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BERKELEY—MOUNT HAMILTON—PALO ALTO
SAN FRANCISCO—FERNDALE—FRESNO
MINERAL—ARCATA—RENO—CORVALLIS—SHASTA

Earthquakes and the Registration of Earthquakes

From January 1, 1953, to March 31, 1953

BY
DON TOCHER



UNIVERSITY OF CALIFORNIA PRESS
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1955

SEISMOGRAPHIC STATIONS OF THE UNIVERSITY OF CALIFORNIA

Perry Byerly, Director

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

and

REGISTRATION OF EARTHQUAKES AT: BERKELEY, MOUNT HAMILTON,
PALO ALTO, SAN FRANCISCO, FERNDALE, FRESNO, MINERAL, ARCATA,
RENO, CORVALLIS, AND SHASTA

FROM JANUARY 1, 1953 TO MARCH 31, 1953

VOLUME 23 NUMBER 1

By Don Tocher

SEISMOGRAMS READ BY:

Carolyn H. Pendery

John E. Meeker

Charles Herrick

Nancy Vaaler

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The list following this page gives the latitude and longitude of epicenters for earthquakes well enough recorded to permit such a determination.

Map No. refers to the map immediately following the epicenter list.

Date and Origin Time are given in Greenwich Civil Time. Subtract eight (8) hours to get local (Pacific Standard) time. This will change the date for some of the earthquakes.

M refers to the Richter Magnitude, determined from trace amplitudes of the Wood-Anderson Seismographs, and using the nomogram given by Nordquist in the "Bulletin of the Seismological Society of America," 32:164.

Q represents the excellence with which the epicenter has been located, "a" indicating excellent, "b" good, "c" fair, and "d" poor.

Under Remarks will be found a short descriptive location of the epicenter, as well as information on small foreshocks and aftershocks, and the intensity of shocks which were reported felt. Reports on felt earthquakes are chiefly those collected by the United States Coast and Geodetic Survey, which publishes a more complete summary of such reports in "Abstracts of Earthquake Reports for the Pacific Coast and the Western Mountain Region." Intensities are given by Roman numerals when sufficient information on the effects of the shock is available. Criteria of the Modified Mercalli Scale which are used to rate the intensity are:

- II Felt by a few people only. Duration or direction not appreciable.
- III Duration or direction appreciable.
- IV Rattling of doors and windows; swinging of suspended objects.
- V Disturbance of movable objects; plaster cracked.
- VI Overthrow of movable objects; cracking of chimneys and other brickwork.
- VII Fall of some chimneys; some damage to buildings.
- VIII General fall of chimneys; great damage to poorly built structures.

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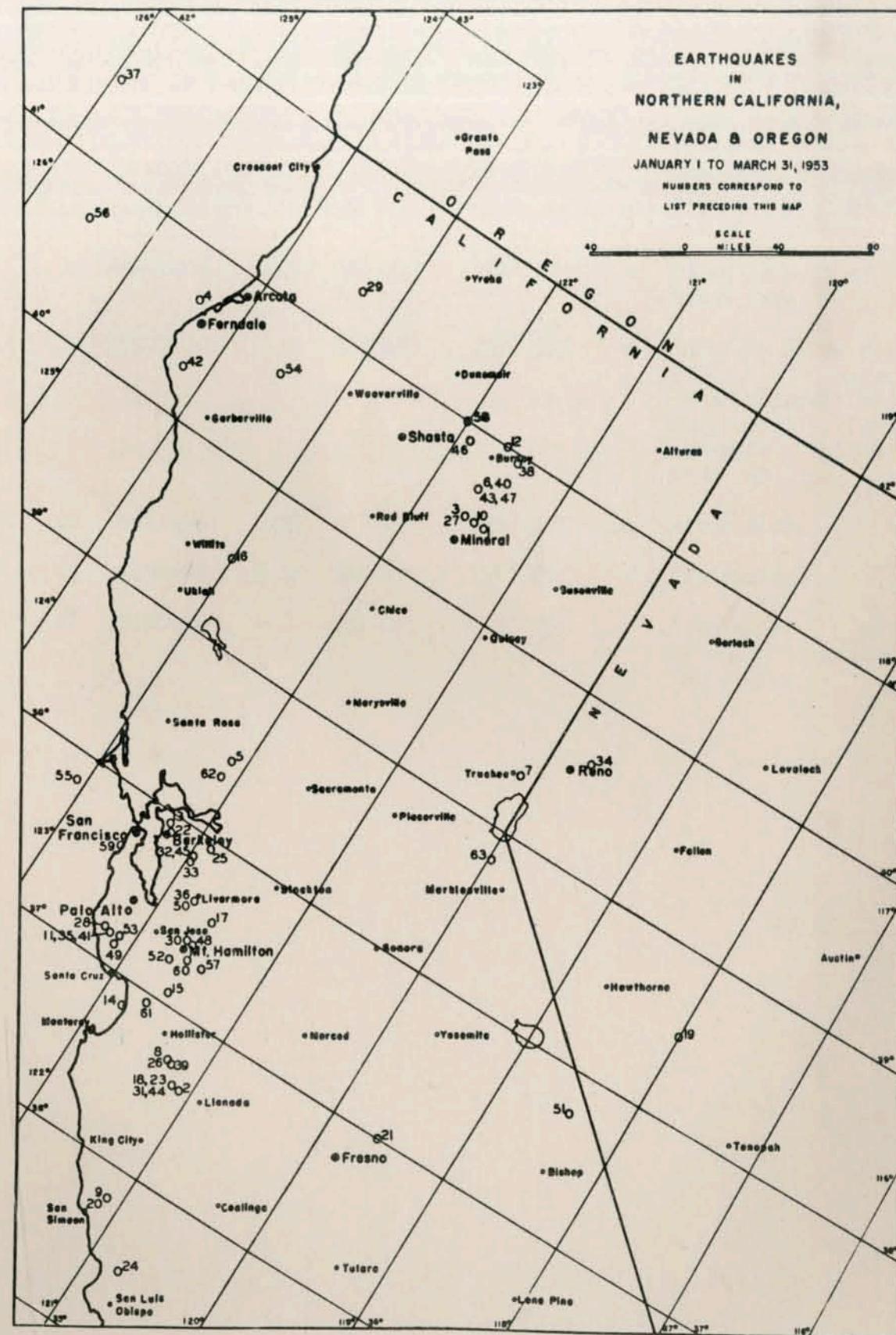
MADE IN THE UNITED STATES OF AMERICA

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

| Map No. | Date 1953 | Origin Time(GCT) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|------------------|-----|----------------|----------------|---|---|
| 1 | Jan. 2 | 03-08-36 | 2.0 | 40.5° | 121.4° | d | 1½ miles NE of Mineral. |
| 2 | 2 | 10-47-53 | 2.5 | 36° 37' | 121° 05' | c | 8 miles west of Llanada. |
| 3 | 2 | 19-05-02 | 3.2 | 40.5° | 121.6° | d | 10 miles north of Mineral. Felt at Mineral and Sulphur Works. |
| 4 | 3 | 18-40-06 | 3.6 | 40.7° | 124.4° | d | 10 miles NW of Ferndale. |
| 5 | 7 | 06-55-20 | 2.5 | 38° 27' | 122° 06' | b | 32 miles east of Santa Rosa. |
| 6 | 8 | 23-22-08 | 3.0 | 40.7° | 121.6° | d | 25 miles north of Mineral. |
| 6 | 8 | 23-23-07 | 3.2 | 40.7° | 121.6° | d | 25 miles north of Mineral. |
| 7 | 11 | 03-19-40 | 3.1 | 39° 21' | 120° 07' | c | Near Truckee. Aftershock of magnitude 2.6 at 03-29. |
| 8 | 11 | 17-07-11 | 2.7 | 36° 44' | 121° 17' | c | 10 miles SE of Hollister. |
| 9 | 12 | 13-05-18 | 3.2 | 35.8° | 121.1° | d | 1½ miles NE of San Simeon. |
| 10 | 12 | 21-58-17 | 2.6 | 40.5° | 121.5° | d | 10 miles north of Mineral. |
| 11 | 15 | 00-49-05 | 2.1 | 37° 11' | 122° 12' | c | 16 miles south of Palo Alto. Identical shock 18 1/2 seconds later. Blasts? |
| 12 | 15 | 17-07-50 | 3.0 | 41.0° | 121.6° | d | 7 miles NE of Burney. |
| 13 | 15 | 21-39-13 | 2.0 | 37° 57' | 122° 15' | c | 7 miles north of Berkeley. |
| 14 | 22 | 14-20-32 | 2.4 | 36° 51' | 121° 49' | c | 12 miles SE of Santa Cruz. |
| 15 | 23 | 08-02-28 | 2.0 | 37° 04' | 121° 34' | c | 20 miles south of Mt. Hamilton. |
| 16 | 24 | 09-59-50 | 3.9 | 39.5° | 123.0° | d | 20 miles ENE of Willits. |
| 17 | 26 | 00-43-14 | 2.3 | 37° 34' | 121° 34' | b | 9 miles SE of Livermore. |
| 18 | 27 | 22-10-12 | 2.5 | 36.6° | 121.2° | d | 15 miles west of Llanada. |
| 18 | 27 | 23-10-35 | 3.3 | 36° 36' | 121° 09' | b | 13 miles west of Llanada. |
| 19 | 29 | 21-52-48 | 3.6 | 38.5° | 118.0° | d | 30 miles east of Hawthorne, Nevada. |
| 20 | 29 | 20-31-19 | 3.1 | 35.8° | 121.1° | d | 1½ miles NE of San Simeon. |

| Map No. | Date 1953 | Origin Time(GCT) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|------------------|-----|----------------|----------------|---|---|
| 21 | Jan. 31 | 00-38-29 | 2.1 | 37.0° | 119.6° | d | 20 miles NE of Fresno. |
| 22 | Feb. 2 | 08-48-14 | 2.4 | 37° 52' | 122° 14' | c | Berkeley Hills. Felt at Albany, Berkeley and El Cerrito. |
| 23 | 3 | 07-36-26 | 2.7 | 36° 34' | 121° 12' | b | 15 miles west of Llanada. |
| 24 | 3 | 14-50-18 | 4.1 | 35° 28' | 120° 45' | c | 12 miles NNW of San Luis Obispo. USCGS: V at Atascadero, Creston, Morro Bay, Pleyto, and Santa Margarita. |
| 25 | 3 | 17-43-29 | 2.5 | 37° 57' | 121° 53' | b | 20 miles ENE of Berkeley. |
| 26 | 6 | 01-15-53 | 3.1 | 36° 42' | 121° 19' | c | 10 miles SSE of Hollister. |
| 26 | 6 | 04-27-09 | 3.1 | 36° 42' | 121° 18' | c | 10 miles SSE of Hollister. |
| 27 | 6 | 22-12-00 | 2.8 | 40.5° | 121.6° | d | 10 miles north of Mineral. |
| 28 | 6 | 22-52-10 | 2.2 | 37° 12' | 122° 15' | c | 10 miles SSW of Palo Alto. |
| 29 | 12 | 00-12-15 | 2.5 | 41.3° | 123.3° | d | 40 miles SW of Yreka. |
| 30 | 13 | 22-10-06 | 3.2 | 37° 23' | 121° 39' | a | 4 miles north of Mt. Hamilton. Shock of slightly smaller magnitude 18 seconds later. |
| 31 | 15 | 17-45-50 | 3.1 | 36° 34' | 121° 13' | c | 16 miles west of Llanada. |
| 32 | 17 | 16-35-03 | 2.2 | 37° 51' | 121° 58' | c | 15 miles east of Berkeley. |
| 33 | 18 | 07-26-51 | 1.9 | 37° 48' | 121° 58' | c | 17 miles ESE of Berkeley. |
| 34 | 20 | 23-55-53 | 3.4 | 39° 37' | 119° 41' | b | 8 miles NE of Reno, Nevada. Foreshock of magnitude 3.1 at 23-16-46. Aftershock of magnitude 3.2 at 00-03-25, Feb. 21. |
| 35 | 21 | 00-10-48 | 1.9 | 37° 13' | 122° 13' | c | 18 miles NW of Santa Cruz. Blast? |
| 36 | 23 | 00-00-56 | 2.7 | 37° 38' | 121° 47' | a | 3 miles south of Livermore. |
| 37 | 23 | 07-42-51 | 4.7 | 41° 30' | 125° 56' | c | About 100 miles WNW of Arcata. |
| 38 | 23 | 09-09-50 | 3.7 | 40° 57' | 121° 29' | b | 8 miles NE of Burney. IV at Pittville. |

| Map No. | Date 1953 | Origin Time(GCT) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|------------------|-----|----------------|----------------|---|---|
| 39 | Feb. 24 | 20-59-27 | 3.0 | 36° 43' | 121° 15' | c | 12 miles SE of Hollister. |
| 40 | 25 | 08-14-43 | 3.4 | 40° 40' | 121° 38' | c | 21 miles N of Mineral. |
| 41 | 25 | 21-44-08 | 1.8 | 37.2° | 122.2° | d | 13 miles south of Palo Alto. Blast? |
| 42 | 26 | 20-05-51 | 2.9 | 40° 18' | 124° 12' | c | 18 miles south of Ferndale. |
| 43 | 27 | 16-55-01 | 3.3 | 40° 40' | 121° 35' | c | 21 miles north of Mineral. |
| 44 | 28 | 01-00-20 | 3.5 | 36° 34' | 121° 09' | a | 12 miles west of Llanada. |
| 45 | 28 | 11-47-55 | 1.7 | 37° 50' | 121° 57' | b | 17 miles east of Berkeley. |
| 46 | 28 | 15-07-42 | 2.7 | 40.9° | 121.9° | d | 12 miles west of Burney. |
| 47 | Mar. 2 | 21-00-22 | 2.9 | 40.7° | 121.6° | d | 12 miles south of Burney. |
| 48 | 3 | 19-15-12 | 2.0 | 37° 23' | 121° 36' | c | 4 miles NE of Mt. Hamilton. |
| 49 | 5 | 11-48-58 | 1.7 | 37° 08' | 122° 07' | c | 12 miles NNW of Santa Cruz. Blast? |
| 49 | 5 | 12-30-28 | 1.7 | 37° 08' | 122° 07' | c | 12 miles NNW of Santa Cruz. Blast? |
| 50 | 7 | 08-55-05 | 1.6 | 37° 37' | 121° 46' | b | 3 miles south of Livermore. |
| 51 | 8 | 07-37-26 | 3.4 | 37° 45' | 118° 26' | c | 26 miles north of Bishop. |
| 52 | 8 | 12-28-26 | 1.9 | 37° 15' | 121° 42' | c | 7 miles SW of Mt. Hamilton. |
| 53 | 8 | 23-06-45 | 2.5 | 37° 12' | 122° 07' | b | 15 miles south of Palo Alto. |
| 54 | 9 | 00-17-00 | 2.4 | 40.6° | 123.5° | d | 30 miles WSW of Weaverville. |
| 55 | 12 | 09-38-18 | 1.8 | 37° 50' | 123° 04' | c | 30 miles west of San Francisco. |
| 56 | 12 | 21-35-30 | 3.5 | 40.7° | 125.5° | d | 70 miles west of Arcata. |
| 57 | 14 | 05-01-04 | 2.1 | 37° 18' | 121° 27' | c | 10 miles east of Mt. Hamilton. |
| 58 | 14 | 08-22-51 | 2.6 | 41.0° | 122.0° | d | 17 miles WNW of Burney. |
| 59 | 14 | 17-22-36 | 2.3 | 37° 39' | 122° 30' | a | South of San Francisco. Felt at Hayward. |
| 60 | 16 | 01-16-49 | 2.5 | 37° 18' | 121° 34' | b | 5 miles SE of Mt. Hamilton. |



| <u>Map No.</u> | <u>Date 1953</u> | <u>Origin Time(GCT)</u> | <u>M</u> | <u>Latitude North</u> | <u>Longitude West</u> | <u>Q</u> | <u>Remarks</u> |
|--------------------|----------------------|-----------------------------|----------|---------------------------|---------------------------|----------|---|
| 61 | Mar. 16 | 08-52-06 | 4.0 | 36° 57' | 121° 40' | b | 18 miles east of Santa Cruz. V at Gilroy and Santa Cruz. IV at Monterey, Morgan Hill, San Jose, Watsonville. Aftershock of magnitude 2.3 at 10-13-13. |
| 62 | 19 | 06-20-04 | 3.0 | 38° 21' | 122° 07' | c | 32 miles east of Santa Rosa. |
| 63 | 22 | 05-19-00 | 5.0 | 38° 49' | 119° 59' | a | 13 miles NW of Markleeville. V at Meyers. IV at Emigrant Gap, Markleeville, Tahoe City, Yosemite. III at Carson City, Nevada. |
| 63 | 22 | 05-57-56 | 2.9 | 38° 49' | 119° 59' | b | Aftershock. |
| 63 | 22 | 06-32-29 | 3.1 | 38° 49' | 119° 59' | b | Aftershock. |
| 63 | 22 | 14-10-25 | 4.3 | 38° 49' | 119° 59' | b | Aftershock. V at Meyers. IV at Markleeville and Tahoe City. |

THE REGISTRATION OF EARTHQUAKES

at

BERKELEY, MOUNT HAMILTON, PALO ALTO, SAN FRANCISCO, FERNDALE
FRESNO, MINERAL, ARCATA, RENO, CORVALLIS, AND SHASTA

All large regional shocks and all distant earthquakes are tabulated on the following pages. Earthquakes in the Northern California, Nevada and Oregon region are included only if of magnitude 5 or greater, or if of special interest. Times of distant shocks are not normally included for Palo Alto, San Francisco, or Ferndale except in cases of defective records at Mount Hamilton, Berkeley, or Arcata, respectively. Communications regarding readings of seismograms should be addressed to Seismographic Station, University of California, Berkeley 4, California. Readings from the Corvallis Station are sent to the University of California by the courtesy of Dr. H. R. Vinyard, Oregon State College.

| <u>Station</u> | <u>North Latitude</u> | <u>West Longitude</u> | <u>Altitude Meters</u> | <u>Feet</u> | <u>Station Symbol</u> | <u>Present Auspices and Date Established</u> |
|----------------|-----------------------|-----------------------|------------------------|-------------|-----------------------|---|
| Berkeley | 37° 52.3' | 122° 15.6' | 81 | 266 | B, BG* | University of California - 1887 |
| Mt. Hamilton | 37° 20.4' | 121° 38.6' | 1281.7 | 4205 | MH | Lick Observatory 1887 |
| Palo Alto | 37° 25.1' | 122° 10.8' | 83 | 272 | PA | Stanford University - 1927 |
| San Francisco | 37° 46.4' | 122° 27.2' | 100 | 328 | SF | University of San Francisco - 1931 |
| Ferndale | 40° 34' | 124° 16' | 17 | 55 | Fe | City of Ferndale - 1933 |
| Fresno | 36° 46.1' | 119° 47.8' | 88.4 | 290 | F | Fresno State College - 1935 |
| Mineral | 40° 21' | 121° 35' | 1495 | 4906 | M | National Park Service, Lassen Volcanic National Park - 1938 |
| Arcata | 40° 52.6' | 124° 04.5' | 60 | 195 | A | Humboldt State College - 1948 |
| Reno | 39° 32.3' | 119° 48.8' | 1386 | 4546 | R | University of Nevada - 1948 |
| Corvallis | 44° 35.1' | 123° 18.2' | 133 | 405 | C | Oregon State College - 1950 |
| Shasta | 40° 41.7' | 122° 23.3' | 312.4 | 1025 | SH | Bureau of Reclamation - 1942 |

*B denotes readings of short period instruments, BG of long period instruments (12 sec. Galitzin-Wilip).

STATION EQUIPMENT



Berkeley:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.
- 3 - Long-period Galitzin-Wilip.
- 2 - Horizontal-component 100 kg. Bosch-Omori.

Mt. Hamilton:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

Palo Alto:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

San Francisco:

- 2 - Horizontal-component Wood-Anderson torsion.

Ferndale:

- 2 - Horizontal-component 25 kg. Bosch-Omori.

Fresno:

- 3 - Components short-period Sprengnether.

Mineral:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

Arcata:

- 2 - Horizontal-component Wood-Anderson torsion.

Reno:

- 3 - Components short-period Sprengnether.

Corvallis:

- 3 - Components short-period Slichter.

Shasta:

- 3 - Components short-period Benioff.

For all stations, the three components are indicated by N, E, Z. When no letter appears, the phase is read from the vertical component only.

"c" or "d" following a recorded phase indicates compression or dilation of the ground as indicated by the vertical component instrument. N, S, E or W following a recorded phase indicates that the ground motion was in that direction, e.g., W ground motion was west.

"i" (impetus) preceding a phase designates sudden beginning of the motion; "e" (emersio) designates gradual beginning.

Maximum amplitude of earth displacement in microns and period in seconds of the indicated phases are given for the Berkeley station in the columns headed A and T. Combined horizontal amplitude of N and E components are designated by H.

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Jan. 1 | MH | e | 04 48 59.3 | c | |
| | F | eP | 49 04.5 | d | |
| | M | eP | 07.0 | d | |
| | R | eP | 11.2 | d | |
| | SH | e | 05.5 | c | |
| 1 | MH | e | 11 24 08.8 | d | |
| | M | e | 10.9 | c | |
| 2 | MH | e(P) | 03 19 31.1 | d | |
| | F | e(P) | 41.0 | | |
| | M | eP | 00.6 | c | |
| | R | e | 12 | | |
| | SH | eP | 18 55.4 | c | |
| 2 | MH | eP | 11 32 54.9 | d | USCGA: 6°S, 81°W O = 11-23-00 |
| | M | eP | 33 06.5 | c | Near coast of Peru |
| | | e | 34 25.5 | | |
| | R | eP | 32 56.6 | d | |
| | SH | e | 33 24.0 | d | |
| | | e | 34 02.0 | c | |
| 2 | MH | e | 11 50 31.7 | c | |
| 3 | BG | eE | 18 29.9 | | |
| | M | e(P) | 00 20.5 | c | |
| 3 | MH | eP | 21 37 25.2 | d | |
| | | e | 43.9 | d | |
| | M | eP | 40.8 | d | |
| | | e | 59.1 | c | |
| | R | eP | 28.5 | d | |
| 4 | B | eP | 06 53 12.5 | c | USCGS: 48°N, 156°E O = 06-43-15 |
| | MH | eP | 16.3 | d | Kurile Islands |
| | | e | 47.7 | d | |
| | | ePcP | 54 07.3 | d | |
| | F | eP | 53 27.0 | d | |
| | M | eP | 03.9 | d | |
| | | ePcP | 55.6 | c | |
| | R | iP | 15.6 | d | |
| | | eP | 52 59.0 | d | |
| 4 | MH | eP | 09 29 19.1 | c | USCGS: 7°S, 147°E O = 09-15-52 |
| | F | eP | 25.0 | | Near east coast of New Guinea |
| | M | eP | 18.9 | d | |
| | R | eP | 27.6 | | |
| | SH | eP | 17.0 | d | |
| | | ePP | 33 10.04 | c | |
| 4 | MH | e | 11 11 53.5 | d | |
| | M | e | 38.5 | c | |
| | | e | 59.3 | d | |
| 4 | MH | eP | 11 27 59.5 | d | USCGS: About 200 miles northeast of Fiji Islands |
| | F | eP | 28 07.5 | | |
| | M | eP | 08.0 | c | |
| | R | eP | 16 | | |
| | SH | eP | 06.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|-------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 4 | M | eP | 22 47 35.5 | c | USCGS: 51°N, 157 1/2°E |
| | R | e | 41.7 | d | O = 22-38-05 |
| | SH | e(P) | 51.0 | | Near south coast of Kamchatka |
| 5 | MH | eP | 05 01 28.1 | d | USCGS: Komandorskie Islands |
| | | e | 02 59.9 | d | Foreshock. O = 04-52-42 |
| | F | eP | 01 38.8 | c | |
| | M | eP | 12.3 | c | |
| | | i | 55.2 | d | |
| 5 | R | eP | 26.1 | d | |
| | B | eP | 07 56 59.3 | c | USCGS: 54°N, 170°E |
| | | i | 57 04.8 | d | O = 07-48-17 |
| | | i | 11.8 | c | Komandorskie Islands Region |
| | | e(PP) | 58 50.5 | | Felt: Attu |
| | | e | 08 02 25 | | Pas: Magnitude 6 3/4-7 |
| | BG | i(S)NE | 04 03 | | |
| | MH | eP | 07 57 03.2 | c | |
| | | i | 11.2 | d | |
| | | iPP | 58 47.8 | d | |
| | | e | 08 00 42.0 | | |
| | | eSE | 03 55 | | |
| | | eN | 04 11 | | |
| | F | eP | 07 57 14.0 | d | |
| | | i | 22.2 | d | |
| | M | eN | 59 52.5 | | |
| | | eP | 56 47.5 | c | |
| | | i | 53.9 | c | |
| | | e | 08 02 18.8 | d | |
| | | e | 05 26.7 | | |
| | | e | 06 48.6 | | |
| | R | eP | 07 57 00.4 | d | |
| | | i | 08.2 | | |
| | | eSE | 08 04 09.6 | d | |
| | C | eP | 07 56 34 | | |
| | SH | eP | 42.1 | c | |
| 5 | M | e | 08 20 42.4 | c | USCGS: 54°N, 171°E |
| | B | iP | 08 32 23.0 | c | O = 08-23-46 |
| | | iPcP | 33 52.0 | d | Kormandorskie Islands |
| | MH | eP | 32 26.7 | c | Aftershock |
| | | i | 36.2 | d | |
| | | ePP | 34 20.8 | d | |
| | | e | 37 49.7 | | |
| | F | eP | 32 40.0 | d | |
| | M | iP | 13.4 | d | |
| | | i | 21.7 | c | |
| | | iPcP | 33 47.3 | | |
| | | e | 37 40.1 | | |
| | R | iP | 32 26.7 | d | |
| | | e | 33 26.3 | d | |
| | C | eP | 31 45 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Jan. 5 | SH | eP | 32 06.6 | c | |
| | | i | 33 14.8 | | |
| | | e | 37 08.0 | | |
| | | eSN | 38 52.5 | | |
| | | e | 44 09 | | |
| 5 | B | iP | 10 16 22.7 | c | USCGS: 49°N, 156°E O = 10-06-25 |
| | | e | 35.5 | | Kurile Islands |
| | MH | eSNE | 24 23 | c | Pas: Magnitude 6 3/4 |
| | | eP | 16 28.2 | c | |
| | | iPP | 18 25.2 | c | |
| | | ePPP | 19 56.2 | d | |
| | | eSNE | 24 34.5 | | |
| | | eP'P' | 46 06.3 | d | |
| | F | iP | 16 38.2 | c | |
| | | i | 51.2 | d | |
| | | e | 19 00.0 | | |
| | | eSE | 24 54 | | |
| | | eScSN | 26 24 | | |
| | | eP'P' | 45 59.0 | | |
| | M | eP | 16 14.6 | c | |
| | | iPcP | 17 26.7 | | |
| | | e | 19 47.4 | | |
| | | eS | 24 11.4 | | |
| | | eP'P' | 46 05.4 | | |
| | R | iP | 16 26.6 | c | |
| | | e | 37.5 | d | |
| | | ePcP | 17 39.6 | | |
| | | eSNEZ | 24 28.6 | d | |
| | C | eP'P' | 45 52.9 | | |
| | | iP | 15 50 | | |
| | | eSN | 23 17 | | |
| | SH | iP | 16 10.1 | c | |
| | | e | 17 55.8 | d | |
| | | e | 20 18.4 | | |
| | | i | 21 48.9 | d | |
| | | eSNE | 23 59 | | |
| | | eScSN | 25 56 | | |
| 5 | B | iP | 10 26 22.0 | d | USCGS: 49°N, 155 1/2°E O = 10-16-25 |
| | | i | 34.0 | c | Kurile Islands |
| | MH | eP | 26.7 | c | |
| | | i | 50.6 | c | |
| | | e | 27 17.2 | d | |
| | F | eP | 26 37.5 | d | |
| | M | iP | 13.7 | c | |
| | R | eP | 25.6 | c | |
| | SH | iP | 09.3 | c | |
| | | i | 21.7 | c | |
| 5 | M | e | 10 49 40.2 | c | |
| | | e | 50 59.1 | d | |
| 5 | MH | e(P) | 16 13 58.0 | d | USCGS: 49°N, 156°E |
| | SH | e(P) | 24.4 | c | O = 16-03-45. Kurile Islands. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|----------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 5 | MH | eP | 16 28 11.3 | c | USCGS: Komandorskie Islands |
| | M | eP | 27 54.0 | | O = 16-19-20 |
| | R | eP | 28 05.4 | c | |
| | SH | eP | 27 50.7 | c | |
| | MH | e | 22 58 09.7 | c | |
| | R | e(P) | 09.7 | c | |
| 5 | 6 | MH | 01 47 48.0 | c | |
| | | e | 49 42.6 | | |
| | F | eP | 47 58.0 | c | |
| | M | eP | 35.1 | c | |
| | R | eP | 45.0 | c | |
| | SH | iP | 28.9 | c | |
| 6 | M | eP | 10 36 45.0 | d | USCGS: 49°N, 156°E |
| | | e | 57.8 | c | O = 10-27-00. Kurile Islands |
| | SH | eP | 40.8 | d | |
| | | e | 53.0 | d | |
| | | e | 38 06.8 | | |
| 6 | MH | eP | 16 17 18.6 | c | USCGS: 21 1/2°S, 68°W, h = 150 |
| | | ipP | 54.6 | c | O = 16-05-36 |
| | F | e | 18 09.8 | d | Chile-Bolivia Border Region. |
| | | eP | 17 09.4 | d | Felt: Calama |
| | M | epP | 44.8 | c | |
| | | eP | 28.6 | d | |
| | R | epP | 18 03.2 | d | |
| | | e | 25.9 | | |
| | R | eP | 17 20.5 | d | |
| | | epP | 54.1 | d | |
| | SH | eP | 31.5 | d | |
| | | epP | 18 06.8 | d | |
| 6 | MH | eP | 23 31 55.9 | d | USCGS: 9 1/2°N, 83°W |
| | | e | 32 21.9 | d | O = 23-33-43 |
| | | e(PcP) | 33 19.8 | c | Foreshock Costa Rica |
| | F | eP | 34 14.1 | c | |
| | | e(PcP) | 31 45.3 | c | |
| | R | eP | 33 07.0 | d | |
| | | eP | 32 00.1 | | |
| | | e | 30.0 | | |
| | SH | e | 33 35.1 | d | |
| | | e | 35 10.5 | c | |
| 7 | M | eP | 00 14 35.0 | | USCGS: 41 1/2°N, 20 1/2°E |
| | | | | | O = 00-01-27. Albania Foreshock. |
| 7 | M | eP | 01 32 06.0 | d | USCGS: 42°N, 20°E |
| | | e | 51.5 | c | O = 01-18-56. Albania |
| 7 | MH | e(P) | 05 58 19.4 | d | USCGS: 53 1/2°N, 161°E |
| | | i | 27.2 | c | O = 05-48-54 |
| | | i | 41.8 | c | Off east coast of Kamchatka |
| | F | eP | 21.0 | c | |
| | M | eP | 04.5 | d | |
| | | i | 12.3 | d | |
| | | i | 45.6 | c | |
| 5 | M | e | 10 49 40.2 | | |
| | | e | 50 59.1 | | |
| 5 | MH | e(P) | 16 13 58.0 | d | |
| | SH | e(P) | 24.4 | c | |
| | | | | | |
| | R | eP | 17.5 | c | |
| | SH | eP | 57 59.2 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 7 | MH | eP | 12 08 47.1 | d | USCGS: 9 1/2°N, 83°W |
| | | e | 58.6 | d | O = 12-00-30 |
| | F | eP | 40.5 | c | Costa Rica - Several injured. |
| | M | iP | 58.5 | c | Slight property damage |
| 7 | R | e | 11 15.5 | d | |
| | B | eP | 08 53.0 | c | USCGS: 5 1/2°S, 150 1/2°E |
| | | iP | 14 21 30.2 | d | O = 14-08-20 |
| | | i | 46.8 | | New Britain |
| | BG | eREZ | 49.7 | | |
| | MH | i | 21 48.1 | d | |
| | F | eP | 38.5 | c | |
| | M | eP | 32.9 | d | |
| | i | 50.9 | c | | |
| | R | eP | 39.7 | c | |
| | | e | 53.5 | | |
| | SH | ePP | 25 31.0 | c | |
| 8 | MH | eP | 21 30.8 | c | |
| | | iP | 13 17 49.4 | d | |
| | M | i | 58.2 | c | |
| 9 | MH | eP | 16 23 51.9 | c | |
| | R | eP | 41.0 | | |
| 10 | F | e | 02 57 15 | | Pas: 27.5°N, 114.4°W |
| | M | e | 59 39 | | O = 02-52-31, Mag. 5.7 |
| | R | iP | 55 42.4 | | Sierra Vizcaino, Baja California |
| | | e | 53.4 | | USCGS: IV at San Diego, El Cajon, |
| | | eE | 58 46.3 | | Mt. Helix |
| | | eNEZ | 54.8 | | |
| 10 | SH | eP | 56 08 | | |
| | MH | eP | 07 39 14.1 | d | |
| | | e | 54.6 | | |
| | | i | 40 06.7 | d | |
| 10 | MH | eP | 10 09 01.8 | d | USCGS: 51°N, 171 1/2°W |
| | | e | 29.2 | d | O = 10-01-45 |
| | F | eP | 15.0 | d | Fox Islands, Aleutian Islands |
| | M | iP | 08 47.9 | c | |
| | | e | 09 01.4 | c | |
| 10 | R | eP | 01.6 | | |
| 10 | M | eP | 13 49 47.6 | c | |
| | | e | 50 01.7 | c | |
| | | i | 25.0 | | |
| 10 | MH | eP | 14 40 12.2 | d | |
| | F | eP | 19.0 | c | |
| | M | eP | 19.9 | d | |
| | | e | 33.1 | c | |
| | R | eP | 24.9 | | |
| | SH | eP | 19 | | |
| 10 | B | iP | 22 18 38.3 | | Pas: 35°14'N, 118°36'W |
| | | eN | 19 40 | | O = 22-17-38 |
| | MH | eP | 18 29.1 | c | Magnitude 4.0 near Bear Mountain |
| | | iS | 19 11.8 | c | |
| | F | iP | 18 09.9 | c | |
| | | eS | 32.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 10 | M | eP | 19 26.8 | | |
| | R | eNE | 20 27.5 | | |
| | | eP | 19 00.4 | c | |
| | | eS | 57.8 | | |
| 11 | MH | eP | 01 02 53.1 | d | |
| | | e | 03 12.0 | d | |
| | | | 05.2 | d | |
| 11 | MH | eP | 10 33 29.3 | c | |
| | M | e | 12.8 | c | |
| 11 | MH | eP | 15 55 40.9 | c | |
| | F | eP | 46.0 | d | |
| | M | e | 50.2 | c | |
| 11 | MH | eP | 22 04 06.6 | c | |
| | F | eP | 03 52.0 | | |
| | M | eP | 04 16.5 | c | |
| | R | eP | 05.3 | | |
| 11 | B | eP | 22 59 25.4 | | USCGS: 65°N, 133°W |
| | | eSN | 23 04 32 | | O = 22-53-30 |
| | | e | 08 39 | | Yukon, Canada |
| | MH | ePNEZ | 22 59 31.1 | c | |
| | | e(PcP) | 23 02 44.3 | c | Pas: Magnitude 6 1/2 |
| | | eNE | 05 13 | | |
| | | eNE | 09.9 | | |
| | F | iP | 22 59 39.1 | c | |
| | | eSE | 23 04 44 | | |
| | | eN | 09 18 | | |
| | M | iP | 22 59 04.1 | c | |
| | | eSN | 23 03 57 | | |
| | | eE | 05 34 | | |
| | | eNZ | 09 46 | | |
| | R | eP | 22 59 14.5 | | |
| | | e | 40.8 | | |
| | | eN | 23 03 41.0 | | |
| | | eN | 56.9 | | |
| | | e | 05 43.5 | | |
| | | eREZ | 06.5 | | |
| | C | iP | 22 58 21 | | |
| | | eS | 23 02 29 | | |
| | SH | ePNZ | 22 59 00 | | |
| | | e | 23 02 35 | | |
| | | eE | 03 28.5 | | |
| 12 | MH | eP | 03 22 43.1 | c | |
| | | e | 23 16.5 | d | |
| | | | 22 59.6 | d | |
| 12 | MH | eP | 05 46 17.4 | d | USCGS: 53°N, 161 1/2°E |
| | F | eP | 31.0 | | O = 05-36-53 |
| | M | e | 23.8 | | Near east coast of Kamchatka |
| 12 | MH | eP | 12 42 02.2 | c | |
| | M | eP | 04.9 | | |
| 12 | MH | e(P) | 12 52 52.0 | c | |
| | M | e | 54 50.0 | d | |
| | M | e(P) | 52 37.6 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|--------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Jan. 12 | B | eP | 17 33 24.0 | d | USCGS: 49 1/2°N, 156°E h = 60 |
| | i | | 29.1 | d | O = 17-23-39 |
| | ipP | | 41.3 | d | Kurile Islands |
| | isNEZ | | 41 23 | NE | Pas: Magnitude 6 3/4-7 |
| | isSN | | 52 | | |
| | eSSE | | 45 18 | | |
| | iNE | | 47 47 | | |
| | eRNEZ | | 50.4 | | |
| | | A T | | | |
| | PZ | | 2.8 5 | | |
| | SH | | 33 17 | | |
| | MH | eP | 17 33 29.5 | d | |
| | i | | 50.9 | d | |
| | i | | 34 58.7 | d | |
| | e | | 36 29.5 | d | |
| | F | eP | 33 42.3 | d | |
| | e | | 34 02.8 | d | |
| | e | | 20.5 | c | |
| | M | eSE | 41 52 | c | |
| | iP | | 33 26.2 | c | |
| | e(S)EZ | | 41 16 | | |
| | R | ePEZ | 33 30.4 | | |
| | ipP | | 45.7 | c | |
| | eEZ | | 34 34.4 | d | |
| | ipPE | | 35 28 | | |
| | C | eP | 32 46 | | |
| | eL | | 48 15 | | |
| | SH | eP | 33 11.5 | d | |
| | ipP | | 28.9 | c | |
| | iE | | 49.9 | | |
| | eSE | | 40 54 | | |
| | esSNE | | 41 24 | | |
| | eN | | 42 58 | | |
| | eN | | 43 28 | | |
| 13 | M | eP | 02 02 45.0 | d | USCGS: 20°N, 108°W |
| | e | | 52.1 | d | O = 01-57-30 |
| | R | ePNEZ | 31.2 | | Revilla Giridi Islands Region |
| | e(PP)E | | 03 04.5 | | |
| 14 | MH | e | 13 06 00.4 | c | USCGS: 52 1/2°N, 159 1/2°E |
| | M | eP | 05 37.1 | d | O = 12-56-17. Near east coast of Kamchatka |
| 14 | MH | e | 21 06 30 | c | USCGS: Solomon Islands |
| | M | e | 29 | d | O = 20-53-28 |
| 15 | MH | ip | 08 20 47.0 | c | USCGS: 53°N, 159°E |
| | i | | 21 12.8 | d | O = 08-11-09 |
| | e | | 49.9 | | Near east coast of Kamchatka |
| | F | eP | 20 57.7 | c | |
| | M | ip | 32.1 | c | |
| | i | | 21 41.8 | d | |
| | R | eP | 20 43.1 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 15 | B | eP | 12 11 26.0 | | Magnitude 5-5 1/2 |
| | i | | 34.0 | | USCGS: 19°N, 156°W |
| | EG | eSN | 16.7 | | O = 12-04-33 |
| | eQNE | | 18.6 | | Near southwest coast of Hawaii, T.H. |
| | eREZ | | 19.9 | | Felt, Oahu and Hawaii |
| | B | eT | 46 17 | | |
| | | A T | | | |
| | MH | MAX H | 8.3 9 | | |
| | i | | 36.1 | | |
| | ePP | | 12 47.8 | c | |
| | eT | | 46 25.5 | | |
| | F | eP | 11 41.5 | c | |
| | e | | 59.2 | d | |
| | M | eP | 38.8 | c | |
| | i | | 48.6 | d | |
| | eT | | 46 59.0 | | |
| | R | eP | 11 48.5 | | |
| | eN | | 12 21.2 | | |
| 15 | MH | eP | 18 20 30.7 | c | |
| | M | eP | 16.6 | c | |
| | R | eP | 28.9 | | |
| 17 | MH | e | 10 43 53.5 | c | |
| | F | eP | 58.7 | c | |
| | M | e | 44 03.8 | c | |
| 17 | B | iP | 17 39 42.5 | d | USCGS: 50 1/2°N, 155°E, h = 150, |
| | e | | 57 | | O = 17-30-03 |
| | MH | eP | 40 12.0 | | Kurile Islands |
| | i | | 39 46.9 | c | |
| | F | eP | 40 11.6 | c | |
| | epP | | 39 57.5 | c | |
| | M | iP | 40 27.2 | d | |
| | epP | | 39 33.2 | c | |
| | iP | | 40 01.6 | d | |
| | ePP | | 41 36.6 | d | |
| | R | eP | 39 44.7 | c | |
| | eNE | | 40 59.1 | | |
| | SH | eN | 39 39.7 | | |
| 18 | MH | eP | 18 17 38.3 | c | USCGS: 53 1/2°N, 160 1/2°E |
| | e | | 54.1 | d | O = 18-08-10 |
| | SH | i | 18 41.3 | c | Near east coast of Kamchatka |
| | F | eP | 17 49.0 | d | |
| | e | | 18 07.0 | c | |
| | e | | 20 19.0 | c | |
| | M | eP | 17 23.2 | c | |
| | i | | 42.3 | d | |
| | R | eP | 35.4 | | |
| | SH | e | 53.1 | | |
| | eN | | 18.8 | d | |
| | e | | 37.7 | | |
| | | | 40.4 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Jan. 19 | B | eP | 01 13 36.5 | | Baja California Pas: 27.5°N, 114.4°W O = 01-10 |
| | | e | 52 | | Aftershock of Jan. 10 at 02-52 |
| | | e | 14 22 | | |
| | | i | 33.5 | | |
| | BG | eE | 53 | | |
| | MH | e | 13 24.5 | d | |
| | | i | 40.7 | d | |
| | F | eN | 14 05 | | |
| | | eP | 13 04.0 | | |
| | | iE | 26.0 | | |
| | M | e | 14 04.6 | d | |
| | | eNE | 15 25 | | |
| | R | eEZ | 14 52 | | |
| | SH | e | 15 42 | | |
| 19 | B | e | 05 08 42.5 | | USCGS: 42°N, 143°E O = 04-57-22 |
| | | i | 56.2 | | |
| | BG | eSNE | 17 35 | | Near southeast coast of |
| | | eREZ | 32.0 | | Hokkaido, Japan. Felt |
| | MH | eP | 08 34.9 | d | |
| | | e | 44.1 | d | |
| | F | e | 09 07.4 | d | |
| | | eP | 08 44.0 | d | |
| | | e | 54.5 | c | |
| | M | eP | 23.9 | d | |
| | R | eP | 43.6 | | |
| | SH | eP | 20.1 | d | |
| 19 | MH | eP | 05 52 11.1 | c | |
| | | e | 35.0 | d | |
| | M | eP | 51 56.5 | d | |
| 19 | F | eP | 15 00 14.0 | c | |
| | | e | 30.5 | c | |
| | M | eP | 08.3 | c | |
| | SH | eP | 06.5 | c | |
| 19 | B | eP | 19 03 09 | | |
| | M | iP | 05.6 | c | |
| | F | e | 39.2 | d | |
| | | eP | 02 50.0 | c | |
| | | e | 03 05.2 | d | |
| | | e | 06 18.0 | d | |
| | M | eP | 03 32.3 | c | |
| | | e | 56.2 | d | |
| | R | eP | 23.3 | d | |
| | | e | 06 46.1 | | |
| 20 | M | eP | 02 04 40.1 | d | |
| 20 | B | eP | 02 49 02 | | USCGS: 19 1/2°S, 169°E O = 02-36-22 |
| | | i | 13.9 | c | Loyalty Islands |
| | MH | iP | 06.0 | c | |
| | | e | 14.6 | d | |
| | F | ePP | 52 26.6 | | |
| | | eP | 49 10.5 | c | |
| | | e | 51 08.0 | | |
| | | ePP | 52 29.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Jan. 20 | M | eP | 49 12.5 | c | |
| | R | e | 46.0 | d | |
| | SH | eE | 16.7 | | |
| | | eP | 10.0 | d | |
| 20 | MH | iP | 05 24 05.2 | d | |
| | | e | 15.2 | d | |
| | | e | 30.2 | d | |
| | M | eP | 19.2 | c | |
| 20 | B | eP | 08 14 19.0 | | USCGS: IV at Tehachapi, Calif. Pas: 35°19'N, 118°20'W O = 08-13-22. Magnitude 4.0 |
| | | IS | 15 09.0 | | |
| | MH | eP | 14 13.1 | c | |
| | | i | 22.8 | d | |
| | | eSNE | 53 | | |
| | | i | 54.8 | | |
| | | i | 15 05.4 | | |
| | F | iPNZ | 13 53.2 | c | |
| | | i | 14 00.3 | c | |
| | | IS | 13.8 | | |
| | | INE | 15 | | |
| | M | INEZ | 16 06 | | |
| | R | eP | 14 44.9 | | |
| 20 | MH | e(P) | 09 51 38.9 | d | USCGS: 9 1/2°N, 79 1/2°W O = 09-43-09 Panama. Felt |
| | | i | 41.7 | c | |
| | | i | 52.6 | d | |
| | M | eP | 43.8 | d | |
| | R | eP | 39.8 | d | |
| 20 | B | iP | 10 23 53.3 | c | USCGS: 11 1/2°S, 165°E O = 10-11-23 Santa Cruz Islands |
| | MH | iP | 55.0 | c | |
| | | e | 24 04.4 | d | |
| | F | eP | 00.5 | d | |
| | M | eP | 00.5 | d | |
| 20 | BG | eREZ | 18 24 | | USCGS: 1 1/2°N, 126°W O = 17-33-06 Molucca Passage Pas: Magnitude 6 1/2 |
| | MH | eP | 17 47 26.0 | d | |
| | | e | 48 05.1 | d | |
| | | e | 50 33.4 | d | |
| | | ePP | 51 46.5 | d | |
| | F | eP | 47 28.0 | c | |
| | | e | 51 03 | | |
| | | e(PP) | 52 01 | | |
| | | e | 18 02 04 | | |
| | | ePKKP | 37 | | |
| | M | iP | 17 47 21.3 | c | |
| | R | e(P) | 49.9 | d | |
| | | eN | 52 02.5 | | |
| | | ePP | 07.6 | | |
| | | e(S)E | 59 38.6 | | |
| | | e | 40.5 | | |
| | SH | eP | 47 18.5 | | |
| | | e(P') | 51 30 | | |
| | | ePP | 52 06 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|-------|------------|------------|-------------------|--|
| 1953 | | | h. m. s. | | |
| Jan. 21 | B | iP | 01 52 43.2 | c | USCGS: 50°N, 156°E, h = 60 O = 01-43-00 |
| | BG | ipP | 55.5 | | Kurile Islands |
| | eSNE | 02 00.7 | | | |
| | eREZ | 09.6 | | | |
| | MH | iP | 01 52 48.5 | c | |
| | i(pP) | 53 03.5 | d | | |
| | ePP | 55 05.5 | d | | |
| | F | iP | 52 58.6 | c | |
| | ipP | 53 11.0 | d | | |
| | ePP | 55 12 | d | | |
| | M | eP | 52 33.9 | d | |
| | ipP | 46.4 | c | | |
| | ePP | 54 48.1 | c | | |
| | R | eP | 52 47.6 | c | |
| | epPEZ | 58.6 | | | |
| | eS | 02 00 44.3 | | | |
| | SH | eP | 01 52 24.3 | c | |
| | i | 29.3 | d | | |
| | i | 40.3 | d | | |
| 21 | MH | eP | 09 36 44.9 | c | USCGS: 52 1/2°N, 159°E O = 09-27-12 |
| | e | 37 02.4 | c | | Near southeast coast of Kamchatka |
| | e | 40.9 | d | | |
| | F | e | 13.0 | | |
| | M | eP | 36 34.6 | c | |
| | e | 48.0 | c | | |
| 22 | M | eP | 21 46 36.7 | c | |
| | i | 52.4 | d | | |
| 23 | MH | eP | 08 40 25.5 | c | |
| | M | eP | 35.7 | d | |
| | R | eP | 29.4 | | |
| 23 | B | iP | 09 39 46.7 | c | Depth about 550 |
| | MH | iP | 47.6 | c | USCGS: 17 1/2°S, 177 1/2°E |
| | epP | 41 44.2 | c | O = 09-27-40 | |
| | F | eP | 39 51.8 | c | Fiji Islands |
| | epP | 41 49.0 | | | |
| | M | eP | 39 56.1 | c | |
| | epP | 41 53.7 | d | | |
| | R | eP | 40 00.3 | | |
| | e | 23.3 | | | |
| | epP | 42 01.7 | | | |
| 23 | MH | eP | 11 42 09.5 | | |
| | F | eP | 15.8 | | |
| 24 | C | iP | 21 00 27 | | |
| 24 | MH | eP | 22 46 57.6 | c | USCGS: 58°N, 158°E |
| | M | eP | 35.8 | c | O = 22-37-20 |
| | | | | Central Kamchatka | |
| 25 | MH | e | 11 55 03.8 | c | USCGS: 51 1/2°N, 160°E |
| | F | e | 08.5 | | O = 11-45-17 |
| | M | e | 00.7 | c | Off southeast coast of Kamchatka |
| | i | 26.2 | c | | |
| | i | 57 52.4 | c | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 25 | MH | e | 15 51 17.6 | c | |
| | | e | 52 15.2 | d | |
| | F | eP | 51 23.0 | | |
| | M | e | 24.2 | c | |
| 25 | B | eP | 19 56 31.0 | | USCGS: 19°N, 73 1/2°W |
| | | eQE | 20 07.5 | | O = 19-47-58 |
| | | en | 13.8 | | Off west coast of Haiti |
| | | ee | 15.3 | | |
| | | eREZ | 17.8 | | |
| | MH | eP | 19 56 25.7 | c | |
| | F | eP | 12.5 | c | |
| | M | e | 29.4 | d | |
| 26 | MH | e | 01 56 20.1 | c | |
| | | e | 35.8 | d | |
| 26 | B | eP | 05 12 10.5 | | USCGS: 52 1/2°N, 159°E |
| | | e | 23.0 | | O = 05-02-35 |
| | MH | eP | 15.5 | c | Near southeast coast of Kamchatka |
| | i | 27.9 | c | | |
| | IPcP | 13 16.1 | d | | |
| | F | eP | 12 26.1 | c | |
| | M | IP | 00.7 | c | |
| | i | 13.1 | c | | |
| | ePP | 13 59.8 | d | | |
| | R | ePEZ | 12 12.7 | c | |
| | | enZ | 39.7 | | |
| | SH | IP | 11 55.9 | c | |
| | | eP | 27.4 | c | |
| | M | eP | 03.7 | c | |
| | e | 13.0 | d | | |
| 27 | B | e | 03 22 29 | | Overlaps next shock. |
| | BG | eSNE | 29 45 | | USCGS: 52°N, 159 1/2°E |
| | | eQN | 35.3 | | O = 03-12-55 |
| | MH | eP | 22 31.4 | c | Off east coast of Kamchatka |
| | e | 53.3 | d | | |
| | epP | 23 41.8 | d | | |
| | F | eP | 22 45.0 | | |
| | M | eP | 16.8 | c | |
| | i | 32.1 | d | | |
| | i | 23 01.6 | d | | |
| | R | e | 22 36.1 | | |
| | | eE | 26 38 | | |
| | | eE | 29 19 | | |
| 27 | SH | eP | 22 12 | | |
| | B | eP | 03 38 01.5 | | USCGS: 4 1/2°S, 153°E |
| | | e | 28.5 | | O = 03-25-02 |
| | | e | 41 30.5 | | New Britain Region |
| | BG | eN | 04 04.3 | | |
| | | e | 05.3 | | |
| | MH | eP | 03 38 01.3 | d | |
| | i | 22.4 | c | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|----------------------------------|---------------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 27 | | e | 36.5 | | |
| | | e | 41 07.4 | c | |
| | F | ePP | 33.8 | d | |
| | | i | 42.1 | d | |
| | F | e | 38 32.7 | c | |
| | M | e(PP) | 41 53.5 | c | |
| | M | eP | 38 04.2 | d | |
| | | e | 14.4 | d | |
| | R | i | 36.8 | c | |
| | R | i | 59.3 | d | |
| | | eP | 09.2 | | |
| | | e | 34.1 | | |
| | SH | eP | 01.0 | | |
| | | e | 25.6 | c | |
| | 27 | MH | ePP | 41 37.6 | |
| | MH | eP | 04 16 06.2 | d | Phases of this shock mixed with coda |
| | | i | 22.9 | c | of a small shock in southern Sierra |
| | M | i | 08.3 | c | Nevada, California. |
| | M | e | 17.9 | d | USCGS: 52°N, 160°E |
| | SH | eP | 15 47.5 | | 0 = 04-06-24 |
| | | | | Off southeast coast of Kamchatka | |
| 27 | MH | e | 08 27 57.7 | d | |
| | F | e | 28 15 | c | |
| | M | e | 27 43.9 | d | |
| | R | e | 28 01.3 | | |
| 27 | M | iP | 17 24 37.6 | c | |
| | | e | 25 33.2 | c | |
| 28 | B | eP | 12 39 16.0 | | USCGS: 20°S, 169 1/2°E |
| | MH | eP | 16.9 | d | 0 = 12-26-29 |
| | F | eP | 21.7 | | Loyalty Islands |
| | M | e | 42 52.2 | | |
| | M | iP | 39 24.1 | c | |
| | R | eP | 28.2 | | |
| | SH | eP | 21.5 | | |
| 29 | MH | eP | 03 35 40.2 | c | |
| | M | e | 10.3 | d | |
| | C | iP | 34 47 | | |
| 29 | MH | eP | 08 39 12.3 | c | San Francisco office of U. W. Weather |
| | | e | 39.0 | c | Bureau reports this shock felt at |
| | F | eP | 03.5 | | sea as a submarine disturbance last- |
| | M | eP | 23.2 | c | ing one minute at 0830 GCT, 6.34°N, |
| | | ePP | 41 15.7 | | 85.25°W. |
| | R | eP | 39 14.2 | | USCGS: 7°N, 82 1/2°W |
| | | e | 25.0 | | 0 = 08-30-38. Off coast of Panama. |
| 29 | B | eP | 09 31 53.0 | c | |
| | MH | eP | 54.2 | | |
| | F | eP | 32 42.1 | | |
| | M | eP | 04.0 | | |
| | R | eP | 31 39.4 | c | |
| | SH | eP | 51.0 | | |
| | | e | 33.5 | | |
| | | e | 32 21.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Jan. 29 | MH | e | 19 25 07.3 | d | |
| | M | e | 50.2 | c | |
| | SH | e | 46.0 | | |
| | 30 | MH | 02 44 29.4 | c | |
| | M | iP | 23.8 | c | |
| | SH | eP | 20.2 | c | |
| | 30 | M | 02 59 45.1 | c | USCGS: Tonga Islands Region. |
| | | e | 03 00 20.3 | d | 0 = 02-47-25 |
| | 30 | MH | 15 40 19.0 | c | USCGS: 52°N, 158 1/2°E |
| | | eP | 41 18.1 | d | 0 = 15-30-40 |
| | | | 40 30.1 | | Near southeast coast of Kamchatka |
| | | | 04.7 | c | |
| | | iPcP | 41 14.9 | c | |
| | 30 | MH | 18 55 23.6 | c | |
| | M | i | 18.1 | c | |
| | 30 | M | 21 38 06.4 | | |
| | | e | 37 45.5 | c | |
| | 30 | B | 21 59 08.5 | c | USCGS: 12°S, 166 1/2°E, h = 100, |
| | | i | 12.9 | c | 0 = 21-46-50 |
| | | i | 36.9 | c | Santa Cruz Islands |
| | | e | 22 00 55.0 | | |
| | | ePP | 02 28 | | |
| | | eSNE | 09 26 | | |
| | | eEZ | 10 16 | | |
| | | eNE | 13.9 | | |
| | | iSSNE | 14 53 | | |
| | | eQN | 20.4 | | |
| | | eREZ | 24.5 | | |
| | | MH | 21 59 10.6 | c | |
| | | i | 14.9 | c | |
| | | i | 42.1 | d | |
| | | i | 22 00 27.3 | d | |
| | | ePP | 02 26.7 | c | |
| | | eP'P' | 25 42.8 | c | |
| | | F | 21 59 16.0 | c | |
| | | e | 20.2 | c | |
| | | e | 22 01 08 | | |
| | | eP'P' | 25 40.0 | | |
| | | M | 21 59 15.5 | c | |
| | | i | 20.3 | d | |
| | | i | 22 00 42.9 | c | |
| | | ePP | 02 33.3 | d | |
| | | e | 03 00.3 | c | |
| | | ePKKP | 16 28.5 | | |
| | | eP'P' | 25 31.1 | | |
| | | R | 21 59 21.3 | | |
| | | eNEZ | 25.8 | | |
| | | eNEZ | 40.9 | | |
| | | eEZ | 22 00 05.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Feb. 4 | MH | e | 11 05 22.2 | d | USCGS: 37 1/2°N, 19 1/2°W, O = 10-53-07 |
| | M | eP | 04 48.0 | d | North Atlantic Ocean |
| | | e | 05 07.9 | c | |
| | | ePP | 07 34.3 | c | |
| | SH | eP | 04 48.0 | d | |
| | | e | 05 19.0 | c | |
| 4 | MH | eP | 12 46 41.2 | c | |
| | F | eP | 33.0 | c | |
| | M | iP | 39.9 | c | |
| | SH | eP | 41.9 | c | |
| 4 | MH | e | 18 51 25 | c | USCGS: 48°N, 157°E |
| | M | eP | 18.0 | c | O = 18-41-33. Kurile Islands |
| | | i | 38.5 | c | |
| | SH | eP | 11.4 | c | |
| 5 | B | eP | 11 56 52.9 | c | USCGS: 14°S, 176°W |
| | | e | 57 02 | c | O = 11-45-23 |
| | MH | eP | 56 54.2 | c | Fiji Islands Region |
| | | i | 57 08.8 | d | |
| | | e | 58 07.2 | c | |
| | F | eP | 56 59.5 | c | |
| | | e | 58 12.0 | c | |
| | M | eP | 57 03.6 | c | |
| | | i | 09.3 | d | |
| | | i | 15.5 | c | |
| | R | eP | 08.0 | c | |
| | SH | iP | 02.1 | c | |
| | | e | 07.7 | d | |
| | | e | 58 20.5 | c | |
| 5 | MH | eP | 21 48 08.8 | c | |
| 6 | MH | eP | 05 43 00.5 | c | USCGS: 51°N, 159°E |
| | | i | 16.6 | d | O = 05-33-22 |
| | | ePcP | 44 06.9 | d | Near southeast coast of Kamchatka |
| | F | eP | 43 11.4 | c | |
| | M | eP | 42 45.9 | d | |
| | | i | 43 04.9 | c | |
| | R | eP | 42 58.3 | c | |
| | | e | 43 05.5 | c | |
| | SH | eP | 42 41.5 | c | |
| | | e | 46.6 | d | |
| | | i | 58.8 | c | |
| 6 | C | eP | 06 23 36 | | |
| 6 | M | i | 07 05 25.4 | d | |
| 6 | M | e | 09 45 30.0 | | |
| 6 | SH | eP | 28.5 | | |
| 6 | M | eP' | 12 47 39.2 | c | USCGS: Near Karachi, Pakistan |
| | | e | 48 18.7 | d | Felt. O = 12-48-45 |
| | | i | 34.6 | c | |
| | | e | 59 59.6 | c | |
| 6 | B | eP | 13 24 04.5 | | USCGS: 42 1/2°N, 143 1/2°E |
| | | e | 13.5 | | O = 13-12-59 |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Feb. 6 | BG | iSNE | 33 05 | | |
| | | eE | 36 58 | | Near southeast coast of |
| | | e(SS)N | 37 12 | | Hokkaido, Japan |
| | | eQNE | 40.8 | | |
| | | eE | 42.2 | | |
| | | ERNEZ | 44.6 | | |
| | MH | i | 24 11.3 | c | |
| | | i | 19.5 | d | |
| | F | i | 25 06.8 | c | |
| | | eP | 24 17.7 | d | |
| | | i | 29.8 | d | |
| | M | eP | 23 55.8 | d | |
| | | i | 24 09.3 | d | |
| | R | ePEZ | 25 11.8 | c | |
| | | | 24 06.3 | | |
| | | eEZ | 19.0 | | |
| | | enZ | 59.1 | | |
| | | eSNEZ | 33 10.0 | | |
| | SH | eP | 23 52.5 | c | |
| | | i | 24 03.5 | d | |
| | | e | 25 33 | | |
| | | eSE | 32 42.5 | | |
| 6 | MH | eP | 19 22 03.8 | c | USCGS: 52°N, 158°E |
| | F | eP | 15.8 | c | O = 19-12-25 |
| | M | eP | 21 51.1 | c | Near southeast coast of Kamchatka |
| | | e | 22 05.5 | d | |
| | R | eP | 02.9 | | |
| | SH | eP | 21 46.6 | c | |
| | | e | 58.5 | c | |
| 6 | M | eP | 19 50 34.3 | d | |
| | | e | 48.9 | d | |
| | SH | eP | 37.0 | c | |
| 7 | M | eP | 14 05 02.2 | c | |
| 7 | MH | eP | 16 22 36.8 | c | |
| | | e | 41.1 | c | |
| | M | eP | 44.9 | c | |
| | | e | 56.0 | d | |
| 7 | B | iP | 18 33 07.7 | c | USCGS: 49°N, 156°E |
| | | i | 18.5 | c | O = 18-23-12 Kurile Islands |
| | BG | iSE | 41 07 | | |
| | | eN | 12 | | |
| | | eSSNE | 46.2 | | |
| | | eQNE | 47.3 | | |
| | | eRNEZ | 51.8 | | |
| | MH | eP | 33 10.5 | d | |
| | | e | 25.3 | d | |
| | F | eP | 35 03.0 | d | |
| | M | eP | 33 21.1 | c | |
| | | i | 32 56.6 | c | |
| | R | eP | 33 10.0 | c | |
| | | i | 34 06.6 | c | |
| | | eEZ | 33 08.0 | | |
| | | | 27.4 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Feb. 7 | | eE | 34 13.1 | | |
| | | eN | 37 06.7 | | |
| | | eSNZ | 41 11.5 | | |
| | C | e | 44 08 | | |
| | SH | eP | 32 27 | | |
| | | | 52.1 | c | |
| | | e | 33 05.5 | c | |
| 7 | M | eP | 22 44 49.0 | d | USCGS: 35 1/2°N, 24 1/2°E O = 22-31-08. Crete |
| | | e | 56.9 | d | |
| 9 | MH | i(P) | 03 23 09.0 | c | USCGS: 30 1/2°S, 177 1/2°W O = 03-10-28 |
| | F | eP | 10.5 | d | |
| | | e | 26.0 | c | Kermadec Islands |
| | M | eP | 16.5 | d | |
| | SH | eP | 15.5 | | |
| 9 | M | e | 03 38 23.9 | c | |
| | SH | eP | 22.5 | | |
| | | eZ | 39 19.2 | c | |
| 9 | MH | i | 14 59 43.1 | c | USCGS: 53°N, 160°E. O = 14-59-12 |
| | F | eP | 59.5 | | |
| | M | i | 40.4 | d | Near east coast of Kamchatka |
| | R | eE | 56.5 | | |
| | SH | eP | 23.1 | | |
| 9 | B | iP | 21 39 47.0 | d | USCGS: 52 1/2°N, 169°W O = 21-32-36 |
| | BG | eSE | 44.2 | | |
| | | eQNE | 48.1 | | Fox Islands, Aleutian Islands |
| | | eR | 49.8 | | |
| | MH | e | 39 42.7 | d | |
| | | e | 51.6 | c | |
| | | i | 59.7 | d | |
| | F | e(PP) | 41 16.6 | c | |
| | | eP | 39 57.9 | | |
| | | e | 40 20.5 | c | |
| | M | ePcP | 42 03.5 | | |
| | | iP | 39 36.0 | d | |
| | | i | 44.1 | d | |
| | R | e | 40 08.7 | d | |
| | | ePEZ | 39 50.5 | | |
| | | e | 40 21.8 | | |
| | | eEZ | 54.8 | | |
| | | eNE | 42 27 | | |
| | | eE | 45 24 | | |
| | | eN | 50.9 | | |
| | SH | eP | 39 22.5 | | |
| | | i | 30.5 | c | |
| 10 | MH | e | 01 24 41.6 | c | USCGS: 43°N, 145°E O = 01-13-19 |
| | SH | eP | 02.5 | c | Near east coast of Hokkaido, Japan |
| 10 | B | iP | 08 05 30.6 | c | USCGS: 52°N, 169°W O = 07-58-29 |
| | BG | eSE | 55.9 | | |
| | | eN | 11.1 | | Fox Islands, Aleutian Islands |
| | | | 14.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|------------------------|
| 1953 | | | h. m. s. | | |
| Feb. 10 | MH | eP | 05 36.9 | d | |
| | | i | 54.2 | c | |
| | F | i | 06 02.4 | c | |
| | M | eP | 05 50.5 | c | |
| | | | 21.0 | d | |
| | | i | 49.2 | d | |
| | R | i(PP) | 06 01.3 | c | |
| | | eP | 38.6 | c | |
| | | e | 05 35.6 | | |
| | C | eE | 54.6 | | |
| | SH | e | 06 19.1 | | |
| | | eP | 04 42 | | |
| 10 | MH | eP | 05 15.7 | d | |
| | | e | 31.2 | d | |
| | F | eP | 13 50 57.0 | c | USCGS: Loyalty Islands |
| | M | e | 51 26.0 | d | O = 13-38-10 |
| | | | 01.5 | c | |
| | SH | eP | 03.3 | c | |
| 10 | MH | eP | 01.8 | c | |
| | F | eP | 14 04 55.1 | d | |
| | M | e | 58.1 | c | |
| | SH | eP | 05 00.3 | c | |
| | B | eP | 04 58.3 | c | |
| 10 | B | eP | 14 10 24.7 | | USCGS: Loyalty Islands |
| | MH | eP | 24.8 | d | O = 13-57-41 |
| | F | iP | 31.9 | c | |
| | M | e | 46.0 | c | |
| | | iP | 32.6 | c | |
| | | i | 41.3 | d | |
| | R | e | 53.9 | d | |
| | SH | eP | 37.6 | | |
| | B | eP | 30.0 | c | |
| 10 | B | eP | 17 25 26.0 | | |
| | MH | iP | 26.9 | c | |
| | | e | 59.9 | c | |
| | F | eP | 31.0 | c | |
| | M | iP | 35.3 | c | |
| | R | ePEZ | 39.8 | | |
| | SH | eP | 34.0 | c | |
| 11 | MH | e | 12 33 30.4 | d | |
| | M | eP | 22.4 | d | |
| | | e | 31.8 | c | |
| | SH | eP | 18.0 | | |
| 12 | MH | e | 01 33 14.4 | d | USCGS: Yukon Foresight |
| | | e | 34 13.9 | c | O = 01-27-18 |
| | M | e | 32 55.6 | d | |
| | | e | 33 25.9 | c | |
| | | e | 36 00.3 | d | |
| 12 | B | eP | 02 15 26 | | |
| | | e | 32.5 | | |
| | MH | eP | 28.9 | d | |
| | M | eP | 41.6 | d | |
| | SH | eP | 46.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Feb. 12 | BG | eLE | 04 47.9 | | |
| | MH | eP | 37 13.7 | c | USCGS: 65°N, 133°W O = 04-31-16 |
| | | e | 39 05.4 | c | Yukon, Canada |
| | F | eP | 37 26.0 | d | |
| | M | eP | 36 51.5 | c | |
| | | e | 37 53.2 | c | |
| | R | eP | 38 26.9 | d | |
| | C | eN | 37 01.3 | | |
| | | eP | 46 51 | | |
| | SH | eP | 36 11 | | |
| | | | 48.5 | | |
| 12 | M | e | 08 20 38.0 | d | |
| | | e | 45.2 | d | |
| 12 | B | e | 08 34 30.6 | d | USCGS: 35°N, 54 1/2°E, O = 08-15-29 |
| | BG | eNZ | 36 31 | | Northern Iran, heavy casualties and |
| | | e(SKS)N | 40 33 | | extensive property damage. |
| | B | e | 41 03.8 | c | Pas. Mag. 7 |
| | BG | ePSN | 43 27 | | |
| | | eNZ | 44 41 | | |
| | B | e(PKKP) | 45 26 | | |
| | BG | eSSN | 50.0 | | |
| | | eN | 54.3 | | |
| | MH | e(PP) | 34 17.6 | d | |
| | F | e | 08 | | |
| | | e | 36 44 | | |
| | | e | 46 05.5 | | |
| | M | eN | 49 27 | | |
| | | eP | 29 39.6 | c | |
| | | e(P') | 33 22.9 | c | |
| | R | e(P') | 21 | | |
| | | e(PKKP) | 45 07 | | |
| | SH | e | 32 14 | | |
| | | e | 33 43 | | |
| | | e | 45.5 | | |
| 12 | MH | e | 09 29 47.4 | c | |
| | | e | 30 05.2 | c | |
| | M | e | 29 27.8 | d | |
| | | e | 43.3 | d | |
| | | i | 30 16.7 | c | |
| | SH | e | 29 12.3 | d | |
| | | i | 23.3 | c | |
| 12 | MH | i | 09 54 48.5 | d | |
| | M | e | 26.5 | d | |
| | R | e | 55 01 | | |
| | SH | eP | 54 18.0 | c | |
| 12 | MH | e | 10 02 21.3 | c | USCGS: New Hebrides Is. |
| | M | e | 01 52.8 | c | O = 10-41-23 |
| | SH | eP | 42.5 | | |
| 12 | SH | i | 22 22 50.3 | c | |
| 13 | F | eP | 10 54 12.5 | c | |
| | M | eP | 14.7 | c | |
| | SH | eP | 13.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Feb. 13 | MH | e | 13 47 51.6 | c | |
| | M | e | 28.7 | c | |
| | R | e | 45.5 | | |
| | SH | e | 31.0 | c | |
| 13 | B | eP | 21 59 57.0 | d | |
| | MH | eP | 57.9 | d | |
| | F | eP | 22 00 01.0 | d | |
| | M | eP | 06.8 | d | |
| | SH | eP | 06.3 | d | |
| 14 | F | eP | 08 57 02.0 | | USCGS: Dodecanese Islands. O = 08-43-10 |
| | M | eP | 56 49.1 | c | |
| | SH | eP | 47.5 | c | |
| | | eSKSNE | 09 07 17 | | |
| 14 | MH | e | 16 54 43.9 | c | |
| | M | e | 31.6 | c | |
| | SH | e(P) | 15 | | |
| 14 | B | iP | 22 00 20.6 | d | USCGS: 18 1/2°N, 146°E h = 60. O = 21-48-12 |
| | | i | 34.4 | c | Marianas Islands |
| | | i | 52.0 | c | |
| | | e | 02 08.5 | c | Pas. Magnitude 6 3/4 |
| | BG | iSE | 10 17 | | |
| | | eNZ | 20 | | |
| | | eE | 12 32 | | |
| | | eSSN | 15 55 | | |
| | | eQN | 21.5 | | |
| | | eREZ | 24.1 | | |
| | MH | iP | 00 23.7 | d | |
| | | i | 31.8 | d | |
| | | i | 01 12.7 | d | |
| | F | eP | 00 32.3 | d | |
| | | e | 41.0 | d | |
| | | e | 01 05.0 | c | |
| | | ePP | 03 35.0 | c | |
| | | eSNEZ | 10 40 | | |
| | M | iP | 00 19.4 | d | |
| | | i | 24.8 | d | |
| | | e | 02 37.2 | c | |
| | R | ePNZ | 00 26.9 | d | |
| | | i | 58 | | |
| | | eSNE | 10 29 | | |
| | C | iP | 00 09 | | |
| | SH | iP | 15.9 | d | |
| | | e | 35.3 | c | |
| | | e | 47.6 | c | |
| | | e | 04 26.6 | c | |
| | | eSNE | 10 06 | | |
| 14 | B | eP | 22 19 49.4 | d | USCGS: 1 1/2°S, 77 1/2°W h = 200, O = 22-10-20 |
| | | epP | 20 31.5 | | Central Ecuador |
| | | eP | 19 44.0 | d | |
| | | i | 49.0 | c | |
| | | i | 56.9 | d | |
| | | epP | 20 27.9 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Feb. 14 | F | eP | 19 33.5 | c | |
| | M | eP | 55.4 | c | |
| | i | | 20 05.5 | c | |
| | R | ePEZ | 19 45.0 | d | |
| | C | eP | 20 21 | | |
| | SH | eP | 19 58.6 | d | |
| | | e | 20 47.6 | c | |
| 15 | M | eP | 09 43 19.6 | d | USCGS: 12°S, 77 1/2°W O = 09-32-25 |
| | R | eP | 06 | | Near coast of Peru |
| 15 | M | eP | 17 29 00.1 | d | USCGS: Hokkaido, Japan O = 17-18-05 |
| | SH | eP | 28 56.0 | | |
| 15 | M | eP | 20 12 31.8 | d | USCGS: Solomon Islands O = 19-59-40 |
| 16 | M | eP | 00 17 59.5 | c | USCGS: 42 1/2°N, 143°E O = 00-06-58 |
| | e | | 18 17.1 | c | Near south coast of Hokkaido, Japan |
| 16 | R | eNEZ | 01 31 31 | | |
| 16 | B | eP | 10 18 49.5 | | USCGS: 8 1/2°N, 83°W O = 10-10-22 |
| | e | | 19 06.5 | | |
| | MH | eP | 18 45.2 | d | Near coast of Costa Rica |
| | e | | 19 02.7 | d | |
| | F | ePcP | 20 24.9 | | |
| | eP | | 18 31.5 | c | |
| | e | | 19 12.5 | c | |
| | M | eP | 18 56.0 | c | |
| | i | | 19 15.9 | c | |
| | ePcP | | 20 28.5 | c | |
| | e | | 54.8 | c | |
| | R | eP | 18 44.8 | c | |
| | eNZ | | 53.2 | | |
| | eN | | 37.3 | | |
| | C | eP | 19 24 | | |
| | SH | eP | 00.4 | d | |
| | ePcP | | 20 30.8 | c | |
| 16 | M | e | 22 46 31.7 | c | |
| | R | e | 45 34.5 | | |
| 18 | MH | iP | 10 16 22.1 | d | |
| | M | e | 30.9 | c | |
| 19 | M | i(P) | 02 55 02.4 | d | |
| | SH | eP | 54 56.3 | c | |
| 19 | B | eP | 08 13 07.2 | d | Pas: 35°18'N, 118°3?W O = 08-12-06. Magnitude 4.4 |
| | eSNE | | 53.6 | | USCGS: V at Arvin, California |
| | MH | eP | 12 56.7 | c | |
| | eS | | 13 27.2 | | |
| | F | iP | 12 35.9 | d | |
| | iSE | | 56.9 | | |
| | M | eP | 13 33.2 | d | |
| | i | | 14 21.5 | | |
| | R | iP | 13 25.9 | c | |
| | iSNE | | 14 24.5 | | |
| | SH | eP | 13 42.0 | | |
| | eSE | | 14 57.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|-------|-------|------------|---------------|-------------------------------|
| 1953 | | | h. m. s. | | |
| Feb. 19 | B | eP | 13 18 19.2 | d | USCGS: 28°S, 179°W |
| | BG | eSNE | 28 27 | | O = 13-05-42 |
| | | | A T | | Kermadec Islands |
| | | SH | 8 8 | | |
| | MH | iP | 13 18 19.4 | d | |
| | F | eP | 22.5 | d | |
| | e | | 19 13 | d | |
| | e | | 19 41 | c | |
| | e | | 20 20 | c | |
| | e | | 21 05 | c | |
| | eS | | 28 33 | | |
| | eNE | | 36 | | |
| | M | eP | 18 27.5 | d | |
| | e | | 19 48.0 | c | |
| | R | eP | 18 30.5 | d | |
| | eN | | 19 17.5 | | |
| | e | | 50.5 | | |
| | eS | | 28 25.5 | | |
| | eP | | 18 27.7 | d | |
| | e | | 19 46.7 | d | |
| | e | | 21 16.5 | c | |
| | SH | eSNE | 28 21 | | |
| 19 | BG | eSKSE | 15 42 22 | | USCGS: 0°, 18°W, O = 15-17-40 |
| | | eSSNE | 50 20 | | Mid-Atlantic Ocean |
| | | eN | 55.6 | | |
| | MH | e | 42 38.4 | d | |
| | F | ePP | 35 34 | | |
| | M | e | 31 31.2 | c | |
| | i | | 39.9 | c | |
| | R | eP | 36 01.2 | | |
| | ePPEZ | | 31 26.5 | | |
| | PA | e | 35 25.5 | | |
| | SH | eP | 31 56.0 | | |
| 19 | SH | eP | 31 32.5 | c | |
| | SH | eP | 18 26 22.5 | d | USCGS: Caroline Islands |
| | | | | | O = 18-13-30 |
| 20 | SH | eP | 09 15 22.0 | | |
| 20 | M | eP | 10 22 57.1 | d | |
| | e | | 23 12.6 | d | |
| 20 | SH | eP | 18 32 02.2 | c | |
| 20 | MH | eP | 23 34 49.1 | c | |
| | e | | 35 09.2 | c | |
| | e | | 27.8 | d | |
| | F | eP | 34 54.0 | d | |
| | e | | 35 32.5 | d | |
| | M | iP | 34 59.1 | d | |
| | i | | 35 09.2 | d | |
| | i | | 42.4 | c | |
| | R | ePEZ | 36 55.4 | c | |
| | SH | iP | 35 02.8 | | |
| | e | | 34 57.8 | c | |
| | e | | 35 47.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Feb. 21 | MH | eP | 22 26 41.0 | c | USCGS: North of Puerto Rico h = 100. 0 = 22-17-44. Felt |
| | | e | 46.0 | d | |
| 22 | MH | eP | 02 28 39.1 | d | USCGS: 87°N, 45°E |
| | F | eP | 43.0 | | 0 = 02-19-00 |
| | M | iP | 17.1 | c | About 500 miles N. of Spitzbergen |
| | | e | 28.3 | c | |
| 22 | MH | e | 07 48 18.8 | d | USCGS: Near west coast of Seward Peninsula, Alaska |
| | F | e | 31.0 | | |
| | M | eP | 47 56.6 | d | |
| | | e | 48 55.5 | | |
| | R | e | 10.5 | | |
| | SH | eP | 47 52.5 | | |
| 23 | F | e(P) | 20 28 45 | d | USCGS: 51°N, 10°E, 0 = 20-16-19 Central Germany |
| | | | | | USCGS: Tonga Islands Region |
| | B | eP | 22 26 37.0 | | 0 = 22-15-05 |
| | BG | eR | 49.1 | | |
| | MH | eP | 26 38.7 | c | |
| | | e | 27 00.3 | d | |
| | F | eP | 26 42.5 | c | |
| | | e | 27 24.0 | | |
| | M | iP | 26 48.2 | c | |
| | | i | 57.2 | d | |
| | | i | 27 06.5 | c | |
| | R | ePEZ | 26 53.6 | | |
| | | e | 27 08.8 | | |
| | SH | eP | 26 47.2 | c | |
| 23 | M | e(P') | 01 03 22.8 | c | USCGS: 29 1/2°N, 81°E 0 = 00-46-08 Western Nepal |
| | F | eP | 01 16 40.0 | | |
| | M | iP | 00.7 | d | |
| | | i | 35.1 | c | |
| | R | eP | 20 | | |
| | SH | eP | 15 55.5 | c | |
| | | i | 16 10.6 | | |
| 23 | MH | e | 03 51 14.5 | c | USCGS: 53°N, 161°E |
| | | e | 52.9 | d | 0 = 03-41-45 |
| | F | eP | 23.0 | | Off east coast of Kamchatka |
| | M | eP | 50 57.5 | c | |
| | R | eP | 51 10 | | |
| | SH | eP | 50 52.2 | c | |
| 23 | B | eP | 07 43 59.7 | c | 41°30'N, 125°56'W, 0 = 07-42-51 |
| | eNE | | 44 53.2 | | |
| | BG | eN | 45 15 | | Magnitude: 4.7 100 miles northwest |
| | MH | iP | 44 10.4 | c | of Eureka, California |
| | | i | 24.6 | c | |
| | PA | eN | 45 12.4 | | |
| | | eP | 44 05.4 | | |
| | | eE | 45 03.4 | | |
| | F | e(P) | 44 31 | | |
| | M | eP | 43 44.6 | c | |
| | INEZ | | 45.8 | c | |
| | INE | | 44 30.4 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Feb. 23 | R | eP | 11 | | |
| | | e | 37.7 | | |
| | | e | 58.5 | | |
| | F | eNE | 45 25.5 | | |
| | | ePE | 43 21 | | |
| | | ISNE | 42 | | |
| | C | eP | 46 | | |
| | | IS | 44 27 | | |
| | SH | iP | 43 36.2 | c | |
| | | INZ | 44 13.2 | | |
| | | eN | 46 24.3 | | |
| 23 | SH | eP | 23 34 56.5 | | USCGS: 52 1/2°N, 160°E 0 = 23-25-46. Off east coast of Kamchatka |
| | C | eP | 19 40 58 | | |
| 24 | B | eP | 12 44 02.7 | | USCGS: 49°N, 156°E 0 = 12-34-10. Kurile Islands |
| | | e | 14.7 | | |
| | MH | eP | 07.9 | c | |
| | | e | 20.0 | c | |
| | | e | 34.4 | c | |
| | F | eP | 18.0 | c | |
| | | e | 30.0 | c | |
| | M | iP | 43 53.8 | d | |
| | | i | 44 06.2 | c | |
| | R | eP | 04.3 | c | |
| | SH | eP | 43 49.8 | c | |
| | | e | 44 01.5 | c | |
| 25 | B | eP | 14 52 07.0 | | |
| | MH | eP | 13.1 | d | |
| | | e | 21.0 | d | |
| | F | eP | 24.0 | d | |
| | M | eP | 51 58.6 | d | |
| | | i | 52 04.3 | d | |
| | R | eP | 11.8 | d | |
| | SH | eP | 51 53.3 | d | |
| | | e | 51 53.3 | d | |
| 25 | MH | eP | 15 43 56.9 | c | |
| | M | eP | 44 06.5 | d | |
| | SH | eP | 44 05.3 | c | |
| 25 | MH | eP | 19 13 03.7 | c | |
| | | e | 11.7 | | |
| | M | eP | 12 35.3 | c | |
| | | i | 44.3 | c | |
| | C | iP | 03 | | |
| | | e | 39 | | |
| 25 | B | eT | 20 17 21.2 | | T Phase of last shock? |
| | MH | eT | 30.5 | d | |
| | PA | eT | 26.5 | | |
| | | M | 46.7 | c | |
| 25 | B | iP | 21 22 19.0 | d | USCGS: 56°N, 156 1/2°W h = 60, 0 = 21-16-18. Off south |
| | | ipP | 30.8 | c | coast of Alaska Peninsula. |
| | | iPcP | 25 24.1 | d | Pas: Magnitude 6 3/4 |
| | | i | 39.6 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Feb. 25 | BG | eSNE | 27 08 | | |
| | B | eScP | 29 01.0 | | |
| | BG | eRNEZ | 29.6 | | |
| | MH | iP | 22 25.4 | d | |
| | | i | 33.4 | d | |
| | | i | 24 37.5 | c | |
| | | iPcP | 25 25.9 | | |
| | | eScP | 29 00.4 | | |
| | | e | 28.5 | d | |
| | F | iP | 22 47.5 | d | |
| | | i | 51.4 | | |
| | | e | 23 56.0 | | |
| | M | ePNE | 22 06.0 | | |
| | | eE | 27 07 | | |
| | R | iPNEZ | 22 19.5 | d | |
| | | e | 23 18 | | |
| | | iPcPEZ | 25 24.1 | c | |
| | | eSN | 27 12 | | |
| | | eR | 30.7 | | |
| | | eScSNEZ | 33 23 | c | |
| | Fe | eE | 22 16 | | |
| | C | iP | 21 31 | | |
| | | eS | 25 54 | d | |
| | SH | iP | 22 00.1 | d | |
| | | epP | 13.1 | | |
| | | e | 54.0 | | |
| | | ePcP | 25 18.1 | d | |
| | | e | 31.5 | | |
| | | eSNE | 26.9 | | |
| | | eE | 28 58 | | |
| | | e | 29.4 | | |
| | | e | 29.8 | | |
| 26 | B | iP | 00 41 55.8 | d | USCGS: 51°N, 156 1/2°E O = 00-32-07 Near south coast of Kamchatka |
| | | i | 42 09.0 | | |
| | | e | 27.0 | | |
| | | e | 40.3 | | |
| | | e | 46 36.6 | | |
| | MH | iP | 42 01.0 | d | |
| | | i | 38.6 | d | |
| | | iPP | 44 13.9 | c | |
| | F | eP | 42 10.5 | d | |
| | | e | 44 56.5 | | |
| | M | iP | 41 46.6 | d | |
| | | iPP | 43 51.2 | d | |
| | R | eP | 41 57.9 | d | |
| | | eEZ | 42 42.4 | c | |
| | | ePP | 44 06 | c | |
| | | eSE | 49 34 | | |
| | C | iP | 41 19 | | |
| | SH | iP | 42.0 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Feb. 26 | M | eP | 02 18 37.0 | d | |
| 26 | M | eP | 02 27 42.9 | c | USCGS: Off east coast of Kamchatka O = 02-18-20 |
| 26 | MH | eP | 04 51 51.0 | d | USCGS: Off coast of Guerrero, Mexico. O = 04-45-55 |
| | F | eP | 37.5 | | |
| | M | eP | 52 08.9 | d | |
| | | e | 31.0 | c | |
| | R | eP | 51 56.6 | | |
| | | e | 52 12 | | |
| 26 | B | i(pP) | 07 47 46.5 | c | USCGS: 50°N, 157°E O = 07-37-45 |
| | MH | i(pP) | 51.9 | c | |
| | F | eP | 47.0 | d | Off south coast of Kamchatka |
| | | e(pP) | 48 02.0 | c | |
| | M | eP | 47 23.4 | c | |
| | | i(pP) | 37.4 | c | |
| | R | iPcP | 48 38.9 | c | |
| | | eP | 47 33.8 | c | |
| | | e(pP)EZ | 49.2 | c | |
| | SH | eP | 48 15.1 | | |
| | | i(pP) | 47 18.6 | c | |
| | | | 33.1 | c | |
| 26 | B | e | 10 25 53.0 | | USCGS: 20°S, 169°E |
| | | i | 26 03.6 | | O = 10-13-07. Loyalty Islands |
| | MH | iP | 25 48.7 | c | |
| | | i | 26 04.3 | c | |
| | | e | 22.4 | d | |
| | F | ep | 25 58.0 | c | |
| | | e | 26 09.0 | c | |
| | M | eP | 25 59.3 | c | |
| | | i | 26 10.4 | c | |
| | | i | 39.8 | c | |
| | R | eP | 27 55.0 | d | |
| | | e | 26 03.5 | | |
| | | | 14.7 | | |
| | SH | ep | 25 58.0 | c | |
| | | i | 26 08.9 | c | |
| | | e | 49.7 | | |
| 26 | B | eP | 11 54 59.0 | c | Magnitude: 7 1/4 |
| | BG | iPP | 58 13.5 | | USCGS: 11°S, 164 1/2°E, O = 11-42-26 |
| | | isNE | 12 05 27 | | Santa Cruz Islands Region |
| | | A | | | |
| | | T | | | |
| | | PZ | 14 11 | | |
| | | PPZ | 10 10 | | |
| | | MAX H | 214 18 | | |
| | MH | eP | 11 55 02.1 | c | |
| | | i | 03.6 | c | |
| | | e | 57 35.6 | c | |
| | | iPP | 58 22.2 | c | |
| | | e | 59 45.8 | d | |
| | | e | 12 06 24.5 | | |
| | | eR | 21.8 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Feb. 26 | F | eP | 11 55 08.5 | c | |
| | | ePP | 58 32 | | |
| | | eSN | 12 05 44 | | |
| | | e | 06 43 | | |
| | M | eR | 21.7 | | |
| | | EP | 11 55 24.2 | c | |
| | | i | 27.5 | d | |
| | | e | 58 00.8 | d | |
| | R | e | 12 06 37 | | |
| | | eR | 22.1 | | |
| | | EP | 11 55 10.1 | c | |
| | | INEZ | 13.1 | d | |
| | | EPPN | 58 29.5 | | |
| | C | eSNEZ | 12 05 57 | | |
| | | EP | 11 55 09 | | |
| | | EPPE | 58 21 | | |
| | | eSE | 12 05 37 | | |
| | SH | e(P'P') | 22 20 | | |
| | | EP | 11 55 03.3 | | |
| | | ePP | 58 16.0 | | |
| | | eN | 36.5 | | |
| | | eE | 12 04.9 | | |
| | | eSN | 05 27.5 | | |
| | | eE | 34.0 | | |
| 26 | M | e(P) | 13 25 16.1 | d | USCGS: Off southeast coast of Kamchatka. $0 = 13-15-54$ |
| | | i | 29.9 | c | |
| 26 | B | eP | 16 17 57.5 | | USCGS: 19°N , $73 \frac{1}{2}^{\circ}\text{W}$, |
| | | i | 18 11.0 | | $0 = 16-09-25$ |
| | MH | eP | 17 52.8 | d | Gulf of Gonaives, Haiti |
| | | i | 53.5 | c | |
| | | i | 18 09.8 | d | |
| | | e | 22.9 | | |
| | F | ePP | 19 44.8 | c | |
| | | eP | 17 39.5 | d | |
| | | ePP | 19 26 | | |
| | M | eP | 17 55.6 | d | |
| | | e | 56.6 | c | |
| | R | ePP | 19 50.8 | d | |
| | | eP | 17 48.8 | | |
| | | e | 18 01.5 | | |
| | SH | eP | 17 30.2 | c | |
| 26 | MH | eP | 19 53 13.9 | d | USCGS: 50°N , 156°E |
| | M | iP | 00.5 | d | $0 = 19-43-20$ |
| | | i | 08.7 | c | Off south coast of Kamchatka |
| | | e | 24.2 | c | |
| | SH | eP | 52 56.0 | d | |
| | | e | 53 07.0 | d | |
| 27 | F | e | 05 58 37 | | USCGS: New Britain |
| | M | e | 28.9 | c | $0 = 05-45-10$ |
| 28 | B | eP | 04 29 56.0 | d | USCGS: $18 \frac{1}{2}^{\circ}\text{N}$, 105°W |
| | | i | 30 06.1 | d | $0 = 04-24-33$ |
| | BG | e(Q)NZ | 34 42 | | Near coast of Colima, Mexico |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Feb. 28 | MH | eRNZ | 37.0 | | |
| | | eP | 29 48.1 | d | |
| | | ePP | 30 24.8 | d | |
| | F | e | 38.1 | d | |
| | | eP | 29 34.0 | d | |
| | | eE | 33 53 | | |
| | | e | 34 02 | | |
| | M | eN | 38 47 | | |
| | | iP | 30 10.0 | d | |
| | | i | 18.3 | c | |
| | R | e | 44.2 | d | |
| | | eP | 29 56.1 | d | |
| | | e | 30 07 | | |
| | | e | 38.2 | | |
| | | eNEZ | 41.2 | | |
| | SH | eP | 30 14.0 | d | |
| 28 | M | eP | 06 00 59.7 | c | USCGS: 72°N 0° |
| | | e | 01 05.9 | c | $0 = 05-50-48$. Arctic Ocean |
| | 28 | F | 15 35 55.5 | c | |
| | 28 | MH | 18 52 19.9 | d | |
| | | F | 24.5 | | |
| | | M | 20.1 | c | |
| | 28 | M | 19 04 20.4 | c | |
| | | C | 01 25 | | |
| | 28 | B | 21 58 56.5 | | USCGS: $18 \frac{1}{2}^{\circ}\text{N}$, 105°W |
| | | BG | 22 03 20.5 | NE | $0 = 21-53-15$ |
| | | eNE | 24.5 | | Aftershock of 04-24-33 |
| | | erNEZ | 05.5 | | |
| | | MH | 21 58 29.5 | c | |
| | | e | 35.7 | c | |
| | | F | 08.0 | c | |
| | | e | 17.0 | c | |
| | | eN | 37.5 | c | |
| | | M | 22 00 40 | | |
| | | eP | 21 58 49.5 | d | |
| | | i | 58.8 | d | |
| | | R | 25.7 | | |
| | | eP | 36.7 | | |
| | | e | 22 03 23 | | |
| | | SH | 21 58 52.0 | | |
| | | eN | 22 04 29.5 | | |
| Mar. 1 | B | iP | 23 09 41.9 | c | USCGS: 11°S , 166°E . $h = 100$ |
| | | epP | 10 08.8 | c | $0 = 22-57-24$ |
| | | eP | 09 42.8 | d | Santa Cruz Islands |
| | | ipP | 10 10.5 | c | |
| | | eP | 09 49.9 | c | |
| | | epP | 10 16.0 | c | |
| | | iP | 09 48.0 | c | |
| | | ipP | 10 14.7 | c | |
| | | esP | 35.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|----------|--------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Mar. 1 | R | eP | 09 53.4 | | |
| | SH | epP | 10 19.6 | | |
| | | eP | 09 45.6 | d | |
| | | ipP | 10 12.6 | c | |
| 2 | M | e | 02 25 53.5 | c | USCGS: Solomon Islands Region. O = 02-12-46 |
| | | e | 26 01.7 | d | |
| 2 | MH | eP | 21 06 10.5 | c | USCGS: Off east coast of Kamchatka |
| | | e | 19.1 | d | O = 20-56-36 |
| | M | eP | 05 56.8 | d | |
| | i | 06 14.5 | d | | |
| | SH | eP | 05 49.0 | c | |
| | | e | 06 00.0 | c | |
| 2 | M | e | 22 28 23.2 | | |
| | R | e | 34.5 | | |
| 2 | M | eP | 22 54 51.4 | d | USCGS: 51°N, 159°E O = 22-45-18 |
| | | e | 55 54.0 | d | |
| | R | eP | 00.5 | | |
| | | e | 57 32.5 | | |
| 3 | B | eP | 11 39 46.5 | | Magnitude 6 3/4-7 |
| | i | 50.2 | | | |
| | BG | e | 41 36 | | USCGS: 20°S, 169°E |
| | | eE | 46 14 | | |
| | | eE | 48 29 | | |
| | | eE | 49 27 | | |
| | | eS | 50 19 | | |
| | | eQNE | 12 02 17 | | |
| | | eNE | 03.0 | | |
| | | eR | 06.8 | | |
| | | PZ | A T 1.8 6 | | |
| | | SH | 18 15 | | |
| | | MAX H | 43 18 | | |
| | MH | iP | 11 39 47.1 | c | |
| | | i | 51.2 | c | |
| | | i | 40 15.7 | d | |
| | F | e | 41 32.8 | d | |
| | | eP | 39 49.0 | | |
| | | i | 55.5 | c | |
| | | e | 41 25.5 | | |
| | | e(P'P') | 12 05 45.5 | | |
| | M | eP | 11 39 51.6 | c | |
| | | i | 57.0 | d | |
| | | i | 40 15.6 | d | |
| | | i | 41 27.0 | c | |
| | R | eP | 11 39 56.5 | | |
| | | eNZ | 40 02.8 | | |
| | | eNE | 22.1 | | |
| | | e(S)NEZ | 50.8 | | |
| | | e(P'P') | 12 05 51.2 | | |
| C | eP | 11 39 59 | | | |
| SH | eP | 51.5 | | | |
| | i | 55.5 | d | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|-------|---------|------------|---------------|-------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 3 | | eN | 41 10 | | |
| | | e(PP) | 43 20.0 | | |
| 3 | F | eP | 12 38 37.5 | | |
| | M | eP | 43.9 | c | |
| | SH | eP | 41.2 | c | |
| | | e | 39 12.5 | | |
| 3 | M | eP | 13 15 40.5 | d | USCGS: Loyalty Islands Region |
| | | e | 16 14.9 | c | O = 13-02-49 |
| 3 | M | eP | 13 51 48.7 | d | USCGS: Loyalty Islands Region |
| | | iP | 13 54 06.2 | c | O = 13-38-58 |
| | F | eP | 11.0 | c | USCGS: 19 1/2°S, 168 1/2°E |
| | M | e | 11.9 | d | O = 13-41-20. Loyalty Islands |
| | R | eP | 17.2 | c | Region |
| | | e | 52.7 | | |
| | SH | eP | 11.0 | c | |
| 3 | MH | eP | 23 01 08.9 | c | USCGS: 48°N, 155°E |
| | M | e | 21.1 | d | O = 22-53-54. Kurile Islands |
| | i | 35.2 | c | | |
| | e(PP) | 03 05.6 | c | | |
| 3 | R | eP | 23.3 | | Same as above |
| | B | eP | 23 03 56.0 | c | |
| | BG | eN | 20.8 | | |
| | | eREZ | 22.8 | | |
| | MH | eP | 04 03.0 | c | |
| | | e | 50.7 | | |
| | F | eP | 11.0 | d | |
| | | e | 05 36 | | |
| | M | iP | 03 48.1 | c | |
| | R | ePEZ | 59.5 | | |
| | SH | eP | 43.0 | d | |
| | | e | 54.5 | d | |
| 4 | B | iP | 01 09 36.4 | c | USCGS: 28°S, 62 1/2°W, |
| | | ipP | 11 40.6 | | h = 600. O = 00-57-52 |
| | | e | 12 14.0 | | Santiago Del Estero Province, |
| | BG | eSKSNE | 19 09 | | Argentina. |
| | | iSNZ | 20.0 | | Pas. Magnitude 6 1/4 |
| | MH | iP | 09 33.1 | | |
| | | i | 43.6 | d | |
| | | i | 59.8 | d | |
| | | epP | 11 35.6 | d | |
| | | e | 12 11.7 | d | |
| | F | eP | 09 24.0 | c | |
| | | epP | 11 28.0 | d | |
| | M | iP | 09 41.3 | c | |
| | | i | 10 09.9 | d | |
| | | epP | 11 47.7 | d | |
| | | e | 57.9 | d | |
| | R | ePNEZ | 09 34.6 | d | |
| | | e | 58.5 | | |
| | | epP | 11 38.2 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|---------|------------|------------|----------------------------|----------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 4 | | e(S) | 19 13 | | |
| | | eSNE | 18 | | |
| SH | iP | 09 43.4 | d | | |
| | epP | 11 48.3 | d | | |
| | e(SKS)N | E 19 02 | | | |
| 4 | M | e(P) | 03 23 55.3 | c | |
| 4 | MH | iP | 06 05 17.8 | d | |
| 4 | M | e(P) | 26.2 | d | |
| 4 | F | eP | 07 26 38.0 | c | USCGS: 19 1/2°N, 168 1/2°E |
| | M | eP | 40.0 | c | 0 = 07-13-47 |
| | SH | eP | 38.5 | | Loyalty Islands Region |
| 4 | M | eP | 09 36 47.8 | d | |
| | e | 37 22.2 | c | | |
| 4 | MH | iP | 14 59 13.0 | c | USCGS: 24°N, 122°E |
| | M | eP | 02.8 | d | 0 = 14-45-48 |
| C | eP | 58 50 | | Near east coast of Formosa | |
| | SH | eP | 59 00.8 | d | |
| 4 | B | iP | 19 48 01.5 | | |
| | MH | iP | 47 57.3 | d | |
| | i | 48 01.6 | d | | |
| | M | eP | 48 06.8 | d | |
| | R | eP | 47 58.2 | d | |
| | e(S)NE | Z 54 48.8 | | | |
| 5 | SH | iP | 48 10.8 | d | |
| | B | eP | 05 59 52.0 | | USCGS: About 300 miles southwest |
| | BG | eRNZ | 06 22.4 | | of Easter Island |
| | MH | eP | 05 59 48.7 | c | 0 = 05-48-40 |
| | F | eP | 05 59 44.0 | d | |
| | e | 06 00 24.0 | | | |
| | M | eP | 57.0 | c | |
| | e | 05.4 | c | | |
| | R | ePNZ | 48.1 | d | |
| | e | 01.0 | | | |
| | | 24.0 | | | |
| 5 | SH | eP | 08 19.8 | | USCGS: Loyalty Islands Region |
| | BG | eN | 08.6 | c | 0 = 07-29-20 |
| | eE | 21.2 | | | |
| | MH | eP | 07 42 07.4 | c | |
| | F | eP | 11.5 | | |
| | M | eP | 13.1 | c | |
| | SH | eP | 09.5 | | |
| 5 | MH | iP | 11 48 19.9 | d | |
| 5 | M | eP | 29.1 | c | |
| 5 | B | iP | 19 12 40.0 | c | |
| | i | 13 00.8 | | | |
| | e | 26.0 | | | |
| | BG | eN | 56.8 | | |
| | MH | eP | 12 38.1 | c | |
| | e | 13 23.1 | d | | |
| | e(PP) | 14 22.3 | d | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|---------|-------|------------|---------------|--------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 5 | F | eP | 12 34.5 | c | |
| | e | | 14 09.0 | | |
| | M | eP | 12 42.3 | d | |
| | e | | 13 06.0 | d | |
| | e | | 50.8 | c | |
| | e | | 14 36.8 | c | |
| | R | eP | 12 39.3 | c | |
| | e | | 13 04.3 | | |
| | e | | 14 27 | | |
| | SH | eP | 12 42.4 | c | |
| | e | | 14 42.0 | | |
| 5 | SH | eP | 19 57 09.0 | c | |
| | B | iP | 21 10 59.4 | c | Magnitude 6 3/4 |
| | ipP | | 11 12.8 | c | USCGS: 51°N, 158°E, h = 60. |
| | i | | 21.4 | | 0 = 21-01-23. Near south coast |
| | i | | 31.1 | | of Kamchatka |
| | BG | eSNE | 18 41.0 | | |
| | iNEZ | | 44.0 | | |
| | eSSE | | 22 19 | | |
| | eQNE | | 24 57 | | |
| | eREZ | | 27.3 | | |
| | A | T | | | |
| | PZ | | 2 6 | | |
| | SH | | 8.6 8 | | |
| | MAX H | | 34 20 | | |
| | eP | | 21 11 04.6 | c | |
| | i | | 21.3 | d | |
| | i | | 52.6 | d | |
| | iPCP | | 12 03.2 | d | |
| | eS | | 18 53.0 | | |
| | F | eP | 11 14.0 | c | |
| | epP | | 28.4 | | |
| | eS | | 19 10 | | |
| | eE | | 13 | | |
| | e(P'P') | | 41 04.0 | | |
| | M | iP | 10 45.0 | c | |
| | i | | 50.6 | c | |
| | i | | 11 03.5 | c | |
| | R | ePNZ | 01.8 | c | |
| | epP | | 16.0 | | |
| | e(PP)N | | 13 23 | | |
| | e | | 18 41.7 | d | |
| | eSN | | 49 | | |
| | SH | iP | 10 45.4 | c | |
| | ipP | | 58.3 | c | |
| | eSNE | | 18 07 | NE | |
| | eN | | 43 | | |
| | eScSN | | 20 28 | | |
| 5 | B | e | 21 31 50.5 | | USCGS: 49°N, 156°E |
| | MH | e(P) | 45.0 | c | 0 = 21-21-45. Off south coast |
| | e | | 59.4 | d | of Kamchatka |
| | F | e | 50 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 5 | M | e | 32 06.0 | c | |
| | R | e | 31 44.1 | c | |
| | SH | eP | 57 | | |
| 5. | B | iP | 24.5 | c | USCGS: 14°S, 71 1/2°W, h = 100 |
| | MH | e | 23 00 54.8 | c | O = 22-49-46. Southern Peru |
| | | i | 50.3 | d | |
| | F | eP | 56.6 | d | |
| | | e | 39.5 | | |
| | | 01 | 50 | | |
| | | 09 | 38 | | |
| | M | eP | 01 00.2 | c | |
| | | e | 02 39.9 | | |
| | R | eP | 00 51.5 | d | |
| | | eN | 01 59 | | |
| | | e(S)E | 09 57 | | |
| | SH | eP | 01 02.5 | | |
| 6 | B | eP | 00 55 00.0 | | |
| | MH | eP | 05.1 | c | |
| | F | eP | 10.5 | | |
| | M | eP | 54 46.3 | c | |
| | | i | 51.7 | c | |
| | R | ePEZ | 55 24.1 | d | |
| | | 01.3 | | | |
| | | e | 10 | | |
| | | eN | 55 | | |
| | | eEZ | 59.3 | | |
| | SH | eP | 54 41.7 | c | |
| | | e | 55 53.5 | d | |
| 6 | B | eP | 04 32 11 | | USCGS: 16°S, 177°E |
| | BG | eRNEZ | 56 | | O = 04-20-10 |
| | MH | eP | 32 09.3 | d | Fiji Islands |
| | | e | 20.2 | d | |
| | M | eP | 18.7 | c | |
| | SH | eP | 20.5 | | |
| 6 | B | eP | 07 03 32.3 | | USCGS: 58 1/2°N, 156 1/2°W. h = 100 |
| | | ipP | 04 01.6 | c | O = 06-57-26 Alaskan Peninsula |
| | BG | e(S)E | 09 05 | | |
| | | eNEZ | 21 | | |
| | MH | i ? | 03 32.3 | d | |
| | | e(pP) | 04 08.1 | c | |
| | F | e | 07 09.2 | d | |
| | | e(pP) | 04 20.5 | c | |
| | | e | 38.5 | c | |
| | | e | 05 46.5 | | |
| | M | eP | 03 18.3 | c | |
| | | i | 32.4 | c | |
| | | ipP | 47.1 | c | |
| | | i | 04 54.7 | d | |
| | | i | 07 03.2 | c | |
| | R | i | 55.1 | d | |
| | | eP | 03 30.4 | d | |
| | | epPNZ | 59.4 | d | |
| | e | | 07 06.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|--------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 6 | C | eP | 02 44 | | |
| | | epP | 03 10 | | |
| | SH | eP | 12.9 | | |
| | | ipP | 41.3 | c | |
| | | e | 07 00.4 | | |
| 6 | F | e | 10 28 03.0 | c | |
| | | e | 39.0 | c | |
| 6 | MH | eP | 22 11 46.9 | c | USCGS: Southern Ryukyu Islands |
| | SH | eP | 35.9 | c | O = 21-58-40 |
| | | e | 56.9 | c | |
| 7 | MH | i | 18 14 05.3 | d | |
| 8 | F | eP | 12 25 07.0 | c | |
| 8 | B | eP | 12 36 35.5 | | USCGS: 50°N, 156°E, h = 60 |
| | | ipP | 48.9 | | O = 12-26-52. Off south coast |
| | MH | eP | 39.5 | c | of Kamchatka |
| | | epP | 54.5 | d | |
| | | ePcP | 37 51.7 | d | |
| | F | eP | 36 50.5 | | |
| | | epP | 37 04.5 | | |
| | M | eP | 36 27.2 | c | |
| | | i | 56.8 | c | |
| | R | eP | 38.3 | d | |
| | | epP | 52.8 | | |
| | SH | eP | 22.2 | c | |
| | | epP | 36.7 | d | |
| | | e | 56.7 | | |
| 8 | C | eP | 21 54 47 | | |
| 9 | BG | eP | 10 16 36 | c | Magnitude 6 1/2-6 3/4 |
| | B | iP | 40.4 | | USCGS: 4 1/2°S, 153 1/2°E |
| | BG | i | 56.0 | | O = 10-03-41 |
| | | iPP | 20 04.0 | | New Britain Region |
| | | e(SKSE) | 27 01 | | |
| | | eN | 31 | | |
| | | i(PS)NE | 27 58.0 | | |
| | | i | 28 17.0 | | |
| | | iE | 56.0 | | |
| | | eSSNE | 33.2 | | |
| | | eE | 37.2 | | |
| | | eQN | 40.0 | | |
| | | eRNEZ | 43.1 | | |
| | | A | T | | |
| | | PZ | 1 8 | | |
| | | SH | 6 12 | | |
| | | MAX H | 44 24 | | |
| | MH | eP | 16 43.0 | c | |
| | | i | 17 01.8 | c | |
| | | e | 43.1 | d | |
| | | ePP | 20 04.1 | c | |
| | F | eP | 16 51.5 | | |
| | | e | 17 07.5 | d | |
| | | ePP | 20 20.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|------------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Mar. 9 | R | ePNZ | 16 52.1 | | |
| | | eNEZ | 17 08.9 | d | |
| | | ePP | 20 54.6 | | |
| | | eEZ | 25 59.6 | | |
| | | e(S)N | 28.0 | | |
| | | eRZ | 45.8 | | |
| | C | eP | 16 41 | | |
| | SH | eP | 16 40.0 | c | |
| | | e | 17 02.0 | | |
| | | e | 18 32.0 | | |
| | | ePP | 20 06.5 | | |
| | | eE | 15.5 | | |
| | | e(SKSE) | 27.4 | | |
| 9 | M | iP | 19 06 32.6 | c | |
| | SH | eP | 28.0 | c | |
| 10 | MH | eP | 00 10 38.4 | d | USCGS: 15°N, 59 1/2°W, O = 00-00-35. Windward Islands |
| | M | iP | 39.4 | d | |
| 10 | BG | e | 06 26.5 | | USCGS: 18 1/2°S, 168°E O = 05-58-55. New Hebrides |
| | MH | eNE | 38.8 | | |
| | MH | eP | 11 39.1 | c | |
| | F | eP | 44.7 | d | |
| | R | eP | 12 38.0 | | |
| | SH | eP | 11 49.1 | | |
| | | e | 43.0 | c | |
| 11 | MH | eP | 11 00 05.5 | d | USCGS: 49°N, 154 1/2°E O = 10-50-00. Kurile Islands |
| | | e | 25.2 | c | |
| | F | eP | 15.5 | | |
| | M | iP | 10 59 51.0 | c | |
| | i | 11 00 11.0 | d | | |
| | R | eP | 03.5 | c | |
| | SH | eP | 10 59 47.7 | c | |
| | e | 11 00 02.1 | c | | |
| 11 | MH | e(P) | 11 18 19.5 | c | |
| | M | iP | 17 59.1 | c | |
| | SH | eP | 51.7 | d | |
| 11 | SH | eP | 17 08 00.0 | | |
| 13 | M | e | 06 56 40.4 | d | |
| 13 | M | e | 18 28 03.5 | c | |
| | SH | e(P) | 02.0 | | |
| 14 | SH | eP | 01 31 51.5 | c | |
| 14 | B | iP | 10 30 49.6 | d | |
| | MH | eP | 55.6 | c | |
| | M | eP | 40.8 | c | |
| | SH | eP | 35.4 | c | |
| 14 | B | eP | 11 19 30.0 | | |
| | | e | 41.5 | | |
| | | e | 21 31 | | |
| | BG | eN | 29.4 | | |
| | | eE | 30.8 | | |
| | | eNE | 38.7 | | |
| | MH | eP | 19 36.1 | d | |
| | i | 48.4 | d | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Mar. 14 | | i | 20 02.0 | d | |
| | F | e | 21 12.2 | d | |
| | M | eP | 19 57.0 | | |
| | | e | 21.0 | c | |
| | | e | 33.3 | c | |
| | | e | 56.7 | c | |
| | | e | 21 44.7 | c | |
| | SH | eP | 19 15.1 | | |
| | | e | 28.1 | | |
| 14 | BG | eP' | 17 18 49 | | |
| | | e(SKSE) | 25 12 | | USCGS: Near southeast coast of Mindanao, P.I. O = 17-00-32 Felt: Davao |
| | | eNZ | 27 50 | | |
| | | eQNE | 43.8 | | |
| | | eRZ | 49.6 | | |
| | MH | eP | 14 38.0 | d | |
| | F | eP' | 19 04 | | |
| | M | eP | 14 40.8 | c | |
| | | eP' | 18 49.6 | d | |
| | SH | eP | 14 32.5 | | |
| | | e | 18 08 | | |
| | | e | 27.8 | | |
| 15 | MH | eP | 21 08 59.2 | c | |
| | F | eP | 09 11.0 | | |
| | M | iP | 08 43.4 | c | |
| | SH | eP | 37.8 | c | |
| 16 | MH | eP | 01 58 41.5 | c | |
| | F | eP | 51.0 | d | |
| | M | iP | 55.5 | d | |
| | SH | eP | 53.8 | c | |
| 16 | B | eP | 05 18 59 | | Pas: Magnitude 6 |
| | BG | eSN | 26.5 | | |
| | | eRNZ | 33.8 | | |
| | MH | eP | 18 45.1 | c | |
| | | e | 19 00.0 | c | |
| | | e | 27.0 | c | |
| | F | e | 18 51.5 | c | |
| | M | eP | 19 18.9 | c | |
| | R | eE | 10.1 | | |
| | | e | 13.1 | | |
| | SH | eP | 22.0 | | |
| 16 | B | eP | 08 35 11.0 | | USCGS: 18°S, 168°E O = 08-22-26 |
| | BG | eN | 09 08.5 | | New Hebrides Islands |
| | MH | eP | 08 35 12.4 | d | |
| | F | eP | 18.0 | d | |
| | M | eP | 19.1 | d | |
| | | i | 36 03.6 | d | |
| | SH | eP | 35 16.5 | c | |
| 16 | MH | eP | 11 24 05.5 | c | USCGS: 48°N, 154°E O = 11-13-55. Kurile Islands |
| | | e | 54.0 | c | |
| | F | eP | 15.5 | | |
| | M | iP | 23 52.6 | c | |
| | | e | 24 21.4 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------------|-----------------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Mar. 16 | SH | e iP | 44.8 23 47.9 | d c | |
| | F | eP | 24 07.0 | | |
| 17 | MH | eP | 06 42 33.9 | d | USCGS: 51°N, 154°E |
| | F | eP | 45.5 | | O = 06-32-52 |
| | M | eP | 18.2 | c | Near SE coast of Kamchatka |
| 17 | M | eP | 08 58 39.4 | c | |
| | SH | eP | 41.0 | c | |
| 17 | B | iP | 12 56 03.9 | c | |
| | MH | eP | 01.9 | c | |
| | M | eP | 07.1 | c | |
| | SH | eP | 08.0 | c | |
| 17 | B | iP ipP | 13 14 23.8 42.4 | c c | USCGS: 50 1/2°N, 156 1/2°E |
| | | i | 15 10.6 | c | O = 13-04-33 |
| | BG | ePP eSNE | 16 25 22 15 | | Kurile Islands |
| | | eE | 45 | | |
| | | eQN | 28 50 | | |
| | | eREZ | 31.1 | | |
| | MH | iP ipP | 14 28.7 47.9 | c d | |
| | F | eP epP | 38.5 58.0 | c c | |
| | M | e iP | 16 27.5 14 15.0 | c c | |
| | | i | 22.8 | d | |
| | R | ipP | 34.6 | c | |
| | | i | 16 08.4 | c | |
| | | eP | 14 26.2 | | |
| | C | epP | 45.6 | | |
| | SH | iP | 13 51 | | |
| | | iP | 14 10.4 | c | |
| | | ipP | 28.3 | c | |
| | | i | 37.5 | c | |
| | | e(PP)E | 16 23.0 | | |
| | | eE | 17 33.5 | | |
| 17 | B | iP isNEZ | 16 16 15.5 17 04.6 | d d | Pas: 35°14'N, 118°32'W O = 16-15-17 |
| | PA | eP | 16 13.6 | | |
| | | eSE | 57.5 | | |
| | F | IPNEZ | 15 48.4 | d | |
| | | isNE | 16 10.0 | | |
| | R | e(S)NE | 17 36 | | |
| | SH | Z | 18 14.5 | | |
| 18 | MH | e(P) | 17 17 46.2 | d | |
| | | e | 18 14.6 | d | |
| | M | e | 21 14.1 | | |
| 18 | B | eP | 19 19 52 | | USCGS: 40°N, 27 1/2°E |
| | | e | 23 39 | | O = 19-06-11 |
| | BG | ipp | 23 51 | | West Turkey |
| | | eSKSNE | 30.6 | | |
| | | ie | 31 26 | | Pas: Magnitude 7 3/4 |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|---------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 18 | MH | eP | 19 51.3 | d | |
| | | e | 23 23.4 | d | |
| | | e | 50.5 | d | |
| | F | eE | 52.9 | | |
| | | eP | 19 52.0 | c | |
| | | e | 20 10.0 | d | |
| | M | ePP | 23 45.5 | d | |
| | | eSKSN | 30 29.5 | | |
| | | iP | 20 40.4 | d | |
| | | e | 21 18.8 | c | |
| | | e | 22 59.1 | c | |
| | | iPP | 23 43.2 | d | |
| | R | eE | 49.2 | | |
| | | eP | 19 42.2 | | |
| | | e | 20 19.8 | | |
| | | ePP | 23 34.0 | | |
| | | e | 24 12.8 | | |
| | | eSKSN | 30 14 | | |
| | | eN | 34.2 | | |
| | SH | eP | 19 41.0 | | |
| 18 | M | i(P) | 21 31 54.5 | c | USCGS: 40°N, 27°E, O = 21-18-08 |
| | | | | | Western Turkey |
| 19 | BG | iPEZ | 08 37 38.5 | d | Magnitude 7 3/4 |
| | | i | 42 04.0 | d | USCGS: 14°N, 61°W, h = 200 |
| | | isNEZ | 45 33.5 | NE | O = 08-27-57 |
| | | A | T | | Windward Islands. Felt. |
| | | PZ | 43 8 | | |
| | MH | SH | 100 12 | | |
| | | iP | 08 37 34.6 | d | |
| | | i | 39 22.3 | c | |
| | | eS | 45 18.0 | | |
| | | eSN | 30 | | |
| | | eQN | 56 30 | | |
| | F | eP'P' | 09 07 25.4 | | |
| | | iP | 08 37 22.0 | d | |
| | | epP | 38 14.9 | | |
| | | eE | 39 36 | | |
| | | eSNE | 45 19 | | |
| | | e | 51.4 | | |
| | M | iP | 37 36.1 | d | |
| | | i | 58.6 | d | |
| | | e(S)NE | 45 27 | | |
| | R | iP | 37 25.6 | | |
| | | eN | 38 17.8 | | |
| | | e | 46 56 | | |
| | | eN | 51.1 | | |
| | Fe | ePE | 37 58 | | |
| | | eSNE | 46 00 | | |
| | C | iP | 37 50 | | |
| | | eS | 45 57 | | |
| | | e | 57 24 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 19 | SH | iP | 08 37 39.0 | d | |
| | | epP | 38 25.5 | | |
| | | eSNE | 45 35 | | |
| | | e | 55 | | |
| | | eN | 46 41 | | |
| | | eE | 47 15 | | |
| | | eP'P'E | Z 09 07.2 | | |
| 19 | MH | eP | 10 28 23.6 | c | USCGS: 28 1/2°N, 127 1/2°E |
| | | e | 47.8 | c | O = 10-15-33. Ryukyu Islands |
| | M | eP | 14.6 | d | |
| | | e | 58.3 | d | |
| | SH | eP | 11.9 | d | |
| | | e | 54.9 | d | |
| 19 | MH | iP | 19 05 05.6 | d | USCGS: 26°S, 178 1/2°E, h = 600 |
| | | ipP | 07 12.2 | c | |
| | F | eP | 05 09.8 | c | O = 18-53-29. South of Fiji Islands |
| | | epP | 07 15 | | |
| 20 | C | iP | 07 42 07 | | |
| 21 | MH | i | 01 35 54.7 | d | |
| 22 | M. | eP | 04 44 21.4 | c | |
| 22 | SH | eP | 16.0 | | |
| | B | iP | 05 19 36.3 | | 38°49'N, 119° 59'W, O = 09-19-00. |
| | | eSN | 20 04.5 | | South of Lake Tahoe, California. |
| | | iSNE | 05.8 | | Magnitude 5.0. Felt in vicinity |
| | MH | iPNEZ | 19 35.5 | c | of Lake Tahoe. |
| | | iSNE | 20 02.8 | | |
| | F | iPEZ | 19 36.1 | c | |
| | | iSE | 20 02.2 | | |
| | M | iP | 19 35.3 | d | |
| | | iSE | 20 01.1 | | |
| | A | ePN | 10.5 | | |
| | | eSNE | 21 04.8 | | |
| | R | iPNEZ | 19 14.0 | | |
| | | iSEZ | 24.2 | | |
| | SH | iP | 45.0 | d | |
| | | iSN | 20 22.1 | | |
| 22 | MH | eP | 19 45 08.9 | d | USCGS: 52 1/2°N, 159 1/2°E, |
| | M | eP | 44 54.3 | c | O = 19-35-35 |
| | SH | eP | 49.5 | d | Off east coast of Kamchatka |
| 23 | MH | eP | 02 18 37.6 | c | |
| | M | iP | 23.4 | c | |
| | R | eP | 36.7 | d | |
| | SH | iP | 18.3 | c | |
| 23 | M | eP | 08 24 56.5 | d | |
| 23 | M | e | 08 35 56.7 | | |
| 23 | B | eP | 12 43 12.5 | | USCGS: O = 12-36-13 |
| | | e | 27.5 | c | Foreshock of March 25 at |
| | | e | 41.0 | | 05-51-21. Fox Islands, |
| | BG | eN | 51.8 | | Aleutian Islands. |
| | | eE | 52.6 | | |
| | | e | 53.6 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Mar. 23 | MH | eP | 43 18.6 | d | |
| | | i | 34.3 | d | |
| | F | e | 45 15.5 | d | |
| | M | eP | 59.5 | d | |
| | | e | 43 39.1 | c | |
| | R | eP | 04.4 | d | |
| | | e | 45 02.4 | d | |
| | SH | eP | 43 19.4 | | |
| | | e | 29.8 | | |
| | | e | 44 10.2 | | |
| | | e(S)EZ | 48 58 | | |
| | | eN | 49 22 | | |
| | SH | eP | 42 58.0 | c | |
| | | e | 43 13.0 | | |
| 23 | M | eP | 13 04 54.0 | c | |
| 23 | B | e(P) | 17 07 40.0 | | Pas: 34°59'N, 118°54'W |
| | MH | eP | 24.0 | d | O = 17-06-37. Near Wheeler Ridge, |
| | F | eP | 05.6 | d | California. |
| | | eS | 30.1 | | Magnitude 4.0 |
| | M | iP | 08 02.1 | c | |
| | R | e(P) | 07 56.5 | | |
| | SH | e(P) | 08 14 | | |
| 24 | MH | e | 03 04 40.8 | c | |
| | M | eP | 36.4 | d | |
| | SH | ePEZ | 33.8 | c | |
| 25 | B | iP | 05 58 21.5 | c | USCGS: 52 1/2°N, 169°W |
| | | i | 28.5 | c | O = 05-21-21 |
| | BG | eSN | 06 04 19 | | Fox Islands, Aleutian Islands |
| | | eQNE | 06.8 | | |
| | | eR | 08.0 | | |
| | MH | iP | 05 58 27.9 | c | |
| | | i | 34.2 | d | |
| | | e | 41.6 | d | |
| | F | ePP | 59 40.5 | c | |
| | | eP | 58 40.5 | | |
| | | e | 46.7 | | |
| | | e | 59 38.5 | | |
| | M | eP | 58 12.3 | c | |
| | | i | 25.9 | d | |
| | | i | 40.7 | d | |
| | R | e(P) | 32.4 | | |
| | | e | 59 09.4 | | |
| | C | eP | 57 44 | | |
| | SH | eP | 58 06.4 | c | |
| | | iNZ | 13.7 | | |
| | | eNZ | 23.5 | | |
| | | e(S) | 06 03 28 | | |
| | | e | 08.1 | | |
| 25 | MH | e(P) | 10 33 49.0 | c | |
| | | e | 34 17.4 | c | |
| | M | e(P) | 33 50.9 | c | |
| | SH | eP | 50.6 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Mar. 26 | MH | eP | 02 19 12.1 | c | USCGS: 52°N, 161°E |
| | | i | 44.1 | d | O = 02-09-35 |
| | M | eP | 18 49.9 | c | Off east coast of Kamchatka |
| | | e | 19 02.5 | d | |
| | | i | 10.0 | c | |
| | R | eP | 11.1 | d | |
| | SH | ePNZ | 18 46.1 | d | |
| 26 | MH | iP | 02 37 48.6 | c | |
| | M | eP | 54.0 | c | |
| | | e | 38 05.9 | d | |
| | SH | iPNZ | 37 53.0 | c | |
| | | iN | 38 07.0 | | |
| 26 | MH | eP | 05 12 30.5 | c | USCGS: 52°N, 161°E |
| | | e | 41.7 | d | O = 05-02-57 |
| | M | eP | 12.8 | c | Off east coast of Kamchatka |
| | | i | 27.4 | c | |
| | | iPP | 14 01.1 | c | |
| | SH | iP | 12 10.9 | d | |
| | | i | 24.4 | d | |
| 26 | M | eP | 14 30 56.1 | c | |
| 26 | MH | eP | 15 15 44.4 | c | |
| | | i | 59.3 | c | |
| | M | iP | 45.0 | c | |
| | | e | 16 00.3 | d | |
| | SH | iPNZ | 15 40.5 | c | |
| | | e | 55.5 | d | |
| 27 | M | e(P) | 12 03 04.4 | c | |
| 30 | MH | iP | 16 56 30.9 | c | |
| | M | iP | 16.5 | c | |
| | R | iP | 27.7 | c | |
| | SH | iPNZ | 11.3 | c | |
| 31 | M | eP | 01 08 59.7 | d | USCGS: Near south coast of Albania. O = 00-55-50 |

Bulletin of the Seismographic Stations

Volume 23, No. 2, pp. 53-109

BERKELEY—MOUNT HAMILTON—PALO ALTO
SAN FRANCISCO—FERNDALE—FRESNO
MINERAL—ARCATA—RENO—CORVALLIS—SHASTA

Earthquakes and the Registration of Earthquakes

From April 1, 1953, to June 30, 1953

BY
DON TOCHER



UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES
1955

SEISMOGRAPHIC STATIONS OF THE UNIVERSITY OF CALIFORNIA

Perry Byerly, Director

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

and

REGISTRATION OF EARTHQUAKES AT: BERKELEY, MOUNT HAMILTON,
PALO ALTO, SAN FRANCISCO, FERNDALE, FRESNO, MINERAL, ARCATA,
RENO, CORVALLIS AND SHASTA

FROM APRIL 1, 1953 TO JUNE 30, 1953

VOLUME 23 NUMBER 2

Don Tocher

SEISMOGRAMS READ BY:

Charles Herrick

Carolyn H. Pendery

John E. Meeker

Nancy Vaaler

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

1955

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

CALIFORNIA

CAMBRIDGE UNIVERSITY PRESS

LONDON, ENGLAND

The list following this page gives the latitude and longitude of epicenters for earthquakes well enough recorded to permit such a determination.

Map No. refers to the map immediately following the epicenter list.

Date and Origin Time are given in Greenwich Civil Time. Subtract eight (8) hours to get Pacific Standard Time; subtract seven (7) hours to get Pacific Daylight Saving Time. Daylight Saving Time was in general use throughout California from April 26 through September 27, 1953. This will change the date for some of the earthquakes.

M refers to the Richter Magnitude, determined from trace amplitudes of the Wood-Anderson Seismographs, and using the nomogram given by Nordquist in the "Bulletin of the Seismological Society of America," 32:164.

Q represents the excellence with which the epicenter has been located, "a" indicating excellent, "b" good, "c" fair, and "d" poor.

Under Remarks will be found a short descriptive location of the epicenter, as well as information on small foreshocks and aftershocks, and the intensity of shocks which were reported felt. Reports on felt earthquakes are chiefly those collected by the United States Coast and Geodetic Survey, which publishes a more complete summary of such reports in "Abstracts of Earthquake Reports for the Pacific Coast and the Western Mountain Region." Intensities are given by Roman numerals when sufficient information on the effects of the shock is available. Criteria of the Modified Mercalli Scale which are used to rate the intensity are:

II Felt by a few people only. Duration or direction not appreciable.

III Duration or direction appreciable.

IV Rattling of doors and windows; swinging of suspended objects.

V Disturbance of movable objects; plaster cracked.

VI Overthrow of moveable objects; cracking of chimneys and other brickwork.

VII Fall of some chimneys; some damage to buildings.

VIII General fall of chimneys; great damage to poorly built structures.

Issued January 12, 1955

Price, 50 Cents

MADE IN THE UNITED STATES OF AMERICA

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude | | Q | Remarks |
|---------|-----------|----------------------|-----|------------------|--------|---|--------------------------------------|
| | | | | North | West | | |
| 1 | Apr. 2 | 16-20-16 | 2.4 | 36.8° | 121.4° | d | 4 miles south of Hollister. |
| 2 | 2 | 22-56-12 | 3.2 | 40.7° | 121.6° | d | 15 miles south of Burney. |
| 3 | 6 | 18-28-20 | 3.6 | 42.4° | 122.9° | d | 20 miles ESE of Grants Pass, Oregon. |
| 4 | 7 | 01-12-01 | 3.5 | 37.9° | 117.8° | d | 30 miles WSW of Tonopah, Nevada. |
| 5 | 7 | 06-07-19 | 3.4 | 37.9° | 118.3° | d | 40 miles SSE of Hawthorne, Nevada. |
| 6 | 9 | 22-56-48 | 2.2 | 37° 12' 122° 15' | b | 16 miles south of Palo Alto. | |
| 7 | 10 | 05-11-44 | 3.9 | 37° 32' 118° 59' | c | 30 miles NW of Bishop. IV at June Lake, III at Long Valley Dam. | |
| 8 | 10 | 07-20-02 | 2.7 | 36° 42' 121° 17' | c | 13 miles SE of Hollister. | |
| 9 | 11 | 03-26-14 | 3.2 | 40° 26' 124° 18' | c | 10 miles south of Ferndale. Felt at Ferndale. | |
| 10 | 12 | 19-35-11 | 2.7 | 36° 49' 121° 33' | c | 7 miles west of Hollister. | |
| 11 | 15 | 00-29-10 | 3.1 | 35° 50' 121° 04' | c | 14 miles NNE of San Simeon. IV at Bryson. | |
| 12 | 16 | 19-05-48 | 2.2 | 38° 04' 122° 28' | b | 17 miles NW of Berkeley. | |
| 13 | 24 | 23-40-15 | 2.1 | 37° 56' 122° 24' | a | Quarry blast at Richmond, 8 miles NW of Berkeley. | |
| 14 | 25 | 00-42-30 | 2.7 | 37° 21' 121° 38' | b | Near Mt. Hamilton. | |
| 15 | 25 | 16-34-45 | 4.1 | 40.5° | 126.2° | d | 100 miles west of Ferndale. |
| 16 | 26 | 03-28-55 | 2.9 | 40.5° | 124.6° | d | 20 miles WSW of Ferndale. |
| 17 | 27 | 10-04-10 | 2.6 | 37° 08' 121° 36' | c | 15 miles south of Mt. Hamilton. | |
| 18 | 29 | 05-26-53 | 3.5 | 36° 00' 121° 09' | c | 14 miles south of King City. | |
| 19 | 30 | 14-00-48 | 2.9 | 40.6° | 121.6° | d | 15 miles north of Mineral. |
| 19 | May 1 | 03-35-38 | 2.1 | 40.6° | 121.6° | d | 15 miles north of Mineral. |
| 20 | 1 | 22-16-51 | 3.0 | 36.4° | 120.8° | d | 22 miles NE of King City |
| 21 | 3 | 13-28-55 | 2.2 | 37.6° | 118.9° | d | 33 miles NW of Bishop. |

| Map No. | Date 1953 | Origin Time (G.C.T.) | Latitude North | Longitude West | Q | Remarks | |
|---------|-----------|----------------------|----------------|------------------|---|---|--|
| | | | | | | | |
| 22 | May 4 | 05-40-26 | 2.4 | 37° 27' 121° 44' | a | 9 miles NW of Mt. Hamilton. | |
| 23 | 6 | 04-00-24 | 2.5 | 40° 28' 121° 33' | c | 10 miles north of Mineral. | |
| 24 | 6 | 21-48-23 | 3.3 | 40° 27' 124° 38' | c | 10 miles SW of Ferndale. | |
| 25 | 10 | 13-18-35 | 2.9 | 39.8° 123.5° | d | 30 miles north of Willits. | |
| 26 | 11 | 09-28-49 | 2.6 | 40° 30' 121° 30' | c | 12 miles north of Mineral. | |
| 27 | 14 | 09-36-09 | 3.7 | 35° 45' 121° 05' | b | 9 miles NE of San Simeon. | |
| 28 | 14 | 21-06-51 | 2.4 | 36° 45' 121° 19' | c | 8 miles SE of Hollister. | |
| 29 | 15 | 03-43-17 | 3.9 | 36° 36' 121° 02' | c | 7 miles west of Llanada. | |
| 30 | 17 | 10-02-50 | 2.5 | 40.5° 125.5° | d | 65 miles west of Ferndale. | |
| 31 | 17 | 13-56-21 | 2.0 | 41° 21' 122° 42' | c | 25 miles south of Yreka. | |
| 32 | 18 | 09-27-59 | 2.9 | 40° 18' 124° 21' | b | 18 miles south of Ferndale. | |
| 33 | 18 | 11-46-56 | 2.3 | 40.5° 119.5° | d | SW of Gerlach, Nevada. | |
| 34 | 18 | 22-42-07 | 2.4 | 37° 12' 121° 32' | c | 12 miles SE of Mt. Hamilton. | |
| 35 | 20 | 21-27-26 | 2.4 | 36.7° 121.4° | d | South of Hollister. | |
| 36 | 23 | 21-16-22 | 3.6 | 37° 18' 121° 37' | a | Near Mt. Hamilton. III at Lick Observatory. | |
| 36 | 24 | 10-58-08 | 2.3 | 37° 18' 121° 37' | b | Aftershock. | |
| 37 | 25 | 00-23-30 | 4.0 | 36° 49' 121° 28' | b | 5 miles SW of Hollister. V at Hollister, IV at Gilroy, Morgan Hill, and San Juan Bautista. | |
| 38 | 25 | 04-07-59 | 3.2 | 39.3° 123.3° | d | Between Ukiah and Willits. VI at Capella and Ukiah. V at Potter Valley. IV at Hopland, Lakeport, Upper Lake, Willits. | |
| 39 | 25 | 14-57-53 | 2.8 | 40° 35' 123° 45' | c | 26 miles east of Ferndale. | |
| 40 | 25 | 16-34-58 | 2.9 | 41° 10' 123° 18' | c | 34 miles NW of Weaverville. | |
| 41 | 26 | 08-35-39 | 2.6 | 41.3° 123.4° | d | 42 miles NW of Weaverville. | |
| 42 | 28 | 01-54-08 | 3.0 | 40.5° 124.4° | d | 10 miles SW of Ferndale. | |

| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude | | | Longitude | | | Remarks |
|---------|-----------|----------------------|-----|----------|----------|---|--|------|---|---------|
| | | | | North | West | Q | North | West | Q | |
| 43 | May 28 | 03-51-13 | 4.3 | 35° 53' | 120° 30' | b | 20 miles SW of Coalinga. IV at Paso Robles, II at San Miguel. | | | |
| 43 | 28 | 07-58-33 | 3.5 | 35° 53' | 120° 30' | c | Aftershock. Felt at San Miguel. | | | |
| 44 | 29 | 10-20-16 | 2.9 | 35.9° | 121.2° | d | 20 miles south of King City. | | | |
| 45 | 30 | 11-12-39 | 3.0 | 40.3° | 124.6° | d | 30 miles SW of Ferndale. | | | |
| 46 | 30 | 14-55-53 | 3.2 | 39° 38' | 120° 00' | b | 12 miles NW of Reno, Nevada. | | | |
| 47 | 30 | 20-45-44 | 3.6 | 40° 28' | 124° 27' | c | 13 miles SW of Ferndale. | | | |
| 48 | 31 | 23-51-17 | 3.2 | 36.1° | 120.4° | d | Near Coalinga. | | | |
| 49 | June 1 | 02-30-39 | 3.0 | 40° 30' | 121° 11' | c | 25 miles NE of Mineral. | | | |
| 50 | 1 | 03-16-54 | 3.3 | 39.6 | 118.0° | d | 40 miles east of Fallon, Nevada. | | | |
| 51 | 4 | 00-28-27 | 2.2 | 37° 57' | 121° 54' | b | 20 miles ENE of Berkeley. | | | |
| 52 | 4 | 09-20-29 | 3.9 | 40° 26' | 125° 20' | c | 55 miles west of Ferndale. | | | |
| 53 | 4 | 12-28-55 | 2.8 | 40.2° | 124.6° | d | 30 miles SW of Ferndale. | | | |
| 53 | 5 | 12-03-08 | 2.9 | 40° 12' | 124° 38' | c | 30 miles SW of Ferndale. | | | |
| 54 | 5 | 12-11-43 | 3.0 | 40° 13' | 124° 28' | c | 25 miles SSW of Ferndale. | | | |
| 55 | 5 | 21-21-12 | 1.9 | 37° 14' | 122° 15' | b | 12 miles SSW of Palo Alto. Blast? | | | |
| 56 | 6 | 18-00-20 | 1.8 | 37° 58' | 122° 28' | b | 12 miles north of San Francisco. | | | |
| 57 | 6 | 20-26-33 | 2.9 | 36.0° | 120.3° | d | 10 miles south of Coalinga. | | | |
| 58 | 9 | 01-49-57 | 2.4 | 37° 02' | 121° 55' | c | 6 miles NE of Santa Cruz. | | | |
| 59 | 10 | 05-28-39 | 2.5 | 37.2° | 119.3° | d | 40 miles NE of Fresno. Felt at Big Creek (near Huntington Lake). | | | |
| 60 | 10 | 21-19-03 | 2.0 | 37° 13' | 122° 12' | b | 14 miles south of Palo Alto. Blast? | | | |
| 61 | 11 | 23-35-43 | 2.2 | 38° 03' | 122° 28' | c | 18 miles north of San Francisco. | | | |
| 62 | 12 | 02-45-36 | 2.2 | 36° 52' | 121° 37' | c | Near Hollister. | | | |
| 63 | 12 | 17-50-00 | 3.1 | 37° 44' | 122° 04' | a | 12 miles SE of Berkeley. IV in San Francisco Bay region. | | | |

| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude | | | Longitude | | | Remarks |
|---------|-----------|----------------------|-----|----------|----------|---|---|------|---|---------|
| | | | | North | West | Q | North | West | Q | |
| 63 | June 13 | 00 00 30 | 2.8 | 37° 44' | 122° 04' | c | Aftershock. Felt. | | | |
| 64 | 13 | 00-01-14 | 3.1 | 37° 15' | 122° 01' | c | SW of San Jose. | | | |
| 65 | 13 | 22-54-05 | 3.2 | 36° 46' | 121° 17' | a | 8 miles SE of Hollister. Felt at Hollister. | | | |
| 66 | 14 | 11-05-19 | 2.5 | 36° 48' | 121° 38' | c | 12 miles WSW of Hollister. | | | |
| 67 | 18 | 03-31-15 | 2.5 | 40° 12' | 124° 12' | c | 22 miles WNW of Garberville. | | | |
| 68 | 19 | 11-24-50 | 2.8 | 36.3° | 120.7° | d | 20 miles east of King City. | | | |
| 69 | 22 | 15-22-35 | 4.3 | 35° 56' | 120° 23' | c | 15 miles WSW of Coalinga. Felt at Paso Robles and Coalinga. | | | |
| 70 | 23 | 21-38-05 | 1.9 | 37° 15' | 122° 15' | c | 12 miles south of Palo Alto. Blast? | | | |
| 71 | 26 | 05-40-32 | 3.1 | 40.4° | 124.3° | d | 12 miles south of Ferndale. | | | |
| 72 | 27 | 14-15-58 | 3.3 | 39° 17' | 119° 35' | c | 15 miles SE of Reno, Nevada. | | | |
| 73 | 27 | 22-39-22 | 2.5 | 37° 42' | 121° 46' | c | Near Livermore. | | | |
| 74 | 28 | 01-43-16 | 3.7 | 39° 38' | 120° 02' | b | 14 miles NW of Reno, Nevada. Aftershock of magnitude 2.6 at 03-00-59. | | | |
| 75 | 28 | 12-45-13 | 4.6 | 40° 45' | 127° 26' | c | 170 miles west of Arcata. | | | |
| 76 | 28 | 13-24-24 | 3.3 | 39.9° | 118.8° | d | SW of Lovelock, Nevada. | | | |
| 77 | 29 | 11-08-24 | 3.1 | 39° 43' | 122° 23' | c | 25 miles west of Chico. V at Orland, IV at Willows. | | | |
| 78 | 29 | 13-24-03 | 3.0 | 40° 40' | 121° 56' | c | 25 miles east of Shasta. | | | |

THE REGISTRATION OF EARTHQUAKES

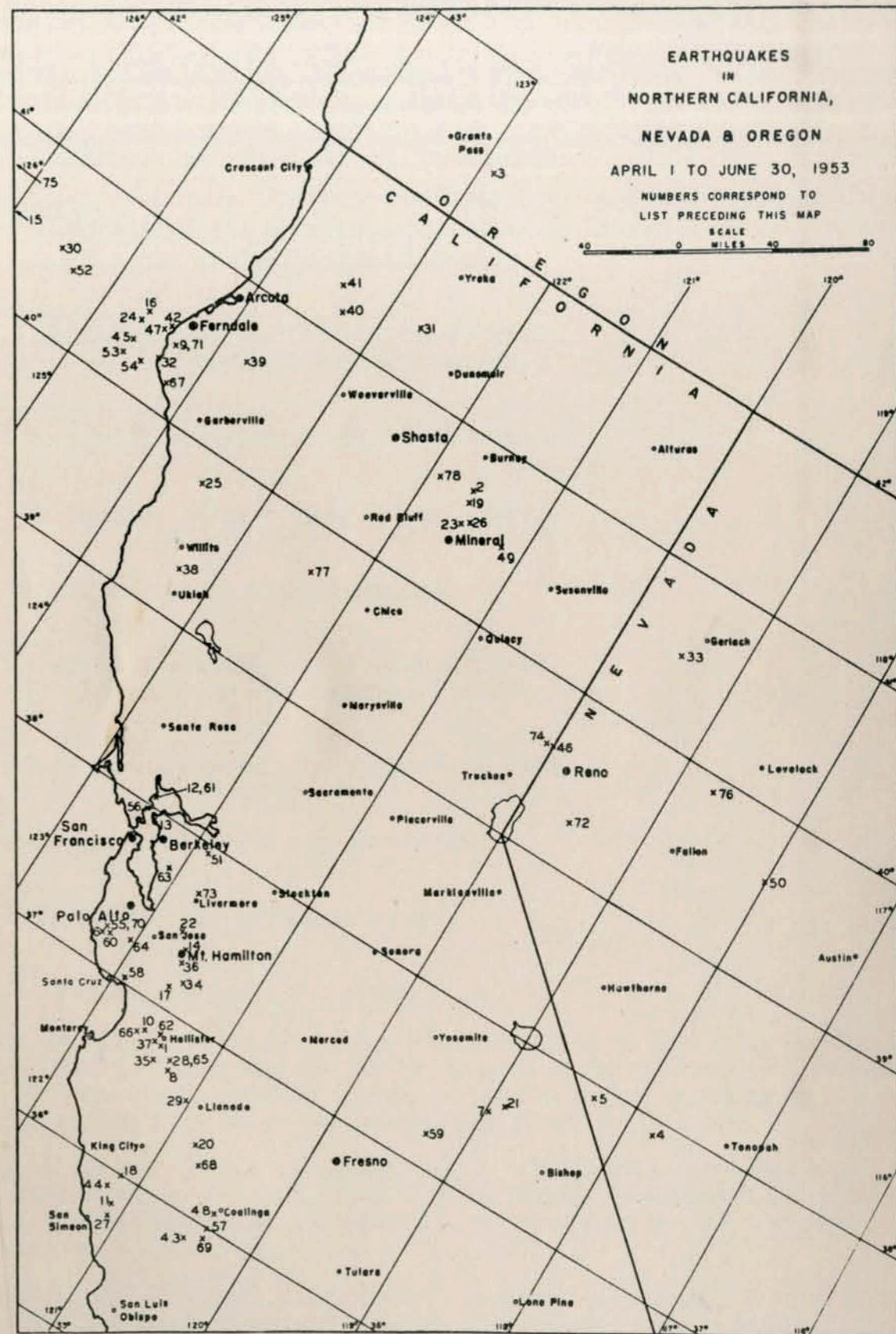
at

 BERKELEY, MOUNT HAMILTON, PALO ALTO, SAN FRANCISCO, FERNDALE,
 FRESNO, MINERAL, ARCATA, RENO, CORVALLIS, AND SHASTA

All large regional shocks and all distant earthquakes are tabulated on the following pages. Earthquakes in the Northern California, Nevada and Oregon region are included only if of magnitude 5 or greater, or if of special interest. Times of distant shocks are not normally included for Palo Alto, San Francisco, or Ferndale except in cases of defective records at Mount Hamilton, Berkeley, or Arcata, respectively. Communications regarding readings of seismograms should be addressed to Seismographic Station, University of California, Berkeley 4, California. Readings from the Corvallis Station are sent to the University of California by the courtesy of Dr. H. R. Vinyard, Oregon State College.

| <u>Station</u> | <u>North Latitude</u> | <u>West Longitude</u> | <u>Altitude Meters</u> | <u>Feet</u> | <u>Station Symbol</u> | <u>Present Auspices and Date Established</u> |
|----------------|-----------------------|-----------------------|------------------------|-------------|-----------------------|--|
| Berkeley | 37° 52.3' | 122° 15.6' | 81 | 266 | B, BG* | University of California - 1887 |
| Mt. Hamilton | 37° 20.4' | 121° 38.6' | 1281.7 | 4205 | MH | Lick Observatory - 1887 |
| Palo Alto | 37° 25.1' | 122° 10.8' | 83 | 272 | PA | Stanford University - 1927 |
| San Francisco | 37° 46.4' | 122° 27.2' | 100 | 328 | SF | University of San Francisco - 1931 |
| Ferndale | 40° 34' | 124° 16' | 17 | 55 | Fe | City of Ferndale - 1933 |
| Fresno | 36° 46.1' | 119° 47.8' | 88.4 | 290 | F | Fresno State College - 1935 |
| Mineral | 40° 21' | 121° 35' | 1495 | 4906 | M | National Park Service Lassen Volcanic National Park - 1938 |
| Arcata | 40° 52.6' | 124° 04.5' | 60 | 195 | A | Humboldt State College - 1948 |
| Reno | 39° 32.3' | 119° 48.8' | 1386 | 4546 | R | University of Nevada - 1948 |
| Corvallis | 44° 35.1' | 123° 18.2' | 133 | 405 | C | Oregon State College - 1950 |
| Shasta | 40° 41.7' | 122° 23.3' | 312.4 | 1025 | SH | Bureau of Reclamation - 1942 |

*B denotes readings of short period instruments, BG of long period instruments (12 sec. Galitzin-Wilip).



STATION EQUIPMENT

Berkeley:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.
- 3 - Long-period Galitzin-Wilip.
- 2 - Horizontal-component 100 kg. Bosch-Omori.

Mt. Hamilton:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

Palo Alto:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

San Francisco:

- 2 - Horizontal-component Wood-Anderson torsion.

Ferndale:

- 2 - Horizontal-component 25 kg. Bosch-Omori.

Fresno:

- 3 - Components short-period Sprengnether.

Mineral:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

Arcata:

- 2 - Horizontal-component Wood-Anderson torsion.

Reno:

- 3 - Components short-period Sprengnether.

Corvallis:

- 3 - Components short-period Slichter.

Shasta:

- 3 - Components short-period Benioff.

For all stations, the three components are indicated by N, E, Z in the "phase" column. When no letter appears, the phase is read from the vertical component only. "i" (impetus) preceding a phase designates sudden beginning of the motion; "e" (emersio) designates gradual beginning.

In the column headed "Ground Motion", "c" or "d" indicates compression or dilatation of the ground as indicated by the vertical component instrument. N, S, E or W indicates that ground motion was north, south, east, or west, respectively.

Maximum amplitude of earth displacement in microns (A) and period in seconds (T) of the indicated phases are given for the Berkeley station in the column headed "Time (GCT)". Combined horizontal amplitude of N and E components are designated by H.

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| April 1 | MH | e | 07 59 00.3 | c | |
| | M | e | 58 55.9 | d | |
| | | e | 08 00 33.3 | d | |
| 1 | SH | eP | 07 58 56.2 | c | |
| | B | eP | 10 59 11.5 | c | USCGS: 0°, 81°W 0 = 10 49 41 Near Coast of Ecuador (Foreshock) |
| | MH | iP | 06.8 | c | |
| | | i | 21.4 | | |
| | F | eP | 58 52.6 | d | |
| | M | eP | 59 17.1 | c | |
| | | i | 42.7 | | |
| | R | eP | 04.3 | | |
| | | eNZ | 07.7 | c | |
| | SH | eN | 11 00 36.5 | c | |
| | | e | 10 59 36.4 | c | |
| 1 | B | e | 11 00 11.8 | | |
| | MH | eP | 11 30 54.3 | c | USCGS: 0°, 81°W 0 = 11 21 23 Near Coast of Ecuador |
| | | eP | 46.5 | c | |
| | | i | 50.1 | d | |
| | | i | 31 39.9 | d | |
| | F | e | 30 37.1 | | |
| | M | eP | 31 28.3 | c | |
| | | e | 44.3 | c | |
| | R | e | 30 53.8 | d | |
| | SH | e(P) | 31 05.3 | | |
| | | e | 34.4 | | |
| 1 | B | eP | 18 23 15.9 | c | USCGS: Bonin Islands 0 = 18 11 20. |
| | MH | eP | 20.1 | c | |
| | | i | 50.8 | c | |
| | F | i | 44.4 | d | |
| | | e | 24 05.7 | | |
| | | e | 15.9 | | |
| | M | eP | 23 12.4 | c | |
| | | e | 19.3 | c | |
| | R | eP | 20.7 | c | |
| 1 | MH | eP | 22 46 45.3 | d | USCGS: 7 $\frac{1}{2}$ °N, 78 $\frac{1}{2}$ °W 0 = 22 37 51 Near Coast of Panama |
| | M | e | 47 23.0 | c | |
| | R | eP | 46 40.6 | | |
| | | e | 47 17.9 | | |
| | | e | 49 07.6 | | |
| 2 | B | eP | 04 09 04.9 | d | USCGS: 5°S, 151 $\frac{1}{2}$ °E 0 = 03 56 06 New Britain |
| | | ipP | 21.9 | c | |
| | BG | eSE | 19 30 | | |
| | | eREZ | 37 | | |
| | MH | eP | 09 07.2 | c | |
| | | iP | 10.6 | d | |
| | | ipP | 28.5 | d | |
| | F | ePP | 12 43.3 | d | |
| | | eP | 09 13.2 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| April 2 | | | | | |
| | | epP | 30.4 | c | |
| | | e | 10 19.4 | | |
| | | e | 13 00.5 | c | |
| | M | eP | 09 08.2 | c | |
| | | i | 16.7 | d | |
| | | ipP | 25.5 | c | |
| | | i | 39.4 | c | |
| | | e | 12-58.5 | | |
| | R | eP | 09 15.1 | d | |
| | | epP | 31.6 | c | |
| | | eSNEZ | 19 44.6 | | |
| | SH | eP | 09 05.7 | c | |
| | | i | 18.4 | c | |
| | | i | 45.1 | d | |
| | | e | 12 11.1 | | |
| | | eSNE | 19 32.4 | | |
| 2 | M | e(P) | 10 28 02.7 | c | |
| | SH | e(P) | 27 53.0 | c | |
| | 3 | B | 04 29 38.9 | d | |
| | | i | 44.6 | d | |
| | | i | 30 15.8 | | |
| | MH | eP | 29 38.8 | c | USCGS: 15 $\frac{1}{2}$ °S, 172°W 0 = 04 18 15 Samoa Islands Region |
| | | i | 45.8 | d | |
| | | i | 30 06.2 | d | |
| | | i | 42.3 | c | |
| | F | eP | 29 42.5 | c | |
| | | e | 49.2 | d | |
| | | e | 30 42.7 | | |
| | M | eP | 29 49.2 | c | |
| | | e | 55.5 | d | |
| | R | eP | 30 22.8 | d | |
| | | e | 29 52.6 | c | |
| | | eN | 30 22.1 | | |
| | | e | 40 04.6 | | |
| | SH | eP | 29 48.6 | c | |
| 3 | MH | iP | 16 36 45.2 | c | USCGS: 53°N, 160°E 0 = 16 27 15 Near East Coast of Kamchatka |
| | M | iP | 29.9 | c | |
| | | e | 57.5 | c | |
| | SH | iP | 25.3 | c | |
| 3 | M | e | 18 03 12.6 | c | USCGS: Near East Coast of Honshu, Japan 0 = 17 51 39 |
| | | e | 23.1 | | |
| | SH | e | 04 44 24.5 | c | |
| 4 | B | eP | 06 03 47.4 | d | USCGS: 36 $\frac{1}{2}$ °N, 141°E 0 = 05 52 15 Near East Coast of Honshu, Japan |
| | | e | 04 04.1 | | |
| | BG | eN | 22 18 | | |
| | MH | iP | 03 52.0 | d | |
| | | i | 04 37.1 | d | |
| | | e | 09 09.4 | d | |
| | M | iP | 03 42.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------------------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| April 4 | R | e | 51.0 | | |
| | | e | 09 35.2 | | |
| | R | eP | 03 52.1 | | |
| | | e | 04 01.6 | | |
| | SH | eEZ | 09 38 | | |
| | | eP | 03 38.4 | | |
| | | e | 46.4 | | |
| 4 | MH | eP | 09 29 | | |
| | | e | 35.7 | c | |
| | M | eP | 15 58.8 | c | |
| | SH | eP | 56.6 | | |
| | | e | 16 10.3 | | |
| 4 | M | eP | 10 34 30.8 | c | |
| 5 | MH | e | 04 12 07.2 | c | |
| | SH | e | 00. | c | |
| 5 | MH | eP | 09 07 16.3 | c | USCGS: Kermadec Islands O = 08 54 30 |
| | | i | 22.9 | d | |
| | F | eP | 18.2 | c | |
| | R | eP | 27 | c | |
| | | e | 43 | d | |
| | SH | eP | 24.3 | c | |
| | | e | 53.4 | | |
| 5 | MH | e(P) | 10 29 00.6 | d | USCGS: 22°N, 123°E O = 10 15 30 |
| | F | e | 48 | d | |
| | SH | eP | 28 50.2 | c | Off Coast of Formosa |
| | | eNZ | 29 00.7 | d | |
| | | e | 10.4 | d | |
| 6 | MH | i(P) | 00 08 06.5 | d | |
| | | e | 14.5 | c | |
| | | e | 37.3 | d | |
| | M | e(P) | 07 46.8 | c | |
| | | e | 08 37.1 | d | |
| | R | e(P) | 07 59 | | |
| | | i | 08 35.5 | | |
| | SH | eP | 07 43.4 | d | |
| | | e | 08 29.9 | c | |
| 6 | B | eP | 00 50 32.8 | d | USCGS: 70°S, 132°E O = 00 36 12 |
| | | e | 53.8 | | |
| | | e(P ¹) | 54 25.6 | d | Banda Sea |
| | | ePP | 54.8 | d | |
| | MH | iP | 50 36.3 | c | |
| | | e | 51 16.3 | c | |
| | | e | 42.8 | c | |
| | | ePP | 55 01.9 | d | |
| | | e | 15.6 | | |
| | F | eP | 50 41.3 | d | |
| | | e | 54 43.3 | | |
| | | eE | 51.6 | | |
| | | ePP | 55 09.6 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| April 6 | M | eP | 50 33.7 | d | |
| | | e | 46.7 | | |
| | R | e | 54 40.9 | d | |
| | | i | 58.1 | d | |
| | R | eP | 50 40.6 | d | |
| | | e | 51 04.1 | d | |
| | | e | 53 50 | | |
| | SH | iPP | 55 08.1 | c | |
| | | eP | 50 31.5 | d | |
| | | eNEZ | 54 05.1 | | |
| | | ePP | 54.8 | | |
| 6 | MH | eP | 12 24 20.3 | d | USCGS: 52°N, 155°E O = 12 14 41 |
| | | i | 45.9 | d | |
| | | i | 25 12.8 | c | Near East Coast of Kamchatka |
| | F | eP | 24.34.6 | d | |
| | M | eP | 04.2 | c | |
| | | i | 08.0 | d | |
| | R | ePNZ | 58.5 | c | |
| | SH | eP | 19.8 | d | |
| | | i | 23 55.8 | d | |
| | | eNZ | 24 03.9 | d | |
| | | e | 17.8 | | |
| | | e | 48 | | |
| 7 | SH | e(P) | 02 13 20.0 | | |
| | | i | 34.5 | c | |
| | | e | 14 24.8 | | |
| 7 | B | iP | 17 39 53.8 | c | USCGS: Fiji Islands Region O = 17 27 34 |
| | MH | iP | 54.6 | c | |
| | | i | 58.1 | c | |
| | | i | 40 07.6 | c | |
| | | e | 42 05.5 | d | |
| | F | e(PP) | 43 12.6 | c | |
| | | iP | 39 57.8 | c | |
| | | ePP | 43 07.9 | | |
| | M | eP | 40 02.9 | c | |
| | | i | 08.4 | d | |
| | | e | 42 09.1 | c | |
| | R | iP | 40 06.3 | c | |
| | SH | iPNZ | 02.2 | c | |
| | | i | 11.0 | | |
| | | e | 42 04.0 | | |
| | | eN | 43 24.5 | | |
| 7 | MH | eP | 20 45 08.1 | d | |
| | | i | 13.1 | c | |
| | | e | 25.1 | d | |
| | M | eP | 16.9 | c | |
| | SH | eP | 16.4 | c | |
| | | e | 20.6 | d | |
| | | e | 46 47.9 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| April 8 | SH | eP | 01 12 19.3 | d | |
| | | e | 28.7 | c | |
| | | e | 16 27.2 | | |
| 8 | R | eP | 05 23 11.5 | | USCGS: Near East Coast of Kamchatka. |
| | SH | eP | 22 56.0 | | 0 = 05 13 39 |
| | | e | 23 08.2 | | |
| 8 | MH | eP | 08 25 56.6 | e | USCGS: Central Chile |
| | | epP | 26 19.3 | d | 0 = 08 13 30 |
| | R | eP | 02.5 | | |
| | | e | 30.5 | | |
| | SH | ePNZ | 10.8 | c | Felt: Santiago & Vicinity |
| | | epP | 32.1 | d | |
| 9 | MH | iP | 15 57 18.9 | c | |
| | | e | 30.2 | c | |
| | | e | 56.6 | d | |
| | M | eP | 05.8 | c | |
| | | i | 41.5 | d | |
| | R | i | 30.2 | | |
| | SH | eP | 00.9 | d | |
| 9 | MH | eP | 16 28 03.0 | c | |
| | M | | 18.9 | c | |
| 10 | MH | e | 06 52 31.3 | d | |
| | M | e | 55.6 | c | |
| | R | e | 43.2 | | |
| 10 | MH | e | 19 22 26.2 | d | |
| | M | e | 56.2 | d | |
| | | eP | 36.0 | c | |
| | | i | 45.9 | c | |
| 11 | MH | i | 03 31 37.7 | c | |
| | M | e | 32 24.6 | | |
| | R | e | 31 35.4 | | |
| | SH | e | 25.2 | d | |
| 12 | MH | iP | 06 17 48.3 | c | |
| | | e | 18 20.5 | d | |
| | F | eP | 17 51.4 | d | |
| | M | eP | 56.7 | d | |
| | SH | eP | 56.3 | c | |
| 12 | M | eP | 07 31 18.6 | d | USCGS: 53°N, 160°E |
| | | e | 38.1 | d | 0 = 07 22 00 |
| | R | e | 41.7 | c | Off East Coast of Kamchatka |
| | SH | eP | 14.4 | d | |
| 12 | MH | iP | 15 19 53.6 | c | |
| | | epP | 20 36.5 | c | USCGS: Central Chile - Argentina |
| | F | eP | 19 44.4 | c | Border, h = 200.0 |
| | | e | 21 52 | d | 0 = 15 08 00 |
| | | e | 25 08.6 | | |
| | M | iP | 20 02.4 | c | |
| | | epP | 45.2 | c | |
| | R | eP | 19 55.0 | d | |

| Date | Sta. | Phase | (Time (GCT)) | Ground Motion | Remarks |
|----------|------|----------|--------------|---------------|--|
| 1953 | | | h. m. s. | | |
| April 12 | SH | epP | 20 40.5 | | |
| | | ePNZ | 04.5 | d | |
| | | iEZ | 05.2 | d | |
| | | eNE | 57 | | |
| | | | | | |
| 12 | MH | eP | 22 39 58.1 | c | USCGS: 53°N, 160°E |
| | F | e | 40 40.1 | d | 0 = 22 30 24 |
| | | eP | 08 | c | Off East Coast of Kamchatka. |
| | | e | 41 12 | | |
| | M | e | 39 57.0 | c | |
| | R | eP | 54.6 | d | |
| | SH | iP | 38.4 | c | |
| | | e | 59.5 | | |
| | | eN | 40 13.6 | | |
| | | i | 51.1 | | |
| 14 | MH | e | 05 19 17.4 | d | |
| | | e | 20 24.7 | c | |
| | M | e | 18 41.6 | c | |
| | | i | 49.7 | c | |
| | SH | eP | 40.7 | c | |
| | | e | 52.6 | | |
| 13 | B | iP | 13 39 16.8 | d | USCGS: 7 $\frac{1}{2}$ S, 71 $\frac{1}{2}$ W |
| | | epP | 41 18.0 | | h = 650, 0 = 13 29 26 |
| | | ePP | 53 | | Western Brazil |
| | BG | iSNEZ | 47 08.5 | | Pas: Magnitude 7 |
| | | esSNEZ | 50 46 | | |
| | | eSSNE | 51 55 | | |
| | B | eP'P' | 14 07 35.5 | | |
| | | e | 46.0 | | |
| | | A | T | | |
| | | PZ | 6 | 5 | |
| | | SH | 60 | 10 | |
| | MH | eP | 13 39 10.3 | d | |
| | | i | 42 23.8 | d | |
| | | i | 43 59.8 | c | |
| | | eS | 47 05.4 | | |
| | | eNE | 08.5 | | |
| | | eP'P' | 14 07 40.9 | | |
| | | e(SKPP') | 10 04.6 | | |
| | F | iPEZ | 13 38 58.7 | d | |
| | | i(pP) | 40 47.2 | | |
| | | eSNEZ | 46 45.2 | c | |
| | | eP'P' | 14 07 16.9 | | |
| | | eNZ | 47 | | |
| | M | iP | 13 39 19.4 | d | |
| | | i | 56.3 | d | |
| | | eP'P' | 14 06 51.7 | | |
| | | e | 07 32.2 | | |
| | A | ePNE | 13 39 30.6 | | |
| | | eSNE | 47 47.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|----------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| April 13 | R | iPNEZ | 13 39 11.1 | d | |
| | | epPNEZ | 41 13.3 | | |
| | | iSNE | 47 08.8 | | |
| | | eP'P' | 14 07 23 | | |
| | | e | 45.6 | | |
| | C | e(SKPP') | 10 05 | | |
| | | iPE | 13 39 44 | | |
| | | iSE | 48 05 | | |
| | SH | iPNEZ | 39 22.9 | | |
| | | iPcPNZ | 47.9 | | |
| | | IPP | 42 00.1 | d | |
| | | eSNE | 47 29.9 | | |
| | | e | 38.0 | | |
| | | eP'P' | 06 49.1 | c | |
| | | e | 07 28.6 | d | |
| | | eEZ | 37.9 | | |
| 14 | | e | 09 39.4 | d | |
| | | e | 56.9 | | |
| 15 | R | e | 23 55 42.6 | | |
| | MH | eP | 00 54 41.5 | c | USCGS: East Central Peru 0 = 23 44 05 |
| 15 | M | e | 54.1 | c | |
| | B | eP | 01 26 52.7 | | |
| | | ipP | 27 06.9 | | |
| | | e | 28 05.5 | | |
| | BG | eSNE | 34 51.0 | | |
| | | eQNE | 41.2 | | |
| | | eE | 43.7 | | |
| | MH | eP | 26 57.7 | c | |
| | | epP | 27 11.8 | c | |
| | | e | 23.5 | d | |
| | | e | 28 33.0 | c | |
| | F | eP | 27 07.7 | c | |
| 15 | M | e | 57.5 | c | |
| | | eP | 26 44.8 | c | |
| | | ipP | 58.5 | c | |
| | R | i | 27 24.6 | d | |
| | | eP | 26 57 | | |
| | | epP | 27 10 | | |
| | | e | 47 | | |
| | | eSNE | 34 57 | | |
| | SH | iPNEZ | 26 40.5 | c | |
| | | ipPNZ | 52.5 | d | |
| 15 | M | e | 27 27.5 | | |
| | | e | 07 15 25.2 | d | |
| 15 | MH | e | 47.2 | d | |
| | | eP | 09 06 55.6 | c | |
| F | | e | 07 07.4 | c | |
| | | e | 17.3 | c | |
| | M | eP | 01.2 | c | |
| | | e | 02.7 | d | |
| | | e | 12.9 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| April 15 | R | eP | 07.6 | c | |
| | M | eP | 13 48 20.7 | c | |
| | MH | eP | 18 16 40.4 | c | |
| | F | eP | i 17 16.3 | c | |
| | M | eP | 16 50.1 | c | |
| | | e | 25.6 | c | |
| | R | eP | 49.8 | d | |
| | | e | 37.1 | c | |
| | | eE | 17 01.5 | d | |
| | | eP | 52.5 | | |
| | 16 | MH | 05 46 58.8 | c | |
| | | e | 47 08.3 | c | |
| | | e | 33.3 | c | |
| 16 | F | eP | 03.0 | | |
| | M | e | 13.0 | c | |
| | R | e | 02 .9 | c | |
| | | e | 05.9 | c | |
| | | e | 35.9 | d | |
| | R | e | 12 | | |
| | SH | eP | 04.9 | | |
| | | e | 14.4 | | |
| | | e | 33. | d | |
| | BG | eRNZ | 08 20.6 | | |
| | | eE | 22.2 | | |
| | MH | eP | 05 12.6 | d | |
| 16 | | e | 21.7 | d | |
| | | e | 39.2 | c | |
| | F | e | 12.5 | | |
| | M | e | 37.4 | c | |
| | R | e | 56.3 | d | |
| | SH | eP | 35.3 | d | |
| | M | eP | 15.5 | | |
| | | i | 09 05 18.3 | d | |
| | | i | 24.3 | c | |
| | R | eP | 29.8 | c | |
| | SH | eP | 35 | | |
| | | e | 11.6 | | |
| 16 | R | eNZ | 19.8 | | |
| | | e | 51.5 | | |
| | M | e | 14 26 20.5 | c | USCGS: Northern Kurile Islands 0 = 08 55 40 |
| | SH | eP | 15.8 | | |
| 17 | | eE | 40.3 | | |
| | B | eP | 00 12 58.0 | c | |
| | BG | e(PcP) | 13 37.5 | | |
| | | eSN | 21 13 | | |
| | MH | eNE | 33.4 | | |
| 15 | | iP | 12 54.6 | c | Pas: Magnitude 6 - 6½ |
| | | | | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|--------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| April 17 | F | i | 13 28.4 | d | |
| | eP | | 12 41.5 | c | |
| | M | eP | 13 04.5 | c | |
| | e | | 24.2 | d | |
| | R | i | 50.0 | d | |
| | eP | | 12 56.0 | d | |
| | e | | 13 06.0 | d | |
| | SH | eP | 08.5 | c | |
| | eNZ | | 47 | | |
| 17 | B | e(SS)N | 11 40 05 | | USCGS: New Britain Region Foreshock. |
| | eQN | | 46.7 | | 0 = 11 10 17 |
| | eREZ | | 54.2 | | |
| | MH | eP | 23 20.3 | d | |
| | e | | 51.2 | c | |
| | e | | 24 15.0 | c | |
| | F | e | 23 20 | | |
| | e | | 28 10 | | |
| | SH | eP | 23 14.2 | | |
| | e | | 19.0 | | |
| | e | | 24 11.5 | | |
| 18 | M | e | 00 24 52.0 | c | |
| | SH | eP | 12.4 | d | |
| 18 | B | eP | 03 29 21.5 | | |
| | MH | eP | 27.2 | d | |
| | i | | 37.4 | d | |
| | F | eP | 32.0 | | |
| | M | eP | 30.4 | c | |
| | e | | 30 00.5 | d | |
| | R | eP | 29 34.7 | | |
| | SH | eP | 30.0 | | |
| | e | | 33 06.2 | | |
| 18 | F | eP | 04 10 51.0 | c | |
| | M | eP | 47.4 | c | |
| 18 | BG | eSN | 23 37 43 | | USCGS: 10°N, 102°W, 0 = 23 25 40 |
| | eE | | 39 58 | | Off South Coast of Mexico. |
| | eNZ | | 40 13 | | |
| | MH | eP | 32 05.5 | c | |
| | ePcP | | 34 46.9 | d | |
| | F | eP | 31 50.5 | | |
| | e | | 33 54.0 | | |
| | M | eP | 32 26.9 | c | |
| | i | | 48.3 | c | |
| | ePP | | 33 52.7 | d | |
| | R | eP | 32 15.8 | | |
| | e | | 34 18 | | |
| | e | | 44 10 | | |
| | SH | eP | 32 29.9 | c | |
| | e | | 34 54.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|--------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| April 19 | MH | e | 12 26 35.6 | d | USCGS: New Hebrides Islands Region |
| | M | eP | 32.8 | c | 0 = 12 13 12 |
| | e | | 43.6 | c | |
| | SH | eP | 30.5 | c | |
| 19 | R | eP | 16 06 39 | | USCGS: Off South Coast of Kyushu, |
| | e | | 07 45.3 | | Japan |
| | SH | eP | 06 27.4 | c | 0 = 15 54 05 |
| 19 | B | eP | 22 55 33.0 | | USCGS: 50 $\frac{1}{2}$ N, 179°W, 0 = 22 47 39 |
| | i | | 40.4 | | Andreaonof Islands, Aleutians |
| | BG | eSEZ | 23 01 49 | | Felt: Adak. |
| | eNE | | 03 13 | | |
| | eE | | 04.2 | | |
| | MH | iP | 22 55 41.4 | d | |
| | i | | 56 04.3 | d | |
| | F | eP | 55 54.0 | | |
| | ePP | | 57 23.0 | | |
| | M | eP | 55 25.3 | c | |
| | e | | 56 23.5 | | |
| | R | eP | 55 38.8 | c | |
| | eEZ | | 55.1 | | |
| | e | | 58 51.3 | | |
| | eS | | 23 01 47 | | |
| | e | | 02 03.4 | | |
| | SH | eP | 22 55 19.8 | c | |
| | eNZ | | 38.1 | d | |
| 20 | M | eP | 05 24 28.5 | d | |
| 20 | BG | eSN | 11 22 23. | | USCGS: Kermadec Islands |
| | eN | | 31.2 | | 0 = 11 00 31 |
| | MH | eP | 13 06.9 | c | |
| | e | | 37.7 | c | |
| | F | eP | 12.0 | c | |
| | M | iP | 17.1 | c | |
| | i | | 38.4 | d | |
| | R | eP | 21.8 | c | |
| | e | | 14 24 | | |
| | eE | | 15 22 | | |
| | e | | 20.1 | | |
| | 22 | MH | 04 14 41.4 | d | |
| | 22 | MH | 10 15 43.7 | d | |
| | 23 | SH | 07 21 27 | | |
| | eNE | | 22 13 | | |
| 23 | B | eP | 16 37 22 | | USCGS: 40°S, 154°E, 0 = 16 24 17 |
| | e | | 43.5 | | New Britain Region |
| | ePP | | 41 02.5 | | Pas: Magnitude 7 $\frac{1}{2}$ - 7 3/4 |
| | eSKSN | | 48 24 | | |
| | eN | | 31 | | |
| | e(S)EZ | | 38 | | |
| | e | | 49 56 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|----------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| April 29 | SH | eP | 44 08.0 | c | |
| | | e | 16.8 | | |
| 29 | MH | e | 20 32 10.4 | d | USCGS: 43°N, 143°E, 0 = 20 21 00 |
| | R | e | 16.3 | | Hokkaido, Japan |
| 29 | SH | e(P) | 31 55.0 | | |
| 29 | MH | eP | 22 03 26.6 | c | USCGS: 49½°N, 156°E, 0 = 21 53 30 |
| | | i | 46.6 | d | Kurile Islands |
| | F | e | 04 19.0 | c | |
| | | e | 03 37 | | |
| | | e | 53.0 | | |
| | R | eP | 24.5 | c | |
| | | e | 41.4 | d | |
| | SH | iP | 08.0 | c | |
| | | e | 24.5 | c | |
| 30 | MH | eP | 01 18 59.3 | c | USCGS: Near East Coast of Kamchatka |
| | | e | 19 08.9 | d | 0 = 01 09 23 |
| 30 | SH | eP | 18 40.5 | | |
| 30 | B | iP | 06 39 27.5 | c | |
| | | i | 29.8 | c | |
| | | i | 41.5 | d | |
| | F | ePP | 42 25 | | |
| | | eSNE | 49 40 | | |
| | | e(SoS)NE | 50 15 | | |
| | | e(SP)NEZ | 51 18.5 | | |
| | F | i | 56 30 | | |
| | | eNE | 59.4 | | |
| | | eN | 07 03.3 | | |
| | | eRNEZ | 06.1 | | |
| | | A T | | | |
| | MH | MAXH | 70 20 | | |
| | MH | iP | 06 39 29.6 | d | |
| | | i | 32.9 | d | |
| | | e | 40 06.3 | d | |
| | F | eP | 39 34.5 | c | |
| | | i | 36.5 | c | |
| | | e | 53.0 | c | |
| | M | ePNE | 38.5 | | |
| | R | eP | 39.8 | | |
| | | iPNEZ | 41.6 | c | |
| | | eNE | 40 28 | | |
| | | eEZ | 42 15.5 | | |
| | | eEZ | 50 19 | | |
| | C | e | 07 05.1 | | |
| | | iP | 06 39 42 | | |
| | | eR | 07 08.1 | | |
| | SH | eP | 06 39 34.6 | c | USCGS: 20½°S, 170°E, 0 = 06 26 40 |
| | | eE | 50 15.5 | | Loyalty Islands |
| | | eE | 51 38.0 | | Pas: Magnitude 6 3/4 |
| 30 | F | e | 08 15 05 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| April 30 | | e | 16 51 | | |
| | | eN | 55 | | |
| | | e | 19 47 | | |
| | | e | 22 04.5 | | |
| 30 | MH | eP | 19 32 59.1 | c | |
| | SH | eP | 50.5 | c | |
| | | e | 33 51.5 | | |
| May 1 | B | eP | 00 09 27.5 | | |
| | BG | eRNZ | 29.8 | | |
| | MH | eP | 09 23.8 | c | |
| | | i | 27.5 | d | |
| | | e | 43.9 | c | |
| | F | eP | 19.0 | c | |
| | | e | 38.5 | | |
| | R | eP | 34.3 | | |
| | | e | 56 | | |
| | SH | eP | 43.6 | | |
| 1 | B | eP | 06 49 24.3 | | Pas: 35°07'N, 118°27'W, 0 = 06 48 22 |
| | | iS | 50 13.0 | | Near Tehachapi, California |
| | MH | eP | 49 14.4 | c | USCGS: IV at Tehachapi |
| | | INEZ | 15.4 | | |
| | | i | 22.8 | | |
| | F | eSNE | 50 01.0 | | |
| | | ePNZ | 48 55.0 | d | |
| | | iS | 49 19.9 | | |
| | | eNE | 21.0 | | |
| | M | eN | 53.2 | | |
| | | eE | 49 55.5 | | |
| | R | eP | 51 20.5 | | |
| | | eSEZ | 49 30.6 | | |
| | SH | eP | 50 45.0 | | |
| | | e | 01.5 | | |
| | | eE | 13.5 | | |
| | | eSEZ | 54.5 | | |
| | 2 | B | 51 35 | | |
| | BG | eP | 18 47 34.2 | | USCGS: Off East Coast of Kamchatka |
| | | eSNE | 55.6 | | 0 = 18 38 12 |
| | | eQN | 19 02.0 | | |
| | | eRE | 04.9 | | |
| | MH | eP | 18 47 40.5 | c | |
| | F | eP | 54.5 | | |
| | | e | 48 04.0 | d | |
| | M | eP | 47 29.9 | c | |
| | | i | 35.6 | | |
| | | e | 39.9 | d | |
| | R | eP | 40.6 | | |
| | | e | 48 07 | | |
| | SH | eP | 47 23.5 | c | |
| 2 | SH | eP | 22 39 32.0 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|-------|------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| May 2 | MH | eP | 23 14 15.5 | d | |
| | | e | 26.7 | c | |
| | M | eP | 25.8 | c | |
| | R | e | 17.5 | | |
| | SH | eP | 26.8 | c | |
| 3 | M | eP | 13 24 07.2 | c | |
| 4 | MH | eP | 04 13 25.1 | c | USCGS: 53½°N, 161°E, O = 04 03 53 Off East Coast of Kamchatka |
| | | e | 34.3 | c | |
| | F | eP | 32.0 | d | |
| | M | eP | 04.7 | d | |
| | | e | 10.9 | c | |
| | | e | 43.4 | c | |
| | R | eP | 20.1 | | |
| | | e(PcP) | 14 24.0 | | |
| | SH | eP | 12 56.5 | d | |
| | | e | 13 06.5 | d | |
| 4 | MH | e | 06 46 05.4 | c | |
| 4 | M | e | 09.5 | d | |
| 4 | B | eP | 11 38 32.0 | | USCGS: 53½°N, 161°E, O = 11 29 08 Near East Coast of Kamchatka |
| | | e | 41.0 | | |
| | | e | 39 20.0 | | |
| | BG | eSNE | 46 03 | | |
| | | eQNE | 52.3 | | |
| | MH | eP | 38 34.2 | d | |
| | | e | 42.2 | c | |
| | | ePcP | 40 40.4 | c | |
| | F | eP | 38 47.5 | c | |
| | M | eP | 18.9 | c | |
| | i | | 32.8 | d | |
| | | e | 40 40.4 | d | |
| | R | eP | 38 34.0 | c | |
| | | e | 45.2 | | |
| | | eSNE | 46 01.5 | | |
| | SH | eP | 38 15.5 | | |
| | | i | 27.7 | | |
| | | e | 42 55.0 | | |
| | | e | 49 37.5 | | |
| 4 | MH | eP | 14 03 11.3 | d | USCGS: Off East Coast of Kamchatka |
| | M | e | 02 58.1 | d | O = 13 53 45 |
| | R | eP | 03 08 | | |
| | SH | eP | 02 51.5 | | |
| 4 | BG | eQNE | 15 00.3 | | USCGS: 30½°N, 114°W, O = 14 55 10 Northern Gulf of California |
| | | e | 00.8 | | |
| | MH | e | 00 06.4 | | |
| | F | eP | 14 57 12.0 | c | |
| | | e | 58 11.5 | | |
| | | eE | 59 11.0 | | |
| | | eN | 34.0 | | |
| | M | e | 15 01 18.2 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|-------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| May 4 | R | e | 14 40.9 | d | |
| | | e | 14 57 41 | | |
| | | e | 15 00 57.5 | | |
| | | e | 02 02.5 | | |
| | | e | 04 38 | | |
| | SH | e | 14 58 32.0 | | |
| | | e | 15 01 48.5 | | |
| | 4 | iP | 15 15 14.4 | c | USCGS: 28°S, 62½°W, h = 600 O = 15 26 30 |
| | | ipP | 40 16.9 | d | Santiago De Estero, Argentina |
| | | esp | 41 43.0 | | Pas: Magnitude 6½ |
| | BG | eSKSE | 47 48 | | |
| | | iSN | 48 02.0 | | |
| | MH | eP | 38 11.2 | c | |
| | | ipp | 40 13.7 | d | |
| | | isp | 40.7 | d | |
| | F | i | 41 40.6 | c | |
| | | eSKS | 48 02.5 | | |
| | F | eP | 38 02.1 | c | |
| | | epP | 40 04.2 | d | |
| | | eSNEZ | 47 36.0 | | |
| | M | eP | 38 19.5 | c | |
| | | epP | 40 21.0 | c | |
| | | e | 41 05.2 | d | |
| | R | eSKS | 48 07.2 | | |
| | | eP | 38 13.5 | c | |
| | | epP | 40 14.7 | c | |
| | | e | 41 03.0 | | |
| | | e(S)NEZ | 47 57.0 | c | |
| | SH | iP | 38 22.0 | c | |
| | | epP | 40 20.0 | | |
| | | eE | 25.0 | | |
| | | eSKSNE | 47 53.5 | | |
| | | eSNZ | 48 11.5 | | |
| 4 | M | e | 15 56 10.4 | d | |
| | | e | 35.2 | c | |
| | R | e | 15 | | |
| | SH | e(P) | 08.5 | | |
| | | e | 58 31.0 | d | |
| | 4 | BG | 21 03.1 | | Pas: Gulf of California, O = 20 58 |
| | | eEN | 03.3 | | Magnitude 5 |
| | MH | eP | 20 59 48.6 | c | |
| | | e | 21 00 01.5 | c | |
| | | e | 03 08.0 | d | |
| | F | e | 20 59 55 | | |
| | | eE | 21 02 04 | | |
| | | eE | 58 | | |
| | M | eP | 21 00 21.8 | d | |
| | | e | 38.8 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|-------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| May 4 | R | i | 59.2 | c | |
| | | e | 03 40.0 | c | |
| | | ePNZ | 00 01.9 | d | |
| | | e | 03 07.5 | c | |
| | | eN | 15.2 | | |
| | | e | 06 21 | | |
| | SH | e | 00 37.5 | | |
| 4 | B | iP | 21 21 30.5 | d | USCGS: 20 $\frac{1}{2}$ S, 68°W, h = 100 |
| | | epP | 59.5 | | 0 = 21 09 45 |
| | MH | eP | 26.7 | d | Chile-Bolivia Border |
| | | i | 28.6 | c | |
| | | ipP | 57.0 | d | |
| | F | eP | 17.0 | | |
| | M | eP | 35.8 | d | |
| | | epP | 22 07.2 | d | |
| | SH | eP | 21 39.0 | d | |
| | | epP | 22 09.5 | c | |
| 4 | B | eP | 23 36 43.0 | d | |
| | MH | iP | 49.3 | d | |
| | | i | 51.0 | c | |
| | F | eP | 58.8 | | |
| | | e | 37 11.5 | | |
| | M | iP | 36 34.7 | d | |
| | | i | 47.6 | d | |
| | SH | i(PcP) | 37 15.2 | d | |
| | | eP | 36 29.8 | d | |
| | | e | 42.5 | | |
| 5 | MH | eP | 04 10 35.6 | d | |
| | M | eP | 30.9 | d | |
| | SH | eP | 28.0 | | |
| | | | 55.0 | d | |
| 5 | MH | e | 05 38 09.8 | c | |
| | M | e | 00.0 | c | |
| | SH | e | 37 54.5 | | |
| | | e | 38 02.0 | c | |
| 5 | MH | e | 06 37 33.8 | d | |
| 5 | SH | eP | 08 43 09.8 | c | |
| | | e | 16.3 | d | |
| 5 | MH | e | 14 42 59.7 | c | |
| | R | eP | 43 06.6 | | |
| | SH | eP | 15.5 | d | |
| 5 | MH | eP | 18 20 14.8 | d | |
| | R | eP | 16.4 | d | |
| | SH | eP | 26.0 | d | |
| 6 | MH | e | 06 28 54.3 | c | |
| 6 | B | eP | 17 29 28.5 | | USCGS: 36 $\frac{1}{2}$ S, 73°W, h = 100 |
| | | i | 31.6 | d | 0 = 17 16 48. Central Chile |
| | | ipP | 48.3 | | Several killed. Minor property |
| | | eSKSNE | 39 56 | | damage in Concepcion and |
| | | eSNEZ | 40 13.5 | | vicinity. |
| | BG | eSSNE | 46 03 | | Pas: Magnitude 7.6 |
| | | e | 49 28 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|-------|------|---------|------------|---------------|---------|
| 1953 | | | h. m. s. | | |
| May 6 | MH | e | 53 20 | | |
| | | eP | 29 26.1 | c | |
| | | ipP | 45.4 | c | |
| | | ePP | 32 24.6 | c | |
| | | eSKSE | 39 55.5 | | |
| | | e | 40 01.0 | | |
| | | eN | 07.5 | | |
| | | e(PKKP) | 47 43.6 | c | |
| | | eP'P' | 55 38.9 | | |
| | | eE | 58.1 | | |
| | F | eP | 29 16.5 | c | |
| | | e | 19.5 | c | |
| | | epP | 35.4 | d | |
| | | eSKSE | 39 48.5 | | |
| | | eNZ | 53.5 | | |
| | | eN | 41 03.5 | | |
| | | eP'P' | 55 30 | | |
| | | eN | 58.8 | | |
| | M | eSN | 40 08 | | |
| | | eE | 28 | | |
| | A | ePE | 29 58 | | |
| | | eSNE | 40 17.5 | | |
| | R | eP | 29 29.3 | c | |
| | | e | 42.4 | | |
| | | ipP | 50 | d | |
| | | e | 30 33.2 | | |
| | | i | 33 19 | | |
| | | eSKSN | 39 58.9 | | |
| | | e(S)E | 40 17.4 | | |
| | | e(PKKP) | 47.4 | | |
| | | eP'P' | 55.5 | | |
| | C | eP | 29 55 | | |
| | | eSKSE | 40 25 | | |
| | | eE | 57 13 | | |
| | | eE | 18 03 37 | | |
| | SH | eP | 17 29 38.0 | | |
| | | i | 41.2 | | |
| | | eE | 33 32.0 | | |
| | | eSNE | 40 07 | | |
| | | e | 28 | | |
| | | iE | 32 | | |
| | | e(PKKP) | 47.3 | | |
| | | eP'P' | 55 36.5 | | |
| | | eRE | 18 00.2 | | |
| | | eNZ | 00.7 | | |
| 7 | MH | e | 12 20 05.4 | c | |
| | | e | 14.0 | d | |
| 7 | MH | e | 13 33 40.2 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|-------|------|-------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| May 7 | SH | e | 34 02.8 | c | |
| | | e(P) | 33 47.5 | c | |
| 7 | MH | eP | 15 38 16.1 | c | USCGS: Off East Coast of Kamchatka |
| | SH | eP | 37 57.0 | d | 0 = 15 28 50 |
| 7 | B | eP | 18 09 57.2 | | |
| | BG | eN | 28.0 | | |
| | | eN | 40.1 | | |
| | MH | eP | 09 54.8 | d | |
| | | e | 10 02.1 | c | |
| | M | e | 12 06.5 | c | |
| | SH | eP | 10 09.0 | c | |
| | | e | 16.3 | d | |
| 7 | MH | eP | 18 56 25.2 | d | |
| | | e | 47.2 | c | |
| | M | eP | 38.9 | c | |
| 7 | MH | e | 19 52 30.8 | c | |
| | M | e | 25.4 | d | |
| 8 | MH | iP | 03 27 32.5 | c | |
| | | e | 48.5 | c | |
| | F | eP | 35.5 | | |
| | M | e | 42.4 | | |
| 8 | MH | eP | 04 05 45.3 | c | USCGS: About 400 miles Southwest of |
| | | i | 53.2 | c | Azores Islands. 0 = 03 54 50 |
| | | i | 06 06.6 | c | |
| | M | eP | 05 38.5 | c | |
| | R | eP | 34 | | |
| 9 | SH | e(P) | 11 50 11.5 | | |
| 9 | MH | eP | 21 11 35.8 | d | |
| | | i | 41.8 | c | |
| | SH | eP | 45.0 | c | |
| | | e | 12 15.5 | d | |
| 10 | BG | eE | 05 56.5 | | USCGS: New Hebrides Islands |
| | MH | eP | 23 28.0 | c | 0 = 05 10 45 |
| | | i | 41.1 | d | |
| | F | eP | 32.5 | c | |
| | R | eP | 45.5 | d | |
| | R | eP | 38.9 | c | |
| | SH | eP | 32.0 | c | |
| 10 | MH | iP | 15 51 15.4 | d | |
| | SH | eP | 24.0 | c | |
| 10 | MH | eP | 20 00 59.1 | d | USCGS: Honshu, Japan. 0 = 19 49 10 |
| | | e | 01 05.2 | c | Felt: Tokyo |
| | R | e | 03.8 | | |
| | SH | eP | 00 37.0 | | |
| | | e | 49.8 | c | |
| 11 | R | e | 02 45 02 | | |
| | C | iP | 42 53 | | |
| 11 | R | e | 04 50 41.9 | d | |
| | | | 51 00.9 | | |
| | SH | eP | 51 06.8 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| May 11 | B | eP | 10 29 29.6 | | USCGS: 21 $\frac{1}{2}$ S, 169°E, 0 = 10 16 36 |
| | | i | 36.5 | | Loyalty Islands |
| | | IEZ | 42.0 | | Pas: Magnitude 6.7 |
| | BG | iSKSNE | 39 58.0 | NW | |
| | | iSNEZ | 40 19.0 | | |
| | | eNE | 41 28 | | |
| | | eSSE | 45 34 | | |
| | | eQNE | 52 52 | | |
| | | eE | 56.8 | | |
| | | eR | 57.4 | | |
| | | A | T | | |
| | | PZ | 3.8 4 | | |
| | | MAXH | 36 18 | | |
| | MH | eP | 10 29 30.7 | d | |
| | | e | 37.1 | d | |
| | | i | 42.6 | d | |
| | | i | 30 37.5 | c | |
| | F | eP | 29 34.5 | d | |
| | | i | 42.1 | d | |
| | | eSN | 40 28 | | |
| | M | eP'P' | 55 37.0 | | |
| | R | eNE | 29 38.5 | | |
| | | eP | 41.6 | d | |
| | | e | 30 09.3 | d | |
| | | e | 55.3 | | |
| | | eN | 33 14.3 | | |
| | | eSNE | 40 14.8 | | |
| | C | e(S&S)N | 47.8 | | |
| | | eP | 29 44 | | |
| | | eSE | 40 12 | | |
| | SH | eP | 29 35.2 | d | |
| | | e | 46.4 | c | |
| | | e | 58.5 | c | |
| | | e | 33 15.5 | d | |
| | | eSKSE | 40 01.0 | | |
| 11 | MH | e | 21 01 42.7 | d | |
| | R | e | 02 04.2 | | |
| | SH | e(P) | 01 51.0 | | |
| 12 | MH | eP | 12 46 40.7 | c | USCGS: Andreanof Islands, Aleutian |
| | M | eP | 25.7 | c | Islands. h = 100. 0 = 12 39 02 |
| | | i | 47.7 | d | Felt: Adak and Great Sitkin |
| | | e | 47 35.4 | d | |
| | R | e(P) | 46 41.2 | | |
| | | e | 45 | | |
| | | e | 47 04 | | |
| | SH | eP | 46 20.4 | d | |
| | | i | 23.8 | c | |
| | | e | 36.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|--------|-------|------------|---------------|--------------------------------|
| 1953 | | | h. m. s. | | |
| May 12 | M | e | 45.3 | | |
| 12 | MH | e | 16 41 06.9 | c | |
| 13 | MH | eP | 04 24 59.8 | c | USCGS: 52°N, 174°E, h = 100 |
| | iPcP | | 26 22.4 | d | O = 04 16 28. Near Islands, |
| | F | eP | 25 11.5 | | Aleutian Islands |
| | M | eP | 24 38.0 | d | |
| | i | | 25 23.8 | c | |
| | R | eP | 24 58.4 | | |
| | e | | 25 31.4 | | |
| | e | | 26 12.1 | | |
| | SH | e | 30 14.6 | | |
| | SH | eP | 24 32.5 | | |
| | i | | 45.1 | c | |
| | e | | 25 53.1 | c | |
| | ePP | | 26 18.5 | c | |
| | | | 30 17.5 | | |
| 13 | R | e | 06 09 32.7 | | |
| 13 | MH | e | 11 14 57.4 | c | |
| | M | eP | 15 12.5 | d | |
| | e | | 30.0 | c | |
| | SH | eP | 11.0 | | |
| 13 | B | eP | 12 05 29.2 | c | Loyalty Islands? |
| | BG | eSNE | 15 50.5 | | |
| | eN | | 27.4 | | |
| | eNE | | 31.6 | | |
| | A T | | | | |
| | MAXH | | 16 16 | | |
| | MH | eP | 12 05 27.9 | c | |
| | e | | 43.6 | d | |
| | F | eP | 32.0 | d | |
| | M | eP | 37.3 | c | |
| | i | | 55.1 | d | |
| | R | eP | 39 | c | |
| | e | | 08 36.5 | | |
| | e(S)NZ | | 16.3 | | |
| | SH | eP | 05 34.0 | | |
| | e | | 07 07 | | |
| 13 | M | eP | 12 50 10.1 | d | |
| 13 | M | eP | 13 24 54.1 | c | |
| 13 | F | e(P) | 13 29 22 | | May be PP accompanying Mineral |
| | M | e(P) | 28 24.9 | d | eP 13 24 54.1 |
| | i | | 41.0 | c | |
| | R | e(P) | 42.8 | c | |
| | SH | e(P) | 15.5 | | |
| 13 | R | e | 22 45 25.5 | | |
| 13 | BG | eNE | 23 57.9 | | |
| | MH | eP | 53 51.2 | c | |
| | F | e | 54 21.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|----------------------------------|
| 1953 | | | h. m. s. | | |
| May 13 | M | eP | 53 31.6 | d | |
| | i | | 37.4 | c | |
| | R | eP | 50 | | |
| 14 | MH | e | 00 25 09.6 | c | |
| | M | e | 24 42.6 | d | |
| | | | 53.0 | c | |
| | | | 25 45.8 | c | |
| 14 | MH | e | 01 04 58.5 | c | |
| | M | e | 05 38.5 | c | |
| 14 | MH | e | 01 42 21.4 | | |
| | M | e | 42.5 | d | |
| 14 | MH | eP | 01 48 58.6 | c | |
| | F | eP | 49 15.1 | d | Off Coast of Oregon? |
| | M | eP | 48 23.4 | d | |
| | R | eP | 43.3 | c | |
| | SH | eP | 16.2 | d | |
| 14 | M | e | 02 03 55.7 | d | |
| 14 | M | e | 02 11 14.6 | c | |
| 14 | M | e | 02 16 58.1 | d | |
| 14 | B | eP | 02 22 10.5 | d | |
| | | e | 28.5 | | USCGS: Marianas Islands. |
| | BG | eRNZ | 52.4 | | 0 = 02 09 57 |
| | MH | eP | 22 13.6 | d | |
| | e | | 23.5 | d | |
| | e | | 28.4 | d | |
| | F | eP | 21.5 | d | |
| | M | iP | 58.0 | | |
| | i | | 09.5 | d | |
| | e | | 26.0 | c | |
| | R | eP | 24 02.5 | d | |
| | e | | 22 18.4 | d | |
| | | | 32.5 | | |
| 14 | SH | iP | 06.3 | d | |
| | M | e | 29 38.6 | d | |
| 14 | M | e | 33 31.0 | c | |
| | | | 37 43.8 | d | |
| 14 | MH | e | 02 43 08.0 | c | |
| | | | 47.4 | d | |
| | M | e | 41 32.6 | c | |
| 14 | MH | e | 03 10 38.1 | c | |
| | | | 11 26.9 | c | |
| | M | e | 12 37.8 | c | |
| | R | e | 39 | | |
| 14 | BG | eRNZ | 07 47 28 | | USCGS: 50°N, 130°W, 0 = 07 41 44 |
| | MH | eP | 45 02.4 | d | Off Coast of Vancouver, B.C. |
| | e | | 18.7 | c | |
| | | | 53.5 | | |
| | F | eP | 19.0 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks | |
|--------|-------|---------|------------|---------------|---------------------------|----------------------------------|
| 1953 | | | h. m. s. | | | |
| May 14 | M | e | 43.0 | c | | |
| | | eP | 44 26.2 | d | | |
| | | i | 45 30.0 | d | | |
| | | e | 48 54.0 | | | |
| | R | eP | 44 47.7 | c | | |
| | | e | 45 43.1 | | | |
| | SH | eP | 44 20.2 | d | | |
| | | eE | 49.8 | | | |
| | BG | eEZ | 18 33 23 | | | USCGS: 50°N, 130°W, O = 18 27 41 |
| | MH | iP | 30 57.1 | c | | Vancouver Aftershock |
| | F | eP | 31 12.0 | | | |
| | M | eP | 30 22.1 | d | | |
| | | i | 31.4 | c | | |
| | R | eP | 35 53 | | | |
| | e | 30 41.9 | d | | | |
| | e | 57.2 | | | | |
| | e | 31 29.7 | | | | |
| C | eP | 29 22 | | | | |
| | eSE | 32 42 | | | | |
| SH | eP | 30 12.0 | c | | | |
| | e | 18.5 | d | | | |
| | eN | 32 22.5 | | | | |
| | eE | 34.1 | | | | |
| 15 | MH | eP | 09 44 32.6 | c | USCGS: Andreanof Island, | |
| | i | 40.5 | d | | Aleutian Islands. h = 100 | |
| M | eP | 11.9 | c | | O = 09 36 47 | |
| | i | 20.2 | d | | Felt: Adak | |
| R | eP | 28.7 | c | | | |
| | e | 15.6 | | | | |
| | e | 38.1 | | | | |
| SH | eP | 45 20.1 | | | | |
| | i | 44 07.5 | d | | | |
| | i | 19.0 | c | | | |
| 16 | M | eP | 08 50 52.8 | d | | |
| | e | 51 40.1 | c | | | |
| 16 | B | iP | 17 08 33.1 | c | | |
| | i(pP) | 09 06.1 | c | | | |
| MH | iP | 08 36.6 | d | | | |
| | i(pP) | 09 09.8 | c | | | |
| M | iP | 08 31.1 | d | | | |
| | i(pP) | 09 04.7 | c | | | |
| R | eP | 08 40.0 | d | | | |
| | e(pP) | 09 11.0 | | | | |
| SH | eP | 08 28.0 | d | | | |
| | i(pP) | 09 00.9 | c | | | |
| 17 | F | e | 13 34 07.0 | | | |
| | e | 31.0 | c | | | |
| M | e | 30 47.8 | d | | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| May 17 | R | e(P) | 41.1 | d | |
| | | e | 33 40.8 | | |
| | | e | 34 04.1 | | |
| | SH | e | 30 42.0 | | |
| | | e | 32 39 | | |
| 17 | MH | e | 17 33 10.1 | d | USCGS: Off Southeast Coast of Kamchatka |
| | | e | 28.1 | d | O = 17 23 30 |
| | | e | 38.8 | c | |
| | M | e | 00.2 | d | |
| | R | e | 23.9 | | |
| | SH | eP | 05.0 | | |
| | | e | 32 47.0 | c | |
| | | e | 55.2 | d | |
| 17 | MH | e | 17 41 14.2 | | |
| | M | e | 40 57.4 | | |
| | SH | e | 41 | | |
| | | e | 57.5 | | |
| 17 | MH | e | 18 41 11.4 | | USCGS: Near East Coast of Kamchatka |
| | M | e | 15.4 | | O = 18 31 54 |
| | SH | e | 08 | | |
| 17 | B | iP | 22 23 41.7 | c | USCGS: Near East Coast of Honshu, Japan |
| | | e | 48.5 | | h = 100. O = 22 12 05 |
| | | e | 24 12.5 | | Felt |
| | MH | eP | 23 45.5 | c | |
| | | e | 24 14.7 | c | |
| | F | eP | 23 53.7 | c | |
| | | e | 24 26.0 | | |
| | M | iP | 25 53.5 | | |
| | i | | 23 36.3 | c | |
| | | i | 53.9 | c | |
| | R | iPP | 26 09.0 | c | |
| | | iP | 23 46.0 | c | |
| | e | | 24 03.9 | | |
| | | e | 11.8 | | |
| | C | eP | 23 18 | | |
| | SH | iP | 32.4 | | |
| | | e | 24 18.5 | c | |
| | | e | 26 16.5 | c | |
| 17 | MH | iP | 23 17 58.3 | d | |
| | M | e | 18 05.3 | c | |
| 18 | B | iP | 08 05 12.3 | c | USCGS: 10°S, 161°E. h = 60 |
| | | epP | 28.5 | | O = 07 52 36. Solomon Islands |
| | | e | 06 17 | | |
| | MH | eP | 05 13.6 | d | |
| | | ipP | 29.6 | c | |
| | | i | 06 02.5 | c | |
| | | ePP | 08 47.1 | c | |
| | F | eP | 05 21.0 | c | |
| | | e | 07 11.0 | | |
| | M | eP | 05 17.5 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| May 18 | R | ipP | 35.3 | d | |
| | | eP | 23.7 | d | |
| | | epP | 37.7 | d | |
| | SH | e(S) | 15 53.2 | c | |
| | | eP | 05 15.0 | d | |
| | | epP | 30.0 | | |
| | | e(S)NE | 15 37.5 | | |
| 18 | B | eP | 08 22 54.0 | | USCGS: $28\frac{1}{2}^{\circ}$ N, 44° W, $\theta = 08 12 12$ |
| | MH | eP | 49.4 | c | Mid-Atlantic Ocean |
| | | e | 23 08.3 | c | |
| | F | eP | 22 41.5 | c | |
| | M | iP | 43.1 | d | |
| | R | e | 23 19.7 | c | |
| | R | eP | 22 36.0 | c | |
| | | e | 23 01.4 | | |
| | SH | eP | 22 44.5 | d | |
| 18 | M | e(P) | 08 32 34.8 | | May belong to preceding or following shock. |
| 18 | MH | e(P') | 08 34 43.0 | d | Phases not sharp. |
| | F | e(P') | 45 | | USCGS: Near South Coast of Sumatra |
| | | e | 59 | c | $\theta = 08 15 26$ |
| | M | e(P') | 28.7 | c | |
| | | e | 39.9 | d | |
| | R | e(P') | 32.2 | | |
| | | e | 41.7 | | |
| | SH | e(P') | 34.5 | | |
| | | e(PP) | 36 22.5 | | |
| 19 | B | eP | 02 49 17.0 | | |
| | | e | 50 04.5 | | |
| | MH | eP | 49 25.3 | d | |
| | | i | 39.0 | c | |
| | F | eP | 41.0 | c | |
| | M | iP | 48 49.2 | d | |
| | | i | 49 09.1 | d | |
| | R | eP | 08.4 | d | |
| | C | eP | 47 48 | | |
| | | e | 48 47 | | |
| | SH | eP | 41.0 | d | |
| 19 | M | e | 03 08 48.4 | d | |
| 19 | B | eP | 03 20 44 | | USCGS: 51° N, 159° E, $\theta = 03 11 06$ |
| | | i | 49.3 | | Off South Coast of Kamchatka |
| | | i | 56.6 | | Pas: Magnitude $6\frac{1}{2}$ |
| | BG | e | 21 44 | | |
| | | eSNE | 28 24 | | |
| | | eQNE | 34.5 | | |
| | | A T | | | |
| | | MAXH | 5 20 | | |
| | MH | eP | 03 20 46.7 | c | |
| | | i | 52.0 | d | |
| | | i | 21 01.6 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| May 19 | F | e | 24 07.9 | | |
| | | eP | 20 57.5 | d | |
| | M | e | 21 11.5 | c | |
| | | eP | 20 10.4 | c | |
| | | i | 37.7 | d | |
| | R | e | 22 53.5 | d | |
| | | eP | 20 44.7 | d | |
| | | eNZ | 58.5 | | |
| | | eSN | 28 28 | | |
| 19 | MH | eP | 06 02 21.9 | c | USCGS: $52\frac{1}{2}^{\circ}$ N, $158\frac{1}{2}^{\circ}$ E, $\theta = 05 52 40$ |
| | | e | 03 06.5 | d | Near East Coast of Kamchatka |
| | M | eP | 02 06.1 | c | |
| | | e | 27.8 | d | |
| | R | e | 27.6 | | |
| | SH | eP | 01 59.0 | | |
| 19 | M | i | 08 06 57.6 | c | |
| 19 | MH | eP | 16 20 29.7 | c | |
| | F | eP | 46.5 | d | |
| | M | eP | 19 56.4 | c | |
| | R | eP | 20 11.9 | c | |
| | | e | 21 22.4 | | |
| | SH | eP | 19 46.5 | | |
| 20 | BG | e(SKSN) | 08 09 33 | | USCGS: 53° S, 134° W, $\theta = 07 45 26$ |
| | | eN | 14.9 | | South Pacific Ocean |
| | | eN | 24.2 | | Pas: Magnitude $6\frac{1}{4} - 6\frac{1}{2}$ |
| | | eREZ | 27.9 | | |
| | MH | e | 07 58 30.5 | | |
| | F | e | 33.0 | | |
| | M | e | 46.7 | | |
| | SH | e | 49 | | |
| 20 | MH | e | 11 02 20.8 | d | USCGS: Celebes Region. $h = 200$ |
| | | e | 42.2 | | $\theta = 10 43 50$ |
| | F | e(P') | 12.5 | | |
| | M | e | 33.9 | d | |
| | | e | 42.7 | | |
| | R | e(P') | 12.3 | d | |
| | | e | 53.6 | | |
| | | e | 03 28 | d | |
| | SH | e | 01 11.0 | | |
| | | e | 02 05.5 | | |
| | | e | 28.5 | | |
| 20 | MH | e | 13 05 40.7 | d | |
| | R | e | 36 | | |
| 20 | MH | eP | 13 21 13.2 | c | |
| | | i | 28.2 | d | |
| | M | e(P) | 30.9 | d | |
| | R | e(P) | 18.5 | c | |
| 20 | B | eP | 23 17 35.5 | | USCGS: 50° N, 130° W, $\theta = 23 14 23$ |
| | | e | 53.5 | | Off Coast of Vancouver, B. C. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| May 20 | BG | e | 18 42.5 | | |
| | | eE | 20 34 | | |
| | | eEZ | 21.2 | | |
| | MH | eP | 17 45.3 | c | |
| | | e | 18 19.3 | c | |
| | | e | 43.3 | d | |
| | F | eP | 01.0 | c | |
| | | e | 41.5 | c | |
| | M | eP | 17 10.4 | c | |
| | | i | 18 22.7 | d | |
| | | e | 20 54.5 | | |
| 21 | SH | eP | 17 02.0 | c | |
| | MH | eP | 02 03 07.7 | c | USCGS: Near South Coast of Guatemala |
| | | e | 24.3 | c | h = 100. 0 = 01 56 10 |
| | | e | 05 39.4 | c | |
| | M | eP | 03 21.3 | c | |
| | | e | 37.0 | d | |
| | R | eP | 09.4 | c | |
| | | e | 27.9 | d | |
| 21 | MH | e(P) | 10 20 39.0 | d | USCGS: Andreanof Islands |
| | F | e(P) | 59.0 | | Aleutian Islands. 0 = 10 12 37 |
| | R | e(P) | 43.4 | c | |
| | SH | e(P) | 18.5 | | |
| 21 | B | iP | 12 33 05.0 | c | |
| | BG | i(S)EZ | 35 48.1 | | |
| | | iN | 36 09 | | |
| | | eLEZ | 36.9 | | |
| | MH | eP | 33 13.7 | d | |
| | | e | 21.7 | c | |
| | F | eP | 29.5 | c | |
| | M | eP | 32 38.0 | d | |
| | | i | 36 05.2 | c | |
| | A | eE | 02.0 | | |
| | R | eP | 32 57.1 | d | |
| | | e | 33 59.2 | | |
| | C | eNZ | 37.4 | | |
| | | eP | 31 39 | | |
| | | e | 34 00 | | |
| | SH | eP | 32 30.9 | c | |
| | | eNE | 36 34.5 | | |
| | F | e(P) | 13 40 23.0 | c | |
| | | e | 53.0 | | |
| | | e | 42 07.0 | c | |
| | M | i(P) | 39 32.7 | c | |
| | | e | 42.3 | | |
| | R | e(P) | 50.3 | | |
| | | e | 40 32.3 | c | |
| 22 | F | e | 15 38 49.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| May 22 | B | eP | 20 25 19.9 | c | |
| | | epP | 27 23.0 | c | USCGS: 18°S, 178½°W, h = 600, |
| | MH | eP | 25 21.6 | c | 0 = 20 14 26. Fiji Islands |
| | | ipP | 27 24.6 | c | |
| | F | eP | 25 24.9 | c | |
| | | epP | 27 28.4 | d | |
| | M | eP | 25 28.8 | c | |
| | | e | 54.5 | d | |
| | | epP | 27 32.5 | d | |
| | R | i(PP) | 28 42.9 | c | |
| | | eP | 25 33.5 | c | |
| | SH | eP | 27 37 | d | |
| | | epP | 25 28.3 | d | |
| | | epP | 27 32.5 | d | |
| 23 | B | iP | 07 53 51.9 | c | Pas: 35°03'N, 119°08.5'W, 0 = 07 52 55 |
| | | i | 54 03.0 | | North of Wheeler Ridge, California |
| | | iSNEZ | 36 | | Magnitude 4.2 |
| | MH | eP | 53 41.6 | d | |
| | F | eP | 24.5 | c | |
| | | iSE | 47.1 | | |
| | M | eP | 54 20.5 | c | |
| | | i | 55 29.8 | | |
| | R | eP | 54 06.5 | d | |
| | | e | 26.0 | | |
| | | eSNEZ | 55 12.0 | c | |
| | SH | eP | 54 33.5 | | |
| | | eN | 52.0 | | |
| | | eSE | 55 48 | | |
| | | eE | 56 01 | | |
| 23 | SH | eP | 11 45 02.0 | | |
| 23 | MH | iP | 20 00 22.8 | c | |
| | | e | 46.2 | d | |
| | M | iP | 29.7 | c | |
| | | i | 45.9 | d | |
| | SH | eP | 28.0 | d | |
| | | e | 52.0 | | |
| 24 | B | iP' | 01 38 37.4 | d | USCGS: 51°S, 28°W, 0 = 01 19 55 |
| | | i | 48.4 | | Sandwich Islands Region |
| | | e | 58 | | |
| | BG | iPP | 40 24 | | |
| | | ePSN | 50 24 | | |
| | | eN | 02 01.4 | | |
| | | eNEZ | 20.4 | | |
| | MH | eP' | 01 38 35.6 | d | |
| | | i | 46.3 | c | |
| | | e | 40 05.3 | c | |
| | F | eP' | 38 33.5 | c | |
| | | ePP | 40 14.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| May 24 | M | e | 53.5 | c | |
| | | eP' | 38 39.1 | c | |
| | | i | 39 00.6 | d | |
| | | e | 40 32.4 | c | |
| | R | e | 52 11.2 | c | |
| | | eP' | 38 38.5 | c | |
| | | e | 48.5 | | |
| | | e | 39 04 | | |
| | | e | 40 07 | | |
| | | e | 11.8 | c | |
| | SNH | eP' | 38 39.7 | c | |
| | | e | 39 01.7 | c | |
| 24 | R | eP | 02 56 27 | d | USCGS: $40\frac{1}{2}^{\circ}\text{N}$, $111\frac{1}{2}^{\circ}\text{W}$, $\text{O} = 02 54 29$ |
| | | e | 57 37 | d | North Central Utah |
| | | eSNZ | 44 | | V at Lehi, Utah |
| 24 | MH | eP | 06 06 35.3 | d | USCGS: $10\frac{1}{2}^{\circ}\text{N}$, $85\frac{1}{2}^{\circ}\text{W}$, $\text{O} = 05 58 40$ |
| | M | eP | 54.0 | d | Near Coast of Costa Rica |
| 25 | B | ePcP | 08 34.2 | d | Pas: $35^{\circ}00' \text{N}$, $119^{\circ}01' \text{W}$, $\text{O} = 03 24 01$ |
| | | iP | 03 24 59.0 | d | Magnitude 4.8 |
| | | eSNE | 25 43.8 | c | Felt widely in Southern California |
| | NH | iP | 24 48.9 | c | |
| | PA | eP | 53.8 | | |
| | F | iPNZ | 31.0 | d | |
| | N | eSN | 51.0 | | |
| | M | iP | 25 27.7 | c | |
| | | iS | 26 46.9 | | |
| | R | eP | 25 11.3 | c | |
| 25 | SNH | eP | 33.0 | | |
| | MH | eP' | 12 57 23.5 | d | USCGS: $3\frac{1}{2}^{\circ}\text{S}$, 101°E , $\text{O} = 12 38 13$ |
| | | i | 58 40.7 | d | Off South Coast of Sumatra |
| | F | eP' | 57 25.5 | d | |
| | | e | 59 50.5 | | |
| | M | eP' | 13 00 42.0 | c | |
| | R | eP' | 12 57 17.8 | c | |
| | | e | 24.4 | d | |
| | | e | 37.2 | c | |
| | S | eE | 13 00 10.9 | | |
| | SH | eP' | 12 57 16.0 | c | |
| | | e | 59 00.5 | | |
| 25 | B | eP | 17 50 04.0 | | USCGS: 51°N , 159°E , $\text{O} = 17 40 30$ |
| | | i | 15.5 | | Off South Coast of Kamchatka |
| | BG | eE | 58 02 | | |
| | | eN | 14 | | |
| | Q | eQ | 18 04.1 | | |
| | MH | eP | 17 50 09.7 | d | |
| | | e | 20.9 | d | |
| | F | eP | 20.5 | c | |
| | | e | 33.5 | c | |
| | M | eP | 49 54.8 | c | |
| | | i | 50 02.1 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| May 25 | R | i | 11.3 | d | |
| | | eP | 08.5 | | |
| | C | e | 14.6 | | |
| | SH | eP | 31 | d | |
| | | e | 53 48 | | |
| | | eP | 49 50.4 | d | |
| | | e | 50 07.5 | c | |
| 25 | MH | eP | 22 10 10.6 | d | |
| | | e | 24.4 | c | |
| | F | i | 38.5 | c | |
| | M | eP | 15.0 | d | |
| | R | eP | 21.4 | c | |
| | SH | eP | 26.0 | d | |
| | | eP | 21.0 | c | |
| 26 | B | iP | 01 54 16.0 | c | USCGS: 42°N , $142\frac{1}{2}^{\circ}\text{E}$, $\text{h} = 60$ |
| | | e(pP) | 33.0 | | $\text{O} = 01 43 11$. Near South Coast of |
| | | i | 38.8 | c | Hokkaido, Japan |
| | BG | eSNEZ | 02 03 21.0 | | |
| | | eN | 47 | | |
| | | eSSN | 07 54 | | |
| | | eN | 11.4 | | |
| | | eQNE | 13.4 | | |
| | | eRZ | 15.4 | | |
| | MH | eP | 01 54 20.0 | c | |
| | | i | 31.1 | d | |
| | | i(pP) | 36.8 | c | |
| | | i | 55 00.2 | d | |
| | F | eP | 54 29.5 | c | |
| | M | eP | 09.6 | c | |
| | | e | 15.5 | | |
| | | i | 22.3 | c | |
| | | i | 55 02.2 | d | |
| | | e | 56 04.3 | d | |
| | R | eP | 54 19.5 | c | |
| | | e(pP) | 36.3 | c | |
| | SH | eP | 05.0 | d | |
| | | e | 23.2 | c | |
| | | e | 46.5 | | |
| | | eSE | 02 02 58 | | |
| 26 | F | e(P) | 03 37 21.0 | d | |
| | M | e(P) | 36 30.3 | c | |
| | | e | 56.6 | c | |
| | R | e | 51 | | |
| | SH | e(P) | 20.0 | | |
| 26 | MH | iP | 05 30 25.7 | c | |
| | SH | eP | 33.5 | c | |
| 26 | MH | e | 09 19 34.8 | c | |
| | | e | 20 17.6 | d | |
| | M | e | 19 41.9 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| May 26 | M | e | 12 04 25.1 | c | |
| | | e | 39.7 | c | |
| 27 | BG | eSE | 18 39 34 | | USCGS: Kermadec Islands |
| | | eNE | 40 11 | | 0 = 18 16 54 |
| | | e | 41 04 | | |
| | | e | 57.1 | | |
| | MH | eP | 29 30.3 | d | |
| | | i | 43.8 | d | |
| | F | eP | 35.0 | | |
| | M | eP | 36.1 | c | |
| | R | eP | 42.8 | | |
| | SH | e | 40.3 | d | |
| | | e | 53.3 | d | |
| 27 | B | eP | 19 11 18.9 | c | USCGS: 20 $\frac{1}{2}$ N, 146°E, 0 = 18 59 12 |
| | MH | iP | 22.8 | d | Marianas Islands |
| | | i | 27.6 | d | |
| | F | eP | 31.0 | d | |
| | | e | 12 08.0 | c | |
| | M | iP | 11 17.5 | d | |
| | | i | 21.1 | d | |
| | R | eP | 12 29.8 | d | |
| | | e | 11 26.7 | d | |
| | | 53 | | | |
| | SH | eP | 14.5 | d | |
| | | ePP | 14 11.2 | | |
| 28 | BG | e(R)NEZ | 00 33.4 | | |
| | MH | eP | 09 23.3 | d | |
| | F | eP | 28.0 | d | |
| | M | eP | 31.3 | c | |
| | R | eP | 36 | c | |
| | SH | eP | 30.0 | c | |
| 28 | M | eP | 03 40 39.2 | d | USCGS: 48 $\frac{1}{2}$ N, 157 $\frac{1}{2}$ E, 0 = 03 31 00 |
| | | i | 41 01.7 | d | Kurile Islands |
| | SH | eP | 40 33.5 | c | |
| | | e | 46.5 | | |
| | | i | 57.3 | c | |
| 28 | MH | e | 18 14 45.3 | d | USCGS: 4 $\frac{1}{2}$ S, 152°E, h = 100 |
| | SH | e | 31.5 | | 0 = 18 01 41. New Britain |
| 28 | R | e(P) | 20 10 27.6 | | |
| 29 | SH | e(P) | 02 58 52.0 | | USCGS: 48 $\frac{1}{2}$ N, 158°E, 0 = 02 49 18 |
| 29 | BG | eN | 06 55.4 | | Kurile Islands |
| | M | e(P) | 53 28.0 | d | |
| | | e | 53.7 | | |
| 30 | MH | eP | 07 28 48.6 | d | |
| | | i | 29 01.3 | c | |
| | F | eP | 28 59.5 | c | |
| | | e | 29 15.0 | c | |
| | M | e(P) | 28 42.5 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|-------------------------------|---|
| 1953 | | | h. m. s. | | |
| May 30 | | | | | |
| | R | e | 53.0 | d | |
| | | eP | 29 16.8 | c | |
| | | e | 28 54 | c | |
| | SH | eP | 29 09 | d | |
| | | e | 28 40.5 | c | |
| | | e | 57.4 | c | |
| 30 | MH | e(P) | 20 50 08.4 | c | |
| | | e | 43.8 | c | |
| | F | e(P) | 11.2 | c | |
| | M | e(P) | 16.0 | c | |
| | R | e(P) | 20 | | |
| 31 | R | e(P) | 04 20 27.0 | d | USCGS: Near West Coast of Honshu, Japan |
| | | e | 55.6 | | 0 = 04 08 30 |
| 31 | BG | eNE | 05 20.5 | | USCGS: 9°S, 118°E, h = 100 |
| | | e | 26 29 | | 0 = 05 00 15, Flores Sea |
| | MH | eP' | 18 59.6 | d | |
| | | ePP | 20 11.3 | | |
| | F | eP' | 19 02.0 | d | |
| | M | eP' | 18 56.8 | d | |
| | R | eP | 20 32.7 | c | |
| | SH | e | 19 01.0 | d | |
| | | ePP | 20 21.5 | | |
| | | e | 01.0 | | |
| 31 | F | e | 21 12 | | |
| | M | e | 05 32 40.5 | | May belong to Preceding Shock |
| | | e | 29 16.4 | c | |
| | | e | 32 27.1 | d | |
| | R | e | 33 12.4 | d | |
| | | e | 32 21.0 | | |
| | | e | 33 07.5 | | |
| 31 | B | iP | 19 47 10.0 | c | USCGS: Wallis Islands Region. h = 600 |
| | | e | 32.0 | | 0 = 19 36 30 |
| | | e | 48 06.5 | | |
| | MH | iP | 47 06.7 | c | |
| | | i | 15.5 | c | |
| | | i | 24.8 | c | |
| | F | epP | 49 07.6 | d | |
| | | eP | 47 10.6 | c | |
| | | e | 51.5 | c | |
| | M | epP | 49 10.6 | c | |
| | | iP | 47 20.1 | c | |
| | | i | 34.3 | d | |
| | SH | epP | 49 16.8 | d | |
| | | iP | 47 14.0 | c | |
| | | e | 48.0 | c | |
| 31 | B | eP | 49 15.5 | d | |
| | BG | eN | 20 07 21.0 | | USCGS: 20°N, 70 $\frac{1}{2}$ W, 0 = 19 58 35 |
| | | 08 42 | | Near North Coast of Dominican | |
| | | 14 28 | | Republic. Felt | |
| | | 42 | | Pas: Magnitude 7.0 | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| May 31 | MH | eE | 18.4 | | |
| | | iP | 07 16.8 | c | |
| | | i | 21.7 | c | |
| | | i | 09 49.8 | c | |
| | | eN | 22.4 | | |
| | F | e | 29.7 | | |
| | | eP | 07 03.6 | c | |
| | | e | 08.0 | d | |
| | | eN | 24.7 | | |
| | M | i | 07 27.0 | d | |
| | | eNE | 22.6 | | |
| | A | e | 25.1 | | |
| | | ePE | 07 51 | | |
| | | eN | 24.0 | | |
| | R | eP | 07 06.0 | | |
| | | e | 34.5 | | |
| | | e | 08 03.0 | | |
| | | eE | 15.5 | | |
| | C | eNE | 09 27 | | |
| | | eP | 07 35 | | |
| | | e | 25 18 | | |
| | SH | iP | 07 22.4 | d | |
| | | i | 26.7 | c | |
| | | eE | 44.0 | | |
| | | eN | 17 04 | | |
| | | eE | 27.3 | | |
| 31 | MH | eP | 21 04 58.6 | d | USCGS: Aftershock of 19 58 35 0 = 20 56 18 |
| | | i | 05 22.1 | c | |
| | F | eP | 04 45.5 | d | |
| | M | eP | 05 00.6 | d | |
| | R | e | 06 29.9 | d | |
| | | e | 04 54.0 | | |
| | | e | 05 09.0 | | |
| | C | eP | 15 | | |
| | SH | eP | 03.0 | | |
| | M | i | 00 47 39.6 | c | |
| | | e | 55.2 | c | |
| | | e | 49 28.7 | d | |
| | | e | 50 34.2 | d | |
| 2 | B | eP | 18 02 03.2 | d | USCGS: 30°N, 142°E, 0 = 17 50 13 South of Honshu, Japan |
| | EG | eQNE | 24 26 | | |
| | MH | eP | 02 08.6 | d | |
| | | e | 22.1 | c | |
| | F | eP | 16.0 | d | |
| | M | eP | 01 59.1 | d | |
| | R | eP | 02 09.0 | d | |
| | | e | 21.0 | d | |
| | SH | iP | 01 56.0 | d | |
| | | e | 02 06.6 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| June 2 | | | | | |
| | 2 | BG | 34.0 | | |
| | | MH | 22 40.2 | | USCGS: 19½°N, 70°W, 0 = 22 15 54 |
| | | | 24 36.9 | d | Near North Coast of Dominican Republic |
| | | | 53.0 | c | |
| | | F | 25 20.3 | c | |
| | | | 24 24 | | |
| | | M | 25 13.0 | d | |
| | | | 24 40.9 | c | |
| | | R | 25 05.9 | c | |
| | | | 24 49.0 | | |
| | | SH | 42.4 | c | |
| | | | 48.4 | c | |
| | 3 | MH | 16 10 52.1 | c | |
| | | M | 46.5 | d | |
| | | SH | 43.0 | d | |
| | | | 11 18.0 | | |
| | 3 | MH | 18 01 24.0 | c | USCGS: 52°N, 159°E, 0 = 17 51 48 |
| | | F | 36.5 | | Near East Coast of Kamchatka |
| | | M | 10.7 | d | |
| | | | 40.5 | d | |
| | | R | 21.5 | | |
| | | | 33.5 | | |
| | | SH | 04.5 | c | |
| | | | 18.5 | c | |
| | | | 32.1 | d | |
| | 4 | MH | 12 42 03.7 | | |
| | | M | 41 54.6 | d | |
| | | SH | 51.5 | c | |
| | | R | 19 27 05 | | USCGS: 44½°N, 110½°W, 0 = 19 24 32 |
| | | | 29 01 | | Yellowstone National Park, |
| | | | 05.0 | | Wyoming. Felt |
| | | | 21.0 | | |
| | 5 | MH | 18 24 30.4 | d | USCGS: Dominican Republic Aftershock |
| | | | 41.7 | d | 0 = 18 15 50 |
| | | M | 31.4 | d | |
| | | SH | 36.0 | | |
| | | MH | 23 53 25.9 | d | |
| | | M | 29.0 | d | |
| | | R | 17 | | |
| | | SH | 26.5 | d | |
| | | | 04 08 35.9 | d | |
| | | M | 52.5 | c | |
| | 6 | MH | 06 16 11.5 | d | USCGS: 56°N, 35°W, 0 = 06 06 15 |
| | | | 09.5 | | North Atlantic Ocean |
| | | F | 15 54.3 | | |
| | | M | 52.5 | | |
| | | R | 12 16 11.5 | c | USCGS: 56°N, 35°W, 0 = 12 06 13 |
| | | | 08.0 | | North Atlantic Ocean |
| | | MH | 15 54.9 | c | |
| | | M | 51 | | |
| | | R | 12 52 19.7 | d | |
| | 6 | M | 13 08 05.8 | c | USCGS: 14°N, 144½°E, h = 100 |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| June 6 | MH | ipP | 26.6 | c | 0 = 12 55 40. Marianas Islands |
| | | e | 34.5 | d | Felt: Guam |
| | F | eP | 07.9 | c | |
| | | i | 13.1 | d | |
| | | ipP | 30.8 | d | |
| | | i | 44.6 | c | |
| | F | e | 11 44.9 | c | |
| | | eP | 08 16.1 | c | |
| | | epP | 38.0 | c | |
| | | e | 09 25.5 | d | |
| | M | e | 58.6 | c | |
| | | ipP | 08 04.1 | d | |
| | | i | 14.3 | d | |
| | | ipP | 27.7 | c | |
| | | i | 09 04.5 | d | |
| | R | e | 11 40.5 | d | |
| | | eP | 08 12.5 | d | |
| | | epP | 35.0 | c | |
| | | e | 42.5 | d | |
| | | e | 11 52.0 | c | |
| | SH | eSE | 18 37.0 | d | |
| | | eP | 08 01.0 | d | |
| | | epP | 22.8 | c | |
| | | e | 11 33.5 | c | |
| | | eSN | 18 14.0 | c | |
| | | eN | 48.5 | d | |
| 6 | M | e | 13 43 50.9 | d | |
| | MH | eP | 17 17 03.9 | c | USCGS: Off South Coast of Kamchatka |
| | F | eP | 14.0 | d | 0 = 17 07 15 |
| | M | e | 24.5 | c | |
| | M | eP | 16 50.4 | d | |
| | | e | 17 28.3 | d | |
| | R | eP | 02.5 | c | |
| | SH | eP | 16 44.8 | c | |
| 7 | MH | eP | 02 08 38.9 | d | USCGS: 53°N, 142½°E, 0 = 01 58 00 |
| | | e | 45.1 | d | Northern Sakhalin |
| | M | eP | 25.4 | c | |
| | | e | 30.8 | c | |
| | SH | eP | 21.0 | c | |
| 7 | BG | eN | 05 40.2 | c | |
| | MH | e | 08 48.8 | c | |
| | | e | 09 03.6 | c | |
| | M | e | 13.3 | c | |
| | | e | 20.2 | c | |
| | SH | eP | 12.5 | c | |
| 7 | B | ip | 12 32 42.8 | d | USCGS: 20°N, 70°W, 0 = 12 23 56 |
| | | i | 50.1 | c | Near North Coast of Dominican Republic. Felt |
| | BG | eSSN | 42 46 | c | |
| | | eE | 43 46 | c | |
| | | e | 49 52 | d | |
| | | eN | 52.4 | c | |
| | MH | eP | 32 38.4 | c | |
| | | i | 50.3 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| June 7 | F | ePcP | 33 48.6 | d | |
| | | eP | 32 25.0 | d | |
| | | e | 27.4 | d | |
| | M | eP | 37.9 | c | |
| | | i | 39.5 | c | |
| | R | e | 33 21.5 | c | |
| | | i | 32 50.5 | c | |
| | SH | ep | 33 03.9 | c | |
| | BG | eNE | 32 44.5 | c | |
| | | 03 30.5 | | | |
| | MH | e | 09 55.2 | c | |
| | M | i | 38.7 | d | |
| | | e | 52.3 | c | |
| | SH | e(P) | 41 | | |
| | MH | e | 11 23 20.0 | d | |
| | | e | 35.2 | c | |
| | F | eP | 34.5 | c | |
| | M | e | 13.8 | c | |
| | B | e | 11 50 03.5 | c | |
| | | 57 35.0 | | | USCGS: 52°N, 159½°E, 0 = 11 40 25 |
| | BG | eSE | 12 06.5 | | Near East Coast of Kamchatka |
| | MH | eP | 11 50 02.2 | c | |
| | | i | 10.0 | c | |
| | | i | 18.4 | c | |
| | F | eP | 51 18.6 | c | |
| | M | e(PcP) | 50 19.6 | c | |
| | | e | 51 08.9 | c | |
| | M | e | 49 46.6 | c | |
| | | i | 50 03.5 | d | |
| | R | e | 00.5 | | |
| | | iNEZ | 07.8 | | |
| | SH | eP | 49 42.0 | c | |
| | | eNZ | 50.2 | d | |
| | | e | 58.0 | c | |
| | | e | 51 10.5 | | |
| | 9 | B | 01 48 31.8 | c | |
| | | e | 49 04.8 | | |
| | BG | eSNEZ | 56 01 | | |
| | | eEZ | 57 29 | | |
| | | eSSNE | 02 00 01 | | |
| | | eQNE | 01.5 | | |
| | | eREZ | 04.0 | | |
| | MH | i | 01 48 32.2 | d | |
| | | i | 37.1 | c | |
| | | i | 49 02.8 | d | |
| | F | eP | 48 42.9 | c | |
| | | e | 57.5 | c | |
| | | e | 50 07.0 | c | |
| | M | eP | 48 16.9 | c | |
| | | e | 30.8 | d | |
| | | i | 59.7 | c | |
| | R | i | 29.4 | d | |
| | SH | eP | 11.9 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| June 9 | | e | 25.0 | c | |
| | | e | 49 51.0 | d | |
| 9 | MH | eP | 05 46 03.4 | c | USCGS: About 400 Miles South of Honshu, Japan. $0 = 05^{\circ}33'49''$ |
| | | i | 07.3 | d | |
| | M | eP | 45 54.8 | c | |
| | | e | 46 11.2 | c | |
| | SH | eP | 45 51.3 | c | |
| 9 | M | eP | 07 09 51.3 | d | |
| | SH | eP | 46.0 | c | |
| 9 | B | e | 08 07 47 | | |
| | BG | eNE | 09 00 | | |
| | | eLNE | 35.0 | | |
| | MH | eP | 07 43.7 | c | |
| | F | eP | 51.0 | c | |
| | M | eP | 53.8 | d | |
| | | e | 08 27.7 | d | |
| | SH | eP | 07 52.5 | c | |
| 9 | M | e | 10 18 30.0 | d | |
| | | | 40.8 | c | |
| 9 | MH | e | 18 50 37.3 | c | |
| | i | | 42.4 | c | |
| | SH | eP | 49 50.5 | d | |
| | | e | 50 02.0 | c | |
| 9 | BG | eNE | 21 39.5 | | |
| | | EN | 47.5 | | |
| | MH | eP | 12 30.9 | c | |
| 10 | BG | eNE | 04 12.3 | | |
| | | eNE | 12 47 | | |
| | | eE | 17 13 | | |
| | | eN | 19.0 | | |
| | | eNEZ | 23.5 | | |
| 10 | MH | eP | 09 01 44.0 | d | |
| 10 | MH | e | 11 15 41.4 | d | |
| | M | e | 51.1 | d | |
| | | e | 57.1 | d | |
| | SH | e | 43 | | |
| | | e | 50.3 | | |
| 10 | BG | e(PP) | 18 42 33.5 | | USCGS: $4^{\circ}S$, $128^{\circ}E$, $0 = 18^{\circ}23'43''$ |
| | | eNE | 58 | | Near South Coast of Ceram Island |
| | | e | 44 45 | | |
| | | e(PS)E | 51 54 | | |
| | | eNZ | 54 02 | | |
| | | eE | 09 | | |
| | | eREZ | 19 15.5 | | |
| | | e | 17.1 | | |
| | MH | e(PP) | 18 42 31.0 | c | |
| | | e | 38.0 | c | |
| | F | e(P') | 13.0 | | |
| | | e | 50.5 | d | |
| | M | e(PP) | 27.4 | d | |
| | | e | 39.6 | c | |
| | R | i(PP) | 46.8 | c | |
| | i | | 54.2 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| June 11 | SH | e(P) | 38 08.5 | c | |
| | | e | 12.5 | c | |
| | | e(P') | 42 15 | | |
| 11 | M | eP | 01 11 56.4 | c | |
| 11 | MH | e | 13 11 00.9 | c | |
| | F | e(P) | 06.0 | | |
| | M | e | 10.9 | c | |
| | SH | e | 33.4 | c | |
| | BG | eP | 10.3 | d | |
| 11 | MH | eP | 13 59.4 | | |
| | | e | 37 21.8 | c | |
| | F | e | 37.1 | d | |
| | M | eP | 28.0 | c | |
| | R | e | 32.3 | c | |
| | SH | eP | 41.2 | c | |
| | B | iP | 30.7 | c | |
| 11 | MH | eP | 14 45 13.2 | d | USCGS: Near SW Coast of Colombia |
| | | e | 07.7 | d | $0 = 14^{\circ}36'00''$ |
| | | e | 16.0 | c | |
| | F | eP | 44 55.5 | | |
| | M | eP | 45 19.8 | d | |
| | R | eP | 08.2 | | |
| | SH | e(P) | 21.0 | c | |
| 11 | MH | e | 21 05 17.6 | d | |
| | | e | 35.9 | d | |
| | F | e | 21.5 | | |
| | SH | e | 20.0 | c | |
| | | e | 29.0 | c | |
| 12 | M | e | 06 02 55.4 | c | USCGS: Off Coast of El Salvador |
| 13 | M | eP | 06 10 57.3 | d | $0 = 15^{\circ}47'10''$ |
| | | e | 11 39.9 | c | |
| | SH | eP | 10 53.0 | d | USCGS: New Hebrides Islands. $h = 150$ |
| 13 | M | eP | 15 54 35.0 | c | $0 = 22^{\circ}48'47''$ |
| 13 | B | iP | 23 01 16.7 | c | |
| | | epP | 56.2 | | |
| | | e | 02 40.5 | | |
| | MH | iP | 01 17.7 | c | |
| | | i | 29.1 | d | |
| | | ipP | 57.4 | c | |
| | | i | 02 15.1 | c | |
| | | e | 05 17.5 | | |
| | F | eP | 01 22.5 | c | |
| | | epP | 02 02.5 | c | |
| | | eN | 04 05.5 | | |
| | M | iP | 01 23.2 | d | |
| | | ipP | 02 03.9 | c | |
| | | i | 48.7 | c | |
| | R | iP | 01 29.0 | | |
| | | epPNEZ | 02 07.5 | | |
| | SH | iP | 01 22.3 | c | |
| | | e | 36.9 | c | |
| | | epP | 02 01.8 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| June 14 | B | e | 46.5 | d | |
| 14 | B | e(P) | 04 19 18.5 | c | |
| | B | e(S) | 20 44.5 | c | Pas: 32°50'N, 115°40'W, O = 04 17 28 Near Imperial, California, Mag. 5.5 |
| | MH | eP | 19 05.3 | c | USCGS: Sharp shock felt over approximately 4800 square miles of Southern California, principally in Imperial and San Diego Counties |
| | | i | 17.4 | c | |
| | | i | 42.8 | c | |
| | | eE | 49.2 | c | |
| | | eN | 54.2 | c | |
| | | e(S)E | 20 32.0 | c | |
| | | i | 52.6 | c | |
| | M | iN | 58.3 | c | |
| | M | eP | 19 40.9 | c | |
| | M | i | 20 03.8 | c | |
| | | eN | 21.9 | c | |
| | | i | 24.6 | d | |
| | | eE | 37.3 | c | |
| | | i | 21 51.0 | c | |
| | | eN | 51.9 | c | |
| | | iM | 22 01.7 | c | |
| | Fe | eE | 23.0 | c | |
| | R | eN | 23.1 | c | |
| | R | eP | 19 22.6 | c | |
| | R | iNZ | 52.0 | c | |
| | R | iEZ | 21 28.7 | c | |
| | SH | iN | 32.9 | c | |
| | SH | eP | 19 48.0 | c | |
| | | e | 20 27.5 | c | |
| | | i | 33.0 | c | |
| | | e | 21 35.0 | c | |
| | | eN | 22 10.0 | c | |
| | | i | 18.5 | c | |
| | | eNE | 27 | c | |
| 14 | B | e | 04 32 01 | c | Aftershock |
| | MH | iP | 31 41.9 | c | Pas: 32°50'N, 115°40'W, O = 04 29 58 |
| | | i | 55.5 | c | Magnitude 4.8 |
| | | i | 32 10.3 | d | USCGS: V at El Centro, California |
| | | i | 33 04.3 | c | |
| | | eN | 23.4 | c | |
| | M | e | 32 27.0 | d | |
| | M | i | 32.2 | c | |
| | R | i | 20.0 | c | |
| | SH | e | 26 | c | |
| 14 | MH | e | 10 44 10.9 | d | |
| | M | eP | 42 22.5 | c | |
| | | e | 44 09.8 | c | |
| | SH | eP | 42 19.0 | c | |
| | | e | 44 00.0 | c | |
| | | e | 06.0 | c | |
| 14 | MH | e | 10 59 31.8 | c | |
| | M | e | 11 00 26.0 | d | |
| | | e | 10 59 43.5 | c | |
| | SH | e | 11 00 23.8 | d | |
| | SH | e | 10 59 41.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks | |
|---------|------|--------|------------|---------------|--|-------------|
| 1953 | | | h. m. s. | | | |
| June 14 | | e | 53.5 | | | |
| | MH | e | 12 16 00.3 | c | | |
| | M | eP | 15 51.8 | c | | |
| | SH | eP | 47.8 | c | | |
| | MH | e | 17 37 20.7 | c | | |
| | M | e | 18.5 | c | | |
| | SH | e(P) | 36 52.0 | c | | |
| | | e | 37 14.5 | d | | |
| | 15 | B | 17 53 08 | | | |
| | | i | 14.5 | | | |
| | | e | 56 32 | | | |
| | | iSN | 57 46 | | | |
| | | eE | 56 | | | |
| | | iE | 59 53 | | | |
| | | e | 18 00.8 | | | |
| | | MAXH | A T | | | |
| | | MH | 170 18 | | | |
| | | iP | 17 53 15.0 | d | | |
| | | i | 54 03.6 | c | | |
| | | e | 18 01.9 | | | |
| | | F | 17 53 28.0 | d | | |
| | | i | 36.7 | d | | |
| | | eN | 54 19 | | | |
| | | eSE | 58 29 | | | |
| | | M | 52 55.0 | d | | |
| | | iP | 53 23.9 | d | | |
| | | i | 57 49.2 | | | |
| | | e | 18 00.1 | | | |
| | | A | 17 52 41 | | | |
| | | ePN | | | | |
| | | eN | 58 58 | | | |
| | | R | 53 09.1 | c | | |
| | | iP | 56 50.3 | c | | |
| | | i | 57 57.7 | | | |
| | | iEZ | 52 17 | | | |
| | | eP | 56 28 | | | |
| | | SH | 52 49.2 | d | | |
| | | iP | 56.5 | | | |
| | | e | 56 27.5 | | | |
| | | e | 46.5 | | | |
| | | eN | 57.2 | | | |
| | | eE | 57 21.5 | | | |
| | | 15 | F | 18 00 10.5 | c | Aftershock? |
| | | M | 17 59 58.9 | c | | |
| | | R | 18 00 04.0 | c | | |
| | | SH | 17 59 55.0 | c | | |
| | | e(S)NE | 18 03 42.0 | | | |
| | | 16 | M | 07 04 58.6 | d | |
| | | e | 05 20.6 | | | |
| | | SH | 04 57.4 | d | | |
| | | B | 10 04 59.5 | | | |
| | | i | 05 14.8 | | | |
| | | BG | 14 41.0 | | | |
| | | eSNEZ | | | | |
| | | | | | USCGS: 31°N, 141°E, O = 09 53 06 South of Honshu, Japan | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | | | h. m. s. |
| June 16 | | eSSE | 19 45 | | |
| | | eQN | 25.5 | | |
| | | eE | 26.2 | | |
| | MH | iP | 05 05.0 | c | |
| | | i | 17.0 | d | |
| | F | eP | 14.5 | | |
| | M | eP | 04 52.1 | d | |
| | | i | 58.3 | c | |
| | | i | 05 09.1 | d | |
| | R | eP | 08 12.0 | c | |
| | | i | 05 03.4 | | |
| | SH | eP | 09.2 | d | |
| | | i | 04 49.0 | | |
| | | i | 55.2 | d | |
| 16 | B | iP | 16 14 10.7 | d | USCGS: About 250 miles South of Tonga Islands. h = 100 0 = 16 01 57 |
| | | ipP | 38.6 | c | |
| | BG | eSNE | 24 14.5 | | |
| | PA | iP | 14 10 | d | |
| | | ipP | 38 | d | |
| | F | eP | 13.3 | c | |
| | | ipP | 41.9 | d | |
| | | e | 17 16.5 | | |
| | M | eP | 14 19.4 | c | |
| | | ipP | 47.8 | d | |
| | R | i | 15 03.3 | c | |
| | SH | iP | 14 23.3 | c | |
| | | eP | 18.0 | c | |
| | | ipP | 46.7 | d | |
| 16 | B | eP | 19 54 38.7 | c | USCGS: $55\frac{1}{2}^{\circ}$ N, 160° E, h = 60 0 = 19 48 25. Near South Coast of Alaska Peninsula |
| | | ipP | 48.6 | c | |
| | BG | eSE | 59 40.5 | | |
| | | eEZ | 20 02 59 | | Pas: Magnitude $6\frac{1}{4}$ - $6\frac{1}{2}$ |
| | | eN | 03 15 | | |
| | PA | eP | 19 54 42 | d | |
| | | ipP | 52 | c | |
| | R | i | 50 | c | |
| | SH | eP | 18.0 | c | |
| | | ipP | 30.4 | c | |
| | | e | 45.5 | d | |
| | | e | 57 27.2 | d | |
| | | eSE | 59 09.0 | | |
| 16 | M | e | 20 01 06.9 | d | |
| | SH | eP | 05.3 | c | |
| | | e(S)E | 04 57.0 | | |
| 17 | BG | eN | 01 52 31 | | USCGS: 52° N, 171° W, 0 = 01 36 31 Fox Islands, Aleutian Islands |
| | | eN | 54 51 | | |
| | | eN | 56 36 | | |
| | MH | iP | 43 45.2 | d | |
| | F | e(P) | 44 04.5 | d | |
| | M | eP | 43 30.5 | c | |
| | | e | 44 15.6 | | |
| | R | ePNEZ | 43 46.3 | | |
| | SH | eP | 26.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | | | h. m. s. |
| June 17 | B | eP | 03 25 14.5 | d | |
| | MH | eP | 14.6 | c | |
| | M | eP | 17.9 | c | |
| | | i | 26 14.9 | d | |
| 17 | B | iP | 14 19 41.4 | c | USCGS: $15\frac{1}{2}^{\circ}$ S, 75° W, h = 60 0 = 14 08 33. Near Coast of Southern Peru |
| | | e | 54.5 | c | |
| | MH | iP | 37.9 | c | |
| | F | i | 20 02.3 | d | |
| | | eP | 19 26.5 | c | |
| | | e | 37.5 | c | |
| | M | eP | 20 05.0 | c | |
| | | i | 19 47.7 | c | |
| | R | eP | 20 14.0 | d | |
| | SH | eP | 19 39.9 | c | |
| | | i | 50.5 | c | |
| 18 | M | iP | 06 57 25.1 | d | USCGS: $6\frac{1}{2}^{\circ}$ S, 155° E, 0 = 10 04 48 Solomon Islands |
| | | i | 32.5 | c | |
| 18 | B | iP | 10 17 44.0 | d | |
| | | i | 19 57.5 | c | |
| | BG | eNE | 21 46.0 | | |
| | | e(S)E | 28 38 | | |
| | | eN | 29 28 | | |
| | | eN | 33.0 | | |
| | | eE | 35.0 | | |
| | MH | eP | 17 46.7 | d | |
| | | i | 18 41.3 | c | |
| | F | iP | 17 52.1 | d | |
| | | e | 18 03.6 | c | |
| | M | eP | 17 47.1 | c | |
| | | i | 56.4 | d | |
| | | e | 19 21.6 | d | |
| | R | eP | 17 51.5 | | |
| | SH | iP | 45.9 | d | |
| | | e | 56.0 | d | |
| 18 | MH | e | 18 37 58.5 | c | |
| | | e | 39 08.9 | c | |
| | SH | iP | 38 11.1 | c | |
| 19 | MH | eP | 05 14 00.2 | c | USCGS: $56\frac{1}{2}^{\circ}$ N, 114° E, 0 = 05 02 15 Northeast of Lake Baikal, USSR |
| | M | iP | 13 44.0 | c | |
| | | i | 51.5 | d | |
| | SH | iP | 39.9 | d | |
| 19 | SH | eP | 18 43 28.7 | c | |
| | M | e | 19 48 33.7 | c | |
| | | i | 47.3 | c | |
| | | e | 49 17.4 | d | |
| 19 | B | e | 22 38 22 | | USCGS: 26° N, 110° W, 0 = 22 34 30 Gulf of California |
| | BG | eQNE | 42.7 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| June 19 | MH | eRNEZ | 43.9 | | |
| | | eP | 38 04.2 | d | |
| | | i | 15.7 | | |
| | F | eP | 37 52.5 | | |
| | M | eP | 38 37.8 | d | |
| | | e | 54.7 | d | |
| | R | iPEZ | 18.6 | c | |
| | SH | eP | 42.0 | | |
| 20 | MH | iP | 11 04 26.5 | d | |
| | M | eP | 29.7 | d | |
| | | e | 39.4 | c | |
| | | e | 55.9 | c | |
| 20 | M | eP | 13 37 00.4 | c | |
| 20 | B | iP | 23 19 53.3 | | Pas: 35°22'N, 118°30'W, 0 = 23 18 52 USCGS: Felt |
| | | i | 20 33.5 | | |
| | MH | iP | 19 42.5 | c | |
| | F | ePNEZ | 21.7 | | |
| | | iNEZ | 24.7 | d | |
| | | isNEZ | 43.7 | d | |
| | M | eE | 20 12.5 | | |
| | R | e | 02.0 | c | |
| | SH | eP | 31.5 | | |
| 21 | B | eP | 10 08 35.8 | c | |
| | MH | iP | 39.3 | d | |
| | R | eP | 44.0 | d | |
| | SH | iP | 31.5 | c | |
| | | e | 39.5 | d | |
| 21 | MH | iP | 16 14 50.8 | d | |
| | | i | 15 01.1 | d | |
| 23 | SH | e | 00 19 40.5 | d | |
| 23 | M | e | 06 49 50.3 | d | |
| 23 | B | eP | 14 03 11.5 | d | USCGS: 51°N, 157 $\frac{1}{2}$ E, 0 = 13 53 28 Near South Coast of Kamchatka Pas: Magnitude 6 $\frac{1}{2}$ |
| | | i | 24.6 | | |
| | | e | 37.5 | | |
| | BG | eSE | 10 57.0 | | |
| | | eNZ | 11 00 | | |
| | | eN | 24 | | |
| | | eQN | 17 11 | | |
| | | eREZ | 19.9 | | |
| | MH | eN | 20.1 | | |
| | | eP | 03 16.3 | c | |
| | | i | 20.1 | c | |
| | | i | 38.9 | d | |
| | F | eP | 58.9 | c | |
| | | i | 26.5 | c | |
| | | i | 30.2 | c | |
| | M | eP | 01.9 | c | |
| | R | eP | 15.9 | c | |
| | | i | 14.0 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| June 23 | SH | i | 27.9 | | |
| | | iPEZ | 02 57.0 | c | |
| | | INEZ | 03 11.2 | c | |
| | | e | 05 54.6 | | |
| | | eSE | 10 30.5 | c | |
| 23 | MH | e | 21 20 16.4 | c | USCGS: Solomon Islands. 0 = 21 07 10 |
| | F | i | 14.8 | d | |
| | SH | eP | 07 | c | |
| | | e | 27 54 | | |
| 24 | MH | iP | 04 30 37.4 | d | |
| | | i | 56.1 | c | |
| 24 | B | IP | 21 29 00.0 | d | USCGS: 45°N, 151°E, 0 = 21 18 30 |
| | | e | 34.5 | | Kurile Islands |
| | MH | iP | 04.7 | d | |
| | | i | 21.6 | c | |
| | | i | 26.8 | d | |
| | | e | 42.5 | c | |
| | F | iP | 14.3 | d | |
| | M | iP | 28 52.3 | d | |
| | | i | 57.8 | c | |
| | SH | iP | 48.0 | d | |
| 25 | M | eP | 07 20 19.9 | d | USCGS: 7°S, 155°E, 0 = 07 07 19 |
| | | e | 32.1 | d | Solomon Islands |
| 25 | B | eP | 08 33 02.8 | d | USCGS: New Hebrides Islands Region |
| | MH | eP | 13.8 | d | 0 = 08 20 42 |
| | | i | 15.5 | c | |
| | | i | 22.2 | c | |
| | | i | 27.0 | c | |
| | F | eP | 18.6 | c | |
| | M | iP | 21.0 | c | |
| | | i | 30.3 | c | |
| | R | iP | 26.1 | c | |
| | SH | eP | 19.6 | d | |
| | | iNZ | 21.1 | c | |
| 25 | BG | eP | 10 59 53 | c | USCGS: 8 $\frac{1}{2}$ S, 123 $\frac{1}{2}$ E, 0 = 10 44 57 |
| | | iEZ | 11 04 34 | | Foreshock at 10 43 56 |
| | | eE | 13.6 | | Off East Coast of Flores Island |
| | | eNE | 14 16 | | |
| | MH | e(P) | 00 01.7 | d | |
| | | e(P'') | 02 40.9 | d | |
| | | i(PP) | 03 44.5 | d | |
| | | i | 04 41.5 | c | |
| | F | e(P'') | 02 42 | c | |
| | | e | 03 29.5 | c | |
| | | e | 44.5 | d | |
| | | e | 04 19.5 | c | |
| | | e | 45.8 | c | |
| | M | e(P'') | 02 37.6 | d | |
| | | e(PP) | 03 50.9 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| June 25 | R | e | 04 38.2 | c | |
| | | eE | 03 05.4 | | |
| | | e | 07.9 | c | |
| | C | e(P'') | 04 45.1 | c | |
| | | e | 02 52 | | |
| | | e | 13 39 | | |
| | SH | e | 10 59 27.6 | | |
| | | e | 50.1 | | |
| | | e | 11 02 36.6 | | |
| | | i | 03 18.1 | | |
| | | e | 41.6 | | |
| | | eNEZ | 04 31 | | |
| | | eE | 14 13.6 | | |
| | | eN | 19 57 | | |
| 25 | MH | e | 11 14 20.1 | d | May be part of Preceding Shocks |
| | | e | 25.0 | d | |
| | | e | 16 36.9 | d | |
| | M | e | 13 23.7 | c | |
| | | e | 14 20.4 | c | |
| | | e | 17 08 | | |
| 25 | SH | ePEZ | 12 08 08.2 | c | |
| 25 | B | iP | 18 08 36.2 | d | USCGS: 22 $\frac{1}{2}$ S, 68 $\frac{1}{2}$ W, h = 100 |
| | MH | eP | 32.6 | d | 0 = 17 56 40. Northern Chile. |
| | | e | 46.4 | c | Felt |
| | F | i | 09 07.1 | c | |
| | M | eE | 08 30 | | |
| | | eP | 41.2 | d | |
| | | i | 58.0 | c | |
| | R | i | 09 26.5 | c | |
| | | eP | 08 33.5 | | |
| | C | iNEZ | 35.5 | | |
| | SH | eP | 09 00 | | |
| | | ePNEZ | 08 44.7 | d | |
| | | i | 51.2 | | |
| | | iNEZ | 09 12.7 | d | |
| 25 | MH | iP | 21 58 56.5 | c | USCGS: 10 $\frac{1}{2}$ N, 61°W, h = 100 |
| | | i | 59 10.0 | d | 0 = 21 48 55. Trinidad |
| | | i | 27.2 | d | |
| | | i | 42.4 | d | |
| | M | e | 22 00 17.0 | c | |
| | | iP | 21 58 59.0 | c | |
| | | i | 59 02.6 | d | |
| | | e | 26.6 | c | |
| | SH | eP | 02.5 | | |
| 26 | SH | eP | 03 43 47.4 | d | |
| | | e | 58.2 | c | |
| 26 | BG | e | 06 01 43 | | USCGS: 8°S, 124°E, 0 = 05 42 50 |
| | | e(PP) | 02 27 | | Flores Island Region |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| June 26 | | | h. m. s. | | |
| | | eNZ | 06 00 | | |
| | | eE | 08 14 | | |
| | | eNEZ | 09 36 | | |
| | | eN | 10 13 | | |
| | | eN | 39 | | |
| | | eEZ | 53 | | |
| | | e | 13 24 | | |
| | | eNE | 18 24 | | |
| | | eE | 25 06 | | |
| | | eN | 30 04 | | |
| | MH | iP' | 01 34.4 | d | |
| | | i | 02 05.8 | c | |
| | | e(PP) | 33.0 | c | |
| | | e(PS) | 12 19.6 | | |
| | F | eP' | 01 45.3 | | |
| | M | eP' | 31.9 | d | |
| | | e | 48.6 | d | |
| | | e(PP) | 02 27.9 | | |
| | | e | 03 06.4 | d | |
| | | e(PS) | 12 20 | | |
| | R | eP' | 01 35.9 | d | |
| | SH | e | 36.3 | d | |
| | | e | 02 15.4 | | |
| | | e | 27.7 | | |
| | | e | 03 24.8 | | |
| | | eN | 14.3 | | |
| | | e | 19 53 | | |
| 26 | B | eP | 07 46 32.5 | | |
| | MH | iP | 33.7 | c | |
| | | i | 50 29.6 | c | |
| | F | ePNZ | 46 37.2 | | |
| | M | eP | 40.8 | d | |
| | | e | 47 00.2 | c | |
| | SH | eP | 46 40 | d | |
| | | e | 48 40.6 | | |
| | | e | 52.5 | | |
| | M | i | 13 41 02.2 | c | |
| | SH | ePNZ | 01.0 | d | |
| | | e | 42 14.3 | | |
| | SH | eP | 21 10 39.8 | | |
| | BG | eQE | 23 41.2 | | |
| | | eN | 42.4 | | |
| | | e(R) | 42.8 | | |
| | F | eNZ | 39 59.3 | | |
| | R | iN | 41 23.1 | | |
| | | e | 25.2 | c | |
| 27 | BG | eSKSN | 08 04 08 | | USCGS: 24°S, 178 $\frac{1}{2}$ E, h = 550 |
| | | eEZ | 11 | | 0 = 07 43 01. South of |
| | | e(sS)N | 08 10 | | Fiji Islands |
| | MH | iP | 07 54 32 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| June 27 | F | iP | 36.4 | | |
| | M | iP | 41.4 | c | |
| | R | eP | 43.8 | d | |
| | SH | ePNEZ | 39.4 | d | |
| | | e(pP) | 56 46 | | |
| | | eE | 08 01.8 | | |
| | | eSKSN | 04 23.7 | | |
| | | e | 05 18.5 | | |
| 27 | BG | eREZ | 10 29.4 | | USCGS: $4\frac{1}{2}^{\circ}$ S, 153° E, O = 09 47 58 |
| | MH | eP | 00 44 | c | Solomon Islands |
| | | e | 01 01 | | |
| | M | e | 00 58.2 | c | |
| | SH | eP | 46.5 | | |
| | | e | 56.8 | d | |
| | | e | 01 54.1 | d | |
| | | e(PP) | 04 29 | | |
| 27 | SH | ePEZ | 11 00 24.5 | d | |
| 28 | BG | eSNE | 05 58 38 | | USCGS: 31° N, $141\frac{1}{2}^{\circ}$ E, O = 05 37 05 |
| | | eQN | 06 09.7 | | South of Honshu, Japan |
| | | eR | 12.4 | | |
| | M | e | 05 48 53.5 | d | |
| | | e | 49 40.1 | c | |
| | SH | eP | 48 46 | d | |
| | | e | 58.9 | | |
| 28 | B | iP | 12 46 27.8 | | $40^{\circ}45'N, 127^{\circ}26'W$, O = 12 45 13 |
| | MH | iPNEZ | 37.7 | d | Magnitude 4.6. 150 Miles off |
| | | i | 53.3 | | Coast of Northern California |
| | | eSNE | 47 40.9 | | |
| | M | eP | 46 21.0 | c | |
| | | i(S) | 47 05.0 | | |
| | A | eNE | 13 | | |
| | | ePE | 45 54.1 | | |
| | A | eSNE | 46 23.5 | | |
| | SH | ePEZ | 13.0 | c | |
| | | iNZ | 14.7 | | |
| | | i | 24.1 | d | |
| | | iSNEZ | 57.8 | c | |
| 28 | SH | eP | 14 54 16.3 | d | USCGS: Southern Honshu, Japan |
| | | e | 24.3 | c | O = 14 42 34 |
| | | e | 55 15.8 | | |
| 29 | BG | eSNE | 03 43 29 | | USCGS: 7° N, $82\frac{1}{2}^{\circ}$ W, O = 03 27 43 |
| | | eE | 47 10 | | Off Coast of Panama |
| | | eE | 49.6 | | |
| | | eN | 50.1 | | |
| | MH | e(P) | 36 19.8 | c | |
| | | e | 32.0 | d | |
| | M | e(P) | 36.6 | d | |
| | | e | 56.6 | c | |
| 29 | M | e(P) | 12 01 00.5 | c | |
| | SH | eP | 00 49.6 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| June 29 | SH | e | 58.6 | | |
| 29 | SH | eP | 13 04 18 | d | |
| | | EE | 11.0 | | |
| 29 | SH | eP | 13 37 04.5 | c | |
| 29 | SH | eP | 16 30 06.1 | c | |
| 30 | MH | eP | 01 25 57.4 | c | USCGS: $11\frac{1}{2}^{\circ}$ S, $75\frac{1}{2}^{\circ}$ W, O = 01 15 10 |
| | M | eP | 26 09.7 | c | Central Peru |
| | | e | 29.6 | c | |
| | C | eP | 26 32 | | |
| | SH | eP | 11.5 | d | |
| | | i | 12.5 | c | |
| 30 | MH | eP | 03 14 22.9 | c | USCGS: Marianas Islands Region |
| | | i | 40.4 | d | O = 03 02 05 |
| | M | iP | 21.8 | c | |
| | SH | iP | 13.4 | c | |
| 30 | MH | iP | 07 47 15.6 | c | USCGS: 54° N, 160° E, h = 60 |
| | F | ipP | 29.7 | c | O = 07 37 53 |
| | | iP | 26.7 | c | Near East Coast of Kamchatka |
| | M | ipP | 40.7 | c | |
| | | iP | 00.5 | c | |
| | R | i(pP) | 16.1 | d | |
| | SH | iP | 33.2 | d | |
| | | i | 12.3 | c | |
| | | ip | 46 55.6 | c | |
| | | i | 47 32.6 | | |
| | | e | 51 57.6 | | |
| 30 | MH | eP | 13 33 39.0 | c | USCGS: 8° S, $76\frac{1}{2}^{\circ}$ W, O = 13 23 14 |
| | M | e? | 31 06.1 | c | Northern Peru |
| | | eP | 33 49.6 | d | |
| | | e | 34 00.1 | c | |
| | SH | e? | 30 57 | | |
| | | e | 31 34 | | |
| 30 | SH | eP | 22 51 48.9 | c | |
| | | e | 59.7 | d | |

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BERKELEY—MOUNT HAMILTON—PALO ALTO
SAN FRANCISCO—FERNDALE—FRESNO
MINERAL—ARCATA—RENO—CORVALLIS—SHASTA

Earthquakes and the Registration of Earthquakes

From July 1, 1953, to September 30, 1953

BY
DON TOCHER



UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES
1955

SEISMOGRAPHIC STATIONS OF THE UNIVERSITY OF CALIFORNIA

Perry Byerly, Director

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

and

REGISTRATION OF EARTHQUAKES AT: BERKELEY, MOUNT HAMILTON,
PALO ALTO, SAN FRANCISCO, FERNDALE, FRESNO, MINERAL, ARCATA,
CORVALLIS, SHASTA AND RENO

FROM JULY 1, 1953 TO SEPTEMBER 30, 1953

VOLUME 23 NUMBER 3

By Don Tocher

SEISMOGRAMS READ BY:

John E. Meeker

Barbara D. Amberson

Eugene L. Kessler

UNIVERSITY OF CALIFORNIA PRESS

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1955

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

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The list following this page gives the latitude and longitude of epicenters for earthquakes well enough recorded to permit such a determination.

Map No. refers to the map immediately following the epicenter list.

Date and Origin Time are given in Greenwich Civil Time. Subtract eight (8) hours to get local (Pacific Standard) time. This will change the date for some of the earthquakes.

M refers to the Richter Magnitude, determined from trace amplitudes of the Wood-Anderson Seismographs, and using the nomogram given by Nordquist in the "Bulletin of the Seismological Society of America," 32:164.

Q represents the excellence with which the epicenter has been located, "a" indicating excellent, "b" good, "c" fair, and "d" poor.

Under Remarks will be found a short descriptive location of the epicenter, as well as information on small foreshocks and aftershocks, and the intensity of shocks which were reported felt. Reports on felt earthquakes are chiefly those collected by the United States Coast and Geodetic Survey, which publishes a more complete summary of such reports in "Abstracts of Earthquake Reports for the Pacific Coast and the Western Mountain Region." Intensities are given by Roman numerals when sufficient information on the effects of the shock is available. Criteria of the Modified Mercalli Scale which are used to rate the intensity are:

- II Felt by a few people only. Duration or direction not appreciable.
- III Duration or direction appreciable.
- IV Rattling of doors and windows; swinging of suspended objects.
- V Disturbance of movable objects; plaster cracked.
- VI Overthrow of movable objects; cracking of chimneys and other brickwork.
- VII Fall of some chimneys; some damage to buildings.
- VIII General fall of chimneys; great damage to poorly built structures.

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EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude | | Longitude West | Q | Remarks |
|------------|--------------|-------------------------|-----|----------|----------|-------------------|---|---------|
| | | | | North | West | | | |
| 1 | July 1 | 09-56-08 | 2.4 | 40.5° | 123.6° | d | 35 miles east of Ferndale. | |
| 2 | 3 | 22-00-45 | 3.8 | 40.4° | 126.0° | d | 90 miles west of Ferndale. | |
| 3 | 6 | 19-38-51 | 3.8 | 38.6° | 118.1° | d | East of Hawthorne, Nevada. | |
| 4 | 8 | 03-01-15 | 3.5 | 42.4° | 119.1° | d | Southeast Oregon. | |
| 5 | 8 | 03-37-37 | 3.1 | 40.6° | 124.3° | d | 4 miles west of Ferndale. | |
| 6 | 11 | 11-01-47 | 1.5 | 37° 20' | 121° 40' | b | Near Mt. Hamilton. | |
| 7 | 14 | 01-48-12 | 2.8 | 36.6° | 121.2° | d | 15 miles SE of Hollister. | |
| 8 | 14 | 09-28-10 | 2.6 | 36° 55' | 121° 29' | c | 6 miles NW of Hollister | |
| 9 | 15 | 16-00-28 | 2.9 | 38° 39' | 120° 10' | c | 20 miles west of Markleeville. | |
| 10 | 17 | 07-28-34 | 3.9 | 40° 14' | 124° 30' | c | 27 miles SSW of Ferndale. | |
| 11 | 24 | 20-55-51 | 2.5 | 37° 12' | 122° 12' | b | 15 miles south of Palo Alto. Blast? | |
| 12 | 25 | 16-13-58 | 3.8 | 37° 07' | 121° 46' | b | 15 miles SSE of San Jose. Felt as light shock in San Francisco Bay area. | |
| 13 | 28 | 03-27-40 | 2.4 | 36° 48' | 121° 18' | c | 7 miles SE of Hollister | |
| 14 | 28 | 15-54-32 | 2 | 37° 17' | 121° 37' | b | Near Mt. Hamilton. | |
| 15 | 29 | 10-34-06 | 3.3 | 40.6° | 125.1° | d | 45 miles west of Ferndale. | |
| 16 | 30 | 23-32-23 | 2.5 | 38.8° | 120.0° | d | 12 miles NE of Markleeville. | |
| 17 | Aug. 1 | 17-19-13 | 3.0 | 40° 36' | 121° 26' | b | 19 miles NE of Mineral. | |
| 18 | 1 | 20-48-16 | 3.3 | 40.3° | 120.0° | d | 35 miles ESE of Susanville. | |
| 19 | 1 | 14-23-24 | 3.3 | 40° 29' | 125° 11' | c | 50 miles west of Ferndale. | |
| 20 | 6 | 00-09-33 | 1.6 | 37° 18' | 121° 41' | b | Near Mt. Hamilton. | |
| 21 | 6 | 21-33-25 | 1.3 | 38° 12' | 122° 10' | c | 25 miles north of Berkeley. | |
| 22 | 7 | 00-22-48 | 3.1 | 40.6° | 124.0° | d | 10 miles east of Ferndale. | |
| 23 | 7 | 05-16-20 | 3.1 | 39° 59' | 120° 01' | c | 31 miles NNW of Reno. | |
| 24 | 7 | 23-51-34 | 3.5 | 40.7° | 123.8° | d | 20 miles SE of Arcata. | |

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| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude North | Longitude West | Q | Remarks |
|------------|--------------|-------------------------|-----|-------------------|-------------------|---|---|
| 25 | Aug. 10 | 03-04-27 | 3.1 | 36° 41' | 121° 21' | b | 11 miles south of Hollister. |
| 26 | 10 | 23-35-56 | 1.5 | 38° 03' | 122° 28' | a | 17 miles north of San Francisco. |
| 27 | 14 | 01-40-06 | 2.9 | 36.3° | 120.3° | d | 8 miles north of Coalinga. |
| 28 | 14 | 09-22-50 | 2.3 | 36.5° | 121.2° | d | 20 miles north of King City. |
| 29 | 15 | 04-15-41 | 3.0 | 40° 28' | 124° 06' | b | 11 miles SE of Ferndale. Press reported a light shock jarred the Ferndale area. |
| 30 | 15 | 04-54-49 | 3.3 | 40° 20' | 124° 22' | c | 17 miles south of Ferndale. |
| 31 | 16 | 23-07-23 | 2.2 | 36° 58' | 122° 15' | a | 11 miles west of Santa Cruz. |
| 32 | 20 | 01-39-03 | 2.7 | 40.8° | 122.1° | d | NE of Shasta. |
| 32 | 20 | 01-48-09 | 3.2 | 40.8° | 122.1° | d | NE of Shasta. |
| 33 | 20 | 05-37-45 | 3.2 | 39° 40' | 119° 40' | c | 12 miles NE of Reno. |
| 34 | 21 | 10-28-00 | 2.1 | 38.3° | 122.6° | d | SE of Santa Rosa. |
| 35 | 22 | 11-31-28 | 2.7 | 39° 13' | 120° 13' | b | SW of Truckee. |
| 36 | 23 | 12-21-58 | 3.3 | 40° 29' | 121° 43' | b | 10 miles NW of Mineral. V at Mineral. Awakened some people at Manzanita Lake. |
| 37 | 24 | 10-42-56 | 3.5 | 39° 15' | 120° 18' | b | 8 miles SW of Truckee. |
| 38 | 26 | 00-00-10 | 2.0 | 37° 59' | 122° 26' | a | 14 miles north of San Francisco. Tiny aftershock at 0035. |
| 39 | 28 | 07-00-29 | 2.1 | 38° 42' | 122° 04' | a | 16 miles SE of Berkeley. |
| 40 | 30 | 04-16-47 | 2.6 | 40.8° | 121.6° | d | SE of Burney. |
| 41 | Sept. 1 | 04-50-52 | 2.8 | 36° 47' | 121° 26' | c | Near Hollister. |
| 42 | 1 | 19-17-54 | 2.2 | 37° 15' | 122° 13' | b | 11 miles south of Palo Alto. Blast? |
| 43 | 2 | 09-41-20 | 3.0 | 35.9° | 120.8° | d | 30 miles SE of King City. |
| 44 | 4 | 03-54-25 | 3.5 | 35° 54' | 120° 19' | c | 15 miles south of Coalinga. IV at Creston and Paso Robles. |
| 45 | 5 | 17-28-00 | 2.2 | 37° 31' | 121° 48' | a | 10 miles south of Livermore. |
| 46 | 6 | 04-38-21 | 2.4 | 36° 45' | 121° 13' | c | Southeast of Hollister. |
| 47 | 9 | 04-54-53 | 2.2 | 37° 25' | 121° 37' | b | North of Mt. Hamilton. |

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| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|----------------------|-----|----------------|----------------|---|---|
| 48 | Sept. 9 | 18-04-30 | 2.3 | 37° 12' | 122° 19' | c | 16 miles SSW of Palo Alto. |
| 49 | 11 | 17-07-58 | 1.9 | 37° 36' | 121° 52' | c | SW of Livermore. |
| 50 | 12 | 18-54-33 | 4.6 | 40.6° | 126.7° | d | 115 miles west of Ferndale. |
| 51 | 13 | 20-57-08 | 2.1 | 37° 13' | 121° 55' | c | South of San Jose. |
| 52 | 13 | 22-28-26 | 3.3 | 38.7° | 119.7° | d | Near Markleeville. |
| 53 | 15 | 01-24-33 | 2.7 | 36° 35' | 121° 12' | c | 15 miles west of Llanada. Aftershock of magnitude 2.3 at 02-23-00. |
| 54 | 15 | 09-40-41 | 3.6 | 40° 16' | 124° 18' | c | 20 miles south of Ferndale. III at Westport (Mendocino County). |
| 54 | 18 | 03-12-19 | 3.0 | 40.3° | 124.3° | d | 25 miles south of Ferndale. |
| 55 | 19 | 22-59-28 | 1.9 | 38° 03' | 122° 26' | a | 15 miles NW of Berkeley. |
| 56 | 20 | 06-14-57 | 2.0 | 37.3° | 121.5° | d | Near Mt. Hamilton. |
| 57 | 22 | 07-30-27 | 2.7 | 37° 01' | 121° 33' | c | 14 miles NW of Hollister. |
| 58 | 22 | 07-36-58 | 3.8 | 36.4° | 121.2° | d | North of King City. |
| 59 | 22 | 20-46-20 | 3.4 | 39° 12' | 120° 08' | c | South of Truckee. |
| 60 | 23 | 06-21-51 | 3.5 | 35.7° | 121.1° | d | Near San Simeon. V at Bryson. |
| 61 | 26 | 03-34-29 | 5.3 | 39° 32' | 119° 59' | b | 8 miles west of Reno, Nevada. Sharp shock felt over approximately 12,000 square miles of western Nevada and northeastern California. Minor damage at Reno, Nevada. Maximum intensity VI at Olinghouse Canyon, Reno, and Vista, Nevada, and at Floriston, California. V at Cinnabar Hill Ranch, Fernley, Sparks, and Virginia City, Nevada, and at Baxter, Chilcoot, and La Porte, California |
| 61 | 26 | 03-43-19 | 2.7 | | | | Aftershock. |
| 61 | 26 | 04-16-33 | 3.0 | | | | Aftershock. |
| 61 | 26 | 04-17-20 | 3.0 | | | | Aftershock. |
| 61 | 26 | 04-37-54 | 2.8 | | | | Aftershock. |
| 61 | 26 | 05-04-00 | 3.4 | | | | Aftershock. |

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| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|----------------------|-----|----------------|----------------|---|--------------------------------------|
| 62 | 26 | 17-16-18 | 2.5 | 36° 42' | 121° 45' | c | 9 miles NE of Monterey. |
| 63 | 28 | 22-52-45 | 2.7 | 36.6° | 121.2° | d | 15 miles west of Llanada. |
| 61 | 29 | 10-16-43 | 3.1 | | | | Aftershock of September 26 at 03-34. |

THE REGISTRATION OF EARTHQUAKES

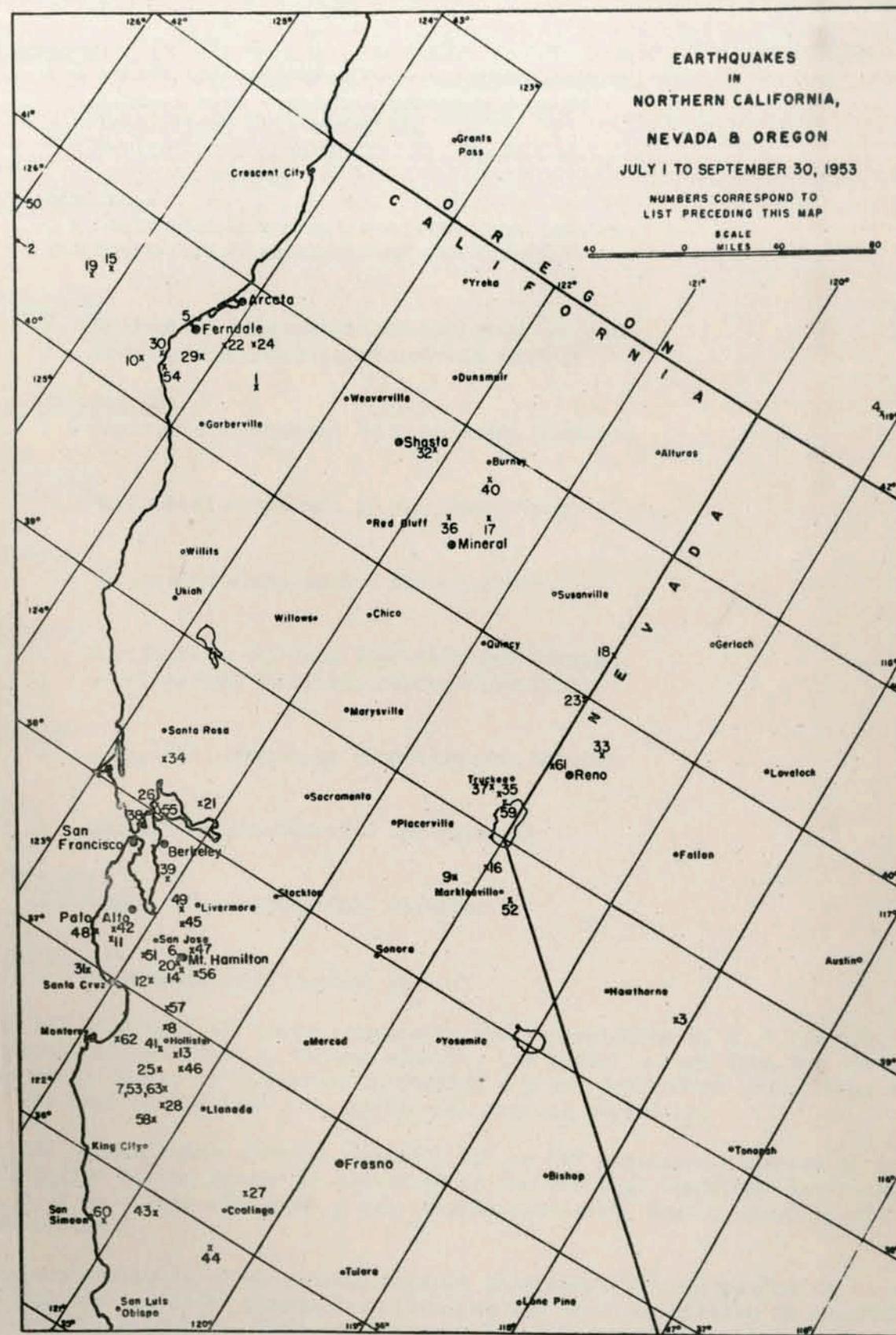
at

 BERKELEY, MOUNT HAMILTON, PALO ALTO, SAN FRANCISCO, FERNDALE
 FRESNO, MINERAL, ARCATA, RENO, CORVALLIS AND SHASTA

All large regional shocks and all distant earthquakes are tabulated on the following pages. Earthquakes in the Northern California, Nevada and Oregon region are included only if of magnitude 5 or greater, or if of special interest. Times of distant shocks are not normally included for Palo Alto, San Francisco, or Ferndale except in cases of defective records at Mount Hamilton, Berkeley, or Arcata, respectively. Communications regarding readings of seismograms should be addressed to Seismographic Station, University of California, Berkeley 4, California. Readings from the Corvallis Station are sent to the University of California by the courtesy of Dr. H. R. Vinyard, Oregon State College.

| Station | North Latitude | West Longitude | Altitude Meters | Feet | Station Symbol | Present Auspices and Date Established |
|---------------|----------------|----------------|-----------------|------|----------------|--|
| Berkeley | 37° 52.3' | 122° 15.6' | 81 | 266 | B, BG* | University of California - 1887 |
| Mt. Hamilton | 37° 20.4' | 121° 38.6' | 1281.7 | 4205 | MH | Lick Observatory - 1887 |
| Palo Alto | 37° 25.1' | 122° 10.8' | 83 | 272 | PA | Stanford University - 1927 |
| San Francisco | 37° 46.4' | 122° 27.2' | 100 | 328 | SF | University of San Francisco - 1931 |
| Ferndale | 40° 34' | 124° 16' | 17 | 55 | Fe | City of Ferndale - 1933 |
| Fresno | 36° 46.1' | 119° 47.8' | 88.4 | 290 | F | Fresno State College - 1935 |
| Mineral | 40° 21' | 121° 35' | 1495 | 4906 | M | National Park Service Lassen Volcanic National Park - 1938 |
| Arcata | 40° 52.6' | 124° 04.5' | 60 | 195 | A | Humboldt State College - 1948 |
| Reno | 39° 32.3' | 119° 48.8' | 1386 | 4546 | R | University of Nevada - 1948 |
| Corvallis | 44° 35.1' | 123° 18.2' | 133 | 405 | C | Oregon State College - 1950 |
| Shasta | 40° 41.7' | 122° 23.3' | 312.4 | 1025 | SH | Bureau of Reclamation - 1942 |

*B denotes readings of short period instruments, BG of long period instruments (12 sec. Galitzin-Wilip).



STATION EQUIPMENT

Berkeley:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.
- 3 - Long-period Galitzin-Wilip.
- 2 - Horizontal-component 100 kg. Bosch-Omori.

Mt. Hamilton:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

Palo Alto:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

San Francisco:

- 2 - Horizontal-component Wood-Anderson torsion.

Ferndale:

- 2 - Horizontal-component 25 kg. Bosch-Omori.

Fresno:

- 3 - Components short-period Sprengnether.

Mineral:

- 2 - Horizontal-component Wood-Anderson torsion.
- 1 - Short-period vertical-component Benioff.

Arcata:

- 2 - Horizontal-component Wood-Anderson torsion.

Reno:

- 3 - Components short-period Sprengnether.

Corvallis:

- 3 - Components short-period Slichter.

Shasta:

- 3 - Components short-period Benioff.

For all stations, the three components are indicated by N, E, Z, in the "phase" column. When no letter appears, the phase is read from the vertical component only. "i" (impetus) preceding a phase designates sudden beginning of the motion; "e" (emersio) designates gradual beginning.

In the column headed "Ground Motion", "c" or "d" indicates compression or dilatation of the ground as indicated by the vertical component instrument. N, S, E or W indicates that ground motion was north, south, east, or west, respectively.

Maximum amplitude of earth displacement in microns (A) and period in seconds (T) of the indicated phases are given for the Berkeley station in the column headed "Time (GCT)". Combined horizontal amplitude of N and E components are designated by H.

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|--------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 1 | B | eP | 03 09 14.0 | | USCGS: $50\frac{1}{2}^{\circ}\text{N}$, 157°E , h = 60 |
| | MH | ipP | 29.3 | c | $O = 02 59 35$ |
| | | eP | 20.3 | c | Near South Coast of Kamchatka |
| | | ipP | 34.7 | c | Pas: Magnitude 6-3/4. |
| | F | i | 10 18.7 | d | |
| | | iPEZ | 09 32.4 | c | |
| | | ipPEZ | 45.1 | c | |
| | M | iP | 06.3 | c | |
| | | ipP | 20.5 | c | |
| | | i | 23.1 | d | |
| | R | i | 41.5 | d | |
| | | eP | 18.0 | c | |
| | SH | iSNEZ | 17 13 | | |
| | | iPNEZ | 09 01.6 | c | |
| | | ipPEZ | 15.6 | | |
| | | i | 10 04.1 | | |
| | | eN | 11 24.5 | | |
| | | e | 12 45.1 | | |
| | | eNZ | 13 57.5 | | |
| | | eSNEZ | 16 40.1 | | |
| | July 1 | MH | e | 06 01 29.7 | d |
| | | e | 02 00.5 | d | |
| | M | eP | 01 12.5 | c | |
| | | e | 35.3 | d | |
| | R | e | 24.2 | c | |
| | SH | eP | 07.7 | c | |
| | | e | 29.7 | | |
| July 2 | B | iP | 07 09 11.8 | c | USCGS: $18\frac{1}{2}^{\circ}\text{S}$, 169°E , h = 200 |
| | | ipP | 10 12.5 | c | $O = 06 56 51$ |
| | | ePP | 12 34.5 | d | New Hebrides Islands. |
| | | eSKSNE | 19 12 | | Pas: Magnitude 7-3/4. |
| | | eNE | 20 54 | | |
| | | eP'P' | 35 25.8 | | |
| | MH | iPNEZ | 09 13.0 | c | |
| | | i | 15.3 | c | |
| | | ipP | 10 15.2 | c | |
| | | iPP | 12 36.2 | d | |
| | | eSKSN | 19 14.0 | | |
| | | e | 16.3 | | |
| | | eE | 21.0 | | |
| | F | eP'P' | 35 23.7 | | |
| | | iP | 09 17.7 | c | |
| | | iNE | 19.0 | | |
| | | iNE | 22.8 | | |
| | | iN | 10 03.2 | | |
| | | iE | 28.5 | | |
| | | iN | 44.0 | | |
| | | i | 11 36.4 | d | |
| | | iN | 12 00.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| July 2 | M | iE | 18 24.0 | | |
| | | iE | 20 12.8 | | |
| | | iP | 09 18.9 | c | |
| | | eNE | 20.0 | | |
| | | i | 21.5 | c | |
| | | i | 10 33.1 | c | |
| | | ipP | 12 49.8 | d | |
| | | eN | 21 13.0 | | |
| | A | eP'P' | 35 13.9 | | |
| | | e | 36 22.2 | | |
| | | ePNE | 09 15.0 | | |
| | R | eSKSNE | 19 16.9 | | |
| | | iP | 09 24.4 | c | |
| | | i | 52.2 | d | |
| | | ipP | 12 54.8 | | |
| | C | eSKSE | 19 25.8 | | |
| | | eN | 21.4 | | |
| | | iP | 09 25 | | |
| | | eSKSN | 19 30 | | |
| | | e | 39 38 | | |
| | SH | iPNEZ | 09 17.4 | c | |
| | | iE | 26.7 | | |
| | | iNZ | 29.7 | | |
| | | i | 49.4 | | |
| | | ipPN | 10 18.7 | | |
| | | i | 22.7 | | |
| | | eE | 51 | | |
| | | iPPEZ | 12 46.7 | d | |
| | | eSKSNE | 19 19.2 | | |
| | | e(S) | 33.7 | | |
| | | eP'P' | 35 12 | c | |
| | | e | 20 | d | |
| | | e | 36 19.4 | c | |
| | | e | 55 30.7 | c | P'P'P' ? |
| July 2 | SH | eP | 08 59 26.6 | | USCGS: 42°N , $144\frac{1}{2}^{\circ}\text{E}$, $O = 08 48 26$ |
| | | e | 40.7 | | Near East Coast of Hokkaido, Japan. |
| | MH | iP | 13 42 33.2 | c | USCGS: 15°S , 75°W , h = 60 |
| | | e | 49.7 | d | $O = 13 31 26$ |
| | | e | 44.1 | c | Near Coast of Southern Peru. |
| | R | e | 43 11.1 | | |
| | SH | eP | 42 29.1 | d | |
| | | e | 39.3 | | |
| | | e | 45.7 | | |
| | | e | 49.5 | | |
| July 2 | MH | eP | 22 00 37.0 | c | |
| | SH | eP | 41.5 | d | |
| | | e | 03 39.0 | | |
| | SH | eP | 22 41 12.0 | | USCGS: Ryukyu Islands Region |
| | | | | | $O = 22 28 36$ |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 3 | MH | eP | 05 44 16.7 | c | |
| | M | eP | 13.4 | c | |
| | | e | 45 04.7 | d | |
| | SH | eP | 44 09.4 | c | |
| | | i | 10.2 | d | |
| | | e | 56.7 | | |
| July 3 | M | e | 16 39 37.7 | | |
| | SH | eP | 29 | c | |
| | | e | 42 | d | |
| | | e | 49.5 | c | |
| July 3 | B | eP | 18 48 16.9 | | |
| | | i | 48.6 | | |
| | MH | iP | 17.3 | c | |
| | | i | 22.8 | c | |
| | | i | 43.3 | c | |
| | | i | 49 21.6 | d | |
| | M | e | 48 19.9 | c | |
| | | i | 27.5 | d | |
| | | i | 45.7 | d | |
| | R | e | 18.4 | | |
| | | e | 50 33.1 | c | |
| | SH | eP | 48 19.5 | c | |
| | | e | 46.4 | | |
| July 3 | SH | eP | 20 30 14.0 | d | |
| July 4 | MH | e | 01 52 17 | e | |
| | M | e | 53 04.5 | c | |
| | R | e | 52 32.3 | c | |
| July 4 | M | e | 08 07 02.4 | c | |
| | SH | eP | 06 29 | c | |
| | | e | 07 10 | | |
| July 4 | M | eP | 10 02 10.4 | c | |
| July 4 | M | eP | 19 54 49.1 | c | USCGS: Kermadec Islands |
| | R | e | 51.7 | | |
| | SH | eP | 48 | | |
| July 5 | M | e | 02 25 52.7 | d | USCGS: 51°N, 178½°W, h = 100 |
| | | i | 56.2 | c | |
| | R | eN | 50.6 | | |
| | | e | 26 14.2 | d | Andreaonof Island, Aleutians. Felt: Adak. |
| July 5 | BG | eN | 08 27.4 | | |
| | MH | iP | 07 05 | c | |
| July 5 | M | e | 10 39 18.4 | c | |
| July 5 | M | e | 11 51 47.8 | c | |
| July 5 | B | e | 13 06 23.5 | | |
| | | e | 38.0 | | |
| | F | e | 33.8 | | |
| | M | eP | 22.2 | d | |
| | | e | 36.3 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 5 | R | e | 30.3 | | |
| | PA | eP | 23.7 | c | |
| | SH | eE | 19 | | |
| July 5 | M | eP | 13 14 43.1 | d | USCGS: 42½°N, 157°E, 0 = 13 04 58 Kurile Islands. |
| | | e | 48.7 | | |
| July 5 | M | iP | 14 15 40.2 | c | |
| July 6 | B | iP | 22 09 02.0 | c | USCGS: Southeastern New Guinea. 0 = 21 55 30. |
| | BG | eLN | 35.4 | | |
| | | eN | 39.9 | | |
| | | eNZ | 44.6 | | |
| | F | eP | 09 10.5 | c | |
| | M | eP | 04.9 | c | |
| | R | i | 12.6 | d | |
| | PA | eP | 01.8 | c | |
| | SH | ePNE | 02 | | |
| | | eN | 29.4 | | |
| | | eN | 19 07.4 | | |
| July 7 | F | iP' | 04 26 28.3 | d | USCGS: 1°N, 100°E, 0 = 04 07 33 Sumatra. |
| | M | eP' | 21.1 | c | |
| | R | eP' NEZ | 25.8 | d | |
| | PA | eP' | 24.1 | c | |
| | SH | eP' N | 27 35.0 | c | |
| | | eN | 26 22.5 | | |
| | | eSKSE | 29.9 | | |
| July 7 | F | eP | 13 54 14.6 | | USCGS: 47½°N, 156°E, 0 = 13 44 03 Kurile Islands. |
| | M | eP | 53 50.7 | c | |
| | | i | 54 06.9 | c | |
| | R | eNE | 01.5 | | |
| | | e | 03.9 | c | |
| | PA | eP | 02.5 | c | |
| | SH | ePNE | 53 47.4 | | |
| | | eE | 54 50.2 | | |
| July 7 | B | eP | 17 40 18.2 | | USCGS: 31°N, 141½°E, 0 = 17 28 25 South of Honshu, Japan. |
| | | e | 25 | | |
| | | eSNE | 50 54 | | |
| | | eN | 59.7 | | |
| | | eN | 18 01.2 | | |
| | | e | 04.4 | | |
| | PA | iP | 17 40 19.4 | c | |
| | M | eP | 08.6 | d | |
| | | i | 21.2 | d | |
| | R | ePN | 13.5 | | |
| | | eEZ | 15.4 | c | |
| | SH | ePE | 11.3 | | |
| July 7 | BG | eNE | 21 20.4 | | |
| | M | e | 20 56 46.2 | d | USCGS: 24°N, 45°W, 0 = 20 46 03 North Atlantic Ocean. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| July 8 | B | iP | 13 12 56.0 | c | |
| | F | eP | 13 13.7 | c | USCGS: Fox Island, Aleutian Islands |
| | M | iP | 12 46.7 | c | 0 = 13 06 10. |
| | | i | 52.6 | c | |
| | | e | 13 03.8 | c | |
| | | e | 21.7 | d | |
| | R | i | 00.9 | d | |
| | PA | eP | 12 59 | c | |
| | MH | e | 07 19 22 | c | |
| | M | e | 18 45.6 | c | |
| | R | i | 19 06.0 | c | |
| | SH | ePNE | 18 37.0 | c | |
| | | eE | 22 55.5 | c | |
| July 9 | MH | eP | 08 14 00 | c | USCGS: Northern Chile, h = 100. |
| | | e(pP) | 28 | d | 0 = 08 02 17. Felt: Montezuma. |
| | M | eP | 08.0 | d | |
| | | e(pP) | 36.0 | d | |
| | SH | iPNE | 11.0 | c | |
| | | iE | 18.9 | c | |
| | | eE | 45.0 | c | |
| | | eN | 50.5 | c | |
| | | eN | 15 02 | c | |
| July 9 | M | e | 09 12 44.5 | c | |
| | | e | 13 18.5 | c | |
| July 9 | MH | iP | 11 25 41 | c | |
| | M | eP | 46.5 | c | |
| July 9 | M | eP | 12 44 07.7 | d | |
| | | e | 23.0 | d | |
| July 9 | B | eP | 21 34 29.4 | d | USCGS: 30°N, 42½°W, 0 = 21 23 48 |
| | BG | i | 35 50 | c | North Atlantic Ocean |
| | B | ePP | 36 48.5 | c | Pas: Magnitude 6½ - 6-3/4. |
| | BG | iSNE | 43 18 | c | |
| | | eQE | 54.6 | c | |
| | | eRZ | 56.9 | c | |
| | MH | iP | 34 29 | d | |
| | | i | 35 | d | |
| | | e | 35 46 | c | |
| | | ePP | 36 52 | c | |
| | F | i | 34 19.9 | c | |
| | M | eP | 19.8 | d | |
| | | e | 48.1 | d | |
| | R | iP | 11.2 | c | |
| | C | eP | 20 | c | |
| | | eSE | 43 03 | c | |
| | | eL | 55 00 | c | |
| | SH | ePE | 34 23.6 | c | |
| | | eN | 44.4 | c | |
| | | eE | 37 14 | c | |
| | | eE | 42 44.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|----------------------------------|
| 1953 | | | h. m. s. | | |
| July 10 | MH | e | 07 31 28 | d | USCGS: 16°S, 76°W, 0 = 07 20 18. |
| | | e | 45 | d | off Coast of Peru. |
| | M | e | 37.5 | d | |
| | | e | 32 16.3 | d | |
| July 10 | MH | e | 08 19 28 | c | |
| | M | eP | 29.5 | c | |
| | | i | 37.4 | c | |
| | | e | 20 33.0 | c | |
| | SH | ePE | 19 28 | c | |
| | | eE | 41 | c | |
| July 10 | MH | e | 12 54 24 | d | |
| | | e | 55 18 | d | |
| | M | e | 00.0 | d | |
| | | e | 58 53.3 | d | |
| | R | e | 54 40.5 | c | |
| | | e | 58 08.4 | c | |
| July 10 | B | eP | 15 28 33.0 | d | |
| | MH | eP | 34 | d | |
| | M | e | 30 04 | c | |
| | | i | 28 33.9 | c | |
| | SH | ePNE | 32.3 | c | |
| | | eN | 30 04.8 | c | |
| | | eN | 31 18.3 | c | |
| | | e(S) E | 36 02.8 | c | |
| July 12 | M | e | 00 56 18.1 | c | |
| July 12 | BG | eP | 06 56 50 | d | USCGS: 2°S, 139½°E, 0 = 06 43 05 |
| | | ePP | 07 00 51 | d | near North Coast of New Guinea |
| | | iSKSE | 07 18 | d | |
| | | eNZ | 27 | d | |
| | | eEZ | 15 23 | d | |
| | MH | iP | 06 56 54.5 | c | |
| | | e | 57.9 | d | |
| | F | eSKSE | 07 07 38.2 | c | |
| | M | eP | 06 56 48.6 | c | |
| | | i | 58.5 | c | |
| | | ePP | 07 00 53.7 | c | |
| | R | eP | 06 56 58.0 | d | |
| | | ePP | 07 00 55.5 | d | |
| | | eN | 08 27.5 | c | |
| | SH | ePN | 06 56 43 | c | |
| | | eE | 07 01.1 | c | |
| | | eSKSNE | 07 25.6 | c | |
| July 12 | M | e | 08 40 39.4 | c | |
| | | e | 41 08.9 | d | |
| July 13 | M | e | 06 40 34.3 | d | |
| July 13 | M | e | 10 45 05.8 | c | |
| July 13 | B | iP | 19 31 41.1 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|---------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| July 13 | MH | eP | 41.3 | c | |
| | | i | 47.9 | c | |
| | | e | 58.4 | d | |
| | | e | 32 07.1 | c | |
| | F | iP | 31 45.4 | c | |
| | | e | 32 42.8 | d | |
| | M | eP | 31 51.8 | c | |
| | | e | 33 13.4 | c | |
| | R | iP | 31 56.3 | c | |
| | | e | 32 11.8 | c | |
| | SH | iPNE | 31 51.0 | | |
| | | eE | 32 38.5 | | |
| | July 13 | B | 21 41 10.3 | c | USCGS: 18°S, 169½°E, O = 21 28 35. New Hebrides Islands. |
| | | iP | 47 36 | d | |
| | MH | iP | 41 11.5 | c | |
| | | e | 42 11.5 | c | |
| | F | iP | 41 16.1 | c | |
| | | e | 42 16.6 | c | |
| | M | iP | 41 18.2 | c | |
| | R | iP | 22.6 | c | |
| | SH | ePNE | 16.5 | | |
| | | eNE | 51 | | |
| | | eE | 51 58 | | |
| | July 15 | MH | 02 45 23.9 | c | USCGS: 48½°N, 154½°E, h = 60, O = 02 35 25 Kurile Islands. |
| | | epP | 37.3 | c | |
| | M | eP | 11.9 | c | |
| | | ipP | 24.4 | c | |
| | R | iPEZ | 23.6 | c | |
| | SH | eNE | 19.2 | | |
| | July 15 | M | 08 39 18.1 | c | |
| | | e | 34.6 | c | |
| | M | eP | 10 14 52.5 | c | |
| | July 15 | MH | 22 45 32 | c | USCGS: Off North Coast of Formosa. |
| | | e | 28.2 | d | O = 22 32 20 Felt. |
| | M | iP | 34.3 | | |
| | R | e | 36.1 | d | |
| | C | eNEZ | 36.1 | d | |
| | SH | eP | 12 | | |
| | | ePNE | 25.4 | | |
| | | eE | 38.6 | | |
| | July 16 | MH | 06 48 45 | c | |
| | | e | 58 | c | |
| | M | e | 49 13.0 | d | |
| | | e | 35.3 | d | |
| | R | e | 07.6 | d | |
| | July 17 | M | 13 14 33.9 | c | |
| | | eP | 49.0 | c | |
| | R | i | 16.1 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|---------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 17 | MH | eP | 13 40 13 | c | |
| July 18 | MH | e | 03 48 47.0 | d | |
| July 19 | M | eP | 13 10 48.5 | d | |
| | | e | 12 18.3 | d | |
| | July 20 | B | 08 20 14.6 | c | USCGS: 21°S, 177°W, h = 100, O = 08 08 20. Tonga Islands Region Pas: Magnitude 6½. |
| | | iP | 42.1 | c | |
| | | i | 21 02.0 | | |
| | | e | 24 01.5 | | |
| | BG | isNE | 30 17.5 | | |
| | | eSSNE | 35.4 | | |
| | | eQNE | 41.4 | | |
| | PA | iP | 20 13.8 | c | |
| | | e | 37.1 | c | |
| | | e | 21 02.4 | | |
| | F | iP | 20 18.5 | c | |
| | | i | 21 05.0 | c | |
| | M | eP | 20 24.0 | d | |
| | | i | 54.5 | d | |
| | | i | 21 09.4 | d | |
| | R | iPNEZ | 20 29.1 | c | |
| | | i | 21 16.3 | d | |
| | | eE | 23 10.6 | | |
| | SH | ePE | 20 23.0 | | |
| | | eE | 21 01.3 | | |
| | | eE | 29 49.0 | | |
| | July 20 | M | 08 46 59.7 | d | |
| | | e | 50 14.2 | c | |
| | July 21 | M | 06 05 46.8 | c | |
| | | e | 56.1 | c | |
| | July 21 | B | 08 54 07.0 | | Off Coast of Oregon. |
| | | e(P) | | | |
| | BG | eSE | 55 48 | | |
| | | M | 53 43.1 | c | |
| | R | e | 54 25.7 | | |
| | | A | 53 51.5 | | |
| | SH | ePE | 33 | | |
| | July 21 | M | 12 48 23.2 | d | |
| | | e | 40.5 | c | |
| | July 21 | C | 15 53 19 | | |
| | | ePE | | | |
| | July 21 | B | 17 35 29.5 | c | USCGS: 27½°N, 128°E, O = 17 22 39. Ryukyu Islands |
| | | i | 40.5 | c | |
| | PA | eP | 30.3 | | |
| | | F | 35.6 | d | |
| | R | iP | 33.6 | d | |
| | | C | 10 | | |
| | SH | ePN | 22.5 | | |
| | | iPE | 33.5 | | |
| | | iE | 39 15.0 | | |
| | | eE | | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 22 | B | iP | 05 20 53.1 | c | |
| | BG | epP | 21 08.0 | c | Compression from NW, USCGS: 51°N, 157°E, h = 60 |
| | | eN | 28 31 | | 0 = 05 11 15. Near South Coast of |
| | | isNE | 44.0 | | Kamchatka. Magnitude 6 3/4. |
| | | i | 46.0 | | |
| | | isSE | 29 08.0 | | |
| | | eE | 31.6 | | |
| | | eQNE | 33.9 | | |
| | | eN | 34.8 | | |
| | | e | 35.1 | | |
| | | A | T | | |
| | | PZ | 3.6 6 | | |
| | | SH | 11 7 | | |
| PA | | eP | 05 20 56.4 | c | |
| F | | iP | 21 08.9 | c | |
| | M | i | 33.0 | c | |
| | R | eP | 20 45.0 | | |
| | C | eS | 28 25.3 | | |
| | R | iP | 20 56.7 | c | |
| | | i | 21 11.2 | c | |
| | | eSNEZ | 28 43 | | |
| | | eEZ | 29 23 | | |
| | C | ePN | 20 20 | | |
| | | eSN | 27 39 | | |
| | SH | ePNE | 20 40.3 | | |
| | | iE | 55.8 | | |
| | | iE | 21 01.7 | | |
| | | eN | 23 48.8 | | |
| | | eSE | 28 17 | | |
| | | eN | 42 | | |
| July 22 | M | e | 10 19 56.9 | c | USCGS: 48½°N, 128°W, 0 = 10 17 39. |
| | | e | 20 06.0 | d | Off Coast of Vancouver, B.C. |
| July 22 | C | iN | 19 56 | | |
| July 22 | M | e | 10 38 30.5 | c | Vancouver? |
| July 22 | C | eP | 28 | | |
| July 22 | B | eP | 10 40 09.5 | | USCGS: 48½°N, 128°W, 0 = 10 37 20. |
| | | e(S) | 42 21 | | Off Coast of Vancouver, B.C. |
| | | eN | 42.6 | | |
| | F | iP | 40 29.7 | | |
| | M | iP | 39 39.0 | c | |
| | | i | 57.6 | c | |
| | A | eN | 40 56.5 | | |
| | | iEZ | 58.4 | c | |
| | C | iPN | 39 35 | | |
| | | eN | 41 25 | | |
| | SH | ePNE | 39 30.5 | | |
| | | eNE | 54 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 22 | | eE | 42.5 | | |
| | | eN | 42.7 | | |
| July 22 | M | e | 13 03 08.5 | c | USCGS: 42½°N, 143°E, 0 = 12 52 12. |
| | R | eEZ | 27 | c | Near South Coast of Hokkaido, Japan |
| July 22 | M | eP | 18 00 58.0 | c | USCGS: North Atlantic Ocean Foresight. |
| | | i | 01 06.6 | c | 0 = 17 50 22. |
| July 22 | BG | eSNE | 18 24 09 | | USCGS: 26½°N, 44½°W, 0 = 18 04 30 |
| | | e | 50 | | North Atlantic Ocean. |
| | | eNE | 31 13 | | |
| | | eN | 36.2 | | |
| | | eE | 37.7 | | |
| | M | iP | 15 06.6 | c | |
| | | e | 29.9 | c | |
| July 23 | M | iP | 05 06 58.0 | c | |
| | | i | 07 03.9 | c | |
| | | i | 11.4 | c | |
| | R | e | 09.8 | d | |
| July 23 | M | eP | 11 02 11.8 | d | USCGS: Andreanof Island, Aleutian |
| | | i | 20.5 | d | Islands. h = 60, 0 = 10 54 55. |
| | | i | 28.0 | c | Felt: Adak. |
| | | e | 48.4 | | |
| July 23 | F | e | 18 34 10.8 | d | USCGS: Off Southeast Coast of |
| | M | e | 33 39.3 | d | Kamchatka. 0 = 18 24 14. |
| | R | eEZ | 57.7 | c | |
| | | eNEZ | 34 17 | d | |
| July 24 | MH | iP | 11 04 01.0 | d | USCGS: 11°S, 166°E, 0 = 10 51 34. |
| | | e | 11.5 | d | Santa Cruz Islands. |
| | M | eP | 04.5 | c | |
| | | i | 13.8 | d | |
| | R | e | 10.1 | c | |
| July 24 | R | e | 21 34 33.1 | c | |
| July 25 | MH | i | 07 53 25 | c | |
| | M | iP | 17.6 | d | |
| | | i | 54 01.3 | c | |
| | SH | iP | 53 14.4 | d | |
| | | e | 50.9 | | |
| | | i | 53 14.4 | d | |
| July 25 | B | eP | 17 38 56.5 | | |
| | BG | eN | 59.9 | | |
| | MH | eP | 38 56.5 | c | |
| | | i | 39 02.5 | c | |
| | F | e | 09.0 | c | |
| | M | eP | 00.6 | d | |
| | | i | 06.7 | c | |
| | | e | 18.7 | d | |
| | R | iPNZ | 40 12.8 | c | |
| | SH | ePZ | 39 11.1 | d | |
| | | | 05 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 25 | | e | 18 | | |
| July 26 | M | e | 07 56 51.5 | d | |
| | | e | 56.0 | d | |
| | | e | 57 05.4 | d | |
| July 26 | MH | iP | 13 16 18.0 | c | USCGS: Near South Coast of Peru h = 60, O = 13 05 20 |
| | | i | 30.0 | d | |
| | | i | 44.0 | d | Felt: Ica. |
| | M | eP | 28.3 | c | |
| | | e | 44.2 | c | |
| | R | e | 17 42.3 | d | |
| | SH | iP | 16 20.7 | d | |
| | | eP | 31.3 | c | |
| | | e | 47.8 | c | |
| July 26 | B | iP | 17 05 13.9 | c | USCGS: $17\frac{1}{2}^{\circ}\text{N}$, 145°E , h - 200 O = 16 53 16, Marianas Islands |
| | | ipP | 58.9 | | |
| | BG | i | 09 01.5 | | Pas: Magnitude 7. |
| | | iSNEZ | 15 05.5 | | |
| | | e | 24 54 | | |
| | | e | 30 57 | | |
| | MH | iP | 05 17.0 | c | |
| | | ipP | 06 02 | c | |
| | | i | 08 56 | c | |
| | F | eS | 15 17 | | |
| | | iP | 05 24.5 | c | |
| | | iSNE | 15 24.5 | c | |
| | | i | 25.2 | d | |
| | M | iP | 05 12.4 | c | |
| | | i | 24.0 | c | |
| | | i | 06 04.1 | c | |
| | | i | 08 34.7 | c | |
| | | eS | 15 01.0 | | |
| | A | eE | 05 04.3 | | |
| | | eE | 14 43 | | |
| | R | iP | 05 21.7 | c | |
| | | iSNEZ | 15 19 | | |
| | SH | iPEZ | 05 09.4 | c | |
| | | i | 16.3 | c | |
| | | epP | 51.9 | | |
| | | e | 08 00.4 | c | |
| | | eS | 14 46.1 | | |
| | | eNE | 55 | | |
| | | eE | 15 06 | | |
| July 26 | M | iP | 17 49 29.1 | d | |
| | | i | 44.7 | c | |
| | R | e | 46.7 | c | |
| | SH | eP | 21.4 | d | |
| July 26 | M | e | 51 26.4 | | |
| | SH | eP | 19 00 16.7 | c | |
| | | | 12 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| July 26 | | e | 24.5 | c | |
| July 27 | M | eP | 09 13 22.8 | d | |
| July 27 | M | eP | 15 22 34.1 | c | USCGS: $34\frac{1}{2}^{\circ}\text{N}$, $140\frac{1}{2}^{\circ}\text{E}$, O = 15 10 58 |
| | | i | 45.1 | c | Near East Coast of Honshu, Japan |
| | | | | | Felt: Tokyo. |
| July 28 | MH | eP | 05 50 08.8 | d | |
| | | i | 14.6 | d | |
| | | i | 22.3 | c | |
| | | i | 36.5 | c | |
| July 28 | R | iP | 10.6 | c | |
| | B | iP | 07 50 52.1 | d | USCGS: 21°S , $178\frac{1}{2}^{\circ}\text{W}$, h = 550 |
| | | i | 51 28.9 | | O = 07 39 41. |
| | | e | 52 44 | | Fiji Islands Region |
| | | ipP | 49.2 | | Pas: Magnitude $6\frac{1}{4}$. |
| | BG | eSNE | 08 00 04 | | |
| | | iE | 31 | | |
| | | e | 52 | | |
| | | eN | 03 44 | | |
| | MH | iP | 07 50 52.4 | d | |
| | | i | 51 06.0 | c | |
| | | e | 52 47.8 | | |
| | F | iP | 50 56.5 | | |
| | R | iP | 51 05.6 | d | |
| | | eNE | 08 00.6 | | |
| | C | iP | 07 51 12 | | |
| | SH | iPNZ | 00.7 | d | |
| | | i | 20.6 | | |
| | | ipP | 53 00 | | |
| | | eS | 08 00 21.6 | | |
| | | eNE | 24 | | |
| | | eN | 44.6 | | |
| July 28 | MH | e | 08 20 19.0 | d | |
| | | e | 32.5 | c | |
| | | e | 42.0 | d | |
| July 28 | SH | e | 41 | c | |
| July 28 | MH | e | 09 48 33.4 | c | |
| | | e | 40.1 | d | |
| | | e | 55.7 | d | |
| July 28 | MH | e(P) | 18 10 41 | d | |
| | M | e(P) | 17.9 | | |
| | SH | e | 20.3 | | |
| | | e | 33.8 | | |
| July 28 | MH | e | 21 32 36 | c | |
| | SH | eP | 22.9 | | |
| | | e | 28.4 | | |
| July 29 | MH | i | 11 20 46.6 | d | |
| | M | eP | 59.0 | d | |
| | | i | 21 05.0 | c | |
| | | e | 20.6 | d | |
| | SH | eP | 20 59.5 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| July 29 | MH | e | 21 15.3 | c | |
| July 29 | BG | i | 15 37 51.6 | c | |
| | | eP | 18 22 56.0 | c | USCGS: 13°N, 90½°W, O = 18 15 34 |
| | | eNE | 24 39 | | Off Coast of Guatemala |
| | | i | 45.0 | | Pas: Magnitude 6. |
| | | eSNZ | 28 50 | | |
| | | eLN | 31 51 | | |
| | | eScSNE | 33 13 | | |
| | | eRNZ | 38.1 | | |
| | MH | eP | 22 50.5 | c | |
| | | i | 55.9 | c | |
| | | i | 23 25.9 | d | |
| | F | e | 24 47.5 | c | |
| | M | iPNZ | 22 37.3 | d | |
| | | iP | 23 08.1 | d | |
| | | e | 24 44.1 | c | |
| | R | iP | 22 51.9 | c | |
| | C | iPN | 23 32 | | |
| | | eLN | 40 25 | | |
| | SH | ePEZ | 23 08 | c | |
| | | e | 13 | | |
| | | e | 29.9 | | |
| | | eNE | 25 01 | | |
| | | eS | 29 10 | | |
| | | eE | 38 44 | | |
| July 29 | B | iP | 23 29 27.0 | | USCGS: 16°S, 173°W, O = 23 18 02 |
| | BG | iSNEZ | 38 48.5 | | Fiji Islands Region, Felt: Apia |
| | | eNE | 42 56 | | Pas: Magnitude 6½. |
| | | eN | 49.8 | | |
| | | eRNEZ | 50.4 | | |
| | MH | eP | 29 27.8 | c | |
| | | e | 43.6 | c | |
| | F | iP | 32.1 | | |
| | M | e | 55.1 | c | |
| | | e | 57 11 | | |
| | R | iP | 29 42.0 | c | |
| | C | ePN | 44 | | |
| | SH | iPNEZ | 36.7 | c | |
| | | e | 45.7 | | |
| July 30 | MH | eP | 05 37 16.8 | d | USCGS: North Central Utah |
| | M | eP | 11.4 | c | O = 05 35 06 |
| | | i | 11.9 | d | |
| | R | iPNEZ | 36 50.5 | c | |
| July 30 | BG | e | 06 14 43 | | USCGS lists a shock in North Central |
| | | eSNE | 25 06 | | Utah, O = 06 13 00 |
| | | eN | 37.2 | | Arrivals from Utah are nearly |
| | F | iP | 06 14 59.1 | | coincident with arrivals from |
| | M | iP | 15 06.1 | d | a more distant shock. Probably |
| | | i | 18.7 | c | in the Southwest Pacific Area. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|------------------------------------|
| 1953 | | | h. m. s. | | |
| July 30 | R | e | 16 12.5 | | |
| | | eP | 14 44.1 | d | Utah? |
| | SH | e(P) | 15 09.3 | d | Pacific? |
| | | eP | 04.5 | | |
| | | e | 14.0 | | |
| July 30 | M | eP | 06 38 08.1 | c | USCGS: 57°N, 160°E, O = 06 28 53 |
| | | e | 13.3 | d | Off Southeast Coast of Kamchatka. |
| | | e | 21.8 | c | |
| July 30 | MH | eP | 07 02 16.1 | d | |
| | | e | 47.1 | d | |
| | | e | 56.5 | c | |
| | M | eP | 24.0 | c | |
| | | e | 32.0 | d | |
| | R | eP | 26.2 | | |
| | SH | eP | 24.0 | | |
| | | e | 46.0 | | |
| July 30 | M | eP | 08 36 54.3 | c | USCGS: Near South Coast of Honshu, |
| | SH | eP | 51.1 | e | Japan. O = 08 24 50. |
| | | e | 56.9 | | |
| July 30 | M | e | 09 45 27.3 | c | |
| July 30 | B | iP | 21 14 45.2 | c | USCGS: 22°S, 69°W, h = 100 |
| | | | 41.6 | d | 0 = 21 02 54. Northern Chile |
| | | i | 42.7 | c | Felt: Antofagasta. |
| | | i | 15 29.5 | c | |
| | F | iP | 14 31.5 | d | |
| | M | eP | 50.2 | d | |
| | | i | 15 00.2 | c | |
| | R | iP | 14 43.2 | d | |
| | SH | eP | 52.7 | d | |
| | | e | 15 02.3 | | |
| | | e | 25.2 | | |
| July 30 | BG | eP | 23 56 39.5 | c | USCGS: 19°N, 145°E, h = 200 |
| | | e | 57 41 | | 0 = 23 44 44 |
| | | e | 58 10 | | Marianas Islands. |
| | | e | 24 00 40 | | |
| | | iSNEZ | 06 25 | | |
| | | iNE | 07 44 | | |
| | | eN | 11 32 | | |
| | | eQN | 16.9 | | |
| | | eREZ | 21.6 | | |
| | MH | iP | 23 56 43.7 | c | |
| | | i | 53.8 | c | |
| | | i | 57 31.5 | c | |
| | | i | 43.3 | d | |
| | | i | 58 24.0 | c | |
| | | i | 41.6 | c | |
| | | i | 59 06.5 | c | |
| | F | iPEZ | 56 50.9 | c | |
| | | eSN | 24 06 47.0 | | |
| | M | iP | 23 56 38.3 | c | |
| | | i | 57 37.8 | d | |
| | | i | 50.2 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| July 30 | R | iP | 56 46.9 | | |
| | C | eSNE | 24 06 39.0 | | |
| | SH | ePN | 23 56 29 | | |
| | | iPNEZ | 35.3 | c | |
| | | e | 48.3 | | |
| | | e | 57 28.8 | | |
| | | eSNE | 24 06 17 | | |
| July 31 | M | i | 00 19 49.9 | d | |
| | | i | 56.0 | d | |
| July 31 | B | eP | 00 43 08.0 | | |
| | | i | 52.3 | c | |
| July 31 | M | eP | 06 20 01.0 | | |
| | SH | eP | 19 57.9 | | |
| July 31 | MH | iP | 10 20 50.2 | | |
| | | e | 21 02.1 | d | |
| | | e | 22.2 | c | |
| | M | eP | 00.1 | c | |
| | | i | 49.0 | c | |
| July 31 | MH | eP | 14 23 44.9 | c | |
| | | e | 56.3 | d | |
| | M | eP | 52.3 | c | |
| July 31 | B | eP | 24 06.9 | d | |
| | BG | e(S)E | 23 10 20.0 | c | USCGS: Mendoza Province, Argentina 0 = 22 57 30. Felt. |
| | | eN | 20 52 | | |
| | | | 21 00 | | |
| | MH | e | 10 15.2 | d | |
| | | i | 19.2 | c | |
| | F | e | 31.1 | d | |
| | M | iP | 07.9 | c | |
| | R | e | 35.4 | c | |
| | SH | e(P) | 18.7 | d | |
| | | eP | 27.5 | d | |
| | | e | 49.3 | | |
| August 1 | BG | eP | 00 41 46.0 | c | USCGS: 18½°S, 174°W, 0 = 00 30 07 Tonga Islands |
| | | eSE | 51 25 | | |
| | | e | 52 30 | | |
| | | eQN | 01 00.9 | | |
| | MH | eP | 00 41 45.7 | d | |
| | F | i | 51.0 | c | |
| | M | eP | 55.4 | c | |
| | | e | 43 13 | | |
| | R | eP | 41 58.5 | c | |
| | SH | eP | 55.2 | d | |
| | | e | 42 07.7 | d | |
| August 1 | M | eP | 10 24 58.0 | d | |
| | | e | 25 18.4 | d | |
| August 1 | SH | e | 24 53.0 | | |
| August 1 | MH | iP | 12 20 35.8 | d | |
| | M | eP | 45.9 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 1 | | e | 58.3 | | |
| Aug. 1 | MH | eP | 16 14 45.4 | d | |
| | M | eP | 34.5 | c | |
| | SH | eP | 30.1 | c | |
| | | e | 44.6 | c | |
| Aug. 1 | M | e | 18 26 29.6 | | |
| | | e | 51.7 | c | |
| Aug. 2 | MH | eP | 08 57 37.3 | d | USCGS: 21°S, 170°E, 0 = 08 44 51 Loyalty Islands. |
| | | e | 46.6 | c | |
| | F | eP | 58 34.6 | d | |
| | M | eP | 57 44.6 | | |
| | | e | 45.1 | c | |
| | R | eP | 58 15.6 | d | |
| | B | eP | 57 48.8 | | |
| | | e | 35.0 | | |
| | BG | eSNE | 17 28 10.0 | | |
| | | eNE | 38 24.5 | | |
| | | eNE | 43 11 | | |
| | MH | iP | 44 35 | | |
| | | i | 28 11 | c | |
| | F | iP | 36 | d | |
| | M | e | 22.2 | | |
| | | e | 10.1 | c | |
| | R | iP | 34.0 | c | |
| | SH | eP | 19.2 | c | |
| | | i | 06.5 | d | |
| | | i | 07.5 | c | |
| | | i | 24.3 | | |
| Aug. 2 | B | eP | 17 32 48.0 | | USCGS: Loyalty Islands. 0 = 17 19 59 Mixed with last shock. |
| | MH | eP | 47 | d | |
| | F | i | 33 00.2 | | |
| | M | eP | 32 57.5 | c | |
| | | e | 33 26.3 | d | |
| | R | eP | 32 59.6 | c | |
| | | e | 33 32.2 | c | |
| | SH | ePEZ | 32 55.2 | | |
| | MH | iP | 21 11 27.1 | c | USCGS: Bonin Islands, h = 200 0 = 20 59 29 |
| | | e | 43.2 | d | |
| | | e | 12 41.8 | d | |
| | F | iP | 11 35.2 | c | |
| | M | iP | 21.6 | d | |
| | | i | 31.7 | c | |
| | R | i | 12 39.5 | c | |
| | SH | iPEZ | 11 30.3 | | |
| | | ePNEZ | 17.8 | c | |
| | | i | 26.5 | | |
| | | e | 12 26.6 | c | |
| Aug. 3 | MH | eP | 04 16 09.0 | | |
| | | e | 19.3 | d | |
| | M | eP | 22.8 | c | |
| | | e | 30.7 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Aug. 3 | e | | 42.0 | d | |
| Aug. 3 | MH | eP | 14 29 00.6 | c | USCGS: $17\frac{1}{2}^{\circ}$ S, 173° W, h = 60 |
| | | e | 10.5 | d | $0 = 14 17 35$ |
| | | e | 19.1 | d | Tonga Islands. |
| | F | iPNEZ | 04.6 | | |
| | M | eP | 29 10.7 | c | |
| | | i | 29.0 | c | |
| | | e | 41.8 | c | |
| | R | ePNEZ | 15.4 | d | |
| | | e | 25.0 | d | |
| | SH | eP | 09.7 | c | |
| | | i | 20.5 | | |
| Aug. 4 | SH | eP | 07 55 34 | c | |
| | | e | 56 15 | | |
| Aug. 4 | B | eP | 10 29 16.5 | | USCGS: Off Coast of Vancouver, B.C. |
| | BG | eSEZ | 31 40 | | $0 = 10 26 22$. |
| | MH | iP | 29 26.1 | c | |
| | | i | 34.7 | d | |
| | | e | 47.8 | c | |
| | F | iP | 41.3 | c | |
| | M | iP | 28 49.9 | d | |
| | | i | 29 20.4 | d | |
| | | i | 36.1 | d | |
| | R | iPNEZ | 10.6 | c | |
| | SH | iPNEZ | 28 41.7 | d | |
| | | e | 29 33.5 | c | |
| | | e | 30 08.3 | d | |
| | | e(S)N | 31.0 | | |
| Aug. 4 | MH | ee | 11 10 51.2 | c | |
| | F | ee | 51.2 | d | |
| | M | e | 15.6 | c | |
| | | e | 30.5 | c | |
| | R | e | 35.3 | c | |
| | SH | ePNZ | 07.0 | | |
| Aug. 4 | MH | eP | 11 38 32.4 | d | USCGS: Off Coast of Vancouver, B.C. |
| | F | iP | 47.3 | c | $0 = 11 35 27$. |
| | M | eP | 37 56.4 | d | |
| | | e | 38 17.6 | c | |
| | R | e | 16.1 | c | |
| | SH | ePNEZ | 37 47.0 | d | |
| | | iN | 56.6 | | |
| | | eN | 38 26 | | |
| Aug. 4 | B | iP | 14 05 33.1 | c | USCGS: New Hebrides Islands, h = 200 |
| | | epP | 06 20.0 | | $0 = 13 53 16$ |
| | BG | eSNEZ | 15 43 | | |
| | | e(sS)NE | 17 11 | | |
| | MH | eP | 05 34.9 | c | |
| | | e | 55.6 | d | |
| | | e | 06 14.8 | d | |
| | | e(pP) | 23.1 | c | |
| | F | iP | 05 39.3 | d | |
| | | i | 06 31.9 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 4 | R | eP | 05 45.2 | c | |
| | SH | iP | 38.3 | c | |
| | | i | 58.3 | d | |
| | | ipPNEZ | 06 25.8 | d | |
| | | iNEZ | 29.7 | c | |
| Aug. 5 | M | eP | 12 04 51.3 | d | |
| | | e | 05 14.8 | | |
| | R | iP | 04 57.4 | c | |
| | SH | SH | 49.4 | c | |
| Aug. 5 | SH | eP | 16 00 07 | d | |
| Aug. 6 | M | iP | 06 28 01.0 | c | USCGS: $57\frac{1}{2}^{\circ}$ N, $156\frac{1}{2}^{\circ}$ E, $0 = 06 18 32$ |
| | | i | 15.5 | c | Near South Coast of Kamchatka. |
| | R | e | 26.9 | c | |
| | SH | eP | 06.6 | d | |
| | | e | 27.5.2 | c | |
| | | e | 32.9 | | |
| Aug. 6 | MH | eP | 09 10 30.4 | d | USCGS: $52\frac{1}{2}^{\circ}$ N, $159\frac{1}{2}^{\circ}$ E, $0 = 09 00 49$ |
| | | i | 44.3 | c | Off East Coast of Kamchatka. |
| | M | eP | 10.6 | d | |
| | | i | 17.4 | c | |
| | | i | 39.4 | c | |
| | R | eP | 11 03.3 | d | |
| | SH | eP | 10 22.5 | d | |
| | | e | 05.2 | c | |
| | | e | 32.7 | | |
| | | e | 11 27.4 | | |
| Aug. 6 | M | eP | 19 08 49.7 | d | USCGS: 45° N, 86° E, $0 = 18 55 42$ |
| | | e | 57.0 | d | Sinkiang Province. |
| | SH | eP | 47.7 | c | |
| | | e | 54.8 | | |
| Aug. 6 | MH | eP | 20 52 22.2 | d | USCGS: Off Southeast Coast of Kamchatka |
| | | e | 30.6 | d | $h = 60$, $0 = 20 42 49$. |
| | F | eP | 40.4 | c | |
| | M | eP | 14.1 | c | |
| | | e | 25.3 | | |
| | SH | eP | 03.8 | | |
| | | e | 10 | c | |
| Aug. 7 | MH | eP | 06 29 21.6 | d | USCGS: 54° N, $163\frac{1}{2}^{\circ}$ W, $0 = 06 22 43$ |
| | | e | 37.8 | d | Off Coast of Unimak Island. |
| | | e | 46.3 | c | |
| | M | eP | 08.0 | c | |
| | | e | 18.7 | d | |
| | SH | eP | 28 58.3 | d | |
| | | e | 29 12.8 | d | |
| Aug. 7 | M | eP | 10 14 34.3 | c | |
| Aug. 8 | M | e(P) | 09 44 09.5 | d | USCGS: Off South Coast of Peru |
| Aug. 8 | MH | eP | 11 51 13.0 | d | $0 = 09 32 40$ |
| | | e | 28.2 | c | |
| | M | eP | 16.2 | d | |
| | | e | 47.1 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 8 | SH | eP | 15 | d | |
| | | e | 37.6 | d | |
| Aug. 8 | M | e | 13 24 38.6 | c | |
| | | e | 52.4 | | |
| Aug. 8 | MH | eP | 16 38 37.4 | d | |
| | | e | 39 06.4 | c | |
| | | e | 38 47.3 | c | |
| Aug. 8 | M | eP | 18 48 50.4 | c | USCGS: 52½°N, 159½°E, O = 18 39 30 Off East Coast of Kamchatka. |
| | | i | 49 00.9 | d | |
| | | i | 07.2 | c | |
| | R | eP | 03.4 | d | |
| | SH | eP | 48 46.7 | c | |
| | | e | 57 | | |
| Aug. 9 | F | e(P) | 00 34 36.9 | c | USCGS: Fiji Islands Region. |
| | M | e(P) | 38.5 | d | O = 00 22 05. |
| | | e | 35 14.1 | d | |
| | SH | eP | 34 37.9 | | |
| | | e | 55.1 | | |
| Aug. 9 | C | ePN | 03 43 30 | | |
| Aug. 9 | B | eP | 06 05 15.0 | | USCGS: 22°S, 68½°W, h = 150 O = 05 53 24. Northern Chile Felt: Calama Pas: Magnitude 6-1/4. |
| | | epP | 45.0 | | |
| | | e | 58.5 | | |
| | MH | eP | 11.3 | d | |
| | | e | 21.4 | d | |
| | | ipP | 42.8 | c | |
| | | i | 55.3 | c | |
| | F | i | 05 02.5 | c | |
| | | e | 46.3 | d | |
| | M | eP | 20.5 | d | |
| | | i | 30.5 | d | |
| | | epP | 50.9 | c | |
| | | i | 06 05.9 | d | |
| | | i | 29.0 | c | |
| | R | e | 05 03.7 | d | |
| | SH | ip | 23.7 | d | |
| | | epP | 54.2 | c | |
| | | i | 06 08 | d | |
| Aug. 9 | BG | ePP | 07 58 40 | | USCGS: 38½°N, 21°E, O = 07 41 05 Near West Coast of Greece. |
| | | eE | 50 | | |
| | | e(PKS)E | 08 00 41 | | |
| | | eSKSNE | 05 20 | | |
| | | eE | 06 09 | | |
| | | eN | 07 20 | | |
| | | eSSNE | 12 35 | | |
| | | eE | 17 37 | | |
| | MH | eP | 07 54 42.7 | d | |
| | F | e | 44.1 | c | |
| | M | e | 29.1 | c | |
| | R | i | 36.9 | c | |
| | SH | eP | 30.8 | d | |
| | | e | 31 | | |
| | | e | 37.8 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 9 | M | eP | 15 18 49.2 | c | USCGS: Sinkiang Province, China O = 15 05 29. |
| Aug. 9 | B | eP | 16 23 38.8 | c | USCGS: 24°N, 141½°E, h = 100 O = 16 11 35. Bonin Islands. |
| | MH | ip | 55.5 | | |
| | | ipP | 42.7 | c | |
| | F | ip | 24 01.5 | c | |
| | | ip | 23 50.3 | c | |
| | M | ip | 35.7 | c | |
| | | ipP | 54.9 | d | |
| | R | i | 24 04.0 | d | |
| | SH | ip | 23 44.8 | c | |
| | | i | 32.2 | c | |
| | | e | 47.7 | | |
| Aug. 9 | MH | ip | 22 01 29.4 | d | Pas: 37°30'N, 114°20'W, O = 22 00 00 Lincoln County, Nevada Magnitude 4.5. |
| | | i(S) | 02 39.1 | | |
| | | ee | 03 05.3 | | |
| | F | ePNZ | 01 20.2 | c | |
| | | iNE | 02 19.7 | | |
| | M | ip | 01 36.9 | c | |
| | | i(S) | 02 53.6 | | |
| | R | i | 03 21.4 | | |
| | SH | inZ | 01 31.7 | | |
| | | e | 02 14 | | |
| | | e | 03 55 | | |
| Aug. 10 | F | e | 01 24 57.0 | c | |
| | M | e | 25 03.0 | c | |
| | | i | 13.9 | c | |
| | R | e | 06.7 | c | |
| | SH | e(P) | 01.4 | | |
| | | i | 11.9 | | |
| Aug. 10 | M | ep | 07 17 36.1 | c | |
| | | i | 50.6 | c | |
| | | e | 18 01.3 | c | |
| | | e | 49.5 | c | |
| Aug. 10 | MH | ip | 10 51 30.9 | d | USCGS: Solomon Islands Region O = 10 38 48. |
| | | e | 55.6 | d | |
| | | e | 52 01.4 | d | |
| | F | ip | 51 36.4 | | |
| | M | ep | 33.0 | d | |
| | | e | 52 07.6 | d | |
| | | e | 23.8 | d | |
| | R | ip | 51 39.6 | d | |
| | SH | eP | 31.2 | d | |
| Aug. 10 | MH | eP | 12 09 24.2 | c | USCGS: 6°N, 82½°W, O = 12 00 50 Off South Coast of Panama |
| | | e | 32.8 | d | |
| | | e | 34.0 | d | |
| Aug. 11 | M | e | 03 45 58.5 | | USCGS: 38½°N, 21°E, O = 03 32 24 Near West Coast of Greece Pas: Magnitude 6-3/4. |
| | B | ep | 49 57.5 | | |
| | BG | e(PP)NZ | 56 40 | | |
| | | e | 57 25 | | |
| | | eSKSNEZ | 58 45 | | |
| | | e(S)NE | | | |
| | | ePSNE | | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|----------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 11 | | eE | 04 08 56 | | |
| | | | A T | | |
| | MH | MAXH | 32 20 | | |
| | | eP | 03 45 59.3 | d | |
| | | i | 46 05.7 | d | |
| | | e | 48 45.7 | d | |
| | | ePP | 49 49.9 | c | |
| | | ePKKP | 04 02 37.3 | c | |
| | | e | 03 10.7 | c | |
| | F | iP | 03 45 56.7 | c | |
| | | e(PP)NEZ | 49 54.6 | c | |
| | M | eP | 45 45.2 | c | |
| | | i | 51.5 | d | |
| | | i | 46 05.7 | c | |
| | | ePP | 49 33.8 | d | |
| | | e(PPP) | 51 29.2 | c | |
| | | ePKKP | 04 02 50.5 | c | |
| | R | iP | 03 45 46.2 | c | |
| | | ePP | 49 33.5 | c | |
| | C | eN | 45 42 | | |
| | | eSKSN | 56 10 | | |
| | SH | eP | 45 44 | c | |
| | | e | 46 09 | | |
| | | e | 28.6 | | |
| | | e | 49 20.6 | | |
| | | e | 50 19.4 | d | |
| | | e | 51 40.4 | d | |
| | | eSKSNE | 56 05 | | |
| | | e | 57.3 | | |
| | | ePKKP | 04 02 47 | | |
| Aug. 11 | C | eN | 04 22 10 | | |
| Aug. 11 | M | e | 04 45 51.1 | c | |
| Aug. 11 | MH | eP | 12 17 02.0 | d | USCGS: Andreanof Islands, Aleutian Islands, O = 12 09 10. |
| | M | eP | 16 47.7 | d | |
| | | e | 17 13.9 | c | |
| | | ePcP | 18 57.8 | | |
| | R | eP | 17 00.0 | c | |
| | SH | ePNE | 16 42.3 | | |
| | | e | 52.1 | d | |
| | | e | 17 36 | | |
| Aug. 11 | SH | e(PP)E | 12 59 56.8 | | USCGS: $38\frac{1}{2}^{\circ}$ N, 21° E, O = 12 43 24 |
| | | eEZ | 59.3 | d | Greece. |
| | | i | 13 00 03 | c | |
| Aug. 11 | MH | eP | 13 24 40.4 | d | USCGS: Greece, O = 13 11 06. |
| | M | eP | 27.6 | d | |
| | R | eP | 27.5 | c | |
| Aug. 11 | MH | eP | 20 17 01.2 | c | |
| | SH | iP | 09.2 | d | |
| | | e | 43.5 | | |
| Aug. 11 | MH | e | 20 35 11.2 | d | USCGS: $38\frac{1}{2}^{\circ}$ N, 21° E, O = 06 08 03 |
| Aug. 12 | MH | eP | 06 21 36.1 | d | Greece. |
| | | e | 22 07.5 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 12 | M | eP | 23.5 | c | |
| | | e | 43.8 | c | |
| Aug. 12 | MH | eP | 06 51 11.0 | d | USCGS: Fiji Islands Region, h = 600 |
| | | epP | 53 10.9 | d | O = 06 40 19. |
| | | e | 15.0 | d | |
| | M | eP | 51 19.7 | d | |
| | | e | 31.3 | d | |
| | SH | epP | 53 20.9 | d | |
| | | epPNZ | 19 | d | |
| | | en | 41 | | |
| | | e | 43 | | |
| Aug. 12 | B | eP | 09 37 27.5 | | USCGS: $38\frac{1}{2}^{\circ}$ N, 21° E, O = 09 23 55 |
| | BG | e | 38 13 | | Near West Coast of Greece. |
| | B | e | 40 32.0 | | Heavy casualties and extensive |
| | BG | e | 41 01 | | property damage. |
| | | ePPNEZ | 24 | | Pas: Magnitude 7-1/4. |
| | | eE | 44 48 | | |
| | | enZ | 58 | | |
| | | eSKSNE | 48 04 | | |
| | | A T | | | |
| | | PZ | $\frac{1}{2}$ 4 | | |
| | | SKSH | $6\frac{1}{2}$ 8 | | |
| | MH | MAXH | 160 20 | | |
| | | eP | 09 37 28.6 | d | |
| | | i | 34.4 | d | |
| | | i | 47.3 | c | |
| | | i | 38 06.1 | c | |
| | | i | 40 30.3 | d | |
| | | ePP | 41 25.2 | c | |
| | | e | 50 15.1 | | |
| | | ePKKP | 54 06.0 | d | |
| | | e | 06.9 | c | |
| | F | IP | 37 28.2 | c | |
| | | eskse | 48 02 | | |
| | M | eP | 37 14.9 | c | |
| | | i | 35.1 | c | |
| | | i | 40 17.5 | d | |
| | | esk | 47 54.1 | | |
| | | ePKKP | 54 14.6 | | |
| | A | eSKSN | 09 48 36.6 | | |
| | | en | 10 21.4 | | |
| | R | IP | 09 37 16.7 | | |
| | C | ePN | 36 57 | | |
| | | eN | 40 35 | | |
| | | eskSN | 47 37 | | |
| | | eIE | 10 05 09 | | |
| | SH | ePNZ | 09 37 15 | c | |
| | | e | 40 | | |
| | | eeZ | 38 44 | | |
| | | e | 40 29 | | |
| | | e | 41 35 | | |
| | | eSKSN | 47 47 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Aug. 12 | | eNE | 48 35 | | |
| | | e | 54 13 | | |
| Aug. 12 | M | e | 10 21 04.2 | d | |
| Aug. 12 | MH | eP | 11 47 20.9 | d | USCGS: 38 $\frac{1}{2}$ N, 21°E, 0 = 11 33 46 |
| | | e | 38.3 | c | Greece. |
| | M | eP | 07.2 | c | |
| | | i | 25.6 | c | |
| | R | eP | 08.8 | d | |
| Aug. 12 | B | eP | 12 18 57.5 | | USCGS: 38°N, 21°E, 0 = 12 05 22 |
| | MH | iP | 59.0 | c | Off West Coast of Greece |
| | | e | 19 11.3 | c | Pas: Magnitude 6. |
| | | e | 21 28.3 | c | |
| | | e | 22 17.8 | d | |
| | F | e | 31 40 | | |
| | M | iP | 18 56.6 | c | |
| | | eP | 45.5 | c | |
| | | i | 19 01.7 | c | |
| | | i | 21 15.6 | d | |
| | R | e | 57.8 | c | |
| | SH | iP | 18 46.2 | c | |
| | | ePNZ | 44.4 | c | |
| | | eN | 19 49.6 | | |
| | | eN | 29.8 | | |
| Aug. 12 | MH | e | 12 35 34.1 | d | |
| | | e | 36 04.7 | d | |
| Aug. 12 | MH | e | 13 14 15.9 | c | |
| | | e | 39.4 | c | |
| | SH | eP | 15 00 | d | |
| Aug. 12 | MH | eP | 13 52 56.0 | c | USCGS: 38 $\frac{1}{2}$ N, 21°E, 0 = 13 39 23 |
| | | e | 53 05.1 | c | Greece. |
| | M | eP | 52 45.4 | c | |
| | | e | 54.8 | d | |
| | R | eP | 46.2 | d | |
| | SH | eP | 44 | c | |
| Aug. 12 | B | eP | 14 22 15 | | USCGS: 38°N, 21°E, 0 = 14 08 38 |
| | MH | eP | 15.1 | c | Off West Coast of Greece. |
| | | e | 23 01.7 | d | |
| | | ePP | 26 10.6 | d | |
| | F | eP | 22 14.7 | c | |
| | M | eP | 02.5 | d | |
| | | e | 25.5 | c | |
| | R | eP | 03.6 | c | |
| | SH | eP | 02.7 | d | |
| | | eEZ | 21.5 | | |
| | | eE | 23 39.5 | | |
| Aug. 12 | MH | eP | 16 22 07.8 | c | USCGS: Greece, 0 = 16 08 32. |
| | F | eP | 07.2 | c | |
| | R | e | 21 55.8 | d | |
| | SH | eP | 52.5 | c | |
| Aug. 12 | B | eP | 17 05 39.0 | c | USCGS: 22°S, 175°W, 0 = 16 53 42 |
| | BG | eSN | 15 24 | | Tonga Islands. |
| | | eQNE | 25.4 | | Magnitude 6 $\frac{1}{2}$ - 6-3/4. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|--------------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Aug. 13 | | eRNEZ | 30.5 | | |
| | | PZ | 1 $\frac{1}{2}$ 6 | | |
| | | SH | 6 $\frac{1}{2}$ 10 | | |
| | | MAXH | 60 20 | | |
| | MH | eP | 17 05 39.5 | c | |
| | | i | 52.4 | | |
| | | i | 06 03.4 | d | |
| | | e | 32 55 | | |
| | | e | 34.8 | | |
| | F | eP | 05 43.6 | d | |
| | | eSN | 15 40.8 | | |
| | M | eP | 05 50.8 | d | |
| | | i | 06 03.5 | c | |
| | | eL | 40.0 | | |
| | R | ePEZ | 05 53.6 | c | |
| | SH | eP | 48.3 | c | |
| | | iNEZ | 06 02.3 | c | |
| | | eE | 07 18 | | |
| Aug. 12 | M | e | 18 18 00.2 | d | |
| Aug. 12 | MH | e | 20 38 46.1 | c | |
| | M | e | 46.0 | c | |
| | SH | eP | 34.7 | d | |
| | | e | 59.5 | d | |
| Aug. 12 | MH | e | 20 47 32.7 | c | |
| | | e | 45.5 | c | |
| | SH | eP | 12.8 | c | |
| | | e | 27.3 | | |
| Aug. 13 | B | eP | 01 37 38.5 | | |
| | MH | eP | 36.0 | c | |
| | | i | 43.3 | d | |
| | | e | 38 06.7 | c | |
| | F | eP | 37 28.8 | c | |
| | M | eP | 48.0 | d | |
| | | e | 56.1 | d | |
| | R | eP | 43.2 | d | |
| | SH | eP | 52.0 | c | |
| Aug. 13 | MH | eP | 03 35 40.8 | c | USCGS: 38 $\frac{1}{2}$ N, 21°E, 0 = 03 22 06 |
| | | e | 58.6 | c | Greece. |
| | M | eP | 30.0 | d | |
| | R | eP | 30.0 | c | |
| | SH | eP | 28.6 | | |
| Aug. 13 | MH | e | 04 27 10.0 | d | |
| | | e | 23.6 | c | |
| | M | e | 04.1 | c | |
| | | e | 22.1 | c | |
| | SH | e(P) | 01.1 | c | |
| Aug. 13 | BG | eNE | 06 17 09 | | |
| | | iN | 18 16 | | |
| | | eEZ | 19 | | |
| | MH | eP | 09 05.8 | c | USCGS: 53°N, 167°W, 0 = 06 02 12 |
| | | e | 23.7 | c | Fox Islands, Aleutian Islands. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 13 | M | e | 37.3 | c | |
| | | eP | 08 48.6 | d | |
| | | e | 59.7 | d | |
| | | ePcP | 11 31.5 | d | |
| | R | e | 09 13.8 | d | |
| | SH | eP | 08 43.0 | d | |
| | | i | 09 10.6 | c | |
| Aug. 13 | MH | eP | 07 48 29.6 | d | |
| | M | eP | 38.5 | c | |
| Aug. 13 | B | eP | 09 35 55.0 | c | USCGS: $21\frac{1}{2}^{\circ}$ S, 170° E, h = 150 O = 09 23 23 |
| | | i | 36 02.0 | c | Loyalty Islands. |
| | BG | e | 18.5 | | |
| | | e | 38 41 | | |
| | | e | 39 25 | | |
| | | eSNE | 46 17 | | |
| | | e | 47 24 | | |
| | | eNE | 51.4 | | |
| | | eNE | 58.9 | | |
| | | A T | | | |
| | MH | MAXH | 17 20 | | |
| | | eP | 09 35 56.7 | c | |
| | | i | 36 03.6 | d | |
| | | i | 35.5 | d | |
| | | i | 37 38.8 | c | |
| | F | e | 39 50.7 | d | |
| | | iP | 36 01.0 | c | |
| | | i | 07.8 | d | |
| | M | eP | 03.2 | c | |
| | | i | 09.9 | d | |
| | | i | 38.8 | d | |
| | | e | 39 36.1 | c | |
| | R | eP | 36 08.1 | | |
| | | i | 13.8 | c | |
| | | eN | 46 56.3 | | |
| | SH | eP | 36 02.2 | c | |
| | | iEZ | 18.7 | | |
| | | i | 23.7 | | |
| | | i | 40.7 | | |
| | | e | 38 00.7 | | |
| | | eE | 43.2 | | |
| | | e | 39 35.0 | c | |
| | | eSE | 46 22.2 | | |
| | | eN | 46.6 | | |
| Aug. 13 | MH | e | 09 53 52.8 | c | |
| | | e | 54 32.0 | | |
| | M | e | 53 48.5 | c | |
| | | e | 56.9 | c | |
| Aug. 13 | MH | e | 10 14 46.8 | c | |
| | | i | 15 15.3 | c | |
| | | e | 17 06.3 | c | |
| | F | iP | 14 32.3 | d | |
| | M | eP | 59.0 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 13 | | i | 15 07.5 | c | |
| | | i | 17.5 | c | |
| | R | ePNZ | 14 47.2 | c | |
| | SH | iP | 15 04.1 | | |
| | | e | 16 05.2 | | |
| | | e | 17 12.7 | | |
| Aug. 13 | MH | e | 10 30 25.0 | c | USCGS: $38\frac{1}{2}^{\circ}$ N, 21° E, O = 10 16 50 |
| | M | e | 10.2 | c | Greece. |
| | | e | 24.9 | d | |
| Aug. 13 | MH | eP | 21 02 17.3 | d | |
| | SH | iP | 00.1 | d | |
| Aug. 13 | MH | e | 21 58 15.3 | c | |
| Aug. 13 | MH | e | 22 19 14.5 | d | |
| Aug. 14 | MH | e | 04 17 50.8 | d | |
| | M | i | 46.1 | c | |
| | SH | eP | 43.6 | c | |
| | | e | 18 22.8 | d | |
| Aug. 14 | MH | e | 07 22 31.8 | d | |
| | | e | 43.9 | d | |
| Aug. 14 | MH | eP | 21 58 33.1 | d | |
| Aug. 15 | MH | e | 05 13 35.4 | c | |
| | | i | 14 07.7 | c | |
| | | i | 21.3 | c | |
| Aug. 15 | MH | iP | 05 57 55.3 | d | |
| | | e | 58 40.5 | c | |
| | M | e | 57 56.0 | d | |
| Aug. 15 | M | eP | 13 04 35.5 | c | |
| | | e | 06 34.5 | c | |
| Aug. 16 | B | iP | 03 20 08.4 | d | USCGS: 7° S, 74° W, h = 150 |
| | | ipP | 42.5 | d | O = 03 09 50 |
| | MH | iP | 04.1 | d | Central Peru - Brazil Border. |
| | | i | 16.4 | c | |
| | | ipP | 38.1 | c | |
| | | e | 21 56.7 | d | |
| | F | iP | 19 51.5 | d | |
| | M | iP | 20 14.0 | d | |
| | | i | 22 38.2 | | |
| | R | INEZ | 20 34.3 | | |
| | SH | IPNEZ | 17.7 | | |
| | | ipP | 48.0 | | |
| Aug. 16 | M | eP | 04 16 23.4 | d | |
| | | e | 31.9 | c | |
| | C | ePN | 15 08 | | |
| | SH | eP | 16 30.2 | | |
| | | e | 17 29.0 | | |
| Aug. 16 | MH | iP | 06 16 09.4 | c | |
| | | i | 25.5 | d | |
| | M | eP | 15 38.9 | d | |
| | | e | 54.1 | c | |
| | | e | 16 40.4 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Aug. 17 | MH | i | 02 32 09.5 | d | USCGS: $38\frac{1}{2}^{\circ}$ N, 21° E, $O = 02 12 22$ |
| | SH | e | 33 26.0 | | Greece. |
| | | e | 34 34 | | |
| | | eP' | 03 33 58.0 | d | USCGS: $7\frac{1}{2}^{\circ}$ S, 115° E, $O = 03 14 33$ |
| | MH | e | 34 41.2 | c | Java Sea. |
| | | e | 56.4 | c | |
| | M | e | 31.5 | c | |
| | | e | 48.9 | d | |
| Aug. 17 | MH | eP | 18 26 30.0 | c | |
| | | i | 40.5 | d | |
| | M | eP | 16.5 | d | |
| | | e | 26.6 | d | |
| | R | eP | 28.2 | | |
| | SH | ipNEZ | 12.1 | d | |
| | | i | 42.1 | d | |
| Aug. 17 | BG | eE | 22 08 31 | | USCGS: $76\frac{1}{2}^{\circ}$ N, 92° W, $O = 21 47 22$ |
| | | eNE | 09.9 | | Devon Island, Canada. |
| | M | e | 21 53 51.3 | d | |
| | | e | 54 47.8 | | |
| Aug. 19 | M | e | 07 05 02.1 | d | |
| Aug. 19 | M | eP | 08 30 52.9 | d | USCGS: $14\frac{1}{2}^{\circ}$ N, $59\frac{1}{2}^{\circ}$ W, $h = 100$ |
| | | e | 31 34.0 | d | $O = 08 21 00$. Windward Islands |
| Aug. 19 | M | e | 08 46 08.3 | c | |
| Aug. 19 | M | e | 08 53 51.8 | c | |
| | | e | 54 03.5 | d | |
| | | e | 10.3 | d | |
| Aug. 19 | M | eP | 10 23 08.2 | c | |
| | | e | 18.5 | c | |
| | | e | 31.1 | c | |
| Aug. 20 | MH | eP | 01 30 38.2 | d | |
| Aug. 21 | MH | eP | 13 40 36.4 | c | USCGS: 18° N, 67° W, $O = 13 31 30$ |
| | | i | 47.1 | d | Near West Coast of Puerto Rico. |
| | | i | 59.1 | d | |
| | M | eP | 40.2 | c | |
| | | i | 52.0 | d | |
| | SH | e | 42 18.0 | | |
| | | eP | 40 42.1 | | |
| | | e | 51.6 | | |
| | | e | 41 08.4 | | |
| Aug. 21 | MH | eP | 16 55 04.6 | c | USCGS: 4° N, $76\frac{1}{2}^{\circ}$ W, $h = 150$ |
| | | epP | 32.0 | c | $O = 16 45 57$. Western Columbia |
| | | i | 35.2 | c | Felt. |
| | | i(PcP) | 56 09.3 | d | |
| | F | eP | 54 51 | c | |
| | | epP | 55 18 | c | |
| | M | eP | 16 55 13 | c | |
| | | epP | 41.6 | d | |
| | | e | 53.2 | c | |
| | R | iP | 04.0 | d | |
| | | ipP | 31.7 | d | |
| | SH | iP | 17.0 | c | |
| | | epP | 44.0 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Aug. 21 | M | eP | 19 12 20.6 | c | |
| | | e | 39.8 | c | |
| Aug. 22 | M | eP | 00 34 32.2 | d | USCGS: 6° S, 147° E, $O = 00 21 06$ |
| | | e | 55.9 | c | Near East Coast of New Guinea. |
| | | e | 35 01.8 | d | |
| | SH | eP | 34 30.0 | d | |
| | | e | 54.2 | d | |
| | | eN | 35 20 | | |
| | | e | 38.2 | | |
| Aug. 22 | M | eP | 01 20 54.5 | c | USCGS: 36° N, $3\frac{1}{2}^{\circ}$ E, $O = 01 08 00$ |
| | | e | 21 11.3 | d | Northern Algeria. Felt: Aumale. |
| Aug. 22 | C | eP | 04 05 46 | | |
| | | e | 55 | | |
| Aug. 22 | MH | e | 05 53 13.0 | c | |
| | | e | 34.4 | c | |
| | M | e | 26.5 | c | |
| | | e | 40.3 | d | |
| | SH | e | 50.7 | c | |
| | | e | 23 | c | |
| | | e | 55 46 | | |
| Aug. 23 | M | e | 01 33 09.3 | c | |
| | | e | 28.1 | d | |
| Aug. 23 | BG | e(PS)E | 07 46 04 | | USCGS: 1° S, 14° W, $O = 07 18 06$. |
| | | e(SS)NE | 51.6 | | Mid-Atlantic Ocean |
| | | eN | 08 04.4 | | |
| Aug. 23 | M | eP | 11 00 21.5 | c | |
| Aug. 24 | MH | eP | 03 55 37.5 | c | |
| | | e | 56 03.5 | c | |
| Aug. 24 | MH | iP | 04 47 11.3 | c | USCGS: 5° N, 72° W, $O = 04 37 36$ |
| | | i | 13.5 | c | Central Columbia. |
| | M | eP | 17.1 | c | |
| | | e | 34.2 | d | |
| | R | e | 24.5 | | |
| | SH | eP | 21.7 | | |
| | | e | 34.7 | | |
| Aug. 24 | B | iP | 13 27 57.5 | d | USCGS: $14\frac{1}{2}^{\circ}$ N, 91° W, $h = 100$ |
| | | e | 28 10.0 | | $O = 13 21 00$. Guatemala |
| | BG | iPcP | 30 22.1 | d | Pas: Magnitude $6\frac{1}{2}$. |
| | | eSNEZ | 33 38 | | |
| | | eScSN | 38 04 | | |
| | | iNE | 47.0 | | |
| | | A T | | | |
| | MH | MAXH | 16 20 | | |
| | | iP | 13 27 51.2 | d | |
| | | i | 28 03.3 | d | |
| | | ePcP | 30 19.4 | d | |
| | F | iP | 27 36.9 | d | |
| | | ePcP | 30 14.8 | d | |
| | M | iP | 28 04.8 | d | |
| | | i | 12.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|---------|------------|---------------|------------------------------------|
| 1953 | | | h. m. s. | | |
| Aug. 24 | | i | 19.9 | c | |
| | | iPcP | 30 24.6 | c | |
| | | eS | 34 10.8 | | |
| | A | e(ScS) | 38 16.8 | | |
| | R | e(P)N | 28 21.3 | | |
| | | iP | 27 52.8 | d | |
| | | i | 28 08.0 | d | |
| | C | eE | 33 31.9 | | |
| | | eP | 28 36 | | |
| | | eS | 34 37 | | |
| | SH | ePNZ | 28 09 | d | |
| | | e | 22.3 | d | |
| | | iPcPEZ | 30 25.7 | c | |
| | | e | 42.5 | | |
| | | e | 34 09.6 | | |
| | | eN | 38 08.5 | | |
| | | e(ScS)E | 20.5 | | |
| | | eNE | 51 | | |
| | BG | e(P) | 15 12 26 | | |
| | | eP | 02 16 56 | c | USCGS: 5°S, 152°E, 0 = 02 04 13 |
| | | e | 17 15 | c | New Britain. |
| | | eSKSN | 27 40 | | Pas: Magnitude 6½ - 6-3/4. |
| | | eSNEZ | 28 01 | | |
| | | e(PS)NE | 29 14 | | |
| | | eSSNE | 34.0 | | |
| | | eN | 40.1 | | |
| | | eHEZ | 45.2 | | |
| | | A T | | | |
| | MH | MAXH | 57 20 | | |
| | | e | 02 17 23.6 | c | |
| | | e | 33.0 | c | |
| | M | e | 18 00.0 | c | |
| | | e | 17 13.0 | c | |
| | R | e | 47.5 | | |
| | SH | e | 17 25.8 | | |
| | | i | 14.9 | | |
| | | eE | 21.4 | d | |
| | | e | 49.1 | | |
| | M | e | 11 45 48.1 | c | |
| | | e | 46 04.3 | d | |
| Aug. 25 | MH | iP | 11 49 15.7 | d | USCGS: Andreanof Islands, Aleutian |
| | | i | 18.8 | d | Islands. 0 = 11 41 30. |
| | M | eP | 22.0 | c | |
| | | i | 13.3 | d | |
| | | i | 23.4 | c | |
| | R | iPcP | 51 08.2 | d | |
| | SH | eP | 49 14.4 | | |
| | | eP | 48 55.2 | c | |
| | | ePcP | 51 05.9 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---------|
| 1953 | | | h. m. s. | | |
| Aug. 25 | M | e | 13 16 58.7 | c | |
| | | e | 17 10.5 | c | |
| | MH | eP | 14 04 18.5 | d | |
| | | e | 35.0 | c | |
| | | e | 43.4 | d | |
| | M | e(P) | 13.8 | c | |
| | SH | e(P) | 04.4 | | |
| | | e | 11.5 | | |
| | MH | eP | 11 07 39.0 | c | |
| | M | eP | 08 14.8 | c | |
| | | i | 21.5 | d | |
| | B | eP | 19 15 58.0 | d | |
| | | e | 16 27.5 | c | |
| | MH | eP | 15 54.6 | d | |
| | | i | 59.7 | d | |
| | F | eP | 17 05.0 | d | |
| | M | eP | 15 47.3 | c | |
| | | e | 16 09.1 | c | |
| | | e | 16.0 | c | |
| | R | e(P) | 46.0 | c | |
| | SH | e(P) | 03.9 | | |
| | | e | 08.9 | | |
| | MH | eP | 12 38 38.0 | d | |
| | M | eP | 48.5 | c | |
| | MH | e | 12 44 46.2 | d | |
| | M | e | 55.4 | d | |
| | MH | e | 13 35 19.2 | d | |
| | M | e | 41.6 | | |
| | R | e | 58.8 | | |
| | | e | 25.0 | | |
| | MH | i | 21 05 12.6 | c | |
| | | e | 48.1 | d | |
| | M | e | 06.9 | d | |
| | R | e | 55.0 | d | |
| | SH | e | 30.6 | | |
| | | e | 04.7 | | |
| | MH | eP | 22 27 29.2 | d | |
| | | e | 56.3 | d | |
| | F | eP | 28 09.0 | c | |
| | M | iP | 27 38.5 | | |
| | | i | 17.1 | c | |
| | R | eP | 28 24.0 | d | |
| | | e | 27 28.6 | | |
| | | e | 35 19.9 | | |
| | SH | eP | 27 14.0 | d | |
| | MH | e | 23 51 09.6 | d | |
| | | e | 21.7 | d | |
| | M | i | 14.9 | c | |
| Aug. 28 | C | eP | 00 35 22 | | |
| Aug. 28 | MH | e | 00 58 46.1 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|-------|------------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 2 | F | e | 18.8 | | |
| | M | e | 37.6 | d | |
| | e | 48.5 | c | | |
| | R | e | 36.2 | | |
| | SH | eP | 40.5 | d | |
| | e | 41 07.5 | | | |
| Sept. 2 | MH | eP | 18 36 25.0 | d | |
| | e | 46.4 | c | | |
| | F | eP | 30.4 | c | |
| | M | eP | 34.5 | d | |
| | R | eP | 40.1 | c | |
| | SH | iP | 34.0 | d | |
| Sept. 3 | MH | eP | 01 13 30.6 | d | |
| | M | e | 21.1 | c | |
| | i | 40.0 | d | | |
| | SH | iP | 17.1 | c | |
| | e | 34.6 | c | | |
| Sept. 3 | BG | e | 17 56 17 | | |
| | MH | e | 53 49.9 | c | |
| | e | 54 11.3 | c | | |
| | F | e | 05.1 | | |
| | M | eP | 53 13.9 | c | |
| | e | 32.3 | d | | |
| | R | e | 34.6 | | |
| | e | 45.7 | | | |
| | SH | eP | 05.6 | | |
| | e | 20.8 | | | |
| Sept. 4 | MH | e | 06 28 33.4 | d | |
| | e | 29 04.1 | d | | |
| | M | i | 28 43.6 | c | |
| Sept. 4 | B | eP | 07 32 47.6 | c | USCGS: 50°N, 156 $\frac{1}{2}$ E, h = 60 O = 07 23 05. Kurile Islands Pas: Magnitude 6-3/4 - 7. |
| | epP | 33 02.6 | c | | |
| | BG | eSN | 40 35 | | |
| | eE | 44 30 | | | |
| | e | 39 | | | |
| | eNE | 47.1 | | | |
| | eEZ | 49.4 | | | |
| | MH | eP | 32 53.2 | c | |
| | ipP | 33 08.9 | c | | |
| | iPcP | 56.5 | c | | |
| | e | 35 29.9 | c | | |
| | eS | 40 49 | | | |
| | eP'P' | 08 02 44.7 | d | | |
| | ipNEZ | 07 33 03.7 | c | | |
| | epP | 19.4 | c | | |
| | eSE | 41 09 | | | |
| | M | iP | 32 39.8 | c | |
| | i | 53.4 | c | | |
| | i | 33 08.4 | d | | |
| | e | 35 04.8 | | | |
| | eS | 40 25.5 | | | |
| | eP'P' | 08 02 46.4 | c | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|-------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 4 | R | iP | 07 32 51.0 | c | |
| | | ipP | 33 06.6 | c | |
| | e | | 20.6 | | |
| | eSNE | | 40 46.4 | | |
| | Fe | e(P)NE | 32 30 | | |
| | eSE | | 40 03 | | |
| | C | ePN | 32 15 | | |
| | iS | | 39 33 | | |
| | eL | | 47.9 | | |
| | SH | ipNEZ | 32 34.7 | c | |
| | | ipPNEZ | 48.7 | c | |
| | iE | | 33 24.7 | | |
| | eN | | 33.7 | | |
| | e | | 34 24.7 | c | |
| | eS | | 39 43 | | |
| | eE | | 49.5 | | |
| Sept. 4 | MH | i(P) | 08 00 23.6 | c | May be part of last shock. |
| | F | e | 28.3 | | |
| | M | e(P) | 32.7 | c | |
| | e | | 45.4 | | |
| | SH | i(P) | 31.2 | d | |
| Sept. 4 | B | iP | 14 19 47.6 | c | USCGS: 32°S, 71°W, O = 14 07 13 Near Coast of Central Chile Several injured. Minor property damage. Pas: h = 50, Magnitude 6-3/4 - 7. |
| | i | | 20 08.9 | c | |
| | i | | 58.4 | d | |
| | BG | e | 23 04 | c | |
| | eSE | | 30 07 | | |
| | e | | 14 | d | |
| | e | | 35 59 | | |
| | e | | 48.0 | | |
| | MH | iP | 19 43.9 | c | |
| | i | | 20 18.7 | c | |
| | i | | 40.2 | | |
| | F | iP | 19 35.2 | c | |
| | M | eP | 54.0 | c | |
| | i | | 20 02.4 | d | |
| | i | | 31.1 | c | |
| | i | | 21 12.8 | d | |
| | R | e | 23 32.4 | | |
| | iP | | 19 47.9 | c | |
| | e | | 20 42.4 | | |
| | SH | ipNEZ | 19 56.6 | c | |
| | i(pP) | | 20 09.1 | d | |
| | e | | 25 38 | | |
| | e | | 27 42 | | |
| | eSE | | 30.2 | | |
| | e | | 37 15 | | |
| Sept. 5 | MH | eP | 12 21 35.2 | c | |
| Sept. 5 | MH | eP | 14 32 13.4 | c | USCGS: 38°N, 23°E, O = 14 18 41 Eastern Greece. Several casualties and moderate property damage. |
| | F | eP | 22.9 | | |
| | R | eP | 11.6 | | |
| | SH | eP | 09.2 | c | |
| | eE | | 33.7 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 5 | MH | e | 15 31 57.0 | c | |
| | | e | 32 12.5 | d | |
| Sept. 5 | B | iP | 19 07 51.9 | | |
| | BG | eSN | 15 36 | | USCGS: 51°N, 157°E, 0 = 18 58 09 Near South Coast of Kamchatka |
| | | eE | 40 | | Pas: Magnitude 6½. |
| | | eLN | 21 58 | | |
| | | eE | 24.0 | | |
| | MH | eP | 07 57.7 | c | |
| | | e | 08 11.8 | d | |
| | | i | 37.0 | c | |
| | F | iP | 08.1 | c | |
| | R | eP | 07 55.5 | c | |
| | | eS | 15 46 | | |
| | C | ePN | 07 21 | | |
| | | eS | 14 35 | | |
| | SH | iPEZ | 07 39.2 | c | |
| | | iEZ | 49.7 | c | |
| | | eEZ | 08 37.5 | | |
| | | e | 13 01.7 | | |
| | | eSE | 15 14.7 | | |
| Sept. 5 | MH | e | 21 20 04.3 | d | |
| | SH | iP | 19 53.9 | d | |
| Sept. 5 | MH | e | 22 25 33.0 | c | |
| Sept. 6 | MH | eP | 01 45 17.0 | c | |
| Sept. 6 | SH | e | 01 44 59.9 | | USCGS: 50½°N, 90°E, 0 = 01 32 24 Outer Mongolia |
| Sept. 6 | MH | e | 07 25 18.0 | d | |
| | | e | 34.2 | c | |
| Sept. 6 | MH | eP | 07 50 45.7 | c | |
| | | e | 51 24.6 | c | USCGS: 5½°S, 149°E, 0 = 07 37 24 New Britain Island Region. |
| | | ePP | 54 28.4 | | |
| | F | eP | 50 47.5 | | |
| | R | eP | 48.3 | | |
| | SH | eP | 38.8 | d | |
| | | ePP | 54 32.8 | | |
| Sept. 6 | MH | eP | 08 22 11.4 | d | |
| | | i | 16.0 | d | |
| | | e | 23 44.3 | c | |
| | F | eP | 22 23.7 | | |
| | R | eP | 06.6 | | |
| | SH | iP | 21 47.2 | d | |
| | | e | 22 40.0 | | |
| Sept. 6 | MH | e | 08 28 13.7 | | |
| | | e | 07.8 | | |
| | SH | e | 27 33.9 | d | |
| Sept. 7 | MH | eP | 01 42 19.2 | c | USCGS: Marianas Islands Region |
| | | e | 33.3 | d | 0 = 01 29 50. |
| | SH | eP | 11.2 | | |
| Sept. 7 | BG | e | 04 49 07 | | USCGS: 41°N, 33°E, 0 = 03 58 56 |
| | | e | 05 00.5 | | Northern Turkey. Felt. |
| | F | e | 04 12 40 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 7 | B | eP | 05 11 05.5 | | |
| | MH | eP | 12.4 | d | USCGS: Marianas Islands Region. 0 = 04 58 40. |
| | | e | 20.6 | c | |
| | | e | 12 17.1 | c | |
| | F | eP | 11 17.0 | c | |
| | R | eP | 15.1 | | |
| | SH | ePEZ | 01.7 | c | |
| Sept. 7 | SH | e | 10 30 55.1 | d | |
| Sept. 7 | MH | e | 20 05 21.8 | d | |
| | SH | i | 10.2 | c | |
| Sept. 7 | MH | e | 23 30 10.4 | c | |
| | | i | 14.3 | c | |
| | F | e | 24.3 | | |
| | C | ePNEZ | 28 57 | | |
| Sept. 8 | MH | e | 00 13 40.9 | c | |
| | C | ePNEZ | 12 03 | | |
| | SH | e(P) | 28.2 | | |
| | | e | 13 04.7 | | |
| Sept. 9 | MH | iP | 00 18 35.7 | c | USCGS: Marianas Islands 0 = 00 06 08. |
| | | e | 48.2 | c | |
| | F | eP | 45.5 | | |
| | M | eP | 34.2 | d | |
| | | e | 44.4 | c | |
| | R | eP | 19 38.4 | d | |
| | SH | eP | 18 40.5 | | |
| | | e | 29 | c | |
| | | e | 42 | | |
| | | e | 19 14 | | |
| Sept. 10 | BG | ePP | 04 24 20 | d | USCGS: 32°E, 35°N, 0 = 04 06 00 Near West Coast of Cyprus. |
| | | eN | 27 40 | | |
| | | eEZ | 32 00 | | Heavy casualties and extensive |
| | | eN | 33 43 | | property damage. |
| | | eE | 39 13 | | |
| | | eE | 55 16 | | |
| | MH | e | 20 16.9 | c | |
| | | e | 23 35.3 | c | |
| | | ePP | 24 24.7 | c | |
| | | e(PKKP) | 36 12.3 | c | |
| | F | e(P) | 20 06.8 | | |
| | M | e(P) | 19 54.8 | c | |
| | | e | 23 17.1 | c | |
| | | ePP | 24 01.1 | d | |
| | R | e(P) | 19 55.9 | | |
| | SH | e(P) | 53.3 | c | |
| | | e | 20 03.8 | d | |
| | | e | 23 48.8 | | |
| | | e(PP) | 24 10.3 | c | |
| Sept. 10 | M | e | 10 15 45.9 | d | |
| Sept. 10 | MH | eP | 17 15 24.6 | c | |
| | M | eP | 35.1 | d | |
| | | e | 16 04.9 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|---------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 10 | R | eP | 15 39.5 | | |
| | SH | eP | 32.7 | | |
| | | e | 52.8 | | |
| Sept. 10 | MH | e | 19 48 26.4 | c | |
| | | e | 37.2 | c | |
| Sept. 11 | SH | eEZ | 02 56 59.2 | | |
| Sept. 11 | MH | i | 03 33 32.5 | d | |
| | | e | 48.0 | c | |
| | M | eP | 41.5 | d | |
| | | i | 58.4 | d | |
| | SH | eP | 41.7 | | |
| | | e | 57.2 | c | |
| Sept. 11 | MH | iP | 18 04 47.1 | c | USCGS: South of Honshu, Japan O = 17 52 40. |
| | M | eP | 38.5 | c | |
| | | | 34.7 | c | |
| Sept. 12 | MH | ePEZ | 15 14 15.8 | c | USCGS: New Britain. O = 15 01 09. |
| | M | eP | 15 56.8 | | |
| | R | eP | 14 26.1 | | |
| | SH | eP | 16.9 | | |
| Sept. 13 | MH | i | 19 56 09.2 | d | |
| Sept. 13 | MH | eP | 21 20 38.3 | d | |
| | | e | 48.4 | c | |
| | F | eP | 43.8 | | |
| | M | eP | 44.3 | | |
| | R | eP | 49.3 | | |
| | SH | iP | 42.0 | d | |
| | | e | 21 00.9 | d | |
| | | | 28.0 | | |
| Sept. 14 | B | eP | 00 38 39.7 | | USCGS: 18 $\frac{1}{2}$ S, 178 $\frac{1}{2}$ E, h = 60 O = 00 26 36. Fiji Islands. |
| | BG | ESN | 48 31.7 | | Several killed and extensive property damage. |
| | MH | eP | 38 39.1 | c | |
| | | i | 42.4 | c | |
| | | i | 39 00.0 | c | |
| | | i | 12.1 | c | |
| | | e | 40 22.0 | c | |
| | F | ePP | 41 41.4 | c | |
| | | eP | 38 45.0 | | |
| | | i | 48.6 | c | |
| | | e | 44 19.7 | | |
| | | e(P'P') | 01 05 36.1 | | |
| | M | eP | 00 38 49.1 | d | |
| | | i | 39 06.6 | c | |
| | | i | 44.1 | c | |
| | R | eP | 38 54.6 | | |
| | | iEZ | 56.7 | | |
| | | eE | 49 15 | | |
| | | e(P'P') | 01 05 36.9 | | |
| | SH | ePEZ | 00 38 46.7 | d | |
| | | i | 50.1 | d | |
| | | eN | 49 15.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Sept. 14 | MH | eP | 09 07 41.8 | c | USCGS: 52°N, 161 $\frac{1}{2}$ E, O = 08 58 12. Off Southeast Coast of Kamchatka. |
| | M | i | 54.6 | c | |
| | | eP | 28.6 | c | |
| | | i | 37.6 | d | |
| | | i | 59.6 | d | |
| | R | eP | 36.4 | | |
| Sept. 14 | MH | eP | 09 52 43.7 | d | USCGS: Fiji Islands Region h = 500. O = 09 41 17. |
| | M | e | 53 01.5 | c | |
| | | eP | 52 48.3 | d | |
| | | e | 53 13.2 | c | |
| Sept. 14 | B | eP | 10 33 54.5 | | |
| | MH | eP | 53.8 | c | |
| | | i | 58.3 | c | |
| | | i | 34 17.5 | d | |
| | F | eP | 33 46.7 | | |
| | | e | 53.1 | | |
| | | e | 34 33.9 | | |
| | M | eP | 33 50.3 | c | |
| | | e | 34 02.8 | c | |
| | | e | 16.0 | c | |
| | R | eP | 35 46.3 | c | |
| | | e | 33 49.3 | | |
| | | e | 34 02.7 | | |
| Sept. 14 | SH | eP | 11 31 56.3 | | USCGS: 52 $\frac{1}{2}$ N, 26°E, O = 11 12 06 Indian Ocean. |
| | MH | iP' | 59.9 | c | |
| | | i | 32 04.2 | d | |
| | | e | 16.9 | | |
| | | e | 46.9 | | |
| | F | ePP | 35 41.5 | | |
| | | eP' | 31 51.2 | | |
| | | e | 32 00.1 | | |
| | M | eP' | 31 55.2 | d | |
| | | e | 32 06.0 | c | |
| | | i | 24.5 | d | |
| | | e | 36 18.3 | | |
| | R | eP' | 31 55.0 | | |
| | SH | eP' | 55.1 | | |
| | | eE | 32 46.0 | | |
| | | eN | 34 53.2 | | |
| Sept. 14 | MH | e | 14 25 43.9 | c | USCGS: 49°N, 158°E, h = 60 O = 14 16 00. Northern Kurile Islands. |
| | M | eP | 30.3 | d | |
| | | i | 55.6 | c | |
| | SH | eP | 25.8 | d | |
| | | e | 39.5 | d | |
| Sept. 14 | M | eP | 15 09 36.1 | c | USCGS: 38°N, 20 $\frac{1}{2}$ E, O = 14 56 15 Near West Coast of Greece. Felt. |
| | | e | 56.6 | | |
| Sept. 15 | M | e | 06 12 28.6 | c | |
| | | e | 39.3 | d | |
| | SH | eP | 25.6 | d | |
| Sept. 15 | MH | eP | 07 10 20.3 | d | |
| | M | e | 33.3 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|--------------------|------------------------------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 15 | M | e | 07 52 24.4 | c | |
| | SH | eP | 20.0 | | |
| Sept. 15 | M | eP | 09 54 30.2 | c | |
| | SH | eP | 26.5 | c | |
| Sept. 15 | MH | eP | 11 14 28.7 | d | USCGS: 9°S, 156 $\frac{1}{2}$ °E, O = 11 01 34 |
| | M | eP | 33.0 | d | Solomon Islands. |
| | R | eP | 15 07.2 | c | |
| | SH | e | 14 39.8 | | |
| | | | 29.5 | | |
| | | | 58.5 | c | |
| Sept. 15 | M | e | 11 42 00.6 | d | |
| | | | 20.5 | d | |
| | | | 43 01.1 | d | |
| | SH | eP | 41 56.9 | c | |
| | | e | 42 16.2 | | |
| | | | 45.7 | | |
| Sept. 15 | MH | eP | 11 51 27.9 | d | |
| | M | eP | 14.9 | c | |
| Sept. 16 | MH | e(P) | 01 18 15.4 | c | |
| | F | e(P) | 23.8 | | |
| | M | e(P) | 29.5 | d | |
| | R | e(P) | 45.1 | c | |
| | SH | e(P) | 33.1 | d | |
| | B | eP | 24.3 | d | |
| Sept. 16 | B | eP | 02 00 13.0 | | USCGS: 15°S, 174 $\frac{1}{2}$ °W, O = 01 48 42 |
| | BG | eSE | 09 37.3 | | Solomon Islands Region. |
| | | eR | 21.6 | | Pas: Magnitude 6 $\frac{1}{4}$. |
| | MH | iP | 00 10.6 | c | |
| | | i | 22.5 | d | |
| | | i | 30.5 | d | |
| | F | eP | 18.3 | | |
| | M | eP | 19.3 | c | |
| | | i | 27.2 | d | |
| | | e | 40.3 | d | |
| | R | eP | 01 12.4 | c | |
| | SH | eP | 00 23.9 | | |
| | | e | 18.5 | d | |
| | | | 38.4 | | |
| Sept. 16 | MH | e | 04 26 33.5 | c | |
| | | e | 51.8 | c | |
| | F | e | 38.9 | | |
| | M | e | 44.4 | d | |
| | | e | 27 12.7 | c | |
| | R | e | 26 49.4 | c | |
| | SH | e | 43.3 | | |
| Sept. 16 | MH | eP | 12 27 18.4 | c | |
| | | e | 27.5 | c | |
| Sept. 16 | B | iP | 17 57 48.9 | | USCGS: About 250 Miles off Coast of |
| | BG | iSNE | 18 01 59.7 | | Colima, Mexico. O = 17 53 00 |
| | | A T | | Magnitude 5 $\frac{1}{2}$ - 5-3/4. | |
| | SH | | 4 $\frac{1}{4}$ 10 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|-------------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Sept. 16 | MH | eP | 17 57 40.9 | d | |
| | | e | 56.3 | c | |
| | F | eP | 18 02 18.0 | | |
| | M | eP | 17 57 28.0 | | |
| | R | eP | 58 08.8 | c | |
| | | | 57 53.6 | | |
| Sept. 16 | MH | e | 18 23 47.9 | c | |
| | M | iP | 11.1 | c | |
| | | e | 24 04.2 | d | |
| | SH | eP | 23 09.2 | | |
| Sept. 16 | MH | eP | 21 51 50.5 | d | USCGS: 47°N, 152 $\frac{1}{2}$ °E, h = 60 |
| | | epP | 52 05.6 | d | O = 21 41 37. Kurile Islands. |
| | | i | 37.0 | c | |
| | SH | eP | 51 33.7 | | |
| | | epP | 48.1 | | |
| Sept. 17 | MH | e | 05 37 47.8 | d | |
| | M | e | 23.3 | c | |
| Sept. 17 | BG | eN | 09 29 49 | | USCGS: Zacatecas Province, Mexico |
| | MH | eP | 20 36.7 | d | O = 09 15 50. |
| | | e | 55.5 | d | |
| | M | eP | 55.3 | d | |
| | | i | 21 00.0 | c | |
| | | i | 23.8 | d | |
| | R | eP | 20 39.2 | | |
| Sept. 17 | B | eP | 21 23 30.6 | d | USCGS: 20 $\frac{1}{2}$ °S, 174°W, h = 100 |
| | | e | 24 02.8 | | O = 21 11 48. Tonga Islands. |
| | | e | 19.1 | | Pas: Magnitude 6-3/4 - 7. |
| | BG | iSN | 33 13.4 | | |
| | | eSSN | 37 59.9 | | |
| | | eLN | 43.0 | | |
| | | A T | | | |
| | | PZ | 2 $\frac{1}{2}$ 5 | | |
| | | SH | 6 10 | | |
| | MH | eP | 21 23 30.0 | c | |
| | | i | 24 12.5 | d | |
| | | i | 20.9 | d | |
| | M | eP | 23 42.6 | d | |
| | | i | 51.3 | d | |
| | R | eP | 24 01.6 | c | |
| | | i | 23 44.3 | | |
| | | i | 47.2 | c | |
| | SH | eP | 38.7 | c | |
| | | INEZ | 42.0 | c | |
| | | INZ | 52.1 | c | |
| | | EN | 24 16.8 | | |
| | | e | 20.4 | | |
| Sept. 18 | MH | eP | 04 28 41.1 | d | |
| | | e | 44.8 | c | |
| | M | eP | 51.5 | c | |
| | | e | 29 10.4 | c | |
| | R | eP | 28 56.4 | | |
| | SH | iP | 50.1 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|----------------------------------|
| 1953 | | | h. m. s. | | |
| Sept. 18 | MH | e | 10 30 06.7 | c | |
| | M | e | 15.7 | d | |
| Sept. 18 | MH | eP | 15 20 03.2 | c | |
| | | e | 15.6 | c | |
| Sept. 18 | R | eP | 23 01.0 | | |
| | BG | e | 12.7 | | |
| | MH | eP | 22 33 26.9 | d | |
| | | e | 39.8 | d | |
| | M | e | 34 19.4 | | |
| | R | e | 33 54.5 | d | |
| | SH | e | 41.6 | | |
| | | e | 36.0 | c | |
| Sept. 19 | MH | eP | 18 35 45.6 | c | |
| | | e | 36 01.8 | c | |
| | | e | 15.4 | c | |
| | M | e | 35 59.3 | d | |
| | | e | 36 43.1 | | |
| | R | e | 00.5 | | |
| | SH | e | 35 55.1 | | |
| Sept. 20 | MH | eP | 02 49 23.8 | d | |
| Sept. 20 | MH | e | 07 47 27.3 | c | |
| | | e | 48.6 | c | |
| | SH | e | 19.9 | | |
| Sept. 20 | MH | eP | 09 22 12.1 | d | USCGS: 51°N, 179°W, h = 100 |
| | i | i | 18.5 | c | O = 09 14 22. Andreanof Islands, |
| | i | i | 31.6 | c | Aleutian Islands. |
| | i | i | 50.3 | d | |
| | R | e | 23 07.0 | d | |
| | eP | eP | 22 15.1 | | |
| | SH | eP | 21 53.0 | d | |
| | | e | 56.8 | | |
| Sept. 20 | MH | e | 13 39 47.5 | d | |
| | e | e | 58.5 | c | |
| | e | e | 40 35.4 | d | |
| Sept. 20 | B | eP | 19 15 00.5 | | |
| | MH | eP | 14 59.5 | c | |
| | i | i | 15 01.4 | d | |
| | e | e | 44.2 | d | |
| | M | eP | 16 34.2 | | |
| | e | e | 15 00.8 | d | |
| | e | e | 12.4 | d | |
| | e | e | 23.1 | c | |
| | R | e | 14 59.3 | | |
| | SH | e | 15 01.8 | | |
| | | e | 37.2 | | |
| Sept. 21 | M | e | 03 43 07.4 | c | |
| | e | e | 21.2 | c | |
| Sept. 21 | MH | iP | 14 57 17.0 | c | |
| | SH | e(P) | 56 54.2 | | |
| Sept. 21 | MH | eP | 21 06 28.5 | c | |
| | e | e | 42.4 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 22 | B | iP | 11 02 34.1 | d | |
| | MH | e | 47.6 | | |
| | | eP | 37.5 | c | |
| | | e | 44.4 | d | |
| | | e | 03 03.5 | c | |
| | M | eP | 02 36.5 | c | |
| | i | i | 53.4 | d | |
| | R | e | 34.6 | | |
| | SH | iEZ | 37.2 | d | |
| | | e | 03 11.4 | | |
| Sept. 23 | MH | iP | 01 46 26.5 | c | |
| | | e | 47 26.7 | d | |
| | M | eP | 46 31.3 | c | |
| | SH | iP | 29.5 | c | |
| Sept. 23 | B | iP | 02 24 19.9 | c | USCGS: 50 $\frac{1}{2}$ °N, 156°E, h = 60 |
| | | ipP | 34.6 | c | O = 02 14 36. Northern Kurile |
| | BG | eSNZ | 32 12 | | Islands. |
| | | iNE | 15 | | Pas: Magnitude 7. |
| | | eSSN | 35 53 | | |
| | | eN | 38 40 | | |
| | | eLN | 40 43 | | |
| | MH | eP | 24 25.4 | c | |
| | | ipP | 40.4 | c | |
| | | i | 45.2 | d | |
| | | i | 25 33.8 | d | |
| | | i | 26 16.9 | d | |
| | | e(PP) | 42.7 | d | |
| | | eSNE | 32 23.4 | | |
| | | e | 50.5 | | |
| | M | iP | 24 11.5 | c | |
| | | ipP | 24.0 | c | |
| | | iPP | 26 31.0 | d | |
| | | e | 32 36.5 | | |
| | A | e(P)N | 24 02.4 | | |
| | | eE | 13.0 | | |
| | R | iP | 23.6 | c | |
| | | IN | 43.9 | | |
| | | IE | 50.5 | | |
| | | IN | 32 49.0 | | |
| | | IE | 33 20.6 | | |
| | | IE | 46.7 | | |
| | C | eP | 23 56 | | |
| | | es | 31 18 | | |
| | | eL | 39 44 | | |
| | | IP | 24 07 | c | |
| | | ipP | 22 | d | |
| | | e | 25 03 | d | |
| | | ePP | 26 26 | d | |
| | | isNE | 31 50 | | |
| | | issNE | 32 25 | | |
| | | en | 33 21 | | |
| | | en | 35 59 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| Sept. 24 | MH | e | 10 49 32.7 | d | |
| | | e | 40.9 | c | |
| | M | i | 09.9 | c | |
| Sept. 24 | MH | eP | 16 16 37.3 | d | USCGS: 27°N, 128°E, 0 = 16 03 40 |
| | | ipP | 50.7 | c | Ryukyu Islands. |
| | M | eP | 28.8 | d | |
| | | epP | 42.1 | c | |
| | SH | iP | 25.6 | d | |
| | | ipP | 39.2 | c | |
| | | i | 47.9 | c | |
| Sept. 25 | M | e | 00 55 33.7 | d | USCGS: Bonin Islands. 0 = 00 43 13 |
| Sept. 25 | B | eP | 00 57 14.0 | | USCGS: 28½°N, 140½°E, 0 = 00 45 13. |
| | MH | eP | 19.2 | c | Bonin Islands |
| | | e | 45.2 | d | |
| | | i | 58 16.6 | c | |
| | M | eP | 57 10.7 | d | |
| | R | eP | 20.0 | c | |
| | SH | iP | 07.7 | c | |
| | | e | 58 13.9 | | |
| Sept. 25 | M | eP | 02 21 05.3 | c | |
| Sept. 25 | MH | e | 03 07 48.9 | d | |
| | | e | 08 13.8 | c | |
| | F | eP | 07 56 | | |
| | M | eP | 08 00.0 | d | |
| | R | eP | 07 56.9 | | |
| | SH | e | 59.3 | | |
| Sept. 25 | M | e | 03 40 39.8 | c | |
| Sept. 25 | M | e | 05 42 48.4 | c | |
| Sept. 25 | SH | e | 44.6 | c | |
| Sept. 25 | B | iP | 13 53 11.0 | c | USCGS: 28°N, 140°E, 0 = 13 41 08 |
| | BG | eSNE | 14 03.4 | | Bonin Islands |
| | MH | iP | 13 53 15.0 | c | |
| | | i | 44.4 | d | |
| | | e | 56 31.0 | c | |
| | F | eP | 53 22 | | |
| | M | eP | 06.4 | d | |
| | | i | 46.8 | d | |
| | | ePP | 56 02.8 | | |
| | R | eP | 53 16.4 | | |
| | | EE | 55 39.5 | | |
| | | EN | 14 03 16.7 | | |
| | SH | eP | 13 53 02.7 | d | |
| | | INEZ | 03.4 | c | |
| | | ENZ | 25.0 | | |
| | | e | 43.2 | | |
| Sept. 25 | MH | eP | 20 20 35.2 | c | |
| | | e | 21 13.5 | d | |
| Sept. 25 | SH | e(P) | 20 07.0 | | USCGS: 54°N, 160°E, h = 60 |
| | M | e(pP) | 20 57 35.5 | d | 0 = 20 48 20. Off East Coast |
| | SH | i(P) | 24.4 | | of Kamchatka. |
| | | i(pP) | 38.7 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Sept. 26 | B | eP | 01 12 13.4 | | |
| | | e | 22.7 | | |
| | BG | eSNEZ | 19 58.4 | | |
| | MH | iP | 12 15.1 | c | USCGS: 50°N, 157½°E, h = 60 |
| | | ipP | 29.5 | d | 0 = 01 02 30. |
| | | i | 47.2 | d | Near South Coast of Kamchatka. |
| | | i | 13 08.7 | d | |
| | | ePP | 14 10.9 | | |
| | F | eP | 12 24.1 | | |
| | M | iP | 00.9 | c | |
| | | i | 13.5 | d | |
| | | i | 21.3 | d | |
| | | i | 49.0 | d | |
| | R | IP | 12.9 | c | |
| | | ipP | 26.5 | | |
| | | EE | 20 06 | | |
| | | EN | 29 | | |
| | SH | iP | 11 56.3 | c | |
| | | e | 14 45.8 | | |
| | | e | 15 13.3 | | |
| Sept. 26 | MH | eP | 03 50 06.6 | d | USCGS: Southwestern Yukon, Canada |
| | | i | 11.3 | c | 0 = 03 44 35. |
| | | e | 20.3 | | |
| | M | eP | 49 39.5 | c | |
| | | i | 44.8 | d | |
| | | i | 50 04.4 | c | |
| | | e | 51 00.1 | | |
| | SH | ePNZ | 49 36.3 | | |
| | | e | 50 16.3 | | |
| Sept. 26 | M | iP | 11 47 38.4 | c | USCGS: 3°S, 148½°E, 0 = 19 35 00 |
| Sept. 26 | BG | e | 20 18.3 | | Bismarck Sea. |
| | | eN | 22.3 | | |
| | MH | eP | 19 48 12.1 | d | |
| | | e | 54.0 | c | |
| | | ePP | 51 46.6 | | |
| | F | eP | 48 19.1 | | |
| | M | eP | 11.9 | c | |
| | SH | eP | 10.3 | d | |
| | | e | 26.1 | d | |
| Sept. 27 | B | iP | 06 15 47.8 | | USCGS: 14°N, 58°W, 0 = 06 05 27 |
| | BG | eSN | 24 13.5 | | Windward Islands Region |
| | | eSSN | 28 23.5 | | |
| | | eGN | 31.0 | | |
| | | eN | 36.3 | | |
| | MH | eP | 15 44.0 | d | |
| | | i | 54.4 | c | |
| | | i | 16 24.4 | d | |
| | | e | 19 32.4 | c | |
| | F | iP | 15 32.9 | d | |
| | M | eP | 14.3 | d | |
| | | i | 16 40.6 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Sept. 27 | C | eP | 15 58 | | |
| | SH | iP | 47.7 | c | |
| | | e | 16 00.3 | | |
| | | e | 55.5 | | |
| | | e | 19 40.7 | | |
| Sept. 27 | M | iP | 07 45 19.0 | c | USCGS: 29°N, 140°E, O = 07 33 25 Bonin Islands Region. |
| | SH | iP | 15.6 | c | |
| | | e | 56.5 | | |
| Sept. 27 | M | eP | 10 01 02.5 | c | |
| Sept. 27 | MH | eP | 10 05 00.5 | d | USCGS: Kermadec Islands Region |
| | M | iP | 09.3 | c | O = 09 52 20 |
| | | i | 42.8 | d | |
| | SH | iP | 08.4 | | |
| | | e | 16.7 | | |
| Sept. 27 | MH | e | 14 14 43.2 | | |
| Sept. 28 | B | iP | 06 02 09.2 | d | USCGS: 22½°S, 65°W, h = 250 O = 05 50 21 |
| | | e | 41.1 | | |
| | MH | epP | 03 15.5 | | Bolivia-Argentina Border Region. |
| | | iP | 02 05.5 | d | |
| | | e | 13.4 | c | |
| | | ipP | 03 12.3 | c | |
| | | e | 08 06.2 | | |
| | M | eP | 02 14.0 | d | |
| | | i | 42.0 | | |
| | | ipP | 03 20.9 | c | |
| | SH | iP | 02 17.3 | d | |
| | | e | 45.5 | | |
| | | ipP | 03 23.6 | c | |
| | | eSNE | 12 05 | | |
| Sept. 28 | MH | eP | 06 43 53.7 | c | USCGS: 44½°N, 128°W, O = 06 41 41 |
| | M | eP | 11.9 | d | Off Coast of Oregon. |
| | | i | 29.5 | c | |
| | C | eP | 42 32 | | |
| | SH | eP | 43 04.2 | | |
| | | e | 24.0 | | |
| Sept. 28 | MH | i | 13 23 33.3 | c | |
| | | e | 24 38.5 | d | |
| | | i | 26 19.9 | d | |
| | M | e | 23 08.3 | c | |
| | | i | 17.0 | d | |
| | | i | 27.2 | c | |
| | SH | i | 04.2 | d | |
| | | e | 49.3 | | |
| Sept. 28 | M | e | 16 00 14.3 | d | |
| | | i | 27.0 | c | |
| Sept. 28 | MH | e | 19 58 03.1 | | |
| | | i | 13.5 | d | |
| | | i | 26.4 | d | |
| Sept. 28 | MH | eP | 23 46 23.4 | c | |
| | | i | 33.9 | c | |
| | F | e | 57 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|--------|------------|---------------|-------------------------------|
| 1953 | | | h. m. s. | | |
| Sept. 28 | M | i | 29.0 | c | |
| | SH | e | 28.1 | | |
| | | e | 47.44.7 | | |
| Sept. 29 | B | iP | 01 49 30.8 | c | USCGS: 36½°S, 177°E, h = 300 |
| | | ipP | 50 44.2 | d | O = 01 36 45. Off North Coast |
| | | ipp | 53 20.9 | | of North Island, New Zealand. |
| | | INE | 28.1 | | Felt: Wellington |
| | | esNZ | 02 00 16.3 | | Pas: Magnitude 7½. |
| | | IPSN | 01 53.9 | | |
| | | essNEZ | 02 17.7 | | |
| | | essNE | 06.6 | | |
| | | eE | 16 13 | | |
| | | A | T | | |
| | | PZ | 5 5 | | |
| | | ppZ | 4½ 4 | | |
| | | PPZ | 6 7 | | |
| | | PPH | 14 13 | | |
| | | SH | 35 13 | | |
| | | PSH | 30 14 | | |
| | | SSH | 70 12 | | |
| | | SSH | 30 13 | | |
| | MH | EP | 01 49 28.5 | c | |
| | | i | 50 05.1 | d | |
| | | epP | 44.8 | | |
| | | i | 51 13.1 | c | |
| | | i | 54 20.8 | | |
| | F | es | 02 00 11.8 | | |
| | | ePN | 01 49 34.5 | | |
| | | esSN | 02 02 39.7 | | |
| | M | EP | 01 49 38.5 | c | |
| | | i | 46.5 | c | |
| | | i | 53.3 | d | |
| | | i | 58.0 | d | |
| | | i | 50 05.3 | d | |
| | | i | 51 18.2 | c | |
| | | e | 55 20.0 | | |
| | SH | EP'P' | 02 14 38.7 | c | |
| | | IP | 01 49 38.8 | c | |
| | | i | 47.0 | | |
| | | epP | 50 52.7 | | |
| | | EE | 52 55.8 | | |
| | | ePP | 53 32.4 | | |
| | | EE | 50.8 | | |
| | | EE | 56 08.6 | | |
| | | eskse | 59 41.5 | | |
| | | eN | 44.8 | | |
| | | eSE | 02 00 33.8 | | |
| | | en | 01 55.7 | | |
| | | ePSNE | 02 03.4 | | |
| | | e(sS)E | 43.6 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Sept. 29 | MH | e | 02 06 33.9 | c | PKKP of Last Shock? |
| | | i | 42.1 | d | |
| | M | e | 07 28.2 | d | |
| | | i | 06 29.8 | d | |
| | | i | 35.4 | d | |
| | | i | 08 31.0 | d | |
| Sept. 29 | MH | i(P) | 03 30 46.7 | c | USCGS: Near West Coast of Costa Rica. O = 03 22 20. |
| | M | e(P) | 50.9 | | |
| Sept. 29 | M | iP | 04 48 49.9 | c | USCGS: Near North Coast of Columbia. O = 04 39 40. Felt: Goajina. |
| Sept. 29 | MH | e | 11 51 22.2 | d | |
| | | i | 44.8 | d | |
| Sept. 29 | M | e | 21 08 50.6 | c | |
| | | i | 09 40.0 | c | |
| Sept. 30 | MH | eP' | 05 13 31.0 | d | USCGS: 6°S, 100½°E, O = 04 54 15 Off Southwest Coast of Sumatra. |
| | | i | 49.1 | c | |
| | M | i | 14 03.6 | c | |
| | | i(PP) | 15 51.4 | c | |
| | M | eP' | 13 22.8 | c | |
| | | i | 35.5 | d | |
| | | i | 59.5 | c | |
| | F | e(PP) | 15 55.9 | c | |
| | | eP' | 13 31.0 | d | |
| | SH | eP' | 18.9 | d | |
| | | e | 46.4 | d | |
| | | e | 54.6 | d | |
| | | ePP | 15 44.4 | | |
| Sept. 30 | MH | eP | 07 01 03.9 | c | USCGS: 50½°N, 156°E, h = 60 O = 06 51 15. Near South Coast |
| | | e | 20.4 | d | of Kamchatka. |
| | M | eP | 00 49.6 | c | |
| | | epP | 01 03.7 | d | |
| | | e | 16.5 | d | |
| | | e | 25.9 | d | |
| | SH | iP | 00 45.1 | d | |
| | | ipP | 59.1 | d | |
| Sept. 30 | B | iP | 23 08 51.8 | d | USCGS: 22°N, 107½°W, O = 23 04 08 Off Coast of Sinaloa, Mexico |
| | | e | 09 04.9 | | |
| | | e | 19.3 | | |
| | | i | 28.8 | d | Felt: Mazatlan. |
| | BG | isNEZ | 12 31 | d | Pas: Magnitude 6-3/4. |
| | | iN | 41.3 | | |
| | | iE | 53.1 | | |
| | | eE | 13 40.7 | | |
| | B | eGNE | 13.8 | | |
| | BG | e | 14.8 | | |
| | | A T | | | |
| | | PZ | 20 6 | | |
| | | PH | 15 7 | | |
| | | SZ | 285 22 | | |
| | | SH | 190 16 | | |
| | MH | eP | 23 08 42.2 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|----------|------|-------|------------|---------------|---------|
| 1953 | | | h. m. s. | | |
| Sept. 30 | | i | 49.7 | c | |
| | | i | 53.1 | d | |
| | M | i | 09 49.1 | d | |
| | | eS | 12 22.5 | | |
| | | eNE | 13.6 | | |
| | | eP | 09 07.1 | d | |
| | | eNE | 29 | | |
| | A | i | 10 06.2 | c | |
| | | e | 14 24.5 | | |
| | | eNE | 15 10 | | |
| | | ePNE | 09 29 | | |
| | | eN | 15.3 | | |
| | R | eE | 17.2 | | |
| | | iPNZ | 08 53.1 | c | |
| | | iNEZ | 12.8 | | |
| | C | eP | 09 52 | | |
| | | eS | 14 29 | | |
| | | eL | 17 26 | | |
| | | e | 19 27 | | |
| | SH | iP | 09 13.1 | c | |
| | | e(PP) | 49.9 | | |
| | | e | 10 12.4 | | |
| | | eE | 11 02.4 | | |
| | | iE | 45.2 | | |
| | | eN | 12 49.6 | | |
| | | eE | 13 03 | | |
| | | e | 17 | | |
| | | eN | 16 18 | | |
| | | eLN | 17 21 | | |

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BERKELEY—MOUNT HAMILTON—PALO ALTO
SAN FRANCISCO—FERNDALE—FRESNO
MINERAL—ARCATA—RENO—CORVALLIS—SHASTA

Earthquakes and the Registration of Earthquakes

From October 1, 1953, to December 31, 1953

BY
DON TOCHER



UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES
1955

SEISMOGRAPHIC STATIONS OF THE UNIVERSITY OF CALIFORNIA

Perry Byerly, Director

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

and

REGISTRATION OF EARTHQUAKES AT: BERKELEY, MOUNT HAMILTON,
PALO ALTO, SAN FRANCISCO, FERNDALE, FRESNO, MINERAL, ARCATA,
RENO, CORVALLIS AND SHASTA

OCTOBER 1, 1953 TO DECEMBER 31, 1953

VOLUME 23 NUMBER 4

Don Tocher

SEISMOGRAMS READ BY:

John E. Meeker

Barbara D. Amberson

Eugene L. Kessler

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

1955

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EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|----------------------|-----|----------------|----------------|---|--|
| 1 | Oct. 1 | 03-56-15 | 3.4 | 36° 15' | 121° 50' | c | 25 miles south of Monterey. IV at Big Sur. |
| 2 | 3 | 03-18-05 | 3.2 | 37° 58' | 121° 46' | a | 25 miles west of Stockton. |
| 3 | 4 | 01-19-57 | 2.7 | 39° 45' | 119° 27' | c | 20 miles NE of Reno. |
| 4 | 5 | 14-17-44 | 3.0 | 37° 02' | 121° 39' | b | 20 miles south of Mt. Hamilton. Aftershock of magnitude 2.8 at 14-36-42. |
| 5 | 5 | 16-53-34 | 3.3 | 39.4° | 119.2° | d | West of Fallon, Nevada. |
| 6 | 6 | 12-25-41 | 2 | 36.6° | 121.3° | d | Southeast of Hollister. |
| 7 | 7 | 20-51-07 | 3.0 | 37° 04' | 121° 39' | c | South of Mt. Hamilton. |
| 8 | 8 | 23-40-46 | 3.9 | 40° 19' | 124° 25' | b | 20 miles SSW of Ferndale. Felt at Ferndale. |
| 9 | 11 | 00-08-17 | 2.6 | 37° 53' | 122° 13' | b | Near Berkeley. |
| 10 | 12 | 19-37-00 | 3.7 | 39° 31' | 119° 36' | c | East of Reno, Nevada. |
| 11 | 16 | 03-45-35 | 3.4 | 35° 57' | 120° 32' | c | Southwest of Coalinga. |
| 12 | 18 | 10-19-58 | 2.8 | 40.5° | 121.6° | d | North of Mineral. |
| 13 | 19 | 23-35-25 | 3.8 | 37° 21' | 121° 35' | a | Near Mt. Hamilton. |
| 14 | 24 | 13-21-30 | 3.6 | 35.9° | 121.1° | d | South of King City. |
| 15 | 25 | 06-43-25 | 3.2 | 36.5° | 121.5° | d | Northwest of King City. |
| 16 | 26 | 01-43-55 | 2.9 | 40° 36' | 123° 56' | c | 15 miles east of Ferndale. |
| 17 | 26 | 15-50-57 | 3.0 | 36° 52' | 121° 37' | c | 11 miles west of Hollister. |
| 18 | 28 | 01-27-38 | 2.0 | 37° 45' | 121° 55' | c | Northwest of Livermore. |
| 19 | 29 | 12-41-11 | 3.3 | 39° 21' | 120° 13' | b | Near Truckee. |
| 20 | 29 | 19-19-49 | 3.4 | 40° 20' | 124° 24' | c | 17 miles SSW of Ferndale. |
| 21 | 29 | 23-58-46 | 3.4 | 36° 47' | 121° 21' | c | 5 miles SE of Hollister. |
| 22 | 30 | 18-53-27 | 4.2 | 44° | 130° | d | Off coast of Oregon. |
| 23 | Nov. 2 | 00-52-06 | 3.4 | 36.4° | 121.3° | d | Northwest of King City. |
| 24 | 2 | 03-02-56 | 2.5 | 38° 16' | 122° 24' | c | Southeast of Santa Rosa. |

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| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|----------------------|-----|-------------------------|--------------------|---|---|
| 25 | Nov. 2 | 07-18-12 | 2.8 | 40° 22' | 123° 59' | c | 20 miles SE of Ferndale. |
| 26 | 4 | 06-10-21 | 3.5 | 41.8° | 125.8° | d | 75 miles west of Crescent City. |
| | 4 | 21-58 | | Near Corvallis, Oregon. | Felt at Corvallis. | | |
| 27 | 6 | 16-29-12 | 3.0 | 36° 33' | 121° 16' | b | 20 miles SSE of Hollister. |
| 27 | 6 | 17-14-15 | 3.1 | 36° 33' | 121° 16' | b | 20 miles SSE of Hollister. |
| 28 | 7 | 12-20-51 | 3.8 | 41.3° | 127.3° | d | 165 miles west of Arcata. Fores shocks at 1039, 1130, and 1133. Aftershocks at 1231 and 1234. |
| 29 | 12 | 13-25-33 | 3.5 | 40.3° | 125.9° | d | 75 miles off Cape Mendocino. |
| 30 | 13 | 05-02-04 | 3.4 | 40° 37' | 120° 55' | c | 40 miles NE of Mineral. |
| 31 | 18 | 06-57-08 | 3.2 | 41.2° | 124.1° | d | 20 miles north of Arcata. |
| 32 | 19 | 23-04-02 | 2.0 | 37° 48' | 121° 47' | b | 8 miles north of Livermore. |
| 33 | 20 | 00-06-08 | 3.3 | 36° 33' | 121° 16' | c | 20 miles west of Llanada. |
| 34 | 20 | 05-18-12 | 2.2 | 37° 49' | 122° 12' | a | 5 miles SE of Berkeley. Felt in East Oakland and San Leandro. |
| 35 | 23 | 11-16-48 | 2.1 | 37° 20' | 121° 45' | c | 6 miles west of Mt. Hamilton. Fores shock of magnitude 2.0 at 10-46-58. |
| 36 | 25 | 23-54-10 | 2.2 | 38.3° | 122.1° | d | 30 miles north of Berkeley. |
| 37 | 26 | 14-30-52 | 3.2 | 38° 45' | 119° 36' | c | ENE of Markleeville. |
| 38 | 27 | 04-41-05 | 2.4 | 39.3° | 120.0° | d | East of Truckee. |
| 39 | 27 | 09-25-46 | 2.5 | 38.2° | 122.1° | d | 25 miles NE of Berkeley. |
| 40 | Dec. 7 | 20-10-01 | 3.2 | 39.1° | 120.0° | d | Lake Tahoe region. |
| 41 | 8 | 01-45-10 | 2.7 | 39.8° | 123.9° | d | 20 miles south of Garberville. |
| 42 | 8 | 10-59-01 | 3.1 | 36° 38' | 121° 17' | b | 15 miles SE of Hollister. |
| 42 | 8 | 11-36-23 | 3.0 | 36° 38' | 121° 17' | b | Aftershock. |
| 42 | 8 | 13-55-26 | 2.5 | 36° 38' | 121° 17' | c | Aftershock. |
| 43 | 10 | 02-12-50 | 1.8 | 37° 55' | 122° 18' | b | NW of Berkeley. |
| 44 | 10 | 17-20-35 | 2.7 | 37° 02' | 121° 36' | b | 20 miles south of Mt. Hamilton. |

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| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|----------------------|-----|----------------|----------------|---|---|
| 45 | Dec. 12 | 22-07-01 | 2.4 | 36° 7' | 121° 4' | d | South of Hollister. |
| 46 | 15 | 06-13-08 | 2.2 | 37° 1' | 121° 6' | d | NW of Hollister. |
| 47 | 15 | 06-13-08 | 2.0 | 39° 6' | 119° 6' | d | NE of Reno, Nevada. Origin time almost identical to preceding shock. |
| 48 | 16 | 00-05-26 | 3.5 | 36° 55' | 121° 39' | b | Foreshock of Dec. 17 at 0513. Five miles east of Watsonville. IV at Aptos. Also felt at Gilroy, Moss Landing, and Los Gatos. |
| | 16 | 04-32 | 4+ | | | | Northwestern Oregon. Felt over an area of approximately 3000 square miles in northwestern Oregon and across the Columbia River at a few localities in Washington. Maximum intensity VI at Portland, Oregon and Vancouver, Washington. |
| 49 | 16 | 10-54-22 | 3.7 | 36° 33' | 121° 24' | c | 20 miles south of Hollister. V at Hollister and 7 miles south of Hollister. |
| 48 | 16 | 23-09-39 | 3.8 | 36° 55' | 121° 40' | b | Foreshock of Dec. 17 at 0513. IV at Glenwood, Moss Landing, San Francisco and South San Francisco. |
| 48 | 17 | 04-50-30 | 3.7 | 36° 55' | 121° 40' | b | Foreshock of 0513. IV at Hollister, 7 miles south of Hollister, Moss Landing, and San Juan Bautista. |
| 48 | 17 | 04-53-54 | 2.6 | 36° 55' | 121° 40' | c | Foreshock of 0513. |
| 48 | 17 | 05-13-12 | 4.2 | 36° 55' | 121° 40' | a | 14 miles NW of Hollister. Felt over approximately 3500 square miles of the coastal region of west central California. Maximum intensity VI at Watsonville and on the Chittenden Pass road 5 miles west of Chittenden Junction (boulders strewn on road). V at Alviso, Chualar Canyon, Gilroy, Hollister, Los Gatos, Mt. Hermon, and Santa Cruz. |
| 48 | 17 | 05-39-41 | 3.6 | 36° 55' | 121° 40' | b | Aftershock. IV at Moss Landing and 7 miles south of Hollister. |
| 48 | 17 | 06-54-47 | 3.5 | 36° 55' | 121° 40' | b | Aftershock. II at Moss Landing. |
| 50 | 17 | 22-11-26 | 1.9 | 37° 13' | 122° 15' | b | 15 miles south of Palo Alto. Blast? |

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| Map No. | Date 1953 | Origin Time (G.C.T.) | M | Latitude North | Longitude West | Q | Remarks |
|---------|-----------|----------------------|-----|----------------|----------------|---|--|
| 51 | Dec. 21 | 06-37-39 | 3.1 | 39° 4' | 123° 1' | d | 14 miles east of Willits. IV at Willits. Small aftershocks at 06-44-43 and 09-10-09. |
| 52 | 21 | 14-03-39 | 1.7 | 37° 22' | 121° 44' | a | NW of Mt. Hamilton. |
| 53 | 23 | 11-45-03 | 3.7 | 42.5° | 127.1° | d | 200 miles NW of Arcata. |
| 54 | 24 | 07-17-39 | 4.0 | 40° 45' | 121° 33' | c | 30 miles north of Mineral. |
| 55 | 27 | 04-45-52 | 3.7 | 41.4° | 125.7° | d | 85 miles NW of Ferndale. |
| 56 | 27 | 12-46-53 | 2.3 | 37° 50' | 122° 13' | a | 3 miles SE of Berkeley. |
| 57 | 27 | 19-42-24 | 3.4 | 40.9° | 122.2° | d | Northeast of Shasta. |
| 48 | 28 | 01-32-42 | 3.8 | 36° 54' | 121° 37' | c | Aftershock of Dec. 17 at 0513. IV at Gilroy and Hollister. |
| 58 | 28 | 06-44-08 | 3.1 | 39.4° | 122.7° | d | 30 miles NE of Ukiah. |

THE REGISTRATION OF EARTHQUAKES

at

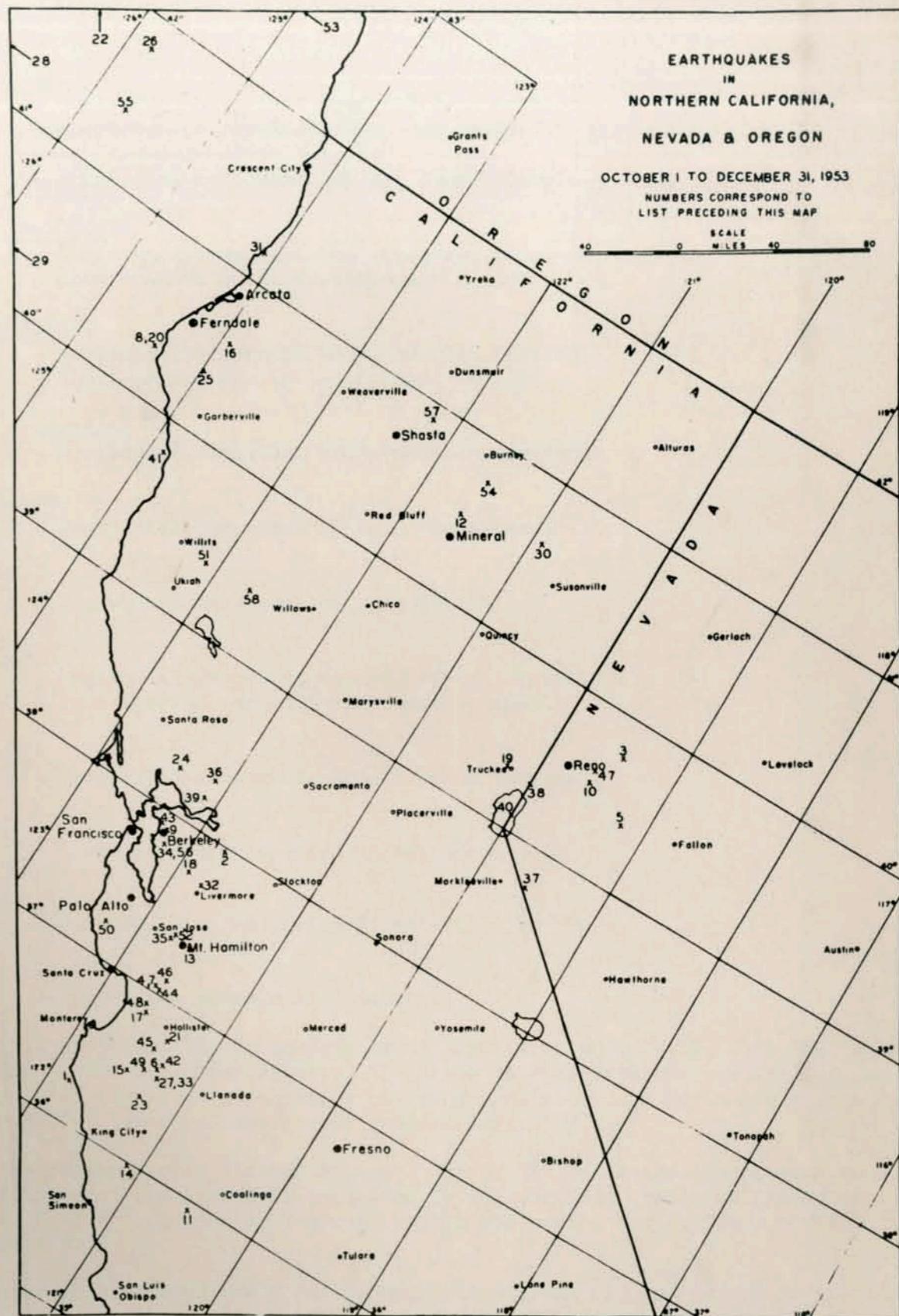
 BERKELEY, MOUNT HAMILTON, PALO ALTO, SAN FRANCISCO, FERNDALE,
 FRESNO, MINERAL, ARCATA, RENO, CORVALLIS, AND SHASTA

All large regional shocks and all distant earthquakes are tabulated on the following pages. Earthquakes in the Northern California, Nevada and Oregon region are included only if of magnitude 5 or greater, or if of special interest. Times of distant shocks are not normally included for Palo Alto, San Francisco, or Ferndale except in cases of defective records at Mount Hamilton, Berkeley, or Arcata, respectively. Communications regarding readings of seismograms should be addressed to Seismographic Station, University of California, Berkeley 4, California. Readings from the Corvallis Station are sent to the University of California by the courtesy of Dr. H. R. Vinyard, Oregon State College.

| <u>Station</u> | <u>North Latitude</u> | <u>West Longitude</u> | <u>Altitude Meters</u> | <u>Feet</u> | <u>Station Symbol</u> | <u>Present Auspices and Date Established</u> |
|----------------|-----------------------|-----------------------|------------------------|-------------|-----------------------|--|
| Berkeley | 37° 52.3' | 122° 15.6' | 81 | 266 | B, BG* | University of California - 1887 |
| Mt. Hamilton | 37° 20.4' | 121° 38.6' | 1281.7 | 4205 | MH | Lick Observatory - 1887 |
| Palo Alto | 37° 25.1' | 122° 10.8' | 83 | 272 | PA | Stanford University - 1927 |
| San Francisco | 37° 46.4' | 122° 27.2' | 100 | 328 | SF | University of San Francisco - 1931 |
| Ferndale | 40° 34.6' | 124° 15.7' | 15 | 50 | Fe | City of Ferndale - 1933 |
| Fresno | 36° 46.1' | 119° 47.8' | 88.4 | 290 | F | Fresno State College - 1935 |
| Mineral | 40° 20.8' | 121° 36.1' | 1495 | 4906 | M | National Park Service Lassen Volcanic National Park - 1938 |
| Arcata | 40° 52.6' | 124° 04.5' | 60 | 195 | A | Humboldt State College - 1948 |
| Reno | 39° 32.3' | 119° 48.8' | 1386 | 4546 | R | University of Nevada - 1948 |
| Corvallis | 44° 35.1' | 123° 18.2' | 133 | 405 | C | Oregon State College - 1950 |
| Shasta | 40° 41.7' | 122° 23.3' | 312.4 | 1025 | SH | Bureau of Reclamation - 1942 |

*B denotes readings of short period instruments, BG of long period instruments (12 sec. Galitzin-Wilip).

**Maps currently used by the U. S. Forest Service indicate this change from the formerly published longitude of 121° 35'.



STATION EQUIPMENT

Berkeley:

2 - Horizontal-component Wood-Anderson torsion.
1 - Short-period vertical-component Benioff.
3 - Long-period Galitzin-Wilip.
2 - Horizontal-component 100 kg. Bosch-Omori.

Mt. Hamilton:

2 - Horizontal-component Wood-Anderson torsion.
1 - Short-period vertical-component Benioff.

Palo Alto:

2 - Horizontal-component Wood-Anderson torsion.
1 - Short-period vertical-component Benioff.

San Francisco:

2 - Horizontal-component Wood-Anderson torsion.

Ferndale:

2 - Horizontal-component 25 kg. Bosch-Omori.

Fresno:

3 - Components short-period Sprengnether.

Mineral:

2 - Horizontal-component Wood-Anderson torsion.
1 - Short-period vertical-component Benioff.

Arcata:

2 - Horizontal-component Wood-Anderson torsion.

Reno:

3 - Components short-period Sprengnether.

Corvallis:

3 - Components short-period Slichter.

Shasta:

3 - Components short-period Benioff.

For all stations, the three components are indicated by N, E, Z in the "phase" column. When no letter appears, the phase is read from the vertical component only. "i" (impetus) preceding a phase designates sudden beginning of the motion; "e" (emersio) designates gradual beginning.

In the column headed "Ground Motion", "c" or "d" indicates compression or dilatation of the ground as indicated by the vertical component instrument. N, S, E or W indicates that ground motion was north, south, east, or west, respectively.

Maximum amplitude of earth displacement in microns (A) and period in seconds (T) of the indicated phases are given for the Berkeley station in the column headed "Time (GCT)". Combined horizontal amplitude of N and E components are designated by H.

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|------------------------------------|
| 1953 | | | h. m. s. | | |
| Oct. 1 | MH | iP | 00 58 21.4 | c | |
| | | i | 29.5 | c | |
| | | i | 34.2 | d | |
| | M | iPP | 01 00 21.5 | d | |
| | | e | 00 58 33.8 | c | |
| | | i | 01 00 15.8 | d | |
| | | e | 30.5 | d | |
| Oct. 1 | MH | iP | 05 43 17.5 | d | |
| | M | iP | 26.6 | c | |
| | | i | 29.3 | d | |
| Oct. 1 | SH | i | 10 24 40.2 | d | |
| | MH | e | 24.4 | d | |
| | | e | 39.5 | c | |
| | SH | iP | 19.8 | c | |
| Oct. 1 | MH | eP | 14 08 39.1 | c | USCGS: Solomon Islands Region |
| | | e | 09 12.9 | d | 0 = 13. |
| | M | eP | 08 43.7 | d | |
| | | e | 09 03.8 | c | |
| | SH | eP | 08 41.9 | | |
| Oct. 1 | MH | eP | 16 11 52.2 | d | |
| | R | e | 54.4 | | |
| Oct. 2 | BG | eN | 02 00 57 | | |
| Oct. 2 | MH | i | 19 20 26.8 | c | |
| | SH | iEZ | 19 51.3 | d | |
| Oct. 3 | MH | eP | 12 50 23.8 | d | |
| | | e | 35.6 | d | |
| Oct. 3 | C | eP | 13 44 10 | | |
| Oct. 3 | MH | iP | 16 04 09.8 | d | |
| | | i | 13.1 | | |
| | | i | 22.3 | d | |
| | M | e | 03 45.3 | c | |
| | | i | 04 05.8 | d | |
| | R | eN | 34.2 | | |
| Oct. 3 | MH | eP | 23 13 54.7 | c | USCGS: 15°N, 144½°E, 0 = 23 01 22 |
| | | i | 14 00.0 | c | Marianas Islands. Felt: Guam. |
| | | e | 28.1 | c | |
| | M | eP | 13 50.7 | c | |
| | SH | iP | 47.9 | c | |
| Oct. 5 | B | iP | 04 41 03.2 | c | USCGS: 53½°N, 160½°E, 0 = 04 31 40 |
| | | e | 44.6 | | Near East Coast of Kamchatka. |
| | BG | ePcP | 42 09.3 | | Pas: Slightly deeper than normal.. |
| | | eSNE | 48 31.5 | | Magnitude 6-3/4 - 7. |
| | | eN | 47 | | |
| | | eN | 49 14 | | |
| | | iScSN | 50 47 | | |
| | | eN | 52 52 | | |
| | | eRNEZ | 57.1 | | |
| | A | T | | | |
| | PZ | | 1½ 8 | | |
| | SH | | 6 10 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Oct. 5 | MH | iP | 04 41 09.6 | c | |
| | | i | 42 01.7 | c | |
| | | i | 25.9 | | |
| | M | eP | 46 08.8 | | |
| | | i | 40 54.3 | c | |
| | | i | 41 04.7 | d | |
| | | i | 21.4 | d | |
| | | i | 43 10.0 | c | |
| | R | iPN | 48 13.6 | | |
| | | iN | 41 07.1 | | |
| | | eSN | 18.6 | | |
| | SH | iP | 48 35 | | |
| | | iNE | 40 49.2 | c | |
| | | i | 41 17.7 | | |
| | | i | 38.4 | d | |
| | | i | 42 03.7 | c | |
| | | e | 45 57 | | |
| | | eSNEZ | 48 04 | | |
| | | eN | 43 | | |
| | | eN | 50 35 | | |
| Oct. 5 | M | e | 07 53 29.0 | c | |
| | | e | 39.8 | c | |
| Oct. 5 | M | i | 08 39 09.5 | d | |
| Oct. 5 | MH | eP | 10 06 01.7 | d | |
| | | i | 28.8 | c | USCGS: 53½°N, 162°E, 0 = 09 56 40 |
| | M | eP | 05 46.0 | d | Off East Coast of Kamchatka. |
| | | e | 06 06.6 | d | |
| | | e | 30.0 | c | |
| | R | eN | 01.2 | | |
| | SH | iP | 05 41.5 | c | |
| | | eN | 06 02 | | |
| | | e | 07 38 | | |
| | | e | 08 46 | | |
| Oct. 5 | B | eP | 14 24 07.8 | d | |
| | MH | eP | 04.3 | d | |
| | | e | 14.3 | d | |
| | | i | 32.3 | d | |
| | M | eP | 13.2 | d | |
| | | e | 23.3 | c | |
| | | i | 54.4 | d | |
| | R | eN | 05.0 | | |
| | SH | iPEZ | 16.6 | | |
| | | e | 25 10.4 | c | |
| Oct. 5 | MH | e | 15 58 38.6 | d | |
| | | e | 50.6 | d | |
| | M | e | 32.6 | c | |
| | SH | e | 19.7 | | |
| Oct. 5 | MH | e | 16 26 15 | c | |
| | M | e | 22 | d | |
| | SH | e | 20 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Oct. 5 | B | eP | 23 29 36.5 | d | USCGS: 9°S, 152 $\frac{1}{2}$ °E, 0 = 23 16 22 |
| | BG | eE | 40 56 | | Off East Coast of Papua, New Guinea |
| | | e | 54.3 | | |
| | MH | eNE | 24 02.4 | c | |
| | | eP | 23 29 36.0 | | |
| | | ePP | 33 17 | | |
| | M | eP | 29 38.1 | d | |
| | R | eP | 43.8 | | |
| | SH | eP | 36.5 | c | |
| Oct. 6 | M | e(P) | 03 14 38.9 | c | |
| Oct. 6 | B | iP | 07 30 43.0 | c | USCGS: 51 $\frac{1}{2}$ °N, 158°E, h = 60, |
| | MH | iP | 48.1 | c | 0 = 07 21 10. Near Southeast |
| | | i | 52.8 | d | Coast of Kamchatka. |
| | | i | 57.9 | d | |
| | | e | 31 06.2 | d | |
| | | e | 35.7 | c | |
| | M | i | 30 42.1 | d | |
| | R | i | 45.9 | | |
| | | e | 31 35.8 | | |
| | SH | eP | 30 24.6 | | |
| | INEZ | | 29.1 | c | |
| | | e | 45.3 | d | |
| | | i | 31 36.9 | d | |
| Oct. 6 | B | e | 21 51 21.9 | | USCGS: 3 $\frac{1}{2}$ °S, 151°E, 0 = 21 38 16 |
| | BG | iSE | 22 01 55.4 | | New Britain Region. |
| | | iSSE | 08 11 | | Pas: Magnitude 6-3/4 - 7. |
| | | eLN | 18.2 | | |
| | | e | 19.3 | | |
| | MH | eP | 21 51 21.1 | c | |
| | | ePP | 55 04.1 | c | |
| | M | eP | 51 22.9 | c | |
| | R | ePP | 55 04.9 | | |
| | | eP | 51 29.4 | | |
| | | eSNE | 22 02 15 | | |
| | | e | 05 10 | | |
| | SH | eP | 21 51 19.5 | | |
| | | i | 25.6 | c | |
| | | eE | 54 49 | | |
| | | eSE | 22 01 56 | | |
| | | eE | 03 50 | | |
| | | eN | 07 43 | | |
| Oct. 6 | B | eP | 23 06 25 | | USCGS: 23°S, 171°E, 0 = 22 53 34 |
| | MH | eP | 24.0 | d | Loyalty Islands Region. |
| | M | eP | 31.0 | d | |
| | R | eP | 36.5 | | |
| | | eS | 17 09 | | |
| Oct. 6 | SH | eN | 06 31 | | |
| | MH | i | 23 43 03.6 | d | |
| | SH | e | 17.7 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Oct. 7 | MH | eP | 07 35 55.5 | d | USCGS: Northwestern Columbia |
| | M | i | 36 07.2 | c | 0 = 07 26 47. |
| | | eP | 03.5 | d | |
| | | e | 17.3 | | |
| Oct. 8 | MH | eP | 04 27 11.9 | d | USCGS: 25 $\frac{1}{2}$ °N, 143 $\frac{1}{2}$ °E, 0 = 04 15 10 |
| | M | i | 16.2 | c | Bonin Islands. |
| | | i | 24.0 | c | |
| | M | eP | 05.1 | d | |
| | R | i | 12.5 | c | |
| | | i | 29.0 | d | |
| | R | eP | 14.8 | | |
| | SH | iP | 01.9 | d | |
| Oct. 8 | M | eP | 05 05 15.5 | c | |
| Oct. 8 | M | e | 11 20 50 | | |
| Oct. 8 | MH | eP | 17 16 07.4 | c | |
| | M | eP | 03.5 | c | |
| | SH | iP | 00.7 | | |
| Oct. 9 | M | e | 04 19 38 | d | |
| Oct. 10 | M | iP | 02 05 41.7 | c | |
| Oct. 10 | SH | e | 16 21 02 | | |
| Oct. 10 | MH | eP | 18 51 46.0 | c | Pas: 31.8°N, 116.1°W, 0 = 18 49.1 |
| | | i | 52 53.1 | | Magnitude 5.0. Baja, California |
| | R | eP | 07.0 | | |
| | SH | iN | 55 24.0 | | |
| Oct. 10 | MH | eP | 22 08 21 | c | USCGS: 8°S, 158°E, 0 = 21 55 32 |
| | SH | eP | 22 | | Solomon Islands. |
| Oct. 11 | B | eP | 13 18 21.1 | | USCGS: 50°N, 155 $\frac{1}{2}$ °E, h = 60 |
| | BG | iS | 26 19.6 | | 0 = 13 08 34. |
| | | eSSE | 30 22 | | Pas: Magnitude 6-3/4. |
| | | eLE | 32.4 | | |
| | | eE | 35.1 | | |
| | MH | iP | 18 25.4 | d | |
| | | i | 27.5 | c | |
| | | iPcP | 38.3 | d | |
| | | iPP | 20 45.7 | c | |
| | M | iP | 18 13.1 | d | |
| | R | i | 15.8 | | |
| | | eP | 23.5 | | |
| | | e | 21 06 | | |
| | C | eSNE | 26 27 | | |
| | | eP | 17 47 | | |
| | | eS | 25 12 | | |
| | | e | 33.6 | | |
| | SH | eP | 18 07 | c | |
| | | iEZ | 10.9 | | |
| | | i | 20 06.0 | c | |
| Oct. 12 | MH | eP | 07 06 47.3 | c | |
| Oct. 12 | MH | eP | 14 39 25 | c | |
| Oct. 13 | MH | eP | 05 36 03 | c | |
| Oct. 13 | M | e | 08 39 54.0 | d | |
| | SH | e | 45.2 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Oct. 13 | B | iP | 08 56 23.4 | d | USCGS: 30°N, 113½°W, 0 = 08 53 45 Northern Gulf of California. |
| | BG | eSE | 58 24 | | Pasadena: Magnitude 6 - 6½. |
| | | iLE | 59 10 | | |
| | MH | iP | 56 14.5 | c | |
| | | i | 16.9 | c | |
| | | eE | 58 01 | | |
| | | eN | 59.1 | | |
| | | e | 59.9 | | |
| | M | eP | 56 53 | | |
| | A | ePN | 57 13 | | |
| | R | iP | 56 29.1 | d | |
| | | eE | 59 43 | | |
| | | eE | 59.9 | | |
| | C | eP | 57 17 | | |
| | | eL | 09 02 15 | | |
| | SH | eP | 08 56 54 | | |
| | | i | 57 03.3 | c | |
| | | eE | 58 16 | | |
| | | eE | 09 00.6 | | |
| Oct. 13 | MH | e | 17 15 47 | c | |
| | | e | 17 34 | c | |
| | R | e | 15 32 | | |
| | | e | 16 12 | | |
| | SH | e | 15 05 | c | |
| Oct. 14 | M | iP | 06 11 21.1 | c | USCGS: Off Coast of Ecuador. |
| Oct. 14 | MH | eP | 08 24 46.5 | c | |
| | | e | 25 04.1 | d | 0 = 08 15 30 GCT. |
| | M | eP | 24 57.8 | d | |
| Oct. 14 | BG | iP | 14 58 07.3 | c | USCGS: 43°N, 144½°E, h = 100 |
| | | iSN | 15 06 58 | | 0 = 14 47 17 GCT. Near East |
| | | iN | 07 58 | | Coast of Hokkaido, Japan. |
| | MH | iP | 14 58 12.3 | c | |
| | | i | 13.9 | d | |
| | R | ipP | 40.0 | d | |
| | | iP | 11.8 | c | |
| | R | iSN | 15 07 05.5 | | |
| | | eN | 08 00 | | |
| | C | eP | 14 57 39 | | |
| | | iS | 15 06 05 | | |
| | SH | iP | 14 57 56.1 | c | |
| Oct. 14 | MH | i | 17 21 52.8 | c | |
| Oct. 15 | M | eP | 05 35 55.1 | c | |
| | | e(PP) | 37 56.6 | c | |
| | SH | e(PP) | 52.3 | | |
| Oct. 15 | M | e | 09 36 40.2 | d | |
| Oct. 15 | M | e | 09 59 14.8 | c | |
| Oct. 15 | MH | iP | 14 38 36.4 | c | USCGS: 28½°N, 141°E, 0 = 14 26 33 |
| | | e | 55.5 | d | Bonin Islands. |
| | R | eP | 39.0 | | |
| | SH | iP | 25.2 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|------------------------------------|
| 1953 | | | h. m. s. | | |
| Oct. 15 | MH | eP | 20 42 54 | d | |
| | M | e | 21 | c | |
| | | e | 43 00 | d | |
| | | e | 44 12 | c | |
| Oct. 15 | MH | iP | 23 24 20.1 | d | |
| | SH | eP | 38.1 | | |
| Oct. 16 | MH | eP | 07 27 21.3 | c | |
| | M | e | 27.6 | d | |
| Oct. 16 | MH | eP | 08 57 37.0 | c | USCGS: 15°N, 45°W, 0 = 08 46 29 |
| | | e | 57.1 | d | Mid-Atlantic Ocean. |
| | M | i | 58 00.7 | d | |
| | | e | 57 45.8 | | |
| Oct. 16 | M | e | 09 28 01.7 | c | USCGS: 16°N, 45½°W, 0 = 09 16 48 |
| | | e | 17.1 | c | Mid-Atlantic Ocean. |
| Oct. 16 | B | eP | 09 59 37.2 | c | USCGS: 16°N, 96½°W, 0 = 09 53 15 |
| | | e | 10 00 42.6 | | Oaxaca, Mexico |
| | | eSE | 05 01.7 | | |
| | | eLNE | 09.0 | | |
| | | eRNEZ | 12.0 | | |
| | MH | eP | 09 59 31.2 | c | |
| | | e | 10 00 15 | | |
| | F | iP | 09 59 17.1 | | |
| | | eSN | 10 04 16 | | |
| | | eLE | 08.7 | | |
| | M | eP | 09 59 47.5 | c | |
| | | e | 10 01 35.9 | d | |
| | | e | 10 15 | | |
| | | e | 11 06 | | |
| | | e | 13.9 | | |
| | A | ePE | 09 59 53.7 | | |
| | | eE | 10 00 15.9 | | |
| | | eLN | 12 | | |
| | R | iP | 09 59 35.1 | c | |
| | | eE | 10 09.8 | | |
| | C | iP | 00 23 | | |
| | | e | 16 07 | | |
| | SH | eP | 09 59 51.7 | | |
| | | e | 10 02 34 | | |
| Oct. 16 | MH | e | 14 42 39.1 | d | |
| | M | e | 49.9 | c | |
| Oct. 17 | MH | eP | 01 44 14.1 | c | |
| | | e | 37 | c | |
| | | e | 46 05 | c | |
| | M | e | 44 25.3 | d | |
| | | e | 42.5 | c | |
| | R | e | 15.7 | d | |
| Oct. 17 | B | e | 21 16 59 | | USCGS: 52°N, 159°E, 0 = 21 07 22 |
| | | e | 17 48 | | Near Southeast Coast of Kamchatka. |
| | BG | eSNEZ | 24 30 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|-------|---------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Oct. 17 | MH | e | 29.4 | | |
| | | en | 30.8 | | |
| | MH | eP | 16 59.5 | d | |
| | F | i | 18 10.7 | c | |
| | F | e | 17 16 | c | |
| | M | e | 18 06 | | |
| | R | e | 16 56 | c | |
| | M | e | 17 01 | | |
| | R | e | 20 47 | | |
| | SH | e | 16 41 | | |
| Oct. 17 | MH | e | 23 53 02 | c | USCGS: 52°N, 159°E, O = 23 43 20 Near East Coast of Kamchatka. |
| | M | e | 06 | | |
| Oct. 18 | MH | e | 04 19 21.2 | d | |
| Oct. 19 | MH | i | 04 23 04.2 | c | |
| Oct. 19 | MH | i | 08 54 52.7 | c | |
| Oct. 19 | MH | i | 18 34 00.2 | c | USCGS: 19½°N, 65½°W, h = 60, O = 18 25 18. North of Puerto Rico. |
| | i | 07.3 | | d | |
| | i | 38.0 | | d | |
| | SH | e | 35.6 | | |
| Oct. 20 | C | eP | 11 04 25 | | |
| Oct. 20 | MH | iP | 15 54 39.6 | d | |
| Oct. 21 | MH | iP | 18 53 32.0 | c | USCGS: 38°N, 20½°E, O = 18 39 50 Near West Coast of Greece. |
| | iPP | | 57 21.8 | | |
| | F | eP | 53 28.9 | d | |
| | e | 57 11.7 | c | | Minor damage on Cephalonia. |
| | R | eP | 53 20.3 | | |
| | e | 54 58.1 | | | |
| | e(PP) | | 57 08.0 | | |
| | SH | eP | 53 16.1 | | |
| Oct. 21 | SH | e | 22 02 38.8 | | |
| Oct. 22 | MH | iP | 13 12 26.5 | d | USCGS: 51°N, 156°E, h = 60 |
| | i | | 38.4 | c | O = 13 02 39. Near South |
| | M | iP | 09.8 | c | Coast of Kamchatka. |
| | R | e | 32 | | |
| | SH | eP | 05.4 | c | |
| Oct. 22 | MH | i | 15 21 19.6 | c | |
| | i | | 34.4 | c | |
| | M | e | 21.8 | | |
| | SH | i | 20 59.9 | c | |
| Oct. 23 | MH | e | 18 05 27.8 | d | |
| Oct. 24 | MH | i(P) | 04 29 58.6 | d | |
| | i | | 30 11.9 | c | |
| Oct. 24 | B | iP | 23 32 43.8 | d | USCGS: 35½°S, 179½°W, O = 23 19 40 Off North Coast of North Island, |
| | e | | 57.4 | c | New Zealand. |
| | BG | eSNE | 43 09 | | |
| | eEZ | | 41 | | |
| | eN | | 44 06 | | |
| | eE | | 44 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Oct. 24 | MH | eLE | 55.0 | | |
| | | eP | 32 43.7 | d | |
| | | i | 48.8 | d | |
| | | i | 57.7 | c | |
| | | i | 33 10.9 | d | |
| | F | ePP | 36 24.3 | | |
| | F | eP | 32 48.4 | | |
| | M | e | 33 01 | | |
| | M | iP | 32 53.3 | d | |
| | R | i | 33 01.6 | d | |
| | R | eP | 04.2 | | |
| | SH | eP | 32 52.1 | | |
| | SH | e | 33 20.4 | | |
| | | e | 40.6 | | |
| | | e | 36 50.5 | | |
| | | eSKSN | 43 21.3 | | |
| Oct. 25 | B | i | 01 06 24.4 | c | USCGS: Near West Coast of Costa |
| | BG | eSN | 12 58 | | Rica. O = 00 58 10. |
| | MH | iP | 06 09.1 | c | |
| | | i | 18.0 | d | |
| | | i | 46.9 | c | |
| | M | eP | 20.6 | d | |
| | | e | 28.9 | c | |
| | | e | 45.9 | | |
| | SH | eP | 08 03.0 | | |
| | B | eP | 06 24.4 | c | USCGS: Easter Islands Region |
| | BG | eSE | 41 01 | | O = 07 21 10 |
| | | eNE | 42 | | |
| | | eNE | 42 10 | | |
| | | eN | 23 | | |
| | | eN | 45 58 | | |
| | MH | eP | 31 47.7 | | |
| | | i | 53.0 | c | |
| | | i | 32 08.9 | c | |
| | | e | 34.4 | | |
| | M | e | 33 37.9 | c | |
| | R | eP | 32 10.3 | c | |
| | SH | eP | 01.6 | | |
| | | e | 13.1 | c | |
| | | e | 38.4 | | |
| Oct. 25 | MH | i | 15 51 06.4 | d | |
| | | i | 52 49.7 | c | |
| | M | e | 54.7 | d | |
| Oct. 26 | MH | e | 09 10 18.3 | c | |
| | | i | 32.0 | | |
| | | e | 11 14.3 | d | |
| | M | eP | 10 08.9 | d | |
| Oct. 26 | MH | iP | 11 01 09.5 | c | USCGS: Near Coast of El Salvador, h = 100, O = 10 53 50. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|----------------------------------|
| 1953 | | | h. m. s. | | |
| Oct. 27 | B | eP | 03 51 42.5 | c | USCGS: 43°N, 145°E, O = 03 40 45 |
| | | i | 53.8 | d | Near East Coast of Hokkaido, |
| | MH | eP | 46.7 | c | Japan. |
| | | i | 58.0 | c | |
| | F | e | 53 19.6 | c | |
| | | eP | 51 56.5 | c | |
| | M | i | 52 10.2 | d | |
| | | eP | 51 35.1 | c | |
| | M | i | 47.4 | c | |
| | | i | 52.9 | d | |
| | R | ePP | 54 11.4 | d | |
| | | ipNEZ | 51 46.4 | | |
| | | iEZ | 52 00.3 | | |
| | SH | iP | 51 31.5 | d | |
| | | i | 43.0 | c | |
| | | eN | 04 00 36 | | |
| | | eE | 01 24 | | |
| Oct. 27 | MH | eP | 10 54 58.2 | d | USCGS: New Britain Island Region |
| | | e | 55 04.5 | c | O = 10 41 39. |
| | | e | 25.7 | c | |
| | | ePP | 58 40.3 | c | |
| | F | e | 59 01.6 | c | |
| | | eP | 55 04.6 | c | |
| | M | eP | 54 58.7 | d | |
| | | e | 55 39.8 | d | |
| | | ePP | 58 44.7 | d | |
| | SH | iP | 54 56.2 | d | |
| | | i | 58 50.5 | d | |
| Oct. 27 | MH | e | 15 45 29.9 | c | |
| | | e | 52.5 | | |
| | F | e | 49.5 | | |
| | R | e | 32.9 | | |
| | C | eP | 44 24 | | |
| | | e(S) | 48 34 | | |
| | SH | e | 44 53.6 | | |
| Oct. 27 | C | iP | 18 28 30 | | |
| Oct. 27 | BG | iP | 18 32 13.8 | d | USCGS: 19°S, 66°W, h = 300, |
| | | ipP | 33 20.7 | c | O = 18 20 48. Southern Bolivia. |
| | | iPP | 35 06.8 | | Felt: Calama, Chile. |
| | | iSN | 41 44 | | Pas: Magnitude 6-3/4. |
| | | eE | 42 06 | | |
| | | eN | 43 10 | | |
| | | iN | 37 | | |
| | MH | iP | 32 10.2 | d | |
| | | i | 20.1 | c | |
| | | ipP | 33 16.3 | c | |
| | | ePP | 34 59.3 | | |
| | F | eS | 41 35 | | |
| | | iP | 32 00.4 | d | |
| | | ipP | 33 05.7 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|-----------------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| | | iPP | 35 54.6 | c | |
| | | iSNE | 41 19 | | |
| | M | eN | 43 | | |
| | | iP | 32 18.9 | d | |
| | | i | 38.5 | | |
| | R | ipP | 33 24.4 | d | |
| | | iPE | 32 12.6 | | |
| | | ipPEZ | 33 18.9 | | |
| | C | iP | 32 39 | | |
| | | ipP | 33 46 | | |
| | | iS | 42 32 | | |
| | SH | iP | 32 21.7 | d | |
| | | epP | 33 28.0 | | |
| | | e | 52.9 | | |
| | | ePP | 35 14.9 | | |
| | | iSNEZ | 41 59.0 | | |
| | | eN | 42 14 | | |
| | | e | 21 | | |
| Oct. 27 | MH | e | 19 02 17.9 | | SKPP of Preceding Shock? |
| | M | e | 21.7 | | |
| | SH | e | 01 56.8 | | |
| | | e | 02 16.6 | | |
| Oct. 27 | MH | eP | 20 43 33.6 | d | |
| | | i | 41.1 | d | |
| | | i | 57.2 | c | |
| | F | eP | 38.3 | c | |
| | M | iP | 44.3 | c | |
| | | e | 51.8 | c | |
| | SH | iP | 42.6 | d | |
| | | e | 44 17.8 | | |
| Oct. 27 | F | e | 21 12 11.7 | | |
| Oct. 28 | M | e | 02 21 02.1 | | |
| | R | e | 08.9 | | |
| Oct. 28 | C | eP | 04 11 23 | | |
| Oct. 28 | F | e | 05 12 49.7 | | |
| | M | e | 10 12.6 | | |
| | | e | 11 31.7 | | |
| | | e | 12 05.4 | | |
| | R | eEZ | 11 35 | | |
| | | eNE | 14 51 | | |
| Oct. 28 | M | e | 08 45 33.2 | c | |
| | | e | 46 25.9 | d | |
| | SH | e | 46.7 | | |
| | | i | 48 00.8 | c | |
| Oct. 28 | B | eP | 08 53 17.7 | | USCGS: 16½°N, 98°W, O = 08 47 06, |
| | BG | eSN | 58 36 | | Near Coast of Oaxaca, Mexico. |
| | | eN | 59 51 | | |
| | | eLN | 09 01.9 | | |
| | F | eP | 08 52 59 | c | |
| | M | eP | 53 30.3 | c | |
| | | | | Pas: Magnitude 5-3/4. | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| | | i | 54 22.9 | c | |
| | | e | 09 04.0 | | |
| | R | iP | 08 53 18.6 | | |
| | | e | 59 34 | | |
| Oct. 28 | B | eP | 12 19 31.0 | | USCGS: 49°N, 156°E, O = 12 09 36 |
| | | e(PP) | 22 25.6 | | Kurile Islands. |
| | BG | eSE | 27 26 | | |
| | | eE | 48 | | |
| | | eN | 55 | | |
| | F | eR | 37.3 | | |
| | M | eP | 19 43.3 | | |
| | | eP | 21.1 | c | |
| | | i | 22.0 | d | |
| | | i | 37.8 | d | |
| | | i | 20 23.2 | c | |
| | R | eP | 19 34.7 | | |
| | SH | eP | 16.6 | | |
| Oct. 28 | B | e | 46.4 | | |
| | | iP | 13 54 56.3 | d | USCGS: 19°S, 178°W, h = 400, O = 13 43 40, |
| | F | iP | 55 02.6 | c | Fiji Islands. |
| | M | eP | 06.1 | c | |
| | | i | 07.9 | c | |
| | R | ePEZ | 11.8 | | |
| | SH | eP | 05.1 | | |
| Oct. 29 | MH | eP | 14 54 46.7 | c | USCGS: Near East Coast of Kamchatka, |
| | | i | 55.5 | c | O = 14 45 13. |
| | | i | 55 45.1 | d | |
| | M | e(P) | 54 32.8 | c | |
| | SH | eP | 27.0 | | |
| Oct. 29 | MH | e | 17 23 42 | c | |
| | SH | e | 24 03 | | |
| Oct. 31 | MH | e | 19 47 59.4 | d | |
| | R | e | 56.2 | | |
| | SH | e | 48 09.2 | c | |
| Nov. 1 | B | iP | 00 26 02.2 | d | USCGS: 50°N, 159°E, O = 00 16 25 |
| | MH | iP | 07.9 | c | Off Southeast Coast of |
| | | i | 13.4 | d | Kamchatka. |
| | | i | 27 03.1 | d | |
| | F | iP | 26 18.8 | c | |
| | M | iP | 25 53.4 | d | |
| | | i | 58.0 | c | |
| | | i | 26 29.6 | c | |
| | | i | 55.4 | d | |
| Nov. 1 | R | i | 17.7 | | |
| | MH | e(P) | 18 30 30.2 | c | USCGS: 22°N, 122°E, O = 18 16 50 |
| | | e | 56.2 | | Off East Coast of Formosa |
| Nov. 1 | B | e | 21 05 47.8 | | USCGS: Kurile Islands Region |
| | BG | eSNE | 14 08 | | |
| | MH | eP | 05 47.6 | c | |
| | F | eP | 59.1 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| Nov. 1 | M | eP | 35.9 | d | |
| | R | eP | 47.6 | | |
| | SH | eP | 31.1 | | |
| Nov. 2 | M | e | 04 32 50.5 | d | USCGS: Kurile Islands, O = 04 22 35. |
| | | e | 33 26.9 | d | |
| | | e | 35.9 | c | |
| Nov. 4 | M | e(P) | 01 44 22.5 | c | |
| | | e | 42.7 | d | |
| Nov. 4 | MH | eP | 01 47 03.6 | c | USCGS: 71°N, 18°E, O = 01 35 55 |
| | F | eP | 05.0 | | Off North Coast of Norway. |
| | M | eP | 46 43.1 | | |
| Nov. 4 | MH | iP | 02 33 23.1 | c | USCGS: 16°S, 179°W, O = 02 21 35 |
| | | i | 32.8 | c | Fiji Islands Region. |
| | F | eP | 27.6 | | |
| | M | iP | 31.8 | d | |
| | | i | 35.8 | c | |
| | | i | 44.6 | c | |
| | SH | iP | 30.2 | c | |
| Nov. 4 | B | eP | 04 01 37.2 | c | USCGS: 12½°S, 166½°E, O = 03 49 04 |
| | | i | 48.3 | c | New Hebrides Islands |
| | | e | 02 19 | d | Pas: Magnitude 7.3. |
| | | e | 05 05 | d | |
| | | e | 06 07 | c | |
| | BG | iSKSNE | 12 03 | | |
| | MH | eP | 01 39.0 | c | |
| | | i | 02 17.0 | | |
| | | e | 05 12.4 | | |
| | F | iP | 01 44.7 | c | |
| | | i | 06 18.1 | d | |
| | M | eP | 01 44.0 | c | |
| | | i | 02 25.5 | d | |
| | | i | 04 53.1 | d | |
| | A | eNE | 14 07 | | |
| | R | eE | 01 45 | | |
| | | ePEZ | 49.9 | | |
| | | i | 02 16.0 | | |
| | | i | 03 23.7 | | |
| | C | eE | 11 28.2 | | |
| | | eP | 01 48 | | |
| | | eSKS | 12 11 | | |
| | | eL | 27.8 | | |
| | SH | eP | 01 41.0 | | |
| | | eE | 12 03 | | |
| | | eN | 36 | | |
| Nov. 4 | B | iP | 04 17 15.1 | c | USCGS: 12½°S, 166½°E, O = 04 04 44 |
| | | i | 18 32.6 | c | New Hebrides Islands Aftershock. |
| | | e | 20 38 | d | |
| | MH | eP | 17 13.1 | c | |
| | F | eP | 22.7 | c | |
| | M | e | 17.2 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|------|--------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Nov. 4 | R | i | 22.2 | d | |
| | C | e | 55.9 | d | |
| | SH | iP | 28.2 | | |
| | B | eP | 25 | | |
| | MH | eP | 15.1 | | |
| Nov. 4 | B | eP | 06 16 19.4 | d | USCGS: 39°N, 129°E, h = 650, 0 = 06 05 15 Off East Coast of Korea. |
| | MH | eP | 23.2 | c | |
| | F | i | 48.4 | | |
| | M | e | 17 09.5 | c | |
| | | ipP | 18 31.5 | c | |
| | F | eP | 16 31.3 | | |
| | M | iP | 13.0 | c | |
| | R | ipP | 18 21.0 | | |
| | | eEZ | 16 31.4 | | |
| Nov. 4 | MH | epP | 18 30.3 | | |
| | M | e | 08 59 51.5 | d | USCGS: New Hebrides Islands Region, h = 60, 0 = 08 47 19. |
| | MH | e | 50.1 | d | USCGS: Solomon Islands Region, 0 = 09 32 10. |
| Nov. 4 | MH | eP | 09 44 45.7 | c | |
| | M | eP | 51.0 | d | USCGS: 12°S, 166½°E, 0 = 12 27 41 New Hebrides Islands. |
| Nov. 4 | B | e(P) | 12 40 10.5 | d | |
| | | i | 34.5 | c | |
| | BG | eSKSNE | 50 28 | | Pas: Magnitude 6½. |
| | MH | eP | 40 06.7 | c | |
| | | i | 13.1 | c | |
| | | i | 39.7 | d | |
| | F | eP | 41 17.5 | d | |
| | M | eP | 40 21.6 | d | |
| | | e | 16.9 | c | |
| | | 43 52 | c | | |
| | R | eEZ | 40 32.8 | | |
| | SH | iP | 14.6 | c | |
| | | i | 28.4 | c | |
| | | e | 43 49 | c | |
| | | e | 46 57 | | |
| Nov. 4 | MH | e | 22 12 52 | c | |
| Nov. 5 | BG | iNZ | 04 53 52 | | |
| | | eE | 05 14.6 | | |
| | MH | i | 04 26 32.5 | c | |
| Nov. 5 | F | i | 07 37 45.6 | c | |
| | M | e | 41.2 | c | |
| Nov. 5 | MH | e(P'') | 08 39 22 | c | USCGS: 36½°N, 70°E, h = 200 0 = 08 21 35, Hindu Kush. |
| | | i | 45 | d | |
| | M | e | 41 07 | d | |
| | | e | 38 17 | c | |
| | | e | 22 | c | |
| | | i(P'') | 39 07 | | |
| Nov. 6 | M | eP | 04 48 42 | c | USCGS: Tonga Islands. 0 = 04 36 54 |
| Nov. 7 | MH | iP | 07 37 42.2 | c | |
| | M | e(P) | 45.3 | d | |
| Nov. 7 | MH | eP' | 13 22 17 | c | USCGS: Near West Coast of Sumatra 0 = 13 03 07. |
| | M | eP' | 13 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|-------|--------|------------|---------------|---------|
| 1953 | | | h. m. s. | | |
| Nov. 7 | BG | eRNEZ | 16 39.9 | | |
| | MH | e(P) | 16 13 39.4 | c | |
| | M | e(P) | 37.8 | c | |
| | | e | 49 | d | |
| | SH | e | 45 | | |
| | | e | 14 10 | | |
| Nov. 8 | MH | e | 01 26 07 | c | |
| | M | e | 25 54 | d | |
| Nov. 8 | B | e | 15 35 54 | d | |
| | MH | iP | 42.6 | c | |
| | | i | 57.9 | d | |
| | | e(PP) | 38 24 | c | |
| | M | e | 36 14 | d | |
| | | e | 24 | | |
| | | i(PP) | 38 31.7 | d | |
| | | e | 45.0 | d | |
| | SH | e | 36 09 | | |
| | | e | 38 29 | | |
| Nov. 8 | M | e | 21 28 39 | | |
| Nov. 9 | MH | eP | 02 06 50.0 | c | |
| | M | eP | 41.9 | c | |
| Nov. 9 | SH | i | 39.1 | d | |
| | M | eP | 04 30 43 | d | |
| Nov. 9 | B | eP | 17 35 08 | | |
| | BG | eSNE | 42 45 | | |
| | | eRNEZ | 51.5 | | |
| | | A T | | | |
| | SH | | 8 10 | | |
| | | MAXH | 80 23 | | |
| | MH | i | 17 35 18.9 | d | |
| | | e | 38 34 | | |
| | F | eP | 35 18.3 | | |
| | | i | 29.9 | | |
| | M | eP | 34 58 | c | |
| | R | eP | 35 10 | | |
| | SH | eP | 34 53 | c | |
| | | e | 36 31 | | |
| | | e(S)E | 42 19 | | |
| Nov. 10 | SH | i | 05 06 45.6 | d | |
| Nov. 10 | M | e | 15 19 30 | | |
| Nov. 10 | B | iP | 23 49 59.4 | c | |
| | BG | e(pP) | 50 16 | c | |
| | | iSNE | 57 48 | | |
| | | iEZ | 58 | | |
| | | esSN | 58 18 | | |
| | | eScSNE | 59 47 | | |
| | | eREZ | 24 06.4 | | |
| | | A T | | | |
| | PZ | | 6 6 | | |
| | (pP)Z | | 12 6 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Nov. 10 | | | A T | | |
| | SH | | 7 7 | | |
| | sSH | | 32 9 | | |
| | ScSH | | 18 9 | | |
| | MAXH | | 100 28 | | |
| | MAXZ | | 150 28 | | |
| | MH | iP | 23 50 05.1 | d | |
| | | i | 19.9 | d | |
| | | i | 52 25.5 | d | |
| | F | i | 50 05.3 | c | |
| | | i | 36.9 | c | |
| | M | e | 52 24 | | |
| | | eP | 49 50.8 | c | |
| | | i | 50 03.2 | c | |
| | R | e | 57 33 | | |
| | | iP | 50 03.2 | | |
| | | iEZ | 24.3 | | |
| | SH | iP | 49 45.8 | c | |
| Nov. 11 | M | e | 07 41 05 | d | USCGS: Ryukyu Islands Region 0 = 07 27 55. |
| | SH | iP | 40 39 | | |
| Nov. 12 | MH | iP | 03 17 53.2 | d | USCGS: 10°S, 160½°E, 0 = 03 05 17 Solomon Islands |
| | | i | 18 11.9 | c | |
| | M | e | 29 | c | |
| | | e(P) | 17 57 | c | |
| | | e | 18 05 | | |
| Nov. 12 | MH | iP | 15 46 27.7 | c | |
| | | i | 39.0 | d | |
| | F | e | 11 | c | |
| | M | e | 34.4 | c | |
| | | e | 48 18 | d | |
| Nov. 13 | MH | iP | 11 23 42.1 | c | USCGS: About 400 miles Southwest of Guam. 0 = 11 10 41. |
| | F | eP | 46.9 | | |
| | M | i | 42.5 | c | |
| | R | e | 54 | | |
| | SH | i | 42.9 | c | |
| Nov. 13 | MH | i | 16 18 02.4 | d | |
| | F | e | 05.6 | | |
| | M | e | 17 40.3 | | |
| | R | e | 18 13.3 | | |
| | SH | e | 03.0 | | |
| Nov. 13 | MH | eP'' | 16 36 08.0 | d | USCGS: 3½°N, 96°E, 0 = 16 17 02 Near West Coast of Sumatra. |
| | | i | 20.6 | c | |
| | F | i(PP) | 38 02.6 | c | |
| | | eP'' | 36 11.5 | | |
| | | e | 37 32.5 | | |
| | | e | 38 19.7 | | |
| | R | eP'' | 36 08.5 | d | |
| | | e(PP) | 38 06.3 | | |
| | SH | iP'' | 36 02.7 | d | |
| | | e | 37 47.5 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Nov. 13 | BG | eP | 19 28 14 | | |
| | | eSN | 38 36 | d | USCGS: 13°S, 166°E, 0 = 19 15 37 New Hebrides Islands. |
| | | eE | 40 02 | | Pas: Magnitude 6-3/4. |
| | | eR | 53.8 | | |
| | MH | iP | 28 15.3 | d | |
| | F | e | 19.1 | | |
| | R | e | 47.1 | | |
| | SH | e | 17.6 | | |
| Nov. 14 | MH | iP | 20 13 09.7 | d | USCGS: 52°N, 160°E, 0 = 20 03 27 Off Southeast Coast of Kamchatka. |
| | F | eP | 21.1 | d | |
| | M | eP | 12 47.3 | d | |
| | | i | 13 39.0 | c | |
| | | e | 15 16.4 | c | |
| | SH | eP | 12 43.0 | c | |
| | | i | 13 48.2 | c | |
| | | e | 15 50.4 | | |
| Nov. 15 | MH | iP | 17 33 54.9 | c | |
| | M | e | 34 08.2 | d | |
| | R | e | 09.4 | | |
| Nov. 16 | M | e | 09 54 29.1 | c | USCGS: Loyalty Islands. 0 = 16 00 53. |
| Nov. 16 | MH | eP | 16 13 44.4 | d | |
| | F | eP | 50 | | |
| | SH | eP | 49 | c | |
| Nov. 16 | F | eP | 16 29 42.6 | c | USCGS: Loyalty Islands. 0 = 16 16 44 |
| | M | eP | 44.3 | c | |
| Nov. 16 | B | eP | 17 30 20.1 | | USCGS: 21½°S, 169°E, 0 = 17 17 27 Loyalty Islands. |
| | MH | iP | 21.6 | d | |
| | F | eP | 26.1 | | |
| | R | eP | 31.1 | c | |
| | SH | iP | 25.6 | | |
| Nov. 16 | M | eP | 22 15 31.0 | c | |
| | SH | iP | 27.7 | c | |
| Nov. 17 | F | iP | 04 32 32.2 | c | USCGS: 20°S, 168°E, 0 = 04 19 35 Loyalty Islands |
| | M | eP | 33.6 | c | |
| | SH | iP | 32.2 | | |
| Nov. 17 | MH | iP | 05 41 15.8 | d | USCGS: 5½°S, 147°E, 0 = 05 27 53 Off Northeast Coast of New Guinea. |
| | M | eP | 16.0 | d | |
| | ePP | | 45 12.2 | | |
| | SH | iP | 41 13.9 | d | |
| Nov. 17 | MH | eP | 09 58 15.3 | d | USCGS: Loyalty Islands. 0 = 09 45 23. |
| | F | iP | 21.0 | c | |
| | M | eP | 22.0 | c | |
| | R | eP | 27.1 | | |
| | SH | iP | 20.3 | c | |
| Nov. 17 | M | eP | 11 57 18.8 | d | USCGS: 43°N, 46°E, 0 = 11 43 50 Degestan A.S.S.R. |
| | e | | 23.7 | c | |
| Nov. 17 | B | iF | 13 36 55.5 | dSE | USCGS: 14°N, 92°W, 0 = 13 29 52 Near Coast of Guatemala. |
| | iPcP | | 39 19.7 | c | |
| | BG | iSNE | 42 40 | | Pas: Magnitude 7.4 ± . |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|-----------------|------|-------|------------|---------------|--------------------------------------|
| 1953 Nov. 17 | MH | e | h. m. s. | | |
| | | eQNE | 45.6 | | |
| | | A | T | | |
| | | PZ | 25 7 | | |
| | | PH | 20 9 | | |
| | | SH | 25 10 | | |
| | | MAXH | 700 28 | | |
| | MH | iP | 13 36 49.0 | d | |
| | F | iP | 35.3 | d | |
| | | e(PP) | 38 01.6 | | |
| | | eSN | 42 26 | | |
| | M | iP | 37 03.6 | d | |
| | | i | 42.2 | c | |
| | | i | 39 27.2 | c | |
| | | eS | 42 55 | | |
| | A | ePNE | 37 19 | | |
| | | eSNE | 43 30 | | |
| | R | iP | 36 52.0 | d | |
| | | eSNE | 42 45 | | |
| | C | iP | 37 35 | | |
| | | eS | 43 37 | | |
| | | e | 52.0 | | |
| | SH | iP | 37 08.0 | d | |
| | | iPcP | 39 25.0 | c | |
| Nov. 17 | M | eP | 20 13 51.0 | c | USCGS: 32°N, 39°W, O = 20 03 10 |
| | | i | 14 01.6 | d | North Atlantic Ocean. |
| Nov. 17 | M | eP | 22 52 50.8 | d | USCGS: Near East Coast of Kamchatka. |
| | | | | | O = 22 43 30. |
| Nov. 17 | M | e | 23 35 30.9 | c | |
| Nov. 18 | M | iP | 03 10 36.8 | c | USCGS: New Hebrides Islands, h = 200 |
| | | epP | 11 22.3 | c | O = 02 58 18. |
| Nov. 18 | M | e | 04 43 24.9 | d | |
| Nov. 18 | M | e | 07 25 01.3 | d | |
| Nov. 18 | M | e | 10 20 13.2 | d | |
| Nov. 18 | M | e | 13 39 18.0 | c | |
| Nov. 18 | M | eP | 14 34 01.2 | c | |
| | | e | 17.2 | c | |
| | R | e(P) | 33 49.4 | d | |
| Nov. 19 | MH | e | 03 47 34.8 | d | |
| | M | i | 29.6 | c | |
| | SH | i | 27.0 | c | |
| Nov. 19 | M | e | 10 15 11.5 | c | |
| Nov. 20 | MH | iP | 02 39 35.6 | c | USCGS: 20½°S, 69½°W, h = 60 |
| | M | eP | 40.2 | c | O = 02 27 46. Northern |
| | SH | iP | 42.8 | d | Chile. Felt. |
| Nov. 20 | B | iP | 21 16 23.9 | d | |
| | MH | iP | 24.2 | d | |
| | M | eP | 33.5 | d | |
| | R | e | 17 00.5 | d | |
| | SH | iP | 16 33.1 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Nov. 21 | MH | i | 01 14 04.4 | d | |
| | M | e(P) | 13.0 | c | |
| | R | e | 17.0 | | |
| | SH | i | 12.1 | c | |
| Nov. 21 | M | iP | 08 18 12.3 | | |
| | SH | i | 13.4 | | |
| Nov. 21 | MH | i | 08 34 17.0 | c | |
| | M | e | 19.9 | c | |
| Nov. 22 | M | e | 08 18 52.6 | d | |
| Nov. 23 | B | eP | 03 54 22.1 | d | |
| | | e | 25.8 | c | USCGS: 13°N, 145°E, O = 03 41 45 |
| | MH | iP | 25.9 | c | Off Coast of Guam. |
| | | i | 29.3 | d | |
| | F | eP | 36.1 | | |
| | M | iP | 25.7 | d | |
| | R | eP | 34.8 | | |
| | SH | i | 18.2 | c | |
| Nov. 23 | MH | eP | 06 01 29.9 | d | USCGS: 42°N, 90½°E, O = 05 47 58 |
| | M | eP | 13.4 | d | Sinkiang Province, China. |
| Nov. 24 | MH | i | 03 01 43.1 | c | |
| | M | e | 47.4 | d | |
| Nov. 24 | B | eP | 05 47 17.8 | c | Pas: 35° 53'N, 116° 58'W, O = 05 46 06. |
| | | i | 31.4 | c | Magnitude 4.9. Panamint |
| | | i | 48 30.4 | c | Range, California. |
| | MH | iP | 47 07.9 | c | |
| | F | iP | 46 46.4 | c | |
| | M | iP | 47 36.2 | d | |
| | R | eP | 24.9 | d | |
| | | iSEZ | 48 26.0 | | |
| | SH | eP | 47 45.0 | | |
| | | iEZ | 49 24.8 | | |
| Nov. 24 | MH | iP | 09 15 00.2 | d | USCGS: 14°N, 92°W, h = 100, O = 09 08 18 |
| | M | iP | 21.1 | c | Near Coast of Guatemala. |
| | R | eP | 08.6 | | |
| Nov. 24 | MH | iP | 10 10 59.1 | c | USCGS: Off Northwest Coast of |
| | M | iP | 46.5 | c | Hokkaido, Japan. O = 09 59 50. |
| | SH | iP | 39.4 | c | |
| Nov. 24 | MH | i | 13 00 04.8 | | |
| Nov. 24 | MH | e | 17 45 56.6 | | |
| Nov. 25 | M | e | 10 51 12.7 | c | |
| | SH | i | 11.7 | c | |
| Nov. 25 | MH | i | 17 35 22.6 | c | |
| | M | e | 36.0 | c | |
| | SH | e | 33.5 | | |
| Nov. 25 | MH | iP | 17 48 11.3 | c | |
| | M | iP | 19.8 | c | |
| | SH | iP | 17.4 | c | |
| Nov. 25 | BG | IPNE | 18 00 32 | NW | USCGS: 34°N, 141°E, O = 17 48 49 |
| | | IPPN | 03 31 | | Near South Coast of Honshu, Japan. |
| | | ISNE | 10 06 | | Felt: Honshu and Hokkaido. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-----------------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| | | A | T | | |
| | PH | 60 | 10 | | |
| | SH | 50 | 10 | | |
| | MAXH | 700 | 25 | | |
| | MH | iP | 18 00 34.5 | d | |
| | F | eSNE | 10 11.3 | | |
| | M | ePN | 00 45 | | |
| | A | iP | 25.9 | | |
| | R | iPP | 03 18.8 | d | |
| | C | ePNE | 00 18 | | |
| | | | 35.9 | | |
| | | iSE | 10 12.2 | | |
| | | iP | 00 09 | | |
| | | iS | 09 21 | | |
| | | e | 20 50 | | |
| | SH | iP | 00 21.8 | d | |
| | | ePP | 03 08 | | |
| | | isNE | 09 46 | | |
| Nov. 25 | MH | iP | 19 14 07.8 | d | USCGS: 34°N, 141°E, 0 = 19 02 23 Honshu, Japan Aftershock. |
| | M | e | 07.3 | c | |
| | SH | iP | 13 54.7 | d | |
| Nov. 25 | M | i | 21 59 28.3 | d | |
| | SH | i | 24.1 | c | |
| Nov. 25 | MH | eP | 22 04 02.5 | c | |
| | M | i | 14.6 | d | |
| | M | e | 03 58.6 | d | |
| | SH | i | 56.3 | d | |
| Nov. 25 | MH | eP | 23 47 48.7 | d | USCGS: 34°N, 141 $\frac{1}{2}$ °E, 0 = 23 36 03 Honshu, Japan Aftershock. |
| | M | i | 40.0 | c | |
| | SH | i | 36.0 | c | |
| Nov. 25 | MH | iP | 23 51 26.9 | c | |
| | M | eP | 16.9 | c | |
| | SH | iP | 13.6 | c | |
| Nov. 26 | BG | iP | 00 15 11 | d | USCGS: 34°N, 141°E, 0 = 00 03 28 Off South Coast of Honshu, Japan. Felt. |
| | | isNE | 24 46 | | Pas: Magnitude 6-3/4. |
| | | A | T | | |
| | PZ | 3 $\frac{1}{2}$ | 6 | | |
| | MAXH | 25 | 16 | | |
| | MH | iP | 00 15 13.8 | c | |
| | | e | 17 32 | | |
| | F | ePN | 15 23 | | |
| | M | eP | 03.2 | | |
| | R | i | 16 48.5 | c | |
| | C | iP | 15 14.2 | | |
| | | eE | 24 59 | | |
| | SH | iP | 14 47 | | |
| | | | 59.3 | d | |
| Nov. 26 | MH | iP | 01 31 24.3 | d | USCGS: Honshu, Japan Aftershock 0 01 19 43. |
| | M | eP | 20.1 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Nov. 26 | SH | iP | 17.0 | c | |
| Nov. 26 | B | iP | 01 59 08.7 | d | USCGS: 34°N, 141°E, 0 = 01 47 27 Off South Coast of Honshu, Japan. |
| | MH | iP | 12.6 | d | |
| | F | ePN | 23 | | |
| | M | iP | 02.8 | c | |
| | R | eP | 12.3 | | |
| | C | eP | 58 46 | | |
| | SH | iP | 59.6 | d | |
| Nov. 26 | M | eP | 02 08 32.5 | d | USCGS: Honshu, Japan Aftershock 0 = 01 56 58 |
| | SH | eP | 29.8 | d | |
| Nov. 26 | M | e | 03 16 41.8 | d | |
| | SH | e | 37.4 | d | |
| Nov. 26 | MH | e | 03 35 56.3 | c | |
| | M | e | 36 03.2 | c | |
| | SH | i | 35 57.0 | c | |
| Nov. 26 | M | e | 03 44 47.2 | d | USCGS: 34°N, 141°E, 0 = 03 33 00 Honshu, Japan Aftershock. |
| | MH | iP | 04 33 19.0 | c | |
| | M | eP | 09.5 | c | |
| | SH | iP | 06.3 | d | |
| Nov. 26 | SH | i | 04 44 31.4 | c | |
| Nov. 26 | B | e | 05 15 40 | d | USCGS: 34°N, 141°E, 0 = 05 03 59 Honshu, Japan Aftershock. |
| | MH | iP | 43.9 | c | |
| | M | eP | 34.0 | d | |
| | SH | iP | 31.0 | c | |
| Nov. 26 | MH | iP | 05 13 50.6 | c | USCGS: Honshu, Japan Aftershock 0 = 05 08 05. |
| | M | eP | 40.2 | d | |
| | SH | eP | 36.8 | c | |
| Nov. 26 | B | iP | 08 25 53.8 | d | USCGS: 34°N, 141°E, 0 = 08 14 12 Off South Coast of Honshu, Japan. Felt. |
| | BG | eSNE | 35 34 | | |
| | | A | T | | |
| | PZ | 4 | 4 | | |
| | MAXH | 30 | 18 | | |
| | MH | iP | 08 25 58.3 | d | |
| | | i | 28 38.2 | c | |
| | F | iP | 26 08.0 | d | |
| | M | iP | 25 48.5 | d | |
| | R | iP | 58.6 | d | |
| | C | iE | 35 49 | | |
| | | eP | 25 32 | | |
| | SH | iP | 45.1 | d | |
| | | eSE | 35 10 | | |
| Nov. 26 | B | iP | 08 31 29.6 | d | USCGS: 34°N, 141°E, 0 = 08 19 49 Honshu, Japan Aftershock. |
| | MH | iP | 34.8 | | |
| | M | iP | 24.2 | d | |
| | R | eP | 34.2 | | |
| | SH | iP | 20.5 | d | |
| Nov. 26 | B | iP | 08 38 14.8 | d | USCGS: 34°N, 141°E, 0 = 08 26 34 Honshu, Japan Aftershock. |
| | MH | iP | 18.9 | d | |
| | F | eP | 28 | | |
| | M | iP | 09.5 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Nov. 26 | R | eP | 19 | | |
| | SH | iP | 06.1 | d | |
| Nov. 26 | MH | e | 08 43 01.5 | c | |
| | M | i | 42 48.1 | c | |
| | SH | e | 44.1 | d | |
| Nov. 26 | MH | e | 08 51 10.1 | c | |
| | M | e | 50 58.3 | d | |
| | SH | e | 54.2 | c | |
| Nov. 26 | M | e | 09 10 57.8 | c | |
| Nov. 26 | M | e | 09 26 55.5 | d | |
| Nov. 26 | MH | i | 11 02 58.3 | c | |
| | F | e | 03 10.5 | | |
| | M | e | 02 30.8 | d | |
| | R | e | 54 | | |
| | SH | e | 33.8 | | |
| Nov. 26 | B | eP | 11 48 00.5 | d | USCGS: 34°N, 141°E, 0 = 11 36 20 Honshu, Japan Aftershock. |
| | MH | iP | 05.0 | c | |
| | F | eP | 14.6 | | |
| | M | iP | 47 55.6 | c | |
| | R | eP | 48 05 | | |
| | SH | iP | 47 52.0 | | |
| Nov. 26 | MH | iP | 11 53 17.3 | c | USCGS: 34°N, 141°E, 0 = 11 41 33 Honshu, Japan Aftershock. |
| | i | | 32.8 | d | |
| | M | iP | 07.7 | c | |
| | i | | 22.9 | c | |
| | SH | iP | 04.5 | c | |
| | e | | 19.3 | | |
| Nov. 26 | B | iP | 11 55 45.5 | d | USCGS: Honshu, Japan Aftershock. 0 = 11 44 05. |
| | MH | iP | 49.4 | d | |
| | F | eP | 59.2 | | |
| | M | iP | 40.0 | d | |
| | R | e | 56 20 | d | |
| | SH | iP | 55 36.7 | d | |
| | e | | 51.7 | | |
| Nov. 26 | MH | e | 12 04 58.3 | c | |
| | M | e | 41.1 | d | |
| | SH | e | 37 | c | |
| Nov. 26 | M | e | 12 22 06.7 | c | |
| Nov. 26 | MH | iP | 14 41 02.1 | c | Japan? |
| | M | eP | 40 52.4 | | |
| | SH | iP | 49.4 | | |
| Nov. 26 | MH | i | 19 38 31.9 | c | |
| | F | e | 26.1 | | |
| | M | e | 08.6 | c | |
| | SH | i | 05.6 | d | |
| Nov. 27 | B | eP | 00 13 02.2 | | USCGS: 34°N, 141°E, 0 = 00 01 20 Honshu, Japan Aftershock. |
| | MH | iP | 06.8 | c | |
| | F | eP | 15 | | |
| | M | eP | 12 57.1 | c | |
| | SH | iP | 53.9 | d | |
| Nov. 27 | MH | eP | 01 16 15.1 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Nov. 27 | M | eP | 05.7 | c | |
| Nov. 27 | M | eP | 01 36 21.1 | c | USCGS: 34°N, 141°E, 0 = 01 24 46 Honshu, Japan Aftershock. |
| Nov. 27 | MH | iP | 17.7 | c | |
| Nov. 27 | M | eP | 02 06 11.2 | d | USCGS: 34°N, 141°E, 0 = 01 54 36 Honshu, Japan Aftershock. |
| Nov. 27 | B | eP | 05 16 39.9 | | |
| | M | iP | 43.5 | c | |
| | SH | iP | 30.8 | d | |
| Nov. 27 | M | e | 07 01 00.6 | d | |
| | e | | 20.0 | c | |
| | SH | e | 02.2 | | |
| Nov. 27 | M | e | 10 02 42.5 | d | |
| Nov. 27 | B | iP | 11 41 43.5 | d | USCGS: 33½°N, 141½°E, h = 60 0 = 11 30 06. Off South Coast of Honshu, Japan. |
| | ipP | | 59.3 | c | |
| | i | | 42 36.2 | c | |
| | MH | iP | 41 47.4 | d | |
| | i | | 42 43.0 | c | |
| | F | iP | 41 56.4 | d | |
| | e | | 43 23 | | |
| | M | eP | 41 38.0 | d | |
| | ipP | | 54.5 | c | |
| | i | | 42 31.1 | c | |
| | R | iP | 41 47.7 | | |
| | ipP | | 42 03.2 | | |
| | i | | 43 17.6 | | |
| | C | e | 41 41 | | |
| | SH | iP | 34.5 | d | |
| | ipP | | 51.1 | d | |
| | i | | 42 27.5 | c | |
| Nov. 27 | B | eP | 13 42 30 | | Japan? |
| | MH | eP | 33.1 | c | |
| | M | eP | 23.7 | c | |
| | SH | e | 38.6 | d | |
| | e | | 22.5 | | |
| | SH | i | 35.2 | d | |
| Nov. 27 | B | eP | 18 43 15.5 | | Two Shocks? USCGS: 33½°N, 141°E, 0 = 18 31 31 Honshu, Japan Aftershock. |
| | e(P) | | 55.2 | d | |
| | MH | iP | 20.8 | c | |
| | i(P) | | 59.2 | d | |
| | M | eP | 10.6 | c | |
| | i | | 31.6 | | |
| | e(P) | | 49.6 | d | |
| | i | | 59.1 | d | |
| | SH | eP | 07.6 | d | |
| | e(P) | | 46.7 | | |
| | i | | 44 24.6 | d | |
| Nov. 27 | MH | e | 22 56 37.3 | c | |
| | F | e | 57.2 | | |
| | M | e | 05.0 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| Nov. 27 | R | e | 31.7 | d | |
| | SH | e | 24 | | |
| Nov. 27 | MH | iP | 23 13 36.7 | c | |
| | | i | 46.2 | | |
| | F | eP | 40.1 | | |
| | M | iP | 44.1 | d | |
| | | i | 14 11.3 | | |
| Nov. 27 | R | eP | 13 48.6 | | |
| | M | e | 23 39 57 | c | |
| | SH | e | 56 | | |
| Nov. 28 | B | iP | 02 22 20.3 | c | USCGS: 33½°N, 141½°E, O = 02 10 35. |
| | MH | iP | 23.3 | c | Honshu, Japan Aftershock. |
| | | i | 43.2 | | |
| | F | e | 32.1 | | |
| | M | iP | 14.0 | c | |
| | | i | 20.3 | c | |
| | | i | 34.9 | c | |
| | R | eP | 23.3 | | |
| | SH | iP | 10.1 | d | |
| Nov. 28 | B | iP | 02 54 41.0 | c | Japan? |
| | MH | iP | 44.2 | c | |
| | M | iP | 34.8 | c | |
| | SH | iP | 31.4 | c | |
| Nov. 28 | M | eP | 03 11 04.4 | c | |
| Nov. 28 | B | eP | 04 37 02 | d | USCGS: Honshu, Japan Aftershock |
| | MH | eP | 04.5 | d | O = 04 25 16. |
| | M | iP | 36 55.6 | c | |
| | SH | eP | 51.9 | d | |
| Nov. 28 | B | eP | 05 22 56.5 | d | USCGS: Honshu, Japan Aftershock |
| | MH | iP | 59.3 | d | O = 05 11 11. |
| | F | eP | 23 08.0 | | |
| | M | eP | 22 49.7 | d | |
| | R | eP | 54.7 | | |
| | SH | iP | 46.5 | d | |
| Nov. 28 | MH | eP | 07 08 01.8 | c | |
| | M | eP | 07 51.3 | c | |
| | R | eP | 08 01.6 | | |
| | SH | iP | 07 47.8 | c | |
| Nov. 28 | M | eP | 10 02 19.5 | d | USCGS: 53°N, 161°E, O = 09 53 02 |
| | | e | 37.4 | | Off East Coast of Kamchatka. |
| Nov. 28 | MH | e | 14 12 42 | c | |
| | M | e | 12 | d | |
| | SH | i | 08.7 | c | |
| Nov. 28 | B | eP | 14 25 06 | d | USCGS: 34°N, 141½°E, h = 60 |
| | MH | iP | 09.9 | c | O = 14 13 30. Honshu, |
| | | ipP | 24.8 | c | Japan Aftershock. |
| | | i | 35.3 | d | |
| | F | eP | 20 | | |
| | M | eP | 00.3 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|------------------------------------|
| 1953 | | | h. m. s. | | |
| Nov. 28 | | epP | 14.8 | c | |
| | | i | 27.6 | d | |
| | R | eP | 10.5 | | |
| | SH | eP | 24 56.6 | d | |
| | | ipP | 25 11.7 | c | |
| Nov. 28 | MH | iP | 19 40 37.3 | c | USCGS: 34½°N, 141°E, O = 19 28 53 |
| | M | eP | 27.2 | d | Honshu, Japan Aftershock. |
| | SH | iP | 24.3 | c | |
| Nov. 28 | M | e | 20 05 36 | c | |
| | SH | e | 27 | | |
| Nov. 28 | M | e | 20 30 54 | d | USCGS: 37°N, 20°E, O = 20 17 21 |
| | | e | 31 04 | c | Off West Coast of Greece. |
| Nov. 28 | M | e | 21 20 18.9 | d | |
| | | e | 35.9 | c | |
| Nov. 28 | MH | iP' | 23 30 41.9 | d | |
| | | i | 58.0 | c | |
| | F | iP' | 46.9 | c | |
| | M | eP' | 37.1 | d | |
| | | e(PP) | 33 41.4 | c | |
| | R | eP' | 30 43 | | |
| | SH | iP' | 35.1 | d | |
| Nov. 29 | M | e | 00 49 29 | c | USCGS: 44°N, 86°E, O = 00 35 40 |
| | | i | 29.6 | | Northern Sinkiang Province, China. |
| Nov. 29 | MH | e | 04 19 08.4 | d | USCGS: 34½°N, 141½°E, O = 04 07 19 |
| | | i | 29.6 | | Honshu, Japan Aftershock. |
| | M | eP | 18 52.4 | d | |
| | SH | eP | 48.4 | c | |
| Nov. 29 | MH | iP | 13 45 06.6 | c | |
| | M | e | 11.8 | c | |
| Nov. 29 | MH | e | 14 51 06.8 | c | |
| | M | e | 39.8 | c | |
| | SH | e | 35.7 | | |
| Nov. 29 | MH | eP | 18 32 51.8 | c | USCGS: Near East Coast of Honshu, |
| | | i | 33 09.0 | d | Japan. O = 18 21 07. |
| | F | eP | 03.7 | | |
| | SH | eP | 32 37.0 | c | |
| | | i | 58.6 | c | |
| Nov. 29 | C | eP | 23 51 30 | | |
| Nov. 30 | MH | eP | 05 54 58.5 | c | USCGS: Fiji Island Region. |
| | F | eP | 55 02.8 | | O = 05 42 43. |
| | M | iP | 04.4 | c | |
| | R | eP | 10.0 | | |
| | SH | e | 05.8 | | |
| Nov. 30 | M | e(P) | 13 34 29.1 | d | USCGS: 39°N, 21½°E, O = 13 21 01 |
| | | e | 12.6 | | Near West Coast of Greece. |
| Nov. 30 | B | iP | 13 55 09.0 | d | USCGS: Honshu, Japan Aftershock |
| | | eP | 25.8 | c | O = 13 43 31. |
| | | e | 56 26.3 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|------------------------------|
| 1953 | | | h. m. s. | | |
| Nov. 30 | M | iP | 55 03.6 | c | |
| | | i | 20.2 | c | |
| | | e | 41.6 | d | |
| | SH | iP | 54 59.4 | c | |
| Nov. 30 | MH | iP | 14 46 49.4 | c | |
| | M | eP | 43.3 | c | |
| | SH | eP | 41.2 | | |
| Dec. 1 | B | iP | 04 23 05.4 | d | USCGS: 52°N, 179½°E, h = 100 |
| | | i | 39.2 | c | 0 = 04 15 15. Andreanof |
| | MH | iP | 10.7 | c | Islands, Aleutian Islands. |
| | | i | 43.3 | d | |
| | | i | 24 57.8 | c | |
| | | i | 28 35.5 | c | |
| | F | iP | 23 24.0 | d | |
| | | eS | 29 44.9 | | |
| | | eN | 50.7 | | |
| | M | iP | 22 55.5 | c | |
| | | e | 23 22.8 | d | |
| | | i | 55.1 | d | |
| | | i | 24 33.4 | d | |
| | | e | 28 26.2 | | |
| | R | eP | 23 08.9 | c | |
| | | iSN | 24 24.6 | | |
| | SH | iP | 22 50.1 | c | |
| | | e | 24 25.5 | | |
| | | i | 28 28.9 | c | |
| Dec. 1 | MH | iP | 04 40 30.2 | d | |
| | | e | 47.6 | c | |
| Dec. 1 | B | iP | 05 21 07.9 | c | USCGS: 29°N, 128½°E, h = 60 |
| | | i | 22 04.4 | d | 0 = 05 08 30 |
| | BG | ePP | 24 29 | c | Ryukyu Islands. |
| | | iSNE | 31 22 | | |
| | | eE | 32 51 | | |
| | | A | T | | |
| | | PZ | 7½ 5 | | |
| | | SH | 13 10 | | |
| | MH | iPNEZ | 05 21 11.9 | cSE | |
| | | i | 22 08.4 | d | |
| | | i | 35.4 | c | |
| | | i | 24 22.6 | c | |
| | | iPP | 33.1 | d | |
| | F | eSN | 31 31 | | |
| | | iP | 21 19.0 | c | |
| | | i | 48.7 | c | |
| | | ePP | 24 45 | | |
| | | iSNE | 31 45 | | |
| | M | eP | 21 02.0 | c | |
| | | i | 03.1 | c | |
| | | iPP | 24 21.7 | d | |
| | R | iP | 21 11.3 | c | |
| | | e | 51 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|--------|---------|------------|------------------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Dec. 1 | SH | iP | 20 59.5 | d | |
| Dec. 1 | B | iP | 05 37 53.4 | d | |
| | MH | eP | 57.5 | d | |
| | M | iP | 48.6 | c | |
| | SH | iP | 44.9 | d | |
| Dec. 1 | MH | iP | 10 23 32.2 | | |
| | M | e | 18.3 | | |
| Dec. 1 | R | i | 16 16 53.6 | c | |
| | SH | i | 39.4 | c | |
| Dec. 1 | MH | iP | 20 43 04.4 | c | USCGS: Near Coast of Nicaragua |
| | F | e | 42 56 | d | 0 = 20 35 35 |
| | M | eP | 43 18 | c | |
| | SH | eP | 20 | | |
| Dec. 1 | B | iP | 21 34 02.3 | c | USCGS: 25°S, 180°, h = 500 |
| | MH | iP | 02.9 | c | 0 = 21 22 27. About 450 miles |
| | i(pP) | 35 53.3 | d | South of Fiji Islands. | |
| | F | iP | 34 07.4 | c | |
| | i(pP) | 35 58.8 | c | | |
| | M | eP | 34 11 | | |
| | e(pP) | 36 04 | | | |
| | SH | iP | 34 10.4 | c | |
| | e(pP) | 35 57 | | | |
| Dec. 2 | SH | e | 00 42 11 | | |
| Dec. 2 | M | e | 04 25 26.4 | d | |
| | SH | e | 23.4 | | |
| Dec. 2 | B | eP | 04 38 26.6 | c | USCGS: 3½°S, 141½°E, 0 = 04 24 50 |
| | BG | ePP | 42 21 | d | Northern New Guinea. |
| | e | 45 07 | | | |
| | iSKSNE | 49 00 | | | |
| | iPSNE | 51 14 | | | |
| | iN | 53 03 | | | |
| | iSSE | 56 36 | | | |
| | eRN | 05 08.5 | | | |
| | A | T | | | |
| | PPZ | 3½ 7 | | | |
| | SKSH | 11 10 | | | |
| | PSH | 10 12 | | | |
| | MAXH | 70 20 | | | |
| | MH | eP | 04 38 25.2 | d | |
| | ePP | 42 22 | | | |
| | e | 43 45 | | | |
| | F | eP | 38 32 | | |
| | M | eP | 25.9 | c | |
| | ePP | 42 24 | | | |
| | R | eP | 38 39 | c | |
| | SH | iP | 23.6 | c | |
| | ePPEZ | 42 23 | d | | |
| | eSKSE | 49 01 | | | |
| Dec. 2 | M | e | 06 21 43.4 | d | |
| Dec. 2 | SH | i | 39.9 | | |
| Dec. 2 | M | e | 06 30 42.2 | c | |
| Dec. 2 | M | eP | 07 12 01.7 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|-------|------------|---------------|---------------|------------------------------------|
| 1953 | | | h. m. s. | | |
| Dec. 2 | SH | eP | 11 57.9 | | |
| Dec. 2 | B | iP | 09 59 00.2 | c | USCGS: 33½°N, 141½°E, O = 09 47 17 |
| | MH | eP | 03.9 | d | Honshu, Japan Aftershock. |
| | F | eP | 10.4 | | |
| | M | eP | 58 53.6 | c | |
| | R | eP | 59 04.6 | d | |
| | SH | eP | 58 50.1 | | |
| Dec. 2 | B | i | 10 42 23.8 | c | USCGS: 33½°N, 141½°E, h = 60, |
| | MH | e | 20.2 | d | O = 10 30 31. Honshu, Japan |
| | M | eP | 03.7 | c | Aftershock. |
| | | i | 13.5 | c | |
| | SH | eP | 41 59.9 | | |
| | | i | 42 14.8 | c | |
| Dec. 2 | C | eP | 20 51 24 | | |
| Dec. 2 | MH | iP | 21 35 45.6 | d | |
| | F | eP | 50.8 | | |
| | M | eP | 55.3 | c | |
| | SH | eP | 54.2 | | |
| Dec. 3 | M | iP | 01 23 33.4 | d | USCGS: 2°S, 140½°E, O = 01 09 57 |
| | SH | iP | 31.5 | d | Off North Coast of New Guinea. |
| Dec. 3 | M | e | 10 52 54.4 | c | |
| Dec. 3 | MH | iP | 12 19 38.1 | d | USCGS: Off East Coast of Kamchatka |
| | F | iP | 48.8 | c | O = 12 10 10. |
| | M | iP | 23.7 | d | |
| | R | eP | 35.5 | d | |
| | SH | eP | 18.7 | c | |
| | | e | 20 32 | | |
| Dec. 3 | MH | e | 15 33 32.2 | c | |
| | M | e | 41.3 | c | |
| | SH | e | 44.1 | c | |
| Dec. 3 | M | iP | 20 02 05.6 | c | |
| Dec. 3 | M | e | 20 52 18.6 | d | |
| Dec. 4 | M | eP | 08 36 08.0 | c | USCGS: Honshu, Japan Aftershock |
| | | | 0 = 08 24 29. | | |
| Dec. 4 | BG | iPNZ | 14 57 50.4 | d | USCGS: 49½°N, 129°W, O = 14 45 46 |
| | iSEZ | 15 00 16 | | | Off Coast of Vancouver Island. |
| | iNZ | 24 | | | Pas: Magnitude 6. |
| | | A | T | | |
| | PZ | 14 | 8 | | |
| | PH | 10 | 8 | | |
| | SH | 100 | 11 | | |
| | (S)Z | 100 | 12 | | |
| | MH | iP | 14 57 58.5 | d | |
| | eSNEZ | 15 00 37.5 | | | |
| | eRNZ | 01 42 | | | |
| | F | iP | 14 58 15.1 | d | |
| | M | iP | 57 23.4 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|--------|-------|-------|------------|---------------|-----------------------------------|
| 1953 | | | h. m. s. | | |
| Dec. 4 | A | eSNE | 59 30 | | |
| | | ePN | 57 15.6 | | |
| | R | eN | 59 49 | | |
| | | eP | 57 41.3 | | |
| | | e | 58 35.6 | d | |
| | C | eNE | 15 01 13.9 | | |
| | | eP | 14 56 24 | | |
| | | e | 57 30 | | |
| | SH | iP | 59 35 | | |
| | | eSN | 59 14 | | |
| Dec. 4 | B | iP | 21 58 31.7 | c | USCGS: Fiji Islands Region. |
| | MH | iP | 32.8 | c | O = 21 46 42. |
| | F | iP | 37.4 | c | |
| | M | eP | 41.0 | c | |
| | R | iP | 45.0 | c | |
| | SH | iP | 40.9 | c | |
| Dec. 4 | B | iP | 09 52 58.6 | d | USCGS: 34°N, 141½°E, O = 09 41 17 |
| | MH | eP | 53 02.6 | d | Honshu, Japan Aftershock. |
| | F | eP | 11.9 | | |
| | M | iP | 52 53.2 | d | |
| | R | eP | 53 01.7 | d | |
| | SH | iP | 52 49.6 | d | |
| Dec. 5 | M | i | 10 08 38.0 | c | |
| Dec. 5 | B | iP | 18 51 06.0 | d | USCGS: 34°N, 141½°E, O = 18 39 25 |
| | MH | iP | 10.1 | d | Honshu, Japan Aftershock. |
| | F | eP | 18.5 | d | |
| | M | eP | 00.7 | d | |
| | R | iP | 10.7 | d | |
| | C | eP | 50 42 | | |
| | SH | iP | 57.3 | d | |
| Dec. 5 | MH | iP | 22 58 48.9 | c | |
| Dec. 6 | M | eP | 04 15 26.1 | c | USCGS: 52°N, 160½°E, O = 04 06 03 |
| | e | | 51.1 | c | Off East Coast of Kamchatka. |
| Dec. 6 | M | e | 07 46 26.1 | c | |
| Dec. 6 | MH | iP | 11 29 14.6 | c | |
| Dec. 6 | MH | eP | 21 33 10.4 | d | |
| Dec. 7 | M | e | 00 16 59.2 | d | |
| Dec. 7 | B | iP | 02 17 28.7 | d | |
| | e | | 18 07.5 | | |
| | BG | iANEZ | 11 | | |
| | B | e(PP) | 21 04 | | |
| | BG | eSNE | 27 22 | | |
| | | eBNEZ | 27.9 | | |
| | | A | T | | |
| | PZ | 16 | 8 | | |
| | PH | 6½ | 8 | | |
| | AZ | 35 | 10 | | |
| | AH | 12 | 9 | | |
| | (PP)Z | 11½ | 8 | | |
| | SH | 20 | 12 | | |
| | BZ | 40 | 15 | | |
| | BH | 65 | 10 | | |

USCGS: 22°S, 68½°W, O = 02 05 37
 Northern Chile. Heavy casualties
 and extensive property damage.
 Pas: Magnitude 7½ - 7¾.
 Phases labelled A and B are the most
 prominent phases in the P and S Groups,
 respectively.

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|---------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Dec. 7 | MH | iP | 02 17 25.0 | d | |
| | i | | 18 52.6 | d | |
| | e(S) | | 27 06.4 | | |
| | i | | 28 23 | | |
| | F | iP | 17 15.4 | c | |
| | eNE | | 27 00 | | |
| | iNE | | 42 | | |
| | M | iP | 17 34.1 | d | |
| | i | | 21 25.6 | | |
| | R | iP | 17 27.5 | d | |
| | iE | | 27 45 | | |
| | SH | iP | 17 37.3 | d | |
| Dec. 7 | MH | i | 02 48 52.6 | | |
| | M | e | 49 12 | | |
| Dec. 7 | B | iP | 14 22 52.4 | | USCGS: 39 $\frac{1}{2}$ N, 141 $\frac{1}{2}$ E, O = 14 11 32 |
| | i | | 23 06.6 | | Near East Coast of Honshu, |
| | MH | eP | 22 55.4 | c | Japan. Felt. |
| | i | | 23 07.2 | c | |
| | i | | 15.3 | d | |
| | F | eP | 05.9 | d | |
| | M | eP | 22 44.9 | c | |
| | R | eP | 56.6 | | |
| | SH | ePE | 40.7 | | |
| Dec. 7 | B | eP | 18 56 00.4 | | USCGS: 20 $\frac{1}{2}$ S, 174°W, O = 18 44 10 |
| | MH | iP | 01.5 | c | Tonga Islands. |
| | i | | 10.3 | | |
| | F | iP | 05.6 | c | |
| | R | eP | 15.9 | | |
| | SH | ePE | 10.4 | | |
| Dec. 7 | M | e | 19 21 17.5 | | USCGS: Honshu, Japan Aftershock |
| | | | O = 19 09 41. | | |
| Dec. 8 | MH | i | 00 28 57.4 | c | |
| Dec. 8 | M | e | 00 34 00.9 | c | |
| Dec. 8 | B | eP | 02 22 41.6 | d | USCGS: 29 $\frac{1}{2}$ N, 142°E, O = 02 10 47 |
| | MH | iP | 45.5 | d | Bonin Islands Region |
| | F | iP | 54.5 | c | |
| | M | iP | 33.2 | d | |
| | R | eP | 46.9 | c | |
| Dec. 8 | MH | e | 03 18 13.2 | d | |
| Dec. 8 | MH | iP | 04 36 03.5 | d | |
| | M | eP | 07.7 | d | |
| | R | eP | 14.9 | | |
| Dec. 8 | M | e | 13 48 53.0 | c | |
| Dec. 8 | MH | i | 18 45 15.3 | c | |
| | R | e | 17 | | |
| Dec. 9 | MH | iP | 04 04 37.5 | d | |
| | M | eP | 46.8 | d | |
| Dec. 9 | M | e | 04 48 39.3 | c | |
| Dec. 10 | B | eP | 01 43 14.6 | c | USCGS: 9 $\frac{1}{2}$ S, 159°E, h = 100 |
| | MH | eP | 17.4 | c | O = 01 30 36. Solomon |
| | F | eP | 22 | c | Islands. |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|--------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Dec. 10 | M | eP | 20.6 | d | |
| | R | eP | 26.9 | c | |
| | SH | ePN | 19.6 | | |
| Dec. 10 | B | iP | 13 26 20.3 | d | |
| | MH | iP | 18.8 | d | |
| | M | iP | 21.7 | d | |
| | R | e | 19.6 | | |
| Dec. 11 | M | e | 21 06 11.4 | | |
| Dec. 12 | B | iP | 05 42 22.0 | c | USCGS: Marianas Islands Region, h = 300 |
| | | ipP | 43 37.5 | c | O = 05 30 40 |
| | MH | iP | 42 25.7 | c | |
| | M | iP | 43 41.8 | d | |
| | | ipP | 42 19.8 | c | |
| | | ipP | 43 36.2 | c | |
| | M | i | 44 07.0 | d | |
| | R | iP | 42 30.3 | | |
| | SH | ePNE | 16.8 | | |
| Dec. 12 | MH | i | 08 07 54.9 | c | |
| | F | i | 08 09.6 | c | |
| | M | iP | 07 19.3 | c | |
| | | i | 35.7 | | |
| | | i | 48.2 | | |
| | R | e | 08 05 | | |
| | C | eP | 06 19 | | |
| | SH | eNE | 07 10 | | |
| Dec. 12 | B | eP | 08 31 39.1 | | USCGS: 49°N, 129 $\frac{1}{2}$ W, O = 08 28 38 |
| | BG | eSNEZ | 34.2 | | Off Coast of Vancouver Island, |
| | MH | eP | 31 48.3 | d | British Columbia. |
| | F | iP | 32 05.0 | d | |
| | M | iP | 31 14.1 | d | |
| | A | eN | 33.6 | | |
| | R | iP | 31 33.8 | | |
| | C | eP | 30 14 | | |
| | SH | IPNE | 32 39 | | |
| Dec. 12 | M | e | 09 29 53 | c | USCGS: 3 $\frac{1}{2}$ S, 81°W, O = 17 31 22 |
| Dec. 12 | B | iP | 17 41 08.4 | d | Near Coast of Peru. Several killed |
| | | i | 13.6 | d | and heavy property damage in |
| | BG | ePPNEZ | 43 36 | | Tumbes and Corrales. |
| | | eSNE | 48 58 | | Pas: Magnitude 7-3/4. |
| | | eScSNE | 50.6 | | |
| | | eR | 59.7 | | |
| | | A | T | | |
| | PZ | | 60 11 | | |
| | PH | | 35 12 | | |
| | SH | | 120 14 | | |
| | MAXH | | 300 19 | | |
| | MAXZ | | 220 22 | | |
| | MH | iP | 17 41 03.6 | d | |
| | | i | 09.7 | d | |
| | | i | 21.8 | d | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--------------------------------------|
| 1953 | | | h. m. s. | | |
| Dec. 12 | | i | 43 44.7 | d | |
| | | eSNE | 48 54 | | |
| | | eNE | 58.1 | | |
| | F | eP | 40 51.4 | | |
| | | e | 42 40.7 | | |
| | M | eP | 41 17.7 | d | |
| | | i | 43 05.8 | c | |
| | | e | 49 31 | | |
| | A | ePE | 18 00.7 | | |
| | | eSNE | 17 41 42 | | |
| | | eP | 49 40 | | |
| | R | eP | 41 06 | d | |
| | | i | 11.3 | d | |
| | C | eSNE | 48 57 | | |
| | | eP | 41 42 | | |
| | | eS | 50 00 | | |
| | SH | e | 18 00.1 | | |
| | | ePE | 17 41 20.5 | | |
| | | eNE | 43 08 | | |
| | | eSN | 49 24 | | |
| Dec. 12 | M | e | 18 27 37 | c | |
| Dec. 13 | B | iP | 07 05 41.2 | d | USCGS: 50°N, 158½°E, 0 = 06 56 00 |
| | BG | eE | 13 44 | | Off South Coast of Kamchatka. |
| | MH | iP | 05 46.3 | d | |
| | F | iP | 56.7 | d | |
| | M | iP | 32.5 | d | |
| | R | iP | 44.8 | d | |
| | SH | iPNE | 27.8 | | |
| Dec. 13 | MH | eP | 08 29 26 | | |
| | F | e | 30 | | |
| | M | e | 35 | | |
| | R | e | 39 | | |
| Dec. 13 | M | iP | 23 22 20.8 | d | |
| Dec. 14 | MH | i | 00 24 52.6 | | |
| | F | e | 52.6 | | |
| | M | e | 59.5 | | |
| Dec. 14 | MH | eP | 08 51 42.4 | | |
| | F | eP | 27.7 | | |
| | M | eP | 58.3 | | |
| | R | eP | 44.9 | | |
| Dec. 14 | M | eP | 10 50 35.1 | d | USCGS: 19°N, 122°E, 0 = 10 37 01 |
| | | | | | Off North Coast of Luzon, |
| | | | | | Phillipine Islands. Felt: Aparri. |
| Dec. 14 | M | eP | 13 53 18.2 | c | USCGS: 19½°N, 122°E, 0 = 13 39 46 |
| | | | | | Off North Coast of Luzon, Phillipine |
| | | | | | Islands. Felt: Aparri. |
| Dec. 14 | MH | iP | 21 03 26.0 | c | |
| | | | | | |
| | M | eP | 36.1 | d | |
| | SH | ePE | 37.7 | | |
| Dec. 15 | B | iP | 03 57 03.7 | d | |
| | F | eP | 15.0 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|------------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| | M | iP | 02.7 | | |
| | R | eP | 11.4 | d | |
| | SH | iPNE | 56 59.4 | | |
| Dec. 16 | MH | e | 02 59 24.4 | | |
| | F | e | 25.5 | | |
| | M | e | 29.5 | | |
| | SH | e | 24.1 | | |
| Dec. 16 | MH | eP | 04 33 57.5 | | USCGS: Felt over Approximately 3000 |
| | M | eP | 15.0 | | square miles in NW Oregon and across |
| | C | iP | 32 12 | | the Columbia River at a few localities |
| | SH | eP | 33 13.0 | | in Washington. |
| Dec. 16 | MH | iP | 06 25 05.1 | | |
| | M | e | 18 | | |
| Dec. 16 | MH | e | 08 55 54.3 | c | |
| | M | e | 54 42.2 | c | |
| | SH | e | 39.3 | | |
| Dec. 16 | C | eP | 10 36 00 | | |
| Dec. 17 | MH | iP | 23 01 48.4 | c | |
| | M | eP | 02 05.2 | d | |
| | R | eP | 01 53.3 | | |
| Dec. 18 | M | e | 05 36 22.9 | c | |
| Dec. 18 | M | e | 07 39 08.6 | c | |
| Dec. 18 | MH | eP | 07 53 40.7 | c | |
| | M | eP | 15.2 | d | |
| | R | eP | 28.1 | | |
| Dec. 18 | M | i | 08 17 00.1 | d | |
| Dec. 18 | MH | eP | 08 25 39.4 | d | |
| | F | eP | 41.4 | | |
| | M | eP | 26 52 | | |
| | SH | eP | 25 49.5 | d | |
| | | | 49.1 | c | |
| Dec. 18 | M | e | 08 13 03.3 | d | |
| Dec. 18 | MH | iP | 11 50 06.1 | d | |
| | M | eP | 18.3 | d | |
| | SH | eP | 18.7 | d | |
| Dec. 18 | B | i | 18 56 12.8 | c | |
| | e | 19 00 01.8 | | | |
| Dec. 18 | MH | e | 20 25 47 | | |
| Dec. 19 | MH | eP | 13 43 03.5 | | |
| | R | e | 07 | | |
| Dec. 19 | B | eP | 23 46 54 | | USCGS: Kermadec Islands |
| | MH | eP | 54 | c | 0 = 23 34 14. |
| | F | eP | 57 | | |
| | M | eP | 47 04 | c | |
| | SH | iP | 03 | c | |
| Dec. 20 | B | iP | 00 32 28.1 | | USCGS: 39½°N, 136½°E, h = 300 |
| | MH | iP | 32.2 | c | 0 = 00 21 19. Sea of Japan. |
| | e | 35 22 | c | | |
| | F | iP | 32 40.5 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|--|
| 1953 | | | h. m. s. | | |
| Dec. 20 | M | iP | 21.2 | c | |
| | R | e | 33 18 | c | |
| | R | iP | 32 31 | c | |
| | SH | iP | 17.6 | c | |
| Dec. 20 | MH | e | 04 19 54 | | USCGS: 24°S, 176°E, O = 05 16 40 South of Fiji Islands. |
| Dec. 20 | MH | eP | 05 29 26 | | USCGS: Central Chile, O = 09 19 40 Slight damage at Illapel. |
| Dec. 20 | B | eP | 09 32 15.8 | | |
| | BG | eSN | 42 42 | | |
| | MH | iP | 32 19.9 | | |
| | F | eP | 05.8 | | |
| | M | eP | 23.9 | | |
| | R | eP | 16.8 | | |
| | SH | iP | 25.4 | | |
| Dec. 20 | B | iP | 21 31 55.4 | c | USCGS: 34½°N, 140½°E, O = 21 20 14 Near South Coast of Honshu |
| | | i | 33 52.0 | c | Japan. |
| | MH | iP | 31 59.4 | c | |
| | F | iP | 32 07.9 | c | |
| | | e | 34 03.6 | c | |
| | M | iP | 31 50.1 | c | |
| | R | iP | 32 00.3 | c | |
| Dec. 21 | MH | e | 01 56 42 | | USCGS: 38½°N, 75°E, O = 01 41 56 Tadzhik S.S.R. - China Border. |
| Dec. 21 | B | iP | 17 47 25.3 | | USCGS: 42°N, 141½°E, O = 17 36 12 Near South Coast of Hokkaido, |
| | | e | 41 | | Japan. |
| | MH | eP | 49 15 | | |
| | | e | 47 29 | | |
| | F | eP | 46 | | |
| | | i | 38 | | |
| | M | iP | 55 | | |
| | R | eP | 18.3 | | |
| | | e | 28 | | |
| | SH | iP | 44 | | |
| | | i | 12.9 | | |
| Dec. 22 | MH | iP | 31.9 | | |
| | R | e(P) | 08 15 10.0 | | |
| | SH | i(P) | 06.1 | | |
| | | i | 14 49.3 | | |
| | | i | 15 12.1 | | |
| Dec. 22 | SH | e | 11 27 25 | | USCGS: Near East Coast of Honshu, Japan. Felt: Tokyo. O = 11 15 55. |
| Dec. 22 | MH | i | 14 45 30.9 | d | |
| | M | e | 23.8 | d | |
| Dec. 22 | SH | e | 18 59 06 | | USCGS: 16°N, 119°E, O = 18 45 18. Near West Coast of Luzon, P.I. |
| Dec. 22 | SH | e | 19 39 08 | | |
| Dec. 22 | B | iP | 21 08 23.5 | | |
| | MH | iP | 24.0 | | |
| | F | eP | 28.1 | | |
| | M | iP | 33.1 | | |
| | R | eP | 36.6 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Dec. 22 | SH | iP | 31.4 | | |
| Dec. 23 | MH | eP | 00 52 41 | | |
| | M | eP | 51 | | |
| | R | iP | 57 | | |
| Dec. 23 | MH | eP | 04 54 54.1 | c | USCGS: 1°N, 77°W, O = 04 45 23 Southwestern Columbia. Many |
| | M | eP | 55 04.1 | c | injured and extensive property |
| | | e | 57.6 | | damage in Narino State Columbia. |
| | R | eP | 55.8 | | |
| Dec. 23 | MH | e | 16 32 17 | | USCGS: 47½°N, 157½°E, O = 18 30 30 |
| Dec. 23 | B | iP | 18 40 22.5 | | Kurile Islands Region. |
| | MH | iP | 27.2 | | |
| | F | eP | 37 | | |
| | M | iP | 14.1 | | |
| | SH | iP | 09.5 | | |
| Dec. 23 | MH | e | 19 11 11 | | |
| | M | e | 57 | | |
| Dec. 23 | M | e | 20 39 20.5 | | USCGS: 51½°N, 159½°E, O = 02 33 39 |
| Dec. 24 | B | eP | 02 43 11.2 | | Near East Coast of Kamchatka. |
| | BG | eSNE | 50 56 | | |
| | MH | eP | 43 14.2 | | |
| | F | e | 44 18 | | |
| | | eP | 43 26 | | |
| | M | eP | 44 36 | | |
| | R | eP | 43 01.8 | | |
| | | e | 12.5 | | |
| Dec. 24 | MH | e | 04 11 44 | | USCGS: 52°N, 159°E, O = 23 21 09 |
| Dec. 24 | B | iP | 23 30 46.3 | c | Off East Coast of Kamchatka. |
| | MH | iP | 51 | c | |
| | F | eP | 31 01 | c | Pas: Magnitude 5-3/4 - 6. |
| | | e | 29 | | |
| | M | iP | 32 22 | | |
| | R | eP | 30 38 | c | |
| | C | eP | 31 23 | c | |
| | | e | 30 50 | c | |
| Dec. 25 | B | iP | 02 01 01 | c | USCGS: 52°N, 159°E, O = 01 51 26 |
| | BG | eSNE | 08 32 | | Off East Coast of Kamchatka. |
| | | eN | 56 | | |
| | | eScSN | 10 44 | | |
| | | eN | 12 42 | | |
| | | eN | 13.8 | | |
| | | eREZ | 17.0 | | |
| | | A | T | | |
| | | PZ | 6 | | |
| | | SH | 7 | | |
| | | | 150 22 | | |
| | MH | iP | 02 01 05.9 | c | |
| | | i | 30.7 | | |
| | | i | 03 13.1 | | |
| | F | eP | 01 13 | | |
| | M | eP | 00 47.7 | c | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Dec. 25 | R | i | 01 15.6 | | |
| | | eP | 01.7 | | |
| | C | eP | 00 26 | | |
| | | eS | 07 14 | | |
| | | eL | 12.4 | | |
| | SH | eP | 00 41 | | |
| | | eSE | 08 08 | | |
| Dec. 25 | MH | iP | 02 29 11.0 | c | USCGS: $17\frac{1}{2}^{\circ}$ N, 62° W, O = 02 19 30 |
| | M | eP | 10.7 | c | Leeward Islands |
| Dec. 25 | MH | eP | 02 35 09.7 | c | USCGS: Leeward Islands Aftershock. |
| | M | eP | 09.6 | c | O = 02 25 29. |
| Dec. 25 | MH | iP | 02 45 17.5 | | USCGS: Southern Peru. O = 02 34 03 |
| | M | eP | 27.4 | | |
| Dec. 25 | MH | iP | 06 55 29.2 | | USCGS: Southern Peru. O = 06 44 05 |
| | M | eP | 40.5 | | |
| | R | eP | 31.2 | | |
| Dec. 25 | B | eP | 16 24 49.2 | | USCGS: $34\frac{1}{2}^{\circ}$ N, 141° E, O = 16 13 09 |
| | MH | eP | 56.6 | | Off Coast of Honshu, Japan. |
| | F | eP | 25 03.7 | | |
| | R | eP | 24 55.0 | | |
| | SH | eP | 41.1 | | |
| Dec. 26 | B | e | 01 56 09.2 | | |
| | MH | e | 55 57.4 | | |
| | | e | 56 08.0 | | |
| | M | e | 25.1 | | |
| | R | e | 25.4 | | |
| Dec. 26 | M | e | 05 35 27.3 | | |
| Dec. 26 | MH | e | 10 14 49.3 | | USCGS: Near East Coast of Kamchatka. |
| | M | e | 41.6 | | O = 10 05 20. |
| Dec. 26 | B | e(P) | 13 22 08.3 | | USCGS: $51\frac{1}{2}^{\circ}$ N, 160° E, O = 13 12 35 |
| | MH | i(P) | 14.5 | c | Off East Coast of Kamchatka. |
| | | i | 23 00.5 | d | |
| | F | e(P) | 22 22 | d | |
| | M | iP | 21 57.1 | d | |
| | | i | 22 40.0 | c | |
| | R | e(P) | 10 | | |
| | SH | iP | 21 52.9 | c | |
| | | e | 22 42.1 | | |
| Dec. 26 | M | eP | 18 23 15 | c | USCGS: Off Southeast Coast of |
| | | | | | Kamchatka. O = 18 13 43. |
| Dec. 27 | M | e | 11 30 27 | d | |
| | R | e | 37 | d | |
| | SH | e | 19 | | |
| Dec. 27 | B | iP | 23 38 17.4 | c | |
| | MH | iP | 17.9 | d | |
| | F | iP | 22.7 | d | |
| | M | iP | 27.9 | c | |
| | R | iP | 32.0 | d | |
| | SH | iP | 26.2 | d | |
| Dec. 30 | MH | iP | 02 35 02.5 | d | USCGS: 18° S, 174° W, O = 02 23 20 |
| | M | eP | 11.9 | d | Tonga Islands |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|---|
| 1953 | | | h. m. s. | | |
| Dec. 30 | MH | eP | 08 30 24.0 | d | |
| | F | eP | 45.3 | c | |
| | M | eP | 30 | | |
| | | i | 35 | c | |
| | R | eP | 58.2 | c | |
| | SH | eP | 40 | | |
| | | | 33 | | |
| Dec. 30 | MH | iP | 16 17 49.9 | | USCGS: 50° N, 161° E, O = 16 08 09 |
| | F | eP | 18 01 | | Off Southeastern Coast of Kamchatka |
| | M | e | 45.5 | | |
| | R | eP | 17 | | |
| | SH | eP | 46 | | |
| | | | 30 | | |
| Dec. 30 | MH | e(P) | 18 24 10 | | |
| | F | e(P) | 26 | | |
| | M | e(P) | 23 35 | | |
| | R | e(P) | 58 | | |
| | SH | e(P) | 27 | | |
| Dec. 31 | B | eP | 09 31 48 | | USCGS: 23° S, $172\frac{1}{2}^{\circ}$ E, O = 09 19 01 |
| | MH | eP | 48 | | Loyalty Islands Region. |
| | F | eP | 53 | | |
| | M | eP | 55 | | |
| | R | eP | 59 | | |
| | SH | eP | 54 | | |

| Date | Sta. | Phase | Time (GCT) | Ground Motion | Remarks |
|---------|------|-------|------------|---------------|-------------------------------------|
| 1953 | | | h. m. s. | | |
| Dec. 30 | MH | eP | 08 30 24.0 | d | |
| | | i | 45.3 | c | |
| | F | eP | 30 | | |
| | M | eP | 35 | c | |
| | | i | 58.2 | c | |
| | R | eP | 40 | | |
| | SH | eP | 33 | | |
| Dec. 30 | MH | iP | 16 17 49.9 | | USCGS: 50°N, 161°E, O = 16 08 09 |
| | F | eP | 18 01 | | Off Southeastern Coast of Kamchatka |
| | M | e | 17 45.5 | | |
| | R | eP | 46 | | |
| | SH | eP | 30 | | |
| Dec. 30 | MH | e(P) | 18 24 10 | | |
| | F | e(P) | 26 | | |
| | M | e(P) | 23 35 | | |
| | R | e(P) | 58 | | |
| | SH | e(P) | 27 | | |
| Dec. 31 | B | eP | 09 31 48 | | USCGS: 23°S, 172½°E, O = 09 19 01 |
| | MH | eP | 48 | | Loyalty Islands Region. |
| | F | eP | 53 | | |
| | M | eP | 55 | | |
| | R | eP | 59 | | |
| | SH | eP | 54 | | |