| | T | iP | | | 21 | |
| Feb. 6 | P | iP | 13 | 15 | 09 | Tu iP 13 16 14 |
| | | i | | | 17 | |
| | | i(S)E | | | 57 | |
| | MW | ePNE | | | 09 | |
| | R | iPNEZ | | | 11 | |
| | | i | | | 21 | |
| | | e(S) | | | 59 | |

Near Apia, which reports:

eP? 03 02 34
S? 03 36

CMO: 20 N. 145 E.

CMO: 38 N. 141.5 E.

37.2 N. 117.9 W.,
O = 13:14:13
Magnitude 4.2

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|----------|----|----|----|------------------|
| Feb. 6 | Pr | iP | 1 | 15 | 21 | (continued) |
| | SB | iP | | | 18 | |
| | | iS | | | 54 | |
| | H | iPZ | | | 39 | d |
| | | iSNEZ | | | 58 | |
| | T | iPNEZ | | | 26 | c |
| | | iSN | | | 31 | |
| Feb. 6 | T | eP | 21 | 20 | 38 | Tu eP 21 21 34 |
| Feb. 7 | Pr | iP | 19 | 19 | 46 | Tu iP 19 19 58 |
| | T | iP | | | 41 | |
| Feb. 7 | Pr | iP | 20 | 43 | 21 | Tu iP 20 42 40 c |
| Feb. 9 | P | iP | 13 | 12 | 18 | Tu iP 13 12 42 |
| | PX | ipPNZ | | | 46 | |
| | | iSKSNEZ | | | 22 | |
| | | eSE | | | 23 | |
| | | ipSEZ | | | 25 | |
| | | ePPSZ | | | 26 | |
| | | ipKKP | | | 28 | |
| | P | eL | | | 47 | |
| | PX | iP | | | 42 | |
| | R | iNZ | | | 25 | |
| | | ipKKP | | | 28 | |
| | Pr | iP | | | 12 | d |
| | | i | | | 26 | |
| | | ipP | | | 16 | |
| | | i | | | 17 | |
| | | i | | | 25 | |
| | | ipKKP | | | 28 | |
| | | i | | | 32 | |
| | | e | | | 32 | |
| | LJ | eNE | | | 23 | |
| | | iN | | | 25 | |
| | SB | iP | | | 12 | |
| | H | iPNEZ | | | 12 | d |
| | | i | | | 28 | |
| | T | iP | | | 12 | d |
| | | ipP | | | 16 | |
| | | eE | | | 22 | |
| | | ipKKP | | | 28 | |
| Feb. 9 | P | iP | 15 | 09 | 01 | Tu iP 15 12 59 |
| | | i | | | 15 | |
| | | iPNEZ | | | 12 | |
| | | i (PP)EZ | | | 13 | |
| | | i | | | 14 | |
| | | i (PPP) | | | 16 | |
| | PX | eSKSE | | | 19 | |
| | P | ePKKP | | | 23 | |
| | R | eP | | | 09 | |
| | | i | | | 10 | |
| | | iP | | | 12 | |
| | | i | | | 13 | |
| | | i | | | 16 | |
| | | ipKKP | | | 23 | |
| | Pr | eP | | | 09 | |
| | | i (pP) | | | 33 | |
| | | iP | | | 12 | |
| | | i | | | 13 | |
| | | i | | | 24 | |
| | | i | | | 41 | |
| | | ipKKP | | | 23 | |
| | | e(SKKP) | | | 26 | |

BCIS: 35.4 N. 27.2 E.
O = 12:58:13

Destructive on Karpathos

A T
PPH 1/2 2 1/2
MH 60 20

Magnitude about 7 1/4

Near Halmahera

(continued)

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|-------|----|----|----|-----------------------|
| Feb. 9 | H | eP | 15 | 09 | 07 | (continued) |
| | | iP | | 12 | 48 | A T |
| | | i | | 13 | 36 | PPZ 1 1/2 2 |
| | | ePKKP | | 23 | 35 | PPZ 1/2 1 1/2 |
| | T | iP | | 08 | 53 | Magnitude 7? |
| | | iP | | 12 | 46 | |
| | | ePKKP | | 23 | 08 | |
| | | | | | 43 | |
| Feb. 10 | T | iP | 00 | 02 | 28 | Tu eP 00 03 15 |
| Feb. 10 | P | iP | 03 | 08 | 51 | Tu iP 03 09 36 |
| | Pr | iP | | 09 | 04 | |
| | T | iP | | 08 | 37 | |
| Feb. 10 | P | iPNEZ | 03 | 30 | 02 | Tu iP 03 31 20 |
| | | iS | | 29 | 29 | Fresno (courtesy of |
| | MW | iPN | | 01 | 01 | Mr. J. E. Meeker) |
| | R | iPNEZ | | 08 | d | iP 03 29 47 |
| | | iSNE | | 37 | | iS 30 00 |
| | Pr | iPEZ | | 18 | | |
| | SB | iPND | | 00 | | 36° 05' N, 118° 48' W |
| | | iSE | | 24 | | O = 03:29:28 |
| | H | iPNEZ | | 29 | c | Magnitude 4.6 |
| | | iSNE | | 52 | | |
| | T | iPNEZ | | 49 | d | |
| | | iSN | | 30 | | |
| Feb. 11 | T | iP | 10 | 40 | 12 | Tu iP 10 39 29 |
| Feb. 11 | P | iP | 15 | 48 | 44 | Tu iP 15 49 20 |
| | PX | eLN | | 57 | 8 | |
| | MW | ePN | | 48 | 44 | USCGS: 64 N, 147 W |
| | Pr | iP | | 54 | | O = 15:41 9 |
| | T | eP | | 21 | | |
| Feb. 13 | P | iP | 00 | 28 | 04 | Tu i 00 28 34 |
| | Pr | i | | 09 | | |
| | Pr | i | | 11 | | |
| | T | iP? | | 26 | 16 | |
| | | i | | 28 | 16 | |
| Feb. 13 | P | e | 05 | 15 | 33 | Tu e 05 16 12 |
| | | e | | 16 | 12 | e 26 58 |
| | PX | eLEZ | | 39 | | BCIS: 35 1/2 N, 82 E |
| | R | e | | 15 | 39 | O = 04:56:58 |
| | H | e | | 52 | | |
| | T | e | | 32 | | Magnitude 6.1/2 |
| | | e | | 43 | | |
| | | e | | 27 | 13 | |
| Feb. 13 | T | iP | 06 | 30 | 00 | |
| | | e | | 27 | | |
| Feb. 13 | T | iP | 15 | 42 | 56 | Tu iP 15 43 11 |
| Feb. 14 | P | iP | 00 | 54 | 50 | Tu iP 00 55 14 |
| | | e | | 55 | 04 | e 24 |
| | PX | eL | 01 | 23 | | |
| | R | eP | 00 | 54 | 53 | |
| | Pr | iP | | 54 | 54 | |
| | H | e | | 58 | | |
| | T | iP | | 57 | | |
| Feb. 14 | Pr | iP | 01 | 43 | 50 | Tu iP 01 44 24 |
| Feb. 14 | P | iP | 06 | 27 | 45 | Tu iP 06 28 13 |
| | | ipP | | 30 | 05 | ipP 30 34 |
| | R | eP | | 27 | 48 | |
| | | epP | | 30 | 10 | |
| | Pr | iP | | 27 | 49 | |
| | | i | | 54 | | |
| | | ipP | | 30 | 12 | |
| | T | eP | | 27 | 50 | |
| | | ipP | | 30 | 13 | |

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|-------|----|----|----|-----------------------|
| Feb. 14 | P | iP | 09 | 16 | 19 | Tu iP 09 16 43 c |
| | R | iP | | | 21 | |
| | Pr | iP | | | 21 | c |
| | H | eP | | | 25 | |
| | T | iP | | | 27 | |
| Feb. 14 | Pr | i(P) | 10 | 33 | 15 | Tu eP 10 33 39 |
| | | i | | | 23 | |
| | T | eP | | | 19 | |
| Feb. 14 | P | iPNEZ | 11 | 04 | 02 | Tu iP 11 03 20 c |
| | | ipP | | 06 | 09 | ipP 05 45 |
| | P | iSE | | 13 | 15 | e 46 29 |
| | P | eP:P | | 33 | 29 | |
| | | e | | 46 | 10 | USCGS: 27 1/2 S, 63 W |
| | MW | iPNE | | 04 | 01 | O = 10:52.7 |
| | R | iPEZ | | 03 | 59 | h = 600 km |
| | | ipP | | 06 | 06 | |
| | | i | | 07 | 27 | |
| | Pr | iP | | 03 | 55 | c |
| | | ipP | | 06 | 01 | A T |
| | | e | | 46 | 10 | PZ 1 1 |
| | LJ | iP | | 03 | 54 | PH 3/4 1 |
| | SB | iPnez | | 04 | 08 | SH 3/4 3 |
| | H | iPNEZ | | 09 | 09 | |
| | | eSE | | 13 | 28 | |
| | T | iPNEZ | | 04 | 13 | c |
| | | ipP | | 06 | 21 | |
| | | isP | | 07 | 45 | |
| | | eP:P | | 33 | 17 | |
| | | e | | 46 | 13 | |
| Feb. 14 | P | eP | 12 | 07 | 04 | Tu iP 12 07 35 |
| | | i | | 29 | | i 08 54 |
| | R | eP? | | 06 | 06 | i 12 12 |
| | | e | | 12 | | |
| | Pr | eP | | 06 | 06 | |
| | SB | eP | | 06 | 57 | |
| | H | eP | | 07 | 00 | |
| | T | eP | | 06 | 57 | |
| | | i | | 07 | 03 | |
| | | i | | 22 | | |
| Feb. 14 | P | iP | 13 | 28 | 11 | Tu iP 13 28 37 |
| | R | eP | | | 13 | i 51 |
| | Pr | iP | | | 14 | |
| | T | eP | | | 18 | |
| Feb. 14 | P | eP | 13 | 33 | 50 | Tu iP 13 34 18 |
| | PX | eL | | 57 | | e 32 |
| | R | eP | | 33 | 53 | d |
| | Pr | iP | | | 53 | d |
| | SB | eP | | | 44 | |
| | H | eP | | | 52 | |
| | T | eP | | | 56 | d |
| Feb. 14 | P | i | 14 | 18 | 44 | Tu e(P) 14 15 55 |
| | | e | | 20 | 14 | |
| | | i | | 18 | 47 | |
| | R | e | | 20 | 22 | |
| | | e(P) | | 15 | 25 | Two shocks? |
| | Pr | e | | 18 | 41 | |
| | | e? | | 15 | 34 | |
| | | e | | 18 | 45 | |
| | | e | | 20 | 20 | |

| Pasadena and auxiliary stations 1948 | | | | Page 26 | |
|--------------------------------------|------|-------|------------|---------|---------------------|
| Date | Sta. | Phase | h m s | Remarks | |
| Feb. 14 | T | eP | 16 16 14 | | |
| Feb. 14 | P | iP | 22 09 02 | Tu. | eP 22 09 38 |
| | MW | ePNE | 02 | | |
| | R | iP | 06 | | USCGS: 64 N. 147 W. |
| | SB | eP | 08 58 | | O = 22:02.2 |
| | H | eP | 50 | | |
| | T | eP | 41 | | |
| Feb. 14 | P | iP | 22 10 25 | Tu | iP 22 09 40 |
| | PX | iSNE | 18 24 | | |
| | MW | ePN | 10 30 | | USCGS: 9 S. 78 W. |
| | R | iP | 20 | | O 22:00.5 |
| | Pr | iP | 15 | | |
| | LJ | iPNZ | 18 | | |
| | SB | eP | 32 | | |
| | H | iP | 33 | | |
| | T | iPEZ | 40 | | |
| Feb. 15 | P | eP | 00 39 44 | Tu | iP 00 39 00 |
| | | i | 50 | | 04 c |
| | | e | 41 32 | | |
| | MW | ePN | 39 43 | | |
| | R | eP | 37 | | |
| | | i | 42 | | |
| | Pr | iP | 37 | | |
| | SB | eP | 58 | | |
| | H | eP | 54 | | |
| | T | iP | 59 c | | |
| | | i | 40 06 | | |
| Feb. 15 | Pr | iP | 03 40 37 | Tu | eP 03 40 55 |
| | T | eP | 43 | | |
| Feb. 15 | P | iP | 04 06 36 | Tu | iP 04 07 19 d |
| | | i | 44 | | 13 19 |
| | MW | ePN | 37 | | |
| | R | iP | 49 d | | |
| | | i | 58 | | |
| | Pr | iP | 47 d | | |
| | | i | 57 | | |
| | | e | 13 00 | | |
| | LJ | iP | 06 49 | | |
| | SB | eP | 29 | | |
| | H | iP | 23 | | |
| | | i | 32 | | |
| | T | iP | 16 d | | |
| | | e | 09 11 | | |
| | | e | 12 52 | | |
| Feb. 15 | P | iPNEZ | 15 14 06 c | Tu | iP 15 14 38 c |
| | | ipP | 58 | | 15 27 |
| | MW | ePNE | 07 | | |
| | R | iPEZ | 09 c | | |
| | | ipP | 15 00 | | |
| | | e | 18 | | |
| | Pr | iP | 14 12 c | | |
| | | ipP | 15 04 | | |
| | LJ | iP | 14 11 | | CMO: 24 N. 142 E |
| | | epPNZ | 15 03 | | |
| | SB | iPNEZ | 14 01 c | | |
| | | ipP | 52 | | |
| | H | iPNEZ | 03 | | |
| | | ipP | 56 | | |
| | T | iPNEZ | 02 c | | |
| | | ipP | 54 | | |
| | | i | 15 19 | | |

| Pasadena and auxiliary stations 1948 | | | | Page 27 | |
|--------------------------------------|------|-------|------------|---------|---------------|
| Date | Sta. | Phase | h m s | Remarks | |
| Feb 15 | R | eP | 21 18 56 | Tu | eP 21 18 24 |
| | | e | 23 28 | | e 22 57 |
| | | e | 24 03 | | |
| | Pr | eP | 18 55 | | Two shocks? |
| | | e | 23 28 | | |
| | | e | 24 02 | | |
| | T | e? | 19 13 | | |
| | | e | 24 04 | | |
| Feb. 16 | T | iP | 00 20 30 | Tu | iP 00 21 30 |
| | | i | 39 | | 39 |
| Feb. 16 | R | eP | 00 43 38 | Tu | iP 00 44 07 |
| | Pr | eP | 35 | | |
| | T | iP | 11 | | |
| | | e | 44 10 | | |
| Feb. 16 | R | eP | 05 21 33 | Tu | eP 05 21 49 |
| | Pr | iP | 32 | | |
| | T | eP | 40 | | |
| Feb. 16 | P | iP | 07 25 52 c | Tu | iP 07 26 37 c |
| | R | iP | 55 | | 27 42 |
| | | e | 26 15 | | 31 |
| | Pr | iP! | 02 c | | |
| | | ipP | 38 | | |
| | | i | 55 | | |
| | LJ | iPNE | 04 | | |
| | H | iP | 43 | | |
| | T | iPEZ | 38 c | | |
| Feb. 16 | P | iP | 17 42 49 | Tu | eP 17 42 35 |
| | R | iP | 48 | | |
| | Pr | eP | 44 | | |
| | T | iP | 43 09 | | |
| Feb. 16 | P | iP | 22 45 42 c | Tu | iP 22 45 16 c |
| | | i | 59 | | |
| | MW | iP | 47 c | | |
| | R | iP | 44 | | |
| | | i | 56 | | |
| | T | iP | 46 00 | | |
| Feb. 17 | P | iP | 00 09 27 | Tu | iP 00 10 08 c |
| | | i | 40 | | 20 |
| | MW | iP | 28 c | | |
| | R | iP | 31 c | | |
| | | i | 44 | | |
| | Pr | iP | 38 | | |
| | T | iPEZ | 14 c | | |
| | | i | 27 | | |
| Feb. 17 | P | iPNEZ | 06 03 45 | Tu | eP 06 04 51 |
| | | i | 51 | | 05 12 |
| | | iSEZ | 05 27 | | |
| | MW | iP | 03 45 | | |
| | | i | 59 | | |
| | R | iP | 52 | | |
| | | i | 04 00 | | |
| | Pr | iP | 03 | | |
| | SB | eP | 03 39 | | |
| | H | iP | 30 | | |
| | T | eP | 17 | | |
| | | i | 28 | | |
| | | i(S) | 04 46 | | |
| Feb 17 | P | eP | 11 44 03 | Tu | eP 11 44 44 |
| | MW | eP | 01 | | |
| | T | eP | 43 46 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|-------|------------------------|
| Feb. 17 | P | iP | 14 | 04 | 35 | Tu iP 14 05 00 |
| | MW | iP | | | 36 | |
| | R | iP | | | 38 | |
| | T | iP | | | 45 | |
| Feb. 17 | P | iP | 20 | 13 | 46 | Near Tu eP 20 14 19 |
| | MW | ep | | | 45 | Guam, which reports: |
| | R | ep | | | 48 | P 20 01 42 |
| | T | ep | | | 42 | S 02 08 |
| Feb. 18 | P | ep | 06 | 30 | 01 | Tu eP 06 29 54 |
| | MW | ep | | | 02 | |
| | R | ep | | | 03 | |
| | Pr | iP | | | 01 | |
| | LJ | ep | | | 11 | |
| | H | ep | | | 00 | |
| Feb. 18 | MW | iP | 06 | 41 | 40 | Tu iP 06 40 56 |
| | Pr | iP | | | 41 | Part of the preceding? |
| | T | iP | | | 34 | |
| Feb. 18 | P | iP | 15 | 02 | 54 | Tu iP 15 03 26 |
| | MW | e | | | 03 06 | |
| | R | iP | | | 02 54 | |
| | Pr | e | | | 08 | |
| | LJ | iP | | | 00 | |
| | SB | e | | | 11 | |
| | H | ep | | | 01 | |
| | T | ep | | | 02 47 | |
| | | ep | | | 53 | |
| Feb. 18 | P | iP | 20 | 40 | 18 | Tu iP 20 40 29 |
| | PX | i | | | 42 18 | i 21 09 39 |
| | | ePP | | | 51 | eP:P 21 09 40 |
| | | eN | | | 43 40 | |
| | | iSNE | | | 48 50 | |
| | | eSSNE | | | 52 51 | |
| | | eN | | | 53 51 | |
| | | eLEZ | | | 57 | |
| | P | iP:P | 21 | 09 | 10 | USCGS: 8:2 N. 43 E., |
| | MW | iP | 20 | 40 | 17 | O = 20:29.8 |
| | | eSNE | | | 48 50 | |
| | R | iP:P | 21 | 09 | 26 | BCIS: 82.3 N. 43 E., |
| | | iP | 20 | 40 | 18 | O = 20:29:48 |
| | | iP:P | 21 | 09 | 16 | |
| | | i | | | 25 | |
| | Pr | iPEZ | 20 | 40 | 23 | Magnitude 6 3/4 |
| | | i | | | 33 | |
| | | i | | | 45 | |
| | | eP:P | 21 | 09 | 15 | |
| | | i | | | 27 | |
| | LJ | ep | 20 | 40 | 27 | |
| | SB | ep | | | 17 | |
| | H | eSE | | | 48 50 | |
| | | iP | | | 40 05 | |
| | T | eSN | | | 48 31 | |
| | | iP | | | 40 00 | |
| | | eSNE | | | 48 18 | |
| | | eP:P | 21 | 10 | 00 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|-------|----------------------------|
| Feb. 19 | P | iPNEZ | 08 | 27 | 16 | Tu iP 08 28 34 |
| | | iSNEZ | | | 28 55 | i 44 |
| | MW | iP | | | 27 16 | |
| | | i | | | 25 | |
| | | iS | | | 28 53 | |
| | R | iP | | | 27 22 | Felt at Eureka, California |
| | | i | | | 29 | Magnitude 5 |
| | Pr | ePEZ | | | 33 | |
| | SB | ep | | | 02 | |
| | | i | | | 06 | |
| | | eS | | | 28 27 | |
| | H | ep | | | 26 59 | |
| | | eSN | | | 28 47 | |
| | T | ep | | | 26 47 | |
| | | iSNE | | | 28 15 | |
| Feb. 19 | MW | iP | 09 | 59 | 43 | Tu iP 10 00 06 |
| | Pr | iP | | | 46 | i 01 10 |
| | T | iP | | | 50 | |
| Feb. 19 | P | iP | 10 | 09 | 25 | Tu iP 10 08 34 c |
| | | iPPr | | | 40 | iP 46 |
| | | iPcP | | | 42 17 | i 12 03 |
| | MW | iP | | | 09 25 | eScP 16 11 |
| | | iP | | | 39 | |
| | | i | | | 10 02 | |
| | | epcP | | | 42 17 | |
| | R | iP | | | 09 19 | |
| | | iP | | | 35 | |
| | | i | | | 45 | |
| | | iPcP | | | 42 15 | |
| | Pr | iPEZ | 09 | 13 | | c |
| | | iPPEZ | | | 28 | |
| | | iPcP | | | 42 12 | |
| | H | iP | | | 09 32 | |
| | | iP | | | 47 | |
| | | iPcP | | | 12 20 | |
| | T | iP | | | 09 39 | c |
| | | iPcP | | | 12 22 | |
| | | epPcP | | | 37 | |
| | | eScP | | | 16 06 | |
| | | e | | | 35 | |
| Feb. 19 | R | ep | 10 | 44 | 13 | Tu iP 10 44 29 |
| | T | ep | | | 00 | |
| Feb. 19 | MW | e | 18 | 48 | 31 | |
| | R | e | | | 21 | |
| Feb. 19 | MW | ep | 21 | 37 | 25 | Tu iP 21 37 48 |
| | T | ep | | | 34 | |
| Feb. 19 | P | i | 22 | 17 | 10 | Tu e 22 17 22 |
| | | e | | | 28 | i 20 53 |
| | | i | | | 20 29 | |
| | | iP | | | 17 11 | |
| | MW | ep | | | 11 | |
| | R | i | | | 20 31 | |
| | T | e | | | 17 09 | |
| Feb. 20 | P | iP | 01 | 32 | 29 | Tu iP 01 31 44 c |
| | MW | iP | | | 29 | |
| | R | iP | | | 25 | |
| | Pr | iP | | | 19 | |
| | T | iP | | | 43 | |
| Feb. 20 | P | iP | 01 | 35 | 50 | Tu iP 01 35 04 |
| | MW | iP | | | 49 | |
| | R | iP | | | 45 | |
| | Pr | iP | | | 39 | |
| | T | iP | | | 36 03 | |
| | | i | | | 37 04 | |

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|--------|----|----|-------|---------------------------|
| Feb. 20 | P | iP | 06 | 07 | 05 | Tu iP 06 07 46 |
| | MW | iP | | | 06 | |
| | R | eP | | | 10 | |
| | Pr | iP | | | 14 | |
| | T | iP | | | 06 43 | |
| | | i | | | 07 19 | |
| Feb. 22 | P | iP | 11 | 24 | 14 | Tu iP 11 24 39 c |
| | MW | iP | | | 14 | Near Apia, which reports: |
| | Pr | iP | | | 16 | |
| | T | iP | | | 24 | |
| | | i | | | 25 32 | |
| Feb. 23 | P | iP | 09 | 39 | 00 | Tu i 09 55 51 |
| | PX | eLEZ | 10 | 09 | 3 | |
| | R | iP | 09 | 39 | 03 | |
| | T | iP | | | 04 | |
| Feb. 24 | R | eP | 02 | 41 | 38 | Tu eP? 02 41 45 |
| | | e(L) | | | 44 44 | |
| | T | eP | | | 41 13 | |
| | | i | | | 31 | |
| Feb. 24 | P | eSNE | 08 | 15 | 39 | Tu eP 16 16 47 |
| | | iP | | | 44 | |
| | | iNEZ! | | | 16 02 | |
| | MW | iSNE! | | | 15 40 | d |
| | | iPEZ! | | | 16 03 | |
| | R | iSNE | | | 15 41 | d |
| | | iPNEZ | | | 16 03 | |
| | Pr | iSE | | | 15 39 | d |
| | LJ | iPNEZ! | | | 32 | d |
| | | iNE | | | 36 | |
| | SB | iPNEZ! | | | 46 | c |
| | | i! | | | 51 | |
| | H | iSNE | | | 16 12 | Magnitude 5.3 |
| | | iPNZ! | | | 09 | |
| | T | iSN | | | 17 04 | |
| | | iP | | | 16 21 | |
| | | iNEZ | | | 23 | |
| Feb. 25 | P | ipPEZ | 15 | 17 | 42 | Tu eP 15 17 25 |
| | MW | eP | | | 00 | |
| | | ipP | | | 44 | |
| | R | eP | | | 03 | |
| | | ipP | | | 46 | |
| | Pr | iP | | | 03 | |
| | | ipPNEZ | | | 47 | |
| | SB | epP | | | 43 | |
| | H | ipP | | | 47 | |
| | T | eP | | | 05 | |
| | | ipP | | | 48 | |
| Feb. 26 | P | iP | 12 | 43 | 46 | Tu iP 12 43 48 |
| | MW | eP | | | 18 | |
| | R | iP | | | 24 | |
| | Pr | iP | | | 29 | |
| | T | iP | | | 34 | |
| Feb. 26 | Pr | iP | 12 | 55 | 59 | Tu iP 12 55 19 |
| | T | iP | | | 56 20 | |
| Feb. 26 | T | iP | 19 | 32 | 32 | |
| Feb. 26 | T | eP | 23 | 03 | 12 | Tu eP 23 02 08 |
| Feb. 27 | MW | eP | 02 | 25 | 43 | Tu iP 02 25 33 |
| | R | iP | | | 41 | |
| | Pr | eP | | | 41 | |
| | T | iP | | | 48 | |

| Date | Sta | Phase | h | m | s | Remarks |
|---------|-----|--------|----|----|-------|----------------------------|
| Feb. 27 | P | iPNEZ | 06 | 22 | 05 | d Tu eP 06 23 13 |
| | | i! | | | 09 | i 16 |
| | MW | iSN! | | | 33 | |
| | | iP! | | | 06 | d |
| | R | iSNE | | | 28 | |
| | | iPNEZ! | | | 08 | d |
| | | iSNE | | | 31 | 32.2 N. 118.9 W., |
| | Pr | iPNEZ! | | | 05 | O = 06:21:31 |
| | LJ | iPZ | 21 | 57 | | Magnitude 4.9 |
| | | iSNE | 22 | 13 | | |
| | SB | iP | | | 12 | d |
| | | iSN | | | 39 | |
| | H | iPNEZ | | | 35 | |
| | T | iP | | | 48 | |
| Feb. 28 | P | iPNEZ | 02 | 03 | 00 | Tu iP 02 03 43 |
| | PX | iSNEZ | | | 07 05 | |
| | | i(I)E | | | 08 05 | |
| | MW | iP | | | 03 00 | USCGS: 53 1/2 N. 133 W., |
| | R | iP | | | 04 | O = 01:58.1 |
| | Pr | iP | | | 13 | |
| | LJ | eP | | | 15 | |
| | SB | iP | 02 | 53 | | PZ 3 3 |
| | H | iP | | | 44 | PH 3 4 |
| | T | iP | | | 34 | SH 18 10 |
| | | eSE | 06 | 22 | | MH 40 20 |
| | | | | | | MH 30 10 |
| Feb. 28 | P | iP | 08 | 08 | 50 | about 6 1/2 Tu iP 08 08 08 |
| | MW | iP | | | 50 | d |
| | R | iP | | | 46 | |
| | Pr | iP | | | 43 | |
| | T | iP | | | 02 | |
| Feb. 29 | P | iP | 04 | 45 | 21 | Tu iP 04 46 05 |
| | | i | | | 31 | |
| | MW | iP | | | 19 | |
| | | i | | | 29 | |
| | R | eP | | | 26 | |
| | | i | | | 34 | |
| | Pr | iP | | | 34 | |
| | | i | | | 42 | |
| | SB | eP | | | 21 | |
| | H | eP | | | 03 | |
| | T | iP | | | 44 56 | |
| | | i | | | 45 10 | |
| March 1 | PX | eP | 01 | 27 | 07 | Tu eP? 01 27 40 |
| | P | i | | | 31 02 | i 31 15 |
| | PX | iPPEZ | | | 52 | i 29 |
| | | iSKSNE | | | 37 47 | i 32 30 |
| | | iE | | | 38 46 | e(PS) 42 30 |
| | | i(S)NE | | | 39 30 | |
| | | iPSNEZ | | | 41 09 | |
| | | iSSN | | | 47 2 | |
| | | e LN | | | 58 1 | A T |
| | MW | eP | | | 27 13 | PZ 4 16 |
| | | i | | | 31 03 | PPZ 8 8 |
| | R | eP | | | 27 12 | PPH 20 20 |
| | | e | | | 30 47 | MH 130 20 |
| | | iPP | | | 31 49 | |
| | Pr | iP | | | 27 21 | Magnitude 7 1/2 - 7 3/4 |
| | | e | | | 31 01 | |
| | | iPPNEZ | | | 53 | |
| | | iSKSNE | | | 37 56 | |
| | | ePSE | | | 41 22 | |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|------------------------------------|
| March 1 | LJ | ePP | 01 | 31 | 56 | (continued) |
| | | iSKSNE | | 38 | 23 | BCIS: 4 1/4 S. 127 1/2 E., |
| | H | eP | | 27 | 20 | O = 01:12:28 |
| | | e | | 31 | 03 | Batavia: 3.1 S. 128.2 E., |
| | | iPP | | | 50 | Felt, Moluccas |
| | T | eP | | 27 | 07 | |
| | | i | | | 32 | |
| | | e | | 30 | 40 | |
| March 1 | P | iPP | | 31 | 48 | |
| | | iPNEZ | 08 | 12 | 25 | Tu i 08 13 42 |
| | | iSN | | | 33 | i 52 |
| | MW | iPNEZ | | | 23 | d |
| | | iSNE | | | 30 | 34° 10' N. 117° 32' W., |
| | R | iPEZ | | | 19 | d |
| | | iSNE | | | 23 | O = 08:12:13 |
| | Pr | iPNEZ | | | 33 | d |
| | LJ | iPNEZ | | | 38 | d |
| | | iSNE | | | 58 | Slight damage (VI) at a few points |
| | SB | iP | | | 45 | within 20 km; felt over a wide |
| | | iSEZ | | | 13 | d |
| | H | iPNZ | | | 12 | d |
| | | iEZ | | | 49 | extending to the coast and into |
| | | iSNE | | | 13 | d |
| | T | iPNZ | | | 12 | d |
| | | iNEZ | | | 13 | d |
| | | iSE | | | 44 | Mojave Desert. |
| March 1 | P | iP | 14 | 11 | 33 | Tu iP 14 10 56 |
| | MW | iP | | | 34 | dd |
| | R | iP | | | 29 | dd |
| | | i | | | 47 | |
| | Pr | iP | | | 24 | |
| | H | eP | | | 41 | |
| | T | iP | | | 46 | d |
| March 2 | MW | iP | 02 | 58 | 48 | Tu iP 02 58 05 |
| | R | iP | | | 43 | |
| | Pr | iP | | | 39 | |
| | T | eP | | | 59 | 01 |
| March 2 | P | eP | 08 | 59 | 55 | Tu eP 08 59 35 |
| | R | eP | | | 52 | |
| | Pr | eP | | | 52 | |
| | T | eP | | | 43 | |
| March 3 | P | iPP | 02 | 36 | 06 | Tu iP 02 34 41 |
| | MW | iP | | | 35 | 19 |
| | | iPP | | | 36 | 04 |
| | R | iP | | | 35 | 21 |
| | | iPP | | | 58 | |
| | Pr | iP | | | 17 | |
| | | iPP | | | 56 | |
| March 3 | MW | iP | 04 | 12 | 46 | Tu iP 04 12 12 |
| | | iPP | | | 13 | 14 |
| | R | iP | | | 12 | 46 |
| | | iPP | | | 13 | 12 |
| March 3 | PX | iP | 09 | 24 | 00 | Tu e(P) 09 24 42 |
| | | ePP | | | 27 | 47 |
| | | iSKSE | | | 34 | 43 |
| | | eSN | | | 35 | 8 |
| | | ePSN | | | 37 | 5 |
| | | e | | | 38 | 19 |
| | | i | | | 39 | 05 |
| | | eSSE | | | 43 | 0 |
| | | eSSSN | | | 47 | 0 |
| | | eGN | | | 52 | |
| | | iGNE | | | 53 | 0 |
| | | eG2N | 10 | 57 | | |
| | | | | | | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|--------------------------|
| March 3 | MW | iP | 09 | 24 | 03 | (continued) |
| | | ePP | | | 27 | 23 |
| | | ePKKP | | | 40 | 11 |
| | R | eP | | | 24 | 15 |
| | | e | | | 40 | 17 |
| | Pr | iP | | | 24 | 07 |
| | | i | | | | 38 |
| | | i | | | 27 | 34 |
| | | i | | | 28 | 24 |
| | | iPKKP | | | 39 | 59 |
| | T | iP | | | 23 | 55 |
| | | ePP | | | 27 | 11 |
| March 3 | R | iP | 22 | 19 | 06 | Tu iP 22 18 46 |
| | | i | | | 11 | 52 |
| March 4 | P | iPNEZ | 02 | 03 | 15 | Tu iP 02 02 34 c |
| | | i | | | 38 | 43 |
| | | iEZ | | | 04 | 00 |
| | PX | iSNE | | | 11 | 35 |
| | | eN | | | 12 | 48 |
| | | iE | | | 42 | |
| | MW | iPNEZ | 03 | 16 | 06 | c |
| | | i | | | 37 | |
| | | i | | | 57 | |
| | R | iP | | | 08 | c |
| | | i | | | 28 | |
| | | i | | | 49 | |
| | Pr | iPNEZ | | | 06 | c |
| | | i | | | 13 | |
| | | i | | | 34 | |
| | | i | | | 49 | |
| | LJ | ePNZ | | | 07 | |
| | SB | iP | | | 30 | |
| | | i | | | 04 | 03 |
| | | i | | | 21 | |
| | | i | | | 23 | |
| | H | eP | | | 03 | 29 |
| | T | iPNEZ | | | 03 | 29 |
| | | i | | | 41 | |
| | | i | | | 04 | 08 |
| March 4 | MW | eP? | 06 | 00 | 08 | Tu iP 06 00 33 |
| | T | eP | | | 02 | |
| March 4 | T | iP | 06 | 54 | 27 | Tu iP 06 54 29 |
| March 5 | T | iP | 02 | 01 | 33 | Tu iP 02 02 17 |
| March 5 | P | iP | 10 | 12 | 43 | |
| | MW | iP | | | 44 | |
| | R | iP | | | 47 | |
| | T | iP | | | 36 | |
| March 5 | P | iP | 12 | 46 | 39 | Tu iP 12 47 05 |
| | MW | iP | | | 40 | |
| | T | iP | | | 49 | |
| March 5 | MW | iP | 16 | 00 | 53 | Near Apia, which reports |
| | R | iP | | | 48 | |
| | T | iP | | | 01 | 06 |
| March 6 | P | i | 04 | 56 | 43 | Tu eP 04 56 49 |
| | MW | e(P) | | | 32 | |
| | | i | | | 43 | |
| | | i | | | 35 | |
| | R | eP? | | | 45 | |
| | | i | | | 47 | |
| | H | e | | | 33 | |
| | | e(P) | | | 37 | |
| | | i | | | 47 | |

USCGS: 18 N. 119 E.,
O = 09:09.9

A T
PPZ 3 3
GH 60 50
MH 12 20
Magnitude 6 3/4

USCGS: 10 S. 75 W.,
O = 01:53.1

Tu iP 12 47 05
Near Apia, which reports
iP 12 36 04, iS 12 36 41

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|-------|--------------------------------|
| March 6 | P | iP | 05 | 34 | 34 | Tu iP 05 33 52 |
| | MW | iP | | | 34 | |
| | R | eP | | | 30 | |
| | T | iP | | | 46 | |
| March 6 | P | iPNEZ | 13 | 58 | 01 | Tu iP 13 58 25 |
| | MW | iP | | | 01 | |
| | | e | | | 58 | |
| | | e | 14 | 00 | 54 | Deep Near Apia, which reports: |
| | R | iP | 13 | 58 | 02 | 13 48 54 |
| | SB | iP | | | 09 | S 50 46 |
| | H | iP | | | 07 | |
| | T | iPNEZ | | | 09 | |
| March 6 | P | iP | 14 | 08 | 45 | Tu iP 14 09 10 |
| | MW | iP | | | 46 | |
| | T | iP | | | 54 | |
| March 6 | P | iP | 18 | 28 | 15 | Tu iP 18 28 40 |
| | MW | iP | | | 16 | |
| March 7 | P | iP | 05 | 34 | 56 | Tu iP 05 32 28 |
| | MW | iP | | | 32 08 | |
| | R | iP | | | 31 58 | |
| | | iP | | | 32 09 | |
| | SB | iP | | | 00 | |
| | | iP | | | 08 | |
| | T | iP | | | 58 | |
| | | iP | | | 52 | |
| March 7 | P | iP | 11 | 23 | 42 | Tu iP 11 24 06 |
| | MW | iP | | | 43 | |
| | R | iP | | | 45 | |
| | T | iP | | | 52 | |
| March 7 | P | e | 17 | 09 | 40 | Tu e(P) 17 10 30 |
| | | e | | | 46 | |
| March 7 | P | e | 18 | 31 | 08 | Tu i 18 31 52 |
| | | e | | | 13 | |
| | MW | e | | | 16 | |
| | T | e | | | 30 | |
| | | e | | | 49 | |
| | | iP | | | 56 | |
| March 7 | P | iP | 18 | 35 | 47 | Tu iP 18 36 12 d |
| | MW | iP | | | 48 | |
| | R | iP | | | 51 | |
| | T | iP | | | 56 | |
| March 7 | P | iPNEZ | 19 | 00 | 09 | Tu iP 19 00 47 |
| | PX | iPPEZ | | | 25 | |
| | | iSEZ | | | 08 10 | |
| | | eL | | | 17.6 | |
| | MW | iPNEZ | | | 00 40 | |
| | R | iP | | | 26 | USCGS: 54 N. 161 E., |
| | | iP | | | 13 | O = 18:50.2 |
| | LJ | iP | | | 29 | |
| | | e(P) | | | 23 | A T |
| | SB | iP | | | 36 | SH 2 7 |
| | H | iP | | | 18 | |
| | | iP | | | 01 | |
| | T | iP | | | 16 | |
| | | iP | 18 | 59 | 56 | |
| | | iP | 19 | 00 | 13 | |
| March 7 | T | eP | 19 | 23 | 04 | Tu eP 19 23 56 |
| | | e | | | 19 | |
| | | e | | | 24 11 | |
| March 7 | MW | iP | 20 | 08 | 25 | Tu iP 20 09 02 |
| | | e | | | 38 | |
| | T | iP | | | 40 | |
| | | e | | | 24 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|--------|----|----|-------|---------------------|
| March 8 | P | eP | 02 | 31 | 36 | Tu iP 02 31 02 |
| | MW | eP | | | 34 | |
| | R | iP | | | 34 | 09 |
| | H | iP | | | 43 | 22 |
| | T | iP | | | 47 | |
| March 8 | P | iP | 11 | 14 | 27 | Tu iP 11 14 51 |
| | MW | iP | | | 27 | |
| | R | iP | | | 29 | |
| | H | iP | | | 32 | |
| | T | iP | | | 34 | |
| March 8 | P | eP | 11 | 24 | 09 | Tu iP 11 24 32 |
| | MW | eP | | | 10 | |
| | R | eP | | | 12 | 41 |
| | H | eP | | | 15 | 50 |
| | T | eP | | | 17 | |
| March 8 | P | iP | 14 | 43 | 20 | Tu iP 14 43 45 |
| | MW | iP | | | 20 | |
| | T | eP | | | 42 53 | |
| | | i | | | 43 07 | |
| March 8 | P | iPNEZ | 16 | 20 | 55 | Tu eP 16 21 25 |
| | PX | iSE | | | 29 58 | |
| | | eL | | | 49.7 | |
| | MW | iP | | | 20 55 | |
| | | i | | | 21 08 | |
| | R | iPNEZ | | | 20 58 | USCGS: 6 S. 157 E., |
| | | i | | | 21 10 | O = 16:07.9 |
| | LJ | ePNEZ | | | 00 | A T |
| | H | iPNEZ | | | 20 57 | PZ 1/2 1 |
| | | i | | | 21 09 | |
| | T | iPNEZ | | | 20 57 | |
| | | i | | | 21 02 | |
| | | i | | | 08 | |
| March 8 | P | iP | 20 | 24 | 00 | Tu iP 20 24 25 |
| | MW | iP | | | 01 | |
| | Pr | iP | | | 03 | |
| | T | iP | | | 09 | |
| March 8 | P | iP | 21 | 43 | 46 | Tu i(P) 21 44 19 |
| | MW | iP | | | 41 | |
| | Pr | eP | | | 45 | |
| | T | iP | | | 34 | |
| March 9 | T | iP | 09 | 19 | 23 | Tu eP 09 18 34 |
| | | i | | | 31 | |
| March 9 | P | eP | 19 | 04 | 19 | |
| | PX | eE | | | 12 32 | |
| | | eE | | | 13 39 | |
| | | eE | | | 17 06 | |
| | | eE | | | 50 | USCGS: 3 S. 147 E., |
| | | iSSE | | | 19 30 | O = 18:48.0 |
| | | eE | | | 26 02 | |
| | | iGE | | | 31.4 | A T |
| | MW | iP | | | 01 25 | PZ 1/4 1 |
| | R | eP | | | 22 | MH 30 20 |
| March 9 | P | iP | 19 | 53 | 40 | Magnitude 6 1/2 |
| | MW | iP | | | 42 | |
| | R | iP | | | 43 | |
| March 10 | R | iP | 10 | 36 | 14 | Tu iP 10 35 27 |
| | | i(PcP) | | | 38 29 | |
| | Pr | iP | | | 36 09 | i(PcP) 38 13 |
| | T | iP | | | 33 | i(ScP) 41 40 |
| | | i(PcP) | | | 38 36 | |
| | | i(ScP) | | | 42 09 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|-------------------------------------|
| March 10 | P | iP | 11 | 38 | 09 | Tu eP 11 38 34 |
| | PX | eSE | | 48 | 36 | |
| | | e | | 49 | 38 | |
| | | eSSE | | 54 | 4 | USCGS: 29 S. 177 E., O = 11:25.3 |
| | | eGE | 12 | 00 | 4 | |
| | MW | eP | 11 | 38 | 09 | |
| | R | iP | | | 12 | BCIS: 21 S. 174 E., O = 11:25.3 |
| | Pr | eP | | | 03 | |
| | | i | | | 20 | |
| | T | eP | | | 12 | |
| | | i | | | 21 | |
| | | i | | | 33 | |
| March 10 | P | iP" | 20 | 22 | 44 | Magnitude 6.4/ 20 22 57 |
| | MW | iP" | | | 45 | |
| | R | eP" | | | 46 | |
| | | e | | | 23 | |
| | | eP" | | | 22 | |
| March 11 | P | iP | 03 | 08 | 00 | Tu iP 03 08 13 c |
| | MW | iP | | | 07 | |
| | R | iP | | | 08 | |
| | T | iP | | | 07 | |
| March 11 | P | e | 12 | 52 | 49 | |
| | | e | | | 58 | |
| | MW | e | | | 45 | |
| | | e | | | 50 | |
| | | e | | | 59 | |
| March 11 | P | eP | 13 | 43 | 31 | |
| | MW | eP | | | 32 | |
| | R | eP | | | 34 | |
| | T | eP | | | 34 | |
| March 12 | P | e | 04 | 33 | 02 | Tu eP 04 31 03 |
| | | eS | | | 35 | |
| | MW | eP | | | 32 | |
| | | e | | | 33 | |
| | R | eP | | | 34 | |
| | | e(S) | | | 35 | |
| | Pr | e | | | 32 | |
| | | eS | | | 35 | |
| | T | e | | | 32 | |
| | | eS | | | 35 | |
| March 12 | R | e? | 07 | 39 | 09 | Tu e 07 38 56 |
| | Pr | i | | | 40 | |
| March 12 | P | eP | 10 | 59 | 59 | Tu iP 10 59 18 |
| | | e | 11 | 00 | 41 | |
| | MW | iP | 10 | 59 | 59 | |
| | R | eP | | | 54 | |
| | Pr | iP | | | 52 | |
| | | i | 11 | 00 | 39 | |
| March 12 | T | eP | | | 12 | |
| | P | e | 12 | 13 | 43 | Tu e 12 08 08 |
| | MW | e | | | 08 | |
| | | e | | | 11 | |
| | Pr | e | | | 08 | |
| | | e | | | 09 | |
| | | e | | | 13 | |
| | | e | | | 09 | |
| | T | e | | | 13 | |
| | | e | | | 09 | |
| March 12 | P | e | 20 | 28 | 39 | Tu e? 20 27 56 |
| | MW | e | | | 41 | |
| | R | e | | | 33 | |
| | Pr | e | | | 31 | |

South America

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|--------|----|----|------|--------------------|
| March 13 | P | eP | 05 | 14 | 47 | Tu eP 05 14 09 |
| | MW | eP | | | 47 | |
| | R | eP | | | 43 | |
| | Pr | eP | | | 38 | South America |
| | | i | | | 41 | |
| | | e | | | 57 | |
| March 13 | T | iP | | 15 | 01 | |
| | P | iP! | 05 | 20 | 08 | d Tu iP 05 20 51 d |
| | | ipP | | | 39 | |
| | MW | iP | | | 08 | d |
| | | i | | | 46 | |
| | | ipP | | | 38 | |
| | | e | | | 54 | |
| | R | iP | | | 12 | d Kamchatka? |
| | | i | | | 19 | |
| | | ipP | | | 43 | |
| | | e | | | 59 | |
| | Pr | iPNEZ! | | | 19 | d |
| | | e | | | 30 | |
| | | ipP | | | 49 | |
| | | e | | | 21 | 02 |
| | LJ | eP | | | 20 | 22 |
| | SB | eP | | | 01 | |
| | H | iP | | | 19 | d |
| | T | iPEZ | | | 49 | d |
| | | i | | | 59 | |
| | | e | | | 20 | 35 |
| March 13 | R | iP | 05 | 26 | 11 | Tu iP 05 26 29 |
| | Pr | iP | | | 24 | |
| | T | iP | | | 02 | |
| March 13 | P | eP | 11 | 07 | 54 | Tu iP 11 07 39 |
| | | i | | | 08 | 53 |
| | | e | | | 42 | 20 |
| | MW | eP | | | 07 | 55 |
| | | i | | | 08 | 09 |
| | P | iP | | | 07 | 53 |
| | | i | | | 08 | 07 |
| | Pr | eP | | | 07 | 50 |
| | | e | | | 08 | 06 |
| | SB | e | | | 12 | |
| | T | eP | | | 01 | |
| | | e, | | | 09 | |
| | | i | | | 23 | |
| March 13 | P | e | 16 | 12 | 18 | Tu iP 16 12 41 |
| | MW | e | | | 29 | 59 |
| | R | eP | | | 23 | |
| | | e | | | 37 | |
| | Pr | e | | | 23 | |
| | T | i(P) | | | 31 | |
| March 13 | P | eP | 20 | 17 | 03 | Tu e 20 18 41 |
| | | e | | | 20 | 47 |
| | | ip" | | | 21 | 05 |
| | PX | ePPE | | | 35 | |
| | | i | | | 49 | |
| | | iSKSE | | | 27 | 36 |
| | | iNE | | | 28 | 33 |
| | | iPSEZ | | | 30 | 50 |
| | | i | | | 31 | 20 |
| | | iPPS | | | 32 | 17 |
| | | iSSN | | | 36 | 57 |
| | | eSSSNE | | | 40.6 | |
| | | eGN | | | 47.2 | |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|--------|----|----|----|------------------------|
| March 13 | MW | iPP | 20 | 21 | 37 | (continued) |
| | R | eP | 17 | 07 | | USCGS 1 N. 126 E., |
| | | iPP | 21 | 41 | | O = 20:02.5 |
| | | iPKKP | 32 | 07 | | BCIS: O = 20:02:28 |
| | Pr | eP | 17 | 12 | | A T |
| | | e | 21 | 10 | | PPZ 3/4 4 |
| | | i | | 32 | | PPH 3/4 4 |
| | | i | | 42 | | (SKKS)H 7 4 |
| | | iSKSNE | 27 | 15 | | MH 15. 20 |
| | | iNE | 28 | 15 | | Magnitude 6 3/4 |
| | | i | | 45 | | |
| | | iPKKP | 34 | 31 | | |
| | LJ | e | 21 | 36 | | |
| | | eNE | 27 | 44 | | |
| | | iNE | 28 | 41 | | |
| | SB | iNEZ | | 28 | | |
| | T | i | 24 | 30 | | |
| March 14 | T | iP | 06 | 58 | 02 | Tu iP 06 58 13 |
| March 14 | P | iPNEZ | 22 | 07 | 25 | Tu iP 22 06 48 d |
| | | i | | 37 | | i i 07 08 51 |
| | | i | | 43 | | i i 07 08 20 |
| | PX | iSE | 16 | 10 | | |
| | | eL | 28 | | | |
| | MW | iP | 07 | 26 | | |
| | R | iPEZ | | 23 | | |
| | | i | | 33 | | |
| | Pr | iPNEZ | | 18 | | USCGS: 17 S. 75 W., |
| | LJ | eP | | 18 | | O = 21:56.7 |
| | SB | iP | | 35 | | A T |
| | | i | | 53 | | PZ 1 1/2 3 |
| | | i | | 39 | | PH 1 1/2 3 |
| | T | iPNEZ | | 42 | | SH 2 7 |
| | | i | | 50 | | Magnitude 6 3/4 |
| March 15 | T | eP | 00 | 09 | 39 | Tu eP 00 09 52 |
| | | e | | 51 | | e 10 03 03 |
| March 15 | P | iP | 02 | 28 | 00 | Tu iP 02 28 30 |
| | | i | | 22 | | epP 29 55 |
| | MW | iP | | 00 | | e 32 02 |
| | | i | | 26 | | |
| | | ipP | 29 | 23 | | |
| | R | iP | 28 | 03 | | |
| | | i | | 35 | | |
| | | e(pP) | 29 | 35 | | |
| | Pr | iP | 28 | 06 | | |
| | | e | | 15 | | CMO: 32.0 N. 138.6 E., |
| | | i | | 30 | | h = 300 km. |
| | H | iP | 27 | 55 | | A T |
| | | epP | 29 | 17 | | PZ 1/4 1 |
| | T | iP | 27 | 51 | | |
| | | epP | 29 | 15 | | |
| | | i | 34 | 02 | | |
| March 15 | P | i | 14 | 35 | 59 | Tu iP 14 36 23 |
| | PX | iSE | | 45 | 39 | i i 29 33 |
| | | eL | | 59 | | |
| | MW | eP | | 35 | 56 | |
| | | i | | 59 | | USCGS: 40 N. 140 E., |
| | R | eP | | 53 | | O = 11:24.1 |
| | | i | 36 | 02 | | |
| | Pr | iP | | 00 | | |
| | | i | | 07 | | |
| | SB | iP | | 35 | 54 | |
| | | i | 36 | 06 | | |
| | T | eP | | 40 | | |
| | | i | | 51 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|----------------------|
| March 15 | P | e | 14 | 44 | 53 | |
| | MW | iP | | 43 | 43 | |
| | | e | | 44 | 49 | |
| | R | eP | | 43 | 45 | |
| | | i | | 44 | 24 | |
| | | i | | 45 | 09 | |
| | Pr | iP | | 43 | 45 | |
| | | i | | 54 | | |
| | | i | | 44 | 26 | |
| | T | eP | | 43 | 49 | |
| | | e | | 44 | 28 | |
| | | i | | 48 | 25 | |
| March 15 | P | iP | 15 | 17 | 16 | Tu iP 15 17 40 |
| | MW | iP | | 16 | | i i 18 13 24 |
| | | e | | 52 | | |
| | R | iP | | 18 | | |
| | Pr | iP | | 17 | | |
| | H | iP | | 21 | | |
| | T | iP | | 22 | | |
| | | i | | 18 | | |
| March 16 | P | eP | 17 | 10 | 40 | Tu iP 17 11 01 |
| | PX | eEZ | | 16 | 21 | e 09 |
| | | e(S)E | | 21 | 11 | |
| | | e | | 23 | 32 | |
| | | eGNE | | 33 | 2 | |
| | | eLEZ | | 36 | 8 | |
| | MW | eP | | 10 | 39 | BCIS: 21 S. 174 E., |
| | | e | | 51 | | O = 16:57.8 |
| | R | eP | | 40 | | |
| | | i | | 53 | | |
| | Pr | eP | | 35 | | |
| | T | eP | | 45 | | |
| | | e | | 57 | | |
| March 17 | P | iP | 01 | 10 | 02 | Tu iP 01 09 30 |
| | MW | iP | | 03 | | i i 09 49 |
| | R | iP | | 09 | 59 | i i 10 23 |
| | | i | | 10 | 53 | |
| | Pr | iP | | 09 | 55 | |
| | H | eP | | 10 | 10 | |
| | T | iP | | 10 | 10 | Andes? |
| March 17 | P | iP | 19 | 54 | 14 | Tu iP 19 54 46 |
| | | i | | 38 | | e i 55 06 19 |
| | PX | eSN? | 20 | 04 | 2 | i i 19 28 37 |
| | | iNE | | 04 | 31 | e e 56 31 57 |
| | | eSSE | | 09 | 08 | |
| | | eLEZ | | 34 | 5 | |
| | MW | iP | 19 | 54 | 14 | USCGS: 16 N. 146 E., |
| | | e | | 39 | | O = 09:41.6 |
| | R | iP | | 17 | | |
| | | e | | 32 | | |
| | Pr | iP | | 19 | | |
| | H | eP | | 15 | | |
| | T | eP | | 11 | | |
| | | i | | 33 | | |
| March 18 | P | iP | 15 | 55 | 58 | Tu iP 15 56 50 d |
| | MW | iP | | 56 | 00 | i i 57 07 38 |
| | R | iP | | 03 | | |
| | Pr | iP | | 09 | | |
| | H | i(P) | | 55 | 41 | |
| | T | iP | | 23 | | |
| | | i | | 30 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|-------|--------------------|
| March 18 | P | eP | 21 | 10 | 28 | Tu eP 21 10 02 |
| | | i | | | 32 | i 11 15 |
| | | i | 11 | 21 | | i 11 15 |
| | MW | iSNEZ | | | 38 | |
| | | eP | 10 | 27 | | |
| | R | iSNE | 11 | 39 | | |
| | | iP | 10 | 18 | | |
| | Pr | eSNZ | 11 | 23 | | |
| | | iPNEZ | 10 | 07 | | |
| | LJ | iSNEZ | 11 | 00 | | |
| | | ePEZ | 10 | 03 | | |
| | | iSN | | | 51 | |
| | T | eP | 11 | 08 | | |
| | | i | 12 | 11 | | |
| | | iSNE | 13 | 11 | | |
| March 18 | P | iPNEZ | 23 | 14 | 54 | Tu iP 23 15 17 d |
| | | epP | | | 16 57 | epP 17 19 |
| | MW | iP | 14 | 55 | | d |
| | | epP | 16 | 53 | | |
| | R | iP | 14 | 57 | | d |
| | | epP | 16 | 59 | | |
| | Pr | iP | 14 | 56 | | d |
| | | epP | 16 | 56 | | |
| | H | iP | 15 | 02 | | |
| | T | iP | | | 03 | d |
| | | i | | | 29 | |
| | | epP | | | 17 01 | |
| March 19 | T | iP | 07 | 02 | 17 | Tu iP 07 02 28 |
| March 20 | MW | iP | 17 | 49 | 51 | Tu iP 17 49 03 |
| | R | iP | | | 45 | e 22 |
| | Pr | iP | | | 42 | |
| | T | iP | | | 50 05 | |
| March 20 | MW | i | 23 | 27 | 51 | Tu iP 23 28 09 |
| | R | i | | | 33 | i 24 |
| | | i | | | 45 | i 31 |
| | Pr | i? | | | 27 59 | |
| | | i | | | 28 40 | |
| March 21 | P | i | 02 | 33 | 58 | Tu i(P) 02 32 08 c |
| | MW | i | | | 59 | i! 34 19 c |
| | R | i | | | 34 00 | |
| | Pr | iNEZ! | | | 00 | |
| | H | e | | | 04 | |
| | T | i | | | 06 | |
| March 21 | P | iP | 19 | 47 | 57 | Tu iP 19 48 22 d |
| | | e | | | 48 24 | |
| | MW | iP | | | 47 58 | |
| | R | iP | | | 48 00 | |
| | | e | | | 26 | |
| | | e | | | 35 | |
| | Pr | iP | | | 00 | |
| | T | iP | | | 06 | |
| | | i | | | 13 | |
| | | i | | | 35 | |
| March 21 | P | iP" | 21 | 53 | 29 | Tu eP" 21 53 18 |
| | | i | | | 46 | iP" 20 |
| | | iPP | | | 54 51 | i 36 |
| | MW | ePKKP | 22 | 03 | 45 | e 54 08 |
| | | iP" | 21 | 53 | 29 | i 55 20 |
| | | i | | | 46 | ePKKP 22 03 57 |
| | | iPP | | | 54 52 | |
| | | ePKKP | 22 | 03 | 46 | |

BCIS: 22 1/2 S. 174 1/2 W.,
O = 23:03.8
h = 550 km.

A T
PZ O.3 1

II-III at Apia, which reports:
iP 19 37 12
iS 37

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|-------|------------------------------------|
| March 21 | R | iP" | 21 | 53 | 27 | (continued) |
| | | ePP | | | 54 44 | Surface waves small. h = 60 km. |
| | | i | | | 55 01 | |
| | | e? | 22 | 02 | 45 | USCGS: 59 S. 27 W., |
| | Pr | ePKKP | | | 03 45 | O = 21:34.6 |
| | | eP" | 21 | 53 | 28 | |
| | | i | | | 46 | |
| | | iPP | | | 54 40 | |
| | | i | | | 53 | |
| | | iPKKP | 22 | 03 | 51 | |
| | T | eP" | 21 | 53 | 34 | |
| | | i | | | 50 | |
| | | iPP | | | 55 05 | |
| | | iPKKP | 22 | 03 | 32 | |
| March 22 | P | iPNEZ | 00 | 16 | 37 | Tu iP 00 15 58 c |
| | | e | | | 17 01 | i 16 20 |
| | | i | | | 09 | i 32 |
| | | i | | | 54 | i 49 |
| | PX | iSNE | | | 25 12 | i 17 31 |
| | MW | iPNEZ | | | 16 36 | |
| | | e | | | 50 | |
| | | i | | | 17 03 | |
| | | i | | | 14 | |
| | R | iP | | | 16 32 | USCGS: 14 S. 75 W., |
| | R | i | | | 52 | O = 00:06.3 |
| | | i | | | 17 10 | h = 100 km. |
| | Pr | iPNEZ | | | 16 28 | |
| | | i | | | 33 | PZ A T |
| | | i | | | 52 | SH 1 1/2 2 |
| | | i | | | 29 | |
| | LJ | eP | | | 29 | |
| | SB | eP | | | 45 | |
| | H | iP | | | 46 | |
| | T | iP | | | 51 | |
| | | i | | | 17 30 | |
| March 22 | P | iP | 09 | 31 | 05 | Tu iP 09 30 55 |
| | MW | eP | | | 06 | |
| | R | iP | | | 04 | |
| | Pr | iP | | | 04 | |
| | | i | | | 11 | |
| | | i | | | 10 | |
| March 22 | MW | e(P) | 16 | 51 | 03 | Tu e? 16 51 10 |
| | T | e? | | | 07 | e(P) 18 |
| | | e(P) | | | 13 | |
| March 22 | P | iP | 19 | 31 | 19 | Tu eP 19 31 35 |
| | | i | | | 26 | e 42 |
| | MW | iP | | | 19 | |
| | | i | | | 25 | |
| | R | eP | | | 19 | |
| | | e | | | 26 | |
| | Pr | e | | | 25 | |
| | T | iP | | | 00 | |
| | | i | | | 06 | |
| March 22 | P | iPNEZ | 21 | 41 | 39 | Tu eP 21 40 43 |
| | | ipP | | | 49 | ipP 54 |
| | | isP | | | 53 | isP 59 |
| | | ePcP | | | 44 00 | i 47 23 |
| | | epPcP | | | 10 | i 47 |
| | | eSCP | | | 48 08 | |
| | PX | eLN | | | 51.5 | |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|-------|-----------------------------|
| March 22 | MW | iP | 21 | 41 | 40 | (continued) |
| | | epP | | | 48 | |
| | | ispP | | | 54 | |
| | | iPcP | 44 | 00 | | |
| | | eScP | 48 | 10 | | |
| | R | iP | 41 | 31 | c | |
| | | ipP | | | 41 | |
| | | ispP | | | 45 | |
| | | iPcP | 43 | 57 | | |
| | | ipPcP | 44 | 08 | | USCGS: 11 1/2 N. 86 1/2 W., |
| | | e | 47 | 41 | | O = 21:34.5 |
| | | e | 48 | 04 | | |
| | Pr | iPNEZ | 41 | 27 | c | |
| | | ipP | | | 38 | |
| | | iPcP | 43 | 58 | | |
| | | ipPcP | 44 | 11 | | |
| | | eScP | 48 | 04 | | |
| | LJ | eP | 41 | 29 | | |
| | | epP | | | 39 | |
| | | iP | | | 52 | |
| | T | ipP | 42 | 02 | | |
| | | ispP | | | 06 | |
| | | iPcP | 44 | 04 | | |
| March 22 | P | iP | 23 | 22 | 33 | |
| | Pr | iP | | | 45 | |
| | T | iP | | | 47 | |
| March 22 | P | iPNEZ | 23 | 48 | 25 | Tu ep 23 47 30 |
| | | ispP | | | 41 | |
| | | iPcP | 50 | 49 | | |
| | | epPcP | 51 | 00 | | |
| | PX | eLN | 59 | | | |
| | MW | iP | 48 | 25 | | USCGS: 11 1/2 N. 86 1/2 W., |
| | | ePcP | 50 | 47 | | O = 23:41.2 |
| | R | iP | 48 | 18 | | |
| | | ipP | | | 29 | |
| | | ispP | | | 33 | |
| | | iPcP | 50 | 44 | | |
| | | epPcP | | | 54 | |
| | Pr | iPNEZ | 48 | 14 | c | |
| | | ipP | | | 25 | |
| | | iPcP | 50 | 43 | | |
| | | eScP | 54 | 50 | | |
| | T | iP | 48 | 38 | | |
| | | iPcP | 50 | 51 | | |
| March 23 | P | iP | 04 | 57 | 32 | Tu iP 04 57 53 c |
| | MW | iP | | | 33 | c |
| | R | iP | | | 34 | c |
| | | ipP | | | 44 | |
| | Pr | iP | | | 59 | c |
| | | ipP | 57 | 33 | | c |
| | | ipP | 59 | 43 | | |
| March 23 | P | iP | 05 | 11 | 55 | Tu ep? 05 12 38 |
| | MW | eP | | | 57 | |
| | R | ep | | | 57 | |
| | T | ep | | | 54 | |
| March 23 | P | iPEZ | 18 | 24 | 40 | Tu iP 18 22 16 |
| | | ipPEZ | | | 22 25 | |
| | PX | iSNE | | | 29 55 | |
| | | esS | | | 31 41 | |
| | P | iP'P' | | | 50 36 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|---------|----|----|-------|-----------------------------------|
| March 23 | MW | iP | 18 | 21 | 40 | (continued) |
| | | ipP | | | 22 27 | |
| | | ep'P' | | | 50 36 | |
| | R | iP | | | 21 43 | |
| | | ipP | | | 22 30 | |
| | Pr | ep'P' | | | 50 35 | |
| | | iPNEZ | | | 21 48 | USCGS: 51 N. 155 E., |
| | | ipPEZ | | | 22 33 | O = 18:11.6 |
| | | i | | | 23 13 | h = 200 km. |
| | | iSNE | | | 30 14 | |
| | | ep'P' | | | 50 38 | |
| | LJ | ep | | | 21 50 | |
| | SB | ep | | | 34 | |
| | | epP | | | 22 19 | SH A T |
| | | iPNEZ | | | 21 27 | S 5 |
| | T | ipP | | | 22 08 | |
| | | eSE | | | 29 33 | |
| March 23 | R | ep | 21 | 27 | 59 | Tu eP 21 27 12 |
| | Pr | ep | | | 56 | |
| March 24 | Pr | iP | 00 | 44 | 30 | Tu iP 00 44 48 |
| March 24 | Pr | ep | 02 | 38 | 00 | Tu eP 02 37 46 |
| March 24 | P | iP | 03 | 31 | 42 | Tu iP 03 31 01 |
| | | e | | | 57 | |
| | | i | | | 32 53 | |
| | MW | iP | | | 31 43 | |
| | R | iP | | | 38 | |
| | Pr | iPNEZ | | | 32 | c |
| | | i | | | 48 | South America |
| | T | iP | | | 55 | |
| March 24 | P | iP | 03 | 36 | 26 | Tu iP 03 35 44 |
| | MW | iP | | | 25 | |
| | R | iP | | | 21 | |
| | | e | | | 37 06 | Aftershock? |
| | Pr | iPNEZ | | | 36 16 | |
| | T | iP | | | 39 | |
| March 24 | P | ep'' | 05 | 38 | 42 | Tu ep'' 05 38 49 |
| | | iP''NEZ | | | 50 | iP'' 39 05 |
| | | ePP | | | 40 51 | iSKP 41 45 |
| | | iSKPNZ | | | 42 12 | i 42 33 |
| | PX | eL | 06 | 22 | | USCGS: 6 S. 104 E., |
| | MW | iP'' | 05 | 38 | 50 | O = 05:19.5 |
| | | iSKP | | | 42 13 | |
| | R | ep'' | | | 38 37 | BCIS: 6 S. 106 E., |
| | | iP'' | | | 51 | O = 05:19.6 |
| | | iSKP | | | 42 14 | |
| | Pr | iP''NEZ | | | 38 53 | c Felt at Batavia, Bandoeng, etc. |
| | | iPPNEZ | | | 40 44 | |
| | | i | | | 41 10 | |
| | | iSKPNEZ | | | 42 15 | |
| | LJ | ep'' | | | 38 54 | |
| | | iSKP | | | 42 18 | |
| | T | iP'' | | | 38 49 | |
| | | iSKP | | | 42 05 | |
| March 24 | P | ep | 08 | 05 | 58 | Tu iP 08 05 44 |
| | MW | ep | | | 57 | |
| | R | ep | | | 56 | |
| | Pr | iP | | | 59 | |
| March 24 | Pr | iP | 09 | 55 | 04 | Tu iP 09 55 23 |
| March 24 | Pr | iP | 10 | 29 | 38 | Tu iP 10 29 25 |
| March 25 | P | iP | 04 | 48 | 01 | Tu iP 04 48 22 |
| | MW | iP | | | 00 | |
| | R | iP | | | 03 | |
| | H | iP | | | 11 | Southwest Pacific |
| | T | iP | | | 12 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|------------------|
| March 26 | MW | iP | 00 | 45 | 30 | Tu iP 00 45 55 |
| March 26 | T | iP | | | 39 | |
| March 26 | P | iP | 01 | 00 | 20 | Tu iP 00 59 48 c |
| | MW | iP | | | 21 | |
| | R | iP | | | 17 | c |
| | Pr | iP | | | 14 | |
| | H | iP | | | 28 | |
| | T | iP | | | 32 | c |
| March 26 | P | e | 13 | 42 | 02 | Tu e 13 42 18 |
| | T | e | | | 05 | |
| March 26 | MW | eP | 14 | 39 | 02 | |
| | R | eP | | | 08 | |
| | Pr | iP | | | 13 | |
| | H | eP | | | 38 | 52 |
| | T | iP | | | 46 | |
| March 26 | MW | eP | 21 | 02 | 03 | Tu iP 21 02 52 d |
| | Pr | iP | | | 15 | |
| | H | eP | | | 01 | 54 |
| | T | iP | | | 48 | |
| March 26 | P | iP | 22 | 26 | 43 | d |
| | MW | iP | | | 44 | d |
| | Pr | iPNEZ | | | 47 | |
| | H | iP | | | 52 | |
| | T | iP | | | 54 | d |
| March 27 | MW | iP | 01 | 58 | 32 | Tu iP 01 57 51 |
| | Pr | iP | | | 37 | |
| | T | iP | | | 45 | |
| March 27 | P | eP | 03 | 50 | 51 | Tu eP 03 50 10 |
| | MW | eP | | | 50 | |
| | T | e | | | 51 | 55 |
| | | eP | | | 04 | |
| | | e | | | 52 | 40 |
| March 27 | P | iP | 24 | 44 | 35 | Tu e 24 43 02 |
| | MW | iP | | | 34 | |
| | R | iP | | | 41 | |
| | H | eP | | | 22 | |
| | T | e(S) | | | 13 | 09 |
| | | iP | | | 44 | 43 |
| | | e(S) | | | 12 | 51 |
| March 28 | P | iP | 04 | 42 | 35 | Tu iP 04 41 57 |
| | MW | eP | | | 32 | |
| | R | eP | | | 34 | |
| | Pr | eP | | | 25 | |
| | H | i | | | 32 | |
| | T | eP | | | 41 | |
| March 28 | P | iP | 18 | 27 | 34 | Tu eP 18 29 22 |
| | | i | | | 47 | |
| | | iSEZ | | | 28 | 57 |
| | MW | iP | | | 27 | 34 |
| | | iSEZ | | | 28 | 55 |
| | R | iP | | | 27 | 40 |
| | | iS | | | 28 | 50 |
| | SB | iP | | | 27 | 38 |
| | | iSNZ | | | 28 | 39 |
| | H | iP | | | 27 | 16 |
| | | iSNEZ | | | 28 | 00 |
| | T | eP | | | 26 | 44 |
| | | i | | | | 58 |
| | | iSEZ | | | 27 | 34 |

III at Apia, which reports:
 iP 22 15 53
 iS 16 43

Damage at Sucre, according to
 La Paz

Felt at Reno, Nevada

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|--------|----|----|------|---------------------------|
| March 28 | P | iPNEZ | 22 | 39 | 00 | Tu eP 22 40 32 |
| | | iSNE | | | 45 | |
| | R | iP | | | 10 | |
| | Pr | iP | | | 20 | Felt at Hollister, Calif. |
| | SB | iPNZ | | | 38 | 46 |
| | | iSNEZ | | | 39 | 31 |
| | H | iPNEZ | | | 38 | 51 |
| | | iSE | | | 39 | 33 |
| | T | iPEZ | | | 38 | 47 |
| | | iSN | | | 39 | 24 |
| March 28 | P | eP | 23 | 48 | 53 | Tu eP? 23 50 28 |
| | | iSE | | | 49 | 38 |
| | R | iP | | | 49 | 03 |
| | SB | iP | | | 48 | 40 |
| | | iSN | | | 49 | 27 |
| | H | iPNEZ | | | 48 | 45 |
| | | iSEZ | | | 49 | 34 |
| | T | iPEZ | | | 48 | 40 |
| | | iSE | | | 49 | 16 |
| March 29 | P | i | 08 | 46 | 57 | Tu e 08 47 19 |
| | MW | i | | | 57 | i 24 |
| | R | eP | | | 24 | |
| | | e | | | 55 | |
| | | i | | | 47 | 00 |
| | Pr | eP | | | 46 | 26 |
| | | i | | | 47 | 03 |
| | T | eP | | | 46 | 27 |
| | | i | | | 47 | 03 |
| March 29 | P | iPNEZ | 12 | 03 | 32 | Tu iP 12 03 54 c |
| | | ipP | | | 04 | 01 |
| | | ePP | | | 06 | 57 |
| | | eSN | | | 14 | 06 |
| | PX | iSNE | | | 51 | |
| | | iE | | | 15 | 57 |
| | | eSSN | | | 20.4 | |
| | | eGN | | | 27.0 | |
| | | eREZ | | | 31.1 | |
| | MW | iPNEZ | | | 03 | 32 c |
| | | ipP | | | 04 | 04 c |
| | R | iPNEZ | | | 03 | 34 c |
| | | ipP | | | 04 | 02 c |
| | Pr | iPNEZ! | | | 03 | 35 c |
| | | i | | | | 57 |
| | | ipP | | | 04 | 01 |
| | | ipP | | | 07 | 02 |
| | | eSE | | | 13 | 55 |
| | | eN | | | 14 | 16 |
| | | eP' P' | | | 29 | 29 |
| | LJ | iPNEZ | | | 03 | 33 c |
| | SB | iPNZ | | | | 27 |
| | | ipP | | | | 55 |
| | H | iPNEZ | | | | 39 c |
| | | ipP | | | 04 | 07 |
| | | eSN | | | 13 | 51 |
| | | eP' P' | | | 29 | 29 |
| | T | iPNEZ | | | 03 | 39 c |
| | | i(PcP) | | | | 50 |
| | | ipP | | | 04 | 11 |
| | | eSNE | | | 14 | 23 |
| | | eP' P' | | | 29 | 30 |

BCIS: 22 1/2 S. 172 E.,
 O = 11:50.8

PZ A T
 1 1

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|----------------------------|
| March 31 | P | iP | 13 | 33 | 25 | |
| | MW | iP | | | 23 | |
| | R | iP | | | 26 | |
| | | i | | | 50 | |
| | Pt | iP | | | 29 | |
| | T | ep | | | 24 | |
| March 31 | P | iP | 17 | 53 | 25 | Tu iP 17 53 42 d |
| | MW | iP | | | 27 | i 54 10 d |
| | R | iP | | | 25 | d Wellington gives: |
| | Pt | iPNEZ | | | 26 | d 33 S. 178 W. O = 17:40.7 |
| | H | iP | | | 32 | Magnitude 5 1/2 - 6 |
| | T | iP | | | 33 | d |
| | | i | | | 40 | |
| March 31 | MW | iP | 18 | 58 | 44 | Tu iP 18 57 59 c |
| | R | iP | | | 39 | |
| | T | ep | | | 59 | 07 |
| | | | | | | |

C. F. Richter

Sept. 22, 1948

STATION COORDINATES

| | | Symbol |
|---------------|--------------------------------------|--------|
| Pasadena | 34°08.9' N., 118°10.3' W., h=295 m. | P, PX |
| Mt. Wilson | 34°13.5' N., 118°03.4' W., h=1742 m. | MW |
| Riverside | 33°59.6' N., 117°22.5' W., h=250 m. | R |
| Santa Barbara | 34°26.5' N., 119°42.9' W., h=100 m. | SB |
| La Jolla | 32°51.8' N., 117°15.2' W., h=7.7 m. | LJ |
| Tinemaha | 37°05.7' N., 118°15.5' W., h=1180 m. | T |
| Haiwee | 36°08.2' N., 117°57.9' W., h=1100 m. | H |
| Palomar | 33°21' N., 116°52' W., h=1700 m. | Pr |

c = compression
d = dilatation

When surface waves are not reported no such waves are observed.

Times given for Tucson and Boulder City are read from original records, lent by courtesy of the U. S. Coast and Geodetic Survey and the U. S. Reclamation Service. Times for stations associated with the University of California are readings kindly supplied by Professor Byerly or his assistants.

All times are G. C. T.

All communications should be addressed to the central station as follows:

Seismological Laboratory,
220 North San Rafael Avenue,
Pasadena, California

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|---|
| April 1 | P | iP | 01 | 13 | 42 | Tu eP 01 13 07 |
| | | ipP | | 14 | 12 | epP 37 |
| | MW | iP | | 13 | 42 | |
| | | ipP | | 14 | 13 | |
| | R | iP | | 13 | 38 | |
| | | ipP | | 14 | 09 | |
| April 1 | T | iP | | 13 | 54 | |
| | | ipP | | 14 | 25 | |
| | P | iP | 21 | 27 | 41 | Tu iP 21 28 06 |
| April 1 | MW | iP | | 42 | | c |
| | R | iP | | 44 | | c |
| April 1 | MW | i? | 23 | 23 | 51 | Tu e 23 23 36 |
| | R | e? | | 54 | | 50 |
| April 2 | P | iP | 07 | 04 | 07 | Tu iP 07 04 31 d |
| | MW | iP | | 08 | | d |
| | R | iP | | 10 | | d |
| | Pr | iPNEZ | | 11 | | d |
| | H | eP | | 17 | | d |
| April 3 | R | iP | 07 | 31 | 25 | Tu iP 07 31 40 |
| | | e | | 39 | | i 32 11 |
| | Pr | iP | | 23 | | Near Apia, which reports: |
| April 3 | T | eP | | 20 | | iP 07 21 01, iS 07 22 06 |
| | | i | | 33 | | |
| | P | e | 08 | 00 | 19 | Tu e 08 01 11 |
| | | i | | 47 | | 02 18 |
| | MW | e | | 21 | | 04 37 |
| | | iPKKP | | 58 | | 11 51 |
| | R | e | | 01 | 25 | e 14 24 |
| | | e | | 00 | 18 | |
| | | e | | 01 | 04 | |
| | Pr | i | | 03 | 12 | Batavia gives 3.2 N. 126.6 E., h=200 km. |
| April 3 | H | e | | 01 | 24 | |
| | T | e | | 00 | 22 | |
| | | i | | 01 | 02 | |
| | P | iP | 17 | 14 | 37 | |
| | MW | iP | | | 36 | |
| | R | iP | | | 39 | |
| | | i | | 15 | 05 | |
| | Pr | iP | | 14 | 41 | |
| | T | iP | | | 37 | |
| | P | iP | 03 | 27 | 04 | Tu eP 03 27 32 |
| April 4 | MW | iP | | 06 | | |
| | | i | | 08 | | |
| | R | iP | | 06 | | |
| | Pr | iP | | 08 | | |
| | T | iP | | 04 | | |
| | | i | | 08 | | |
| | | i | | 17 | | |
| | P | iP | 16 | 44 | 16 | Tu iP 16 44 39 |
| | MW | iP | | | 17 | |
| | P | iP | 19 | 19 | 09 | Tu iP 19 19 35 |
| April 4 | MW | iP | | 13 | | Near Apia, which reports: |
| | Pr | iP | | 13 | | P 19 09 01, S 19 10 01 |
| | R | eP | 07 | 40 | 43 | Tu iP 07 40 03 c |
| | | eP | | 36 | | e(S) 42 05 |
| | T | e(S) | | 43 | 17 | |
| | eP | | 41 | 17 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|----------------------------|
| April 5 | MW | eP | 19 | 36 | 09 | Tu iP 19 35 20 |
| | R | iP | | | 23 | e 39 |
| | | eP | | | 05 | iPcP 38 30 |
| | | iP | | | 19 | i 45 |
| | | iPcP | | 38 | 45 | |
| | Pr | ePNE | | 39 | 00 | Palomar Z light out. |
| | | iNE | | 35 | 58 | Tinemaha disturbed at 36 m |
| | T | iPcP | | 36 | 12 | |
| | | iP | | 38 | 51 | |
| April 6 | MW | iP | 00 | 42 | 52 | Tu iP 00 42 17 d |
| | R | iPcP | | 45 | 24 | iPcP 45 13 |
| April 6 | MW | ePcP | 02 | 46 | 52 | Tu iP 02 47 05 |
| | R | iP | | 47 | 18 | i 30 |
| | | iP | | 46 | 51 | e 37 |
| | T | iP | | 47 | 19 | i 50 29 |
| | | iP | | 46 | 50 | |
| | | iP | | 47 | 15 | |
| April 6 | MW | iP | 11 | 19 | 16 | Tu iP 11 19 33 |
| | R | iP | | | 17 | |
| | T | eP | | | 25 | |
| April 9 | P | iPNEZ | 03 | 27 | 48 | Tu iP 03 28 24 c |
| | | e | | 28 | 33 | eP'P' 56 23 c |
| | PX | eSE | | 36 | 10 | |
| | P | eP'P' | | 56 | 31 | |
| | R | iP | | 27 | 51 | c |
| | | iP | | 28 | 08 | |
| | | eP'P' | | 56 | 31 | |
| | Pr | iPNE | | 27 | 57 | c |
| | | eSE | | 36 | 27 | |
| | LJ | iP | | 27 | 57 | c |
| | SB | iP | | | 42 | c |
| | H | iPNEZ | | | 41 | c |
| | T | iPNEZ | | | 36 | c |
| April 10 | P | eP | 00 | 06 | 24 | Tu eP 00 06 52 |
| | R | eP | | | 23 | |
| April 10 | P | eP | 00 | 40 | 50 | Tu eP 00 41 21 |
| April 10 | P | eP | 11 | 01 | 31 | |
| | MW | eP | | | 30 | |
| | R | eP | | | 33 | |
| | T | eP | | | 31 | |
| April 10 | P | eP | 13 | 50 | 57 | Tu iP 13 49 59 d |
| | R | eP | | | 50 | |
| | T | iP | | | 51 | |
| April 10 | P | eP | 14 | 34 | 21 | Tu eP 14 34 52 |
| | R | eP | | | 21 | |
| | T | eP | | | 12 | |
| April 10 | P | iP | 16 | 50 | 08 | Tu iP 16 50 31 |
| | R | iP | | | 11 | |
| April 10 | P | eP | 22 | 06 | 45 | Tu eP 22 06 06 |
| | R | iSNEZ | | 07 | 47 | i 10 |
| | | eP | | 06 | 33 | i 16 |
| | | iS | | 07 | 40 | iS 07 43 |
| | Pr | eP | | 06 | 14 | |
| | | iSEZ | | 07 | 08 | |
| | T | eNEZ | | 09 | 25 | |
| April 11 | MW | eP | 11 | 31 | 57 | Tu iP 11 32 22 |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|------------------|
| April 11 | P | iP | 16 | 08 | 38 | Tu iP 16 09 08 |
| | MW | iP | | | 38 | |
| | R | iP | | | 39 | |
| | Pr | iP | | | 44 | |
| | | e | | 09 | 08 | |
| | | iP | | 08 | 29 | |
| April 12 | P | iP | 06 | 21 | 30 | Tu eP 06 20 36 |
| | | e | | 22 | 00 | i 40 |
| | | iP | | | 09 | ipP 21 15 c |
| | | iScP | | 27 | 40 | i 38 |
| | MW | iP | | 21 | 30 | c i 22 09 |
| | | ipP | | 22 | 09 | iScP 27 22 |
| | R | iP | | 21 | 25 | c |
| | | epP | | 22 | 04 | |
| | | iPcP | | 24 | 12 | |
| | | iScP | | 27 | 38 | |
| | Pr | iPNEZ | | 21 | 18 | c |
| | | ipP | | | 57 | |
| | T | iP | | | 45 | c |
| | | ipP | | 22 | 25 | |
| | | ePcP | | 24 | 20 | |
| | | iScP | | 27 | 46 | |
| April 12 | R | iP | 07 | 59 | 39 | Tu iP 07 58 52 |
| | T | iP | | | 48 | i 59 03 |
| | | i | | | 56 | |
| April 12 | P | iP | 09 | 02 | 27 | Tu e 09 03 08 |
| | | i | | | 40 | |
| | | i | | | 52 | |
| | | i | | | 59 | |
| | PX | eE | | 12 | 55 | |
| | | e(S)E | | 13 | 28 | |
| | | eE | | 14 | 48 | |
| | | eLEZ | | 32 | | |
| | MW | iP | | 02 | 29 | |
| | | i | | | 35 | |
| | | i | | | 42 | |
| | R | iP | | | 31 | |
| | | i | | | 37 | |
| | | i | | | 42 | |
| | Pr | iP | | | 33 | |
| | | i | | | 43 | |
| | LJ | e | | | 36 | |
| | SB | e | | | 29 | |
| | T | iP | | | 30 | |
| | | i | | | 42 | |
| | | i | | 03 | 02 | |
| April 12 | Pr | iP | 09 | 18 | 07 | Tu iP 09 18 42 |
| | T | eP | | 17 | 42 | |
| April 12 | MW | iP | 12 | 05 | 39 | Tu iP 12 05 13 |
| | T | iP | | | 52 | |
| | | e | | 06 | 15 | |
| April 14 | MW | iP | 13 | 12 | 00 | Tu iP 13 12 21 |
| | Pr | iP | | | 01 | |
| | T | iP | | | 07 | |
| April 15 | P | iP | 07 | 34 | 05 | Tu iP 07 34 25 c |
| | MW | iP | | | 05 | c |
| | | epP | | | 15 | c |
| | | esP | | | 22 | |
| | | iP | | | 08 | c |
| | R | epP | | | 19 | |
| | | esP | | | 24 | |

USCGS: 14 N. 90 1/2 W.
O=06:15.3, h=200 km.PZ A T
O.2 1BCIS: 7 S. 152 1/2 E.
O=08:49.2

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|--------|----|----|-------|--|
| April 15 | Pr | iP | 07 | 34 | 07 | (continued) |
| | T | iSP | | | 25 | |
| | | iP | | | 15 | |
| | | esP | | | 27 | |
| | | iSP | | | 32 | |
| April 15 | MW | iP | 08 | 18 | 04 | Tu iP 08 17 31 |
| | R | iP | | | 02 | |
| | T | iP | | | 16 | |
| April 15 | P | eP | 19 | 47 | 55 | |
| | | i | | | 48 17 | |
| | MW | eP | | | 47 56 | |
| | | i | | | 48 18 | |
| | R | eP | | | 47 55 | |
| | | i | | | 48 24 | |
| | Pr | eP | | | 47 56 | |
| | | i | | | 48 26 | |
| | SB | i | | | 26 | |
| | T | eP? | | | 47 41 | |
| April 16 | MW | iP | 01 | 08 | 06 | Tu iP 01 08 30 |
| | R | iP | | | 09 | |
| | Pr | iP | | | 13 | |
| April 16 | MW | e | 02 | 53 | 08 | Tu e 02 53 44 |
| | | e | | | 52 59 | |
| | R | e | | | 53 11 | |
| | | e | | | 10 | |
| | Pr | e | | | 19 | |
| | | e | | | 55 42 | |
| April 16 | P | iPNEZ! | 22 | 26 | 49 | Tu iP 22 28 12 |
| | | iSNE | | | 38 | |
| | MW | iPNZ! | | | 41 | |
| | | iSN! | | | 51 | |
| | R | iPNEZ | | | 49 | Felt from Santa Barbara to Los Angeles. Maximum reported intensity VI. |
| | | iSNE | | | 27 07 | |
| | Pr | iPNEZ | | | 26 57 | 34° 01' N. 118° 58' W., O=22:26:24 |
| | LJ | ePEZ | | | 56 | |
| | | iSN | | | 27 26 | |
| | SB | iPNEZ! | | | 26 40 | Magnitude 4.7 |
| | | iSN | | | 51 | |
| | H | ePE | | | 27 03 | |
| | T | ePNE | | | 16 | |
| | | iSNE | | | 01 | |
| April 17 | MW | eP | 00 | 54 | 55 | Tu iP 00 55 48 c |
| | Pr | iP | | | 59 | |
| April 17 | R | eP | 06 | 26 | 23 | Tu eP 06 25 50 |
| | Pr | eP | | | 27 | |
| April 17 | P | iPNEZ | 16 | 23 | 58 | Tu iP 16 24 29 c |
| | | i | | | 24 07 | |
| | PX | iSEZ | | | 34 20 | |
| | | e | | | 35 06 | Felt in Japan. Small tsunami. |
| | | iN | | | 39 56 | USCGS: 33 N. 135 1/2 E., O=16:11.5 |
| | | iN | | | 43 40 | BCIS: 33.3 N. 135.9 E., O=16:11:28 |
| | | iLN | | | 46 05 | CMO: 33.1 N. 135.7 E., h=40 km. |
| | MW | iP | | | 24 00 | |
| | | i | | | 08 | |
| | | eSNE | | | 34 21 | |
| | R | iP | | | 24 02 | |
| | | i | | | 11 | |
| | | eSNE | | | 34 27 | |
| | Pr | iP | | | 24 05 | |
| | | i | | | 15 | |
| | | iPP | | | 27 22 | |
| | | iSNE | | | 34 34 | Magnitude 7 1/4 (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----------|---------------------------------------|
| April 17 | LJ | eP | 16 | 24 | 07 | (continued) |
| | | eSNE | | | 34 34 | |
| | SB | iP | | | 23 55 | |
| | | i | | | 24 03 | |
| | | eSNE | | | 34 09 | |
| | H | ePN | | | 23 56 | |
| | | eN | | | 24 04 | |
| | | eSNE | | | 34 11 | |
| | T | ePE | | | 23 53 | |
| | | eSNE | | | 34 05 | |
| April 17 | P | iP | 18 | 55 | 43 | Tu iP 18 56 08 d |
| | MW | iP | | | 45 | |
| | R | iP | | | 47 | |
| April 18 | P | iP | 10 | 06 | 07 | Tu iP 10 05 16 |
| | MW | iP | | | 06 | |
| | R | iP | | | 02 | |
| | Pr | iP | | | 05 58 | |
| April 18 | P | eP | 12 | 33 | 48 | Tu eP 12 34 25 |
| | | ePP | | | 37 59 | |
| | PX | eNE | | | 52.6 | |
| | | iLN | | | 13 01.6 | USCGS: 3 S. 137 E. O=12:19.8 |
| | MW | eP | | | 12 33 51 | BCIS: 2 1/2 S. 137 1/2 E., O=12:19:45 |
| | | ePP | | | 38 05 | |
| | R | eP | | | 33 58 | |
| | Pr | iPP | | | 38 12 | MH 30 20 Magnitude 6 3/4 |
| April 19 | P | iP | 07 | 23 | 52 | |
| | MW | iP | | | 52 | |
| | R | iP | | | 54 | |
| | Pr | iP | | | 57 | |
| April 20 | P | e | 02 | 17 | 27 | Tu eP 02 16 27 |
| | MW | eP | | | 20 | |
| | R | eP | | | 15 | |
| | Pr | iP | | | 09 | USCGS: 14° N. 92 W., O=02:11.0 |
| | | i | | | 24 | |
| April 20 | P | iP | 04 | 41 | 32 | Tu iP 04 41 50 d |
| | MW | iP | | | 33 | |
| | R | iP | | | 36 | |
| | | e | | | 52 | |
| | Pr | iPNEZ | | | 34 | |
| | | e | | | 57 | |
| | | e | | | 43 31 | |
| | | eP | | | 41 32 | |
| April 21 | Pr | iP | 05 | 11 | 57 | Tu iP 05 12 17 |
| April 21 | P | eP | 02 | 36 | 02 | Tu eP 02 35 25 |
| | | i | | | 13 | |
| | MW | iP | | | 01 | |
| | | i | | | 12 | |
| | R | iP | | | 35 57 | |
| | | i | | | 36 10 | South America |
| | Pr | eP | | | 35 53 | |
| | | e | | | 36 04 | |
| April 21 | P | i(P) | 12 | 52 | 23 | Tu iP 12 52 57 |
| | MW | iP | | | 21 | |
| | | i | | | 24 | |
| | | i | | | 27 | |
| April 21 | P | i(P) | 15 | 33 | 57 | |
| | Pr | eP | | | 16 00.1 | BCIS: 13 1/2 N. 166 1/2 E., O=15:21.2 |
| | PX | eLEZ | | | 15 33 | |
| | MW | eP | | | 54 | |
| | R | eP | | | 55 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|------|----|------------------------|
| April 21 | P | iPNEZ | 20 | 30 | 26 | Tu iP 20 29 35 |
| | | i | | | 40 | |
| | | iPcP | | 31 | 40 | |
| | | iPP | | 32 | 19 | West Indies |
| | | iScP | | 36 | 07 | |
| | PX | iSN | | 37 | 13 | USCGS: 19N. 69 1/2 W., |
| | | iScSN | | 40 | 23 | O=20:22.0 |
| | | iE | | 43 | 53 | |
| | | eLE | | 44.0 | | |
| | MW | eP | | 30 | 26 | A T |
| | | i | | | 34 | PH 3 4 |
| | | i | | | 49 | SH 25 9 |
| | | eSN | | 37 | 13 | MH 300 15 |
| | | iP | | 30 | 21 | Magnitude 7 1/4 |
| | R | iSNE | | 37 | 03 | |
| | LJ | eP | | 30 | 20 | |
| | | eSNE | | 37 | 00 | |
| | SB | iP | | 30 | 37 | |
| | | eSN | | 37 | 31 | |
| | H | iPNEZ | | 30 | 27 | |
| | | iSN | | 37 | 14 | |
| | T | iP | | 30 | 28 | |
| | | iSN | | 37 | 21 | |
| April 21 | P | iP | 20 | 40 | 44 | Tu iP 20 39 49 |
| | MW | iP | | | 43 | c |
| | R | iP | | | 38 | c |
| | Pr | iPNEZ | | | 35 | Aftershock |
| | LJ | eP | | | 36 | |
| | SB | iP | | | 54 | c |
| | T | iP | | | 47 | c |
| April 21 | P | iPNEZ | 21 | 07 | 35 | Tu iP 21 06 43 c |
| | MW | iP | | | 35 | c |
| | R | iP | | | 29 | c |
| | Pr | iPNEZ | | | 26 | c |
| | LJ | eP | | | 28 | Aftershock |
| | SB | iP | | | 45 | c |
| | H | iP | | | 38 | c |
| | T | iP | | | 38 | c |
| April 21 | P | iP | 21 | 14 | 51 | Tu iP 21 13 57 c |
| | MW | iP | | | 51 | c |
| | R | iP | | | 43 | c |
| | Pr | iP | | | 39 | c |
| | LJ | eP | | | 43 | Aftershock |
| | SB | iP | | 15 | 01 | c |
| | H | iP | | 14 | 52 | c |
| | T | iP | | | 52 | c |
| April 21 | P | iP | 21 | 34 | 46 | Tu iP 21 33 55 c |
| | MW | iP | | | 46 | c |
| | R | iP | | | 41 | c |
| | Pr | iP | | | 37 | c |
| | R | eP | | | 39 | Aftershock |
| | SB | iP | | | 57 | c |
| | T | iP | | | 49 | c |
| April 21 | P | iP | 22 | 10 | 58 | Tu iP 22 10 07 c |
| | MW | iP | | | 57 | |
| | R | iP | | | 53 | |
| | Pr | iPNEZ | | | 49 | |
| | SB | eP | | 11 | 08 | |
| | T | iP | | | 01 | c |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|---------------------------|
| April 22 | P | eP | 00 | 36 | 38 | Tu eP 00 35 49 |
| | PX | iSN | | 43 | 31 | Aftershock, West Indies |
| | | eLN | | 49 | | A T |
| | MW | iP | | 36 | 40 | c PH 3/4 3 |
| | R | iP | | | 35 | c SH 3 7 |
| | Pr | eP | | | 32 | MH 9 14 |
| | | iNZ | | | 37 | |
| | SB | iP | | | 51 | Magnitude 6 1/2 |
| | H | iP | | | 45 | |
| | T | iP | | | 43 | c |
| | | eSN | | 43 | 36 | |
| April 22 | R | eP | 04 | 21 | 09 | Tu eP 04 20 22 |
| | T | iP | | | 16 | |
| April 22 | P | eP | 10 | 56 | 24 | Tu eP 10 56 19 |
| | | ePP | | 11 | 00 | 11 ePP 11 00 15 |
| | MW | eP | | 10 | 56 | 27 |
| | | ePP | | 11 | 00 | 23 |
| | R | eP | | 10 | 56 | 27 |
| | | ePP | | 11 | 00 | 25 |
| | Pr | iPNZ | | 10 | 56 | 34 |
| | | i | | | 57 | 26 |
| | | iPP | | 11 | 00 | 23 |
| | SB | eP | | 10 | 56 | 31 |
| | | ePP | | 11 | 00 | 29 |
| | T | eP | | 10 | 56 | 12 |
| April 22 | P | eP | 13 | 17 | 23 | Tu eP 13 16 32 |
| | MW | eP | | | 23 | |
| | R | iP | | | 18 | Aftershock, West Indies |
| | Pr | eP | | | 15 | |
| | T | iP | | | 31 | |
| April 22 | T | iP | 14 | 53 | 35 | |
| April 22 | T | iP | 15 | 21 | 23 | |
| April 22 | MW | eP | 18 | 58 | 11 | Tu eP 18 57 21 |
| | R | eP | | | 06 | |
| | T | iP | | | 16 | c |
| April 23 | P | iP | 11 | 58 | 41 | Tu iP 11 57 50 c |
| | PX | iSN | | 12 | 05 | Aftershock, West Indies |
| | MW | iP | | 11 | 58 | A T |
| | R | iP | | | 41 | c SH 3 7 |
| | Pr | iPNEZ | | | 36 | MH 15 15 |
| | LJ | eP | | | 32 | c USCGS: 19 N. 69 1/2 W., |
| | SB | iP | | | 35 | O=11:50.3 |
| | T | iP | | | 52 | c |
| | | eP | | | 45 | c |
| April 23 | MW | eP | 12 | 12 | 12 | Tu eP 12 11 23 |
| | R | eP | | | 06 | |
| | Pr | iP | | | 05 | |
| | T | iP | | | 18 | |
| April 23 | P | iP | 17 | 27 | 42 | Tu iP 17 27 07 |
| | | i | | | 28 | 10 24 |
| | | iP | | | 27 | 41 35 |
| | | i | | | 28 | 07 |
| | R | iP | | | 27 | 38 |
| | | i | | | 28 | 04 |
| April 25 | R | eP | 03 | 36 | 35 | Tu eP 03 35 49 |
| | T | iP | | | 44 | |
| April 25 | MW | eP | 20 | 41 | 11 | Tu eP 20 41 07 |
| | | iS | | | 42 | 33 14 |
| | H | eP | | | 40 | 48 42 38 |
| | | eS | | | 41 | 52 |
| | T | iP | | | 40 | 43 |
| | | iSNZ | | | 41 | 44 |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|---------|---------------------------------|
| April 26 | P | iP | 03 | 18 | 14 | Tu iP 03 17 40 |
| | | ipP | | | 29 | 48 |
| | MW | iP | | | 14 d | 55 |
| | | ipP | | | 29 | 18 15 |
| | R | iP | | | 11 d | |
| | | ipP | | | 26 | Andes? |
| | Pr | iP | | | 05 d | |
| | | ipP | | | 20 | |
| | T | iP | | | 26 | |
| | | ipP | | | 41 | |
| April 26 | R | eP | 09 | 35 | 40 | Tu eP 09 35 22 |
| | Pr | eP | | | 42 | Foreshock of next |
| April 26 | P | eP | 09 | 42 | 26 | Tu iP 09 42 08 |
| | MW | eP | | | 28 | USCGS: 51 N. 34 W. O = 09:32.4 |
| | R | iP | | | 26 | |
| | Pr | iPNEZ | | | 28 c | Small surface waves at Pasadena |
| | T | iP | | | 17 | |
| April 26 | R | eP | 10 | 52 | 12 | Tu eP 10 51 55 |
| | T | eP | | | 01 | |
| April 26 | R | eP | 11 | 33 | 37 | Tu eP 11 32 51 |
| | T | iP | | | 47 | |
| April 27 | MW | iP | 02 | 17 | 31 | Tu iP 02 16 40 |
| | R | iP | | | 27 | |
| April 27 | P | iP | 20 | 23 | 20 | Tu iP 20 24 57 |
| | MW | iP | | | 21 | |
| | R | iP | | | 28 | Felt at Monterey and Hollister |
| | SB | iP | | | 06 | Largest of swarm beginning |
| | T | iP | | | 07 | at 16:42 |
| | | iSN | | | 44 | |
| April 28 | R | eP | 09 | 17 | 19 | Tu eP 09 17 42 |
| | Pr | iP | | | 20 | |
| April 28 | P | iPNEZ | 12 | 10 | 17 | Tu iP 12 10 30 c |
| | | ipP | | | 37 | |
| | | iScP | | | 16 06 | |
| | PX | eSNE | | | 48 58 | |
| | | iScSE | | | 20 56 | |
| | MW | iP | | | 11 18 c | |
| | | ipP | | | 39 | |
| | | iScP | | | 16 06 | |
| | R | iP | | | 11 14 c | |
| | | ipP | | | 35 | |
| | | i | | | 44 | |
| | Pr | iScP | | | 16 03 | USCGS: 11 N. 63 W., |
| | | iPNZ | | | 11 10 c | O=12:01.8, h=100 km. |
| | | ipP | | | 30 | |
| | | iScP | | | 16 01 | |
| | | iSNE | | | 20 50 | |
| | LJ | eP | | | 11 11 c | |
| | | epP | | | 33 | |
| | SB | iP | | | 28 c | |
| | H | iP | | | 21 | |
| | | ipP | | | 41 | |
| | T | iPNEZ | | | 23 c | |
| | | ipP | | | 43 | |
| April 28 | MW | eP | 13 | 49 | 38 | Tu iP 13 50 26 c |
| | R | eP | | | 42 | |
| | | e | | | 51 | |
| | | e | | | 50 01 | |
| | Pr | iP | | | 49 50 | |
| | | i | | | 50 00 | |
| | | i | | | 08 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|-------|------------------|
| April 29 | R | iP | 05 | 38 | 19 | Tu eP 05 37 57 |
| April 29 | MW | iP | 08 | 09 | 18 | Tu iP 08 09 59 |
| | | R | | | 21 | |
| | | SB | | | 12 | |
| April 29 | P | iP | 15 | 26 | 09 c | Tu iP 15 26 47 c |
| | | ipP | | | 36 | |
| | MW | iP | | | 10 c | |
| | | ipP | | | 38 | |
| | R | iP | | | 13 c | |
| | | ipP | | | 41 | |
| | H | iP | | | 02 | |
| | | i | | | 42 | |
| | T | iP | | | 25 57 | |
| | | ipP | | | 26 28 | |
| | | i | | | 34 | |
| April 29 | P | iP | 21 | 20 | 43 | Tu iP 21 20 35 |
| | MW | eP | | | 43 | e 21 12 |
| | R | iP | | | 42 | 22 17 |
| | | e | | | 23 58 | |
| April 30 | P | eP | 04 | 20 | 13 | Tu iP 04 19 16 |
| | PX | eLEZ | | | 44 | 28 |
| | MW | iP | | | 20 13 | 37 |
| | R | iP | | | 08 | 54 |
| | Pr | iP | | | 05 | 20 55 |
| | T | eP | | | 16 | 21 27 |
| April 30 | P | iP | 04 | 43 | 47 | Tu iP 04 43 13 |
| | MW | iP | | | 48 | |
| | R | iP | | | 44 | |
| | T | iP | | | 59 | |
| April 30 | Pr | iP | 09 | 08 | 30 | Tu iP 09 07 47 |
| April 30 | MW | iP | 12 | 17 | 36 | Tu iP 12 16 49 |
| | | i | | | 18 09 | |
| | | i | | | 17 29 | |
| April 30 | R | iP | 14 | 06 | 55 | Tu iP 14 06 26 |
| | R | iP | | | 58 | |
| Pr | iP | | | | 58 | |
| May 1 | P | iPEZ | 22 | 52 | 07 c | Tu iP 22 52 44 c |
| | | i | | | 26 | 53 14 |
| | | ipP | | | 36 | |
| | MW | iP | | | 07 c | |
| | | ipP | | | 36 | |
| | R | iP | | | 10 c | |
| | | ipP | | | 22 | |
| | | e | | | 39 | |
| | Pr | iPNZ | | | 15 | |
| | | ipP | | | 43 | |
| | | e | | | 53 | |
| | H | iP | | | 51 57 | |
| | T | iP | | | 52 | |
| | | ipP | | | 21 | |
| May 2 | P | iP | 07 | 48 | 30 | Tu eP 07 49 22 |
| | | ipP | | | 50 | 40 |
| | | e | | | 49 09 | |
| | MW | iP | | | 48 30 | |
| | | ipP | | | 50 | |
| | R | iP | | | 32 | |
| | | ipP | | | 52 | |
| | Pr | iP | | | 37 | |
| | | ipP | | | 57 | |
| | H | epP | | | 45 | |
| | T | iP | | | 22 | |
| | | ipP | | | 42 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|-------|------|-----------------|----|------|------|-----------------------------|
| May 3 | P | iP ⁱ | 12 | 19 | 18 d | Tu iP ⁱ 12 19 08 |
| | | i | | 27 | | 14 |
| | | i | | 27 | | 20 |
| | MW | iPP | | 21 | 47 | |
| | | iP ⁱ | | 19 | 18 d | |
| | | i | | 26 | | BCIS: 50 S. O E., |
| | | iPP | | 21 | 47 | O = 11:59.6 |
| | R | iP ⁱ | | 19 | 15 d | |
| | | i | | 23 | | |
| | Pr | iP ⁱ | | 12 | | |
| | | i | | 20 | | |
| | H | eP ⁱ | | 21 | | |
| | | e | | 29 | | |
| | T | iP ⁱ | | 22 | | |
| | | i | | 31 | | |
| May 3 | P | eP | 13 | 42 | 31 | Tu eP 13 42 14 |
| | MW | eP | | | 33 | 20 |
| | | e | | 38 | | |
| | R | eP | | 27 | | |
| | | e | | 41 | | |
| | Pr | eP | | 26 | | |
| | | i | | 36 | | |
| | H | i | | 55 | | |
| | T | i? | | 50 | | |
| | | i | | 58 | | |
| May 3 | P | iP ⁱ | 14 | 02 | 36 d | Tu iP ⁱ 14 02 26 |
| | | i | | 45 | | 38 |
| | MW | iP ⁱ | | 36 | | |
| | | i | | 45 | | BCIS: 50 S. O E., |
| | R | iP ⁱ | | 33 | | O = 13:42.8 |
| | | i | | 41 | | |
| | Pr | iP ⁱ | | 31 c | | |
| | | i | | 39 | | |
| | SB | eP ⁱ | | 39 | | |
| | H | eP ⁱ | | 41 | | |
| | T | iP ⁱ | | 41 | | |
| May 3 | Pr | eP? | 17 | 03 | 59 | Tu eP 17 03 21 |
| | | i | | 04 | 06 | 36 |
| | | i | | 14 | | |
| May 3 | P | eP | 17 | 35 | 59 | Tu iP 17 36 37 |
| | | e | | 36 | 14 | 46 |
| | R | eP | | 02 | | 52 |
| | | e | | 11 | | |
| | Pr | e | | 16 | | |
| | | i | | 21 | | |
| | T | iP | | 35 | 45 | |
| | | i | | 55 | | |
| | | i | | 59 | | |
| May 3 | P | eP | 21 | 27 | 39 | Tu eP 21 27 33 |
| | | ipP | | 28 | 25 | 15 |
| | | e | | 30 | 16 | |
| | MW | iP | | 27 | 40 | |
| | | ipP | | 28 | 27 | |
| | R | eP | | 27 | 36 | |
| | | ipP | | 28 | 23 | |
| | T | iP | | 27 | 26 | |
| | | i | | 28 | 02 | |
| May 4 | MW | iP | 05 | 04 | 47 | Tu iP 05 04 17 |
| | R | iP | | | 45 | |
| | T | iP | | 05 | 01 | |
| May 5 | P | eP | 06 | 18 | 10 | Tu eP 06 17 59 |
| | MW | eP | | | 10 | |
| | R | eP | | | 07 | |
| | T | eP | | | 16 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|-------|------|--------------------------------|----|----|------|------------------------------------|
| May 5 | R | eP | 09 | 58 | 17 | Tu iP 09 57 50 |
| | Pr | iP | | | 16 | |
| May 6 | P | iP | 03 | 03 | 36 | Tu iP 03 03 57 d |
| | MW | iP | | | 36 d | |
| | R | iP | | | 38 | |
| | Pr | iPNEZ! | | | 38 d | |
| | | ipP | | 05 | 40 | Tonga region, h = 550 km. |
| | H | iP | | 03 | 44 d | |
| | T | iP | | | 44 | |
| May 6 | P | eP | 08 | 43 | 09 | Tu eP 08 43 30 |
| | MW | eP | | | 09 | |
| | R | eP | | | 15 | Near Apia, which reports |
| | Pr | eP | | | 12 | P 08 32 29 |
| | LJ | eP | | | 14 | S 08 33 39 |
| | H | eP | | | 18 | |
| May 6 | MW | iP | 13 | 53 | 50 | Tu iP 13 54 14 |
| | R | iP | | | 53 | |
| | Pr | iP | | | 52 | |
| May 6 | P | iP | 22 | 13 | 11 | Tu iP 22 13 53 |
| | MW | iP | | | 10 | |
| | R | iP | | | 15 | |
| | Pr | iP | | | 22 | |
| | T | iP | | | 52 | |
| May 7 | MW | eP | 05 | 44 | 31 | Tu iP 05 45 20 |
| | Pr | iP | | | 44 | 33 |
| | | e | | | 57 | 47 |
| | | i | | 45 | 06 | |
| | | iP | | 44 | 51 | |
| May 7 | T | e | 08 | 16 | 37 | Tu eP 08 16 21 |
| | MW | e | | | 46 | 28 |
| | Pr | eP | | | 32 | |
| | | i | | | 39 | |
| May 7 | P | iP | 10 | 28 | 15 | Tu iP 10 28 39 |
| | MW | iP | | | 16 | 41 |
| | | i | | | 18 | |
| | R | iP | | | 18 | |
| | Pr | iP | | | 19 | |
| | T | iP | | | 24 | |
| May 7 | MW | eP | 13 | 15 | 25 | Tu eP 13 15 48 |
| | R | eP | | | 28 | |
| | Pr | iP | | | 28 | |
| | T | eP | | | 33 | |
| May 8 | P | iP | 00 | 45 | 31 | Tu iP 00 44 38 c |
| | MW | iP | | | 32 | 45 30 |
| | | ipP | | 46 | 09 | 48 22 |
| | | e | | 25 | | 49 09 |
| | R | iP | | 45 | 25 | |
| | | epP | | 46 | 02 | |
| | Pr | iP | | 45 | 21 c | |
| | | ipP | | 57 | | |
| May 8 | P | iPNEZ | 02 | 57 | 24 c | Tu iP 02 58 01 c |
| | | ipP | | | 44 | 21 |
| | MW | iP | | | 25 c | |
| | | i | | | 38 | |
| | | ipP | | | 43 | |
| | | iP ⁱ P ⁱ | 03 | 25 | 44 | USCGS: 46 1/2 N. 151 E., O=02:46.5 |
| | R | iP | 02 | 57 | 28 c | BCIS: 46.3 N. 150.5 E., |
| | | ipP | | | 46 | O = 02:46:29 |
| | | iP ⁱ P ⁱ | 03 | 25 | 43 | |
| | Pr | iPNZ | 02 | 57 | 33 c | |
| | | ipP | | | 50 | |
| | | i | | | 58 | |
| | | iP ⁱ P ⁱ | 03 | 25 | 37 | |
| | | i | | 26 | 00 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|-------|------|-------|----|----|------|------------------------------------|
| May 8 | SB | iP | 02 | 57 | 18 c | (continued) |
| | | i | | | 53 | JSA: 45.8 N. 150.4 E., |
| | H | iP | | | 18 c | h=250 km., O= 02:46:41 |
| | | ipP | | | 36 | CMO: 45.0 N. 150.0 E., |
| | | i | | | 47 | h = 250 km. |
| | T | iP | | | 14 | |
| | | i | | | 44 | |
| May 8 | P | iP | 04 | 26 | 23 | Tu iP 04 26 08 |
| | | i | | | 29 | i 13 |
| | MW | iP | | | 24 | |
| | R | iP | | | 21 | |
| | Pr | iP | | | 16 | |
| May 8 | P | iP | 06 | 56 | 06 | Tu iP 06 56 -28 |
| | MW | iP | | | 00 | Apia records a shock at |
| | | iP | | | 07 | 06:46:-- |
| | R | iP | | | 09 | |
| | Pr | iP | | | 09 | |
| | H | eP | | | 13 | |
| | T | iP* | | | 16 | |
| May 8 | R | e | 07 | 31 | 06 | Tu iP 07 31 23 |
| | Pr | e | | | 14 | |
| May 8 | P | iP | 08 | 41 | 50 | Tu iP 08 42 25 |
| | MW | iP | | | 51 | |
| | R | iP | | | 53 | |
| | Pr | iP | | | 59 | |
| | H | eP | | | 43 | |
| | T | iP | | | 38 | |
| May 8 | MW | eP | 10 | 22 | 56 | Tu eP 10 23 27 |
| | R | iP | | | 58 | |
| May 9 | P | iP | 02 | 21 | 52 | Tu iP 02 22 19 c |
| | | i | | | 59 | |
| | | ePP | | | 25 | 35 |
| | PX | eSKSN | | | 32.4 | USCGS: 30 N. 129 E., O=02:08.8 |
| | | iNE | | | 32 | BCIS: 29.7 N. 130.7 E., O=02:08:52 |
| | | iSN | | | 52 | CMO: 32.0 N. 131.5 E., |
| | | eSSN | | | 38.3 | |
| | | eGNE | | | 44.9 | |
| | MW | eP | | | 21 | PZ 1 1/2 2 |
| | | i | | | 53 | MH 15 20 |
| | R | eP | | | 53 | |
| | Pr | iP | | | 59 | Magnitude 6 3/4 |
| | | iNEZ | | | 22 | |
| | | eNE | | | 32 | |
| | LJ | eP | | | 22 | |
| | SB | eP | | | 21 | |
| | H | iP | | | 43 | |
| | T | iPNEZ | | | 43 | |
| | | iNEZ | | | 53 | |
| | | eN | | | 32 | |
| May 9 | P | iP | 08 | 28 | 08 | |
| | PX | eLNZ | 09 | 02 | | Near Apia, which reports: |
| | MW | iP | 08 | 28 | 10 | P 08 18 23 |
| | | i | | | 24 | S 20 07 |
| | R | iP | | | 10 | d |
| | Pr | iP | | | 11 | |
| | H | iP | | | 18 | |
| | T | iP | | | 17 | |
| May 9 | T | iP | 12 | 41 | 05 | Tu iP 12 41 56 |
| | | e | | | 28 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|---------|----|----|------|-------------------|
| May 10 | MW | eP | 07 | 52 | 29 | |
| | | e | | | 42 | |
| | T | iP | | | 14 | |
| | | e | | | 26 | |
| May 10 | P | iPNEZ | 09 | 18 | 22 | Tu iP 09 18 55 |
| | | epPEZ | | | 19 | 07 19 44 |
| | | iNZ | | | 12 | 20 03 |
| | MW | iP | | | 18 | |
| | | ipP | | | 19 | |
| | | i | | | 13 | |
| | R | eP | | | 18 | CMO: 28 N. 147 E. |
| | | ipP | | | 19 | |
| | | iNEZ | | | 18 | |
| | LJ | e | | | 18 | |
| | SB | i | | | 06 | |
| | H | iP | | | 18 | |
| | | i | | | 19 | |
| | T | iPEZ | | | 18 | |
| | | i | | | 37 | |
| | | ipPNEZ | | | 19 | |
| May 10 | P | e | 09 | 35 | 07 | Tu iP 09 34 19 |
| | MW | e | | | 11 | 05 |
| | Pr | eP? | | | 34 | |
| | | i | | | 59 | |
| | T | e | | | 35 | |
| May 11 | P | iPNEZ | 03 | 08 | 56 c | Tu iP 03 09 23 d |
| | | ipP | | | 09 | 18 43 |
| | | iP | | | 08 | 57 c 50 |
| | MW | ipP | | | 09 | 22 |
| | R | iP | | | 00 | c |
| | | ipP | | | 23 | |
| | Pr | iPNEZ | | | 00 | c |
| | | ipP | | | 25 | |
| | | i | | | 44 | |
| | T | iPNEZ | | | 00 | c |
| | | epP | | | 24 | |
| May 11 | P | iPNEZ! | 09 | 06 | 43 c | Tu iP 09 06 05 c |
| | | ipPNEZ | | | 59 | d 06 c |
| | | isp | | | 07 | 04 22 |
| | | i | | | 24 | 51 |
| | PX | i | | | 08 | 11 14 28 |
| | | iSEZ | | | 15 | 40 35 14 |
| | | iSSN | | | 19 | 51 32 |
| | | eSSSE | | | 20 | 06 |
| | | eSSSNE | | | 23.7 | |
| | P | ipP! | | | 34 | 57 |
| | | ipP! | | | 35 | 16 |
| | MW | ipPNEZ! | | | 06 | 43 c |
| | | ipPZ! | | | 07 | 00 |
| | | eSEZ | | | 15 | 41 |
| | | eNE | | | 16 | 13 |
| | | ipP! | | | 34 | 59 |
| | | ipP! | | | 35 | 16 |
| | R | ipPNEZ! | | | 06 | 39 c |
| | | ipP | | | 56 | |
| | | i | | | 07 | 08 |
| | | i | | | 12 | |
| | | eSNEZ | | | 15 | 38 |
| | | ipP! | | | 35 | 02 |
| | | ipP! | | | 16 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|----------|----|----|----|------------------------------------|
| May 11 | Pr | eP | 09 | 06 | 34 | (continued) |
| | | iPNZ! | | | 35 | c |
| | | ipPEZ! | | | 52 | d |
| | | isP | | | 58 | |
| | | iN | | 07 | 15 | |
| | | iE | | | 36 | |
| | | iSNEZ | | 15 | 29 | |
| | | i | | | 56 | |
| | | e | | 28 | 05 | USCGS: 17 S. 71 W., O = 08:55.7 |
| | | i | | | 25 | |
| | | ipP! | | | 35 | 00 |
| | | ipP! | | | 17 | |
| LJ | | ip | 09 | 06 | 35 | c |
| | | ipP | | | 51 | |
| | | isP | | 07 | 03 | |
| | | eSN | | 15 | 26 | PZ A T 4 1½ |
| | | eP! | | 35 | 22 | PH 10 5 |
| SB | | ip | 06 | 06 | 50 | c |
| | | ipP | | 07 | 07 | SH 15 4 |
| | | isP | | | 21 | MH 200 40 |
| | | iSNE | | 15 | 57 | |
| | | ipP! | | 34 | 55 | Magnitude 7½ |
| | | epP! | | 35 | 13 | |
| H | | ipNEZ | | 06 | 51 | c |
| | | ipP | | 07 | 08 | |
| | | i | | | 40 | |
| | | eSNE | | 16 | 00 | |
| | | epP! | | 34 | 56 | |
| T | | ipNEZ! | | 06 | 56 | |
| | | ipP! | | 07 | 13 | |
| | | isP! | | | 25 | |
| | | iSNEZ | | 16 | 09 | |
| | | ipP! | | 34 | 54 | |
| May 11 | P | ipP! | 09 | 35 | 12 | Tu iP 09 44 11 c |
| | | ipNEZ | | 44 | 48 | |
| | | ipP | | 45 | 04 | |
| | | isP | | | 11 | |
| MW | | ipPEZ | | 44 | 48 | c |
| | | isP | | 45 | 11 | |
| R | | ip | | 44 | 44 | c |
| | | ipP | | 45 | 00 | |
| | | i | | | 11 | |
| Pr | | ipNEZ | | 44 | 40 | c |
| | | ipP | | | 56 | |
| | | isP | | 45 | 03 | |
| | | e(pP!P!) | | 10 | 13 | |
| | | e | | | 45 | |
| LJ | | eP | 09 | 44 | 40 | Aftershock |
| | | e | | 45 | 02 | |
| H | | ipNEZ | | 44 | 57 | |
| | | ipP | | 45 | 14 | |
| | | i | | | 19 | |
| T | | ipNEZ | | 45 | 01 | c |
| | | ipP | | | 16 | |
| | | isP | | | 24 | |
| May 11 | P | e | 12 | 13 | 39 | Tu e 12 13 44 |
| | MW | e | | | 26 | 54 |
| | R | e | | | 25 | |
| | | e | | | 50 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|------|------------------|
| May 11 | P | iP | 20 | 50 | 05 | Tu eP 20 49 12 |
| | | iSE | | | 51 | 21 |
| | MW | eP | | | 49 | 56 |
| | | i | | | 50 | 07 |
| | | iSEZ | | | 51 | 20 |
| | R | eP | | | 49 | 49 |
| | | i | | | | 56 |
| | | eSEZ | | | 51 | 00 |
| | Pr | eP | | | 49 | 35 |
| | | eS | | | 50 | 41 |
| | | iSNZ | | | | 49 |
| | LJ | iP | | | 49 | 39 |
| | | iSN | | | 50 | 39 |
| May 12 | P | eP | 01 | 08 | 45 | Tu eP 01 09 20 c |
| | | i | | | | 29 |
| | | iSNE | | | 18 | 27 |
| | PX | eSSN | | | 23 | 21 |
| | | eLNE | | | 28.3 | |
| | MW | eP | | | 08 | 46 |
| | | i | | | | 56 |
| | R | eP | | | | 50 |
| | | i | | | | 59 |
| | Pr | ePEZ | | | | 55 |
| | | iNZ | | | 09 | 04 |
| | | iSNE | | | 18 | 43 |
| | LJ | e | | | 09 | 06 |
| | SB | eP | | | 08 | 42 |
| | | i | | | | 51 |
| | H | eP | | | | 44 |
| | T | eP | | | | 39 |
| | | i | | | | 47 |
| May 12 | P | e | 01 | 33 | 23 | Tu e(P) 01 33 52 |
| | MW | eP | | | 20 | 34 01 |
| | | e | | | 27 | |
| | R | e | | | 30 | |
| | Pr | i | | | 38 | |
| | T | eP | | | 09 | |
| | | e | | | 17 | |
| May 12 | P | iP | 01 | 54 | 25 | Tu iP 01 53 48 |
| | | epP | | | 37 | 54 00 |
| | | i | | | 46 | 11 |
| | MW | iP | | | 25 | c |
| | | ipP | | | 40 | |
| | | i | | | 48 | |
| | R | iP | | | 21 | c |
| | | ipP | | | 36 | |
| | | i | | | 41 | |
| | Pr | eP | | | 16 | |
| | | ipP | | | 31 | |
| | | i | | | 44 | |
| | H | eP | | | 34 | |
| | T | iP | | | 38 | c |
| | | ipP | | | 52 | |
| | | i | | | 01 | |
| May 12 | MW | iP | 12 | 55 | 01 | Tu iP 11 59 58 d |
| | R | iP | | | 55 | |
| | Pr | iP | | | 50 | |
| | | i | | | 41 | |
| | | i | | | 48 | |
| | T | iP | | | 13 | |
| May 12 | T | e(P) | 12 | 10 | 09 | Tu iP 12 10 30 |
| | | e | | | 14 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|-----------------------------------|
| May 12 | MW | iP | 12 | 44 | 22 | Tu iP 12 43 33 |
| | R | eP | | | 24 | |
| May 12 | MW | eP? | 13 | 24 | 01 | Tu iP 13 23 05 |
| | R | i(P) | | 23 | 57 | |
| | Pr | iP | | | 50 | |
| | | i | | | 57 | |
| May 12 | P | eP | 14 | 18 | 24 | Tu eP 14 18 58 |
| | MW | eP | | | 25 | |
| | R | eP | | | 27 | |
| | Pr | eP | | | 33 | |
| | T | eP | | | 20 | |
| May 12 | MW | eP | 16 | 23 | 41 | Tu eP 16 22 48 |
| | R | eP | | | 34 | |
| | T | eP | | | 11 | |
| May 13 | P | iP | 15 | 02 | 58 | Tu iP 15 03 24 d |
| | MW | iP | | | 59 | Felt (IV) at Apia, which reports: |
| | R | iP | | 03 | 01 | P 14 52 04 |
| | Pr | iP | | | 02 | S 24 |
| | H | eP | | | 06 | |
| | T | iP | | | 08 | |
| May 13 | MW | eP | 21 | 02 | 24 | Tu eP 21 02 55 |
| | R | eP | | | 24 | |
| | T | eP | | | 13 | |
| May 14 | MW | e | 00 | 08 | 59 | Tu i 00 09 11 |
| | | e | | 09 | 32 | e 10 04 |
| | R | e | | | 00 | i 25 |
| | | e | | | 38 | |
| | Pr | e | | | 48 | Deep? Felt at Ternate, |
| | T | e | | 08 | 57 | according to Batavia |
| | | e | | 09 | 27 | |
| May 14 | P | eP | 13 | 30 | 58 | Tu eP 13 31 33 |
| | | e | | 31 | 09 | i 42 |
| | MW | eP | | | 00 | |
| | | i | | | 12 | CMO: 37.9 N. 142.1 E., |
| | R | eP | | | 02 | h = 40 km. |
| | | e | | | 16 | BCIS: 38.2 N. 142.5 E., |
| | Pr | e | | | 17 | O = 13:19.1 |
| | SB | eP | | 30 | 33 | |
| | H | eP | | | 54 | |
| | | e | | 31 | 12 | |
| | T | eP | | 30 | 49 | |
| | | e | | 31 | 04 | |
| May 14 | MW | eP | 15 | 28 | 53 | Tu iP 15 29 33 |
| | | e | | 29 | 20 | i 30 27 |
| | | e | | | 31 | |
| | R | eP | | | 00 | |
| | T | eP | | | 33 | |
| | | i | | | 40 | |
| | | i | | | 53 | |
| May 14 | P | eP | 18 | 50 | 49 | Tu eP 18 51 24 |
| | | e | | | 58 | |
| | PX | eL | 19 | 16 | 5 | JSA: 43 N. 148 1/2 E., |
| | MW | eP | 18 | 50 | 52 | O = 18:39:40 |
| | R | eP | | | 56 | BCIS: 44 1/2 N. 148 1/2 E., |
| | Pr | eP | | 51 | 03 | O = 18:39:40 |
| | H | eP | | 50 | 46 | |
| | T | eP | | | 45 | |
| May 14 | P | iP | 19 | 09 | 56 | |
| | MW | eP | | | 56 | |
| | R | eP | | 10 | 00 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|--------|----|----|------|--------------------------|
| May 14 | MW | iP | 19 | 51 | 52 | Tu iP 19 52 15 |
| | T | iP | | | 00 | |
| May 14 | P | iPNEZ | 22 | 38 | 47 d | Tu iP! 22 39 35 |
| | | i | | | 56 | i! 40 |
| | | i! | | 39 | 03 | i 41 38 |
| | PX | iPP | | 40 | 09 | i 43 08 |
| | | eSE | | 44 | 07 | i 45 24 |
| | | iSNE | | | 28 | |
| | P | iScP | | 45 | 01 | |
| | PX | eGNE | | 46 | 7 | |
| | P | i | | 47 | 29 | USCGS: 54 1/2 N. 161 W., |
| | MW | ePNE | | 38 | 49 | O = 22:31.7 |
| | | iNE | | 39 | 04 | BCIS: 54.5 N. 161.5 W., |
| | | eSNE | | 44 | 27 | O = 22:31:41 |
| | R | iPNZ | | 38 | 52 | |
| | | i | | | 59 | |
| | | i | | 39 | 08 | PH 5 A T |
| | | iScP | | 45 | 04 | PPH 12 8 |
| | Pr | eP | | 38 | 58 | SH 300 23 |
| | | iNEZ | | 39 | 00 | GH 150 40 |
| | | i | | | 06 | MH 400 20 |
| | | iEZ | | | 15 | |
| | | iPPE | | 40 | 10 | Magnitude 7 1/4 - 7 1/2 |
| | | iSE | | 44 | 53 | |
| | | iScP | | 45 | 26 | |
| | | i | | 46 | 48 | |
| | | iScSNE | | 49 | 16 | |
| | LJ | iPNZ | | 39 | 01 | |
| | | i | | | 18 | |
| | | eSN | | 44 | 54 | |
| | | iScP | | 45 | 09 | |
| | | eScSN | | 49 | 20 | |
| | SB | iP | | 38 | 46 | |
| | | iScP | | 44 | 59 | |
| | | iScSN | | 49 | 05 | |
| | H | iP | | 38 | 38 | |
| | | i | | | 46 | |
| | | i | | 41 | 14 | |
| | | eSNE | | 44 | 10 | |
| | | iScP | | | 57 | |
| | T | iPNEZ | | 38 | 31 | |
| | | iNEZ! | | | 38 | |
| | | i | | | 46 | |
| | | i! | | 41 | 10 | |
| | | iSNEZ | | 44 | 03 | |
| | | iScPNZ | | | 52 | |
| | | iScSE | | 48 | 49 | |
| May 15 | P | eP | 02 | 48 | 54 | Tu iP 02 49 38 c |
| | | iEZ | | 49 | 03 | i! 50 c |
| | | i | | | 08 | i 50 46 |
| | | ePP | | 50 | 11 | ePcP 51 27 |
| | | iPcP | | 51 | 10 | i 32 |
| | | i | | | 28 | i 46 |
| | | eSEZ | | 54 | 32 | |
| | | iScP | | 55 | 19 | |
| | PX | eLEZ | | 58 | 9 | |
| | MW | ePN | | 48 | 57 | |
| | | eN | | 49 | 04 | |
| | R | iP | | 48 | 58 | Alaska |
| | | i! | | 49 | 07 | |
| | | ePP | | 50 | 24 | |
| | | iPcP | | 51 | 15 | |
| | | i | | | 30 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|--------------------|
| May 15 | Pr | iPNEZ | 02 | 49 | 04 | (continued) |
| | | iNEZ | | | 15 | |
| | LJ | iSNE | | 54 | 53 | |
| | | eP | | 49 | 08 | |
| | SB | iP | | 48 | 54 | |
| | H | iP | | | 42 | |
| | | iPcP | | 51 | 13 | |
| | | iPNEZ | | 48 | 35 | |
| | | iP | | | 46 | |
| | | iP | | | 50 | |
| | | iPcP | | 51 | 10 | |
| | | iSNEZ | | 54 | 03 | |
| | | iScP | | | 50 | |
| | | iP | | 55 | 07 | |
| May 15 | R | eP | 03 | 52 | 31 | Tu eP 03 53 08 |
| | | ePcP | | 53 | 04 | iP 20 |
| | | iP | | 54 | 24 | iPcP 55 04 |
| | Pr | iP | | 52 | 40 | i 15 |
| | H | eP | | | 21 | |
| | T | eP | | | 11 | |
| | | iPcP | | 54 | 40 | Aftershock, Alaska |
| May 15 | R | eP | 05 | 44 | 01 | Tu iP 05 43 12 c |
| | Pr | iP | | 43 | 57 | ipP 31 |
| | | ipP | | 44 | 16 | |
| | T | iP | | | 22 | |
| May 15 | P | eP | 18 | 01 | 11 | Tu eP 18 00 46 |
| | R | eP | | | 10 | |
| | Pr | eP | | | 07 | South America |
| | T | eP | | | 22 | |
| May 15 | P | eP | 18 | 16 | 54 | Tu eP 18 16 34 |
| | R | eP | | | 54 | |
| | Pr | eP | | | 52 | South America |
| | T | eP | | 17 | 10 | |
| May 15 | Pr | iP | 19 | 38 | 07 | Tu eP 19 37 25 |
| | T | eP | | | 29 | |
| May 15 | R | iP | 22 | 43 | 34 | Tu iP 22 42 54 c |
| | Pr | iP | | | 24 | |
| | T | iP | | | 54 | |
| May 16 | R | eP | 10 | 45 | 04 | Tu iP 10 45 37 |
| | T | eP | | | 44 | i 46 |
| | | ePcP | | 47 | 08 | i 47 33 |
| May 16 | R | eP | 11 | 02 | 22 | Tu eP 11 02 30 |
| | T | eP | | | 20 | |
| May 16 | P | eZ? | 19 | 15 | 33 | Tu iP 19 16 57 |
| | T | iP | | 16 | 01 | i 18 52 |
| May 16 | T | eP | 21 | 28 | 11 | Tu eP 21 28 59 |
| | | eP | | | 22 | |
| May 17 | P | iP | 10 | 19 | 04 | Tu iP 10 19 29 |
| | Pr | iP | | | 08 | |
| | T | iP | | | 09 | |
| | | iP | | | 11 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|----------------------|
| May 17 | P | eP | 13 | 46 | 19 | Tu e 13 46 51 |
| | | iP | | | 49 | |
| | R | eP | | | 22 | |
| | | iP | | | 49 | |
| | Pr | eP | | | 24 | |
| | | iP | | | 51 | |
| | | iP | | | 02 | |
| | LJ | eP | | 47 | 51 | |
| | H | eP | | 46 | 52 | |
| | T | eP | | | 22 | |
| May 17 | P | iP | 16 | 57 | 52 | Tu iP 16 58 16 c |
| | | eP | | 58 | 03 | i 32 |
| | R | eP | | 57 | 55 | |
| | Pr | iP | | | 55 | c |
| | T | iP | | 58 | 01 | |
| May 17 | P | iPNEZ | 17 | 55 | 39 | Tu eP 17 56 25 |
| | | iEZ | | | 48 | i 26 |
| | | iPcP | | 58 | 03 | i 36 |
| | | iP | | | 14 | i 41 |
| | PX | iSE | 18 | 01 | 18 | iPcP 58 21 |
| | P | iScP | | | 45 | i 33 |
| | PX | iSSEZ | | 03 | 59 | i 59 13 |
| | | eGEZ | | 05 | 3 | |
| | MW | ePNE | 17 | 55 | 40 | |
| | R | iP | | | 44 | d |
| | | iPcP | | | 54 | |
| | | iP | | 58 | 16 | |
| | | iP | | | 27 | |
| | Pr | eP | | 55 | 49 | |
| | | iNEZ | | | 51 | |
| | | iP | | | 00 | USCGS: 55 N. 161 W., |
| | | iSNE | 18 | 01 | 39 | O = 17:48.6 |
| | LJ | eP | 17 | 55 | 49 | |
| | | iP | | | 54 | |
| | | iP | | | 03 | |
| | | eS | 18 | 01 | 42 | |
| | SB | iP | 17 | 55 | 51 | |
| | H | eP | | | 28 | |
| | | iP | | | 35 | |
| | | eSNE | 18 | 00 | 58 | |
| | T | iP | 17 | 55 | 21 | d |
| | | iP | | | 29 | |
| | | iPcP | | 57 | 56 | |
| | | eSNE | 18 | 00 | 48 | |
| | | iScP | | 01 | 37 | |
| May 18 | P | iPNEZ | 10 | 50 | 40 | Tu iP 10 51 09 d |
| | R | iP | | | 42 | d |
| | Pr | iP | | | 45 | d |
| | LJ | iP | | | 44 | |
| | SB | iP | | | 31 | d |
| | H | iP | | | 38 | d |
| | T | iPNEZ | | | 35 | d |
| May 18 | T | iP | 12 | 56 | 01 | |
| May 19 | T | eP | 06 | 13 | 11 | Tu eP 06 13 28 |
| May 19 | T | eP | 06 | 31 | 08 | Tu iP 06 31 21 |
| May 19 | T | iP | 07 | 13 | 44 | Tu iP 07 13 58 |
| | | iP | | 14 | 22 | i 14 34 |
| May 19 | T | iP | 07 | 40 | 10 | Tu iP 07 40 22 |
| | | iP | | | 55 | i 41 08 |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|----------------------------|
| May 19 | PX | eLE | 10 | 08 | 50 | Tu iP 10 04 46 |
| | R | e(P) | | 05 | 59 | i 05 20 |
| | Pr | i(P) | | | 47 | iS 06 36 |
| | | i | | 08 | 12 | |
| | T | iP | | 06 | 30 | c |
| May 20 | P | eP | 07 | 24 | 28 | Tu eP 07 24 30 |
| | T | eP | | | 14 | Atlantic |
| May 20 | P | iP | 08 | 43 | 07 | Tu iP 08 42 30 d |
| | | e | | | 26 | e 43 19 |
| | R | iP | | | 04 | d |
| | | e | | | 25 | |
| | Pr | iP | | 42 | 58 | |
| | | i | | 43 | 17 | |
| | T | iP | | | 19 | d |
| | | e | | | 36 | |
| May 20 | P | iP | 15 | 43 | 28 | Tu iP 15 43 42 |
| | | e | | | 49 | i 46 41 |
| | | i | | 44 | 53 | |
| | R | iP | | 43 | 28 | |
| | | i | | 44 | 55 | Very distant |
| | Pr | i | | | 59 | |
| | | i | | 45 | 08 | |
| | H | iP | | 43 | 28 | |
| | T | iP | | | 27 | |
| | | i | | 44 | 49 | |
| May 21 | P | iPNEZ | 15 | 39 | 32 | Tu i 15 40 59 |
| | | iSNZ | | 40 | 28 | |
| | MW | iPEZ | | 39 | 35 | |
| | | iSNEZ | | 40 | 32 | |
| | R | iPNEZ | | 39 | 40 | |
| | | eSE | | 40 | 42 | |
| | Pr | iPNEZ | | 39 | 44 | 33.0 N. 123.5 W., |
| | | iSEZ | | 40 | 50 | O = 15:38:28 |
| | LJ | iPEZ | | 39 | 39 | |
| | | iSNE | | 40 | 42 | Magnitude 4.8 |
| | SB | iP | | 39 | 17 | Very short periods in both |
| | | iSNEZ | | 40 | 02 | P and S |
| | H | iPEZ | | 39 | 48 | |
| | | iSNE | | 40 | 58 | |
| | T | iPNEZ | | 39 | 55 | |
| | | iSNEZ | | 41 | 05 | |
| May 21 | MW | eP | 18 | 51 | 10 | Tu eP 18 50 59 |
| | R | eP | | | 08 | |
| | Pr | iP | | 50 | 55 | |
| | H | eP | | 51 | 24 | |
| | T | eP | | | 23 | |
| May 21 | P | eP | 20 | 03 | 50 | Tu iP 20 03 10 c |
| | MW | iP | | | 51 | c |
| | R | iP | | | 47 | |
| | Pr | iP | | | 55 | |
| | T | iP | | 04 | 04 | c |
| May 22 | T | iP | 02 | 33 | 44 | Tu iP 02 33 57 d |
| May 22 | MW | eP | 11 | 09 | 32 | Tu eP 11 10 11 |
| | | e | | | 42 | i 20 |
| | | iP | | | 44 | e 12 16 |
| | Pr | iP | | | 23 | |
| | H | eP | | | 15 | |
| | T | e | | | 26 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|---------|----|----|----|-------------------------------|
| May 22 | T | eP | 12 | 08 | 54 | |
| May 22 | P | eP | 19 | 35 | 08 | Tu eP 19 35 22 |
| | | iPP | | | 39 | ePP 39 40 |
| | PX | eGN | 20 | 01 | 07 | |
| | MW | eP | 19 | 35 | 05 | Wellington: 42.5 S. 172.9 E., |
| | | iPP | | | 39 | O = 19:21.5 |
| | R | eP | | | 35 | magnitude about 6 |
| | | ePP | | | 39 | Maximum intensity VII |
| | Pr | eP | | | 35 | Pasadena: A T |
| | T | eP | | | 20 | MH 20 20 |
| May 22 | P | ePP | 19 | 39 | 24 | |
| | | iPNEZ! | | 44 | 02 | c Tu iP 19 44 47 |
| | | i | | | 21 | i 45 11 |
| | | i | | | 26 | i 25 |
| | | iScP | | 49 | 16 | iScP 49 40 |
| | PX | eSNE | | 49 | 09 | |
| | | iScSNE | | 53 | 46 | |
| | MW | iPNEZ! | | 44 | 03 | c |
| | | i | | | 27 | |
| | | iScP | | 49 | 16 | |
| | R | iP | | 44 | 07 | c |
| | | i | | | 14 | |
| | | i | | | 30 | |
| | | iScP | | 49 | 18 | |
| | Pr | iPNEZ! | | 44 | 14 | |
| | | i | | | 36 | Aleutian Is. |
| | | i | | | 47 | Depth 100 km? |
| | | iE | | 46 | 13 | |
| | | iScP | | 49 | 22 | |
| | | eScSNE | | 53 | 56 | |
| | LJ | iPNEZ | | 44 | 15 | c |
| | SB | iPNEZ | | 43 | 56 | c |
| | | i | | 44 | 18 | |
| | H | iPNEZ | | 43 | 54 | c |
| | | i | | 44 | 10 | c |
| | | i | | | 20 | |
| | | i | | 45 | 26 | |
| | T | iPNEZ! | | 43 | 49 | c |
| | | i | | 44 | 12 | |
| | | i | | | 20 | |
| | | i | | 45 | 24 | |
| | | iScP | | 49 | 09 | |
| | | eScSNEZ | | 53 | 37 | |
| May 22 | P | iP | 19 | 49 | 50 | |
| | | ePP | | 53 | 49 | |
| | MW | iP | | 49 | 54 | Wellington 42.5 S. 172.9 E., |
| | | iPP | | 53 | 53 | O = 19:36.3 |
| | R | iP | | 49 | 51 | Magnitude about 5 3/4 |
| | | ePP | | 53 | 55 | Maximum intensity V |
| | Pr | iP | | 49 | 56 | |
| | | iPP | | 53 | 59 | |
| May 23 | P | iP | 03 | 58 | 22 | Tu iP 03 57 51 |
| | MW | iP | | | 22 | epP 58 26 |
| | R | iP | | | 19 | |
| | | epP | | | 54 | |
| | H | eP | | | 30 | |
| | T | iP | | | 34 | |
| | | epP | | 59 | 09 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|----------------|
| May 23 | P | iPEZ | 04 | 24 | 55 | Tu iP 04 25 21 |
| | | ipP | | 25 | 17 | |
| | PX | e | | 28 | 19 | 26 05 |
| | | iPPEZ | | 34 | 47 | 29 00 |
| | MW | eSE | | 35 | 16 | 54 17 |
| | | iNE | | 36 | 08 | |
| | R | iE | | 24 | 56 | |
| | | ipP | | 25 | 16 | |
| | Pr | iP | | 24 | 59 | |
| | | ipP | | 25 | 21 | |
| | H | iE | | 25 | 40 | |
| | | ipP | | 28 | 23 | |
| | T | iPP | | 24 | 59 | |
| | | ipP | | 25 | 23 | |
| | H | iPPE | | 28 | 25 | |
| | | iNE | | 35 | 11 | |
| | T | eP | | 25 | 01 | |
| | | ipP | | 21 | 29 | |
| | P | iPP | | 28 | 27 | |
| | | ipP | | 25 | 02 | |
| | MW | ipP | | 28 | 46 | |
| | | iPP | | 28 | 28 | |
| | R | eN | | 35 | 31 | |
| iP | | 09 | | 26 | 16 | |
| Pr | iP | | 17 | 17 | | |
| | iPP | | 29 | 53 | | |
| H | iP | | 26 | 19 | | |
| | ipP | | 22 | 22 | | |
| T | eP | | 29 | 52 | | |
| | iP | | 26 | 11 | | |
| P | i | | 07 | 07 | | |
| | i | | 12 | 27 | | |
| MW | iP | | 12 | 13 | 05 | |
| | ipP | | 05 | 05 | dd | |
| Pr | iP | | 09 | 09 | dd | |
| | ipP | | 12 | 12 | dd | |
| SB | iP | | 02 | 02 | | |
| | ipP | | 02 | 02 | | |
| H | iP | | 12 | 59 | d | |
| | ipP | | 12 | 52 | | |
| T | eP | | 12 | 42 | | |
| | eP | | 52 | 53 | | |
| MW | eP | | 17 | 58 | | |
| | eP | | 59 | 04 | | |
| T | eP | | 58 | 41 | | |
| | eP | | 50 | 50 | | |
| P | ipP | | 20 | 19 | 39 | |
| | eP | | 28 | 28 | | |
| MW | ipP | | 38 | 38 | | |
| | eP | | 32 | 32 | | |
| R | ipP | | 41 | 41 | | |
| | eP | | 18 | 18 | | |
| H | ipP | | 27 | 27 | | |
| | iP | | 12 | 12 | d | |
| T | ipP | | 22 | 22 | | |
| | i | | 31 | 31 | | |

USCGS: 18 S. 169 E.,
O = 04:12.5, h = 200 km.

PZ A T
MH 5 1 20

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|-------|-------|----|----|-------|------------------|
| May 23 | MW | iP | 22 | 55 | 14 | Tu iP 22 55 38 c |
| May 24 | MW | iP | 10 | 22 | 03 | Tu iP 10 18 47 |
| | | e | | 21 | 48 | |
| May 24 | Pr | iPNEZ | | 26 | 26 | iS 20 17 |
| | | i | | 50 | 50 | |
| May 24 | MW | eP | 10 | 28 | 51 | Tu iP 10 29 29 d |
| | | e | | 29 | 06 | |
| Pr | iP | | 28 | 28 | | |
| | i | | 29 | 00 | | |
| H | e | | 28 | 43 | | |
| | iP | | 25 | 25 | | |
| T | i | | 35 | 35 | | |
| | i | | 31 | 31 | | |
| May 24 | P | iPNEZ | 10 | 38 | 31 | Tu eP 10 40 25 |
| | | iSNEZ | | 35 | 35 | |
| MW | iPNEZ | | 32 | 32 | | |
| | iP | | 33 | 33 | d | |
| R | iP | | 42 | 42 | | |
| | iSNE | | 39 | 39 | | |
| Pr | iPNEZ | | 40 | 40 | | |
| | iPNZ | | 52 | 52 | | |
| LJ | eP | | 39 | 08 | | |
| | iP | | 25 | 25 | | |
| H | iP | | 10 | 45 | 44 | |
| | eP | | 46 | 46 | | |
| T | ipP | | 46 | 04 | | |
| | eP | | 48 | 22 | | |
| R | ePcP | | 45 | 59 | | |
| | e(P) | | 48 | 23 | | |
| Pr | iPcP | | 51 | 55 | | |
| | iScP | | 45 | 57 | | |
| H | eP | | 46 | 06 | | |
| | iPcP | | 48 | 26 | | |
| LJ | eP | | 45 | 58 | | |
| | i | | 45 | 45 | | |
| T | iPcP | | 48 | 19 | | |
| | eP | | 45 | 29 | | |
| P | i | | 48 | 37 | | |
| | ePcP | | 48 | 06 | | |
| MW | i | | 51 | 16 | | |
| | iScP | | 51 | 47 | | |
| May 24 | MW | iP | 20 | 53 | 31 | Tu iP 20 54 16 c |
| | | e | | 34 | 55 34 | |
| Pr | iP | | 17 | 17 | | |
| | e | | 22 | 22 | | |
| H | e | | 36 | 36 | | |
| | i(pP) | | 55 | 06 | | |
| May 25 | P | iP | 00 | 42 | 27 | |
| | | i | | 32 | 32 | |
| Pr | iP | | 42 | 42 | | |
| | iP | | 21 | 21 | | |
| T | eP | | 02 | 48 | 33 | |
| | iP | | 33 | 33 | | |
| MW | iP | | 35 | 35 | | |
| | ipP | | 35 | 35 | | |
| Pr | iP | | 43 | 43 | | |
| | eP | | 16 | 16 | | |
| T | eP | | 04 | 11 | 40 | |
| | eP | | 04 | 04 | | |

33°35' N. 118°01' W.,
O = 10:38:20
Magnitude 3.6
Felt at Huntington Beach and
Long Beach

Aleutian Is?

Tu eP 04 11 40
Near Apia which reports
P 04 00 48, S 04 02 04

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|-------|--------|----|------|--------------------|-------------------------|
| May 25 | P | eP" | 07 | 29 | 54 | Tu e 07 29 47 |
| | PX | ePPNE | | 30 | 22 | iP" 30 04 |
| | | ePPP | | 32 | 57 | ePKKP 41 07 |
| | | eSKSNE | | 36 | 35 | e 25 |
| | | eSN | | 37 | 47 | |
| | | ePS | | 39 | 26 | |
| | | eNE | | | 37 | USCGS: 30 N. 99½ E., |
| | P | ePKKP | | 41 | 24 | O = 07:11.3 |
| | | i | | | 34 | CMO: 29 N. 99 E. |
| | PX | eSSNE | | 45.3 | | BCIS: 30.5 N. 100.0 E., |
| | | eSSSNE | | 49.8 | | O = 07:11:23 |
| | | iGN | | 55.4 | | |
| | MW | e | | 30 | 05 | |
| | | iPKKP | | 41 | 43 | PPZ A T |
| | R | eP" | | 29 | 53 | PPH 1 4 |
| | iPKKP | | 41 | 34 | MH ½ 3 | |
| Pr | i | | 30 | 14 | MH 250 50 | |
| | ePKKP | | 41 | 18 | MH 80 20 | |
| | i | | | 49 | Magnitude 7¼ - 7½ | |
| | e | | 29 | 45 | | |
| | eP | | 25 | 54 | | |
| May 25 | R | iP" | 12 | 02 | 04 | Tu iP 12 02 25 |
| | Pr | iP | | | 05 | |
| | T | iP | | | 05 | |
| May 25 | P | eP | 12 | 37 | 24 | Tu eP 12 36 40 |
| | MW | i | | 30 | 24 | e 44 |
| | | e | | | 31 | |
| | | e | | | 56 | |
| | R | iP | | | 19 | |
| | | i | | | 26 | |
| | | i | | 38 | 07 | |
| | Pr | eP | | 37 | 19 | |
| | H | eP | | | 31 | |
| | T | iP | | | 27 | |
| May 25 | P | iPNEZ | 15 | 15 | 57 | Tu iP 15 17 09 c |
| | PX | eSE | | 18 | 16 | i 22 |
| | | eLNZ | | 18.7 | | i 31 |
| | MW | iPNEZ | | 15 | 57 c | i 58 |
| | R | iPNEZ | | 16 | 03 | |
| | Pr | iPEZ | | | 13 c | |
| | | iNEZ | | | 24 | USCGS: 43½ N. 127 W., |
| | | iN | | 17 | 13 | O = 15:13.2 |
| | SB | eP | | 15 | 45 | |
| | H | iPNEZ | | | 39 | PH A T |
| T | eP | | | 27 | PH 2 5 | |
| | iEZ | | | 29 | MH 3 8 Magnitude 5 | |
| May 26 | R | iP | 01 | 50 | 13 | Tu iP 01 50 27 |
| | Pr | iP | | | 14 | |
| | T | eP | | | 15 | |
| May 26 | P | iPNEZ | 09 | 23 | 30 d | Tu iP 09 24 12 d |
| | | i | | | 39 | |
| | | i | | | 49 | |
| | | i | | | 26 | |
| | PX | iSNE | | 28 | 50 | |
| | | iE | | 29 | 07 | |
| | P | iScPZ | | | 56 | |
| | PX | eLNE | | 30.8 | | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|--------|-------|----|------|-------------------|----------------------|
| May 26 | MW | iP | 09 | 23 | 31 d | (continued) |
| | | i | | 26 | 13 | |
| | | iScP | | 30 | 12 | |
| | R | iP | | 23 | 35 d | USCGS: 56 N. 156 W., |
| | | i | | | 44 | O = 09:16.7 |
| | | iScP | | 30 | 00 | BCIS: 56½ N. 154 W., |
| | Pr | iPNEZ | | | 42 d | O = 09:16:52 |
| | | iNZ | | | 51 | |
| | | iSNE | | 29 | 12 | A T |
| | | iScP | | 30 | 14 | PH ½ 2 |
| | | iScSN | | 34 | 07 | PZ ¼ 1 |
| | LJ | eP | | 23 | 44 | SH 5 9 |
| | SB | eP | | | 22 | MH 15 20 |
| | H | iP | | | 20 | |
| | | e | | | 43 | Magnitude 6 |
| | i | | | 26 | | |
| | iPNEZ | | | 23 | | |
| | i | | | 21 | | |
| | eSNE | | 28 | 19 | | |
| | iScP | | 29 | 50 | | |
| | eScSN | | 33 | 36 | | |
| May 26 | P | eP | 14 | 02 | 09 | Tu iP 14 01 19 |
| | PX | eLN | | 05.7 | | |
| | MW | eP | | 02 | 15 | |
| | R | eP | | | 10 | |
| | Pr | eP | | 01 | 57 | |
| | | i | | 02 | 11 | |
| | | e(P) | | 02 | 41 | |
| | | e(P) | | | 48 | |
| | T | eP | | 06 | 22 | 58 Tu eP 06 22 02 |
| | May 27 | MW | e | 06 | 38 | 30 Tu eP 06 39 39 |
| Pr | i | | | 44 | e 51 | |
| T | eP | | | 37 | | |
| | e | | 38 | 30 | | |
| May 28 | P | iPNEZ | 05 | 46 | 24 c | Tu iP 05 45 45 c |
| | | ipP | | | 38 | ipP 59 |
| | | i | | | 54 | i 05 |
| | | e | | | 48 | |
| | PX | iSNE | | 54 | 44 | |
| | P | eP'P' | 06 | 15 | 44 c | USCGS: 12 S. 77 W., |
| | MW | iPNEZ | 05 | 46 | 24 c | O = 05:36.2 |
| | | i | | | 39 | |
| | R | eP'P' | 06 | 15 | 46 c | |
| | | iPNEZ | 05 | 46 | 20 c | |
| | ipP | | | 35 | | |
| Pr | iPNEZ | | | 18 c | PZ 1 1½ | |
| | ipP | | | 33 | PH 1 2 | |
| LJ | eP | | | 15 | pPZ 2 1½ | |
| | ipP | | | 29 | SH 2 6 | |
| SB | eP | | | 46 | | |
| | i | | | 47 | | |
| H | iP | | | 33 c | | |
| | ipP | | | 47 | | |
| T | iPNEZ | | | 46 c | | |
| | ipP | | | 53 | | |
| | i | | | 59 | | |
| May 28 | T | eP | 10 | 52 | 08 Tu eP 10 51 21 | |
| | i | | | 23 | e 47 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|------------------|
| May 28 | P | e | 14 | 56 | 14 | Tu e(P) 14 57 07 |
| | MW | e | | | 38 | |
| | | e | | | 37 | |
| | R | e | | 57 | 26 | |
| | H | e | | 56 | 41 | |
| | T | e | | | 33 | |
| | | e | | | 28 | |
| | | i | | | 32 | |
| May 29 | MW | i | 05 | 02 | 00 | Tu i(P) 05 01 57 |
| | T | iP | | 01 | 50 | Rumania, deep |
| May 29 | P | iP | 05 | 37 | 56 | Tu iP 05 38 30 |
| | H | eP | | | 33 | |
| | | e | | | 47 | |
| | T | iP | | | 26 | |
| | | e | | | 36 | |
| May 29 | T | eP | 14 | 15 | 25 | Tu eP 19 05 48 |
| May 29 | P | eP | 19 | 05 | 07 | |
| | MW | eP | | | 07 | |
| | | e | | | 17 | |
| | R | eP | | | 02 | |
| | | e | | | 11 | |
| | T | e? | | | 38 | |
| | | e | | | 44 | |
| May 29 | R | eP | 20 | 18 | 21 | Tu eP 20 17 21 |
| | T | eP | | | 49 | |
| May 31 | P | iPNZ | 03 | 17 | 24 | Tu eP 03 18 34 d |
| | PX | eLE | | 20 | 3 | |
| | MW | iPNZ | | 17 | 25 | d |
| | R | iP | | | 30 | dd |
| | Pr | iPNEZ | | | 41 | d |
| | | i | | | 44 | |
| May 31 | MW | eP | 07 | 00 | 17 | Tu iP 07 01 02 |
| | R | eP | | | 20 | |
| | Pr | iP | | | 22 | |
| | T | iP | 06 | 59 | 58 | |
| May 31 | P | iP | 08 | 35 | 36 | Tu iP 08 35 55 d |
| | MW | epP | | 36 | 51 | |
| | | iPNZ | | 35 | 37 | d |
| | | epP | | 36 | 53 | |
| | R | iP | | 35 | 39 | |
| | | i | | | 47 | |
| | | ipP | | 36 | 55 | |
| | Pr | iPNEZ | | 35 | 37 | Tonga region, |
| | | ipPNZ | | 36 | 54 | h = 320 km. |
| | | i | | 37 | 24 | |
| | H | iP | | 35 | 44 | |
| | | epP | | 37 | 02 | |
| | T | iP | | 35 | 45 | c |
| | | ipP | | 37 | 02 | |
| May 31 | P | iP | 15 | 06 | 57 | Tu iP 15 07 13 |
| | MW | iP | | | 57 | |
| | R | eP | | | 58 | |
| | Pr | iPNZ | | 07 | 03 | |
| | H | eP | | 06 | 45 | |
| | T | iP | | | 39 | |
| May 31 | P | iP | 19 | 30 | 51 | Tu iP 19 31 36 |
| | MW | iP | | | 52 | |
| | R | iP | | | 55 | |
| | Pr | iPNEZ | | 31 | 03 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|-------------------|
| June 1 | P | iPNEZ | 10 | 10 | 07 | Tu iP 10 10 29 c |
| | MW | iP | | | 07 | |
| | R | iP | | | 09 | |
| | Pr | iPNEZ | | | 09 | |
| | H | iP | | | 14 | |
| | T | iPNEZ | | | 15 | |
| June 1 | P | eP | 19 | 15 | 20 | Tu eP 19 15 23 |
| | MW | eP | | | 24 | |
| | | e | | 17 | 31 | |
| | R | eP | | 15 | 21 | |
| | Pr | eP | | | 29 | East Indies |
| | | e | | 18 | 42 | BCIS: 6 N. 95 E., |
| | | eP | | 15 | 18 | O = 18:56.2 |
| June 2 | P | iP | 13 | 45 | 05 | Tu iP 13 44 10 |
| | | i | | | 12 | |
| | | e | | | 17 | |
| | | e | | 47 | 48 | |
| | | iPcP | | 48 | 10 | |
| | PX | eLNE | | 54 | 1 | |
| | MW | iP | | 45 | 04 | d |
| | | i | | | 11 | |
| | R | iP | | 44 | 58 | d |
| | | i | | 45 | 06 | |
| | | e | | 47 | 00 | |
| | | iPcP | | 48 | 07 | |
| | Pr | iPNEZ | | 44 | 52 | d |
| | | iNZ | | 45 | 00 | |
| | LJ | eP | | 44 | 52 | JSA: 13 N. 94 W., |
| | | i | | 45 | 00 | O = 13:38:50 |
| | SB | eP | | | 04 | |
| | | e | | | 15 | |
| | H | iP | | | 14 | A T |
| | | i | | | 21 | PZ 1 1 |
| | | iPNEZ | | | 20 | PH 2 2 |
| | T | i | | | 27 | MH 10 20 |
| | | iPcP | | 48 | 14 | |
| June 2 | MW | iP | 22 | 39 | 42 | Tu iP 22 38 58 |
| | R | iP | | | 38 | |
| | T | eP | | | 55 | |
| June 4 | P | iPNZ | 07 | 28 | 06 | Tu iP 07 28 02 |
| | | iSN | | | 53 | |
| | MW | iP | | | 07 | |
| | | iSN | | | 55 | |
| | R | eP | | 27 | 55 | |
| | | i | | | 57 | 32.0 N. 115.0 W., |
| | | iSEZ | | 28 | 38 | O = 07:27.2 |
| | Pr | iP | | 27 | 41 | |
| | | i | | | 45 | Magnitude 4.6 |
| | LJ | iPNEZ | | | 42 | |
| | | iSNZ | | 28 | 44 | |
| | H | ePEZ | | | 39 | |
| | | iS | | 29 | 47 | |
| | T | i | | 28 | 55 | |
| June 5 | P | e | 22 | 32 | 38 | Tu iP 22 33 18 |
| | MW | e | | | 32 | |
| | R | e | | | 42 | |
| | Pr | eP | | | 49 | |
| | T | iP | | | 15 | |
| | | i | | | 22 | |
| June 6 | MW | eP | 08 | 06 | 07 | Tu eP 08 05 13 |
| | T | e | | | 08 | |
| | | e | | | 25 | |

| Date | Sta. | Phase | h | m | s | Remarks | | | | | |
|--------|----------|-------|----|----|------|---------|-----|----|----|--|----|
| June 6 | Pr T | eP | 17 | 26 | 35 | Tu | iP | 17 | 27 | 00 | |
| | | iP | | 25 | 59 | | | | | | i |
| | | e | | 26 | 07 | | | | | | |
| June 6 | P R | eP | 21 | 35 | 43 | Tu | iP | 21 | 36 | 09 | |
| | | eP | | 41 | e | | | | | | |
| | | e | | 47 | | | | | | | |
| June 7 | T P | e(P) | 03 | 36 | 02 | Tu | iP | 03 | 36 | 41 c | |
| | | iP | | 15 | i | | | | | | |
| | | e | | 26 | | | | | | | |
| June 7 | MW | iP | 38 | 38 | 56 | i | i | 37 | 37 | 30 | |
| | | e | | 36 | 03 | | | | | | |
| | | i | | 24 | | | | | | | |
| June 7 | R | eP | 36 | 06 | 36 | e | e | 41 | 16 | | |
| | | e | | 37 | 35 | | | | | | |
| | | e | | 38 | 05 | | | | | | |
| June 7 | Pr | iP | 36 | 13 | 59 | i | i | 39 | 30 | | |
| | | i | | 18 | | | | | | | |
| | | i | | 38 | 48 | | | | | | |
| June 7 | H | eP | 36 | 03 | 57 | e | e | 41 | 16 | | |
| | | i | | 37 | 31 | | | | | | |
| | | i | | 35 | 49 c | | | | | | |
| June 7 | T | iPEZ | 13 | 18 | 14 | Tu | eP | 13 | 17 | 22 | |
| | | e(P) | | 19 | 28 | | | | | | i |
| | | iSE | | 18 | 17 | | | | | | |
| June 7 | MW | eSE | 19 | 33 | 34 | i | i | 18 | 15 | Probably Gulf of California Magnitude about 5 | |
| | | iP | | 18 | 07 | | | | | | |
| | | eP | | 17 | 42 | | | | | | |
| June 7 | P | iS | 15 | 18 | 51 | Tu | eP | 15 | 07 | 25 | |
| | | iPNZ | | 06 | 21 | | | | | | |
| | | iSNEZ | | 07 | 05 | | | | | | |
| June 7 | MW | iP | 07 | 18 | 22 | i | i | 37 | 12 | N. 118°42' W. O = 15:05:22 Magnitude 4.2 | |
| | | eSE | | 06 | 20 | | | | | | |
| | | iPNZ | | 07 | 02 | | | | | | |
| June 7 | SB | eP | 06 | 18 | 56 | e | e | 47 | d | Felt at Bishop, Independence and Laws, California | |
| | | iSN | | 07 | 03 | | | | | | |
| | | iPNEZ | | 06 | 47 d | | | | | | |
| June 8 | P | iSE | 03 | 32 | 51 | Tu | eP | 03 | 32 | 44 | |
| | | iPNEZ | | 07 | 04 | | | | | | |
| | | iSNEZ | | 05 | 30 d | | | | | | |
| June 8 | PX MW | eL | 04 | 38 | 3 | Tu | ePP | 38 | 17 | Indian Ocean Distant about 175° BCIS: 35 S. 55 E. O = 03:12.4 | |
| | | eP | | 03 | 32 | | | | | | 50 |
| | | e | | 34 | 28 | | | | | | |
| June 8 | R | eP | 32 | 49 | 58 | e | e | 38 | 11 | | |
| | | e | | 32 | 49 | | | | | | |
| | | ePP | | 38 | 11 | | | | | | |
| June 8 | H T | eP | 32 | 49 | 50 | e | e | 39 | 49 | 10 | |
| | | eP | | 32 | 49 | | | | | | |
| | | eP | | 32 | 49 | | | | | | |

| Date | Sta. | Phase | h | m | s | Remarks | | | | | |
|--------|--------------|--------|----|----|----|---|----|----|----|------|----|
| June 8 | P MW R | iP | 04 | 01 | 38 | Tu | iP | 04 | 00 | 48 c | |
| | | iP | | | 37 | | | | | | |
| | | iP | | | 32 | | | | | | |
| June 8 | Pr T P | iPNEZ | 07 | 07 | 51 | Tu | iP | 07 | 08 | 14 | |
| | | eP | | | 51 | | | | | | |
| | | e | | | 00 | | | | | | |
| June 8 | MW R | eP | 07 | 07 | 51 | Small surface waves recorded at Pasadena | | | | | |
| | | eP | | | 51 | | | | | | |
| | | e | | | 00 | | | | | | |
| June 9 | Pr H T | iP | 07 | 08 | 53 | e | e | 07 | 59 | | |
| | | i | | | 08 | | | | | | 02 |
| | | eP | | | 07 | | | | | | 09 |
| June 9 | P | e(P) | 02 | 22 | 10 | Tu | iP | 02 | 23 | 05 d | |
| | | i((P)) | | | 13 | | | | | | |
| | | i | | | 20 | | | | | | 14 |
| June 9 | MW | iP | 02 | 45 | 20 | Tu | iP | 02 | 46 | 02 | |
| | | i | | | 29 | | | | | | 11 |
| | | i | | | 31 | | | | | | |
| June 9 | Pr | iP | 02 | 45 | 39 | Tu | iP | 02 | 46 | 02 | |
| | | i | | | 49 | | | | | | |
| | | i | | | 06 | | | | | | |
| June 9 | T | eP | 02 | 45 | 15 | Tu | iP | 02 | 46 | 02 | |
| | | i | | | 19 | | | | | | |
| | | i | | | 18 | | | | | | |
| June 9 | MW | iP | 02 | 45 | 26 | Tu | iP | 02 | 46 | 02 | |
| | | i | | | 28 | | | | | | |
| | | i | | | 37 | | | | | | |
| June 9 | Pr | iP | 08 | 23 | 47 | Tu | eP | 08 | 22 | 55 | |
| | | i | | | 03 | | | | | | 55 |
| | | i | | | 12 | | | | | | |
| June 9 | R | eP | 08 | 23 | 37 | Tu | eP | 08 | 22 | 55 | |
| | | eS | | | 24 | | | | | | 37 |
| | | iS | | | 23 | | | | | | 53 |
| June 9 | Pr | eS | 13 | 21 | 48 | Tu | iP | 13 | 21 | 40 | |
| | | eP | | | 16 | | | | | | |
| | | e | | | 29 | | | | | | |
| June 9 | P | eP | 13 | 21 | 16 | Tu | iP | 13 | 21 | 40 | |
| | | e | | | 19 | | | | | | |
| | | e | | | 32 | | | | | | |
| June 9 | MW | iP | 19 | 48 | 32 | Tu | iP | 19 | 48 | 16 c | |
| | | i | | | 13 | | | | | | |
| | | i | | | 26 | | | | | | |
| June 9 | Pr | iP | 19 | 48 | 39 | Near Apia, which reports: iP 19 37 23, iS 19 38 06 | | | | | |
| | | i | | | 55 | | | | | | |
| | | i | | | 51 | | | | | | |
| June 9 | P | iP | 21 | 44 | 28 | Tu | iP | 21 | 44 | 51 d | |
| | | eP | | | 28 | | | | | | |
| | | e | | | 30 | | | | | | |
| June 9 | R | iP | 23 | 49 | 31 | Tu | iP | 23 | 48 | 57 | |
| | | i | | | 49 | | | | | | 03 |
| | | e | | | 59 | | | | | | |
| June 9 | Pr | eP | 23 | 49 | 48 | Tu | iP | 23 | 48 | 57 | |
| | | i | | | 39 | | | | | | |
| | | i | | | 48 | | | | | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|---------------------------|
| June 12 | P | eP | 00 | 43 | 52 | |
| | | i | | 44 | 19 | |
| | MW | eP | | 43 | 55 | |
| | | i | | 44 | 21 | |
| | R | eP | | 43 | 57 | |
| | | i | | 44 | 24 | |
| | Pr | iP | | 43 | 59 | |
| | | i | | 44 | 23 | |
| | T | iP | | 43 | 56 | |
| | | e | | 44 | 08 | |
| | | e | | | 21 | |
| June 12 | P | iP | 07 | 15 | 05 | Tu eP 07 15 22 |
| | MW | iP | | 14 | 56 | i 28 |
| | | i | | 15 | 03 | |
| | Pr | i | | | 06 | Near Apia, which reports: |
| | H | eP | | | 10 | iP 07 04 00 |
| | T | eP | | | 05 | iS 04 50 |
| | | iP | | | 11 | |
| June 12 | T | iP | 10 | 21 | 39 | Tu iP 10 21 55 |
| June 12 | P | eP | 22 | 45 | 33 | Tu eP 22 46 11 |
| | MW | iP | | | 34 | |
| | R | eP | | | 39 | |
| | Pr | eP | | | 35 | |
| | T | iP | | | 20 | |
| June 13 | MW | eP | 19 | 48 | 43 | Tu eP 19 49 34 |
| | R | eP | | | 48 | |
| | T | iP | | | 15 | |
| June 14 | P | eP | 09 | 28 | 41 | Tu iP 09 27 58 d |
| | MW | iP | | | 40 | i 28 36 |
| | | i | | | 29 | i 55 |
| | | i | | | 30 | |
| | R | iP | | | 28 | 35 |
| | | e | | | 29 | 13 |
| | Pr | iP | | | 28 | 30 |
| | | e | | | 29 | 05 |
| | | e | | | 22 | |
| | T | iP | | | 28 | 53 d |
| | | i | | | 29 | 26 |
| June 14 | P | iP | 10 | 10 | 24 | Tu e 10 14 35 |
| | | i | | | 56 | |
| | MW | eP | | | 24 | |
| | | i | | | 46 | |
| | R | eP | | | 25 | |
| | | e | | | 48 | |
| | | e | | | 13 | 57 |
| | T | eP | | | 10 | 23 |
| | | e | | | | 48 |
| | | e | | | 14 | 23 |
| June 14 | T | iP | 11 | 06 | 38 | Tu eP 11 07 49 |
| June 15 | Pr | iP | 05 | 44 | 43 | Tu eP 05 45 03 |
| | T | iP | | | 47 | |
| June 15 | P | iPEZ | 11 | 57 | 11 | Tu eP 11 57 42 |
| | | ipP | | | 22 | iPP 12 01 13 |
| | | i | | | 33 | eP'P' 23 21 |
| | | i | | | 43 | |
| | | i | | | 50 | |
| | | iPP | 12 | 00 | 22 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-----------------------|
| June 15 | PX | iSNE | 12 | 07 | 30 | (continued) |
| | | iNE | | | 50 | |
| | | iNE | | 08 | 11 | |
| | | eSSN | | 12 | 54 | |
| | | eGN | | 19 | 2 | |
| | | iLN | | 23 | 27 | |
| | MW | iPNEZ | 11 | 57 | 12 | |
| | | ipP | | | 25 | |
| | | i | | | 41 | |
| | R | iPNEZ | | | 15 | |
| | | ipP | | | 26 | USCGS: 33½ N. 136 E., |
| | | i | | | 38 | O=11:44.7 |
| | Pr | iPNEZ | | | 18 | |
| | | ipP | | | 30 | |
| | | i | | | 41 | |
| | | iPP | 12 | 00 | 36 | A T |
| | | i | | | 47 | PZ 1½ 1½ |
| | | eSNE | | 07 | 45 | PH 1 2½ |
| | | e | | 08 | 53 | SH 2 4 |
| | | eP | | 11 | 57 | MH 12 20 |
| | LJ | ipP | | | 32 | Magnitude 7 |
| | | eP | | | 09 | |
| | SB | ipP | | | 19 | |
| | | iPNEZ | | | 08 | |
| | H | ipP | | | 17 | |
| | | eSN | 12 | 07 | 23 | |
| | T | iPNEZ | 11 | 57 | 04 | |
| | | ipP | | | 16 | |
| | | i | | | 25 | |
| | | eSNE | 12 | 07 | 17 | |
| | | eP'P' | | 23 | 44 | |
| June 15 | P | iP | 16 | 51 | 30 | Tu iP 16 51 52 d |
| | MW | iP | | | 32 | e 52 10 |
| | | i | | | 45 | e 36 |
| | R | iP | | | 28 | |
| | | i | | | 43 | |
| | Pr | iP | | | 33 | |
| | | e | | | 42 | |
| | | e | | | 50 | |
| | H | eP | | | 38 | |
| | | e | | | 48 | |
| | | e | | | 54 | |
| | T | iP | | | 41 | d |
| | | e | | | 49 | |
| June 15 | P | iP | 18 | 28 | 25 | Tu eP 18 28 58 |
| | | e | | | 37 | |
| | MW | iP | | | 26 | d |
| | | i | | | 34 | |
| | R | iP | | | 28 | d |
| | Pr | iP | | | 32 | |
| June 15 | P | e | 21 | 15 | 18 | |
| | MW | e | | | 20 | |
| | Pr | e (P) | | | 31 | |
| | T | iP | | | 22 | |
| June 16 | P | eP | 00 | 23 | 15 | Tu eP 00 23 50 |
| | | e | | | 22 | i 24 02 |
| | | e | | | 27 | i 10 |
| | MW | eP | | | 16 | |
| | | i | | | 23 | |
| | | i | | | 28 | |
| | Pr | i | | | 35 | |
| | | i | | | 38 | |
| | T | i | | | 10 | |
| | | i | | | 15 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|-------|------------------|
| June 16 | Pr | iP | 11 | 14 | 19 | Tu iP 11 14 40 |
| | T | iP | | | 24 | |
| June 16 | P | iP | 13 | 38 | 55 | |
| | MW | iP | | | 57 | |
| | Pr | iP | | | 39 01 | |
| | T | iP | | | 38 57 | |
| June 17 | P | e | 10 | 45 | 39 | Tu iP 10 44 38 |
| | MW | e | | | 38 45 | |
| | R | eP | | | 23 | |
| | Pr | iP | | | 25 | |
| | T | e | | | 34 | |
| June 18 | P | iPNEZ | 01 | 06 | 55 d | Tu eP 01 07 24 |
| | | ipP | | | 07 08 | |
| | | isP | | | 16 17 | |
| | | i | | | 38 03 | |
| | | i | | | 10 34 | |
| | PX | iSKSE | | | 17 21 | |
| | | iSN | | | 49 | |
| | | iPS | | | 18 24 | |
| | | iPPSE | | | 19 15 | |
| | | eSSN | | | 24 0 | |
| | | eGN | | | 30 7 | |
| | MW | iPEZ | | | 06 56 | |
| | | i | | | 07 23 | |
| | | eN | | | 17 24 | |
| | R | iP | | | 06 58 | |
| | | i | | | 07 17 | |
| | | i | | | 17 24 | |
| | | eSKSE | | | 17 27 | |
| | Pr | iPEZ | | | 07 00 | |
| | | i | | | 13 | |
| | | i | | | 20 | |
| | | i | | | 10 36 | |
| | | i | | | 58 | |
| | | iSNE | | | 17 30 | |
| | | iN | | | 18 02 | |
| | LJ | eP | | | 06 57 | |
| | | e | | | 07 17 | |
| | H | iP | | | 06 58 | |
| | T | iP | | | 58 c | |
| | | i | | | 07 18 | |
| | | eE | | | 17 11 | |
| June 18 | MW | eP | 04 | 45 | 25 | Tu eP 04 45 05 |
| | R | eP | | | 21 | |
| June 18 | P | iP | 06 | 18 | 18 | Tu iP 06 17 41 d |
| | | e | | | 37 47 | |
| | MW | iP | | | 18 13 | |
| | | i | | | 23 | |
| | | i | | | 15 d | |
| | | i | | | 35 | |
| | | i | | | 45 | |
| | Pr | iP | | | 10 33 | |
| | | i | | | 30 | |
| | T | e | | | 40 | |
| | | i | | | 53 | |
| June 18 | P | e | 10 | 36 | 35 | |
| | H | e(P) | | | 28 | |
| | T | iP | | | 11 | |
| | | iS | | | 54 | |

USCGS: 6 S. 155 E.,
O=OO: 53.9

| | |
|----------|-------|
| A | T |
| PZ 1 1 | 1 1 |
| PH 1 4 | 4 4 |
| SKSH 1 2 | 2 2 |
| SH 4 8 | 8 8 |
| GH 30 50 | 50 50 |
| MH 12 20 | 20 20 |

Magnitude about 7

Small earthquake felt at Ukiah,
California

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|------|----------|----------------|
| June 18 | P | iP | 10 | 37 | 08 | Tu iP 10 37 52 |
| | MW | iP | | | 09 38 | |
| | | i | | | 18 01 | |
| | | i | | | 30 07 | |
| | | i | | | 12 14 | |
| | R | eP | | | 19 19 | |
| | | i | | | 26 26 | |
| | | i | | | 18 c | |
| | Pr | iPNEZ | | | 27 27 | |
| | | i | | | 39 39 | |
| | LJ | eP | | | 18 27 | |
| | | e | | | 27 38 | |
| June 18 | R | eP | 16 | 59 | 38 | Tu iP 16 59 57 |
| | | e | | | 47 00 | |
| | | i | | | 39 23 | |
| | Pr | iP | | | 50 20 | |
| | | i | | | 17 00 14 | |
| | | e | | | 16 59 44 | |
| | T | eP | | | 23 07 33 | |
| June 19 | R | iP | | | 33 15 | Tu iP 23 07 15 |
| | Pr | iP | | | 33 21 | |
| | T | eP | | | 21 21 | |
| June 19 | P | iP | 23 | 24 | 14 | Tu eP 23 24 49 |
| | | i | | | 29 07 | |
| | R | iP | | | 16 25 | |
| | | i | | | 32 30 | |
| | Pr | iP | | | 20 35 | |
| | | i | | | 12 12 | |
| | SB | eP | | | 14 28 | |
| | H | eP | | | 12 12 | |
| | | i | | | 26 26 | |
| | T | iP | | | 08 39 58 | |
| June 20 | P | iP | 08 | 39 | 58 | Tu iP 08 40 22 |
| | Pr | iP | | | 40 00 | |
| | T | iP | | | 05 05 | |
| June 20 | P | eP | 08 | 56 | 40 | Tu eP 08 56 10 |
| | | e | | | 57 31 | |
| | PX | eN | 09 | 07.1 | 10 | |
| | | eLE | | | 19.5 30 | |
| | R | eP | 08 | 56 | 30 | |
| | | e | | | 50 50 | |
| | Pr | eP | | | 27 40 | |
| | T | eP | | | 40 40 | |
| | | e | | | 57 08 | |
| June 20 | P | iP | 17 | 34 | 46 | Tu iP 17 33 52 |
| | | i | | | 54 57 | |
| | | iPcP | | | 37 08 | |
| | R | iP | | | 34 37 | |
| | | i | | | 40 40 | |
| | | i | | | 49 49 | |
| | | ePcP | | | 37 21 | |
| | Pr | iP | | | 34 35 | |
| | | i | | | 45 45 | |
| | | ePcP | | | 37 20 | |
| | T | iP | | | 35 01 | |
| | | iPcP | | | 37 29 | |

Near Apia, which reports:
iP 16 49 20
iS 51 00

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|------|------|--------------------------|
| June 21 | P | e | 12 | 23 | 23 | Tu i 12 24 11 |
| | PX | e | | | 59 | iPP 25 13 |
| | | iPP | | 24 | 28 | i 26 15 |
| | | iSKSE | | 30 | 46 | |
| | | ePSEZ | | 33.6 | | Batavia: 0.6 N. 128.6 E. |
| | | eLEZ | | 55.7 | | USCGS: 3 N. 126 E., |
| | R | eP | | 20 | 05 | O=12:05.4 |
| | | e | | 24 | 11 | |
| | | iPP | | 40 | | |
| | T | eP | | 19 | 55 | MH A T |
| | | i | | 20 | 36 | 10 20 |
| | | i | | 23 | 57 | |
| | | i | | 24 | 28 | |
| June 21 | R | ePP | 14 | 16 | 56 | Tu e 14 16 08 |
| | T | e | | | 02 | After shock |
| June 22 | R | e | 21 | 59 | 30 | Tu i 21 59 34 |
| | | i | 22 | 00 | 26 | e 22 00 51 |
| | Pr | i | | | 33 | |
| June 23 | R | iP | 00 | 48 | 59 | Tu iP 00 48 19 c |
| | Pr | iP | | | 53 c | |
| | T | iP | | 49 | 17 | |
| June 24 | P | iP | 00 | 00 | 02 c | Tu iP 00 00 21 c |
| | MW | iP | | | 03 c | |
| | R | iP | | | 04 c | |
| | Pr | iP | | | 05 c | |
| | T | iP | | | 10 c | |
| June 24 | MW | eP | 05 | 47 | 14 | Tu iP 05 46 57 |
| | R | eP | | | 12 | |
| | Pr | eP | | | 09 | |
| | T | iP | | | 31 | |
| June 24 | MW | iP | 10 | 51 | 21 | Tu iP 10 51 45 |
| | Pr | iP | | | 23 | |
| | T | iP | | | 30 | |
| June 24 | R | iP | 21 | 17 | 50 | Tu iP 21 18 10 |
| | T | iP | | | 00 | |
| June 25 | P | iP | 09 | 28 | 05 d | Tu iP 09 27 20 d |
| | | i | | | 20 | |
| | | ipP | | | 48 | |
| | | e | | | 29 | |
| | MW | iP | | | 28 | |
| | | i | | | 18 | |
| | | ipP | | | 49 | |
| | | e | | | 29 | |
| | R | iP | | | 28 | |
| | | ipP | | | 47 | |
| | | e | | | 29 | |
| | Pr | iPNE | | | 27 | |
| | H | eP | | | 28 | |
| | T | iP | | | 19 | |
| | | ipP | | | 03 | |
| June 25 | P | e | 15 | 27 | 26 | Tu iP 15 28 13 |
| | MW | e | | | 28 | |
| | | iPcP | | | 29 | |
| | R | eP | | | 27 | |
| | | i | | | 42 | |
| | | iPcP | | | 29 | |
| | Pr | ePNE | | | 27 | |
| | T | eP | | | 17 | |
| | | iPcP | | | 29 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|------|-----------------------------------|
| June 26 | P | iP | 01 | 41 | 49 d | Tu iP 01 42 13 d |
| | MW | iP | | | 50 d | |
| | | i | | | 09 | |
| | | i | | | 42 | |
| | | iP | | | 41 | |
| | R | iP | | | 52 | |
| | Pr | iP | | | 52 d | Apia reports a slight local shock |
| | SB | eP | | | 46 | with S at 01 34 11 |
| | H | eP | | | 58 | |
| | T | iPEZ | | | 58 | |
| June 26 | MW | iP | 02 | 32 | 33 | Tu eP 02 31 59 |
| | R | iP | | | 30 c | |
| | T | iP | | | 45 | |
| June 26 | MW | iP | 10 | 17 | 49 | Tu iP 10 18 12 |
| | T | iP | | | 58 | Near Apia |
| June 26 | P | iPNEZ | 12 | 15 | 06 | Tu iP 12 15 32 d |
| | MW | iP | | | 06 c | |
| | | e | | | 18 | |
| | | iP | | | 15 | |
| | R | iP | | | 08 c | |
| | Pr | iPNEZ! | | | 08 c | |
| | LJ | iP | | | 08 | |
| | H | iPNEZ | | | 10 c | |
| | T | iPNEZ | | | 11 c | |
| June 26 | Pr | iP | 13 | 40 | 24 | Tu iP 13 39 44 |
| June 26 | MW | iP | 19 | 31 | 37 | Tu iP 19 32 01 |
| | R | eP | | | 37 | Near Apia, which reports: |
| | Pr | iP | | | 39 | iP 19 21 00, iS 19 21 29 |
| June 27 | P | iPNEZ | 12 | 55 | 08 c | Tu iP! 12 54 12 c |
| | | ipPEZ | | | 20 c | |
| | | i | | | 52 | |
| | | i | | | 15 | |
| | PX | iSNEZ! | 13 | 00 | 36 | USCGS: 17 N. 85 W., |
| | | eE | | | 03 | O=12:48.3 |
| | | iScSNE | | | 05 | |
| | | eLNE | | | 07.1 | |
| | MW | iPNEZ | 12 | 55 | 08 c | |
| | | ipPZ | | | 21 | |
| | | i | | | 56 | |
| | R | iPNEZ | | | 55 | |
| | | i | | | 07 | |
| | | ipP! | | | 15 | |
| | | i | | | 37 | |
| | | i | | | 56 | |
| | | i | | | 20 | |
| | | i | | | 39 | |
| | Pr | iPNEZ! | | | 54 | |
| | | i | | | 55 | |
| | | i | | | 33 | |
| | | i | | | 56 | |
| | | eN | | | 58 | |
| | | iSN | 13 | 00 | 14 | |
| | | eE | | | 04 | |
| | | iScSN | | | 05 | |
| | LJ | iPNEZ | 12 | 54 | 59 c | |
| | | i | | | 55 | |
| | | i | | | 40 | |
| | | i | | | 56 | |
| | | eSE | 13 | 00 | 18 | |
| | SB | iPNEZ | 12 | 55 | 20 c | |
| | | i | | | 32 | |
| | | i | | | 43 | |
| | | i | | | 56 | |
| | | i | | | 54 | |
| | | eSE | 13 | 00 | 59 | |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|------|----|---------------------------------------|
| June 27 | H | iPNEZ | 12 | 55 | 13 | c (continued) |
| | | i | | 27 | | |
| | | i | | 56 | 46 | |
| | | i | | 57 | 32 | |
| | T | iPNEZ | | 55 | 18 | c |
| | | ipP! | | | 32 | d |
| | | iEZ | | 56 | 42 | |
| June 27 | P | iP | 21 | 46 | 00 | Tu iP 21 46 49 |
| | PX | iSNE | | 51 | 26 | |
| | | eGE | | 54.3 | | USCGS: 56 N. 158 W., O=21:39.2 |
| | MW | iP | | 46 | 04 | |
| | R | iP | | | 08 | |
| | Pr | iP | | | 15 | d |
| | SB | eP | | 45 | 57 | |
| | H | iP | | | 53 | MH A T 20 20 |
| | T | iP | | | 43 | |
| June 28 | P | ePNEZ | 07 | 25 | 48 | Tu eP 07 26 18 |
| | | i | | 26 | 00 | 30 |
| | PX | iSE | | 35 | 59 | |
| | | eGE | | 46.5 | | |
| | MW | iP | | 25 | 48 | Destructive at Fukui, Japan |
| | | i | | 26 | 01 | |
| | | iPP | | 28 | 57 | |
| | R | iP | | 25 | 51 | USCGS: 36 N. 136 1/2 E., O=07:13.5 |
| | | i | | 26 | 03 | |
| | Pr | iPP | | 29 | 10 | |
| | | iPNZ | | 25 | 54 | A T 2 2 |
| | | iNEZ! | | | 58 | |
| | | i! | | 26 | 07 | PH 2 5 |
| | | iPPEZ | | 29 | 16 | SH 5 5 |
| | | eSNE | | 36 | 17 | GH 100 45 |
| | | iN | | | 43 | MH 50 20 |
| | | i | | 37 | 10 | |
| | LJ | iP | | 25 | 58 | Magnitude 7 1/4 |
| | | i | | 26 | 07 | |
| | | eSN | | 36 | 18 | |
| | SB | iPNZ | | 25 | 43 | |
| | H | iPNEZ | | | 43 | |
| | | i | | | 52 | |
| | | iPP | | 28 | 21 | |
| | T | iPNEZ | | 25 | 40 | |
| | | i | | | 53 | |
| June 28 | P | eSNE | 07 | 35 | 53 | Tu iP 07 32 32 |
| | | iP | | 32 | 01 | |
| | MW | iP | | | 02 | |
| | R | iP | | | 04 | |
| | Pr | iP | | | 09 | |
| | H | iP | | 31 | 57 | |
| | T | iP | | | 53 | |
| June 28 | P | eP | 11 | 48 | 20 | Tu iP 11 49 09 |
| | | i | | | 28 | 17 |
| | MW | iP | | | 21 | |
| | | i | | | 27 | |
| | | i | | | 51 | |
| | R | iP | | | 25 | |
| | | i | | | 33 | |
| | Pr | iP | | | 28 | |
| | | i | | | 34 | |
| | T | eP | | | 25 | |
| | | e | | | 31 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|------|-----------------------------------|
| June 28 | P | eP | 23 | 40 | 39 | Tu iP 23 41 25 |
| | | i | | | 49 | 32 |
| | | i | | | 40 | |
| | MW | iP | | | 47 | |
| | | i | | | 43 | |
| | | i | | | 50 | |
| | R | iP | | | 49 | |
| | Pr | iPNEZ | | | 57 | |
| | | i | | | 19 | |
| | T | eP | | | 27 | |
| June 29 | MW | eP | 05 | 12 | 24 | Tu eP 05 12 44 |
| | | eP | | | 26 | 48 |
| | R | iP | | | 26 | |
| | Pr | iP | | | 39 | Near Apia which reports: |
| | | i | | | 34 | iP 05 02 02 |
| | | iP | | | 34 | iS 03 42 |
| June 29 | P | iPNEZ! | 10 | 39 | 56 | Tu iP! 10 40 22 d |
| | | ipP! | | | 20 | d |
| | PX | iSPNE | | | 32 | |
| | | i | | | 47 | |
| | | i | | | 49 | 12 |
| | | iSNE | | | 58.0 | V at Apia, which reports: |
| | | iGNE | | | 59.8 | iP 10 29 06 |
| | | eR | | | 39 | iS 24 |
| | MW | iPNEZ | | | 40 | 57 d |
| | | i! | | | 11 | 16 |
| | | iSKPP! | 11 | 11 | 27 | Deep |
| | R | iPNEZ | 10 | 40 | 00 | USCGS: 16 S. 172 W., O=10:28.5 |
| | | i | | | 23 | |
| | | i | | | 28 | |
| | Pr | iSKPP! | 11 | 11 | 28 | |
| | | iPNEZ! | 10 | 39 | 59 | d |
| | | i! | | | 40 | 04 |
| | | i | | | 19 | |
| | | i | | | 42 | 34 |
| | | i | | | 49 | 22 |
| | | iSE | | | 11 | 06 |
| | | eP! | 11 | 11 | 30 | |
| | | iSKPP! | 10 | 39 | 57 | d |
| | LJ | iPNEZ | | | 40 | 21 |
| | | i | | | 39 | 52 |
| | SB | iPNEZ | | | 40 | 06 |
| | H | iPNEZ | | | 07 | d |
| | T | iPNEZ | | | 21 | d |
| | | i | | | 11 | 25 |
| June 29 | MW | iP | 11 | 25 | 30 | Tu iP 11 26 04 |
| | | iP | | | 39 | |
| | Pr | iP | | | 19 | |
| June 29 | P | iP | 15 | 00 | 38 | Tu iP 14 59 39 |
| | | iP | | | 38 | c |
| | MW | iP | | | 31 | c |
| | R | iP | | | 25 | c |
| | Pr | iPEZ | | | 33 | |
| | | i | | | 42 | |
| | | iNZ | | | 58 | |
| June 29 | T | iP | 15 | 33 | 12 | Tu eP 15 32 57 |
| | | eP | | | 16 | |
| | MW | eP | | | 07 | |
| | Pr | eP | | | 38 | |
| | T | eP | | | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|------|-----------------------------|---------------------|
| June 29 | P | iP | 16 | 20 | 24 | Tu iP 16 20 27 c |
| | | i | | 22 | 39 | |
| | PX | i | 16 | 23 | 12 | i 16 23 50 |
| | | iE | | 32 | 51 | |
| | | iE | | 37 | 48 | |
| | MW | eLE | 16 | | 55 | |
| | | iP | | 20 | 24 | |
| | R | eP | 16 | | 24 | USCGS: 43 N. 47 E.; |
| | | e | | 24 | 20 | |
| | Pr | i | 16 | | 33 | O=16:06.5 |
| | | iPNZ | | 20 | 27 c | |
| | | i | 16 | | 36 | Rome 40.3 N. 46 E.; |
| | | e | | 23 | 43 | |
| | | iNZ | 16 | | 24 | O=16:06.4 |
| iP | | 20 | | 13 c | | |
| June 30 | P | eP | 00 | 32 | 51 | Tu iP 00 33 10 |
| | | ipP | | 33 | 07 | |
| | MW | eP | 00 | | 32 | ipP 00 33 31 |
| | | ipP | | 33 | 09 | |
| R | ipP | 00 | | 09 | | |
| | eP | | 32 | 49 | | |
| Pr | ipP | 00 | | 33 | | |
| | ipP | | 33 | 10 | | |
| June 30 | T | ipP | 12 | | 16 | Tu iP 12 34 46 |
| | | eP | | 35 | 00 | |
| | PX | iPP | 12 | | 38 | iPP 12 38 37 |
| | | eNE | | 52.8 | 52 | |
| MW | eLN | 12 | | 00 | Destructive on Leucas | |
| | eP | | 12 | 34 | | |
| R | eP | 12 | | 53 | USCGS: 38 1/2 N. 20 1/2 E.; | |
| | e | | 38 | 53 | | |
| Pr | iP | 12 | | 34 | O=12:21.2 | |
| | i | | 35 | 00 | | |
| | e | 12 | | 38 | BCIS 38 50 N. 20 40 E.; | |
| | e | | 38 | 10 | | |
| | iP | 12 | | 51 | MH A T | |
| | ipP | | 34 | 49 | | |
| June 30 | Pr | | 16 | 22 | 23 | Tu iP 16 21 58 |
| June 30 | MW | | 17 | 37 | 53 d | TU iP 17 38 31 d |
| | Pr | | | 38 | 20 | |
| | | | | | 03 d | |
| | T | | | | 20 | |
| | | | | 37 | 41 d | |

C. F. Richter

Dec. 29, 1948

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|--------|-------|----|----|-------|---|
| June 30 | P | ipP | 23 | 17 | 28 | Tu ip 23 16 49 d ipP 17 04 i 10 |
| | MW | eP | | | 14 | |
| | | ipP | | | 29 | |
| | | i | | | 40 | |
| | R | iP | | | 11 | |
| | | epP | | | 25 | |
| | Pr | iP | | | 07 d | |
| | | ipP | | | 26 | |
| | T | i | | | 41 | |
| | July 1 | P | iP | 01 | 53 | |
| MW | | epP | | 55 | 10 | |
| | | iP | | 53 | 28 c | |
| | | epP | | 55 | 11 | |
| R | | iP | | 53 | 29 c | |
| | | epP | | 55 | 11 | |
| Pr | | iP | | 53 | 36 c | |
| | | epP | | 55 | 24 | |
| LJ | | iP | | 53 | 21 | |
| H | | iP | | | 19 | |
| July 1 | T | iP | | | 15 c | Japan? Depth about 450 km. |
| | | epP | | | 54 58 | |
| | P | iP | 12 | 58 | 18 | |
| | | iX | | | 44 | |
| | | e | | | 59 17 | |
| | MW | iP | | | 58 19 | |
| | | iX | | | 46 | |
| | R | iP | | | 20 | |
| | | e | | | 59 16 | |
| | Pr | iP | | | 58 20 | |
| July 2 | T | iX | | | 47 | Pacific Phases indicated by iX are peculiarly sharp and of very short period |
| | | e | | | 59 18 | |
| | | epP | | | 58 28 | |
| | | e | | | 59 27 | |
| | P | iP | 02 | 36 | 58 | |
| | | i | | | 37 10 | |
| | | e | | | 27 | |
| | MW | iP | | | 36 57 | |
| | | e | | | 37 09 | |
| | Pr | epP | | | 00 | |
| July 2 | SB | epP | | | 36 56 | Tu eP 03 04 22 |
| | T | epP | | | 53 | |
| | | i | | | 37 07 | |
| | P | epP | 03 | 03 | 49 | |
| | MW | eP | | | 51 | |
| | | e | | | 04 14 | |
| | Pr | i | | | 19 | |
| | T | epP | | | 03 49 | |
| | | e | | | 59 | |
| | Pr | iP | 10 | 44 | 20 | |
| July 2 | P | epP | 15 | 17 | 21 | Tu ip 10 44 40 epP 15 17 59 e 18 34 |
| | R | epP | | | 25 | |
| | Pr | epP | | | 21 | |
| | SB | epP | | | 20 | |
| | H | epP | | | 24 | |
| | P | iP | 04 | 23 | 46 | |
| | | e | | | 24 25 | |
| | | e | | | 38 | |
| | MW | iP | | | 23 47 | |
| | | i | | | 24 22 | |
| July 3 | R | iP | | | 23 40 | Tu ip 04 23 03 i 39 i 49 |
| | | e | | | 24 17 | |
| | Pr | iP | | | 23 36 | |
| | | e | | | 24 14 | |
| | T | iP | | | 23 27 | |
| | | i | | | 23 59 | |
| | | i | | | 24 38 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|---------|---|
| July 3 | P | iPNEZ | 13 | 01 | 24 c | Tu ip 13 01 49 c ipP 03 12 i 04 08 i 49 e 05 55 i 28 33 |
| | PX | ipP | | | 02 46 | |
| | | iSNE | | | 10 38 | |
| | MW | iPNEZ | | | 01 24 c | |
| | | ipP | | | 02 47 | |
| | | e | | | 04 02 | |
| | R | iPNEZ | | | 01 26 c | |
| | | epP | | | 02 47 | |
| | Pr | iPNEZ | | | 01 26 c | |
| | | ipP | | | 02 50 | |
| July 4 | LJ | iSNEZ | | | 10 48 | BCIS: 20 S, 176 W. O = 12:50.1, h = 400 km. |
| | | iPNEZ | | | 01 24 | |
| | | ipP | | | 02 49 | |
| | SB | eP | | | 01 33 | |
| | H | iPEZ | | | 32 | |
| | | eSN | | | 10 57 | |
| | T | iPNEZ | | | 01 33 c | |
| | | epP | | | 02 57 | |
| | P | iP | 03 | 35 | 04 | |
| | MW | iP | | | 05 | |
| July 4 | Pr | iP | | | 08 | Tu ip 03 35 27 |
| | T | iP | | | 14 | |
| | P | iP | 12 | 28 | 32 | |
| | R | iP | | | 20 | |
| | Pr | iP | | | 20 | |
| | P | eP | 15 | 20 | 44 | |
| | PX | eLN | | | 30.2 | |
| | R | eP | | | 20 40 | |
| | Pr | iP | | | 36 | |
| | T | eP | | | 21 08 | |
| July 4 | P | eP | 23 | 25 | 28 | Tu eP 23 25 58 |
| | MW | epP | | | 28 | |
| | R | epP | | | 28 | |
| | Pr | epP | | | 29 | |
| | P | e | 14 | 13 | 09 | |
| | | e | | | 15 37 | |
| | | e | | | 39.9 | |
| | PX | eLE | | | 12 57 | |
| | MW | e | | | 13 03 | |
| | Pr | e | | | 14 27 | |
| July 6 | T | e | | | 12 46 | USSR: 41.9 N, 48.8 E. USSR: 28.8 N, 57.5 E. M A T 20 20 Tu ip 07 04 48 |
| | P | iP | 07 | 04 | 22 | |
| | MW | iP | | | 24 | |
| | R | iP | | | 25 | |
| | Pr | epP | | | 26 | |
| | T | eP | | | 33 | |
| | P | iP | 11 | 56 | 41 | |
| | Pr | iP | | | 37 | |
| | T | iP | | | 46 | |
| | R | eP | 19 | 04 | 44 | |
| July 6 | T | iP | | | 51 | Tu eP 19 04 55 |
| | P | epP | 02 | 31 | 39 | |
| | | i | | | 48 | |
| | PX | iSNE | | | 41 57 | |
| | | eSSN | | | 47 18 | |
| | | eLN | | | 53.5 | |
| | MW | epP | | | 31 39 | |
| | | e | | | 50 | |
| | R | eP | | | 42 | |
| | | i | | | 53 | |
| July 7 | Pr | eP | | | 49 12 | USSR: 33 N, 136 E., O = 02:19.1 CMO: 33.0 N, 136.5 E., A T PZ 0.5 2 PH 0.3 2 SH 3 12 M 10 20 Magnitude about 6 1/2 (continued) |
| | | i | | | 54 | |
| | | i | | | 32 08 | |
| | | iPP | | | 35 13 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|----------------------|
| July 7 | T | eP | 02 | 31 | 31 | (continued) |
| | | i | | | 38 | |
| | | i | | | 47 | |
| July 7 | P | eP | 09 | 25 | 04 | Tu iP 09 25 24 |
| | MW | eP | | | 23 | i 43 |
| | | e | | | 02 | e 26 09 |
| | Pr | iP | | | 24 | |
| | | i | | | 02 | |
| | | i | | | 25 | |
| | T | iP | | | 11 | |
| | | i | | | 33 | |
| July 7 | MW | iP | 23 | 59 | 45 | Tu iP 23 58 51 |
| | Pr | i(P) | | | 30 | |
| | T | iP | 24 | 00 | 45 | |
| | | i | | | 02 | |
| | | e | | | 44 | |
| July 8 | P | eP | 04 | 46 | 40 | Tu eP 04 46 14 |
| | MW | e | | | 53 | Atlantic |
| | T | eP | | | 33 | |
| July 8 | P | eP | 11 | 50 | 03 | |
| | MW | eP | | | 03 | |
| | | e | | | 07 | |
| | R | eP | | | 04 | |
| | | e | | | 11 | |
| | T | eP | | | 05 | |
| July 8 | P | eP | 12 | 45 | 19 | Tu iP 12 45 17 |
| | PX | eLN | 13 | 05 | 09 | |
| | MW | eP | 12 | 45 | 18 | USCGS: 71 N. 6 W., |
| | R | eP | | | 17 | ☉ = 12:34.6 |
| | Pr | ePNEZ | | | 23 | |
| | | i | | | 37 | BCIS: 72 N. 4 W., |
| | LJ | eP | | | 28 | O = 12:34:30 |
| | H | eP | | | 08 | USSR: 73.3 N. 5 W. |
| | T | eP | | | 03 | |
| July 8 | P | iP | 14 | 02 | 31 | Tu e(P) 14 03 02 |
| | | i | | | 41 | |
| | | i | | | 47 | |
| | MW | iP | | | 32 | USSR: 12.5 N. 145 E. |
| | | e | | | 40 | |
| | R | iP | | | 34 | |
| | | i | | | 51 | |
| | Pr | iP | | | 37 | |
| | | e | | | 43 | |
| | | e | | | 52 | |
| | H | iP | | | 31 | |
| | | i | | | 46 | |
| | T | iP | | | 28 | |
| | | i | | | 37 | |
| July 8 | P | iP | 17 | 21 | 03 | |
| | | i | | | 24 | |
| | | i | | | 44 | |
| | MW | e(P) | 20 | 56 | 03 | |
| | | i | 21 | 03 | 03 | |
| | | i | | | 26 | |
| | R | e? | 20 | 46 | 06 | |
| | | i(P) | 21 | 06 | 06 | |
| | | i | | | 28 | |
| | | i | | | 48 | |
| | Pr | iP | | | 07 | |
| | | i | | | 28 | |
| | LJ | eP | | | 06 | |
| | T | e | 20 | 44 | 03 | |
| | | i(P) | 21 | 03 | 03 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|----------------------|
| July 8 | R | e | 21 | 54 | 13 | Tu eP 21 53 15 |
| July 9 | MW | eP | 01 | 44 | 25 | Tu eP 01 44 40 |
| | T | eP | | | 27 | |
| July 9 | MW | eP | 03 | 58 | 47 | Tu eP 03 58 06 |
| | R | eP | | | 46 | |
| July 9 | MW | iP | 16 | 39 | 30 | Tu iP 16 39 56 |
| | R | iP | | | 33 | |
| | Pr | iP | | | 34 | |
| | T | iP | | | 35 | |
| July 9 | P | iP | 21 | 26 | 08 | |
| | MW | iP | | | 09 | |
| | R | iP | | | 11 | |
| | | e | | | 26 | |
| | | e | | | 49 | |
| | Pr | iP | | | 13 | |
| | | i | | | 39 | |
| | | i | | | 55 | |
| | | iP | | | 11 | |
| July 10 | MW | eP | 00 | 09 | 40 | Tu eP 00 09 12 |
| | R | iP | | | 37 | |
| | Pr | eP | | | 21 | |
| July 10 | R | iP | 01 | 44 | 08 | Tu iP 01 43 37 |
| | Pr | iP | | | 43 | e 44 02 |
| | T | eP | | | 44 | |
| | | e | | | 50 | |
| July 10 | P | eP | 13 | 59 | 38 | Tu eP 13 59 51 |
| | MW | eP | | | 39 | e 14 00 49 |
| | T | e? | | | 21 | |
| | | e | | | 37 | |
| July 11 | Pr | eP | 06 | 59 | 29 | Tu iP 06 58 44 |
| July 11 | P | iP | 19 | 59 | 50 | |
| | | iSN | 20 | 00 | 37 | Magnitude 4.2 |
| | MW | iP | 19 | 59 | 50 | Central California |
| | R | iP | | | 57 | Santa Clara reports: |
| | H | eP | | | 37 | iP 19 58 49 |
| | T | eP | | | 30 | iS 52 |
| | | iSE | 20 | 00 | 07 | |
| July 12 | P | iP | 02 | 54 | 03 | Tu iP 02 54 27 |
| | | ipP | | | 51 | i 33 |
| | MW | iP | | | 03 | ipP 55 15 |
| | | ipP | | | 51 | |
| | R | iP | | | 05 | d |
| | | ipP | | | 49 | |
| | Pr | iPNZ | | | 05 | d |
| | | ipP | | | 52 | |
| | | iP | | | 11 | |
| | H | iP | | | 12 | d |
| | T | ipP | | | 55 | |
| | | i | | | 19 | |
| July 12 | MW | iP? | 05 | 10 | 04 | Tu iP 05 10 25 |
| | Pr | iP | | | 09 | |
| | T | iP | | | 10 | |
| July 12 | MW | eP | 17 | 19 | 01 | Tu iP 17 18 06 |
| | R | eP | | | 18 | i 29 |
| | Pr | iP | | | 51 | Mexico |
| | | i | | | 19 | |
| | | eP | | | 20 | |
| July 12 | P | iP | 18 | 05 | 24 | |
| | MW | iP | | | 24 | |
| | R | iP | | | 27 | |
| | Pr | iP | | | 31 | |
| | T | iP | | | 15 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|-------|----------------------|
| July 12 | Pr | iP | 23 | 20 | 25 | Tu iP 23 20 12 |
| July 13 | P | iP | 18 | 25 | 07 | Tu iP 18 25 44 |
| | MW | iP | | | 16 | |
| | | | | | 08 | |
| | R | iP | | | 17 | |
| | Pr | iP | | | 10 | |
| | | | | | 16 | |
| | T | iP | | | 34 | |
| | | | 24 | | 51 | |
| | | | 25 | | 01 | |
| July 13 | R | eP | 20 | 21 | 45 | Tu iP 20 20 55 |
| July 14 | Pr | iP | | | 37 | |
| | P | eP | 10 | 22 | 07 | Tu eP 10 22 40 |
| | MW | eP | | | 11 | |
| | R | eP | | | 15 | |
| | Pr | eP | | | 16 | |
| | T | eP | | | 04 | |
| July 14 | Pr | iP | 12 | 45 | 23 | Tu eP 12 45 44 |
| July 14 | P | eP | 22 | 42 | 36 | Tu eP 22 47 09 |
| | PX | iPP | | | 47 04 | |
| | | iPSE | | | 55 21 | |
| | | iPPSE | | | 56 00 | |
| | | eN | | | 59 45 | |
| | | eSSNE | 23 | 00 | 41 | USCGS: 4 S. 142 E., |
| | | iGNE | | | 08 0 | O = 22:28.9 |
| | MW | eP | 22 | 42 | 38 | |
| | R | eP | | | 39 | |
| | | e | | | 46 28 | |
| | Pr | eP | | | 42 44 | MH 10 T 20 |
| | | e | | | 46 58 | Magnitude 6½ - 6½ |
| | T | eP | | | 43 37 | |
| July 15 | MW | iP | 01 | 43 | 25 | Tu iP 01 42 28 |
| | | e | | | 38 | |
| | | e | | | 46 | |
| | R | iP | | | 21 | |
| | | e | | | 35 | |
| | | i | | | 42 | |
| | Pr | eP | | | 18 | |
| | T | iP | | | 37 | |
| July 15 | MW | eP | 06 | 53 | 44 | Tu eP 06 52 52 |
| | R | eP | | | 34 | |
| | T | eP | | | 58 | |
| July 15 | P | eP | 10 | 11 | 21 | Tu iP 10 10 21 |
| | MW | eP | | | 21 | |
| | R | eP | | | 16 | |
| | Pr | eP | | | 06 | |
| | | e | | | 22 | |
| | T | iP | | | 46 | |
| July 15 | P | iP | 11 | 07 | 49 | Tu iP 11 07 09 |
| | | i | | | 54 | |
| | PX | iNE | | | 08 20 | |
| | | eN | | | 10 15 | USCGS: 10 N. 104 W., |
| | | r(PcP) | | | 58 | O = 11:02.0 |
| | | iNE | | | 12 33 | |
| | | eGN | | | 13.9 | |
| | | eLNE | | | 14.4 | |
| | MW | iP | | | 07 50 | |
| | | i | | | 55 | |
| | R | eP | | | 44 | |
| | | i | | | 49 | |
| | | i | | | 11 09 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|-------|--------------------------|
| July 15 | Pr | iPNEZ | 11 | 07 | 37 | c (continued) |
| | | i | | | 42 | |
| | | i | | | 56 | |
| | | e | | | 09 26 | |
| | | i | | | 11 10 | |
| | | i | | | 12 27 | |
| | LJ | eP | | | 07 35 | |
| | H | eP | | | 08 05 | |
| | | i | | | 10 | |
| | T | eP | | | 12 | |
| | | i | | | 18 | |
| July 15 | P | eP | 11 | 52 | 42 | Tu iP 11 52 04 |
| | MW | eP | | | 44 | |
| | R | eP | | | 37 | |
| | Pr | eP | | | 34 | |
| | T | eP | | | 06 | |
| July 15 | P | iP | 19 | 30 | 32 | c Tu iP 19 30 53 c |
| | MW | iP | | | 33 | c |
| | R | iP | | | 35 | c |
| | Pr | iPNEZ | | | 35 | c |
| | LJ | iP | | | 32 | |
| | H | eP | | | 39 | |
| | T | iP | | | 40 | c |
| July 16 | P | eP | 04 | 18 | 38 | Tu eP 04 17 43 |
| | | iSNEZ | | | 19 32 | |
| | MW | eP | | | 18 34 | |
| | R | iS | | | 19 31 | i(S) 18 36 |
| | Pr | iPNZ | | | 18 22 | Gulf of California? |
| | | eP | | | 03 | |
| | | iSN | | | 51 | |
| | LJ | iP | | | 08 | |
| July 16 | P | iP | 06 | 18 | 01 | Tu iP 06 18 26 c |
| | MW | iP | | | 02 | |
| | Pr | iP | | | 04 | c |
| | T | eP | | | 10 | c |
| July 16 | P | ePNEZ | 07 | 18 | 44 | d Tu iP 07 17 48 |
| | | iP | | | 56 | |
| | | iPcP | | | 21 37 | |
| | | iPcP | | | 51 | |
| | PX | eSNE | | | 23 48 | |
| | | eLN | | | 24 17 | USCGS: 14½ N. 92 W., |
| | P | eScP | | | 25 09 | O = 07:12.5, h = 100 km. |
| | PX | iScSNE | | | 29 12 | |
| | MW | iP | | | 18 42 | d |
| | | iP | | | 56 | |
| | | iPcP | | | 21 36 | PZ 1 T 3 |
| | | epPcP | | | 52 | MH 10 20 |
| | | eScP | | | 25 12 | Magnitude 6½ |
| | R | eP | | | 18 39 | |
| | | iP | | | 52 | |
| | | iPcP | | | 21 35 | |
| | | e | | | 50 | |
| | | eScP | | | 25 11 | |
| | Pr | iPNEZ! | | | 18 30 | d |
| | | iPNZ | | | 46 | d |
| | | ePcP | | | 21 04 | |
| | | iPcP | | | 18 | |
| | | iScP | | | 25 10 | |
| | LJ | eP | | | 18 31 | |
| | | i | | | 46 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|----------------|
| July 20 | MW | iPNEZ! | 11 | 13 | 03 | c (continued) |
| | | iPP | | | 49 | |
| | | eSNE | 21 | 49 | | |
| | | eP'P' | 41 | 46 | | |
| | R | ep'P' | 42 | 06 | | |
| | | iPNEZ | 12 | 58 | | c |
| | | iPP | 13 | 16 | | |
| | | i | | 21 | | |
| | | eSNE | 21 | 41 | | |
| | | iP'P' | 41 | 43 | | |
| | Pr | ep'P' | 42 | 00 | | |
| | | iP! | 12 | 54 | | c |
| | | i | 13 | 03 | | |
| | | iPP | | 09 | | |
| | | i | | 43 | | |
| | | eS | 22 | 00 | | |
| | | iP'P' | 41 | 46 | | |
| | | i | 42 | 12 | | |
| | LJ | iPNEZ | 12 | 55 | | c |
| | | ep'P' | 41 | 51 | | |
| | SB | ePNEZ | 13 | 10 | | c |
| | | epP | | 25 | | |
| | | e | | 39 | | |
| | | ep'P' | 41 | 45 | | |
| | H | iP | 13 | 11 | | c |
| | | iPP | | 28 | | |
| | | ep'P' | 41 | 41 | | |
| | T | iPNEZ | 13 | 15 | | c |
| | | i | | 31 | | |
| | | i | | 38 | | |
| | | eSNE | 22 | 13 | | |
| | | ep'P' | 41 | 35 | | |
| July 20 | P | eP | 14 | 55 | 52 | |
| | MW | iP | | | 52 | |
| | R | iP | | | 53 | |
| | Pr | iP | | | 58 | |
| July 20 | T | iP | 15 | 26 | 42 | |
| | P | eP | | 00 | | |
| | MW | ep | | 00 | | |
| | R | eP | | 25 | 58 | |
| | Pr | eP | | 26 | 00 | |
| July 20 | T | ep | 16 | 55 | 03 | c |
| | P | iP | | | 17 | |
| | | i | | | 31 | |
| | MW | iP | | | 02 | |
| | R | iP | | | 05 | |
| | | i | | | 14 | |
| | Pr | iP | | | 07 | |
| | LJ | eP | | | 05 | |
| | SB | eP | | 54 | 57 | |
| | H | ep | | 55 | 06 | |
| July 20 | T | iP | 17 | 13 | 05 | d |
| | P | e | | | 50 | |
| | MW | e | | | 51 | |
| | R | e | | | 53 | |
| | Pr | e | | | 53 | |
| | T | e | | | 52 | |
| July 20 | P | e | 17 | 29 | 09 | Tu iP 17 28 12 |
| | MW | eP | | | 05 | i 17 27 |
| | R | eP | | 28 | 47 | i(S) 29 22 |
| | | e | | | 54 | |
| | | eS | 29 | 29 | | (continued) |

| | |
|----|----|
| A | T |
| 10 | 2 |
| 6 | 4 |
| 4 | 4 |
| 30 | 45 |
| 15 | 24 |

Magnitude 7 1/2

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|------|------------------|
| July 20 | Pr | eP | 17 | 28 | 29 | (continued) |
| | | i | | | 41 | |
| | | eS | | 29 | 37 | |
| | | e | | 31 | 36 | |
| July 21 | R | iP | 03 | 46 | 55 | Tu iP 03 46 06 |
| | Pr | e | | | 44 | i 14 |
| July 21 | MW | eP | 08 | 54 | 26 | Tu iP 08 50 30 |
| | R | eP | | | 22 | |
| | Pr | eP | | | 17 | |
| | T | eP | | | 49 | |
| July 21 | P | eP | 11 | 46 | 38 | Tu eP 11 45 35 |
| | MW | eP | | | 36 | i 38 |
| | R | eP | | | 32 | i 44 |
| | Pr | eP | | | 23 | i(L) 51 08 |
| | | i | | | 25 | |
| | LJ | eP | | | 18 | |
| | H | eP | | | 51 | |
| | T | iP | | | 57 | |
| | | i | | 47 | 06 | |
| July 21 | R | eP | 12 | 03 | 17 | Tu eP 12 02 22 |
| | Pr | eP | | | 18 | |
| | T | eP | | | 42 | |
| July 21 | Pr | eP | 12 | 52 | 55 | Tu eP 12 52 09 |
| | T | eP | | | 53 | |
| July 21 | P | iP | 15 | 59 | 57 | Tu iP 16 00 18 d |
| | | iPP | | | 12 | iPP 33 |
| | MW | iP | | | 58 | d |
| | | epP | | | 12 | d |
| | R | iP | | | 57 | d |
| | | epP | | | 17 | |
| | Pr | iP | | | 59 | |
| | | eP | | | 13 | |
| | | e | | | 04 | 09 |
| | LJ | eP | | | 58 | |
| | H | eP | | | 03 | |
| | T | iP | | | 03 | d |
| July 21 | MW | e(P) | 21 | 51 | 22 | Tu iP 21 51 59 |
| | | i | | | 38 | |
| | Pr | i(P) | | | 41 | |
| | T | iP | | | 48 | |
| July 22 | P | e(S)NE | 12 | 57 | 29 | Tu eP 12 55 36 |
| | MW | e(P) | | | 13 | i 42 |
| | | e | | | 38 | e(S) 56 25 |
| | R | eP | | | 54 | |
| | | e(S) | | | 16 | |
| July 22 | R | iP | 15 | 46 | 45 | Tu iP 15 45 55 |
| | T | iP | | | 05 | |
| July 22 | T | iP | 16 | 48 | 49 | Tu iP 16 47 40 |
| July 22 | T | iP | 17 | 34 | 55 | Tu iP 17 32 05 |
| July 22 | P | e | 18 | 01 | 05 | Tu eP 18 00 23 |
| | MW | eP | | | 01 | |
| | R | eP | | | 57 | |
| July 22 | P | ePNEZ | 20 | 09 | 39 | Tu iP 20 10 30 |
| | PX | iLE | | | 13.0 | |
| | MW | eP | | | 40 | |
| | R | eP | | | 44 | |
| | LJ | eP | | | 56 | |
| | SB | eP | | | 32 | |
| | T | eP | | | 07 | |
| | | i | | | 12 | |

USCGS: 49 1/2 N. 130 1/2 W.,
O = 20:05.4

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|------|----|------------------------|
| July 22 | P | eP | 20 | 56 | 52 | Tu iP 20 57 45 |
| | PX | iLE | 21 | 00 | 14 | |
| | MW | eP | 20 | 56 | 56 | USCGS: 49½ N. 130½ W., |
| | R | eP | | | 59 | O = 20:52.7 |
| | Pr | iP | | 57 | 08 | |
| | SB | iP | | 56 | 34 | |
| | T | eP | | | 22 | |
| July 23 | P | eP | 12 | 34 | 42 | Tu ePP 12 39 24 |
| | PX | eSSNE | | 52.6 | | |
| | MW | eLN | 13 | 00 | 9 | BCIS: 5 S. 142 E., |
| | R | eP | 12 | 34 | 44 | O = 12:21.1 |
| | Pr | eP | | | 46 | |
| | T | eP | | | 49 | |
| July 23 | P | i | 22 | 41 | 09 | |
| | R | i | | 40 | 31 | |
| | Pr | i | | 41 | 03 | |
| | | i | | | 22 | |
| July 24 | MW | eP | 02 | 36 | 24 | Tu iP 02 35 56 c |
| | R | eP? | | | 04 | |
| | | e | | | 21 | |
| | Pr | iP | | | 17 | |
| | T | iP | | | 36 | d |
| | | i | | | 48 | |
| July 24 | P | eP | 06 | 17 | 08 | Tu iP 06 17 01 |
| | | e | | 20 | 37 | |
| | PX | iPPNZ | | 21 | 27 | i(pP) 23 |
| | | i | | | 39 | i 36 |
| | | iSKSN | | 27 | 46 | iPKKP 33 32 |
| | | eNE | | 28 | 08 | |
| | | iSPNEZ | | 30 | 27 | |
| | | i | | | 52 | |
| | P | ePKKP | | 33 | 03 | |
| | PX | iSSE | | 36 | 00 | |
| | | eLN | | 44 | 0 | |
| | MW | eLE | | 47 | 3 | USCGS: 35 N. 24 E., |
| | | eP | | 17 | 08 | O = 06:03.2 |
| | | e | | 30 | 28 | |
| | R | ePKKP | | 33 | 05 | USSR: 34.5 N. 24.5 E., |
| | | eP | | 17 | 07 | |
| | | e | | 30 | 28 | |
| | Pr | ePKKP | | 33 | 03 | |
| | | iP | | 17 | 10 | |
| | | i | | | 25 | |
| | | e | | 18 | 59 | A T |
| | | i | | 20 | 20 | 1 3 |
| | | iNZ | | | 44 | MH 20 20 20 |
| | | eNZ | | | 54 | Magnitude 6½ - 6¾ |
| | | eN | | 27 | 18 | |
| | | iSP | | 30 | 28 | |
| | | i | | | 49 | |
| | | e | | 33 | 25 | |
| | T | iP | | 16 | 59 | |
| | | i | | 17 | 17 | |
| | | i | | 21 | 58 | |
| | | e | | 30 | 00 | |
| | | e | | 33 | 14 | |
| | | iPKKP | | | 38 | |
| July 24 | MW | e | 13 | 45 | 45 | Tu iP 13 46 31 |
| | | e | | | 59 | e 38 |
| | R | e | | | 50 | e 44 |
| | Pr | i | | | 56 | |
| | T | i | | | 27 | |
| | | i | | | 56 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|---------------------------------|
| July 24 | P | e | 13 | 54 | 38 | Tu e 13 55 12 |
| | MW | e | | | 42 | |
| | R | e | | | 42 | |
| | T | i | | | 35 | |
| | | i | | | 42 | |
| July 24 | P | iPNEZ! | 14 | 34 | 02 | Tu iP 14 34 29 d |
| | | epP | | 35 | 27 | i 35 52 |
| | | e | | 37 | 03 | |
| | PX | iSE | | 43 | 11 | |
| | MW | iPNEZ | | 34 | 03 | d |
| | | epP | | 35 | 27 | |
| | R | iPNEZ | | 34 | 05 | d |
| | | i | | | 17 | |
| | | epP | | 35 | 27 | |
| | Pr | iPNEZ! | | 34 | 06 | d |
| | | iP | | 35 | 30 | |
| | | eSE | | 43 | 18 | |
| | LJ | iPNEZ | | 34 | 02 | Tonga region, |
| | | epP | | 35 | 27 | h = 350 km. |
| | SB | iP | | 33 | 58 | d |
| | H | iP | | 34 | 10 | d |
| | | i | | | 22 | |
| | | epP | | 35 | 36 | |
| | T | iPNEZ | | 34 | 11 | d |
| | | epP | | 35 | 38 | |
| July 25 | P | eP | 00 | 21 | 50 | Tu eP 00 22 15 |
| | MW | eP | | | 52 | Small surface waves recorded |
| | R | eP | | | 52 | at Pasadena. |
| | Pr | eP | | | 52 | |
| | T | eP | | 22 | 01 | |
| July 25 | P | iP | 04 | 21 | 36 | Tu iP 04 20 41 |
| | R | iP | | | 30 | i 47 |
| July 25 | P | i | 05 | 44 | 47 | Tu iP 05 41 54 |
| | | i | | 45 | 26 | e 44 50 |
| | | i | | 48 | 10 | i 48 28 |
| | | i | | | 35 | i 55 |
| | MW | e | | 42 | 38 | |
| | | e | | 44 | 48 | |
| | | e | | 48 | 13 | |
| | R | i | | 42 | 42 | |
| | | e | | 44 | 47 | Phases clear but interpretation |
| | SB | e | | 47 | 47 | difficult. Two or three shocks? |
| | H | e | | 47 | 47 | |
| | T | i? | | 41 | 54 | USSR: 6.5 S. 106 E., |
| | | e | | 43 | 08 | |
| | | i | | 44 | 47 | |
| | | e | | 45 | 03 | |
| | | e | | 48 | 05 | |
| | | e | | | 30 | |
| July 26 | P | iP | 03 | 42 | 01 | Tu iP 03 41 10 c |
| | | e | | | 13 | i 20 |
| | | i | | | 24 | i 42 40 |
| | MW | eP | | | 02 | |
| | | e | | | 14 | |
| | | e | | | 27 | BCIS: 8 N. 78 W., |
| | R | iP | | 41 | 56 | O = 03:33.7 |
| | | i | | 42 | 09 | |
| | | e | | 43 | 34 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|---------------------------------|
| July 26 | Pr | iP | 03 | 41 | 52 | c (continued) |
| | | i | | 42 | 04 | |
| | | i | | | 13 | |
| | | i | | | 26 | |
| | | e | | 43 | 32 | |
| | | i | | | 42 | |
| | | i | | | 52 | |
| | T | iP | | 42 | 13 | |
| | | e | | | 47 | |
| July 26 | T | eP | 04 | 19 | 13 | Tu eP 04 19 33 |
| July 26 | P | eP | 06 | 19 | 26 | Tu eP 06 18 34 |
| | MW | eP | | | 27 | |
| | R | eP | | | 19 | |
| | Pr | eP | | | 15 | |
| | T | eP | | | 38 | |
| July 26 | P | iP | 13 | 05 | 42 | Tu iP 13 05 03 |
| | | e | | | 49 | |
| | | i | | | 53 | |
| | | e | | 06 | 08 | |
| | MW | eP | | 05 | 41 | |
| | | i | | | 52 | South America |
| | R | eP | | | 38 | |
| | | i | | | 47 | |
| | Pr | eP | | | 36 | |
| | | i | | | 43 | |
| | | i | | | 46 | |
| | | e | | 06 | 09 | |
| | T | iP | | 05 | 56 | |
| | | i | | 06 | 02 | |
| | | i | | | 05 | |
| July 26 | P | eP | 17 | 34 | 19 | Tu iP 17 33 27 |
| | | i | | | 30 | |
| | | i | | | 35 | |
| | PX | eLNZ | | 39 | | |
| | MW | iP | | 34 | 20 | |
| | | i | | | 31 | |
| | R | iP | | | 15 | |
| | | i | | | 26 | |
| | | i | | | 32 | |
| | Pr | eP | | 33 | 59 | |
| | | e | | 34 | 36 | |
| | LJ | e | | | 08 | |
| | | e | | | 19 | |
| | H | eP | | | 37 | |
| | | e | | | 49 | |
| | T | eP | | | 52 | |
| | | i | | | 57 | |
| | | i | | 35 | 05 | |
| July 26 | P | iPNEZ! | 17 | 50 | 27 | d Tu iP 17 51 43 |
| | | iSNEZ | | | 46 | |
| | MW | iPNEZ | | | 26 | d Magnitude 4.5 |
| | | iSNE | | | 44 | d 35°34' N. 118°05' W., |
| | R | iPNZ! | | | 31 | d O = 17:50:00 |
| | | iSNE | | | 54 | |
| | Pr | iPNEZ | | | 42 | c |
| | | iSEZ | | 51 | 20 | Felt at Weldon and other points |
| | LJ | iPNZ | | 50 | 53 | in the Kern River area |
| | | iSNEZ | | 51 | 30 | |
| | SB | iPNEZ | | 50 | 31 | |
| | | iSNEZ | | | 54 | |
| | H | iPNEZ! | | 50 | 12 | d |
| | | iSNE | | | 20 | |
| | T | iPNEZ! | | | 27 | d |
| | | iSN | | | 47 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-------------------------------|
| July 26 | P | iP | 19 | 12 | 52 | Tu eP 19 13 19 |
| | | i | | 13 | 09 | i 19 13 36 |
| | | i | | | 21 | |
| | PX | eLEZ | | 40 | 0 | |
| | MW | iP | | 12 | 53 | c |
| | | i | | 13 | 10 | |
| | | i | | | 22 | |
| | R | iP | | 12 | 55 | c Pacific |
| | | i | | 13 | 13 | |
| | | i | | | 21 | |
| | Pr | iPNEZ | | 12 | 54 | c |
| | | i | | 13 | 09 | |
| | | i | | | 12 | |
| | T | iP | | 12 | 56 | |
| | | i | | 13 | 14 | |
| July 27 | P | eP | 12 | 59 | 50 | Tu eP 12 59 10 |
| | | iSE | | 13 | 00 | 19 |
| | R | eP | | 12 | 59 | 42 |
| | | eSE | | 13 | 00 | 44 |
| | Pr | eP | | 12 | 59 | 23 |
| | | iSEZ | | 13 | 00 | 11 |
| | LJ | ePNZ | | 12 | 59 | 24 |
| July 27 | P | iSE | | 13 | 00 | 11 |
| | | eP | 17 | 58 | 10 | Tu eP 17 58 41 |
| | | ipP | | | 57 | ipP 17 59 29 |
| | R | eP | | | 13 | |
| | | ipP | | | 59 | 00 |
| | Pr | eP | | | 58 | 16 |
| | | ipP | | | 59 | 03 |
| | | e | | | 22 | |
| | T | iP | | 58 | 06 | c |
| | | i | | | 11 | |
| | | i | | | 22 | |
| | | e | | | 46 | |
| | | ipP | | | 56 | |
| July 28 | P | eP | 08 | 09 | 36 | Tu eP 08 10 11 |
| | MW | eP | | | 34 | |
| | R | iP | | | 39 | |
| | Pr | iP | | | 45 | |
| | H | iP | | | 21 | |
| | T | iP | | | 14 | |
| July 28 | P | iP | 08 | 23 | 41 | Tu iP 08 24 16 |
| | PX | eLE | | 34 | 5 | i 08 27 |
| | MW | iP | | 23 | 41 | |
| | R | iP | | | 44 | |
| | Pr | iP | | | 50 | Northern Alaska? |
| | LJ | eP | | | 54 | |
| | H | eP | | | 27 | |
| | T | iP | | | 19 | |
| July 28 | Pr | iP | 10 | 13 | 07 | c Tu eP 10 14 03 |
| | | e | | | 53 | |
| | T | eP | | 12 | 24 | |
| July 28 | Pr | iP | 10 | 23 | 36 | Tu eP 10 24 39 |
| July 28 | P | iP | 14 | 29 | 55 | d Tu iP 14 29 03 d |
| | | i | | | 30 | 06 |
| | | i | | | 35 | 28 |
| | PX | iSN | | | 45 | |
| | | eLNE | | | 45 | |
| | MW | iP | 14 | 29 | 53 | d USCGS: probably 7 N. 82 W., |
| | | e | | 30 | 04 | Damage on Coiba Island |
| | R | iP | | 29 | 49 | d |
| | | e | | | 57 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|------------------------|
| July 28 | Pr | iPNEZ! | 14 | 29 | 44 | d (continued) |
| | | i | | | 48 | |
| | | i | | | 54 | |
| | SB | eP | | 30 | 05 | |
| | H | eP | | | 01 | |
| | T | iP | | | 07 | d |
| | | i | | | 14 | |
| | | i | | | 18 | |
| July 28 | P | iP | 15 | 13 | 47 | Tu iP 15 12 55 |
| | PX | iSNE | | 20 | 17 | |
| | | eLN | | 25 | | |
| | MW | iP | | 13 | 46 | |
| | R | eP | | | 38 | |
| | Pr | iPNEZ | | | 33 | |
| | LJ | eP | | | 36 | |
| | SB | eP | | | 57 | |
| | H | eP | | | 53 | |
| | T | eP | | | 58 | |
| July 29 | P | iP | 00 | 44 | 07 | Tu eP 00 44 40 d |
| | | ipP | | | 18 | |
| | MW | eP | | | 05 | |
| | | ipP | | | 20 | |
| | | e | | 46 | 33 | JSA: 43 N. 150 E., |
| | R | iP | | 44 | 10 | O = 00:33:03 |
| | | epP | | | 22 | BCIS: 42 N. 150 E., |
| | | e | | 46 | 29 | O = 00:33:0 |
| | Pr | eP | | 44 | 15 | |
| | | i | | | 25 | |
| | H | eP | | | 01 | |
| | | epP | | | 10 | |
| | | e | | 46 | 26 | |
| | T | eP | | 43 | 53 | |
| | | i | | 44 | 08 | |
| | | e | | 46 | 23 | |
| July 29 | P | iP | 00 | 47 | 53 | Tu iP 00 48 29 |
| | | ipP | | 48 | 05 | |
| | MW | iP | | 47 | 53 | |
| | | ipP | | 48 | 06 | |
| | R | iP | | 47 | 56 | |
| | | ipP | | 48 | 09 | JSA: 43 N. 150 E., |
| | Pr | eP | | 47 | 54 | O = 00:36:50 |
| | | ipPNEZ | | 48 | 13 | |
| | H | iP | | 47 | 46 | |
| | | ipP | | | 58 | |
| | | iP | | | 41 | |
| | | ipP | | | 58 | |
| July 29 | MW | iP | 17 | 26 | 54 | Tu iP 17 27 15 |
| | R | iP | | 27 | 07 | |
| | Pr | iP | | | 06 | |
| | T | iP | | | 02 | |
| July 29 | R | eP | 19 | 05 | 54 | Tu iP 19 05 09 |
| | Pr | eP | | | 49 | Aftershock, 7 N. 82 W. |
| | T | eP | | 06 | 15 | |
| July 29 | R | eP | 20 | 05 | 56 | Tu eP 20 04 48 |
| | Pr | eP | | | 53 | |
| | T | eP | | 06 | 22 | Aftershock 7 N. 82 W. |
| July 29 | R | eP | 20 | 57 | 48 | Tu eP 20 57 03 |
| | Pr | eP | | | 44 | Aftershock 7 N. 82 W. |
| | T | eP | | 58 | 08 | |
| July 30 | R | eP | 00 | 56 | 08 | Tu eP 00 56 25 |
| | Pr | eP | | | 08 | |
| | T | eP | | | 11 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-----------------------|
| July 30 | MW | eP | 02 | 56 | 06 | Tu eP 02 56 35 |
| | R | iP | | | 08 | Northern Japan |
| | Pr | iP | | | 19 | CMO: 41.0 N. 142.9 E. |
| | H | eP | | | 56 | |
| | T | iP | | | 55 | |
| July 30 | P | iP | 15 | 45 | 49 | Tu iP 15 44 53 c |
| | MW | iP | | | 49 | |
| | R | iP | | | 43 | |
| | Pr | iP | | | 38 | |
| | H | iP | | | 54 | |
| | T | eP | | | 00 | |
| July 31 | R | e | 00 | 27 | 08 | Tu e 00 27 47 |
| | Pr | e | | 26 | 29 | |
| | | i | | | 43 | |
| | | e? | | | 42 | |
| July 31 | MW | e? | 06 | 20 | 46 | Tu eP 06 21 30 |
| | R | e | | 21 | 10 | |
| | Pr | e | | | 08 | |
| | T | eP | | 20 | 41 | |
| July 31 | Pr | eP | 16 | 26 | 58 | Tu eP 16 26 29 |
| | T | iP | | 27 | 28 | |
| | | i | | | 43 | |
| July 31 | P | iP | 19 | 12 | 16 | Tu eP 19 11 24 |
| | PX | eSNE | | 18 | 44 | |
| | | eLN | | 24 | | |
| | | iP | | 12 | 16 | |
| | MW | iP | | | 11 | |
| | R | iP | | | 05 | |
| | Pr | iPNEZ | | | 08 | |
| | LJ | iP | | | 05 | |
| | T | iP | | | 29 | |
| Aug. 1 | Pr | iP | 00 | 46 | 32 | Tu iP 00 45 54 |
| | T | iP | | | 57 | |
| Aug. 1 | P | eP | 03 | 51 | 04 | Tu eP 03 50 32 |
| | MW | eP | | | 01 | |
| | R | eP | | 50 | 59 | |
| | T | eP | | 51 | 25 | |
| Aug. 1 | P | eP | 18 | 32 | 24 | Tu iP 18 31 44 |
| | PX | eLN | | 39 | | |
| | MW | eP | | 32 | 20 | |
| | R | eP | | | 18 | |
| | Pr | eP | | | 11 | |
| | T | iP | | | 45 | |
| Aug. 3 | P | iPNEZ | 09 | 37 | 34 | Tu eP 09 36 40 |
| | | ePcP | | 39 | 56 | |
| | PX | eL | | 50 | | |
| | MW | iP | | 37 | 34 | |
| | | e | | 39 | 57 | |
| | R | iP | | 37 | 29 | |
| | | iPcP | | 39 | 55 | |
| | Pr | iPNEZ | | 37 | 24 | Central America |
| | | iPcP | | 39 | 55 | |
| | LJ | eP | | 37 | 25 | |
| | T | eP | | | 48 | |
| | | iPcP | | 40 | 02 | |
| Aug. 3 | P | iP | 11 | 24 | 26 | Tu eP 11 25 40 |
| | MW | iP | | | 26 | |
| | | i | | | 31 | |
| | R | iP | | | 30 | |
| | | i | | | 42 | |
| | | e | | 26 | 04 | |
| | Pr | iPNEZ | | 24 | 37 | |
| | LJ | iP | | | 38 | |
| | H | iP | | | 17 | |
| | T | iP | | | 11 | |
| | | i | | 25 | 59 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|--|
| Aug. 3 | P | eP | 17 | 24 | 08 | Tu e 17 25 04 |
| | MW | e(pP) | | | 36 | |
| | | eP | | | 09 | |
| | | e | | | 31 | |
| | | e | | | 37 | |
| | R | e | | | 34 | Wellington: 6 S. 152 E., Magnitude 6. |
| | Pr | i | | | 41 | |
| | T | eP | | | 09 | |
| Aug. 4 | Pr | i(pP) | 05 | 27 | 24 | Tu e 05 27 58 |
| | T | e | | | 26 | |
| | | e | | | 53 | |
| Aug. 4 | Pr | eP | 05 | 47 | 11 | Tu iP 05 46 40 |
| | T | iP | | | 34 | ipP 56 |
| | | ipP | | | 51 | |
| Aug. 4 | T | eP | 06 | 25 | 42 | |
| | | e | | | 57 | |
| | | e | | | 26 | |
| Aug. 4 | MW | e | 07 | 04 | 08 | Tu eP 07 03 18 |
| | | e | | | 39 | |
| | R | eP | | | 15 | |
| | | i | | | 21 | |
| | | i | | | 35 | |
| | Pr | e | | | 17 | |
| | | i | | | 24 | |
| Aug. 4 | MW | eP? | 09 | 20 | 09 | Tu eP 09 19 13 |
| | R | iP | | | 07 | e 25 |
| | Pr | iP | | | 03 | |
| | T | eP | | | 35 | |
| Aug. 4 | R | iP | 10 | 14 | 40 | Tu iP 10 15 01 |
| | Pr | iP | | | 41 | |
| | T | iP | | | 47 | |
| Aug. 4 | P | iP | 18 | 14 | 10 | d |
| | MW | iP | | | 11 | d |
| | R | iP | | | 12 | d |
| | Pr | iP | | | 15 | d |
| | LJ | iP | | | 17 | |
| | SB | iP | | | 04 | |
| | H | iP | | | 07 | d |
| | T | iP | | | 05 | d |
| Aug. 5 | P | iP | 08 | 06 | 26 | Tu iP 08 05 24 |
| | MW | eP | | | 26 | |
| | | e | | | 44 | |
| | R | iP | | | 19 | |
| | | i | | | 34 | |
| | | i | | | 39 | Mexico? |
| | Pr | iP | | | 14 | |
| | | i | | | 33 | |
| | T | iP | | | 47 | |
| Aug. 6 | R | iP | 00 | 18 | 05 | Tu iP 00 18 25 |
| | Pr | iP | | | 10 | |
| | T | e | | | 33 | |
| Aug. 6 | MW | e | 03 | 41 | 33 | Tu e 03 42 03 |
| | T | e | | | 22 | |
| Aug. 6 | P | ip" | 03 | 48 | 50 | Tu iP" 03 48 58 |
| | MW | ip" | | | 50 | e 49 17 |
| | R | ip" | | | 50 | |
| | Pr | ip" | | | 50 | Felt at Adelaide (South Australia) |
| | T | ip" | | | 52 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|--------|----|----|----|----------------------------|
| Aug. 6 | P | eP | 04 | 22 | 50 | Tu eP 04 24 23 |
| | | i | | | 57 | iS 26 25 |
| | | iSE | | | 23 | |
| | MW | eP | | | 22 | |
| | | i | | | 57 | |
| | | eSN | | | 23 | |
| | | i | | | 42 | |
| | R | eP | | | 54 | 37°27' N. 118°35' W., |
| | | i | | | 23 | |
| | | eSNE | | | 47 | O = 04:22:57 |
| | Pr | eP | | | 04 | |
| | | i | | | 15 | Magnitude 4.3 |
| | H | iPNEZ | | | 23 | d |
| | | iNE! | | | 24 | Felt at Bishop, California |
| | | iSNEZ! | | | 41 | |
| | | iPNEZ! | | | 22 | d |
| | | iSNE! | | | 13 | |
| Aug. 6 | P | eP | 06 | 26 | 52 | Tu e 06 25 20 |
| | MW | iP | | | 54 | e? 27 28 |
| | R | eP | | | 55 | |
| | T | eP | | | 53 | |
| Aug. 6 | P | iP | 07 | 49 | 16 | Tu iP 07 49 34 |
| | R | eP | | | 19 | |
| | Pr | iP | | | 18 | |
| | T | eP | | | 20 | |
| Aug. 6 | P | iP | 08 | 05 | 04 | Tu iP 08 05 29 d |
| | MW | iP | | | 05 | d |
| | R | iP | | | 07 | d |
| | Pr | iP | | | 06 | d |
| | H | iP | | | 11 | d |
| | T | iP | | | 13 | d |
| Aug. 6 | P | eP | 10 | 04 | 54 | Tu iP 10 04 05 d |
| | | iNEZ | | | 05 | i! 12 d |
| | MW | eP | | | 04 | |
| | | i | | | 05 | |
| | R | eP | | | 04 | |
| | | i | | | 56 | |
| | | e | | | 05 | |
| | Pr | iP | | | 04 | Felt in Colombia |
| | | iNEZ! | | | 51 | |
| | | i | | | 05 | |
| | LJ | i | | | 04 | |
| | SB | e | | | 05 | |
| | H | i | | | 06 | |
| | T | i | | | 12 | |
| Aug. 7 | Pr | iP | 10 | 26 | 27 | Tu iP 10 27 55 |
| | T | eP | | | 52 | e 28 03 |
| | | e | | | 27 | |
| Aug. 7 | P | e | 14 | 49 | 51 | Tu iP 14 51 02 |
| | MW | e | | | 50 | e 16 |
| | Pr | e(P) | | | 27 | Comparatively nearby |
| | T | e(P) | | | 49 | |
| | | e | | | 50 | |
| | | e | | | 11 | |
| Aug. 7 | P | iP | 14 | 52 | 07 | Tu eP 14 52 40 |
| | PX | eSNEZ | | | 15 | |
| | | eLN | | | 14 | USCGS: 34 N. 142. E., |
| | MW | eP | 14 | 52 | 11 | O = 14:40.2 |
| | R | eP | | | 14 | |
| | Pr | iP | | | 16 | MH 15 20 |
| | LJ | eP | | | 17 | |
| | H | eP | | | 02 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|---------|----|----|----|----------------------|
| Aug. 8 | P | iP | 16 | 26 | 05 | Tu iP 16 26 30 |
| | MW | iP | | | 06 | |
| | R | iP | | | 08 | |
| | Pr | iP | | | 08 | BCIS: 18 S. 168½ E., |
| | | i | | | 14 | O = 16:13.2 |
| | H | eP | | | 10 | |
| | T | iP | | | 12 | |
| Aug. 9 | P | iP | 06 | 27 | 54 | Tu iP 06 28 17 |
| | MW | iP | | | 56 | |
| | R | iP | | | 57 | |
| | Pr | iP | | | 57 | c |
| | H | iP | | | 01 | |
| | T | iP | | | 03 | c |
| Aug. 9 | P | iPNEZ | 12 | 36 | 53 | Tu iP 12 37 18 c |
| | | i | | | 37 | 34 |
| | | e | | | 21 | 48 |
| | MW | iPNEZ | | | 54 | c |
| | | i | | | 37 | 07 |
| | R | iP | | | 36 | 56 |
| | | e | | | 37 | 12 |
| | Pr | iPNEZ | | | 36 | 57 |
| | | i | | | 37 | 03 |
| | | e | | | 14 | |
| | LJ | iP | | | 36 | 55 |
| | SB | eP | | | 49 | |
| | H | iP | | | 37 | 00 |
| | | i | | | 06 | c |
| | T | iP | | | 00 | c |
| | | i | | | 07 | |
| | | e | | | 18 | |
| Aug. 10 | P | e | 11 | 12 | 22 | |
| | MW | e | | | 20 | |
| | R | e | | | 26 | |
| | Pr | e | | | 26 | |
| Aug. 11 | P | iPNEZ | 10 | 41 | 48 | Tu iP! 10 40 50 d |
| | | iEZ | | | 55 | |
| | | e(PP) | | | 42 | 16 |
| | | i(pP)NZ | | | 19 | |
| | | i(sp) | | | 43 | |
| | | iPcP | | | 45 | 12 |
| | | eSNZ | | | 46 | 18 |
| | PX | iPNEZ | | | 41 | 48 |
| | MW | i | | | 54 | d |
| | | i(pP) | | | 42 | 17 |
| | | i | | | 43 | 15 |
| | | iPcP | | | 45 | 13 |
| | R | iPNEZ | | | 41 | 42 |
| | | i(pP) | | | 42 | 13 |
| | | iPcP | | | 45 | 12 |
| | Pr | iPNEZ! | | | 41 | 35 |
| | | iE | | | 42 | 10 |
| | LJ | iPNEZ | | | 41 | 36 |
| | SB | iPNEZ | | | 42 | 00 |
| | | iPcP | | | 45 | 18 |
| | H | iPNEZ | | | 41 | 58 |
| | | i(pP) | | | 42 | 34 |
| | T | iPNEZ | | | 42 | 05 |
| | | i | | | 15 | d |
| | | i(pP) | | | 37 | |
| | | iPcP | | | 45 | 20 |

Felt in state of Vera Cruz, Mexico
 Depth 100 or 180 km.
 USCGS: 17½ N. 95½ W.,
 O = 10:36.2
 h = 50 km.

| | | |
|----|----|----|
| | A | T |
| PZ | 3 | 2 |
| PH | 3 | 3 |
| MH | 30 | 18 |

Magnitude nearly 7

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|------------------|
| Aug. 11 | P | e | 11 | 14 | 38 | |
| | MW | e | | | 36 | |
| Aug. 11 | P | eP | 18 | 33 | 54 | Tu eP 18 34 35 |
| | MW | eP | | | 56 | |
| | Pr | eP | | | 34 | 04 |
| | T | eP | | | 33 | 41 |
| Aug. 12 | P | iP | 12 | 59 | 26 | Tu iP 12 59 48 c |
| | MW | iP | | | 27 | 13 00 13 |
| | R | iP | | | 29 | |
| | Pr | iP | | | 28 | |
| | H | eP | | | 32 | |
| | T | iP | | | 35 | c |
| Aug. 12 | P | iP" | 22 | 43 | 40 | Tu iP" 22 43 30 |
| | | i | | | 46 | ePKKP 57 18 |
| | | e | | | 44 | 28 |
| | | e | | | 44 | 28 |
| | PX | ePP | | | 45 | 11 |
| | | eLNE | | | 23 | 01.8 |
| | MW | iP" | | | 22 | 43 |
| | R | iP" | | | 38 | |
| | Pr | iP" | | | 37 | |
| | | e | | | 44 | 57 |
| | T | iP" | | | 43 | 45 |
| Aug. 13 | R | eP | 01 | 01 | 51 | Tu eP 01 00 58 |
| | | e | | | 59 | |
| | Pr | e | | | 46 | |
| | T | eP | | | 35 | |
| Aug. 13 | P | iP | 09 | 43 | 25 | Tu iP 09 44 08 c |
| | | e | | | 53 | |
| | | e | | | 44 | 15 |
| | MW | iP | | | 43 | 24 |
| | | e | | | 55 | |
| | | i | | | 44 | 12 |
| | R | iP | | | 43 | 29 |
| | | i | | | 58 | |
| | Pr | iP | | | 36 | |
| | | e | | | 44 | 05 |
| | H | eP | | | 43 | 12 |
| | T | iP | | | 05 | |
| | | e | | | 35 | |
| Aug. 13 | P | iP | 11 | 24 | 37 | Tu iP 11 23 42 |
| | | e | | | 58 | |
| | | i | | | 25 | 07 |
| | | i | | | 43 | |
| | | e | | | 27 | 40 |
| | | eP | | | 24 | 36 |
| | MW | e | | | 58 | |
| | | i | | | 25 | 07 |
| | R | eP | | | 24 | 32 |
| | | i | | | 25 | 04 |
| | | e | | | 27 | 39 |
| | | i | | | 59 | |
| | Pr | iPNEZ | | | 24 | 24 |
| | | i | | | 47 | |
| | | iNZ | | | 55 | |
| | | i | | | 25 | 05 |
| | LJ | eP | | | 24 | 29 |
| | | i | | | 25 | 00 |
| | H | eP | | | 24 | 45 |
| | | e | | | 25 | 16 |

South Atlantic

JSA: 16 N. 94 W.,
 O = 11:18:29

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|----------------------------------|
| Aug. 13 | T | iP | 11 | 24 | 53 | (continued) |
| | | i | | 25 | 12 | |
| | | i | | | 23 | |
| | | e | | 27 | 44 | |
| | | e | | 28 | 11 | |
| Aug. 14 | P | iP | 12 | 37 | 50 | Tu eP 12 38 21 |
| | MW | iP | | | 51 | |
| | R | iP | | | 55 | |
| | Pr | iP | | | 56 | |
| | H | eP | | | 49 | |
| | T | iP | | | 48 | |
| Aug. 14 | P | eP | 17 | 07 | 48 | Tu iP 17 08 21 |
| | | ePP | | 08 | 00 | ipp 33 |
| | PX | eLEZ | | 31 | | |
| | MW | eP | | 07 | 49 | |
| | | ePP | | 08 | 02 | |
| | R | eP | | 07 | 51 | |
| | | ePP | | 08 | 04 | |
| | Pr | iP | | 07 | 56 | |
| | | ipp | | 08 | 08 | |
| | LJ | e | | 05 | | CMO: 36.4 N. 141.2 E., |
| | SB | e | | 07 | 53 | h = 40 km. |
| | H | eP | | | 44 | |
| | | ePP | | | 56 | |
| | T | eP | | | 39 | |
| | | ipp | | | 53 | |
| Aug. 14 | P | iP | 17 | 14 | 53 | d |
| | MW | iP | | | 54 | |
| | R | iP | | | 56 | |
| | H | iP | | | 49 | |
| | T | iP | | | 45 | |
| Aug. 14 | R | eP | 20 | 14 | 31 | Tu eP 20 14 47 |
| | Pr | eP | | | 33 | Wellington: 35.2 S. 179.3 E., |
| | | i | | | 44 | O = 20:01.6, magnitude 5 ca. |
| Aug. 14 | P | eP | 23 | 52 | 22 | Tu eP 23 52 40 |
| | MW | eP | | | 28 | |
| | R | eP | | | 26 | Wellington: 35.3 S. 179.2 E., |
| | Pr | eP | | | 28 | O = 23:39.6, magnitude 5 1/2 ca. |
| Aug. 15 | P | eP | 01 | 27 | 13 | Tu eP 01 27 28 |
| | MW | eP | | | 14 | Wellington: 35.4 S. 179.3 E., |
| | R | eP | | | 12 | O = 01:14.3, magnitude 5 1/2 |
| | Pr | eP | | | 12 | |
| Aug. 15 | P | iP | 05 | 46 | 01 | Tu e(P) 05 45 58 |
| | MW | iP | | | 02 | |
| | R | iP | | | 04 | |
| | Pr | iP | | | 07 | |
| | H | iP | | 45 | 58 | |
| | T | iP | | | 55 | |
| Aug. 15 | MW | eP | 17 | 02 | 45 | Tu eP 17 03 07 |
| | | i | | 03 | 09 | e 24 |
| | | eP | | 02 | 47 | |
| | | eP | | | 53 | |
| Aug. 15 | T | eP? | 19 | 47 | 21 | Tu iP 19 47 34 |
| Aug. 16 | P | eP | 01 | 08 | 03 | Tu iP 01 08 30 |
| | MW | eP | | | 03 | |
| | R | iP | | | 06 | |
| | Pr | iP | | | 07 | |
| | T | iP | | | 07 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-----------------------------------|
| Aug. 16 | P | iP | 03 | 30 | 37 | Tu iP 03 31 02 c |
| | MW | iP | | | 38 | e 32 23 |
| | | i | | | 44 | |
| | R | iP | | | 39 | c Near Apia, which reports: |
| | Pr | iP | | | 40 | c P 03 20 48 |
| | LJ | iP | | | 35 | S 21 47 |
| | H | iP | | | 44 | |
| | T | iP | | | 45 | c |
| Aug. 16 | P | iP | 05 | 45 | 08 | Tu iP 05 44 14 |
| | | ePcP | | 47 | 34 | i 19 |
| | MW | iP | | 45 | 07 | iPcP 47 18 |
| | | ePcP | | 47 | 36 | |
| | R | iP | | 45 | 02 | |
| | | iPcP | | 47 | 33 | |
| | Pr | iP | | 44 | 58 | |
| | | iPcP | | 47 | 31 | |
| | T | iP | | 45 | 21 | |
| | | iPcP | | 47 | 40 | |
| Aug. 16 | P | eP | 10 | 56 | 47 | Tu iP 10 56 14 |
| | | ePP | | 57 | 42 | epP 57 06 |
| | MW | iP | | 56 | 47 | |
| | | ePP | | 57 | 39 | Andes? |
| | Pr | eP | | 56 | 39 | |
| | | ePP | | 57 | 33 | |
| | H | eP | | 56 | 56 | |
| | T | iP | | | 58 | |
| | | ePP | | 57 | 56 | |
| Aug. 16 | MW | e | 11 | 03 | 28 | Tu iP 11 04 14 |
| | Pr | i | | | 40 | |
| | T | e | | | 27 | |
| Aug. 16 | P | eP | 14 | 04 | 02 | Wellington: 39.45 S. 178.0 E., |
| | MW | eP | | | 02 | O = 13:50.8, Magnitude 4 1/2 - 5. |
| | Pr | iP | | | 04 | Felt at Gisborne and Wairoa. |
| Aug. 17 | P | iP | 05 | 32 | 36 | Tu eP 05 33 16 |
| | | e | | 33 | 00 | e 42 |
| | MW | iP | | 32 | 36 | |
| | | e | | 33 | 00 | |
| | R | iP | | 32 | 39 | |
| | | i | | 33 | 04 | |
| | Pr | iP | | 32 | 46 | |
| | | e | | 33 | 02 | |
| | H | eP | | 32 | 24 | |
| | T | eP | | | 16 | |
| | | i | | | 40 | |
| Aug. 17 | P | eP? | 17 | 20 | 44 | Tu eP 17 21 20 |
| | | e | | | 51 | e 34 |
| | | e | | | 21 | 16 |
| | | e? | | 20 | 37 | |
| | MW | e | | 20 | 47 | CMO: 35.2 N. 142.8 E., |
| | | e | | | 49 | h = 50 km. |
| | R | e | | | 57 | BCIS: O = 17:08.8 |
| | Pr | eP | | | 21 | 22 |
| | | e | | 20 | 30 | |
| | T | eP | | | 55 | |
| | | e | | | 53 | |
| Aug. 17 | P | eP | 19 | 13 | 53 | Tu iP 19 14 27 |
| | MW | eP | | | 53 | e 47 |
| | R | eP | | | 56 | |
| | Pr | eP | | | 14 | 00 |
| | T | eP | | | 13 | 54 |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|----------------------------------|
| Aug. 18 | P | eP | 19 | 13 | 56 | Tu eP 19 15 19 |
| | | iSNE | 15 | 28 | | |
| | PX | eLN | 15 | 8 | | Felt at Eureka, California. |
| | MW | eP | 13 | 57 | | Magnitude 5. |
| | R | ePNEZ | 14 | 04 | | Shock in Asia Minor in same hour |
| | Pr | ePNEZ | 16 | | | not recorded at these stations. |
| | SB | eP | 13 | 50 | | |
| | | eSEZ | 15 | 02 | | |
| | H | iPEZ | 13 | 45 | | |
| | T | iPNEZ | 14 | 35 | | |
| | | iSE | 14 | 48 | | |
| Aug. 18 | R | eP? | 21 | 25 | 52 | Italy. Tu iP 21 25 34 |
| Aug. 18 | PX | eLNEZ | 23 | 30 | | Tu eP 23 20 07 |
| Aug. 18 | Pr | eP? | 20 | 45 | | Mexico |
| Aug. 19 | P | eP | 01 | 27 | 10 | Tu eP 01 26 33 |
| | PX | eLNE | 35 | 0 | | |
| | MW | eP | 27 | 11 | | |
| | R | eP | 05 | 05 | | |
| | Pr | iP | 00 | 00 | | JSA: region of 1.5 N. 90 W., |
| | | i | 13 | | | O = 01:19:26 |
| | H | eP | 22 | | | |
| | T | eP | 28 | | | |
| | | e | 29 | 13 | | |
| Aug. 19 | P | iP | 05 | 46 | 27 | Tu eP 05 45 52 |
| | | ipP | 55 | | | |
| | R | iP | 23 | | | |
| | | ipP | 50 | | | |
| | T | iP | 40 | | | |
| Aug. 19 | P | epP | 08 | 47 | 06 | Tu eP 08 00 07 |
| | MW | e | 41 | | | |
| | R | e | 47 | | | |
| | Pr | i | 47 | | | |
| | T | eP | 01 | 40 | | |
| Aug. 19 | P | iP" | 11 | 08 | 22 | Tu eP" 11 08 13 |
| | | e | 51 | | | ePKKP 19 03 |
| | | e | 09 | 48 | | |
| | MW | eP" | 08 | 22 | | |
| | R | iP" | 20 | | | South Atlantic |
| | | i | 43 | | | |
| | Pr | e | 09 | 45 | | |
| | | iP" | 08 | 19 | | |
| | | e | 09 | 29 | | |
| | H | i | 41 | | | |
| | T | eP" | 08 | 26 | | |
| | | iP" | 27 | | | |
| | | e | 10 | 01 | | |
| Aug. 19 | P | ePKKP | 11 | 18 | 35 | Tu eP 11 27 27 |
| | MW | eP | 27 | 36 | | Possibly P'P' of the preceding |
| | R | eP | 39 | | | |
| | Pr | eP | 36 | | | |
| | | eP | 41 | | | |
| Aug. 19 | P | iPNEZ | 13 | 57 | 34 | Tu iP 13 58 13 |
| | | ipPEZ | 55 | | | 35 |
| | | iPcP | 59 | 16 | | 14 |
| | | i | 02 | 00 | | 14 00 39 |
| | PX | iSNE | 03 | 03 | | iScP 03 58 |
| | | eNE | 25 | | | |
| | P | iScP | 40 | | | |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|--------------------------|
| Aug. 19 | MW | iP | 13 | 57 | 35 | (continued) |
| | | ipP | 58 | 02 | | |
| | | iScP | 14 | 03 | 40 | |
| | R | iP | 13 | 57 | 37 | |
| | | ipP | 58 | | | |
| | | iScP | 14 | 03 | 40 | |
| | Pr | iPNEZ | 13 | 57 | 44 | |
| | | ipP | 58 | 06 | | |
| | | iPcP | 59 | 19 | | |
| | | e | 14 | 02 | 57 | USCGS: 62 N. 151 W., |
| | | iScP | 03 | 42 | | O = 13:50.8, h = 100 km. |
| | | e | 05 | 56 | | |
| | SB | iP | 13 | 57 | 29 | PZ A T |
| | H | iPEZ | 21 | | | 1 1 1/2 |
| | | ipP | 42 | | | 4 1 1/2 |
| | T | iPNEZ | 12 | | | |
| | | ipP | 34 | | | |
| | | i | 46 | | | |
| Aug. 19 | P | iScP | 14 | 03 | 31 | Tu iP 20 06 18 c |
| | | iPNEZ | 20 | 07 | 09 | i 28 |
| | | i | 27 | | | i 07 54 |
| | PX | ipPEZ | 08 | 49 | | |
| | | iSNE | 13 | 44 | | |
| | | eSSNE | 17 | 1 | | USCGS: 5 N. 82 W., |
| | | eLNE | 21 | 0 | | O = 19:59.0 |
| | MW | iP | 07 | 07 | | |
| | R | iP | 03 | | | |
| | Pr | iPNEZ! | 06 | 58 | | |
| | | i | 07 | 06 | | PZ A T |
| | | ipP | 08 | 33 | | 1 1 1 |
| | SB | iP | 07 | 18 | | SH 1 1/2 3 |
| | H | iP | 16 | | | |
| | T | iPNEZ | 22 | | | |
| Aug. 19 | P | eP | 22 | 48 | 52 | Tu iP 22 47 58 |
| | MW | eP | 51 | | | i 48 10 |
| | Pr | iP | 40 | | | |
| | T | eP | 49 | 09 | | |
| Aug. 20 | P | e(P) | 06 | 51 | 47 | Tu iP 06 51 01 |
| | | i | 55 | | | |
| | MW | i | 54 | | | |
| | R | eP | 47 | | | |
| | Pr | iPNEZ | 42 | | | |
| | T | eP | 52 | 06 | | |
| Aug. 20 | P | iP | 07 | 41 | 54 | Tu iP 07 41 43 c |
| | MW | iP | 53 | | | |
| | R | iP | 50 | | | |
| | Pr | iP | 51 | | | |
| | H | eP | 55 | | | |
| | T | iP | 58 | | | |
| Aug. 20 | P | eP | 13 | 26 | 14 | Tu eP 13 25 29 |
| | | iSNZ | 27 | 15 | | i 40 |
| | | eP | 26 | 14 | | iS 26 12 |
| | MW | eP | 26 | 14 | | |
| | | eSNE | 27 | 17 | | |
| | R | iP | 26 | 05 | | Magnitude 4.5 |
| | | iSEZ | 27 | 01 | | |
| | Pr | iP | 25 | 38 | | |
| | | iSN | 26 | 26 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|---------------------------|
| Aug. 20 | P | eP | 16 | 03 | 48 | Tu iP 16 03 12 |
| | MW | eP | | | 49 | |
| | R | eP | | | 50 | |
| | | e | | 04 | 05 | |
| | Pr | iP | | 03 | 51 | |
| | | e | | 04 | 03 | |
| | T | eP | | 03 | 58 | |
| | | e | | 04 | 11 | |
| Aug. 20 | P | eE | 19 | 04 | 37 | Tu e 19 04 45 |
| | PX | eE | | 30 | | |
| | MW | e | | 04 | 33 | BCIS: 7 N. 127½ E., |
| | R | e | | 05 | 08 | O = 18:45.9 |
| | Pr | e | | 08 | | USSR: 3.5 N. 125 E. |
| | T | e | | 04 | 32 | |
| Aug. 20 | P | iP | 22 | 49 | 23 | Tu iP 22 49 41 |
| | MW | iP | | | 23 | Wellington: 32 S. 177 W., |
| | R | iP | | | 24 | magnitude 6-6½ |
| | T | iP | | | 32 | |
| Aug. 21 | MW | eP | 08 | 58 | 08 | Tu iP 08 58 01 |
| | T | eP | | 57 | 59 | Italy |
| Aug. 21 | P | eP | 09 | 49 | 56 | Tu eP 09 49 17 |
| | | i | | 50 | 01 | i(S) 50 08 |
| | | iEZ | | 50 | 01 | |
| | | iSNZ | | 49 | 57 | |
| | MW | ePNEZ | | 50 | 59 | Gulf of California? |
| | | iSNEZ | | 49 | 45 | Magnitude 4.5 |
| | R | eP | | 50 | 40 | |
| | | eSE | | 50 | 40 | |
| Aug. 21 | P | i(P) | 21 | 10 | 43 | Tu iP 21 11 14 |
| | MW | iP | | | 53 | |
| | R | iP | | | 49 | |
| | Pr | eP | | | 48 | |
| | T | iP | | | 39 | |
| Aug. 22 | P | iP | 04 | 21 | 04 | Tu iP 04 21 37 |
| | MW | i | | | 00 | 46 |
| | R | eP | | | 05 | |
| | | e | | | 00 | |
| | | e | | | 08 | |
| | Pr | i | | | 11 | |
| | H | e | | | 20 | |
| | T | eP | | | 50 | |
| | | e | | | 54 | |
| | | e | | | 21 | |
| Aug. 22 | P | iP | 06 | 21 | 31 | Tu iP 06 20 57 d |
| | MW | iP | | | 32 | |
| | R | iP | | | 28 | |
| | Pr | eP | | | 24 | |
| | H | eP | | | 37 | |
| | T | iP | | | 43 | |
| Aug. 22 | P | e | 10 | 29 | 50 | Tu eP 10 28 13 |
| | R | e | | | 07 | 52 |
| | Pr | eP | | | 28 | |
| | | eS | | | 29 | |
| | R | eP | | | 16 | |
| | Pr | iP | | | 42 | |
| | T | iP | | | 47 | |
| Aug. 23 | P | iP | 03 | 13 | 27 | Tu iP 03 12 59 |
| | T | eP | | | 14 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|---------|----|----|----|------------------|
| Aug. 23 | P | eP | 12 | 04 | 31 | Tu iP 12 04 32 |
| | | e | | | 36 | i 36 |
| | MW | eP | | | 31 | |
| | Pr | iP | | | 34 | |
| | | i | | | 40 | |
| | H | eP | | | 19 | |
| | | e | | | 26 | |
| | T | eP | | | 13 | |
| | | i | | | 20 | |
| Aug. 23 | Pr | e | 12 | 43 | 23 | Tu e 12 43 47 |
| | T | e | | | 26 | |
| Aug. 23 | R | iP | 18 | 19 | 45 | Tu eP 12 18 45 |
| | Pr | iP | | | 33 | iS 20 46 |
| | T | eP | | | 20 | |
| Aug. 24 | P | e | 08 | 23 | 17 | Tu e 08 23 06 |
| | MW | e | | | 18 | |
| | R | e | | | 08 | USSR: 4 N. 97 E. |
| | T | e | | | 22 | |
| Aug. 24 | P | iP | 09 | 55 | 17 | Tu iP 09 55 39 c |
| | MW | iP | | | 16 | |
| | R | iP | | | 20 | |
| | Pr | iP | | | 18 | |
| | T | iP | | | 24 | |
| Aug. 25 | MW | iP | 02 | 25 | 33 | |
| | R | iP | | | 35 | |
| | Pr | iP | | | 39 | |
| | H | iP | | | 30 | |
| | T | iP | | | 27 | |
| Aug. 25 | R | iP | 03 | 27 | 49 | Tu iP 03 27 18 |
| | T | iP | | | 28 | |
| Aug. 25 | P | iP | 06 | 21 | 21 | Tu iP 06 20 47 c |
| | | iNEZ | | | 22 | c |
| | | i | | | 28 | |
| | | i | | | 41 | |
| | | i | | | 41 | |
| | PX | iSNE | | | 34 | |
| | | eLN | | | 39 | |
| | P | iP'P' | | | 48 | |
| | | eP'P'P' | | | 07 | |
| | MW | iPNEZ | | | 06 | |
| | | i | | | 24 | |
| | | i | | | 35 | |
| | R | iP | | | 17 | |
| | | iNEZ! | | | 19 | |
| | | i | | | 31 | |
| | | eP'P' | | | 48 | |
| | | eP'P'P' | | | 07 | |
| | Pr | iP | | | 06 | |
| | | i | | | 21 | |
| | | i | | | 17 | |
| | | i | | | 30 | |
| | | eSE | | | 30 | |
| | | eP'P' | | | 48 | |
| | | eP'P'P' | | | 07 | |
| | | iP | | | 06 | |
| | | i | | | 21 | |
| | | eSNE | | | 30 | |
| | LJ | eP | | | 21 | |
| | SB | iP | | | 24 | |
| | H | eSNE | | | 34 | |
| | | iP | | | 24 | |
| | T | iNEZ | | | 33 | |
| | | eSN | | | 34 | |
| | | eP'P' | | | 48 | |
| | | | | | 20 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|----------------------------|
| Aug. 25 | R | iP | 13 | 36 | 08 | Tu iP 13 35 38 |
| Aug. 25 | P | iP | 20 | 01 | 06 | Tu iP 20 00 31 d |
| | | iPNEZ | | | 23 | ipP 01 10 |
| | | i | | | 35 | e 29 04 |
| | MW | ipP | | | 48 | |
| | | iP | | | 07 | d |
| | | i | | | 23 | |
| | | i | | | 35 | |
| | R | iP | | | 03 | |
| | | i | | | 21 | |
| | | ipP | | | 44 | |
| | Pr | iPNZ | 00 | 59 | | d |
| | | i | 01 | 19 | | |
| | | ipP | | | 39 | Andes; depth about 150 km. |
| | LJ | eP | 00 | 59 | | |
| | | i | 01 | 19 | | |
| | H | eR | | | 14 | |
| | | epP | | | 54 | |
| | T | iP | | | 18 | |
| | | i | | | 48 | |
| Aug. 26 | MW | iP | 05 | 22 | 50 | Tu iP 05 23 14 c |
| | Pr | iP | | | 53 | |
| | T | iP | | | 57 | |
| Aug. 26 | P | iP | 09 | 00 | 41 | |
| | MW | iP | | | 41 | |
| | R | iP | | | 44 | |
| | Pr | iP | | | 46 | |
| | T | eP | | | 42 | |
| Aug. 26 | MW | iP | 09 | 47 | 33 | Tu iP 09 47 53 c |
| | R | iP | | | 35 | |
| | Pr | iP | | | 35 | c |
| | T | iP | | | 41 | |
| Aug. 26 | MW | e | 10 | 07 | 50 | Tu eP 10 04 40 |
| | R | e | | | 33 | iS 05 52 |
| | Pr | eP | 05 | 42 | | |
| | | eSN | 07 | 14 | | |
| Aug. 26 | P | e | 11 | 06 | 47 | Tu iP 11 03 39 |
| | MW | e | | | 43 | iS 04 54 |
| | R | e | | | 31 | |
| | Pr | eP | 04 | 34 | | |
| | | e | 05 | 59 | | |
| | | iSNEZ | 06 | 04 | | |
| Aug. 26 | LJ | e | 07 | 03 | | |
| | P | iP | 11 | 41 | 38 | Tu iP 11 42 03 c |
| | MW | iP | | | 39 | |
| | Pr | iP | | | 41 | Pacific? |
| | T | eP | | | 48 | |
| Aug. 26 | P | eP | 11 | 46 | 50 | Tu iP 11 46 09 c |
| | MW | iP | | | 52 | South or Central America? |
| | R | iP | | | 45 | |
| | Pr | eP | | | 39 | |
| | T | eP | | | 01 | |
| Aug. 26 | P | iPEZ | 14 | 20 | 03 | |
| | PX | e(S)E | | | 30 | |
| | | eLNZ | | | 40 | |
| | MW | iP | 20 | 05 | | |
| | R | eP | | | 02 | |
| | Pr | iP | | | 00 | |
| | | i | | | 06 | Near Apia, which reports: |
| | H | iP | | | 07 | P 14 09 09 |
| | T | iP | | | 08 | S 59 |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|------------------|
| Aug. 26 | P | iPNEZ | 20 | 49 | 29 | Tu iP 20 50 00 c |
| | | ipP | | | 51 | d |
| | | iSP | | | 52 | |
| | PX | eSNE | | | 59 | ipP 51 49 |
| | P | eP'P' | 21 | 18 | 20 | |
| | MW | iPNEZ | 20 | 49 | 30 | |
| | | ipP | | | 51 | |
| | R | iPNEZ | | | 49 | South of Japan |
| | | ipP | | | 51 | h = 500 km. |
| | | eP'P' | 21 | 18 | 08 | |
| | Pr | iPNZ | 20 | 49 | 36 | c |
| | | i | | | 44 | |
| | | ipP | | | 51 | d |
| | | i | | | 53 | |
| | | eS | | | 59 | |
| | | iSNE | | | 13 | |
| | LJ | iP | | | 49 | |
| | | epP | | | 51 | |
| | SB | iP | | | 49 | c |
| | | epP | | | 51 | |
| | H | iPNEZ | | | 49 | c |
| | | eSN | | | 58 | |
| | T | iPNEZ | | | 49 | c |
| | | i | | | 41 | |
| | | i | | | 52 | |
| | | eSNE | | | 58 | |
| Aug. 26 | P | iP | 21 | 06 | 36 | Tu iP 21 07 07 c |
| | | ipP | | | 08 | epP 08 57 |
| | | eSN | | | 16 | |
| | MW | iP | | | 06 | |
| | | epP | | | 08 | Aftershock |
| | R | iP | | | 06 | |
| | | epP | | | 08 | |
| | Pr | iP | | | 06 | |
| | | ipP | | | 08 | |
| | | eSNE | | | 16 | |
| | SB | ep | | | 06 | |
| | | iP | | | 30 | |
| | H | iPEZ | | | 34 | |
| | T | ipP | | | 30 | |
| | | ipP | | | 08 | |
| Aug. 27 | P | iP | 00 | 31 | 37 | Tu iP 00 32 09 |
| | MW | ipP | | | 38 | |
| | R | iP | | | 40 | |
| | Pr | iP | | | 44 | |
| | T | iP | | | 31 | |
| Aug. 27 | P | iP | 01 | 33 | 37 | |
| | | e | | | 43 | |
| | MW | iP | | | 37 | |
| | R | iP | | | 39 | |
| | Pr | iP | | | 41 | |
| | | i | | | 48 | |
| | LJ | eP | | | 41 | |
| | T | iP | | | 38 | |
| Aug. 27 | MW | ep | 04 | 24 | 00 | Tu iP 04 23 07 |
| | Pr | iP | | | 23 | |
| | T | eP | | | 24 | |
| Aug. 27 | P | eP | 08 | 38 | 56 | Tu iP 08 38 03 |
| | MW | ipP | | | 56 | |
| | Pr | iP | | | 44 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|------|----------------------------|
| Aug. 27 | MW | eP | 10 | 57 | 32 | Tu iP 10 57 26 c |
| | R | eP | | | 31 | BCIS: 42.0 N. 19.4 E., |
| | Pr | iP | | | 34 | O = 10:44:06 |
| Aug. 27 | T | eP | 14 | 03 | 22 | |
| | P | e | | | 11 | |
| | MW | e | | | 13 | |
| | R | e | | | 14 | |
| | Pr | e | | | 20 | |
| | | i | | | 27 | |
| Aug. 27 | T | e | 17 | 00 | 14 | Tu iP 16 59 42 d |
| | P | iPNEZ | | | 13 | |
| | | i | | | 28 | |
| | | i | | | 54 | |
| | PX | epP | 09 | | 58 | |
| | MW | iSE | 00 | | 14 | d |
| | R | iP | | | 10 | d |
| | | iPNEZ | | | 19 | |
| | | i | | | 53 | Deep |
| | Pr | iPNEZ! | | | 06 | d USCGS: 25 S. 68 W., |
| | | i | | | 31 | O = 16:48.4 |
| | | i | 04 | 01 | | BCIS: 28 3/4 S. 66 1/2 W., |
| | | i | 02 | 49 | | O = 16:48.5, h = 250 km. |
| | | i | 09 | 46 | | |
| | LJ | eSE | 00 | 06 | | A T |
| | SB | iP | | | 20 | PZ 1 1 |
| | H | eP | | | 21 | d |
| | | iPNEZ | | | 35 | |
| | | i | 01 | 04 | | |
| | T | epP | 00 | 25 | | d |
| | | iPNEZ! | | | 34 | |
| | | i | 01 | 06 | | |
| Aug. 28 | P | ipP | 02 | 37 | 40 | Tu eP 02 38 18 |
| | | eSE | | | 46 | |
| | | eP | | | 53 | |
| | | i | | | 45.3 | |
| | PX | eSNE | 45 | 37 | 40 | |
| | MW | eP | | | 46 | USCGS: 57 N. 161 E., |
| | | i | | | 44 | O = 02:27.8 |
| | R | eP | | | 50 | BCIS: 56 N. 165 E., |
| | Pr | i | | | 48 | O = 02:27:52 |
| | | iNEZ | | | 51 | |
| | H | eP | | | 31 | |
| | | i | | | 37 | |
| | T | eP | | | 25 | |
| | | i | 09 | 39 | 42 | Tu eP 09 40 06 |
| Aug. 28 | P | eP | | | 40 | |
| | MW | eP | | | 44 | |
| | R | eP | | | 43 | |
| | Pr | i | | | 48 | Near Apia, which reports: |
| | | i | 09 | 28 | 43 | P 09 28 43 |
| | H | eP | | | 54 | S 29 06 |
| | T | eP | | | 48 | |
| | | i | | | 55 | |
| Aug. 28 | P | iP | 12 | 26 | 14 | Tu iP 12 36 37 c |
| | | i | | | 23 | |
| | MW | iP | | | 16 | c BCIS: 20 S. 175 W., |
| | R | iP | | | 16 | c O = 12:24.5 |
| | Pr | iPNEZ! | | | 18 | c Apia reports: |
| | LJ | eP | | | 15 | c P 12 26 05 |
| | SB | eP | | | 41 | c S 27 12 |
| | H | iP | | | 23 | |
| | T | iP | | | 25 | c |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|----------------------------|
| Aug. 28 | P | eP | 13 | 48 | 24 | |
| | MW | eP | | | 23 | |
| | R | eP | | | 25 | |
| | Pr | eP | | | 28 | |
| | T | eP | | | 25 | |
| Aug. 29 | P | iP | 11 | 11 | 25 | Tu iP 11 11 50 |
| | MW | iP | | | 26 | |
| | R | iP | | | 29 | |
| | Pr | iP! | | | 28 | |
| Aug. 29 | Pr | iP | 12 | 05 | 40 | Tu iP 12 05 59 c |
| | T | iP | | | 47 | |
| Aug. 29 | P | e | 14 | 57 | 24 | Tu eP 14 58 12 |
| | | e | | | 38 | |
| | | e | | | 34 | |
| | MW | e | | | 38 | |
| | R | iP | | | 19 | |
| Aug. 29 | MW | eP | 16 | 46 | 11 | |
| | R | iP | | | 23 | |
| Aug. 29 | P | iPNEZ | 17 | 49 | 07 | d Tu iP 17 49 32 d |
| | | i | | | 32 | |
| | | i | | | 54 | USCGS: 15 1/2 N. 171 W., |
| | PX | eSNE | | | 58 | O = 17:37.8 |
| | | iE | | | 57 | |
| | | eLN | 18 | 06 | 9 | IV at Apia, which reports: |
| | MW | iP | 17 | 49 | 07 | d iP 17 38 15 |
| | R | iP | | | 10 | d iS 33 |
| | Pr | iPNEZ | | | 10 | d |
| | | i | | | 27 | |
| | | i | | | 50 | O9 |
| | | eP | | | 49 | O7 |
| | LJ | eP | | | 03 | |
| | SB | iP | | | 16 | |
| | H | iPEZ | | | 17 | d |
| | T | i | | | 24 | |
| Aug. 29 | P | iPNEZ | 18 | 41 | 12 | d Tu iP 18 40 13 |
| | MW | iP | | | 10 | d d |
| | R | iP | | | 05 | d d |
| | Pr | iPNEZ | | | 40 | d |
| | | i | | | 41 | O2 |
| | LJ | iP | | | 40 | 52 |
| | SB | eP | | | 41 | 21 |
| | H | iP | | | 26 | |
| | T | iPNEZ | | | 35 | d |
| Aug. 29 | P | eP | 23 | 42 | 29 | Tu iP 23 42 58 |
| | MW | eP | | | 29 | |
| | R | eP | | | 31 | i(pP) 43 10 |
| | Pr | eP | | | 36 | 20 |
| | T | iP | | | 21 | d CMO: 30.2 N. 132.2 E., |
| | | i(pP) | | | 34 | BCIS: 28 N. 132 E., |
| Aug. 30 | P | iP | 01 | 05 | 22 | c Tu iP 01 05 46 c |
| | MW | iP | | | 22 | c |
| | R | iP | | | 26 | |
| | Pr | iP | | | 25 | c |
| | T | iP | | | 30 | c |
| Aug. 30 | P | eP | 07 | 14 | 47 | Tu eP 07 15 22 |
| | | i | | | 58 | |
| | MW | eP | | | 46 | |
| | | i | | | 58 | |
| | R | eP | | | 49 | |
| | | i | | | 15 | O2 |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|-----------------------|
| Aug. 30 | Pr | iP | 07 | 14 | 55 | (continued) |
| | LJ | i | 15 | 07 | | |
| | H | i | | 08 | | |
| | T | eP | 14 | 51 | | |
| Aug. 30 | P | iPNEZ | 19 | 35 | 48 | Tu iP 19 36 18 d |
| | MW | iP | | 48 | | d |
| | R | ePN | | 49 | | |
| | Pr | ePE | | 53 | | South of Japan |
| | LJ | iP | | 55 | | USSR: 27 N. 143.5 E., |
| | SB | iP | | 42 | | h = 100 km. |
| | H | iP | | 46 | | |
| | T | iPNZ | | 43 | | |
| Sept. 1 | Pr | iP | 00 | 16 | 14 | Tu iP 00 15 33 |
| | T | eP | | 19 | | |
| Sept. 1 | P | iPNEZ | 00 | 34 | 53 | Tu iP 00 35 15 c |
| | MW | iP | | 51 | | |
| | R | iP | | 53 | | |
| | Pr | iP | | 54 | | c |
| Sept. 1 | T | iP | 19 | 35 | 00 | Tu iP 19 18 45 |
| | P | e | 20 | 16 | | |
| | PX | eLNE | | 22 | 5 | |
| | R | e | 20 | 12 | | |
| | Pr | eP | 19 | 18 | 53 | |
| | T | eP | | 19 | 57 | |
| Sept. 1 | P | eP | 19 | 56 | 11 | Tu iP 19 55 05 |
| | PX | iLNE | | 58 | 28 | i(S) 57 03 |
| | MW | iP | | 56 | 09 | |
| | R | eP | | 03 | | |
| | Pr | iP | 55 | 53 | | A T |
| | T | iP | 56 | 43 | | MH 50 10 |
| Sept. 1 | P | iP | 20 | 29 | 32 | |
| | MW | iPP | | 57 | | |
| | R | iP | | 33 | | |
| | Pr | iP | | 58 | | Pacific |
| | T | iPP | 30 | 00 | | |
| Sept. 2 | P | iP | 20 | 18 | 34 | |
| | MW | iPP | | 19 | 08 | |
| | R | eP | | 18 | 34 | |
| | Pr | iP | | 19 | 08 | |
| | T | iP | | 18 | 36 | |
| | P | eP | | 19 | 14 | |
| | PX | eP | | 18 | 33 | |
| | MW | i | | 19 | 09 | |
| Sept. 2 | P | e | 23 | 52 | 19 | Tu eP 23 49 27 |
| | PX | ISKSNE | | 59 | 45 | e 52 45 |
| | MW | eN | 24 | 04 | 21 | e 54 06 |
| | R | iSSNE | | 06 | 29 | USCGS: 10 N. 125 E., |
| | Pr | eLNE | | 17 | 8 | 0 = 23:34.7 |
| | T | e(P) | 49 | 21 | | MH A T |
| | MW | e | 53 | 03 | | 5 20 |
| | R | e | | 24 | | magnitude about 7 |
| | Pr | i | | 41 | | |
| | T | eP | | 48 | 27 | |
| | | e | | 52 | 29 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-----------------------------|
| Sept. 3 | P | iPNEZ | 09 | 50 | 41 | Tu iP 09 50 07 d |
| | | epP | | 51 | 08 | i 48 |
| | MW | iP | | 50 | 40 | i 56 |
| | | epP | | 51 | 09 | i 51 06 |
| | R | iP | | 50 | 37 | Depth 110 km. |
| | Pr | iPP | | 51 | 05 | USCGS: 18 S. 72 W., |
| | | iPNEZ | | 50 | 33 | 0 = 09:39.9 h about 100 km. |
| | | i | | 49 | | JSA: 20.7 S. 68.5 W., |
| | | iPP | | 51 | 00 | 0 = 09:39:29 |
| | | iSP | | 12 | | h = 125 km. |
| | | i | | 37 | | |
| | H | iP | | 50 | 48 | |
| | | epP | | 51 | 16 | |
| | T | e | | 29 | | |
| | | iPNEZ | | 50 | 53 | d |
| | | iPP | | 51 | 21 | |
| Sept. 3 | P | iP | 21 | 32 | 04 | Tu iP 21 32 40 d |
| | MW | iPP | | 18 | | i 49 |
| | R | iP | | 00 | | i 58 |
| | Pr | iPP | | 19 | | |
| | T | iP | | 04 | | d |
| | | iPP | | 21 | | d |
| | | iP | | 40 | | |
| | | iPP | | 57 | | |
| Sept. 4 | P | epP | 15 | 29 | 05 | Tu epP 15 29 03 |
| | | i | | 20 | | i 07 |
| | | ePP | | 34 | 20 | ePP 33 53 |
| | | i | | 51 | | |
| | | eSSN | | 57 | 5 | |
| | | eSSSE | 16 | 06 | 1 | |
| | MW | eLE | | 22 | 1 | |
| | R | epP | 15 | 29 | 05 | |
| | Pr | epP | | 34 | 20 | BCIS: 35 S. 55 E., |
| | H | i | | 29 | 07 | 0 = 15:09.0 |
| | | epP | | 20 | | |
| | | epP | | 10 | | |
| | | epP | | 34 | 20 | |
| | | i | | 29 | 14 | |
| | | i | | 21 | | |
| | | epP | | 13 | | |
| | | i | | 20 | | |
| Sept. 5 | P | iP | 02 | 08 | 24 | Tu iP 02 08 39 c |
| | MW | iP | | 25 | | iPP 10 37 |
| | R | iP | | 27 | | |
| | Pr | epP | | 40 | 25 | |
| | T | iP | | 08 | 33 | c |
| Sept. 5 | P | iPNEZ | 10 | 12 | 02 | Tu iP 10 12 33 c |
| | | iPP | | 13 | 32 | ePP 16 10 |
| | | e | | 15 | 20 | |
| | MW | iP | | 12 | 02 | CMO: 29.6 N. 139.8 E., |
| | R | epP | | 13 | 34 | h = 300 km. |
| | Pr | iP | | 12 | 04 | c |
| | | iP | | 09 | | c |
| | | epP | | 13 | 40 | |
| | | e | | 15 | 33 | |
| | H | iP | | 11 | 58 | |
| | T | iP | | 14 | 54 | c |
| | | iPP | | 13 | 34 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|-------|---------------------------|
| Sept. 5 | P | eP | 15 | 31 | 49 | Tu iP 15 30 59 |
| | R | eP | | | 46 | |
| | Pr | iP | | | 36 | |
| | T | eP | | 32 | 09 | |
| Sept. 6 | PX | eLZ | 06 | 06 | 09 | Tu eP 05 55 21 |
| | R | e | 05 | 55 | 57 | |
| | T | e | | 56 | 19 | |
| Sept. 6 | P | eP | 06 | 54 | 23 | Tu iP 06 54 51 d |
| | R | eP | | | 27 | Near Apia, which reports: |
| | Pr | iP | | | 28 | P 06 43 54 |
| | T | eP | | | 33 | S 44 29 |
| Sept. 6 | P | iP | 08 | 21 | 48 | Tu iP 08 21 14 c |
| | | ipP | | | 22 19 | 43 |
| | PX | iSN | | | 31 11 | |
| | | eLNE | | | 43 0 | |
| | MW | iP | | | 21 48 | d USCGS: 24½ S. 68½ W., |
| | | i | | | 22 20 | O = 08:10.2, h = 100 km. |
| | R | iP | | | 21 44 | c |
| | | i | | | 22 08 | |
| | | i | | | 16 | |
| | | i | | | 23 16 | |
| | Pr | iPNZ | | | 21 40 | d |
| | | i | | | 22 11 | |
| | | iSN | | | 31 01 | |
| | H | ePZ | | | 21 55 | c |
| | | e | | | 22 25 | |
| | T | iP | | | 22 00 | c |
| | | i | | | 16 | |
| | | eSN | | | 31 39 | |
| Sept. 6 | P | eP | 08 | 53 | 41 | Tu iP 08 54 05 |
| | MW | eP | | | 39 | |
| | R | eP | | | 41 | Apia reports: |
| | Pr | iP | | | 45 | P 08 43 22 |
| | H | eP | | | 47 | S 44 32 |
| | T | iP | | | 50 | |
| Sept. 6 | P | eP | 11 | 36 | 37 | Tu iP 11 37 02 |
| | MW | iP | | | 35 | Near Apia, which reports: |
| | R | eP | | | 38 | P 11 25 54 |
| | Pr | iP | | | 48 | S 26 21 |
| | H | eP | | | 44 | |
| | T | iP | | | 46 | |
| Sept. 6 | MW | e | 15 | 07 | 09 | Tu eP 15 06 11 |
| | R | e | | | 05 | |
| | Pr | eP | | | 06 58 | |
| | | i | | | 07 05 | |
| | | e | | | 30 | |
| Sept. 6 | P | iPNEZ | 16 | 41 | 14 | Tu iP 16 40 20 d |
| | | i(pp) | | | 45 | i(pp) 56 |
| | | i | | | 42 07 | 41 14 |
| | | i | | | 31 | 44 46 |
| | MW | iP | | | 41 13 | d |
| | | i(pp) | | | 46 | |
| | R | iP | | | 09 | Deep |
| | | e | | | 24 | USCGS: 14 N. 93½ W., |
| | | i(pp) | | | 42 | ⊙ = 16:35.1 |
| | | iPcP | | | 44 19 | |
| | | i | | | 37 | |
| | | e | | | 53 | |
| | Pr | iPNEZ | | | 41 02 | d |
| | | i | | | 23 | |
| | | i(pp) | | | 34 | |
| | | i | | | 44 41 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|-------|-------------------------------|
| Sept. 6 | SB | e | 16 | 41 | 25 | (continued) |
| | H | iP | | | 23 | |
| | | i(pp) | | | 56 | |
| | T | iP | | 41 | 30 | c |
| | | iPcP | | 44 | 25 | |
| Sept. 6 | P | iP | 18 | 09 | 47 | Tu iP 18 10 12 d |
| | MW | iP | | | 49 | d |
| | R | iP | | | 50 | d |
| | Pr | iP! | | | 50 | d |
| | H | iP | | | 55 | |
| | T | iP | | | 55 | |
| Sept. 7 | P | iP | 04 | 43 | 14 | Tu iP 04 43 40 c |
| | MW | iP | | | 15 | Near Apia, which reports: |
| | R | iP | | | 17 | P 04 32 41 |
| | Pr | iP | | | 18 | S 33 13 |
| | H | eP | | | 18 | |
| Sept. 7 | P | eP" | 08 | 33 | 27 | Tu eP 08 30 08 |
| | | iPP | | | 57 | 33 33 |
| | | eP | | | 34 41 | iPP 34 07 |
| | | epPP | | | 30 29 | ipPP 35 08 |
| | MW | eP" | | | 33 26 | i 22 |
| | | iPP | | | 56 | iPKKP 44 25 |
| | | epPP | | | 34 45 | i 35 |
| | | ePKKP | | | 44 35 | |
| | R | eP" | | | 33 29 | |
| | Pr | iPP | | | 44 | |
| | | iP | | | 34 08 | |
| | | e | | | 50 | Hindu Kush |
| | | iPKKP | | | 44 32 | BCIS: 36.5 N., 70.5 E., |
| | H | e | | | 33 27 | O = 08:15:20, h = 220 km. |
| | | e | | | 50 | |
| | T | eP | | | 29 14 | |
| | | e | | | 30 57 | |
| | | e | | | 32 35 | |
| | | iPP | | | 33 37 | |
| Sept. 8 | MW | eP? | 07 | 10 | 45 | Tu iP 07 09 50 c |
| | T | eP | | | 54 | |
| Sept. 8 | P | iPNEZ! | 15 | 21 | 02 | Tu iP 15 21 25 d |
| | | i | | | 13 | ip'p' 48 25 |
| | PX | iSNE | | | 30 47 | |
| | | iN | | | 33 1 | |
| | | iN | | | 35 1 | |
| | | iGN | | | 39 05 | USCGS: 21 S. 174 W., |
| | | iPKKP | | | 40 37 | O = 15:09.2 |
| | P | iP'P' | | | 48 33 | Small sea wave at Pago Pago |
| | MW | iPNEZ | | | 21 03 | d |
| | | eSN | | | 30 51 | A T |
| | | iPKKP | | | 40 47 | PZ 3 1 |
| | | ep'p' | | | 48 16 | PH 2 3½ |
| | R | iPNEZ | | | 21 04 | d SH 140 14 |
| | | iSN | | | 30 52 | MH 250 20 |
| | | ep'P' | | | 48 22 | Magnitude 7½ |
| | Pr | iPNEZ! | | | 21 05 | d A list of small aftershocks |
| | | eSE | | | 30 56 | appears at the end of this |
| | | iSNEZ | | | 58 | issue (page 133) |
| | | iPKKP | | | 40 18 | |
| | | ep'P' | | | 48 21 | |
| | SB | iP | | | 20 59 | d |
| | | iSNE | | | 30 39 | |
| | | ep'P' | | | 48 26 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|-------------------------------|
| Sept. 8 | H | iPNEZ | 15 | 21 | 44 | d (continued) |
| | | iSN | | 30 | 59 | |
| | | ep'p' | | 48 | 48 | |
| | T | iPNE | | 21 | 13 | d |
| | | iSNE | | 31 | 13 | |
| | | ep'p' | | 48 | 25 | |
| Sept. 9 | R | eP | 18 | 30 | 58 | |
| | Pr | eP | | | 56 | |
| Sept. 10 | T | eP | | 31 | 06 | |
| | R | eP | 01 | 31 | 15 | Tu eP 01 31 26 |
| | T | eP | | | 14 | |
| Sept. 10 | P | eP | 12 | 13 | 07 | Tu iP 12 13 30 |
| | R | eP | | | 08 | |
| | Pr | iP | | | 09 | i e 14 14 |
| | | e | | | 56 | i 36 |
| | | i | | 14 | 27 | |
| | H | iP | | 13 | 15 | |
| | | e | | 14 | 00 | Pacific? |
| | T | iP | | 13 | 17 | Shock in Central Asia in same |
| | | i | | 14 | 05 | hour. |
| Sept. 10 | P | iPNEZ | 13 | 59 | 48 | c Tu iP 14 00 22 c |
| | | i | | | 53 | i(pp) 37 |
| | | i(pp) | 14 | 00 | 03 | i 01 04 |
| | | i | | | 28 | |
| | PX | iSNE | | 08 | 57 | |
| | | iNE | | 09 | 21 | |
| | | iSSN | | 13 | 44 | |
| | | eSSE | | 14 | 4 | USCGS: 44 N. 146.1 E., |
| | | eGN | | 17 | 4 | O = 13:48.5 |
| | P | iP'P' | | 27 | 49 | |
| | R | iP | 13 | 59 | 50 | c CMO: 42.8 N. 147.5 E., |
| | | i(pp) | 14 | 00 | 04 | |
| | | i | | | 36 | |
| | | e | | 03 | 01 | A 2 3 |
| | | eSE | | 09 | 03 | PH 2 3 |
| | | eP'P' | | 27 | 47 | SH 5 5 |
| | Pr | iP | 13 | 59 | 56 | MH 25 20 |
| | | i | 14 | 00 | 01 | Magnitude 7.4 |
| | | i(pp) | | | 13 | |
| | | iSE | | 09 | 16 | |
| | | iSN | | | 40 | |
| | | iN | | 10 | 24 | |
| | | iP'P' | | 27 | 46 | |
| | SB | eP | 13 | 59 | 39 | |
| | | i | | | 53 | |
| | | i | | 14 | 00 | 06 |
| | H | iP | 13 | 59 | 42 | |
| | | i | | | 52 | |
| | | i(pp) | | 14 | 00 | 09 |
| | | eSE | | 08 | 45 | |
| | | iN | | 09 | 07 | |
| | T | iP | 13 | 59 | 37 | c |
| | | i(pp) | | | 52 | |
| | | eSE | | 14 | 08 | 32 |
| | | ep'p' | | | 28 | 17 |
| Sept. 10 | P | eP | 15 | 45 | 04 | Tu iP? 15 45 06 |
| | R | eP | | | 06 | e 40 |
| | Pr | eP | | | 06 | e 52 |
| | | eP | | | 15 | |
| Sept. 10 | H | eP | 20 | 08 | 10 | Tu eP 20 08 25 |
| | T | iP | | | 12 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|---------------------------|
| Sept. 10 | P | eP | 23 | 34 | 35 | Tu eP 23 34 52 |
| | MW | eP | | | 32 | i 35 09 |
| | R | eP | | | 30 | |
| | Pr | eP | | | 26 | |
| | T | eP | | | 40 | |
| Sept. 11 | P | ePP | 09 | 10 | 27 | Tu eP 09 05 10 |
| | | e | | 11 | 02 | iPP 10 44 |
| | MW | ePP | | 10 | 27 | |
| | | i | | 11 | 02 | |
| | | e | | 10 | 59 | BCIS: 37.7 N. 23.2 E., |
| | R | i | | 11 | 02 | Q = 08:52:41, h = 130 km. |
| | Pr | eP | | 06 | 12 | |
| | H | ePP | | 10 | 34 | |
| | | eP | | 06 | 10 | |
| | | e | | | 38 | |
| Sept. 11 | P | iP | 13 | 44 | 39 | Tu iP 13 44 59 d |
| | MW | iP | | | 40 | d |
| | R | iP | | | 42 | d |
| | Pr | iP | | | 41 | d |
| | H | eP | | | 47 | |
| | T | iP | | | 49 | |
| Sept. 11 | MW | eP | 16 | 13 | 25 | Tu eP 16 13 48 |
| | Pr | eP | | | 26 | |
| | H | eP | | | 32 | Pacific |
| | T | eP | | | 34 | |
| Sept. 11 | P | iP | 23 | 41 | 53 | Tu iP 23 42 17 |
| | MW | iP | | | 54 | |
| | Pr | iP | | | 56 | |
| | T | iP | | | 42 | 05 |
| Sept. 12 | P | iPNEZ | 03 | 31 | 36 | Tu iP 03 31 59 c |
| | | i | | | 59 | i 32 24 |
| | PX | eSN | | 41 | 05 | |
| | | iSE | | | 28 | |
| | | eLN | | 50 | | |
| | MW | iP | | 31 | 37 | c |
| | R | iPNE | | | 41 | |
| | Pr | iPNZ | | | 39 | c |
| | | i | | | 50 | |
| | | i | | 32 | 00 | |
| | SB | iP | | 31 | 33 | BCIS: 21 S. 174 W., |
| | H | iP | | | 44 | Q = 03:19.8 |
| | | i | | 32 | 04 | |
| | T | iPNEZ | | 31 | 44 | c |
| | | e | | 32 | 04 | |
| | | eSN | | 41 | 50 | |
| Sept. 12 | P | iP | 06 | 35 | 28 | Tu iP 06 35 51 |
| | | e | | | 51 | i 36 08 |
| | MW | iP | | | 29 | d |
| | | e | | | 51 | |
| | R | ePNE | | | 31 | |
| | Pr | iPNEZ | | | 31 | d Tonga region. |
| | | i | | | 51 | Depth 550 km? |
| | | e(pp) | | 37 | 29 | |
| | | e | | 38 | 15 | |
| | | iP | | 35 | 24 | d |
| | SB | iP | | | 34 | |
| | H | iPNEZ | | | 37 | d |
| | T | e | | | 56 | |
| | | i | | 36 | 02 | |
| | | e(pp) | | 37 | 37 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|--------------------------------|
| Sept. 12 | Pr | iP | 08 | 04 | 51 | Tu iP 08 04 29 |
| | T | eP | | 05 | 30 | |
| Sept. 12 | P | eP | 18 | 16 | 58 | Tu eP 18 16 21 |
| Sept. 12 | P | iP | 19 | 57 | 05 | Tu iP 19 57 43 |
| | MW | iP | | | 06 | |
| | R | iP | | 56 | 52 | |
| | T | iP | | 57 | 20 | |
| Sept. 13 | P | iP | 14 | 21 | 37 | Tu iP 14 22 00 d |
| | MW | iP | | | 50 | |
| | R | iP | | | 38 | |
| | Pr | eP | | | 51 | |
| | H | iP | | | 39 | |
| | T | eP | | | 53 | |
| | Pr | iP | | | 39 | Apia reports: |
| | H | iP | | | 53 | P 14 11 34 |
| | T | eP | | | 46 | S 12 50 |
| | Pr | iP | | | 47 | |
| Sept. 13 | MW | eP | 16 | 01 | 22 | Tu eP 16 01 53 |
| | Pr | eP | | | 31 | |
| Sept. 13 | P | eP | 21 | 13 | 57 | Tu iP 21 13 04 |
| | PX | eLE | | | 8 | |
| | MW | eP | | | 13 | |
| | R | eP | | | 14 | USCGS: 13 1/2 N. 93 W., |
| | Pr | iP | | | 13 | Q = 21:07.6 |
| | T | iP | | | 14 | |
| | Pr | iP | | | 15 | |
| Sept. 13 | P | ePNE | 22 | 20 | 51 | Tu iP 22 20 19 |
| | MW | iSN | | | 21 | iS 21 14 |
| | R | iE1 | | | 50 | Gulf of California? Smaller |
| | Pr | iE1 | | | 57 | similar shocks at 18:07, and |
| | MW | iE1 | | | 22 | at 05:04 Sept. 14. All charac- |
| | R | eP | | | 20 | terized at Pasadena by three |
| | Pr | eNE | | | 48 | distinct sharp impulses in the |
| | Pr | iSNZ | | | 21 | E component. |
| | R | eP | | | 20 | |
| | Pr | iS | | | 21 | |
| Sept. 14 | P | iPNEZ | 08 | 24 | 43 | Tu iP 08 25 06 c |
| | PX | eSNE | | | 34 | |
| | MW | iP | | | 24 | |
| | R | iP | | | 25 | Aftershock of Sept. 8, |
| | Pr | iPNEZ | | | 24 | 21 S. 174 W. |
| | SB | eP | | | 25 | BCIS: O = 08:12.9 |
| | H | iP | | | 24 | |
| | T | iP | | | 25 | |
| Sept. 14 | P | iP | 17 | 06 | 19 | |
| | MW | iP | | | 19 | |
| | R | iP | | | 21 | |
| | Pr | iP | | | 24 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|------------------|
| Sept. 14 | P | iP | 20 | 14 | 47 | Tu iP 20 15 10 |
| | MW | iP | | | 48 | |
| | R | iP | | | 50 | |
| | Pr | iP | | | 50 | |
| Sept. 14 | P | eP | 20 | 20 | 41 | Tu iP 20 21 24 |
| | MW | e | | | 09 | |
| | R | iP | | | 21 | |
| | Pr | eP | | | 20 | |
| Sept. 14 | P | eP | 21 | 42 | 31 | Tu eP 21 41 56 |
| | MW | eP | | | 43 | |
| | R | iP | | | 42 | |
| | Pr | iP | | | 43 | |
| | T | eP | | | 42 | |
| Sept. 15 | P | eP | 16 | 57 | 52 | Tu iP 16 58 15 |
| | MW | iP | | | 53 | |
| | R | eP | | | 58 | |
| | Pr | iP | | | 57 | |
| Sept. 16 | Pr | iP | 01 | 46 | 34 | |
| Sept. 16 | MW | iP | 02 | 45 | 00 | Tu iP 02 45 38 |
| | R | iP | | | 03 | |
| | Pr | iP | | | 29 | |
| | T | iP | | | 44 | |
| Sept. 16 | Pr | iP | 04 | 35 | 52 | Tu iP 04 35 11 |
| Sept. 16 | P | iP | 06 | 01 | 27 | Tu iP 06 01 50 |
| Sept. 16 | MW | eP | 08 | 22 | 22 | Tu eP 08 22 44 |
| | Pr | eP | | | 22 | |
| | T | eP | | | 08 | |
| Sept. 16 | P | eP | 12 | 19 | 35 | Tu eP 12 18 44 |
| | Pr | iP | | | 26 | |
| | T | eP | | | 49 | |
| Sept. 17 | P | iP | 04 | 32 | 22 | Tu iP 04 31 54 c |
| | MW | iP | | | 22 | |
| | R | eP | | | 43 | |
| | Pr | eP | | | 19 | |
| | T | iP | | | 40 | |
| | Pr | iP | | | 15 | |
| | T | iP | | | 36 | |
| | Pr | iP | | | 34 | |
| | T | iP | | | 54 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|-----------------------|
| Sept. 17 | P | iP | 09 | 54 | 02 | Tu iP 09 53 25 |
| | MW | eIP | | | 27 | e 51 |
| | R | iP | | | 02 | |
| | Pr | iP | | | 27 | |
| | T | iP | | | 39 | |
| Sept. 18 | P | iPNEZ | 08 | 03 | 05 | Tu iP 08 02 31 d |
| | MW | eIP | | | 34 | i 50 |
| | R | iP | | | 05 | i 55 |
| | Pr | iP | | | 33 | |
| | SB | eP | | | 54 | |
| | H | iP | | | 02 | d South America |
| | T | iP | | | 31 | |
| Sept. 18 | P | iPNEZ | 08 | 43 | 50 | Tu iP 08 42 56 c |
| | MW | eP | | | 44 | 43 12 |
| | R | iP | | | 44 | USCGS: 8 N. 84 W., |
| | Pr | iPNEZ | | | 43 | O = 08:36.4 |
| | T | iP | | | 44 | BCIS: 9 N. 84 1/2 W., |
| Sept. 18 | P | iP | 16 | 07 | 41 | Tu iP 16 08 02 c |
| | MW | eIP | | | 41 | |
| Sept. 18 | P | iP | 21 | 46 | 15 | Tu iP 21 46 34 c |
| | MW | iP | | | 15 | |
| | R | iP | | | 18 | |
| | Pr | iP | | | 17 | |
| | T | iP | | | 23 | |
| Sept. 19 | P | eP | 01 | 40 | 37 | Tu iP 01 40 04 |
| | MW | iP | | | 40 | i 24 |
| | R | eP | | | 41 | i 51 |
| | Pr | iP | | | 40 | |
| | T | iP | | | 41 | |
| Sept. 19 | P | eP | 04 | 57 | 15 | Tu iP 04 57 34 |
| | MW | eP | | | 15 | |
| | R | iP | | | 40 | |
| | Pr | iPNEZ | | | 15 | |
| | H | eP | | | 21 | |
| | T | eP | | | 23 | |
| Sept. 19 | P | eP | 06 | 22 | 29 | Tu iP 06 23 14 c |
| | MW | iSE | | | 29 | |
| | PX | eLNE | | | 32 | USCGS: 52 N. 178 W., |
| | MW | eP | | | 22 | O = 06:14.1 |
| | i | | | | 38 | |
| | i | | | | 48 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|----|-------------------------|
| Sept. 19 | R | eP | 06 | 22 | 35 | (continued) |
| | Pr | iPNEZ | | | 41 | c |
| | | i | | | 45 | |
| | | iSNEZ | | | 29 | |
| | | i | | | 22 | |
| | SB | eP | | | 21 | |
| | H | iP | | | 16 | c |
| | T | iP | | | 30 | |
| Sept. 19 | MW | iP | 08 | 29 | 59 | Tu iP 08 30 20 |
| | Pr | iP | | | 30 | |
| | T | iP | | | 08 | |
| Sept. 19 | MW | eP | 12 | 43 | 01 | Tu eP 12 43 28 |
| | Pr | iP | | | 42 | |
| | T | iP | | | 36 | |
| Sept. 19 | P | iP | 20 | 28 | 04 | Tu iP 20 28 25 |
| | MW | iP | | | 05 | |
| | R | iP | | | 06 | |
| | Pr | iP | | | 07 | |
| | H | eP | | | 12 | |
| | T | iP | | | 14 | |
| Sept. 19 | T | eP | 21 | 54 | 09 | Tu eP 21 54 19 |
| Sept. 20 | R | eP | 00 | 23 | 28 | Tu eP 00 23 55 |
| | Pr | eP | | | 23 | |
| | T | eP | | | 41 | |
| Sept. 21 | T | eP | 01 | 13 | 17 | Tu iP 14 59 25 |
| Sept. 21 | P | eP | 14 | 59 | 03 | |
| | MW | eP | | | 02 | |
| | R | eP | | | 05 | Apia reports: |
| | Pr | eP | | | 05 | P 14 48 59 |
| | T | iP | | | 10 | S 50 17 |
| | | iP | | | 17 | |
| Sept. 21 | P | iP | 15 | 31 | 09 | Tu iP 15 31 32 c |
| | MW | iP | | | 10 | |
| | R | iP | | | 12 | |
| | Pr | iP | | | 22 | |
| | T | iP | | | 16 | |
| Sept. 21 | P | eP" | 17 | 52 | 53 | Tu eP 17 51 50 |
| | | e | | | 53 | eP" 53 04 |
| | | e | | | 56 | i 56 30 |
| | | e | | | 38 | i 51 51 |
| | PX | eE | | | 57 | |
| | MW | eP | | | 51 | |
| | | eP" | | | 52 | |
| | | e | | | 56 | Distance 140°? |
| | | e | | | 56 | Northeast Indian Ocean? |
| | | e | | | 37 | |
| | R | eP | | | 51 | |
| | | iP" | | | 52 | |
| | | i | | | 56 | |
| | Pr | eP | | | 51 | |
| | | eP" | | | 53 | |
| | | i | | | 56 | |
| | | i | | | 42 | |
| | H | eP" | | | 52 | |
| | | i | | | 53 | |
| | T | iP" | | | 52 | |
| | | i | | | 56 | |
| Sept. 21 | P | eP | 23 | 48 | 20 | Tu iP 23 48 38 |
| | MW | eP | | | 21 | |
| | R | iP | | | 23 | |
| | Pr | iP | | | 21 | |
| | T | eP | | | 30 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|-------|-------|----|----|------------------|--------------------------|
| Sept. 22 | P | iPNEZ | 00 | 04 | 43 | Tu iP 00 05 15 d |
| | MW | iP | | | 44 | d |
| | R | iP | | | 47 | d |
| | Pr | iP | | | 50 | |
| | SB | iP | | | 37 | |
| Sept. 22 | H | iP | | | 42 | |
| | T | iPNEZ | | | 39 | d |
| | R | eP | 02 | 33 | 26 | Tu eP 02 33 46 |
| | | i | | | 39 | 34 07 |
| Sept. 22 | Pr | iP | | | 25 | |
| | T | eP | | | 38 | |
| | | e | | | 33 | |
| Sept. 22 | P | eP | 05 | 13 | 54 | Tu iP 05 13 59 d |
| | | e | | | 22 | 14 07 |
| Sept. 22 | MW | eP | | | 13 | |
| | R | eP | | | 21 | |
| | Pr | eP | | | 18 | |
| | T | iP | | | 27 | |
| Sept. 22 | P | iP | | | 23 | d |
| | | i | | | 32 | |
| | | iP | 12 | 56 | | d |
| | | i | 13 | 04 | | |
| | P | iPNEZ | 07 | 29 | 27 | Tu iP 07 28 53 d |
| | | i | | | 43 | 29 04 |
| | | i | | | 30 | 23 44 |
| | MW | iPNEZ | | | 29 | 26 d |
| | | i | | | 37 | |
| | | i | | | 30 | 20 JSA: 23.9 S.66.0 W., |
| | R | iPEZ | | | 29 | 23 d O = 07:18:02 |
| | | i | | | 30 | 10 h = 200 km. |
| | Pr | iPNZ | | | 29 | 19 d USCGS: 22 S. 68 W., |
| | i | | | 30 | 10 O = 07:18.0 | |
| SB | iP | | | 29 | 32 d h = 100 km. | |
| H | iPNEZ | | | 34 | d | |
| T | iPNEZ | | | 38 | d | |
| Sept. 22 | | i | | | 48 | |
| | | i | | | 55 | |
| | P | iP | 17 | 32 | 21 | Tu iP 17 32 43 d |
| | MW | iP | | | 22 | |
| | Pr | iP | | | 23 | c |
| Sept. 22 | P | eP | 21 | 36 | 53 | Tu iP 21 35 59 d |
| | MW | eP | | | 57 | |
| | R | eP | | | 49 | JSA: 17.8 N. 81.9 W., |
| | Pr | eP | | | 42 | O = 21:29:48 |
| Sept. 23 | T | eP | | | 37 | 02 |
| | P | eP | 01 | 04 | 17 | Tu iP 01 04 50 |
| Sept. 23 | | e | | | 25 | 56 |
| | MW | eP | | | 17 | 05 06 |
| | | e | | | 27 | |
| | R | eP | | | 19 | CMO: 40.8 N. 143.7 E., |
| | Pr | eP | | | 24 | h = 60 km. |
| Sept. 23 | H | i | | | 32 | |
| | T | eP | | | 20 | |
| Sept. 23 | P | eP | 08 | 36 | 04 | Tu iP 08 36 27 |
| | MW | eP | | | 04 | |
| | R | iP | | | 07 | |
| | Pr | iP | | | 04 | |
| | | iP | | | 04 | |
| | T | iP | | | 15 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|--------|----|----|----|--------------------------|
| Sept. 23 | P | eP | 12 | 45 | 04 | Tu iP 12 45 25 d |
| | MW | eP | | | 03 | |
| | R | iP | | | 05 | d |
| | Pr | iP | | | 03 | d Southwest Pacific |
| | | i | | | 08 | |
| Sept. 23 | T | iP | | | 09 | |
| | P | eP | 15 | 22 | 20 | Tu eP 15 22 57 |
| | MW | eP | | | 24 | BCIS: 42 N. 147 1/2 E., |
| Sept. 23 | Pr | eP | | | 28 | O = 15:11.0 |
| | T | eP | | | 23 | |
| | P | eP | 22 | 51 | 33 | Tu iP 22 51 05 |
| Sept. 23 | | iS | | | 52 | 30 |
| | R | eP | | | 51 | 25 |
| | Pr | eP | | | 09 | Gulf of California? |
| | | i | | | 14 | |
| | | iS | | | 53 | |
| Sept. 23 | P | eP | 00 | 33 | 47 | Tu iP 00 33 15 |
| | | iSNZ | | | 34 | 48 |
| | MW | eP | | | 33 | 46 |
| | R | eP | | | 35 | Gulf of California? |
| Sept. 24 | Pr | eP | | | 23 | |
| | | iS | | | 34 | 06 |
| Sept. 24 | P | e | 23 | 46 | 04 | Tu e 23 46 42 |
| | MW | e | | | 07 | CMO: 22 N. 122 E. |
| Sept. 25 | T | eP | 15 | 34 | 23 | Tu iP 15 32 47 |
| | | iS | | | | 35 15 |
| Sept. 26 | P | iPNEZ | 01 | 12 | 07 | Tu iP 01 12 36 |
| | | iPPNEZ | | | 41 | 13 08 |
| | PX | iSE | | | 22 | 47 |
| | | eLE | | | 41 | |
| | MW | iPNEZ | | | 12 | 08 c Depth 90 km. |
| | | i | | | 34 | |
| | | iPP | | | 41 | |
| | R | iPNEZ | | | 10 | c BCIS: 8 1/2 S. 160 E., |
| | | iPP | | | 44 | O = 00:59.2 |
| | Pr | iPNEZ | | | 13 | c |
| | | i | | | 42 | |
| | | iPPNEZ | | | 47 | |
| | | eSE | | | 23 | 02 |
| SB | iP | | | 12 | 03 | |
| Sept. 26 | | ePP | | | 35 | |
| | H | iP | | | 10 | |
| | T | iPP | | | 45 | |
| | | iPNEZ | | | 08 | |
| | | iPP | | | 44 | |
| | P | i | 06 | 01 | 51 | Tu iP 06 01 55 |
| Sept. 26 | MW | i(P) | | | 41 | i 02 04 |
| | | e | | | 49 | 10 17 |
| | H | eP | | | 30 | e 11 35 |
| | | e | | | 40 | |
| Sept. 26 | T | iP | | | 24 | |
| | | i | | | 33 | |
| | P | eP | 18 | 25 | 53 | Tu eP 18 25 59 |
| Sept. 26 | MW | eP | | | 53 | |
| | H | eP | | | 26 | 02 |
| | T | eP | | | 06 | |
| Sept. 26 | MW | eP | 21 | 20 | 53 | Tu iP 21 21 11 |
| | R | eP | | | 49 | |
| | | eP | | | 57 | |
| | H | eP | | | 54 | |
| | | eP | | | 54 | |
| | T | eP | | | 54 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|----------|----|----|-------|--|
| Sept. 27 | P | iP | 04 | 14 | 52 | Tu iP 04 15 16 |
| | MW | iP | | | 53 | |
| | R | iP | | | 55 | |
| | Pr | iP | | | 55 | |
| | H | eP | | | 58 | |
| | T | eP | | | 57 | |
| Sept. 27 | P | i | 05 | 50 | 25 | Tu iP 05 49 36 |
| | MW | eP | | | 10 | i 50 50 |
| | | i | | | 25 | i 50 47 |
| | R | iP | | | 07 | i 51 08 |
| | | i | | | 22 | |
| | Pr | i | | | 19 | |
| | H | eP | | | 19 | |
| | | e | | | 34 | |
| | T | iP | | | 23 | |
| | | i | | | 36 | |
| Sept. 27 | P | iP"NEZ | 21 | 32 | 52 | Tu eP" 21 32 50 |
| | | ipP"EZ | | | 35 13 | i 33 06 |
| | | e | | | 46 13 | i 35 49 |
| | MW | iP" | | | 32 52 | i 35 25 c |
| | | i | | | 57 | i 38 |
| | | ePP | | | 34 57 | i 36 15 |
| | | ipP" | | | 35 13 | i 46 |
| | | e | | | 45 33 | i 37 37 |
| | R | iP" | | | 32 53 | e 38 28 |
| | | ipP" | | | 35 16 | e 51 |
| | | e | | | 45 38 | e 40 34 |
| | Pr | iP"NZ | | | 32 55 | e 44 36 c |
| | | ipP"NEZ! | | | 35 18 | i 45 11 |
| | | e | | | 45 34 | |
| | | i | | | 46 04 | |
| | SB | eP" | | | 32 50 | Interpretation doubtful, probably near 5 S. 110 E, h = 600 km. |
| | H | iP" | | | 35 13 | |
| | | ipP" | | | 32 49 | |
| | T | iP"EZ | | | 35 08 | |
| | | ipP" | | | 45 43 | |
| Sept. 28 | P | eP" | 21 | 55 | 26 | Tu iP" 21 55 35 |
| | | e | | | 58 59 | i 57 30 |
| | PX | e | 22 | 05 | 28 | e 58 07 |
| | P | e | | | 06 02 | i 59 03 |
| | PX | eNE | | | 12 12 | e 22 00 41 |
| | | iNE | | | 27 30 | |
| | MW | eLNE | 21 | 55 | 24 | USCGS: 23 N. 94 E., O = 21:36.6 |
| | | ipP" | | | 58 59 | JSA: 22.9 N. 94.4 E., O = 21:36:53 |
| | R | iP" | | | 55 25 | h = 100 km. |
| | | i | | | 58 52 | |
| | Pr | eP" | | | 55 29 | |
| | T | eP" | | | 24 | |
| | | e | | | 56 12 | |
| | | e | | | 58 46 | |
| Sept. 29 | MW | iP | 02 | 15 | 46 | Tu iP 02 15 13 |
| | R | iP | | | 43 | |
| | T | iP | | | 57 | |
| Sept. 29 | Pr | iP | 04 | 20 | 19 | Tu iP 04 20 38 |
| Sept. 30 | P | iP | 02 | 14 | 50 | Tu iP 02 15 13 c |
| | | i | | | 15 00 | i 30 |
| | | i | | | 07 | |
| | MW | iP | | | 14 50 | Apia reports: P 02 04 42 S 05 50 |
| | | i | | | 15 11 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|----------|------|-------|----|----|-------|--------------------|
| Sept. 30 | R | iP | 02 | 14 | 53 | (continued) |
| | | i | | | 15 09 | |
| | | i | | | 36 | |
| | Pr | iPEZ | | | 14 48 | |
| | | i | | | 15 32 | |
| | SB | eP | | | 14 55 | |
| | H | iPNEZ | | | 58 | c |
| | T | iPNEZ | | | 15 00 | c |
| | | i | | | 27 | |
| | | i | | | 45 | |
| Sept. 30 | MW | eP | 03 | 08 | 53 | Tu eP 03 08 43 |
| | R | eP | | | 53 | e 09 15 |
| | Pr | eP | | | 47 | |
| | T | eP | | | 09 15 | Part of next? |
| | | e | | | 22 | |
| | | e | | | 50 | |
| Sept. 30 | MW | iP | 03 | 12 | 42 | Tu iP 03 13 02 |
| | R | iP | | | 43 | e 14 55 |
| | Pr | iP | | | 43 | |
| | H | eP | | | 48 | Part of preceding? |
| | T | iP | | | 50 | |
| Sept. 30 | P | iP | 14 | 44 | 42 | Tu iP 14 45 03 c |
| | | ipP | | | 45 02 | i 25 |
| | MW | iP | | | 44 41 | |
| | | ipP | | | 45 04 | |
| | R | iP | | | 44 44 | c |
| | | ipP | | | 45 06 | |
| | Pr | iPEZ | | | 44 43 | c |
| | | ipPEZ | | | 45 06 | c |
| | H | iP | | | 44 49 | c |
| | | ipP | | | 45 11 | |
| Sept. 30 | P | iP | 16 | 01 | 02 | Tu iP 16 01 29 |
| | MW | iP | | | 02 | |
| | R | iP | | | 04 | |
| | Pr | iP | | | 08 | |
| Sept. 30 | P | iP | 19 | 03 | 40 | Tu eP? 19 04 10 |
| | MW | iP | | | 41 | |
| | R | iP | | | 42 | d |
| | Pr | iP | | | 46 | d |
| | | e | | | 55 | |
| | H | iP | | | 36 | |
| | T | iP | | | 33 | |

The following are times of P at Pasadena for small aftershocks of the earthquake of September 8, 1948, for which the corresponding time was 15:21:02.

| Sept. 8 | Sept. 9 |
|----------|----------|
| 16 14 56 | 05 40 28 |
| 16 24 18 | 06 16 18 |
| 16 33 27 | 06 21 02 |
| 16 40 22 | 07 01 49 |
| 16 59 03 | 07 17 50 |
| 17 15 55 | 12 32 19 |
| 17 23 43 | 12 36 13 |
| 17 42 50 | 14 12 00 |
| 18 01 41 | 14 16 34 |
| 18 27 05 | |
| 19 06 34 | |
| 19 28 56 | |
| 19 38 04 | |
| 20 08 26 | |
| 20 11 34 | |
| 22 40 42 | |

C. F. Richter
June 1, 1949

Note

Station coördinates and other information given on pages 3 and 48 for 1948 are correct. More detailed information will be found on page 3 of the 1947 issue.

Increased publication expense will make it necessary to present future issues of this Bulletin in more condensed form, probably omitting some of the data for auxiliary stations. It is hoped that the same style and page size can be retained.

| Date | Sta. | Phase | h | m | s | Remarks | |
|--------|-------|--------|--------|----|--------------|---------------------|------------------|
| Oct. 1 | P | iPNEZ | 11 | 38 | 19 | d Tu iPl 11 37 19 d | |
| | | ipPNEZ | | | 39 | ipP 40 | |
| | | e(sP) | | | 56 | i 43 03 | |
| | | e | | | 39 05 | i 26 | |
| | | iPcP | | | 42 05 | | |
| | | ipPcP | | | 22 | | |
| | | iSNE | | | 36 | | |
| | | PX | eGN | | 44 | 1 | |
| | | | eMN | 12 | 08 | 0 | |
| | | MW | iPNEZ | 11 | 38 | 19 | USCGS: 17 N 99 W |
| | | | ipP | | | 36 | O = 11:33.1 |
| | | | i | | | 41 | h = 100 km. |
| | | | i | | | 39 08 | |
| | | | iPcP | | | 42 05 | |
| | | R | iPNEZ! | | 38 | 13 | d A T |
| | | | ipP | | | 29 | PH 2 3 |
| | | | i | | | 34 | PZ 3 3 |
| | | | iPcP | | 42 | 04 | pPZ 4 2 |
| | | | i | | | 15 | SH 3½ 7 |
| | | | i | | | 20 | |
| Pr | iPl | | 38 | 04 | Magnitude 6½ | | |
| | i | | | 17 | | | |
| | i | | | 24 | | | |
| | iPcP | | 42 | 03 | | | |
| LJ | iPNEZ | | 38 | 05 | d | | |
| | i | | | 25 | | | |
| SB | eP | | | 30 | | | |
| | i | | | 58 | | | |
| H | iPNEZ | | | 29 | d | | |
| | i | | | 44 | | | |
| | i | | | 50 | | | |
| | i | | 39 | 04 | | | |
| | i | | | 54 | | | |
| | iPcP | | 42 | 06 | | | |
| T | iPNEZ | | 38 | 37 | | | |
| | ipP | | | 53 | | | |
| | iPcP | | 42 | 09 | | | |
| | i | | | 25 | | | |
| Oct. 1 | MW | eP | 11 | 57 | 49 | Tu iP 11 57 03 | |
| | R | eP | | | 50 | | |
| | Pr | iP | | | 38 | | |
| | T | eP | | | 34 | | |
| Oct. 1 | P | eP | 22 | 58 | 13 | Tu iP 22 58 35 | |
| | MW | eP | | | 13 | i 59 16 | |
| | | e | | | 51 | | |
| | R | iP | | | 15 | Southwest Pacific | |
| | | i | | | 28 | | |
| | | i | | | 53 | | |
| | Pr | iP | | | 16 | | |
| | | i | | | 53 | | |
| Oct. 2 | P | eP | 00 | 15 | 48 | Tu iP 00 14 56 | |
| | MW | iP | | | 49 | i 15 14 | |
| | | e | | | 04 | i 25 | |
| | R | iP | | 15 | 42 | | |
| | | e | | | 55 | | |
| | Pr | iP | | | 35 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|--|--|----|----|----|---------------------------------------|
| Oct. 2 | P MW R H | iP iP iP eP | 04 | 57 | 12 | Tu iP 04 57 24 i 58 18 e 36 |
| Oct. 2 | P MW R H | eP iP iP eP | 06 | 46 | 46 | Tu iP 06 47 10 c |
| Oct. 2 | P MW R SB H | iPEZ iP iP ipP eP iPNZ | 14 | 34 | 37 | Tu iP 14 34 56 c ipP 35 11 i 15 |
| Oct. 2 | P MW H | epP eP eP | 14 | 46 | 03 | Tu eP 14 46 21 i 33 |
| Oct. 2 | P MW R | iP i i(L) | 16 | 04 | 25 | Tu eP 16 03 24 i 38 i(L) 07 46 |
| Oct. 3 | H P MW R Pr LJ SB H | iPNZ iP iP iP eP eP eP | 07 | 01 | 01 | Tonga region |
| Oct. 3 | P MW R Pr H | eP eP eP iP i(P) | 14 | 49 | 56 | Mexico |
| Oct. 3 | P MW R Pr H | eP eP eP iP i(P) | 14 | 48 | 57 | Pacific |
| Oct. 3 | P MW R Pr H | eP eP eP iP i(P) | 17 | 22 | 55 | Tu iP 17 22 55 ipP 23 11 i 16 |
| Oct. 4 | P MW R | eP iP iP | 10 | 26 | 28 | Pacific |
| Oct. 5 | P MW | eP iP | 00 | 58 | 11 | Tu e 00 59 20 |
| Oct. 5 | R P MW R Pr H | eP iP iP iP iP eP | 12 | 12 | 03 | Tu iP 12 13 17 |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|--|--|----------------------|----------------------|--|--|
| Oct. 5 | PX | eP iPP i iPPP iSKSNZ eS iPSN iPPS iPKKP eSSN iN eLN eW2N | 20 | 26 | 33 | Tu eP 20 26 44 i 30 44 iPKKP 41 42 |
| Oct. 5 | MW R Pr | e i e e ePKKP | 20 | 30 | 04 | Destructive in Turkmen S.S.R. and Iran USCGS: 38 N 58 E, O = 20:12.1 BCIS: 37.6 N 57.8 E O = 20:12:07 |
| Oct. 5 | SB P MW Pr LJ H T P | e iP iP iPNZ e(P) iP iP iPNEZ eNZ | 20 23 | 29 02 | 32 03 | Tu iP 23 02 25 |
| Oct. 7 | MW R Pr H T | iP i iP e e iP i i iPEZ | 18 | 54 | 05 | Tu iP 18 54 27 i 50 |
| Oct. 8 | P MW R Pr H T | eP eP e e e iP e e eP iP | 06 | 49 | 38 | Tu iP 06 50 02 |
| Oct. 8 | R Pr H T | e e e e e iP e e eP iP | 50 49 50 49 | 01 20 18 41 | 54 40 42 41 55 18 47 49 | Near Apia, which reports: P 06 39 40 S 40 56 |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|-------|----|--------------------|
| Oct. 8 | P | iPEZ | 09 | 16 | 40 | d Tu iP 09 17 28 d |
| | | e | | 54 | | i 41 |
| | | e | | 17 04 | | i 52 |
| | MW | iP | 16 | 41 | d | |
| | | e | | 51 | | |
| | R | iP | 17 | 04 | d | |
| | | e | | 16 45 | | |
| | Pr | iPNZ | 17 | 08 | d | |
| | | e | | 16 52 | | |
| | | e | | 17 06 | | |
| | LJ | iP | 16 | 52 | d | |
| | | e | | 17 06 | | |
| | SB | eP | 16 | 31 | | |
| | H | iP | | 33 | d | |
| | | e | | 45 | | |
| | | e | | 57 | | |
| | | i | 18 | 35 | | |
| | | e | | 49 | | |
| | T | iP | 16 | 26 | d | |
| | | e | | 50 | | |
| | | e | | 17 04 | | |
| Oct. 8 | MW | e | 19 | 20 | 36 | Tu i 19 20 35 |
| | R | e | | 24 | | |
| | Pr | e | | 16 20 | | BCIS: 28 N 105 E, |
| | | e | | 19 56 | | O = 19:01.9 |
| | T | e | | 16 03 | | |
| | | e | | 20 26 | | |
| Oct. 9 | T | eP | 05 | 20 | 57 | Tu eP 05 21 09 |
| | | e | | 21 12 | | i 57 |
| Oct. 9 | MW | iP | 07 | 44 | 23 | Tu iP 07 45 01 |
| | | e | | 31 | | ipP 12 |
| | R | iP | | 22 | | |
| | | e | | 33 | | |
| | | e | | 38 | | |
| | Pr | i | | 42 | | |
| | LJ | i | | 43 | | |
| | H | eP | | 05 | | |
| | | e | | 17 | | |
| | T | epP | | 43 58 | c | |
| | | e | | 44 10 | | |
| Oct. 9 | P | iP | 17 | 38 | 42 | Tu iP 17 39 14 c |
| | MW | iP | | 42 | | c c c c c |
| | R | iP | | 45 | | |
| | Pr | iP | | 49 | | |
| | T | iP | | 31 | | c |
| Oct. 9 | P | eP | 18 | 34 | 11 | Tu iP 18 33 53 |
| | MW | eP | | 12 | | |
| | R | eP | | 09 | | |
| | Pr | iP | | 09 | | |
| | SB | eP | | 28 | | |
| | H | eP | | 23 | | |
| Oct. 9 | P | eP | 21 | 53 | 27 | |
| | | e | | 59 | | |
| | MW | eP | | 27 | | |
| | | e | | 54 02 | | |
| | R | eP | | 53 24 | | |
| | | e | | 59 | | |
| | Pr | iP | | 23 | | |
| | T | eP | | 39 | | |
| | | e | | 54 15 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|-------|----|---------------------------|
| Oct. 10 | P | eP | 13 | 28 | 44 | Tu eP 13 27 49 |
| | MW | eP | | 43 | | |
| | R | eP | | 37 | | |
| | Pr | iP | | 33 | | |
| | T | eP | | 57 | | |
| Oct. 11 | MW | eP | 02 | 48 | 33 | Tu iP 02 48 55 |
| | R | eP | | 34 | | |
| | Pr | eP | | 35 | | |
| | T | eP | | 37 | | |
| Oct. 11 | MW | eP | 04 | 18 | 48 | Tu eP 04 19 10 |
| | R | iP | | 50 | | |
| | Pr | iP | | 50 | | |
| Oct. 11 | P | e | 14 | 21 | 03 | |
| | MW | e | | 01 | | |
| | R | e | | 20 53 | | |
| | | e | | 21 08 | | |
| | Pr | eP | | 20 54 | | |
| | | e | | 21 04 | | |
| | | i | | 12 | | |
| | LJ | e | | 21 15 | | |
| Oct. 12 | MW | eP | 01 | 23 | 50 | |
| | | e | | 24 06 | | |
| | R | eP | | 23 53 | | |
| | | e | | 24 07 | | |
| | | e | | 12 | | |
| Oct. 12 | P | eP | 02 | 47 | 38 | Tu iP 02 48 02 |
| | MW | eP | | 38 | | |
| | R | eP | | 40 | | BCSF: 19 S 170 E, |
| | Pr | iP | | 41 | | O = 02:34.9 |
| | SB | eP | | 46 | | |
| | T | eP | | 43 | | |
| Oct. 12 | MW | iP | 02 | 52 | 18 | Tu eP 02 52 50 |
| | R | iP | | 20 | | |
| Oct. 12 | P | eP | 02 | 52 | 53 | Tu iP 02 53 17 |
| | MW | eP | | 54 | | |
| | R | iP | | 56 | | Near 19 S 170 E |
| | Pr | iP | | 57 | | |
| | LJ | eP | | 55 | | Addendum: |
| | SB | eP | | 51 | | MW eP 03 33 22 |
| | T | iP | | 00 | | |
| Oct. 12 | R | eP | 03 | 33 | 25 | |
| | Pr | iP | | 32 | | |
| | T | eP? | | 32 42 | | |
| | | i | | 33 09 | | |
| Oct. 12 | P | iPNEZ | 13 | 49 | 49 | d Tu iP! 13 50 14 d |
| | | i | | 50 03 | | e 51 30 |
| | | ipP | | 51 16 | | |
| | | i | | 44 | | |
| | | e | | 52 43 | | Tonga region, h = 400 km. |
| | MW | iP | | 49 49 | d | |
| | | i | | 50 00 | | |
| | | epP | | 51 16 | | |
| | R | iP | | 49 52 | d | |
| | | i | | 50 02 | | |
| | | epP | | 51 18 | | |
| | | e | | 52 46 | | |
| | Pr | iPNZ! | | 49 53 | d | |
| | | i | | 50 12 | | |
| | | ipP | | 51 20 | | |
| | | e | | 54 | | |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|----------------|
| Oct. 16 | R | iP | 04 | 53 | 56 | d (continued) |
| | | i | | 54 | 03 | |
| | | i | | 56 | 12 | |
| | Pr | iPNZ | 54 | 04 | d | |
| | | i | | 14 | | |
| | | i | | 20 | | |
| | | iPcP | 56 | 15 | | |
| | LJ | iP | 54 | 05 | d | |
| | SB | iP | 53 | 44 | | |
| | H | iP | 54 | 42 | | |
| | | i | 54 | 17 | | |
| | | iPcP | 56 | 06 | | |
| | T | iPEZ | 53 | 36 | d | |
| | | i | | 48 | | |
| | | e | 54 | 20 | | |
| | | iPcP | 56 | 05 | | |
| Oct. 16 | P | eP | 14 | 40 | 13 | |
| | MW | eP | | | 10 | |
| | | eP | | | 18 | |
| | R | eP | | | 13 | |
| | Pr | eP | | | 15 | |
| Oct. 17 | P | eP | 02 | 34 | 38 | Tu eP 02 34 35 |
| | MW | eP | | | 38 | |
| | R | eP | | | 36 | e 35 07 |
| | Pr | eP | | | 31 | |
| | T | eP | | | 49 | |
| Oct. 18 | | eP | 03 | 13 | 25 | |
| Oct. 19 | MW | eP | 03 | 19 | 11 | |
| | T | eP | | 18 | 45 | |
| Oct. 19 | T | iP | 03 | 56 | 38 | |
| Oct. 19 | T | eP | 22 | 32 | 20 | Tu eP 22 33 11 |
| Oct. 19 | T | iP | 22 | 36 | 01 | Tu eP 22 36 52 |
| | | i | | 09 | | |
| Oct. 20 | R | eP | 02 | 56 | 16 | Tu eP 02 54 54 |
| Oct. 20 | P | eP | 03 | 24 | 23 | Tu eP 03 25 05 |
| | MW | eP | | | 27 | |
| | R | eP | | | 26 | |
| | Pr | eP | | | 32 | |
| | T | iP | | 24 | 09 | |
| | | i | | 18 | | |
| Oct. 20 | MW | eP | 08 | 20 | 56 | Tu eP 08 21 13 |
| | R | eP | | | 48 | |
| | Pr | eP | | | 50 | |
| | T | eP | | | 53 | |
| Oct. 20 | P | eP | 11 | 07 | 56 | Tu eP 11 08 19 |
| | MW | eP | | | 57 | |
| | R | eP | | | 59 | |
| | Pr | eP | | 08 | 03 | |
| | T | iP | | | 08 | |
| | | e | | | 59 | |
| | | eP | | 10 | 13 | |
| Oct. 20 | P | eP | 11 | 19 | 48 | Tu iP 11 20 26 |
| | MW | iP | | | 49 | |
| | R | eP | | | 52 | |
| | Pr | eP | | | 57 | |
| | T | iP | | | 35 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|-------|-----------------------|
| Oct. 21 | P | iP | 02 | 01 | 13 | Tu e 02 05 33 |
| | PX | eLE | | | 34.1 | |
| | MW | eP | | | 01 13 | |
| | R | iP | | | 16 | |
| | Pr | iP | | | 18 | |
| | | e | | 02 | 03 | |
| | | e | | 05 | 02 | |
| | | e | | 25 | | |
| | H | e | | 01 | 15 | |
| | T | iP | | | 14 | |
| Oct. 21 | P | iP | 02 | 07 | 37 | |
| | | e | | 08 | 30 | |
| | MW | iP | | 07 | 36 | |
| | R | eP | | | 40 | |
| | Pr | eP | | | 43 | |
| | T | eP | | | 38 | |
| Oct. 21 | P | iP | 02 | 38 | 35 | Tu iP 02 38 04 c |
| | MW | iP | | | 35 | |
| | R | iP | | | 32 | |
| | Pr | iP | | | 28 | |
| | T | iP | | | 47 | |
| | | e | | 39 | 29 | c |
| Oct. 21 | MW | eP | 04 | 18 | 54 | |
| | R | eP | | | 56 | |
| | T | eP | | | 55 | |
| Oct. 21 | P | eP | 04 | 36 | 07 | Tu iP 04 36 25 |
| | MW | eP | | | 07 | |
| | R | eP | | | 10 | |
| | Pr | eP | | | 10 | |
| | T | eP | | | 18 | |
| Oct. 21 | P | iP | 04 | 57 | 05 | Tu iP 04 56 10 c |
| | | e | | | 37 | |
| | | iPcP | | 59 | 38 | i 15 |
| | | iScP | | | 15 | i 24 |
| | | eLN | 05 | 03 | 15 | i 57 14 |
| | PX | iP | 04 | 57 | 05 | iPcP 59 21 |
| | MW | iP | | | 27 | iScP 05 02 55 |
| | | i | | | 27 | |
| | | ePcP | | 59 | 38 | |
| | | eScP | 05 | 03 | 27 | |
| | R | iP | 04 | 57 | 00 | c |
| | | i | | | 19 | |
| | | iPcP | | 59 | 37 | USCGS 12 N 88 W, |
| | | eScP | 05 | 03 | 14 | O = 04:50.2 |
| | Pr | iP | 04 | 56 | 54 | c |
| | | i | | 57 | 18 | A T |
| | | i | | | 21 | PZ 0.1 0.7 |
| | | iPcP | | 59 | 33 | MH 5 20 |
| | | iScP | 05 | 03 | 12 | Magnitude about 5 3/4 |
| | H | eP | 04 | 57 | 14 | |
| | | ePcP | | | 42 | |
| | T | iP | | 57 | 19 | c |
| | | i | | | 44 | |
| | | iPcP | | 59 | 43 | |
| | | iScP | 05 | 03 | 22 | |
| | | e | | 04 | 10 | |
| Oct. 21 | P | eP | 05 | 14 | 41 | Tu e? 05 15 11 |
| | | i | | | 43 | |
| | | iPP | | 17 | 16 | |
| | | e | | 18 | 11 | |
| | | eSE | | 25 | 54 | USCGS: 8 S 155 E |
| | PX | iPPSE | | 26 | 59 | O = 05:01.8 |
| | | eLN | | 39 | | A T |
| | MW | eP | | 14 | 43 | PZ 0.5 2 |
| | | iPP | | 17 | 17 | MH 20 20 |
| | R | iP | | 14 | 46 | Magnitude 6 1/2 |
| | | ePP | | 17 | 18 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----------|-------------------------------|
| Oct. 21 | Pr | iP | 05 | 14 | 46 | (continued) |
| | | ePP | | 17 | 15 | |
| | T | eP | | 14 | 46 | |
| Oct. 21 | P | eP | 07 | 08 | 18 | Tu iP 07 08 44 |
| | | e | | | 33 | e 09 06 |
| | | e | | | 43 | |
| | MW | eP | | | 17 | Near Apia, which reports |
| | | e | | | 31 | P 06 58 45 |
| | | e | | | 46 | |
| | Pr | eP | | | 21 | |
| | T | eP | | | 33 | |
| Oct. 21 | P | eP | 08 | 44 | 56 | |
| | PX | eL | 09 | 18 | | |
| | MW | eP | 08 | 44 | 57 | |
| | R | iP | | | 01 | |
| | Pr | iP | | | 02 | |
| | T | eP | | | 00 | |
| Oct. 21 | P | eP | 12 | 34 | 15 | Tu iP 12 34 52 |
| | MW | eP | | | 15 | |
| | Pr | eP | | | 24 | |
| | T | iP | | | 00 | |
| Oct. 21 | P | ePP | 14 | 42 | 12 | Tu eP 14 38 05 |
| | PX | eLNZ | 15 | 07 | 4 | ePP 42 05 |
| | MW | eP | 14 | 38 | 11 | Readings given as PP may be P |
| | | ePP | | | 42 11 | of second shock |
| | Pr | iP | | | 38 07 | |
| | | i | | | 39 22 | |
| | | ePP | | | 42 09 | |
| Oct. 21 | MW | iP | 14 | 52 | 36 | Tu iP 14 53 13 |
| | | e | | | 46 | e 21 |
| | T | iP | | | 20 | |
| | | e | | | 28 | |
| Oct. 21 | MW | iP | 15 | 24 | 57 | Tu iP 15 25 33 |
| | T | iP | | | 42 | |
| | | e | | | 51 | |
| Oct. 21 | T | iP | 17 | 44 | 54 | |
| | | i | | | 45 03 | |
| Oct. 21 | MW | eP | 18 | 01 | 56 | Tu iP 18 04 20 |
| | R | iP | | | 53 | |
| | Pr | iP | | | 55 | |
| | T | eP | | | 02 20 | |
| Oct. 21 | T | iP | 21 | 08 | 30 | |
| | | e | | | 37 | |
| Oct. 21 | T | iP | 21 | 18 | 01 | |
| | | e | | | 10 | |
| Oct. 21 | MW | iP | 22 | 00 | 11 | Tu iP 22 00 48 |
| | | i | | | 20 | i 57 |
| | R | eP | | | 15 | |
| | T | iP | 21 | 59 | 57 | |
| | | i | | | 22 00 05 | |
| Oct. 22 | MW | eP | 02 | 19 | 13 | |
| | T | iP | | | 18 59 | |
| | | i | | | 19 13 | |
| Oct. 22 | P | eP | 02 | 34 | 53 | Tu iP 02 35 30 |
| | R | eP | | | 57 | |
| | T | iP | | | 39 | |
| | | i | | | 47 | |
| Oct. 22 | T | iP | 04 | 04 | 39 | Tu eP 04 05 30 |
| | | i | | | 47 | |
| Oct. 22 | P | iP | 14 | 17 | 24 | Tu iP 14 18 01 |
| | MW | iP | | | 25 | |
| | | i | | | 31 | |
| | | i | | | 27 | |
| | R | iP | | | 35 | |
| | | i | | | | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|-------|------------------|
| Oct. 22 | Pr | iP | 14 | 17 | 33 | (continued) |
| | | i | | | 50 | |
| | LJ | iP | | | 35 | |
| | H | iP | | | 16 | |
| | | e | | | 25 | |
| | T | iP | | | 10 | |
| | | i | | | 18 | |
| Oct. 22 | P | iP | 15 | 31 | 56 | |
| | MW | iP | | | 56 | |
| | R | eP | | | 56 | |
| | Pr | eP | | | 58 | |
| Oct. 22 | P | eP | 16 | 29 | 15 | |
| | MW | iP | | | 17 | |
| | R | eP | | | 19 | |
| | Pr | eP | | | 20 | |
| Oct. 22 | P | eP | 19 | 07 | 16 | |
| | R | eP | | | 18 | |
| | | e | | | 33 | |
| | T | iP | | | 19 | |
| | | e | | | 34 | |
| Oct. 22 | P | iP | 21 | 02 | 46 | |
| | R | iP | | | 48 | |
| | | i | | | 03 04 | |
| | | e | | | 13 | |
| | Pr | iP | | | 02 50 | |
| | T | iP | | | 49 | |
| | | e | | | 04 04 | |
| Oct. 23 | P | iP | 04 | 34 | 20 | Tu iP 04 35 03 d |
| | | i | | | 36 | |
| | MW | iP | | | 21 | d |
| | | i | | | 37 | |
| | R | iP | | | 24 | |
| | | i | | | 40 | |
| | | e | | | 52 | |
| | Pr | iPNZ | | | 30 | d |
| | | i | | | 46 | |
| | | i | | | 58 | |
| | | eP | | | 33 | |
| | LJ | eP | | | 17 | |
| | SB | iP | | | 08 | |
| | H | iP | | | 23 | |
| | T | iP | | | 06 | d |
| | | i | | | 19 | |
| | | i | | | 22 | |
| | | i | | | 35 | |
| Oct. 23 | P | eP | 05 | 01 | 06 | Tu e 05 05 18 |
| | MW | eP | | | 05 | |
| | R | eP | | | 10 | |
| | H | iP | | | 00 42 | |
| | T | iP | | | 34 | |
| Oct. 23 | P | eP | 11 | 31 | 16 | |
| | MW | eP | | | 17 | |
| | R | eP | | | 19 | |
| | T | eP | | | 19 | |
| Oct. 23 | MW | iP | 11 | 49 | 36 | Tu iP 11 49 02 |
| | R | iP | | | 32 | e 27 |
| | T | iP | | | 48 | |
| Oct. 23 | P | iP | 15 | 55 | 39 | Tu iP 15 56 16 d |
| | | i | | | 47 | i 25 |
| | | i | | | 52 | |
| | | i | | | 40 | d |
| | MW | iP | | | 48 | |
| | | i | | | 59 | |
| | | i | | | | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-------------------|
| Oct. 23 | R | iP | 15 | 55 | 43 | d (continued) |
| | Pr | iPNZ | 55 | 48 | d | |
| | LJ | iP | | 49 | d | |
| | SB | eP | | 33 | | |
| | H | iP | | 41 | d | |
| | T | iPNEZ | | 39 | d | |
| | | | | 24 | d | |
| | | | | 33 | | |
| | | | | 46 | | |
| Oct. 23 | P | eP | 18 | 12 | 30 | |
| | MW | iP | | 37 | | |
| | | | | 31 | | |
| | | | | 40 | | |
| | R | iP | | 33 | | |
| | | | | 39 | | |
| Oct. 23 | Pr | eP | 21 | 12 | 34 | |
| | R | iP | | 37 | | |
| | | | | 47 | | |
| | Pr | iP | | 34 | | |
| | T | eP | | 42 | | |
| Oct. 24 | P | eP | 17 | 09 | 10 | Tu eP 17 09 33 |
| | MW | iP | | 11 | | 38 |
| | | | | 17 | | |
| | R | eP | | 13 | | |
| | | | | 20 | | |
| | Pr | iP | | 14 | | Southwest Pacific |
| | | | | 20 | | |
| | H | eP | | 16 | | |
| | T | iP | | 17 | | |
| Oct. 24 | MW | eP | 17 | 27 | 47 | Tu iP 17 28 10 |
| | R | iP | | 50 | | |
| | Pr | iP | | 50 | | |
| | T | eP | | 58 | | |
| Oct. 25 | T | eP | 04 | 34 | 32 | Tu eP 04 36 34 |
| Oct. 25 | P | eP | 08 | 54 | 02 | Tu eP 08 54 08 |
| | MW | iP | | 04 | | |
| | R | eP | | 03 | | |
| | Pr | iP | | 05 | | |
| | H | eP | | 53 | | |
| Oct. 25 | P | iP | 10 | 42 | 11 | Tu iP 10 44 37 |
| | MW | iP | | 12 | | |
| | R | eP | | 08 | | |
| | Pr | iP | | 05 | | |
| | T | eP | | 24 | | |
| Oct. 25 | MW | iP | 12 | 15 | 32 | Tu eP 12 16 09 |
| | T | eP | | 47 | | |
| Oct. 25 | MW | iP | 12 | 36 | 09 | Tu iP 12 36 47 |
| | T | eP | | 35 | | |
| Oct. 25 | P | iP | 12 | 39 | 41 | Tu iP 12 40 19 |
| | | | | 51 | | 29 |
| | MW | iP | | 41 | | |
| | | | | 40 | | |
| | R | eP | | 39 | | |
| | Pr | iP | | 44 | | |
| | LJ | eP | | 50 | | |
| | | | | 52 | | |
| | H | eP | | 40 | | |
| | T | iP | | 39 | | |
| | | | | 02 | | |
| | | | | 31 | | |
| | | | | 27 | | |
| | | | | 34 | | |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|--------------------------|
| Oct. 26 | P | eP | 08 | 23 | 54 | Tu iP 08 24 17 |
| | MW | eP | | 56 | | Near Apia, which reports |
| | R | iP | | 57 | | 08 13 48 |
| | Pr | iP | | 57 | | 14 05 |
| | LJ | eP | | 24 | 03 | |
| | H | eP | | 03 | | |
| Oct. 26 | MW | iP | 09 | 53 | 46 | Tu iP 09 54 24 |
| | T | eP | | 30 | | |
| Oct. 26 | MW | eP | 14 | 07 | 39 | Tu eP 14 06 51 |
| | Pr | iP | | 32 | | |
| | T | eP | | 08 | 00 | |
| Oct. 26 | P | iP | 20 | 05 | 06 | Tu iP 20 05 35 d |
| | | | | 18 | | 49 |
| | MW | eP | | 07 | | |
| | | | | 16 | | |
| | R | eP | | 08 | | |
| | Pr | eP | | 11 | | CMO: 31.6 N 131.9 E. |
| | SB | eP | | 01 | | |
| | H | iP | | 01 | | |
| | | | | 12 | | |
| | T | iP | | 04 | 58 | d |
| | | | | 05 | 07 | |
| Oct. 27 | P | iPNEZ | 18 | 46 | 40 | Tu iP 18 45 53 c |
| | | iNEZ | | 42 | | 55 |
| | | | | 55 | | 46 10 |
| | MW | iPNEZ | | 40 | | 21 |
| | | | | 51 | | 41 |
| | R | eP | | 36 | | c |
| | | | | 47 | | |
| | | | | 52 | | |
| | Pr | iP | | 47 | 45 | c |
| | | iNZ | | 46 | 33 | c |
| | | | | 34 | | |
| | | | | 45 | | USCGS: 17 N 61 W, |
| | LJ | eP | | 34 | | O = 18:37.3 |
| | | | | 47 | 41 | |
| | SB | eP | | 46 | 49 | |
| | H | iPNEZ | | 40 | | |
| | | | | 55 | | |
| | T | iPNEZ | | 44 | | c |
| | | | | 49 | | |
| | | | | 58 | | |
| Oct. 27 | P | eP | 23 | 17 | 00 | Tu eP 23 16 15 |
| | R | eP | | 01 | | 26 |
| | Pr | iP | | 16 | 55 | |
| Oct. 28 | P | iP | 00 | 43 | 17 | Tu eP 00 44 31 |
| | MW | eP | | 18 | | |
| | R | eP | | 24 | | |
| | Pr | eP | | 39 | | |
| | H | eP | | 06 | | |
| Oct. 28 | P | eP | 14 | 21 | 05 | Tu iP 14 22 27 |
| | MW | eP | | 03 | | |
| | R | eP | | 12 | | |
| | Pr | eP | | 12 | | |
| | H | eP | | 20 | 52 | |
| | T | eP | | 36 | | |
| Oct. 28 | P | ePNEZ | 14 | 33 | 02 | Tu iP 14 34 17 |
| | | | | 10 | | 25 |
| | MW | iP | | 02 | | |
| | | | | 12 | | |
| | R | iP | | 09 | | |
| | | | | 19 | | |
| | Pr | iP | | 22 | | |
| | | | | 33 | | |
| | H | eP | | 32 | 45 | |
| | T | iP | | 36 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|--------|--------|----|----------|--|--|
| Oct. 28 | P | eP | 20 | 57 | 25 | Tu iP 20 57 58 c ii 58 40 |
| | | ipP | | | 34 | |
| | | isPEZ! | | | 40 | |
| | PX | e | 58 | 05 | | Depth about 50 km. USCGS: 36 N 144 E, O = 20:45.4 BCIS: 36 1/2 N 144 E, O = 20:45:32, h = 100 km. CMO: 36.2 N 141.3 E |
| | | isE | 21 | 07 | 13 | |
| | | isSMEZ | | | 42 | |
| | MW | eLNE | 17 | 7 | | O = 20:45:32, h = 100 km. CMO: 36.2 N 141.3 E |
| | | ipP | 20 | 57 | 27 c | |
| | | ipP | | | 37 | |
| | R | isP | | | 41 | A T PZ 1/2 1 1/2 sPZ 2 3 sPH 1 1/2 3 SH 2 1/2 4 MH 1 2 20 |
| | | ipP | | | 28 c | |
| | | epP | | | 38 | |
| | Pr | isP | | | 40 | Magnitude about 6 3/4 |
| | | ipP | 57 | 33 | c | |
| | | isPNZ! | | | 41 | |
| LJ | i | 58 | 01 | | Magnitude about 6 3/4 | |
| | ipP | | | 15 | | |
| | isP | 57 | 36 | c | | |
| H | ipP | 57 | 21 | c | | |
| | isP | | | 31 | | |
| | ipP | | | 38 | | |
| T | ipP | | | 17 c | | |
| | ipP | | | 27 | | |
| | isP | | | 31 | | |
| Oct. 29 | P | eP | 03 | 18 | 30 | Tu eP 03 17 55 ipP 18 21 43 i 43 |
| | | ipP | | | 57 | |
| | | epP | | | 31 | |
| MW | ipP | | | 57 | USCGS: 19 S 71 W, O = 03:07.4 h = 100 km. | |
| | epP | | | 23 | | |
| | e | | | 42 | | |
| LJ | ipP | | | 49 | | |
| | e | | | 46 | | |
| | epP | | | 42 | | |
| T | ipP | | | 19 11 | | |
| | ipPNEZ | 10 | 12 | 34 c | | |
| | ipP | | | 36 c | | |
| Oct. 29 | P | ipPNZ! | | | 37 c | Southwest Pacific |
| | | ipP | | | 34 c | |
| | | ipP | | | 44 c | |
| Oct. 29 | P | ipPNEZ | 11 | 13 | 58 d | Tu iP 11 13 19 c i 14 14 iPcP 16 32 |
| | | ipPcP | | | 16 43 | |
| | | eLE | | | 22.4 | |
| MW | ipP | | | 14 00 d | Dilatations at P and MW preceded by small compressions USCGS: 5 N 101 W, O = 11:07.4 | |
| | ipPcP | | | 16 42 | | |
| | ipPNZ | | | 13 48 | | |
| LJ | e | | | 15 02 | | |
| | epP | | | 13 46 | | |
| | epP | | | 14 08 | | |
| H | ipP | | | 22 | | |
| | ipPcP | | | 16 50 | | |
| | epP | | | 14 52 06 | | |
| Oct. 29 | P | ipP | 14 | 52 | 06 | Tu iP 14 51 53 i 57 |
| | | ipP | | | 06 | |
| | | ipP | | | 11 | |
| MW | ipP | | | 00 | Probably west of Easter Island | |
| | ipP | | | 05 | | |
| | ipP | | | 27 | | |
| Oct. 30 | P | ipP | 05 | 01 | 29 c | Tu iP 05 02 00 c |
| | | ipP | | | 31 c | |
| | | ipP | | | 32 c | |
| MW | ipP | | | 37 c | | |
| | ipP | | | 27 | | |
| | ipP | | | 22 | | |

| Date | Sta. | Phase | h | m | s | Remarks | |
|--------|--------|--------|----|------------|---|---|--|
| Nov. 1 | P | e | 10 | 00 | 21 | Tu eP 09 59 16 i 44 is 10 01 07 | |
| | | PX | | | 02.9 | | |
| | | MW | | | 00 24 | | |
| | R | e | | | 10 | | |
| | | epP | | | 06 | | |
| | | i | | | 10 | | |
| | LJ | e | | | 02 55 | | |
| | | e | | | 00 08 | | |
| | | e | | | 53 | | |
| | Nov. 1 | P | eP | 11 | 47 | 20 | Tu iP 11 46 12 i 38 is 47 57 JSA: 28 N 109 W, O = 11:44:50 |
| | | | PX | | | 50 | |
| | | | MW | | | 47 21 | |
| | R | epP | | | 13 | | |
| | | ipPNZ | | | 03 | | |
| | | e | | | 49 41 | | |
| LJ | epP | | | 46 53 | | | |
| | e | | | 47 44 | | | |
| | epP | | | 51 | | | |
| Nov. 1 | P | epPNEZ | 12 | 15 | 36 | Tu iP 12 16 14 d i 25 eP'P' 45 13 i 30 | |
| | | i | | | 45 | | |
| | | eL | | | 31 | | |
| PX | epP'P' | | | 45 22 | | | |
| | i | | | 39 | | | |
| | ipP | | | 15 36 d | | | |
| MW | i | | | 49 | | | |
| | epP | | | 39 d | | | |
| | i | | | 51 | | | |
| R | ipPNZ | | | 45 | USCGS: 57 N 161 E, O = 12:05.8 CMO: 56 N 161 E BCIS: 57 N 163 E, O = 12:05:53 | | |
| | i | | | 54 | | | |
| | epP | | | 47 | | | |
| LJ | i | | | 58 | | | |
| | epP | | | 29 | | | |
| | epP | | | 27 d | | | |
| H | i | | | 39 | | | |
| | ipPNEZ | | | 21 d | | | |
| | i | | | 32 | | | |
| Nov. 1 | P | i | | | 37 | Tu iP 24 00 29 c i 43 iPcP 01 51 i 02 06 | |
| | | ipPEZ | 23 | 59 | 44 c | | |
| | | e | | | 57 | | |
| MW | ipP | | | 44 c | | | |
| | i | | | 54 | | | |
| | ipP | | | 59 | | | |
| R | i | | | 48 c | | | |
| | ipP | | | 24 00 00 | | | |
| | i | | | 02 | | | |
| LJ | ipPcP | | | 01 48 | Aleutian Islands? Depth 50 km? | | |
| | ipPNZ! | | | 23 59 55 c | | | |
| | i | | | 24 00 09 | | | |
| Pr | ipPcP | | | 01 39 | | | |
| | i | | | 02 03 | | | |
| | i(P) | | | 23 59 55 | | | |
| LJ | epP | | | 35 | | | |
| | e | | | 49 | | | |
| | ipP | | | 34 c | | | |
| H | i | | | 50 | | | |
| | i | | | 57 | | | |
| | ipP | | | 29 c | | | |
| Nov. 1 | P | ipPcP | 24 | 01 | 41 c | Tu iP 01 39 30 c | |
| | | ipPEZ | 01 | 38 | 43 c | | |
| | | ipP | | | 44 c | | |
| MW | ipP | | | 49 c | | | |
| | ipP! | | | 56 c | | | |
| | ipP | | | 56 | | | |
| LJ | ipP | | | 34 | | | |
| | ipP | | | 28 c | | | |
| | ipP | | | 28 c | | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|-------|-------------------|
| Nov. 2 | P | eP | 10 | 45 | 39 | Tu iP 10 46 17 d |
| | MW | iPP | | | 40 d | |
| | R | iPP | | | 45 | |
| | Pr | iPP | | | 51 | |
| Nov. 2 | P | eP | 14 | 53 | 05 d | Tu eP 14 52 19 |
| | MW | ipP | | | 23 | ipP 36 |
| | R | eP | | | 06 | |
| | | epP | | | 23 | |
| | R | eP | | | 00 | |
| | Pr | epP | | | 17 | |
| | | iP | 52 | 57 | | |
| | Pr | ipP | 53 | 15 | | |
| | T | eP | | | 09 | |
| | | epP | | | 27 | |
| Nov. 2 | P | eP | 16 | 48 | 59 | Tu iP 16 49 23 |
| | | iNEZ | | | 49 09 | i 39 |
| | | eSNE | | | 53 | iS 50 44 |
| | | iSNZ | | | 54 | |
| | MW | eP | 48 | 59 | | |
| | | i | 49 | 09 | | |
| | | eSNE | | | 51 | |
| | R | iP | 48 | 54 | | |
| | | i | 49 | 02 | | Near Boulder City |
| | | iSNZ | | | 39 | Magnitude 3.9 |
| | Pr | eP | 48 | 57 | | |
| | | i | 49 | 07 | | |
| | | iS | | | 40 | |
| | LJ | i | | | 18 | |
| | | iSN | 50 | 03 | | |
| | H | iPNEZ | 48 | 54 | | |
| | | iSNZ | 49 | 27 | | |
| | T | eP | 48 | 56 | | |
| | | iEZ | 49 | 01 | | |
| | | iS | | | 31 | |
| Nov. 2 | MW | eP | 21 | 38 | 18 | |
| | R | eP | | | 12 | |
| | Pr | iP | | | 07 | |
| Nov. 2 | P | eP | 22 | 29 | 35 | Tu eP 22 30 17 |
| | | epP | | | 30 09 | epP 52 |
| | MW | eP | 29 | 36 | | |
| | | ipP | 30 | 11 | | |
| | R | eP | 29 | 39 | | |
| | | epP | 30 | 14 | | |
| | Pr | ipP | 30 | 21 | | |
| | LJ | epP | | | 24 | |
| | T | iP | 29 | 15 | | |
| | | e | | | 44 | |
| Nov. 3 | P | iSNEZ | 02 | 34 | 59 | Tu eP 02 33 00 |
| | MW | eP | | | 33 48 | i 15 |
| | | i | 34 | 13 | | iS 34 02 |
| | | iS | | | 59 | |
| | R | iP | 33 | 35 | | Magnitude 4 3/4 |
| | | iS | 34 | 43 | | |
| | Pr | eP | 33 | 24 | | |
| | | i | | | 33 | |
| | | iSNZ | 34 | 21 | | |
| | LJ | eP | 33 | 26 | | |
| | | iSNZ | 34 | 18 | | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|-------|--|
| Nov. 3 | P | eP | 05 | 31 | 40 | Tu iP 05 32 04 d |
| | | iEZ | | | 49 | i 10 |
| | | i | | | 59 | i 14 |
| | | i | | | 33 22 | |
| | | iPP | | | 35 12 | |
| | PX | eSNE | | | 42 27 | |
| | | iN | | | 44 | |
| | | ePSEZ | | | 43 28 | USCGS: 20 $\frac{1}{2}$ S 169 $\frac{1}{2}$ E, |
| | | eSSE | | | 47 3 | O = 05:18.9 |
| | | eGNE | | | 54 5 | |
| | | eR | | | 58.7 | |
| | MW | eP | 31 | 42 | | A T |
| | | iNEZ | | | 50 | PZ 1 $\frac{1}{2}$ 3 |
| | | i | 32 | 00 | | PH 1 $\frac{1}{2}$ 4 |
| | R | iP | 31 | 43 | d | G 50 45 |
| | | i | | | 51 | MH 25 20 |
| | | iEZ! | | | 53 | |
| | Pr | iPNZ | | | 44 | d Magnitude 6.8 |
| | | iNZ! | | | 53 | |
| | | i | | | 32 03 | |
| | | i | | | 55 | |
| | | iPP | | | 35 18 | |
| | | i(S)N | | | 42 46 | |
| | LJ | eP | 31 | 42 | | |
| | | i | | | 51 | |
| | SB | eP | | | 46 | |
| | | e | | | 32 04 | |
| | H | eP | 31 | 47 | | |
| | | iNEZ | | | 57 | |
| | | i | | | 32 07 | |
| | T | eP | 31 | 47 | d | |
| | | i | | | 53 | |
| | | i | | | 32 04 | |
| Nov. 3 | MW | eP | 05 | 35 | 11 | Tu iP 05 35 31 |
| | R | iP | | | 11 | |
| | Pr | iP | | | 12 | Aftershock |
| | T | iP | | | 15 | |
| Nov. 3 | R | eP | 05 | 49 | 39 | Tu eP 05 50 05 |
| | | e | | | 44 | e 08 |
| | T | eP | | | 43 | |
| | | e | | | 48 | |
| Nov. 3 | R | eP | 07 | 08 | 16 | Tu eP 07 08 37 |
| | Pr | eP | | | 17 | |
| Nov. 3 | MW | eP | 07 | 30 | 57 | Tu eP 07 31 19 |
| | | e | | | 31 06 | |
| | R | eP | | | 30 59 | |
| | Pr | iP | | | 31 01 | |
| | T | eP | | | 02 | |
| Nov. 3 | T | iP | 08 | 26 | 43 | Tu iP 08 27 00 |
| Nov. 3 | MW | eP | 16 | 25 | 17 | Tu eP 16 25 24 |
| | R | iP | | | 18 | e 39 |
| | | e | | | 27 | |
| | | e | | | 33 | |
| | | iP | | | 11 | |
| Nov. 4 | Pr | iP | 04 | 44 | 52 | Tu iP 04 45 27 c |
| Nov. 4 | P | e | 04 | 51 | 44 | Tu e 04 52 32 |
| | MW | e | | | 42 | |
| | R | e | | | 47 | |
| | Pr | e | | | 54 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|-------|----|----|----|-------------------------|
| Nov. 4 | P | iP | 13 | 27 | 57 | d Tu iP 13 28 35 d |
| | | i | | 28 | 02 | i 13 29 39 |
| | MW | iP | | 27 | 58 | d i 29 06 13 |
| | | i | | 28 | 08 | i 13 29 13 |
| | Pr | iP | | | 08 | d Deep? |
| | | i | | | 25 | Probably Kurile Islands |
| | LJ | iP | | | 08 | |
| | | i | | | 32 | |
| | SB | eP | | 27 | 54 | |
| | | i | | 28 | 07 | |
| | T | iPNEZ | | 27 | 43 | |
| | | i | | | 50 | |
| Nov. 4 | P | iP | 17 | 20 | 59 | Tu iP 17 20 18 |
| | | e | | 21 | 01 | i 17 20 26 |
| | | e | | | 21 | i 17 20 32 |
| | | i | | | 47 | |
| | MW | iP | | 20 | 59 | |
| | | e | | 21 | 11 | |
| | Pr | eP | | 20 | 51 | |
| | | i | | | 54 | |
| Nov. 5 | P | eP | 08 | 45 | 17 | Tu iP 08 45 40 |
| | | e | | | 23 | i 08 45 47 |
| | MW | eP | | | 18 | |
| | R | iP | | | 18 | |
| | | i | | | 27 | |
| | Pr | iP | | | 20 | BCIS: 20½ S 169½ E, |
| | | i | | | 25 | O = 08:32.5 |
| | H | eP | | | 21 | |
| | | e | | | 26 | |
| | T | iP | | | 25 | |
| | | i | | | 31 | |
| Nov. 5 | P | iP | 17 | 20 | 05 | Tu iP 17 20 43 d |
| | | i | | | 13 | i 17 20 52 |
| | MW | iP | | | 06 | i 17 21 05 |
| | | i | | | 14 | |
| | | e | | | 24 | |
| | R | eP | | | 07 | |
| | | i | | | 17 | |
| | | e | | | 31 | |
| | H | eP | | 19 | 56 | |
| | | i | | | 51 | d |
| | T | iP | | | 59 | |
| Nov. 5 | P | iP | 19 | 22 | 37 | Tu iP 19 22 59 d |
| | MW | iP | | | 40 | d |
| | | iP | | | 40 | d |
| | Pr | iP | | | 40 | |
| | | iP | | | 44 | |
| | H | iP | | | 46 | |
| | T | iP | | | 46 | |
| Nov. 6 | P | iPEZ | 14 | 21 | 44 | Tu iP 14 22 07 |
| | | i | | | 51 | i 14 22 16 |
| | MW | iP | | | 45 | d |
| | R | iP | | | 46 | d |
| | | i | | | 51 | |
| | Pr | iPNZ | | | 48 | d BCIS: 20½ S 169½ E, |
| | | eP | | | 46 | O = 14:08.9 |
| | LJ | eP | | | 50 | d |
| | H | eP | | | 50 | d |
| | | e | | 22 | 01 | |
| | T | iP | | 21 | 51 | |
| | | i | | | 58 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|--------|----|----|----|-------------------------|
| Nov. 6 | P | iP | 23 | 58 | 34 | Tu iP 23 57 51 c |
| | | epP | | 24 | 00 | 33 ipP 23 59 49 |
| | | iSP | | | 01 | 26 e 24 01 20 |
| | MW | iP | | 23 | 58 | 32 c |
| | | ipP | | 24 | 00 | 35 |
| | | espP | | | 01 | 26 |
| | R | iP | | 23 | 58 | 28 c South America |
| | | ipP | | 24 | 00 | 32 c Depth near 600 km. |
| | | espP | | | 01 | 24 O = 23:49.0 |
| | Pr | iP | | 23 | 58 | 23 |
| | | ipP | | 24 | 00 | 23 |
| | | espP | | | 01 | 20 |
| | T | iP | | 23 | 58 | 43 c |
| | | ipP | | 24 | 00 | 49 |
| | | iSP | | | 01 | 34 |
| Nov. 8 | R | eP | 02 | 54 | 18 | Tu eP 02 54 40 |
| | Pr | eP | | | 19 | |
| Nov. 8 | P | iP | 04 | 46 | 25 | Tu iP 04 47 03 d |
| | | i | | | 31 | i 04 47 13 |
| | | i | | | 35 | i (pP) 04 47 33 |
| | MW | iP | | | 26 | d |
| | | i | | | 31 | |
| | | i (pP) | | | 35 | |
| | R | iP | | | 29 | d |
| | | i | | | 38 | |
| | | i | | | 47 | 02 |
| | Pr | iP | | 46 | 34 | Deep? |
| | | i | | | 43 | |
| | SB | eP | | | 18 | |
| | H | iP | | | 27 | d |
| | | i | | | 31 | |
| | | i | | | 43 | |
| Nov. 8 | P | iPNEZ | 18 | 02 | 41 | Tu iP 18 03 05 c |
| | MW | iP | | | 42 | c c 18 03 23 |
| | Pr | iPNZ! | | | 44 | c c 18 03 52 |
| | | i | | | 03 | 04 i 18 04 18 |
| | | i | | | 15 | |
| | LJ | iP | | 02 | 41 | c Apia reports: |
| | SB | eP | | | 37 | iP 17 53 54 |
| | H | iPNEZ! | | | 48 | c c iS 17 55 46 |
| | T | iPNEZ | | | 50 | c |
| Nov. 9 | P | eP | 06 | 39 | 48 | |
| | MW | iP | | | 49 | |
| | R | eP | | | 51 | |
| | Pr | iP | | | 51 | |
| Nov. 9 | P | eP | 20 | 39 | 50 | Tu iP 20 39 22 c |
| | | i | | | 40 | 00 i! 20 39 34 |
| | | i | | | 41 | 01 |
| | | iSE | | | 03 | |
| | MW | iP | | 39 | 54 | Gulf of California? |
| | | iNZ | | 40 | 00 | Magnitude 6 |
| | | iSE | | 41 | 02 | |
| | R | iP | | 39 | 46 | |
| | | iEZ | | | 52 | |
| | Pr | iSE | | 40 | 48 | |
| | | eP | | 39 | 28 | |
| | | iN | | | 36 | |
| | | i | | | 39 | |
| | LJ | iNZ | | 39 | 36 | |
| | | iSEZ | | 40 | 21 | |
| | T | iP | | 39 | 48 | |
| | | iSNE | | 42 | 37 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|------|-------------------------------------|
| Nov. 9 | P | eP | 20 | 49 | 32 | Tu iP 20 49 08 |
| | | iSNZ | | 50 | 45 | i! 19 |
| | MW | iP | | 49 | 44 | |
| | | iSEZ | | 50 | 47 | Aftershock |
| | R | eP | | 49 | 25 | Magnitude 5 1/2 |
| | | iEZ | | 50 | 35 | Numerous smaller aftershocks follow |
| | | iSEZ | | 50 | 31 | |
| | Pr | iPNZ | | 49 | 23 | |
| | LJ | eP | | 49 | 15 | |
| | | iEZ | | 50 | 20 | |
| | | iSE | | 50 | 01 | |
| | T | iP | | 52 | 39 | |
| | | eSE | | 52 | 22 | |
| Nov. 9 | P | e | 03 | 44 | 55 | Tu e 03 42 14 |
| | MW | e | | 55 | | BCIS: 3 N 125 E, i 36 |
| | | | | | | O = 03:22.8 e 43 40 |
| Nov. 10 | P | iP | 13 | 40 | 35 d | Tu iP 13 11 08 |
| | | i | | 43 | | i 16 |
| | | i | | 11 | 06 | i 36 |
| | | i | | 11 | 22 | i 46 |
| | | e | | 34 | | |
| | MW | iP | | 40 | 35 d | |
| | | i | | 44 | | |
| | | i | | 11 | 06 | |
| | | i | | 11 | 15 | |
| | R | iP | | 40 | 38 d | |
| | | i | | 46 | | Region of Japan |
| | | i | | 11 | 04 | CMO: 30.4 N 141.4 E, |
| | | i | | 17 | | h = 250 km. |
| | | i | | 41 | | |
| | Pr | iP | | 40 | 43 | |
| | | i | | 52 | | |
| | LJ | eP | | 37 | | |
| | SB | eP | | 29 | | |
| | | e | | 37 | | |
| | T | iP | | 28 | | |
| | | i | | 37 | | |
| | | i | | 58 | | |
| Nov. 11 | P | iP | 07 | 16 | 43 d | Tu iP 07 16 17 d |
| | | ipP | | 17 | 09 | ipP 42 |
| | | isP | | 20 | | isP 54 |
| | MW | iP | | 16 | 44 d | |
| | | ipP | | 17 | 10 | |
| | R | iP | | 16 | 40 d | |
| | | ipP | | 17 | 06 | Andes? |
| | | isP | | 23 | | Depth 100 km. |
| | Pr | iP | | 16 | 37 d | |
| | | ipP | | 17 | 03 | |
| | H | iP | | 16 | 51 d | |
| | | ipP | | 17 | 18 | |
| | T | iPNEZ | | 16 | 56 | |
| Nov. 11 | P | iP' | 07 | 51 | 48 | Tu iP' 07 51 34 |
| | | i | | 52 | 03 | i 46 |
| | | i | | 21 | | i 50 |
| | | e | | 55 | 26 | i 52 17 |
| | MW | iP' | | 51 | 49 | i 29 |
| | | i | | 52 | 01 | i 55 39 |
| | | i | | 05 | | |
| | | i | | 33 | | |
| | | e | | 55 | 27 | |
| | R | iP' | | 51 | 46 | |
| | | i | | 57 | | |
| | | i | | 52 | 01 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|-----------------------------------|
| Nov. 11 | Pr | eP' | 07 | 51 | 47 | (continued) |
| | | e | | | 56 | |
| | | i | | 52 | 01 | |
| | H | iP' | | 51 | 23 | Very distant |
| | | i | | | 36 | |
| | T | eP' | | | 59 | |
| | | i | | 52 | 14 | |
| | | i | | | 34 | |
| Nov. 11 | P | eP | 12 | 51 | 15 | Tu iP 12 50 23 c |
| | | epP | | | 32 | ipP 41 |
| | MW | eP | | | 16 | |
| | | epP | | | 33 | |
| | R | eP | | | 28 | |
| | Pr | iP | | | 05 | d |
| | | ipP | | | 20 | |
| | | i | | | 31 | |
| | | iP | | | 33 | |
| | | ipP | | | 48 | |
| Nov. 11 | P | eP | 20 | 33 | 33 | Tu eP 20 34 17 |
| | MW | eP | | | 28 | |
| | R | eP | | | 40 | |
| | Pr | eP | | | 48 | |
| | H | e | | | 30 | |
| Nov. 11 | MW | eP | 04 | 54 | 26 | Tu iP 04 53 36 |
| | R | eP | | | 22 | |
| | Pr | eP | | | 16 | |
| Nov. 12 | P | iP | 17 | 45 | 32 | Tu iP 17 45 57 |
| | PX | e(s)E | 18 | 06 | 55 | i 46 07 |
| | | eLEZ | | 09 | | i 17 |
| | MW | iP | 17 | 45 | 33 | |
| | | e | | | 52 | |
| | | e | | 46 | 46 | |
| | R | iP | | 45 | 34 | BCIS: 22 S 174 W, |
| | | i | | | 46 | O = 17:33.6 |
| | | e | | | 54 | |
| | Pr | iP | | | 37 | |
| | | e | | | 41 | |
| | H | eP | | | 41 | |
| | T | iP | | | 44 | |
| | | i | | | 55 | |
| Nov. 12 | MW | iP | 22 | 13 | 41 | Tu iP 22 14 05 |
| | Pr | iP | | | 43 | |
| Nov. 13 | P | ePEZ | 07 | 12 | 17 | Tu iP 07 12 39 |
| | | eSNE | | 21 | 55 | i 13 35 |
| | | eLZ | | 36 | | |
| | MW | iP | | 12 | 16 | BCIS: 18 S 175 W, |
| | R | iP | | | 16 | O = 07:00.4 |
| | Pr | eP | | | 12 | JSA: 19.6 S 175.1 W, |
| | SB | eP | | | 11 | O = 07:00:30 |
| | H | eP | | | 22 | |
| | T | iP | | | 27 | |
| Nov. 13 | MW | iP | 18 | 57 | 23 | Tu iP 18 56 30 |
| | R | iP | | | 18 | |
| | Pr | iP | | | 11 | |
| | | ipP | | | 41 | c |
| Nov. 13 | P | eP | 23 | 00 | 21 | Tu iP 23 00 45 d |
| | | i | | | 25 | i 01 02 |
| | | i | | 40 | 10 | |
| | PX | iSE | | 00 | 22 | Irregular surface waves at Pasade |
| | MW | iP | | | 26 | Apia reports: |
| | | i | | | 23 | P 22 50 14 |
| | R | eP | | | 23 | S 51 22 |
| | Pr | eP | | | 24 | |
| | | i | | | 30 | |
| | | i | | | 42 | |
| | H | i | | | 30 | |
| | T | iP | | | 30 | |
| | | i | | | 35 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|------------------|
| Nov. 14 | P | eP | 02 | 50 | 46 | Tu eP 02 51 09 |
| | MW | eP | | | 46 | e 18 |
| | R | i | | | 58 | i 20 |
| | Pr | eP | | | 49 | |
| | H | i | | | 59 | |
| | T | eP | | | 59 | |
| | | eP? | | 51 | 05 | |
| | | eP? | | 50 | 48 | |
| Nov. 14 | MW | eP | 04 | 26 | 05 | Tu eP 04 26 46 |
| | Pr | eP? | | | 04 | e 55 |
| | H | e | | | 09 | |
| | T | e | | | 25 | |
| Nov. 14 | P | e(P) | 06 | 27 | 22 | Tu iP 06 27 56 d |
| | MW | iP | | | 37 | iP 28 09 d |
| | R | iP | | | 39 | |
| | Pr | iP | | | 54 | |
| | SB | iP | | | 22 | |
| | H | ipP | | | 36 | |
| | T | e | | | 28 | |
| | | iP | | | 27 | |
| | | ipP | | | 39 | |
| | | e | | | 51 | |
| | | iP | | | 30 | |
| | | i | | | 42 | |
| | | eP | | | 16 | |
| | | epP | | | 29 | |
| | | iP | | | 48 | |
| | | ipP | | | 31 | |
| | | e | | | 54 | |
| | | iP | | | 13 | |
| Nov. 14 | MW | iP | 10 | 37 | 43 | Tu iP 10 38 15 |
| | R | iP | | | 46 | |
| | Pr | iP | | | 50 | |
| Nov. 14 | P | iP | 14 | 01 | 49 | Tu iP 14 02 11 |
| | | i | | | 55 | i 22 |
| | | i | | | 02 | i 34 |
| | MW | iP | | | 01 | |
| | | e | | | 56 | |
| | | i | | | 02 | |
| | R | eP | | | 01 | |
| | | e | | | 57 | |
| | | e | | | 02 | |
| | Pr | eP | | | 01 | |
| | | i | | | 57 | |
| | | e | | | 02 | |
| | H | eP | | | 01 | |
| | | e | | | 02 | |
| | T | eP | | | 01 | |
| | | e | | | 02 | |
| | | i | | | 12 | |
| Nov. 14 | P | eP | 17 | 51 | 35 | Tu iP 17 51 05 |
| | MW | e | | | 54 | i 24 |
| | | iP | | | 35 | i 31 |
| | | e | | | 55 | |
| | R | iP | | | 31 | |
| | | e | | | 50 | |
| | Pr | iP | | | 27 | |
| | | e | | | 28 | |
| | | e | | | 40 | |
| | | e | | | 52 | |
| | H | eP | | | 43 | |
| | T | iP | | | 47 | |

CMO: 36.9 N 141.6 E
 BCIS: 42 N 142 E,
 O = 06:15:
 JSA: 39.0 N 141.8 E,
 O = 06:15:40

Addendum:
 T iP 06 27 28

Apia reports:
 P 13 54 00

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|------------------|
| Nov. 14 | P | iP | 20 | 47 | 47 | Tu iP 20 48 08 |
| | R | iP | | | 49 | |
| | Pr | iP | | | 50 | |
| Nov. 15 | P | iP | 05 | 01 | 17 | Tu iP 05 01 48 c |
| | | e | | | 25 | i 05 27 |
| | | epP | | | 02 | |
| | MW | iP | | | 01 | |
| | | epP | | | 02 | |
| | R | iP | | | 01 | |
| | Pr | iP | | | 23 | |
| | | epP | | | 03 | |
| | SB | eP | | | 01 | |
| | H | eP | | | 13 | |
| | T | iP | | | 15 | |
| | | i | | | 33 | |
| | | epP | | | 02 | |
| Nov. 15 | P | iP | 10 | 35 | 59 | Tu iP 10 36 45 c |
| | MW | iP | | | 59 | i 37 09 c |
| | | e | | | 36 | |
| | | e | | | 44 | |
| | R | eP | | | 04 | |
| | Pr | iPNZ | | | 11 | |
| | | e | | | 34 | |
| | | e | | | 41 | |
| | | e | | | 37 | |
| | | iP | | | 35 | |
| | H | iP | | | 44 | |
| | T | iP | | | 44 | |
| | | i | | | 36 | |
| | | iP | | | 09 | |
| Nov. 15 | MW | iP | 10 | 44 | 55 | Tu eP 10 44 22 |
| Nov. 15 | MW | eP | 13 | 26 | 19 | Tu iP 13 26 41 |
| | R | iP | | | 20 | |
| | Pr | iP | | | 21 | |
| Nov. 16 | P | iP | 04 | 31 | 54 | Tu iP 04 32 32 |
| | | e | | | 32 | i 47 |
| | | e | | | 16 | e 57 |
| | MW | iP | | | 31 | |
| | | i | | | 32 | |
| | | e | | | 19 | |
| | R | eP | | | 01 | |
| | | e | | | 11 | |
| | Pr | iP | | | 03 | |
| | | e | | | 15 | |
| | H | eP | | | 31 | |
| | T | iP | | | 39 | |
| | | e | | | 32 | |
| Nov. 16 | P | eP | 22 | 01 | 33 | Tu iP 22 01 56 |
| | MW | iP | | | 34 | i 02 05 |
| | | i | | | 42 | i 27 |
| | | e | | | 02 | e 11 |
| | | e | | | 01 | e 36 |
| | | eP | | | 04 | |
| | | i | | | 44 | |
| | Pr | iP | | | 02 | |
| | | e | | | 04 | |
| | | i | | | 40 | |
| | | e | | | 02 | |
| | | ep? | | | 07 | |
| | | i | | | 31 | |
| | | i | | | 42 | |
| Nov. 17 | P | eP | 01 | 15 | 29 | Tu iP 01 16 41 |
| | MW | eP | | | 30 | |
| | R | e | | | 33 | |
| | Pr | i | | | 47 | |

CMO: 29.8 N 139.0 E,
 h = 370 km.

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|------------------|
| Nov. 17 | MW | e | 01 | 26 | 53 | Tu eP 01 25 17 |
| | R | e | | 27 | 06 | e 26 23 |
| Nov. 17 | R | eP | 17 | 56 | 47 | Tu iP 15 57 06 |
| | Pr | iP | | 44 | | i 09 |
| | H | eP | | 49 | | |
| Nov. 18 | P | iP | 13 | 14 | 57 | Tu iP 13 14 34 |
| | MW | iP | | 57 | d | |
| | R | iP | | 00 | | |
| | Pr | iP | | 07 | | |
| | LJ | eP | | 07 | | |
| | H | iP | | 14 | 48 | |
| | T | iP | | 42 | | |
| Nov. 18 | P | iP | 13 | 33 | 50 | Tu iP 13 33 10 |
| | | i | | 34 | 19 | i 55 |
| | MW | iP | | 33 | 51 | i 35 08 |
| | | i | | 34 | 20 | |
| | R | iP | | 33 | 46 | d |
| | | i | | 34 | 17 | |
| | Pr | iP | | 33 | 41 | |
| | | i | | 34 | 14 | |
| | H | iP | | 33 | 57 | |
| | | i | | 34 | 24 | |
| Nov. 19 | T | iP | | 02 | | |
| | P | iPNEZ | 01 | 11 | 52 | Tu iP 01 10 58 c |
| | PX | epP | | 12 | 11 | i 11 15 |
| | | iSP | | 26 | | i 43 |
| | | iPP | | 13 | 27 | i 12 04 |
| | | i | | 39 | | i 33 |
| | | iPcP! | | 14 | 00 | i 13 02 |
| | | iSNE | | 18 | 02 | i 26 |
| | | eLNE | | 22 | 5 | |
| | MW | iPNEZ | | 11 | 52 | c |
| | | i | | 13 | 03 | |
| | | iPP | | 11 | 27 | |
| | R | iPNEZ | | 11 | 46 | c |
| | | i | | 13 | 33 | |
| | | iPcP | | 14 | 13 | Depth 80 km. |
| | | i | | 11 | 41 | USCGS: 9 N 84 W, |
| | Pr | iPNZ! | | 11 | 41 | O = 01:04:35, |
| | | iN | | 56 | | R = 100 km. |
| | | i | | 59 | | |
| | | i! | | 12 | 15 | |
| | | iNZ | | 32 | | A T |
| | | i | | 49 | | PZ 6 3 |
| | | i | | 56 | | PH 6 4 |
| | | i | | 13 | 36 | SH 10 16 |
| | | iSN | | 17 | 41 | MH 40 40 |
| | | ePNEZ | | 11 | 40 | MH 40 23 |
| | LJ | i | | 12 | 05 | Magnitude 7.0 |
| | | i | | 12 | 20 | |
| | | i | | 54 | | |
| | | iPP | | 13 | 18 | |
| | | i | | 35 | | |
| | SB | iPNEZ | | 12 | 03 | c |
| | | i | | 40 | | |
| | | e | | 14 | 38 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|---------------------------|
| Nov. 19 | H | ePNEZ | 01 | 11 | 59 | c (continued) |
| | | e | | 13 | 15 | |
| | | e | | 39 | | |
| | T | iPNEZ | | 12 | 05 | c |
| | | i | | 28 | | |
| | | i | | 36 | | |
| | | i | | 56 | | |
| | | ePP | | 13 | 39 | |
| | | iPcP | | 14 | 02 | |
| | | i | | 23 | | |
| Nov. 19 | P | iP | 21 | 37 | 54 | Tu iP 21 38 18 d |
| | MW | iP | | 55 | | Near Apia, which reports: |
| | R | iP | | 57 | | P 21 28 06 |
| | Pr | iPNZ | | 57 | | S 55 |
| | LJ | eP | | 54 | | |
| | H | eP | | 38 | 02 | |
| | T | eP | | 02 | | |
| Nov. 20 | P | iP | 04 | 14 | 13 | Tu iP 04 13 32 |
| | MW | iP | | 12 | | iPP 15 40 |
| | R | iP | | 09 | | e 17 21 |
| | | epP | | 16 | 11 | |
| | Pr | iP | | 14 | 02 | |
| | | iPP | | 16 | 04 | |
| | | i | | 17 | 00 | Depth 650 km. |
| | H | iP | | 14 | 21 | South America |
| | | iPP | | 16 | 11 | (Western Brazil?) |
| | T | iP | | 14 | 25 | |
| | | iPP | | 16 | 30 | |
| | | i | | 17 | 15 | |
| Nov. 20 | P | iP | 07 | 04 | 14 | Tu iP 07 04 38 c |
| | MW | iP | | 15 | | e(pP) 06 52 |
| | R | iP | | 17 | | |
| | | e(pP) | | 06 | 29 | Tonga region; |
| | Pr | iP | | 04 | 17 | depth 600 km? |
| | | i(pP) | | 06 | 37 | Apia reports: |
| | H | iP | | 04 | 21 | iS 06 55 23 |
| | T | iP | | 22 | | |
| | | i | | 38 | | |
| Nov. 20 | P | iP | 08 | 26 | 01 | Tu iP 08 25 04 d |
| | | i | | 16 | | |
| | | iLNZ | | 31 | 1 | |
| | MW | eP | | 26 | 00 | |
| | | i | | 03 | | |
| | | i | | 15 | | JSA: 18 N 106 W, |
| | | e | | 50 | | O = 08:21:32 |
| | R | iP | | 25 | 56 | |
| | | i | | 26 | 07 | |
| | Pr | iPNZ | | 25 | 47 | |
| | | i | | 54 | | |
| | | i | | 26 | 17 | |
| | H | iP | | 26 | 17 | |
| | T | iPNEZ | | 26 | 26 | |
| Nov. 20 | P | iP | 10 | 20 | 42 | Tu iP 10 21 18 d |
| | | e | | 21 | 15 | i 27 |
| | | iP | | 20 | 42 | d i 37 |
| | MW | e | | 21 | 15 | i 51 |
| | | e | | 34 | | e 22 08 |
| | | i | | 22 | 10 | |
| | R | iP | | 20 | 44 | d |
| | | e | | 21 | 16 | |
| | Pr | iP | | 20 | 51 | |
| | | i | | 21 | 30 | (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|------|-----------------------------------|
| Nov. 20 | H | eP | 10 | 20 | 35 | (continued) |
| | | e | | 21 | 08 | Kurile Islands. |
| | T | iP | | 20 | 30 | Depth 130 km? |
| | | i | | | 37 | |
| | | i | | 21 | 02 | |
| Nov. 20 | MW | iP | 22 | 29 | 43 | Tu eP 22 29 08 |
| | R | iP | | | 41 | |
| Nov. 21 | P | iP | 04 | 28 | 15 | Tu iP 04 27 39 d |
| | MW | iP | | | 15 | e 28 07 |
| | R | iP | | | 11 | d |
| | | i | | | 40 | d |
| Nov. 21 | P | iPNEZ! | 19 | 22 | 49 | Tu eP 19 23 15 |
| | | i | | | 15 | i 17 |
| | | ipP! | | | 32 | ipP 24 04 |
| | | i | | | 54 | ipPKP 40 44 |
| | | e | | | 15 | eP'P' 48 50 |
| | PX | i(S)E | | | 32 | |
| | | eSP | | | 33 | Depth 180 km. |
| | | esSN | | | 34.2 | JSA: 13.1 S 166.4 E, |
| | | iSPPE | | | 34 | O = 19:10:34, h = 200 km. |
| | | e | | | 35 | |
| | | iE | | | 12 | BCIS: 14 S 167 E, |
| | | eLN | | | 45.4 | O = 19:10:31, h = 200 km. |
| | MW | iP | | | 22 | |
| | | i | | | 23 | A T |
| | | ipP | | | 34 | PZ 2 2 |
| | | i | | | 24 | PZ 6 7 |
| | | e | | | 27 | pPZ 3 5 |
| | R | iP | | | 22 | SH 1 1/2 6 |
| | | i | | | 52 | SPPH 2 6 |
| | | ipP | | | 23 | |
| | Pr | iPNZ | | | 22 | |
| | | i | | | 58 | |
| | | i | | | 23 | Surface waves small and irregular |
| | | ipP! | | | 38 | Magnitude 7.0 |
| | | i | | | 24 | |
| | | i | | | 25 | |
| | | e | | | 26 | |
| | LJ | eP | | | 22 | |
| | | ipP | | | 23 | |
| | | i | | | 53 | |
| | SB | eP | | | 22 | |
| | | ipP | | | 23 | |
| | T | iPEZ | | | 22 | |
| | | i | | | 23 | |
| | | ipP | | | 42 | |
| ov. 22 | MW | iP | 02 | 42 | 13 | Tu iP 02 42 51 |
| ov. 22 | P | iP | 09 | 15 | 27 | Tu iP 09 16 13 |
| | | i | | | 38 | i 22 |
| | | eLN | | | 26.3 | i 29 |
| | PX | iP | | | 15 | |
| | MW | iP | | | 36 | USCGS: 51 N 180 |
| | Pr | iPNZ | | | 56 | O = 09:06.8 |
| | | i | | | 39 | |
| | LJ | iP | | | 19 | |
| | SB | eP | | | 22 | |
| | H | iP | | | 14 | |
| ov. 22 | T | iP | 12 | 11 | 04 | Tu iP 12 11 45 |
| | MW | iP | | | 11 | |
| | Pr | e | | | 17 | |
| | | i | | | 30 | |
| | T | eP | | | 10 | |
| | | | | | 47 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|----------------------|
| Nov. 22 | Pr | iP | 20 | 57 | 42 | Tu iP 20 57 00 |
| | | i | | | 13 | |
| Nov. 22 | P | iP | 23 | 43 | 19 | Tu iP 23 43 30 c |
| | MW | iP | | | 20 | i 40 |
| | | i | | | 29 | i 48 |
| | R | iP | | | 20 | |
| | | i | | | 29 | |
| | Pr | iP | | | 25 | |
| | | i | | | 33 | |
| | | i | | | 45 | BCIS: 82 1/2 N 20 E, |
| | | eP | | | 08 | O = 23:33.0 |
| | H | eP | | | 18 | A T |
| | | e | | | 02 | PZ O.3 2 |
| | T | iP | | | 11 | |
| | | i | | | 41 | |
| Nov. 23 | R | e | 00 | 41 | 41 | Tu i 00 40 48 |
| | | e | | | 44 | i 41 07 |
| | | i | | | 54 | i 18 |
| | | i | | | 42 | |
| | | i | | | 41 | |
| | Pr | iP | | | 06 | |
| Nov. 24 | P | iP | 06 | 45 | 23 | Tu iP 06 44 47 d |
| | | e | | | 47 | e 45 40 |
| | | i | | | 46 | |
| | | i | | | 19 | Deep? |
| | | iP | | | 24 | South America? |
| | MW | e | | | 46 | |
| | | iP | | | 45 | |
| | R | i | | | 39 | |
| | | i | | | 46 | |
| | | i | | | 46 | |
| | Pr | iPNZ | | | 45 | |
| | | i | | | 52 | |
| | LJ | e | | | 21 | |
| | H | iP | | | 30 | |
| | T | iPNEZ | | | 36 | |
| Nov. 25 | P | iPEZ | 14 | 57 | 45 | Tu iP 14 58 11 |
| | | ipPEZ | | | 58 | ipP 59 22 |
| | | e | | | 15 | |
| | | iP | | | 14 | |
| | MW | ipP | | | 58 | |
| | | e | | | 15 | |
| | | iP | | | 14 | |
| | R | iP | | | 57 | |
| | | ipP | | | 58 | |
| | Pr | iPNZ | | | 57 | |
| | | ipP | | | 58 | |
| | LJ | iP | | | 57 | |
| | | ipP | | | 58 | |
| | H | iP | | | 57 | |
| | | ipP | | | 59 | |
| | T | iPNEZ | | | 57 | |
| | | ipP | | | 59 | |
| | | iP | | | 03 | |
| Nov. 26 | P | iP | 03 | 32 | 22 | Tu iP 03 32 47 |
| | MW | iP | | | 23 | |
| | R | iP | | | 25 | |
| | Pr | iP | | | 25 | |
| | T | iP? | | | 31 | |
| Nov. 26 | Pr | iP | 04 | 44 | 33 | Tu iP 04 44 52 |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|----------------------|
| Nov. 26 | P | iP | 05 | 50 | 12 | Tu i 05 50 50 |
| | | iPP | | | 30 | |
| | | i | | | 34 | |
| | PX | e | 53 | 01 | | iPKKPO6 06 44 |
| | | iPP | 54 | 10 | | e 09 33 |
| | | i | | | 26 | e 14 18 |
| | | iSKSNE | 06 | 00 | 42 | |
| | | eSNE | | 01 | 43 | |
| | | ePSNE | | 02 | 46 | Depth 70 km. |
| | | eSSNE | | 08 | 1 | USCGS: 5 S 145 E, |
| | | eLN | | 19 | 2 | O = 05:36.5 |
| | | iLEZ | | 21 | 4 | |
| | | eW2EZ | 07 | 49 | 9 | JSA: 5.0 S 145.8 E, |
| | MW | iP | 05 | 50 | 13 | O = 05:36:36 |
| | | iPP | | | 32 | |
| | | i | | | 36 | |
| | | i | | | 54 | 04 |
| | | ePP | | | 54 | 14 |
| | R | iP | 05 | 50 | 15 | c PZ 0.3 T 1 1/2 |
| | | iPP | | | 33 | pPZ 3/4 4 |
| | | ePP | | | 53 | 55 SKSH 4 7 |
| | | i | | | 54 | 07 MH 20 20 |
| | | iPKKP | 06 | 07 | 09 | |
| | | iP | | | 15 | 02 Magnitude 7.0 |
| | Pr | iP | 05 | 50 | 18 | |
| | | i | | | 28 | |
| | | iPP | | | 35 | |
| | | ePP | | | 54 | 33 |
| | | iPKKP | 06 | 07 | 08 | |
| | | e | | | 22 | |
| | LJ | eP | 05 | 50 | 24 | |
| | T | iP | | | 41 | |
| | | iPP | | | 32 | |
| | | ePP | | | 53 | 59 |
| Nov. 27 | P | iPNZ | 06 | 24 | 06 | d Tu iP 06 23 30 d |
| | | i | | | 34 | |
| | | i | | | 45 | |
| | MW | iP | | | 07 | d |
| | | iPP | | | 35 | |
| | R | iPEZ! | | | 02 | d |
| | | iPP! | | | 30 | |
| | | i | | | 43 | |
| | Pr | iP | | | 23 | 58 Andes? |
| | | i | | | 24 | 38 Depth 110 km. |
| | | iP | | | 24 | 14 |
| | H | iP | | | 18 | |
| | T | iPP | | | 47 | |
| Nov. 27 | P | iP | 06 | 42 | 40 | c Tu iP 06 42 18 |
| | | i | | | 52 | |
| | Pr | iP | | | 32 | |
| | | i | | | 46 | |
| | | i | | | 43 | 03 Southeast Pacific |
| | | i | | | 20 | 59 56 |
| Nov. 27 | Pr | i | | | 21 | 00 27 |
| Nov. 28 | P | eP | 01 | 55 | 49 | |
| | | i | | | 54 | |
| | MW | eP | | | 49 | |
| | | i | | | 56 | |
| | R | eP | | | 56 | |
| | Pr | iP | | | 56 | 02 |
| | T | eP | | | 55 | 25 |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|-----------------------------|
| Nov. 28 | P | eP | 12 | 26 | 48 | |
| | MW | iP | | | 50 | |
| | R | eP? | | | 58 | |
| | T | iP | | | 58 | |
| Nov. 28 | MW | i(P) | 16 | 44 | 37 | |
| Nov. 28 | P | e | 22 | 02 | 21 | Tu e 22 03 19 |
| | MW | e | | | 26 | BCIS: 27 N 94 E, |
| | H | e | | | 40 | O = 21:43.1 |
| Nov. 28 | P | iPNEZ | 23 | 56 | 39 | d Tu iP 23 57 03 d |
| | | iPP | | | 51 | |
| | | i | | | 57 | 08 |
| | MW | iP | | | 56 | 39 d |
| | | iPP | | | 52 | |
| | R | iP | | | 41 | d |
| | | iPP | | | 55 | |
| | Pr | iP | | | 42 | d Depth 40 km. |
| | | i | | | 51 | d Near Apia, which reports: |
| | | iPP | | | 55 | iP 23 45 57 |
| | | eP | | | 34 | d iS 46 21 |
| | H | iP | | | 46 | d |
| | T | iP | | | 49 | d |
| Nov. 29 | P | iP | 02 | 15 | 53 | Tu iP 02 16 15 c |
| | MW | iP | | | 54 | |
| | R | iP | | | 56 | c |
| | Pr | iP | | | 55 | |
| | H | iP | | | 16 | 00 |
| | T | iP | | | 02 | c |
| Nov. 30 | P | iPNEZ | 08 | 40 | 27 | d Tu iP 08 39 55 d |
| | | e | | | 41 | 44 |
| | | i(P)EZ | | | 42 | 28 |
| | PX | iSNEZ | | | 49 | 48 |
| | MW | iP | | | 40 | 27 d |
| | | e | | | 41 | 52 |
| | | i(P) | | | 42 | 29 |
| | | iSN | | | 49 | 46 |
| | R | iP | | | 40 | 23 d |
| | | e | | | 41 | 46 |
| | | i(P) | | | 42 | 25 |
| | | eSN | | | 49 | 41 |
| | Pr | iPNZ | | | 40 | 20 |
| | | i(P)NZ | | | 42 | 21 |
| | | iSN | | | 49 | 37 |
| | LJ | eP | | | 40 | 20 |
| | | e(P) | | | 42 | 21 |
| | | eSN | | | 49 | 34 |
| | SB | eP | | | 33 | 22 |
| | H | iP | | | 34 | 22 |
| | T | iP | | | 37 | 22 |
| | | e | | | 41 | 52 |
| | | i(P) | | | 42 | 40 |
| Dec. 2 | P | eP | 04 | 38 | 33 | Tu eP 04 39 13 |
| | | i | | | 35 | 20 |
| | | i | | | 45 | 11 |
| | | i | | | 50 | 11 |
| | MW | eP | | | 32 | 11 |
| | | i | | | 35 | 20 |
| | | i | | | 47 | 10 |
| | | i | | | 39 | 10 |
| | R | eP | | | 38 | 36 |
| | | i | | | 39 | 20 |
| | | i | | | 49 | 20 |

(continued)

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|--------|----|----|-------|-----------------------------------|
| Dec. 2 | Pr | eP | 04 | 38 | 43 | (continued) |
| | H | i | | | 46 | |
| | T | eP | | | 20 | |
| | | eP | | | 13 | |
| | | i | | | 15 | |
| | | i | | | 32 | |
| Dec. 2 | MW | eP | 18 | 38 | 02 | Tu eP 18 37 25 |
| | | i | | | 06 | e 38 13 |
| | | i | | | 39 | |
| | R | eP | | | 37 58 | |
| | | i | | | 38 06 | |
| | | i | | | 33 | |
| | Pr | eP | | | 37 48 | |
| | T | e | | | 38 50 | |
| Dec. 3 | Pr | iP | 06 | 54 | 22 | Tu eP 06 54 41 |
| Dec. 4 | P | iPNEZ! | 00 | 26 | 38 | Tu iP! 00 25 32 |
| | | i | | | 27 58 | |
| | | i | | | 28 40 | Numerous small after shocks. |
| | | iGNE | | | 50 | USCGS: 21 1/2 N 106 1/2 W, |
| | MW | iPNEZ | 26 | 38 | c | O = 00:22.8 |
| | R | iPNEZ | | | c | Pasadena: 22 N 106 1/2 W, |
| | | i | | | 29 30 | O = 00:22:48 |
| | Pr | iPNZ! | 26 | 22 | c | Magnitude 6.9 |
| | LJ | iPNEZ | | | 20 | A T |
| | SB | iPNEZ | | | 52 | PH 15 3 |
| | H | iPNEZ | | | 57 | PH 50 8 |
| | T | iPNEZ | | | 27 08 | PZ 70 8 |
| | | i | | | 32 52 | MH 300 40 |
| | | | | | | MH 800 12 |
| Dec. 4 | R | iP | 00 | 32 | 01 | Short periods; part of preceding? |
| | T | iP | | | 33 | |
| Dec. 4 | R | iP | 02 | 42 | 16 | Tu eP 02 41 14 |
| Dec. 4 | P | iP | 02 | 47 | 21 | Tu iP 02 46 17 |
| | MW | iP | | | 21 | |
| | R | eP | | | 14 | |
| | Pr | iP | | | 05 | |
| | LJ | eP | | | 09 | Aftershock |
| | SB | eP | | | 36 | |
| | H | eP | | | 39 | |
| | T | iP | | | 51 | |
| Dec. 4 | P | iP | 02 | 53 | 13 | |
| | MW | iP | | | 11 | Aftershock |
| | R | iP | | | 07 | |
| | Pr | iP | | | 52 53 | |
| | H | eP | | | 53 28 | |
| | T | iP | | | 38 | |
| Dec. 4 | P | iP | 03 | 56 | 36 | Tu eP 03 55 30 |
| | MW | iP | | | 39 | |
| | R | eP | | | 28 | Aftershock |
| | Pr | iP | | | 20 | |
| | H | eP | | | 51 | |
| | T | eP | | | 57 05 | |
| Dec. 4 | R | iP | 07 | 57 | 11 | Tu iP 07 55 08 |
| | P | iP | | | 41 | Aftershock |
| Dec. 4 | P | iP | 16 | 01 | 12 | Tu iP 16 00 04 |
| | MW | iP | | | 09 | |
| | R | eP | | | 03 | |
| | Pr | iP | | | 00 52 | Aftershock |
| | H | iP | | | 01 28 | |
| | T | iP | | | 38 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|--------|----|----|----------|--|
| Dec. 4 | P | eL | 16 | 38 | 15 | Tu eP 16 38 46 |
| | PX | eL | | | 49.4 | i 49 |
| | MW | eP | | | 38 02 | i 56 |
| | | e | | | 17 | |
| | R | e? | | | 11 | |
| | | e | | | 23 | |
| | Pr | eP? | | | 14 | BCIS: 55 N 170 W, |
| | | i | | | 20 | O = 16:30.5 |
| | | i | | | 28 | |
| | H | e | | | 11 | |
| | T | e(P) | | | 37 48 | |
| | | i | | | 52 | |
| | | i | | | 38 06 | |
| Dec. 4 | P | i | 20 | 41 | 07 | Tu i 20 38 09 |
| | | i | | | 55 | i 39 09 |
| | MW | i | | | 09 | i 41 28 |
| | | i | | | 42 18 | i 42 15 |
| | R | i | | | 38 27 | i 59 |
| | | i | | | 39 27 | e 43 30 |
| | | i | | | 41 10 | |
| | | i | | | 58 | |
| | Pr | i | | | 13 | |
| | | i | | | 34 | |
| | | e | | | 40 | |
| | | i | | | 42 00 | Two shocks? |
| | H | e | | | 41 07 | |
| | | i | | | 52 | |
| | T | i | | | 01 | |
| | | i | | | 49 | |
| Dec. 4 | P | iPNEZ! | 23 | 43 | 43 | Tu iP! 23 44 29 d |
| | | iSNE! | | | 44 05 | |
| | MW | iPNEZ! | | | 43 42 | c 33°53'N 116° 20' W, |
| | R | iPNZ! | | | 32 | c O = 23:43:17 |
| | Pr | iPNZ! | | | 31 | d Magnitude 6.7 |
| | LJ | iPNEZ! | | | 40 | d |
| | SB | iP | | | 44 02 | |
| | H | ePNEZ | | | 43 58 | |
| | | iNEZ | | | 59 | |
| | T | iPNEZ! | | | 44 11 | d |
| | | | | | | Reports collected by the U.S.C.G.S. indicate that this shock was felt over an area of about 55000 sq. mi. (140000 km. ²) in California, Arizona and Nevada. Minor damage occurred in the towns of Palm Springs, Desert Hot Springs, and Indio. Aftershocks numerous, but relatively small. |
| Dec. 5 | P | iPNEZ! | 00 | 07 | 47 | Tu iP 00 08 33 |
| | | iSNE | | | 08 07 | |
| | R | iPNEZ | | | 07 36 | c Aftershock; |
| | | iSNE | | | 47 | magnitude 4.9 |
| | Pr | iP! | | | 34 | |
| Dec. 5 | P | iPNEZ | 00 | 43 | 01 | Tu iP 00 43 55 |
| | | iSE | | | 21 | |
| | R | iPNEZ! | | | 42 49 | c Aftershock; |
| | | iSNE | | | 43 00 | magnitude 4.6 |
| | Pr | iP! | | | 42 49 | c |
| Dec. 5 | P | iPNEZ | 00 | 51 | 22 | Tu iP 00 52 11 |
| | | iSN | | | 41 | |
| | R | iPNEZ! | | | 11 | c Aftershock; |
| | | iSEZ | | | 21 | magnitude 4.4 |
| | | iP! | | | 10 | d |
| Dec. 5 | Pr | iP | 06 | 45 | 01 | Tu eP 06 45 03 |
| | P | eSKSNE | | | 55 40 | USCGS: 53 S 158 E, O = 06:26.4 |
| | PX | iGN | | | 07 13 25 | A T |
| | | iP | | | 06 45 00 | MH 40 50 |
| | R | eP | | | 44 50 | MH 60 30 |
| | H | eP | | | 45 19 | MH 30 20 |
| | T | eP | | | 15 | Magnitude 6 3/4 |

| Date | Sta. | Phase | h | m | s | Remarks |
|--------|------|--------|----|----|----|-------------------------|
| Dec. 6 | P | iPNEZ! | 02 | 46 | 33 | c |
| | R | iSE | | | 49 | |
| | Pr | iPNEZ! | | | 22 | |
| | P | iPNZ | | | 21 | |
| Dec. 6 | P | e | 12 | 23 | 30 | Tu e 12 23 51 |
| | PX | eLN | | 50 | 1 | 24 13 |
| | MW | e | | 23 | 28 | e 25 |
| | | e | | | 36 | |
| | | e | | | 53 | |
| | R | e | | | 33 | USCGS: 16 S 168 E, |
| | Pr | e | | | 54 | O = 12:10.4 |
| | T | e | | | 33 | BCIS: 17 S 166½ E, |
| | | e | | | 56 | O = 12:10.6 |
| | | e | | | 29 | |
| | | e | | | 37 | |
| Dec. 7 | P | iP | 09 | 23 | 46 | c |
| | | i | | 24 | 05 | |
| | | i | | | 46 | |
| | MW | iP | | 23 | 45 | c |
| | | i | | 24 | 13 | |
| | R | iP | | 23 | 41 | c |
| | Pr | iPNZ | | 24 | 13 | c |
| | | i | | 23 | 37 | c |
| | H | iP | | | 51 | |
| | T | iPNEZ | | | 48 | |
| | | i | | 24 | 17 | |
| Dec. 7 | P | eP | 14 | 05 | 29 | Tu iP 14 05 50 |
| | | e | | 06 | 03 | i 06 27 |
| | MW | iP | | 05 | 30 | |
| | | e | | 06 | 06 | |
| | Pr | iP | | 05 | 33 | d |
| | | e | | 06 | 04 | |
| | LJ | e | | | 00 | |
| | T | iP | | 05 | 36 | |
| | | e | | 06 | 12 | |
| Dec. 7 | Pr | e(P) | 16 | 34 | 22 | Tu e 16 34 43 |
| Dec. 7 | T | eP | | | 24 | |
| | MW | eP | 21 | 16 | 09 | Tu eP 21 16 37 |
| | R | eP | | 15 | 57 | |
| | Pr | eP | | | 57 | |
| | T | eP | | 16 | 09 | |
| Dec. 8 | P | iP | 04 | 16 | 18 | Tu eP 04 16 50 |
| | T | iP | | | 03 | |
| Dec. 8 | MW | iP? | 03 | 19 | 54 | Tu iP 03 20 10 |
| | R | iP | | | 54 | |
| | T | iP | | 20 | 02 | |
| | | | | | | Wellington: 34 S 179 E, |
| | | | | | | O = 03:07.2 |
| | | | | | | h = 160k, M = 5 3/4 - 6 |
| Dec. 8 | Pr | iP | 17 | 47 | 04 | Tu iP 17 47 20 |
| | T | iP | | 46 | 42 | |
| Dec. 8 | P | iPNEZ | 22 | 33 | 45 | d |
| | | ipP | | 34 | 17 | Tu iP 22 33 09 d |
| | | isP | | | 26 | ipP 40 |
| | | i | | | 44 | |
| | MW | iPNEZ | | 33 | 45 | d |
| | | ipP | | 34 | 14 | |
| | | i | | | 35 | |
| | | i | | | 39 | Andes? (continued) |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|------------------------------|
| Dec. 8 | R | iP | 22 | 33 | 41 | d |
| | | ipP | | 34 | 09 | (continued) |
| | | i | | | 22 | |
| | | i | | | 39 | |
| | | e | | 35 | 10 | |
| | Pr | iPNZ | | 33 | 37 | d |
| | LJ | iP | | | 36 | d |
| | SB | eP | | | 30 | |
| | H | iP | | | 51 | d |
| | | epP | | 34 | 22 | |
| | T | iPNEZ | | 33 | 57 | d |
| | | epP | | 34 | 26 | |
| Dec. 10 | P | iP | 06 | 39 | 05 | Tu iP 06 39 26 d |
| | MW | iP | | | 05 | |
| | R | iP | | | 08 | |
| | Pr | iP | | | 07 | |
| | T | iP | | | 14 | |
| Dec. 10 | P | iP | 09 | 51 | 58 | Tu iP 09 52 35 |
| | | i | | 52 | 13 | |
| | | i | | 51 | 57 | |
| | | i | | 52 | 14 | |
| | R | eP | | 51 | 45 | |
| | Pr | iPNZ | | 52 | 06 | |
| | LJ | eP | | 51 | 47 | |
| | SB | eP | | | 52 | |
| | H | eP | | | 49 | |
| | T | iP | | | 44 | |
| Dec. 10 | R | e | 10 | 21 | 06 | Tu e 10 21 24 |
| | T | e | | | 14 | P ^o of preceding? |
| Dec. 10 | P | iPNEZ! | 20 | 43 | 23 | c |
| | | iSNE | | | 42 | Tu iP 20 44 10 |
| | | iPNEZ! | | | 11 | c |
| | | iSNE | | | 22 | Aftershock of Dec. 4, 23h, |
| | | iPNZ! | | | 10 | magnitude 4.4 |
| Dec. 11 | Pr | iP | 03 | 13 | 27 | c |
| | P | ipP | | | 43 | Tu iP 03 13 44 |
| | | ipP | | | 29 | ipP 14 02 |
| | MW | eP | | | 43 | i 13 |
| | | epP | | | 43 | |
| | R | iP | | | 29 | c |
| | | ipP | | | 45 | Near New Zealand |
| | | i | | | 58 | |
| | Pr | iPNZ | | | 28 | c |
| | | i | | | 38 | |
| | | ipP | | | 45 | |
| | H | eP | | | 34 | |
| | | epP | | | 50 | |
| | T | iP | | | 36 | |
| | | ipP | | | 53 | |
| Dec. 11 | P | iP | 05 | 12 | 34 | Tu iP 05 11 31 |
| | MW | eP | | | 36 | |
| | R | eP | | | 36 | |
| | Pr | eP | | | 19 | |
| | H | eP | | | 55 | |
| | T | iP | | | 06 | |
| Dec. 11 | P | iPNEZ! | 16 | 12 | 45 | c |
| | | iSN | | 13 | 03 | Tu eP 16 13 35 |
| | | iPNEZ! | | 12 | 33 | c |
| | R | iSNE | | | 44 | Aftershock of Dec. 4, 23h; |
| | | iSNE | | | 44 | magnitude 4.5 |
| | Pr | iP! | | | 32 | d |

| Date | Sta. | Phase | h | m | s | Remarks | | |
|---------|---------|-------|-------|----|------|--|------|---|
| Dec. 12 | MW | iP | 01 | 30 | 46 | Tu iP 01 30 13 d Andes! | | |
| | R | iP | | 42 | d | | | |
| | | epP | 31 | 40 | | | | |
| | | i | | 23 | | | | |
| | Pr | iP | 30 | 38 | | | | |
| | H | eP | | 54 | d | | | |
| | T | iP | | 58 | d | | | |
| | | epP | 31 | 25 | | | | |
| | | e | | 39 | | | | |
| | | e | | 39 | | | | |
| Dec. 12 | P | iP | 06 | 32 | 13 d | Tu iP 06 32 34 d Tonga region. Depth about 550 km. | | |
| | MW | ipP | | 34 | 16 | | | |
| | | iP | 32 | 13 | d | | | |
| | | epP | 34 | 16 | | | | |
| | R | eP | 32 | 16 | d | | | |
| | | epP | 34 | 18 | | | | |
| | Pr | iPNZ | 32 | 15 | d | | | |
| | | epP | 34 | 17 | | | | |
| | LJ | eP | 32 | 11 | | | | |
| | H | eP | 32 | 20 | d | | | |
| Dec. 12 | T | epP | 34 | 24 | | Tu iP 06 48 51 ipP 49 03 BCIS: 17 S 166½ E, O = 06:35.6 | | |
| | P | eP | 06 | 48 | 28 | | | |
| | | epP | | 39 | | | | |
| | MW | eP | | 27 | | | | |
| | | ipP | | 39 | | | | |
| | R | eP | | 30 | | | | |
| | | epP | | 42 | | | | |
| | Pr | ePNZ | | 30 | | | | |
| | H | epP | | 33 | | | | |
| | | ipP | | 47 | | | | |
| Dec. 12 | T | iP | | 33 | | Tu iP 09 31 32 Small dilatations followed by large compressions at all stations. | | |
| | P | iP | 09 | 32 | 04 | | | |
| | MW | iP | | 01 | | | | |
| | R | iP | 31 | 59 | | | | |
| | Pr | iP | | 55 | | | | |
| | LJ | eP | | 49 | | | | |
| | H | iP | 32 | 09 | | | | |
| | T | iP | | 13 | | | | |
| | Dec. 12 | P | iPNEZ | 13 | 26 | | 06 d | Tu iP 13 26 49 d USCGS: 52 N 178 W, O = 13:17.3 A T PZ 1 1½ PH 4 6 MH 10 20 |
| | | | ipPEZ | | 17 | | | |
| | | i | | 28 | | | | |
| | | ePP | 27 | 40 | | | | |
| | | e | 31 | 35 | | | | |
| PX | | iSNE | 33 | 10 | | | | |
| | | eScSE | 36 | 00 | | | | |
| | | eSSN | 37 | 00 | | | | |
| MW | | eLNE | 38 | 5 | | | | |
| | | iPNEZ | 26 | 07 | d | | | |
| Dec. 12 | R | ipP | | 18 | | Pr iP 02 20 02 (continued) | | |
| | | i | | 34 | | | | |
| | | iP | | 11 | d | | | |
| | | ipP | | 21 | | | | |
| | | i | | 35 | | | | |
| | | i | 27 | 32 | | | | |
| | Pr | iPNZ | 26 | 17 | d | | | |
| | | ipP | | 28 | | | | |
| | | i | | 41 | | | | |
| | | iS | 33 | 31 | | | | |

| Date | Sta. | Phase | h | m | s | Remarks | | |
|---------|---------|-------|-----|----|------|---|----|-------------------------------|
| Dec. 12 | LJ | eP | 13 | 26 | 18 | (continued) | | |
| | SB | eP | | 25 | 59 | | | |
| | H | iPEZ | | | 58 d | | | |
| | | ipP | | 26 | 08 | | | |
| | T | iPNEZ | | 25 | 53 d | | | |
| | | i(pP) | | 26 | 00 | | | |
| | | i | | | 02 | | | |
| | | eSN | | 32 | 44 | | | |
| | Dec. 12 | P | e | 15 | 29 | | 33 | Tu eP 15 29 35 e 41 |
| | | MW | eP | | 28 | | | |
| | | i | | 33 | | | | |
| R | | eP | | 29 | | | | |
| | | i | | 36 | | | | |
| Pr | | iP | | 31 | | | | |
| | | i | | 39 | | | | |
| T | | eP | | 22 | | | | |
| | | i | | 28 | | | | |
| | | iP | 02 | 40 | 02 c | | | |
| Dec. 13 | P | e | | 16 | | Tu iP 02 40 38 BCIS: O = 02:30.6; probably an aftershock of Dec. 10, 09h, | | |
| | MW | iP | | 03 | c | | | |
| | | e | | 17 | | | | |
| | R | eP | | 04 | | | | |
| | | e | | 19 | | | | |
| | Pr | iP | | 11 | c | | | |
| | | e | | 25 | | | | |
| | T | iP | | 39 | 49 c | | | |
| | | e | | 40 | 01 | | | |
| | | i | | 11 | | | | |
| Dec. 13 | P | iP | 23 | 04 | 29 | Tu iP 23 04 52 d | | |
| | MW | iP | | 31 | | | | |
| | R | eP | | 32 | | | | |
| | Pr | iP | | 33 | d | | | |
| | T | iP | | 38 | | | | |
| | Dec. 14 | P | eP | 09 | 36 | | 04 | Tu iP 09 36 50 c ipP 37 05 |
| | | | epP | | 18 | | | |
| | | MW | iP | | 26 | | | |
| | | | ipP | | 04 | | | |
| | | | iP | | 19 | | | |
| R | | iP | | 26 | | | | |
| | | i | | 09 | | | | |
| | | i | | 28 | | | | |
| Pr | | iP | | 15 | | | | |
| | | ipP | | 29 | | | | |
| Dec. 14 | T | iP | | 35 | 48 | P iPNEZ 11 28 43 c MW iP 44 c R iP 29 06 c Pr iP 49 53 c LJ iP 47 46 T iP 42 43 Pr iP 49 35 Dec. 15 R R iP 02 19 41 Pr iP 41 47 | | |
| | P | iPNEZ | 11 | 28 | 43 c | | | |
| | MW | iP | | 44 | c | | | |
| | | i | | 51 | | | | |
| | | i | | 29 | 06 c | | | |
| | R | iP | | 28 | 46 c | | | |
| | | i | | 53 | | | | |
| | Pr | iP | | 49 | c | | | |
| | LJ | iP | | 47 | | | | |
| | T | iP | | 46 | | | | |
| Dec. 14 | MW | iP | 16 | 21 | 42 | Pr iP 02 20 02 | | |
| | R | iP | | 43 | | | | |
| | Pr | iP | | 49 | | | | |
| | T | iP | | 35 | | | | |
| | Dec. 15 | R | eP | 02 | 19 | | 41 | Tu iP 02 20 02 |
| | | Pr | iP | | 41 | | | |
| | | T | iP | | 47 | | | |

| Date | Sta. | Phase | h | m | s | Remarks | |
|---------|------|--------|----|----|----|---------------|---|
| Dec. 15 | P | iPNEZ | 19 | 23 | 39 | c | Tu iP 19 24 11 c |
| | | ipP | | 24 | 36 | | ipP 25 09 |
| | | i | | 50 | | | 23 |
| | PX | isP | 25 | 06 | | | i 33 |
| | | iSKSNE | 33 | 38 | | | i 53 |
| | | iSNEZ | | 46 | | | |
| | MW | iSPNE | 34 | 39 | | | |
| | | eSSNE | 39 | 30 | | | USCGS: 22 N 143 E, O = 19:11.4, h = 200 km. |
| | | eGN | 46 | | | | JSA: 22.0 N 142.4 E, O = 19:11:50, h = 250 km. |
| | | iP | 23 | 40 | c | | CMO: 24 N 144 E, deep. Pasadena 22 N 142.4 E, O = 19:11:26, h = 240 km. |
| | | ipP | 24 | 38 | | | |
| | | eSNEZ | 33 | 46 | | | |
| | | iP | 23 | 43 | c | | |
| | | ipP | 24 | 41 | | | |
| | | eS | 33 | 52 | | | |
| iPNZ! | | 23 | 47 | c | | | |
| LJ | ipP | 24 | 43 | | | A T | |
| | eSN | 33 | 52 | | | PZ 1 1 | |
| | iN | 34 | 03 | | | PH 1/2 1 | |
| | iP | 23 | 47 | c | | SH 8 5 | |
| | ipP | 24 | 49 | | | | |
| | eP | 23 | 35 | c | | Magnitude 7.0 | |
| | ipP | 24 | 32 | | | | |
| | iP | 23 | 38 | c | | | |
| | ipP | 24 | 34 | | | | |
| | eSE | 33 | 38 | | | | |
| Dec. 15 | P | iPNEZ! | 23 | 35 | c | | |
| | | ipP | 24 | 33 | | | |
| | | eSNEZ | 33 | 36 | | | |
| | MW | i | 22 | 03 | 34 | | Tu iP 22 03 45 |
| | | i | | 34 | | | i(pP) 04 10 |
| | | iP | | 14 | | | |
| | Pr | i(pP) | | 37 | | | |
| | | iP | | 19 | | | Earlier motion, probably extraneous, at Pasadena. |
| | | i(pP) | | 42 | | | |
| | | iP | | 03 | | | Japan? |
| Dec. 15 | P | i(pP) | | 27 | | | |
| | | iP | 02 | 59 | | | |
| | | i(pP) | 03 | 23 | | | |
| | MW | iP | 22 | 39 | 12 | c | Tu iP 22 39 48 c |
| | | ipP | | 42 | | | ipP 40 19 |
| | | iP | | 13 | c | | |
| | R | ipP | | 43 | | | Addendum: |
| | | iP | | 16 | c | | R ipP 22 29 46 |
| | | ipP | | 21 | | | Kurile Islands? |
| | | ipP | | 51 | | | |
| Dec. 16 | P | iP | | 02 | c | | |
| | | ipP | | 32 | | | |
| | | ePNEZ | 07 | 30 | 15 | | Tu eP 07 30 39 |
| | PX | eSNE | 40 | 02 | | | USCGS: 20 S 179 W, O = 07:18.2 |
| | | eLNE | 49 | 7 | | | BCIS: 21 S 176 W, O = 07:18.2 |
| | | eP | 30 | 15 | | | PZ 0.3 1 |
| | MW | eP | | 18 | | | MH 25 30 |
| | | ipP | | 16 | c | | Magnitude about 6 1/2 |
| | | iPNZ | | 19 | | | |
| | | eP | | 25 | | | |
| Dec. 17 | T | eP | | 25 | | | |
| | | iP | 09 | 37 | 13 | | Tu iP 09 38 25 |
| | | iP | 10 | 28 | 24 | | Tu iP 10 28 57 |
| Dec. 17 | MW | i | 11 | 39 | 40 | | Tu iP 11 38 50 |
| | | e(P) | 40 | 03 | | | JSA: 7.4 N 81.3 W, O = 11:31:31 |
| Dec. 17 | T | i | | 12 | | | |

| Date | Sta. | Phase | h | m | s | Remarks | |
|---------|---------|--------|--------|-----|----|----------------------------------|--|
| Dec. 18 | MW | e | 14 | 26 | 04 | BCIS: 18 S 168 E, O = 14:13.3 | |
| | | R | | 00 | | | |
| Dec. 18 | MW | ipP | 22 | 49 | 44 | Tu iP 22 50 07 | |
| | | Pr | | 45 | | | |
| | | T | | 51 | | | |
| Dec. 18 | P | iPNEZ! | 23 | 45 | 44 | d | Tu iP 23 46 42 |
| | | MW | iPNEZ! | | 39 | d | i 47 09 |
| | Pr | iSNE | | 55 | | | i(S) 48 14 |
| | | iPNZ! | | 46 | d | | 34°57' N 116°57' W |
| | | H | iPNEZ | | 42 | c | O = 23:45:17, magnitude 4.4 |
| | Dec. 19 | T | iSNE | | 46 | 01 | Reported felt at Hinkley, Helendal and Victorville. |
| | | | iPEZ | 45 | 56 | c | |
| | | P | eP | 04 | 09 | 02 | Tu iP 04 08 29 |
| | | | MW | ipP | | 43 | |
| | | R | eP | | 01 | | |
| ipP | | | | 43 | | | |
| eP | | | | 08 | 59 | | |
| ipP | | | | 09 | 10 | | |
| H | eP | | | 11 | | Andes? | |
| T | epP | | | 21 | | | |
| Dec. 20 | P | iP | | 14 | | | |
| | | ipP | | 26 | | | |
| | | iPNEZ | 04 | 43 | 35 | c | Tu eP 04 45 05 |
| | SB | ipP | | 19 | | | Near 35.8 N 121.5 W, O = 04:42.8 |
| | | iSN | | 46 | | | Magnitude 4.5 |
| | H | iPEZ | | 32 | | | |
| | | T | iPNEZ! | | 34 | | |
| | Dec. 20 | P | eP | 18 | 52 | 44 | Tu e 18 53 20 |
| | | | MW | eP | | 43 | |
| | Dec. 20 | P | eP | 20 | 53 | 02 | |
| T | | | | 32 | | | |
| MW | | | eP | | 17 | | |
| R | | eP | | 04 | | | |
| | | e | | 16 | | | |
| | | eP | | 16 | | | |
| | | e | | 19 | | | |
| Dec. 20 | | P | eP | | 02 | | |
| | | | ipP | 23 | 21 | 03 | |
| | | | MW | eP | | 03 | |
| Dec. 21 | P | iP | | 20 | 54 | | |
| | | T | | 21 | 07 | | |
| | | MW | iP | 16 | 44 | 41 | Tu eP 16 45 06 |
| | R | i | | 45 | 10 | | |
| | | eP | | 44 | 44 | | |
| | | e | | 45 | 09 | | |
| | | Pr | iP | | 44 | 46 | Southwest Pacific |
| | Dec. 21 | MW | i | | 45 | 14 | |
| | | | T | | 44 | 47 | |
| | | | e | | 45 | 15 | |
| Dec. 21 | P | eP | 17 | 49 | 26 | Tu iP 17 48 32 | |
| | | Pr | | 46 | | i 50 | |
| | T | iP | | 41 | | | i 54 |
| | | P | eP | 20 | 21 | 56 | Tu iP 20 21 04 |
| Dec. 21 | MW | e | | 22 | 10 | | |
| | | i | | 32 | | | |
| | | iP | | 21 | 56 | | |
| | T | e | | 22 | 08 | | Deeper than normal? |
| | | i | | 15 | | | USCGS: 19 N 69.5 W, O = 20:13.4 |
| | | i | | 44 | | | |
| | | i | 23 | 20 | | (continued) | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|---------------------------|
| Dec. 21 | Pr | iP | 20 | 24 | 48 | c (continued) |
| | | i | | 22 | 07 | |
| | | e | | 23 | 40 | |
| | LJ | eP | | 21 | 48 | |
| | T | iP | | | 59 | |
| | | i | | 22 | 07 | |
| | | e | | | 15 | |
| | | i | | | 25 | |
| Dec. 21 | MW | iP | 21 | 41 | 35 | |
| | T | iP | | | 38 | |
| | | e | | | 53 | |
| Dec. 22 | Pr | iP | 00 | 40 | 25 | Tu iP 00 41 00 |
| | | e | | | 42 | i 16 |
| | | eP | | | 08 | |
| Dec. 22 | Pr | eP | 05 | 47 | 07 | Tu iP 05 47 21 d |
| | T | i | | | 01 | |
| | | i | | | 08 | |
| Dec. 22 | P | iP | 15 | 51 | 21 | Tu iP 15 50 52 |
| | MW | iP | | | 20 | |
| | Pr | iP | | | 15 | |
| Dec. 23 | P | iP | 07 | 24 | 38 | Tu eP 07 24 54 |
| | MW | iP | | | 37 | i 25 08 |
| | | e | | | 53 | i 14 |
| | | i | | | 58 | i 30 |
| | | iPP | | 27 | 48 | USCGS: 30 S 177 W, |
| | Pr | iPNZ | | 24 | 40 | O = 07:12.1 |
| | H | iP | | | 46 | |
| Dec. 23 | P | iPNEZ | 08 | 50 | 41 | c Tu iP 08 51 20 c |
| | PX | iPcP | | 51 | 42 | |
| | | eSE | | 58 | 14 | USCGS: 56 N 166 E, |
| | | iSN | | | 24 | O = 08:41.3 |
| | | eSSNE | 09 | 02 | 2 | Pasadena: 55 1/2 N 166 E, |
| | | eGNE | | 03 | 9 | O = 08:41:17, h = 60 km. |
| | MW | iPNEZ | 08 | 50 | 42 | Magnitude 6 3/4 |
| | | eSN | | 58 | 24 | |
| | Pr | iPNZ | | 50 | 52 | A T |
| | | iSN | | 58 | 44 | PZ 4 3 |
| | LJ | iPNEZ | | 50 | 51 | PH 2 3 |
| | | eSN | | 58 | 44 | SH 7 8 |
| | SB | eP | | 50 | 35 | MH 25 20 |
| | H | iP | | | 33 | |
| | T | iPNEZ | | | 27 | |
| | | eSNE | | 57 | 57 | |
| Dec. 23 | P | iP | 15 | 35 | 34 | Tu iP 15 36 14 |
| | | i | | | 50 | i 38 58 |
| | | i | | | 43 | i 39 09 |
| | PX | eLE | | 43 | | |
| | MW | iP | | 35 | 36 | |
| | | iPcP | | 40 | 00 | |
| | | iScP | | 43 | 28 | |
| | Pr | iP | | 35 | 45 | |
| | | i | | | 57 | |
| | H | eP | | | 26 | |
| | T | iP | | | 21 | |
| | | i | | | 28 | |
| | | i | | | 36 | |
| | | ePcP | | 40 | 30 | |
| | | iScP | | 43 | 16 | |
| Dec. 23 | P | iP | 18 | 58 | 45 | Tu iP 18 59 25 c |
| | MW | iP | | | 46 | |
| | Pr | iP | | | 56 | |
| | H | iP | | | 37 | |
| | T | iPEZ | | | 31 | |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|-------|----|----|----|---------------------------------|
| Dec. 24 | P | iP | 04 | 53 | 53 | Tu iP 04 54 32 c |
| | MW | iP | | | 53 | iScP 05 00 05 |
| | | eScP | | 59 | 42 | |
| | Pr | iP | | 54 | 03 | c |
| | | iScP | | 59 | 46 | |
| | T | iP | | 53 | 37 | c |
| | | iScP | | 59 | 48 | |
| Dec. 24 | P | e | 07 | 40 | 25 | Tu iP 07 40 16 |
| | MW | e | | | 14 | |
| | T | iP | | | 29 | |
| | | e | | | 47 | |
| Dec. 26 | P | iPNEZ | 07 | 23 | 56 | c Tu iP 07 23 21 |
| | | ipP | | 24 | 11 | ipP 36 |
| | | eSN | | 33 | 15 | i 49 |
| | MW | iP | | 23 | 56 | c USCGS: 22 1/2 S 69 W, |
| | | ipP | | 24 | 11 | O = 07:12.5, h = 100 km. |
| | R | ePNE | | 23 | 51 | |
| | Pr | iP | | | 48 | A T |
| | | i | | 24 | 09 | PZ 1 1/2 1 1/2 |
| | LJ | eP | | 23 | 46 | SH 2 1/2 5 |
| | H | ePNE | | 24 | 04 | |
| | T | iPNEZ | | | 07 | Magnitude 6 3/4 - 7 |
| | | i | | | 25 | |
| Dec. 26 | P | iP | 08 | 56 | 40 | c Tu iP 08 57 05 c |
| | MW | iP | | | 40 | c Near Apia, which reports: |
| | Pr | iP | | | 45 | c P 08 47 37 |
| | T | iP | | | 48 | c S 49 05 |
| Dec. 27 | T | eP | 04 | 15 | 05 | Tu iP 04 15 20 |
| Dec. 28 | P | iPNEZ | 00 | 28 | 01 | c Tu iP 00 28 29 c |
| | | i | | | 56 | |
| | MW | iP | | | 03 | c |
| | | i | | | 44 | |
| | Pr | iPNZ | | | 07 | c |
| | | i | | | 46 | c |
| | T | iPNEZ | | | 06 | c |
| Dec. 28 | P | eP | 02 | 27 | 06 | Tu eP 02 28 31 |
| | | iSE | | 28 | 36 | Magnitude 4.7 |
| | H | iPNE | | 26 | 49 | Felt at Reno and Verdi, Nevada. |
| | | eSNE | | 27 | 38 | Similar smaller shocks at |
| | T | iP | | 26 | 28 | Olh 12m and O5h 28m |
| | | i | | | 32 | |
| Dec. 28 | P | eP | 19 | 07 | 57 | Tu eP 19 07 24 |
| | Pr | iP | | 08 | 07 | |
| | T | eP | | | 32 | |
| Dec. 29 | P | e | 05 | 59 | 27 | Region of 55 S 160 W |
| | PX | eGE | | 06 | 25 | A T |
| | | | | | 1 | MH 8 20 |
| Dec. 29 | P | eP | 06 | 40 | 51 | Tu eP 06 41 14 |
| | MW | eP | | | 55 | |
| | Pr | eP | | | 57 | |
| | T | e | | | 45 | |
| Dec. 19 | P | eP | 11 | 02 | 43 | Tu iP 11 03 09 d |
| | MW | eP | | | 43 | e 30 |
| | | i | | | 03 | 02 |
| | R | eP | | 02 | 45 | Near Apia, which reports: |
| | Pr | eP | | | 44 | P 10 51 30 |
| | T | iP | | | 53 | S 52 12 |

| Date | Sta. | Phase | h | m | s | Remarks |
|---------|------|--------|----|----|----|------------------------------------|
| Dec. 29 | P | iP | 12 | 54 | 53 | Tu eP 12 56 01 |
| | | iSNE | | 56 | 42 | |
| | MW | iP | | 54 | 52 | Damage at Verdi and Reno, Nevada |
| | R | iP | | | 58 | Magnitude 6.0 |
| | | iSN | | 56 | 28 | USCGS: 39.5 N 120.2 W |
| | Pr | iPNZ | | 55 | 08 | O = 12:53:29 |
| | SB | eP | | 54 | 50 | |
| | | iSN | | 56 | 01 | |
| | H | ePNE | | 54 | 34 | |
| | | iNE! | | | 37 | |
| | | iSNE | | 55 | 27 | |
| | T | eP | | 54 | 15 | |
| | | iSNE | | | 54 | |
| Dec. 29 | P | iP | 20 | 19 | 57 | Tu eP 20 20 29 |
| | | i | | 20 | 46 | 21 11 |
| | MW | eP | | 19 | 55 | e 18 |
| | | e | | 20 | 45 | |
| | Fr | eP | | 19 | 55 | |
| | T | iP | | | 53 | |
| | | e | | 20 | 39 | |
| | | i | | | 45 | |
| Dec. 30 | MW | iP | 04 | 21 | 52 | Tu iP 04 22 30 |
| | | i | | 22 | 06 | |
| | T | eP | | 21 | 39 | |
| | | e | | | 52 | |
| Dec. 30 | P | iPNEZ! | 23 | 54 | 20 | Tu iP 23 55 19 c |
| | PX | iNEZ | | 55 | 10 | |
| | | eGN | | 57 | .8 | USCGS: 51.5 N 130.0 W, |
| | | i(S)E | | 58 | 05 | O = 23:49:53 |
| | MW | iPNEZ | | 54 | 21 | A T |
| | R | iP | | | 24 | PZ 5 2 |
| | Pr | iPNZ | | | 34 | PZ 20 12 |
| | LJ | iPNE | | | 38 | PH 15 8 |
| | SB | ePNZ | | | 15 | SH 12 0 |
| | H | iPNE | | | 33 | MH 80 20 |
| | T | iPNEZ | | | 50 | MH 100 14 |
| Dec. 31 | R | eP | 06 | 43 | 34 | Magnitude 6.6 |
| | Pr | iP | | | 46 | Tu eP 06 44 41 |
| | T | iP | | | 02 | Aftershock |
| Dec. 31 | MW | eP | 07 | 16 | 54 | Tu iP 07 16 02 |
| | R | eP | | | 44 | |
| | Pr | iP | | | 43 | Central America |
| Dec. 31 | T | iP | | 17 | 01 | |
| | P | iP | 07 | 40 | 16 | Tu iP 07 39 23 |
| | R | iP | | | 07 | |
| | Pr | iP | | | 04 | Central America |
| | T | iP | | | 22 | |
| Dec. 31 | P | iPNEZ | 14 | 36 | 34 | Tu eP 14 38 05 |
| | | iSE | | 37 | 08 | Felt along the coast from Monterey |
| | SB | ePNZ | | 36 | 18 | Bay to Point Arguello. |
| | | iSN | | | 50 | Magnitude 4.6 |
| | H | ePE | | | 31 | |
| | T | iPNEZ | | | 34 | |
| | | iSE | | 37 | 10 | |

C. F. Richter
Marion Reid
August 2, 1949

Appendix

Larger shocks of 1948

Epicenters, origin times, depths and magnitudes revised by B. Gutenberg

| | | | Lat. | Long. | Depth | Magnitude |
|----------|----------|----------|-----------|---------|-------|-----------|
| Jan. 4 | 08 56 37 | 20 3/4 S | 179 W | 600 km. | 7.1 | |
| Jan. 6 | 17 23 26 | 17 N | 98 W | 80 km. | 7 | |
| Jan. 6 | 17 25 58 | 17 N | 98 W | 80 km. | 7 | |
| Jan. 22 | 13 55 24 | 22 S | 177 W | 140 km. | 7.0 | |
| Jan. 24 | 17 46 30 | 10 1/2 N | 122 E | normal | 8.2 | |
| Jan. 27 | 11 58 28 | 20 1/2 S | 178 W | 630 km. | 7.2 | |
| Jan. 28 | 03 47 24 | 1 1/2 N | 126 1/2 E | 80 km. | 7.2 | |
| Feb. 9 | 12 58 15 | 35 1/2 N | 27 E | 40 km. | 7.1 | |
| Feb. 9 | 14 54 22 | O | 122 1/2 E | 160 km. | 7.2 | |
| Mar. 1 | 04 12 28 | 3 S | 127 1/2 E | 50 km. | 7.5 | |
| Mar. 3 | 09 09 54 | 18 1/2 N | 119 E | normal | 7.2 | |
| Mar. 13 | 20 02 35 | 1 1/2 N | 126 1/2 E | 60 km. | 7.1 | |
| Apr. 17 | 16 11 28 | 33 N | 135 3/4 E | normal | 7.3 | |
| Apr. 21 | 22 22 02 | 19 1/4 N | 69 1/4 W | 40 km. | 7.3 | |
| May 11 | 08 55 41 | 17 1/2 S | 70 1/4 W | 70 km. | 7.1 | |
| May 14 | 22 31 43 | 54 1/2 N | 161 W | normal | 7.5 | |
| May 25 | 07 11 21 | 29 1/2 N | 100 1/2 E | normal | 7.3 | |
| June 28 | 07 13 30 | 36 1/2 N | 136 E | normal | 7.3 | |
| June 29 | 10 28 37 | 15 1/2 S | 174 W | 60 km. | 7.0 | |
| July 20 | 14 02 17 | 17 S | 75 W | 70 km. | 7.1 | |
| Aug. 25 | 06 09 27 | 23 1/2 S | 65 W | 50 km. | 7.1 | |
| Sept. 2 | 23 34 50 | 10 N | 125 1/2 E | normal | 7.0 | |
| Sept. 8 | 15 09 11 | 21 S | 174 W | normal | 7.8 | |
| Sept. 10 | 13 48 34 | 43 1/2 N | 147 E | 40 km. | 7.1 | |
| Oct. 5 | 20 12 05 | 37 1/2 N | 58 E | normal | 7.3 | |
| Nov. 19 | 01 04 24 | 10 N | 83 1/2 W | 80 km. | 7.0 | |
| Nov. 21 | 19 10 28 | 13 1/2 S | 167 E | 180 km. | 7.0 | |
| Nov. 26 | 05 36 37 | 5 S | 145 E | 70 km. | 7.0 | |
| Dec. 15 | 19 11 26 | 22 N | 142 1/2 E | 240 km. | 7.0 | |