Bulletin of the Seismographic Stations

Volume 25, No. 1, pp. 1–40

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

Earthquakes and the Registration of Earthquakes

From January 1, 1955, to March 31, 1955

BY
W. G. MILNE

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES
1957

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

JANUARY 1, 1955 to MARCH 31, 1955

VOLUME 25 NUMBER 1

By W. G. Milne

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UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

1957

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

CALIFORNIA

CAMBRIDGE UNIVERSITY PRESS

LONDON, ENGLAND

Issued March 18, 1957

Price, 75 Cents

MADE IN THE UNITED STATES OF AMERICA

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

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. Sand and mud ejected in small amounts.

IX Damage considerable in specially designed structures, great in substantial buildings with partial collapse. Ground cracked conspicuously.

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
1	Jan. 1	12-13-54	5.1	39°	118°	-	Fairview Peak, Nev.
2	2	02-49-21	4.0	40° 57'	124° 00'	c	Northeast of Arcata. IV at Blue Lake and Eureka.
3	2	07-14-36	3.0	41° 11'	124° 11'	c	North of Arcata. Felt.
	2	21-43-36	3.7	39°	118°	-	Fairview Peak, Nev.
1	2	22-07-00	4.2	39°	118°	-	Fairview Peak, Nev.
1	5	08-20-40	4.2	39°	118°	-	Fairview Peak, Nev.
4	6	01-03-12	1.2	37° 40'	122° 23'	a	South of San Francisco. Blast?
	6	08-32-32	3.7	39°	118°	-	Fairview Peak, Nev.
	7	04-56-10	3.9	39°	118°	-	Fairview Peak, Nev.
1	7	07-41-14	4.1	39°	118°	-	Fairview Peak, Nev.
1	7	08-00-41	4.2	39°	118°	-	Fairview Peak, Nev.
5	7	19-52-20	1.8	38° 04'	122° 28'	a	18 miles northwest of Berkeley.
1	8	08-43-17	3.6	39°	118°	-	Fairview Peak, Nev.
6	8	11-45-34	3.0	40.9°	124.4°	d	West of Arcata.
1	8	18-09-50	4.0	39°	118°	-	Fairview Peak, Nev.
1	8	22-32-53	4.2	39°	118°	-	Fairview Peak, Nev.
7	9	06-57-48	2.8	36° 45'	121° 45'	a	19 miles southwest of Hollister.
1	9	09-10-50	5.0	39°	118°	-	Fairview Peak, Nev.
1	9	11-58-40	4.2	39°	118°	c	Fairview Peak, Nev.
8	10	06-47-48	2.6	40.9°	124.4°	d	West of Arcata.
9	10	11-23-05	2.6	37° 58'	122° 17'	b	North of Berkeley. Felt at Orinda, Albany, and Richmond IV.
10	10	13-15-54	4.1	39.9°	118.4°	d	Southeast of Lovelock, Nev. VI at Battle Mountain.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
11	Jan. 11	02-15-18	3.0	38° 02'	121° 48'	b	25 miles northeast of Berkeley Felt at Niles.
1	11	10-21-40	4.7	39°	118°	-	Fairview Peak, Nev.
4	12	01-15-17	1.8	37° 40'	122° 25'	b	South of San Francisco. Blast?
1	12	03-21-25	4.0	39°	118°	-	Fairview Peak, Nev.
	12	11-00-09	3.7	39°	118°	-	Fairview Peak, Nev.
1	12	11-57-37	4.1	39°	118°	-	Fairview Peak, Nev.
12	12	15-45-08	3.3	41.1°	123.9°	d	Northeast of Arcata.
13	13	01-30-30	2.1	37° 08'	121° 37'	c	South of Mt. Hamilton.
	14	00-45-50	3.9	39°	118°	-	Fairview Peak, Nev.
	14	02-57-04	3.9	39°	118°	-	Fairview Peak, Nev.
	14	12-21-11	3.8	39°	118°	-	Fairview Peak, Nev.
14	15	08-17-59	3.9	38.4°	118.9°	b	Southeast of Reno, Nev.
1	15	20-47-02	4.2	39°	118°	-	Fairview Peak, Nev.
	19	01-48-54	3.9	39°	118°	-	Fairview Peak, Nev.
1	19	01-53-48	4.1	39°	118°	-	Fairview Peak, Nev.
1	19	02-10-10	4.6	39° 21'	118° 15'	c	Fairview Peak, Nev.
1	19	03-29-21	4.4	39°	118°	-	Fairview Peak, Nev.
4	21	03-05-18	1.2	37° 41'	122° 22'	b	South of San Francisco. Blast?
15	21	05-26-23	2.7	36.8	121.3	c	10 miles southeast of Hollister.
16	21	11-57-47	3.8	37° 09'	118° 20'	b	Near Big Pine (Pasadena location). IV at Tinemaha Reservoir.
16	21	12-20-59	4.0	37° 09'	118° 20'	b	Near Big Pine (Pasadena location). IV at Tinemaha.
17	21	19-56-26	2.6	36.6°	121.4°	c	South of Hollister.
	21	23-23-36	3.8	39°	118°	-	Fairview Peak, Nev.
1	22	19-34-19	4.1	39°	118°	c	Fairview Peak, Nev.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
	Jan. 23	13-21-55	3.9	39°	118°	-	Fairview Peak, Nev.
	23	15-37-32	3.9	39°	118°	-	Fairview Peak, Nev.
4	24	21-04-37	1.6	37° 41'	122° 24'	b	South of San Francisco. Blast?
	25	04-48-34	3.8	39°	118°	-	Fairview Peak, Nev.
1	25	23-26-46	4.7	39°	118°	-	Fairview Peak, Nev.
1	26	09-40-21	4.1	39°	118°	-	Fairview Peak, Nev.
18	26	16-41-37	3.1	37° 14'	121° 30'	a	South of Mt. Hamilton. 10 km. depth.
19	26	17-22-41	3.7	37° 11'	121° 36'	a	Southwest of Mt. Hamilton. 10 km. depth.
20	27	03-38-54	2.3	37° 11'	121° 31'	a	South of Mt. Hamilton. 10 km. depth.
1	27	09-04-22	3.8	39.1°	118° 04'	c	Fairview Peak, Nev. V at Gabbs.
21	27	14-28-28	1.9	37° 58'	121° 59'	a	Northeast of Berkeley.
1	28	15-38-05	4.2	39.8°	118.0°	c	Fairview Peak, Nev.
22	31	10-34-38	2.3	37° 17'	122° 46'	b	Southwest of Mt. Hamilton.
4	Feb. 3	00-58-18	1.3	37° 40'	122° 23'	a	South of San Francisco. Blast?
23	3	18-30-31	3.8	39° 12'	118° 32'	b	Fallon, Nev.
24	4	13-23-29	3.2	37° 58'	122° 01'	a	15 miles northeast of Berkeley. IV at Canyon.
24	4	13-45-10	2.4	37° 58'	122° 01'	b	Aftershock of preceding.
25	4	19-55-02	3.2	37° 58'	122° 01'	a	15 miles northeast of Berkeley. Felt in Dimond District of Oakland.
26	5	07-10-19	3.3	35.6°	121.4°	c	West of San Simeon.
27	5	15-32-58	2.5	37° 25'	122° 17'	a	West of Palo Alto. Blast?
1	7	02-30-43	3.6	39° 03'	118° 03'	c	Fairview Peak, Nev.
28	7	13-49-00	4.3	40° 17'	124° 32'	b	25 miles southwest of Ferndale. IV nine miles north of Garberville.
4	7	23-04-39	1.1	37° 41'	122° 22'	a	South of San Francisco. Blast?
	9	11-11-22	3.7	39° 06'	118° 08'	b	Fairview Peak, Nev.
	10	19-44-08	3.7	39° 02'	118° 11'	b	Fairview Peak, Nev.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
1	Feb. 11	16-12-32	4.7	39° 28'	118° 06'	b	Fairview Peak, Nev.
29	12	23-50-41	3.4	40° 16'	124° 40'	b	West of Arcata.
30	13	00-23-03	4.1	36° 58'	118° 14'	b	South of Tinemaha (Pasadena epicenter).
1	14	09-40-24	3.7	38° 54'	118° 11'	b	Fairview Peak, Nev.
31	14	14-23-06	2.9	37° 28'	121° 56'	c	Northeast of Mt. Hamilton. Felt in parts of San Francisco Bay area.
4	14	18-32-08	1.2	37° 41'	122° 23'	a	South of San Francisco. Blast?
32	14	20-24-05	2.0	37° 43'	122° 32'	b	West of San Francisco.
1	16	00-46-40	4.1	39° 07'	118° 02'	b	Fairview Peak, Nev.
33	16	17-24-38	3.2	36° 32'	121° 22'	b	Southeast of Hollister.
1	17	01-36-20	3.8	39° 10'	118° 01'	b	Fairview Peak, Nev.
4	18	21-22-38	1.4	37° 40'	122° 23'	b	South of San Francisco. Blast?
34	19	06-11-33	3.6	39° 28'	120° 16'	c	Northwest of Truckee. II at Norden and Donner Summit.
1	19	23-49-20	4.1	39.3°	117.8°	c	Fairview Peak, Nev.
1	19	23-50-07	4.8	39.3°	117.8°	c	Fairview Peak, Nev.
	20	19-31-59	3.8	39° 02'	118° 02'	b	Fairview Peak, Nev.
4	21	18-37-27	1.4	37° 40'	122° 22'	a	South of San Francisco. Blast?
	22	05-40-17	3.8	39° 03'	118° 10'	c	Fairview Peak, Nev.
	23	14-11-16	3.6	39.7°	118.1°	d	Fairview Peak, Nev.
35	24	19-36-15	2.7	38° 24'	122° 07'	c	49 miles north of Berkeley.
36	24	20-06-28	1.4	37° 58'	122° 35'	a	Northwest of Berkeley.
37	24	23-45-39	2.3	37° 58'	122° 16'	b	North of Berkeley. Felt in Albany.
38	25	00-50-05	2.8	38.4°	122.6°	c	East of Santa Rosa.
39	25	01-44-27	3.3	38° 25'	122° 08'	a	East of Santa Rosa.
40	25	12-56-20	2.5	37.0°	121.9°	c	Northeast of Santa Cruz.
41	27	03-17-51	2.9	36° 15'	120° 50'	c	East of King City. IV at Priest Valley.
4	28	20-48-04	1.4	37° 41'	122° 22'	a	South of San Francisco. Blast?

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
42	Mar. 2	06-04-43	3.7	36° 52'	121° 39'	b	West of Hollister. V at Gilroy.
43	2	15-59-01	4.8	36° 00'	120° 56'	b	18 miles southeast of King City. Felt over an area of 7,000 square miles of west central California. VI at Adelaide, Bryson, Indian Valley, San Ardo, San Lucas, and Templeton.
43	2	20-02-53	3.7	36° 00'	120° 56'	b	Aftershock of preceding.
4	2	23-34-53	1.8	37° 41'	122° 23'	b	South of San Francisco. Blast?
4	3	23-17-12	1.3	37° 41'	122° 23'	a	South of San Francisco. Blast?
44	5	08-05-27	3.1	41.0°	124.0°	d	North of Arcata. Felt in Humboldt Bay area.
45	5	08-46-36	2.0	36.1°	121.1°	d	South of King City.
46	5	23-58-27	2.4	38° 00'	122° 29'	b	Northwest of Berkeley.
47	6	10-47-32	3.2	35° 55'	120° 54'	d	Southeast of King City.
48	7	13-20-51	2.6	37° 15'	121° 34'	c	Southeast of Mt. Hamilton.
4	7	23-01-50	1.2	37° 41'	122° 23'	b	South of San Francisco. Blast?
49	7	23-53-05	3.5	40° 39'	124° 15'	b	Southwest of Arcata.
23	8	20-05-17	4.5	39° 12'	118° 33'	c	Fallon, Nev.
1	8	23-28-04	4.2	39° 39'	118° 00'	b	Fairview Peak, Nev.
50	10	05-09-23	3.6	38° 33'	119° 45'	b	Southwest of Markleeville.
51	10	10-50-12	3.6	40° 36'	125° 12'	b	West of Arcata.
4	10	23-14-18	1.4	37° 40'	122° 22'	b	South of San Francisco. Blast?
1	11	14-22-35 14-23-16	-) 4.5)	39.3°	118.1°	d	Fairview Peak, Nev.
52	11	17-26-42	3.5	41.0°	125.5°	d	West of Arcata.
53	11	18-26-45	2.5	37° 59'	122° 18'	b	North of Berkeley.
4	11	23-03-18	1.1	37° 40'	122° 24'	b	South of San Francisco. Blast?
1	13	08-41-04	4.6	39° 34'	118° 03'	b	Fairview Peak, Nev.
1	13	21-08-27	4.0	39° 10'	118° 07'	b	Fairview Peak, Nev.
1	14	18-23-47	4.7	39° 25'	118° 15'	c	Fairview Peak, Nev.
4	14	18-34-12	1.5	37° 40'	122° 22'	b	South of San Francisco. Blast?

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
54	Mar 14	23-08-59	1.7	37° 46'	122° 02'	a	Southeast of Berkeley.
4	15	18-59-29	1.4	37° 40'	122° 25'	b	South of San Francisco. Blast?
4	16	22-42-31	1.2	37° 40'	122° 23'	b	South of San Francisco. Blast?
4	18	18-30-52	1.6	37° 39'	122° 24'	a	South of San Francisco. Blast?
4	18	22-45-54	1.2	37° 40'	122° 23'	d	South of San Francisco. Blast?
4	21	18-46-49	1.4	37° 40'	122° 23'	c	South of San Francisco. Blast?
4	21	23-20-25	1.4	37° 40'	122° 23'	c	South of San Francisco. Blast?
1	22	03-15-40	4.4	39° 33'	118° 01'	b	Fairview Peak, Nev.
1	22	04-06-14	4.4	39° 30'	118° 12'	c	Fairview Peak, Nev.
1	25	19-54-39	3.8	39° 07'	118° 16'	b	Fairview Peak, Nev.
1	26	03-51-28	4.2	39° 20'	118° 00'	b	Fairview Peak, Nev.
4	28	19-24-47	1.3	37° 40'	122° 23'	b	South of San Francisco. Blast?
55	29	00-47-29	2.0	37° 13'	122° 14'	c	South of Palo Alto. Blast?
56	29	06-09-05	3.3	37.3°	118.5°	d	Southwest of Bishop.
1	30	09-24-28	4.3	39° 06'	118° 10'	c	Fairview Peak, Nev.

Aftershocks of the 1954 Nevada Earthquakes

The following list is a continuation of the lists in preceding bulletins giving the larger aftershocks of the large Nevada earthquakes of July 6 and August 24, 1954, G.C.T., and the major Nevada earthquakes of December 16, 1954, G.C.T. The list is probably nearly complete for shocks of magnitude above 4, and includes some of lower magnitude.

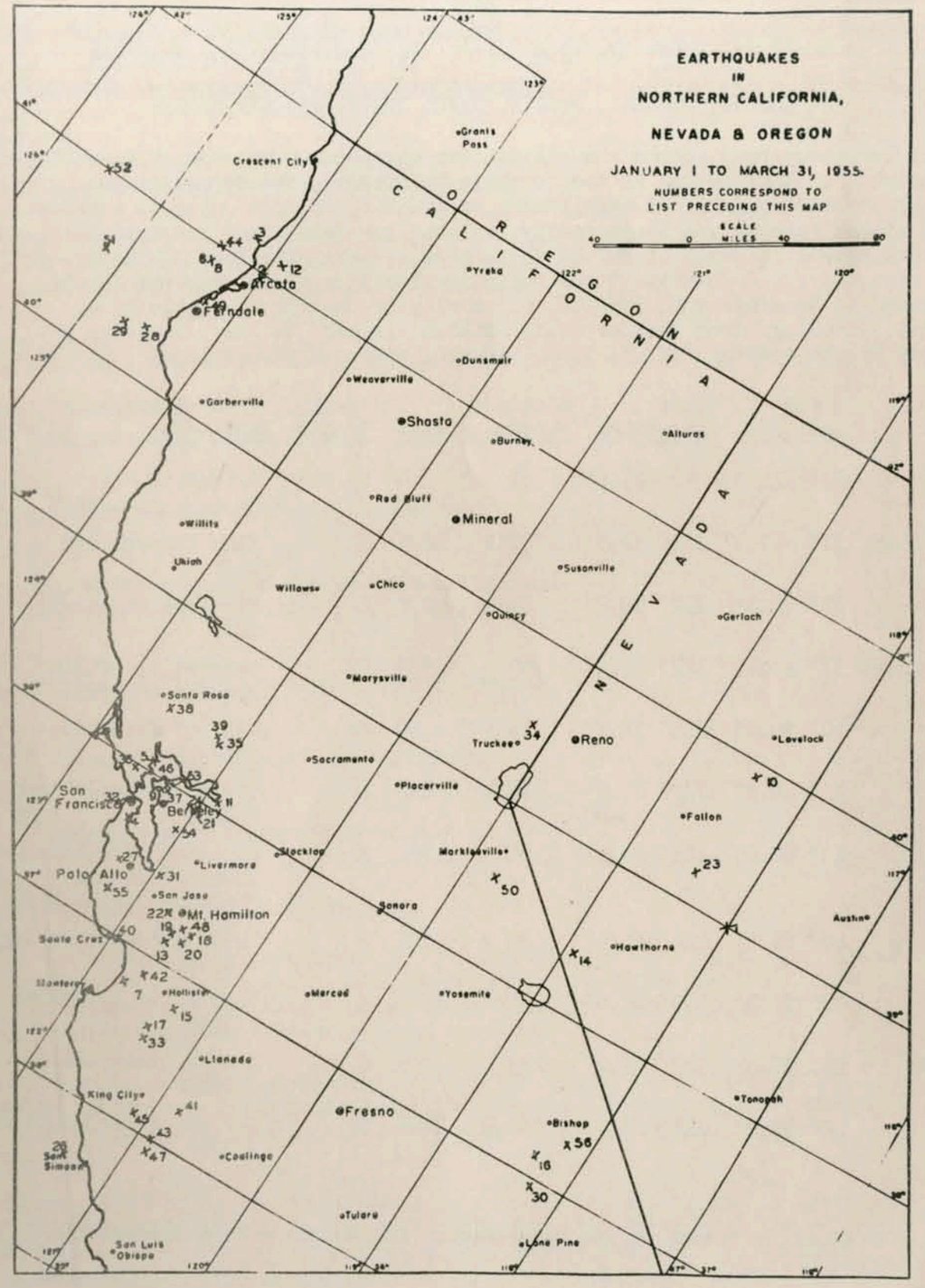
Coordinates of the original earthquakes are as follows:

Date 1954	Origin Time (G.C.T.)	Latitude North	Longitude West	Magnitude
July 6	11-13-20	39° 25'	118° 32'	6.8
Aug. 24	05-51-32	39° 35'	118° 27'	6.8
Dec. 16	11-07-13	39° 19'	118° 12'	7.2
Dec. 16	11-11-28	Epicenter about 30 miles north of preceding.		7.1

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
Jan. 1	12-13-54	5.1	39°	118°	-	
2	21-43-36	3.7	39°	118°	-	
2	22-07-00	4.2	39°	118°	-	
5	08-20-40	4.2	39°	118°	-	
7	04-56-10	3.9	39°	118°	-	
7	07-41-14	4.1	39°	118°	-	
7	08-00-41	4.2	39°	118°	-	
8	08-43-17	3.6	39°	118°	-	
8	18-09-50	4.0	39°	118°	-	
8	22-32-53	4.2	39°	118°	-	
9	09-10-50	5.0	39°	118°	-	
9	11-58-40	4.2	39°	118°	-	

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
Jan. 11	10-21-40	4.7	39°	118°	-	
12	03-21-25	4.0	39°	118°	-	
12	11-00-09	3.7	39°	118°	-	
12	11-57-37	4.1	39°	118°	-	
14	00-45-50	3.9	39°	118°	-	
14	02-57-04	3.9	39°	118°	-	
14	12-21-11	3.8	39°	118	-	
15	08-17-59	3.9	38.4°	118.9°	b	
15	20-47-02	4.2	39°	118°	-	
19	01-48-54	3.9	39°	118°	-	
19	01-53-48	4.1	39°	118°	-	
19	02-10-10	4.6	39° 21'	118° 15'	c	
19	03-29-21	4.4	39°	118°	-	
21	23-23-36	3.8	39°	118°	-	
22	19-34-19	4.1	39°	118°	-	
23	13-21-55	3.9	39°	118°	-	
23	15-37-32	3.9	39°	118°	-	
25	04-48-34	3.8	39°	118°	-	
25	23-26-46	4.7	39°	118°	-	
26	09-40-21	4.1	39°	118°	-	
27	09-04-22	3.8	39.1°	118° 04'	c	
28	15-38-05	4.2	39.8°	118.0°	c	
Feb. 3	18-30-31	3.8	39° 12'	118° 32'	b	Near Fallon.
7	02-30-43	3.6	39° 03'	118° 03'	c	
9	11-11-22	3.7	39° 06'	118° 08'	b	
10	19-44-08	3.7	39° 02'	118° 11'	b	

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
Feb. 11	16-12-32	4.7	39° 28'	118° 06'	b	
14	09-40-24	3.7	38° 54'	118° 11'	b	
16	00-46-40	4.1	39° 07'	118° 02'	c	
17	01-36-20	3.8	39° 10'	118° 01'	b	
19	23-49-20	4.1	39.3°	117.8°	c	
19	23-50-07	4.8	39.3°	117.8°	c	
20	19-31-59	3.8	39° 02'	118° 02'	b	
22	05-40-17	3.8	39° 03'	118° 10'	c	
23	14-11-16	3.6	39.7°	118.1°	d	
Mar. 8	20-05-17	4.5	39° 12'	118° 33'	c	Fallon area.
8	23-28-04	4.2	39° 39'	118° 00'	b	
11	14-22-35) 14-23-16)	4.5	39.3°	118.1°	d	
13	08-41-04	4.6	39° 34'	118° 03'	b	
13	21-08-27	4.0	39° 10'	118° 07'	b	
14	18-23-47	4.7	39° 25'	118° 15'	c	
22	03-15-40	4.4	39° 33'	118° 01'	b	
22	04-06-14	4.4	39° 30'	118° 12'	c	
25	19-54-39	3.8	39° 07'	118° 16'	b	
26	03-51-28	4.2	39° 20'	118° 00'	b	
30	09-24-28	4.3	39° 06'	118° 10'	c	



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
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'	1195	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
1955			h. m. s.		
Jan 1	MH	iPZ	10 45 20		USCGS: 28½°N 44°W
	M	iPZ	10 45 13		0 = 10 34 41
	R	ePZ	10 45 06		North Atlantic Ocean.
	SH	iPZ	10 45 32		
Jan 1	MH	ePZ	11 00 11		USCGS: 28½°N 44°W
	M	iPZ	11 00 04		0 = 10 49 32
	R	ePZ	10 59 55		North Atlantic Ocean.
	SH	iPZ	11 00 07		
Jan 1	B	iPZ	12 14 49.4		Nevada aftershock.
	MH	iPZ	12 14 47.4		39°N 118°W
	PA	ePZ	12 14 51		0 = 12 13 54 M = 5.1
	SF	eE	12 15 02.1		
	R	iPZ	12 14 21.8		
	M	iPZ	12 14 44.1		
	SH	ePZ	12 14 53.4		
	F	ePZ	12 14 39.4		
Jan 1	M	ePZ	18 10 51		USCGS: 51°N 178½°W
	SH	ePZ	18 10 44		0 = 18 03 08
					Andreanof Islands, Aleutian Islands.
Jan 1	MH	iPZ	18 45 21		USCGS: 51½°N 178½°W
	M	ePZ	18 45 16		0 = 18 37 41 d = 60 Km
	SH	ePZ	18 45 10		Andreanof Islands, Aleutian Islands.
Jan 2	SH	iPZ	02 49 44.7		40°57'N 124°00'W
	A	iNE	02 49 22.4		0 = 02 49 21 M = 4.0
	Fe	iN	02 49 38.0		Northeast of Arcata. Aftershock
	R	ePZ	02 50 28.7		of December 21, 1954.
	M	iPZ	02 49 53.5		
	MH	iPZ	02 50 25.8		
Jan 2	SH	iPZ	07 15 01.2		41°11'N 124°11'W
	A	iN	07 14 42.6		0 = 07 14 36 M = 3.0
	R	eZ	07 15 15.0		North of Arcata. Aftershock
	M	iPZ	07 15 10.7		of December 21, 1954.
	MH	iPZ	07 15 42.3		
Jan 2	M	iPZ	07 33 21		BCIS: 20¼°S 177¼°W
					0 = 07 21 54 d = 400 Km
					Fiji Islands.
Jan 2	B	ePZ	21 44 43.6		Nevada aftershock
	MH	ePZ	21 44 39.0		0 = 21 43 36 M = 3.7
	F	ePZ	21 44 30.8		
	R	iZ	21 44 02.1		
	M	iPZ	21 44 28.8		
Jan 2	B	iPZ	22 08 08.6		Nevada aftershock.
	MH	iPZ	22 07 58.4		0 = 22 07 00 M = 4.2
	PA	ePZ	22 08 11		
	F	eZ	22 07 56.9		
	R	iZ	22 07 27.3		
	SH	iPZ	22 07 58.6		
	M	iPZ	22 07 49.3		
Jan 3	F	ePZ	01 20 37		USCGS: 39°N 22°E
	M	iPZ	01 20 35		0 = 01 07 02
	R	ePZ	01 20 26		Central Greece.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 3	MH	iZ	02 41 36		BCIS 0 = 02 29.0
	M	iZ	02 40 51		Marianas Islands.
	SH	eZ	02 41 34		
Jan 3	B	ePZ	18 52 56		
	MH	iPZ	18 52 51		
	F	eZ	18 52 47		
	M	eZ	18 53 02		
	R	eZ	18 52 55		
	SH	eZ	18 53 06		
Jan 4	MH	eZ	12 04 20		BCIS: 0 = 11 52.1
	M	eZ	12 04 29		New Hebrides.
Jan 4	MH	eZ	12 19 42		BCIS: 32°N 140°E
	M	eZ	12 19 34		0 = 12 07 46
	R	eZ	12 19 43		Off coast of Honshu, Japan.
	SH	eZ	12 20 29		
Jan 5	B	eP'Z	01 08 52		USCGS: 50°S 162½°E
		eZ	09 27		0 = 00 50 12 M = 6½-6 3/4 (Pas)
	MH	eP'Z	01 08 53		Off coast of South Island,
		eZ	09 22		New Zealand.
		eZ	20 10		
	F	eP'Z	01 08 54		
		eZ	09 19		
		iZ	20 07		
	M	eP'Z	01 08 57		
		eZ	10 04		
		eZ	19 46		
	R	eZ	01 08 58		
		eZ	09 38		
		eZ	19 49		
	SH	eP'Z	01 08 56		
		iZ	09 44		
		iZ	10 11		
		eZ	19 46		
Jan 5	B	ePZ	08 21 48.6		Nevada aftershock
	MH	iPZ	08 21 40.1		0 = 08 20 40 M = 4.2
	SF	eE	08 21 59		
	F	iPZ	08 21 41.8		
	R	iPZ	08 21 07.3		
	SH	iPZ	08 21 38.5		
	M	iPZ	08 21 28.1		
Jan 5	MH	iPZ	15 37 43		USCGS: 54½°N 161°E
	F	iZ	15 38 04		0 = 15 28 18
	M	ePZ	15 37 27		Near east coast of Kamchatka.
	R	eZ	15 37 27		
	SH	iPZ	15 37 23		
Jan 5	B	ePZ	18 01 03		USCGS: 16°S, 167½°E
	MH	ePZ	18 01 20		0 = 17 48 35
	F	eZ	18 01 30		New Hebrides Islands.
	M	eZ	18 01 24		
	R	eZ	18 01 35		
	PA	eZ	18 01 22		
	SH	eZ	18 01 27		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 5	BG	ePZ	23 54 23		USCGS: 16°S 167½°E
		eSZ	00 06 23		0 = 23 42 03
	MH	ePZ	23 54 47		New Hebrides Islands.
	F	eZ	23 54 58		
	M	ePZ	23 54 55		
	R	eZ	23 55 02		
	SH	eZ	23 54 49		
Jan 6	MH	iZ	02 35 23		USCGS: 16°S 167½°E
	F	eZ	02 35 30		0 = 02 22 35
	M	eZ	02 35 41		New Hebrides Aftershock.
	R	eZ	02 35 36		
	SH	eZ	02 35 34		
Jan 6	M	iPZ	05 15 53		USCGS: 42½°N 148°E
					0 = 05 04 24
					Hokkaido, Japan.
Jan 6	MH	iPZ	10 01 21		USCGS: 16°S 167½°E
	F	ePZ	10 01 09		0 = 10 48 19
	M	ePZ	10 01 23		New Hebrides aftershock.
	R	eZ	10 01 27		
	SH	eZ	10 01 18		
Jan 7	MH	iPZ	05 37 50		USCGS: 13°N 90°W
					0 = 05 30 46 d = 150 Km
					Off coast of El Salvador.
Jan 7	B	iPZ	07 45 21.1		Nevada aftershock
	MH	iPZ	07 45 12.5		0 = 07 41 14 M = 4.1
	SH	iPZ	07 45 12.6		
	PA	ePZ	07 45 16		
	SF	eE	07 46 15.1		
	F	eSN	07 45 54		
	R	iPZ	07 44 41.1		
	M	iPZ	07 44 58.3		
Jan 7	B	iPZ	08 01 48.9		Nevada aftershock
	SH	ePZ	08 01 39.1		0 = 08 00 41 M = 4.2
	MH	iPZ	08 01 39.2		
	PA	ePZ	08 01 51		
	SF	eE	08 02 41.3		
	F	eZ	08 01 37.9		
	R	iPZ	08 01 07.8		
	M	iPZ	08 01 30.5		
Jan 7	B	iPZ	10 04 27		USCGS: 16½°S 78°E
	MH	iPZ	10 04 29		0 = 09 44 28
	F	ePZ	10 04 49		Indian Ocean.
	M	iPZ	10 04 23		
	R	ePZ	10 04 30		
	PA	ePZ	10 04 27		
	C	ePZ	10 04 15		
	SH	iPZ	10 04 21		
Jan 8	B	ePZ	07 46 00		USCGS: 11½°S 166½°E
	BG	eS	57 12		0 = 07 33 36 d = 60 Km
		eSS	08 02 19		Santa Cruz Island.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 8		eL	11 05		
(contd)	MH	ePZ	07 46 01		
	F	eZ	07 46 11		
	M	iZ	07 46 16		
	R	eZ	07 46 16		
	PA	ePZ	07 46 00		
	SH	eZ	07 46 05		
Jan 8	B	iPZ	09 12 14		USCGS: 31½°N 141°E
	MH	iPZ	09 12 18		0 = 09 00 32
	F	eZ	09 12 33		Off south coast of Honshu, Japan.
	M	iZ	09 12 10		
	R	eZ	09 12 20		
	SH	iPZ	09 12 06		
Jan 8	MH	iZ	10 06 59		USCGS: 5°S 106°W
	M	eZ	10 07 22		West of Galapagos Islands
	R	eZ	10 07 13		0 = 09 58 42
	SH	eZ	10 07 24		
Jan 8	MH	iPZ	19 13 44		USCGS: 50½°N 158°E
	M	iPZ	19 13 36		0 = 19 03 55
	R	eZ	19 13 34		Near south coast of Kamchatka.
	SH	iPZ	19 13 26		
Jan 9	M	iPZ	00 36 54		USCGS: 54½°N 162°E
	R	eZ	00 37 09		0 = 00 27 48
					Near east coast of Kamchatka.
Jan 9	M	iPZ	04 09 44		USCGS: 55°N 161½°E
					0 = 04 00 44 d = 60 Km
					Near east coast of Kamchatka.
Jan 9	B	iPZ	09 11 44.5		Nevada aftershock.
	SH	iPZ	09 11 46.9		0 = 09 10 48 M = 5.0
	MH	iPZ	09 11 43.1		
	PA	iPZ	09 11 46.7		
	SF	eE	09 11 47.4		
	A	eN	09 12 26.1		
	F	iPZ	09 11 35.2		
	R	iPZ	09 11 14.6		
	M	iPZ	09 11 37.5		
Jan 9	MH	iPZ	11 25 50		USCGS: 0 = 11 06 52
	M	iPZ	11 25 54		Sandwich Islands.
	R	ePZ	11 25 52		
	SH	ePZ	11 25 54		
Jan 10	MH	iPZ	09 48 14		USCGS: 0 = 09 38 43
	M	iZ	09 48 30		½°S 80°W
	R	eZ	09 48 08		Near coast of Ecuador.
Jan 10	F	eZ	10 08 40.1		USCGS: 37°N 114½°W
	M	eZ	10 08 58.9		0 = 10 07 28 M = 4.4 (Pas)
	R	eZ	10 08 53.2		Southeastern Nevada.
Jan 10	B	iPZ	11 23 06.8		37°58'N 122°17'W
	MH	iPZ	11 23 21.0		0 = 11 23 05 M = 2.6
	PA	ePZ	11 23 16		North of Berkeley. Felt.
	USF	iPE	11 23 09.9		
	M	iPZ	11 23 49.9		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 10	B	iZ	13 17 00.8		39.9°N 118.4°W
	SH	iZ	13 16 47.4		0 = 13 15 54 M = 4.1
	MH	eZ	13 16 49.7		South south east of Lovelock, Nevada.
	SF	eE	13 17 53.6		
	F	eZ	13 16 51.0		
	R	iZ	13 16 15.7		
	M	iPZ	13 16 37.1		
Jan 10	MH	eZ	19 38 36		USCGS: 15°N 92½°W
	M	eZ	19 37 50		0 = 19 31 50 d = 100 km
					Mexico, Guatemala border.
Jan 10	MH	iZ	21 54 27.8		USCGS: 14½°S 175°W
	F	iZ	21 54 32.5		0 = 21 43 10 d = 100 Km
	M	iPZ	21 54 38		Samoa Islands.
	R	eZ	21 54 42		
	SH	eZ	21 54 36		
Jan 11	MH	iPZ	00 47 44		USCGS: 20°S 69½°W
	M	iZ	00 47 54		0 = 00 35 58
	R	eZ	00 47 46		Northern Chile.
Jan 11	B	iPZ	02 15 26.2		38°02'N 121°48'W
	MH	iPZ	02 15 32.0		0 = 02 15 18 M = 3.0
	PA	iPZ	02 15 31.8		25 miles east north east of
	SF	eE	02 15 29.1		Berkeley. Felt.
	R	ePZ	02 16 01.4		
	M	iPZ	02 16 01.0		
Jan 11	B	iPZ	10 22 34.2		Nevada aftershock.
	SH	eZ	10 22 35.4		39°N 118°W
	MH	iPZ	10 22 32.7		0 = 10 21 40 M = 4.7
	PA	ePZ	10 22 36.0		
	SF	eE	10 22 47.0		
	F	eZ	10 22 32.3		
	A	eN	10 24 17.8		
	R	iPZ	10 22 03.5		
	M	iPZ	10 22 26.4		
Jan 11	M	eZ	11 43 51		
	R	eZ	11 43 30		
Jan 11	B	iPZ	13 00 40		USCGS: 13°S 167½°E
	MH	iPZ	13 00 42		0 = 12 48 10
	M	iPZ	13 00 47		New Hebrides Islands.
	R	eZ	13 00 53		
	SH	iPZ	13 00 45		
Jan 11	B	ePZ	14 01 06		USCGS: 27°N 127½°E
	MH	iPZ	14 01 10		0 = 13 48 11
	M	iPZ	14 01 02		Ryukyu Islands.
	R	ePZ	14 01 09		
	SH	ePZ	14 00 59		
Jan 11	MH	iPZ	15 51 02		USCGS: 0 = 15 41 27
	F	eZ	15 51 16		Near coast of Guatemala.
	M	eZ	15 50 45		
Jan 11	MH	iPZ	22 38 21		BCIS: 0 = 22 26.4 d = 150 - 200 Kms.
	M	ePZ	22 38 30		Chile - Argentine border.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 11	MH	iPZ	23 10 57		USCGS: 11°N 86½°W
	F	eZ	23 10 43		0 = 23 03 07
	R	eZ	23 10 58		Near coast of Nicaragua.
Jan 12	MH	iPZ	19 37 52		USCGS: 21½°S 69°W
	M	iPZ	19 38 53		0 = 19 25 56
	R	ePZ	19 38 21		Northern Chile.
	SH	iPZ	19 38 04		
Jan 13	MH	ePZ	00 33 38		USCGS: 0 = 00 14 29
	M	ePZ	00 33 50		About 600 miles north east of
	R	eZ	00 33 40		Sandwich Islands.
Jan 13	B	iPZ	02 10 35	d	USCGS: 53°N 167½°W
	BG	eSNE	16 08		0 = 02 03 43 M = 6.9 (Pas)
	MH	iPZ	02 10 41	d	Fox Island, Aleutian Islands.
	F	ePZ	02 10 55		
	M	ePZ	02 10 24		
	A	eN	02 10 16		
	R	iPZ	02 10 41		
	PA	iPZ	02 10 38	d	
	SF	eE	02 10 36		
	C	eP	02 09 56		
	SH	iPZ	02 10 19		
Jan 13	B	ePZ	02 42 37		USCGS: 53°N 167½°W
	MH	iPZ	02 42 33		0 = 02 35 45
	F	iPZ	02 42 57		Fox Islands, Aleutian Islands.
	M	ePZ	02 42 27		
	R	eZ	02 42 42		
	PA	eZ	02 42 39		
	C	eP	02 42 00		
	SH	ePZ	02 42 21		
Jan 13	B	iPZ	02 51 38		USCGS: 0 = 02 44 47
	MH	iPZ	02 51 44		Fox Islands aftershock.
	F	eZ	02 51 57		
	M	iZ	02 51 28		
	PA	iPZ	02 51 41		
	SH	iPZ	02 51 23		
Jan 13	MH	ePZ	02 58 05		BCIS: 0 = 02 51 08
	M	ePZ	02 57 50		Fox Islands aftershock.
	PA	ePZ	02 58 03		
	SH	ePZ	02 57 44		
Jan 13	MH	iPZ	08 43 29		USCGS: 20½°S 70°W
	M	ePZ	08 43 38		0 = 08 31 40
					Northern Chile aftershock.
Jan 15	M	ePZ	20 06 46		USCGS: 35°N 141°E
					0 = 19 55 14
					Near east coast of Honshu, Japan.
Jan 16	MH	iZ	15 57 51		BCIS: 0 = 15 46.9
	SH	iZ	15 57 58		South Pacific.
Jan 17	B	iPZ	02 33 24		USCGS: 36½°N 139½°E
	MH	iPZ	02 33 29		0 = 02 21 46
	F	eZ	02 33 37		Honshu, Japan.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 17	M	eZ	02 33 18		
(contd)	R	eZ	02 33 28		
	SH	eZ	02 33 14		
Jan 17	MH	iPZ	02 51 55		USCGS: 20°S 176½°W
	F	eZ	02 52 01		0 = 02 40 17 d = 400 Kms
	M	eZ	02 52 06		Tonga Islands.
	R	eZ	02 52 16		
	SH	eZ	02 52 04		
Jan 17	M	eZ	18 01 47		BCIS: Marianas Islands
	SH	eZ	18 01 44		
Jan 17	M	ePZ	21 33 00		USCGS: 0 = 21 27 40
					Off coast of Mexico.
Jan 18	F	eZ	14 48 22		USCGS: 19°S 179°W
	M	iPZ	14 48 03		0 = 14 36 32 d = 400 Km
	R	ePZ	14 48 08		Fiji Islands.
	SH	iPZ	14 47 59		
Jan 18	B	IPZ	17 03 26		USCGS: 36½°S 98½°W
	F	eZ	17 03 23		0 = 16 51 26
	M	eZ	17 03 37		Southeast of Easter Island.
	R	eZ	17 03 36		
	SH	iPZ	17 03 40		
Jan 19	B	ePZ	02 11 13.4		39°21'N 118°15'W
	MH	iPZ	02 11 03.7		0 = 02 10 10 M = 4.6
	PA	iSE	02 12 10.8		East of Fallon, Nevada.
	SF	eE	02 11 18.1		
	F	ePZ	02 11 03.4		
	SH	iPZ	02 11 33.7		
	R	iPZ	02 10 31.8		
	M	iPZ	02 10 53.9		
Jan 19	R	ePZ	15 42 30		USCGS: 1°N 78½°W
	SH	iPZ	15 42 43		0 = 15 33 07 d = 100 Km.
					Colombia - Ecuador border.
Jan 19	M	ePZ	19 08 25		USCGS: 0 = 19 02 40
					Kodiak Island region.
Jan 20	MH	ePZ	03 54 31		USCGS: 15°N 104½°W
	F	ePZ	03 54 19		0 = 03 48 45
	M	iPZ	03 54 54		off coast of Mexico.
	R	eZ	03 54 43		
	SH	eZ	03 54 58		
Jan 21	MH	eZ	05 54 37		
	F	eZ	05 54 25		
Jan 21	MH	iPZ	09 18 08		BCIS: 25°S 68¼°W
	M	ePZ	09 18 18		0 = 09 05 57
	R	ePZ	09 18 11		Argentine.
	SH	iPZ	09 18 21		
Jan 21	MH	iPZ	11 58 31.6		Pas: 37°09'N 118°20'W
	PA	ePZ	11 58 36.8		0 = 11 57 44 M = 3.8
	F	iPZ	11 58 08.8		Near Big Pine, Calif.
	R	ePZ	11 58 38.9		
	M	iPZ	11 59 03.0		
Jan 21	B	ePZ	12 21 54.5		Pas: 37°09'N 118°20'W

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 21	MH	iPZ	12 21 47.0		0 = 12 20 59 M = 4.0
(contd)	PA	iPZ	12 21 51.5		Near Big Pine.
	SF	eE	12 22 04		
	F	iPZ	12 21 24.4		
	R	eZ	12 21 53.8		
	M	ePZ	12 22 08.0		
Jan 21	B	iPZ	14 25 28		USCGS: 53°N 168°W
	MH	iPZ	14 25 35		0 = 14 18 33
	F	ePZ	14 25 48		Fox Islands, Aleutian Islands.
	M	ePZ	14 25 18		
	R	eZ	14 25 33		
	PA	iPZ	14 25 31		
	SH	ePZ	14 25 14		
Jan 22	MH	eP'Z	05 48 31		
	M	eP'Z	05 48 21		
	SH	eP'Z	05 48 21		
Jan 22	M	ePZ	21 22 01		USCGS: 77°N 178½°W
					0 = 21 11 00 d = 650 Km.
					Fiji Islands.
Jan 22	M	eZ	23 52 28		BCIS: 0 = 23 39 06
	R	eZ	23 52 19		Coast of Chile
	SH	eZ	23 52 33		
Jan 23	M	eZ	22 40 19.1		USCGS: 0 = 22 21 14
					Near southwest coast of Java.
Jan 24	B	eZ	14 45 38		USCGS: 18°S 179½°W
	MH	iPZ	14 45 38		0 = 14 33 38
	F	eZ	14 45 42		Fiji Islands.
	M	iZ	14 45 47		
	SH	ePZ	14 45 48		
Jan 25	B	iPZ	00 39 32		
	MH	eZ	00 39 26		
	F	eZ	00 39 08		
	M	eZ	00 39 52		
	R	eZ	00 39 38		
Jan 25	M	eZ	04 28 38		USCGS: 0 = 04 09 30
					Off south coast of Java.
Jan 25	MH	eZ	12 25 05.0		Pas: 0 = 12 23 55
	F	eZ	12 24 49.1		33°46'N 118°13'W
	M	eZ	12 26 04.9		Damaging slide at Terminal Island.
	R	eZ	12 25 57		Oil production affected. Recorded as an earthquake. USCGS: IV at Long Beach, Wilmington.
Jan 25	B	eZ	14 24 22		USCGS: 19½°N 109½°W
	MH	eZ	14 24 14		0 = 14 19 29
	F	eZ	14 23 59		Revilla Gigedo Islands
	M	eZ	14 24 47		
	R	eZ	14 24 27		
Jan 25	B	eZ	15 00 02		USCGS: 80°N 3°W
	MH	eZ	15 00 06		0 = 14 50 05
	F	eZ	15 00 05		Arctic Ocean off west coast of
	M	iPZ	14 59 44		Spitzbergen.
	R	eZ	14 59 48		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 25	M	eZ	23 19 06		USCGS: 22½°S 65½°W 0 = 23 07 10 d = 250 Km. Argentina.
Jan 25	B	eZ	23 27 39.2		Nevada aftershock. 0 = 23 26 46 M = 4.7
	MH	iZ	23 27 35.1		
	PA	ePZ	23 27 40		
	SF	eE	23 27 43.5		
	F	eZ	23 27 28.1		
	R	iZ	23 27 09.1		
	M	iPZ	23 27 31.8		
Jan 27	MH	iPZ	13 18 14		USCGS: 0 = 13 11 34 d = 60 Km. Off coast of Oaxaca, Mexico.
	F	eZ	13 18 09		
	M	eZ	13 18 23		
	R	eZ	13 18 10		
Jan 27	MH	iPZ	16 27 23		USCGS: 43°N 140½°E 0 = 16 16 05 Near west coast of Hokkaido, Japan.
	F	ePZ	16 27 32		
	M	eZ	16 27 13		
	R	eZ	16 27 23		
Jan 27	B	iPZ	18 49 29		USCGS: 17½°S 177°W 0 = 18 38 20 d = 400 Km. Fiji Islands region.
	MH	iPZ	18 49 30		
	F	iPZ	18 49 34		
	M	eZ	18 49 39		
	R	iPZ	18 49 43		
	PA	iPZ	18 49 27		
Jan 28	M	eZ	07 55 45		USCGS: 0 = 07 42 00 Off south coast of Crete.
Jan 28	F	eZ	12 11 42.3		Pas.: 33°49'N 115°28'W 0 = 12 10 20 M = 4.3 Felt at Desert Centre, Calif.
	R	eZ	12 12 28.4		
	M	eZ	12 12 22.2		
Jan 29	MH	eZ	17 13 19		USCGS: 51½°N 159½°E 0 = 17 03 35 Off coast of Kamchatka.
	F	eZ	17 13 31		
	M	eZ	17 13 01		
	R	eZ	17 13 21		
Jan 29	MH	eZ	18 06 13		
	F	eZ	18 05 57		
	M	eZ	18 06 27		
	R	eZ	18 06 15		
Jan 31	MH	eZ	02 34 58		USCGS: 0 = 02 27 12 Andreanof Islands, Aleutian Islands.
	F	eZ	02 35 09		
	M	eZ	02 34 35		
Jan 31	F	eZ	02 54 46		USCGS: 46°N 152½°E 0 = 02 44 15 Kurile Islands.
	M	eZ	02 54 35		
Jan 31	B	iPZ	05 15 09	c	USCGS: 12½°S 57°W 0 = 05 03 03 M = 6 3/4 (Pas)
	MH	iPZ	05 15 05	c	
	F	eZ	05 14 55	c	
	M	iPZ	05 15 11	c	Mato Grosso, Brazil.
	R	eZ	05 15 04		
	PA	iPZ	05 15 08	c	
	SF	eE	05 15 12		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Jan 31	MH	iPZ	15 15 41		USCGS: 0 = 15 03 04 Central Chile.
	F	eZ	15 15 43		
	M	eZ	15 15 52		
	R	eZ	15 15 44		
Jan 31	B	ePZ	16 12 20		USCGS: 46½°N 153°E 0 = 16 02 07 M = 6½ Pas. Kurile Islands.
	BG	iSE	20 42		
	MH	iPZ	16 12 26		
	F	eZ	16 12 33		
	M	eZ	16 12 10		
	R	eZ	16 12 23		
	PA	eZ	16 12 24		
Feb 1	M	eZ	14 16 20		
Feb 1	B	iZ	19 27 15		USCGS: 42°N 142½°E 0 = 19 16 02 Off south coast of Hokkaido, Japan.
	MH	iPZ	19 27 20		
	F	eZ	19 27 28		
	M	eZ	19 27 08		
	R	eZ	19 27 15		
	SH	eZ	19 27 04		
Feb 2	B	eZ	07 34 26		USCGS: 0 = 07 22 32 d = 100 Km Tonga Islands.
	MH	iZ	07 34 28		
	F	iZ	07 34 32		
	M	eZ	07 34 37		
	R	eZ	07 34 41		
	SH	eZ	07 34 36		
Feb 2	F	eZ	22 13 44		USCGS: 44°N 128½°W 0 = 22 11 18 Oregon foreshock.
	M	eZ	22 12 53		
Feb 3	MH	eZ	03 12 21		USCGS: 44½°N 128°W 0 = 03 10 16 Oregon foreshock.
	F	eZ	03 12 47		
	M	eZ	03 11 48		
	R	eZ	03 12 13		
	C	eP	03 11 04		
	SH	eZ	03 11 32		
Feb 3	F	eZ	09 10 16		USCGS: Oregon foreshock. 0 = 09 07 52
	M	eZ	09 09 31		
	C	eP	09 08 53		
	SH	eZ	09 09 20		
Feb 3	MH	iZ	12 24 45.6		USCGS: 44°N 128½°W 0 = 12 22 41 Oregon foreshock.
	F	eZ	12 25 10.3		
	M	eZ	12 24 17.7		
	R	eZ	12 24 42.7		
	C	eP	12 23 40		
	SH	eZ	12 24 08.2		
Feb 3	F	eZ	12 37 20		USCGS: 0 = 12 34 52 Oregon Foreshock.
	M	eZ	12 36 28		
	R	eZ	12 36 44		
	SH	eZ	12 36 19		
Feb 3	B	eZ	12 43 15.5		USCGS: 44°N 128½°W 0 = 12 41 24 M = 5.3 (Pas)
	MH	iPZ	12 43 29.1		
	F	iPZ	12 43 48.0		
	M	iPZ	12 43 00.8		About 200 miles off coast of Oregon.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Feb 3 (contd)	R	eZ	12 43 22.5		
	PA	ePZ	12 43 23		
	C	eP	12 42 24		
	SH	eZ	12 42 50.1		
Feb 4	B	eZ	07 42 22		USCGS: 17°S 67°E
	MH	eZ	07 42 04		0 = 07 21 49
	F	eP'Z	07 41 52		Mascarene Islands region.
	M	ep'Z	07 41 46		
	R	eZ	07 41 49		
	C	eP'	07 41 48		
	SH	eP'Z	07 41 45		
Feb 5	M	eZ	09 27 21		USCGS: 0 = 09 17 00
					Kurile Islands.
Feb 5	F	eZ	14 17 47		USCGS: 0 = 14 09 05
	M	eZ	14 17 21		Off east coast of Kamchatka.
	R	eZ	14 17 24		
Feb 5	B	eZ	20 52 04		USCGS: 46½°N 153°E
	BG	eE	21 00 24		0 = 20 41 51
		eN	21 00 35		Kurile Islands.
	MH	iZ	20 52 13		
	F	eZ	20 52 19		
	M	eZ	20 51 56		
	R	eZ	20 52 09		
	SH	eZ	20 51 52		
Feb 5	M	eZ	21 56 33		USCGS: 47°N 153°E
					0 = 21 46 32 Kurile Islands.
Feb 6	M	eZ	01 05 33		USCGS: 71°N 13½°W
					0 = 00 55 32 Jan Mayen Island.
Feb 6	B	eZ	02 38 05		USCGS: 71°N 13½°W
	MH	iZ	02 38 07		0 = 02 27 53
	F	eZ	02 38 06		Jan Mayen Islands.
	M	eZ	02 37 45		
	R	eZ	02 37 47		
	SH	eZ	02 37 46		
Feb 6	B	iZ	10 24 50		USCGS: 0 = 10 05 45
	MH	iZ	10 24 59		Sandwich Island region.
	F	eZ	10 24 46		
	M	eZ	10 24 52		
	R	eZ	10 24 51		
	SH	eZ	10 24 52		
Feb 6	MH	iPZ	18 25 08		USCGS: 50½°N 180°
	M	eZ	18 24 52		0 = 18 17 05
	R	eZ	18 25 06		Andreanof Islands, Aleutian Islands.
Feb 6	M	eZ	22 45 07		USCGS: 0 = 22 35 48
					Off south east coast of Kamchatka.
Feb 7	M	eZ	00 21 37		USCGS: 0 = 00 10 58
					44°N 146½°E Kurile Islands.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Feb 7	MH	eZ	17 49 06		USCGS: 0 = 17 46 15
	A	iZ	17 49 43		Sonora, Mexico.
	SH	eZ	17 49 48		
Feb 7	M	eZ	20 08 16		USCGS: 34½°N 141°E
	SH	iZ	20 08 12		0 = 19 56 40
					Near coast of Honshu, Japan.
Feb 8	B	eZ	04 23 27		USCGS: 20°S 62½°W
	MH	ePZ	04 23 24		0 = 04 12 10 d = 600 Km.
	F	iZ	04 23 15		M = 5 3/4 (Pas.) Southern Bolivia.
	M	ePZ	04 23 31		
	PA	eZ	04 23 24		
Feb 8	MH	iZ	05 57 34		USCGS: ½°S 92°W
	F	eZ	05 57 22		0 = 05 49 00
	M	eZ	05 57 49		Galapagos Islands.
	SH	eZ	05 57 55		
Feb 8	MH	eZ	08 15 58		
	M	eZ	08 15 51		
	SH	eZ	08 15 50		
Feb 8	MH	eZ	14 29 44		USCGS: 0 = 14 19 03
	F	eZ	14 29 39		West of Easter Island.
	SH	iZ	14 30 05		
Feb 8	MH	eZ	15 54 56		USCGS: 0 = 15 43 07
	SH	eZ	15 54 41		Near south coast of Honshu, Japan.
Feb 8	M	eZ	19 42 17		USCGS: 0 = 19 36 32
					Off coast of Alaska Peninsula.
Feb 9	M	eZ	22 48 29		BCIS: H = 22 42.7
	SH	eZ	22 48 24		Near Alaskan peninsula.
Feb 10	B	eZ	00 13 06		USCGS: 50°N 156°E
	MH	iZ	00 13 12		0 = 00 03 21 d = 60 Km.
	F	eZ	00 13 22		Northern Kurile Islands.
	M	iPZ	00 12 57		
	R	eZ	00 12 10		
	SH	eZ	00 12 52		
Feb 10	B	iZ	04 16 53		USCGS: 11½°S 77½°W
	MH	iZ	04 16 49		0 = 04 06 12 d>normal
	F	eZ	04 16 37		Near coast of Peru.
	M	eZ	04 16 58		
	R	eZ	04 16 52		
	SH	eZ	04 17 04		
Feb 10	B	iZ	09 48 36		USCGS: 0 = 09 36 41
	MH	iZ	09 48 36		Tonga Islands.
	F	eZ	09 48 40		
	M	eZ	09 48 46		
	R	eZ	09 48 51		
Feb 11	B	eZ	04 43 15		USCGS: 0 = 04 30 30
	MH	eZ	04 43 15		Kermadec Islands.
	F	eZ	04 43 19		
	M	eZ	04 43 25		
	SH	eZ	04 43 23		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Feb 11	MH	eZ	11 13 09		
	M	eZ	11 13 19		
Feb 11	MH	iPZ	12 17 39		USCGS: 0 = 12 06 03
	M	eZ	12 17 48		Northern Chile. d = 100 Km.
	R	eZ	12 17 41		
	PA	eZ	12 17 41		
	SH	eZ	12 17 51		
Feb 11	B	eZ	16 13 31.7		39°28'N 118°06'W
	SH	iZ	16 13 28.6		0 = 16 12 32 M = 4.7
	MH	iPZ	16 13 28.4		Nevada aftershock.
	C	eP	16 14 13		
	SF	eE	16 13 41.6		
	F	iZ	16 13 28.2		
	R	iZ	16 12 57.7		
	PA	ePZ	16 13 27.2		
	M	ePZ	16 13 19.5		
Feb 11	B	iPZ	19 45 32.2		Pas: 35°24'N 118°31'W
	SH	eZ	19 46 06.8		0 = 19 44 30 M = 4.5
	MH	iPZ	19 45 20.9		Northeast of Caliente.
	SF	eE	19 45 41.3		
	F	eZ	19 45 02.1		
	R	eZ	19 45 51.0		
	M	eZ	19 45 58.0		
Feb 12	B	iZ	00 15 18		BCIS: 0 = 00 03.8
	MH	iZ	00 15 15		South west Bolivia.
	R	eZ	00 15 19		
	SH	eZ	00 15 27		
Feb 12	B	iZ	04 38 48		USCGS: 0 = 04 27 22 d = 600 Km.
	MH	eZ	04 38 48		350 miles south of Fiji Islands.
	F	eZ	04 38 52		
	M	eZ	04 38 58		
	SH	eZ	04 38 56		
Feb 12	MH	eZ	06 29 25		
	M	iZ	06 29 20		
	R	eZ	06 29 29		
	PA	eZ	06 29 22		
	SH	eZ	06 29 17		
Feb 12	MH	iZ	10 46 29		
	F	eZ	10 46 35		
	M	eZ	10 46 35		
Feb 12	MH	eZ	18 29 03		
	M	eZ	18 28 54		
	C	iP	18 25 07		
	SH	eZ	18 28 51		
Feb 12	B	eZ	19 15 41		USCGS: 21°S 171°E
	MH	iZ	19 15 39		0 = 19 03 08 d = 100 Km.
	F	eZ	19 15 47		New Hebrides Islands.
	M	eZ	19 15 50		
	R	eZ	19 15 53		
	SH	iZ	19 15 48		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Feb 13	MH	eZ	09 07 43		
	M	eZ	09 07 53		
Feb 13	B	eZ	17 25 56		USCGS: 56°N 160½°E
	MH	iZ	17 26 02		0 = 17 16 55 d = 200 Km.
	F	eZ	17 26 12		Central Kamchatka.
	M	iZ	17 25 45		
	R	iZ	17 25 57		
	PA	eZ	17 25 58		
	SH	iZ	17 25 41		
Feb 13	B	eZ	19 55 10		BCIS: 20°S 175°W
	MH	iZ	19 56 08		0 = 19 43.4
	F	eZ	19 55 14		Tonga Islands.
	R	eZ	19 55 26		
	SH	eZ	19 55 20		
Feb 14	M	eZ	08 18 48		
	SH	eZ	08 18 45		
Feb 14	M	eZ	15 36 23		USCGS: 54°N 169°E
	R	eZ	15 36 35		0 = 15 27 48
					Komandorskie Islands Region.
Feb 14	M	eZ	17 11 33		USCGS: 2°N 126½°E
	SH	eZ	17 07 21		0 = 16 53 09 Molucca Passage.
Feb 15	MH	eZ	06 32 49		USCGS: 13½°S 166½°E
	F	eZ	06 33 06		0 = 06 20 18 d = 60 Km.
	M	eZ	06 32 54		New Hebrides.
	SH	eZ	06 32 52		
Feb 15	B	iZ	06 33 54		USCGS: 14°S 166½°E
	MH	iZ	06 33 54		0 = 06 21 22 d = 60 Km.
	F	eZ	06 34 09		New Hebrides.
	M	eZ	06 34 00		
	R	eZ	06 34 15		
	SH	eZ	06 33 44		
Feb 15	B	eZ	18 54 19		USCGS: 0 = 18 41 47
	MH	eZ	18 54 24		New Hebrides.
	F	eZ	18 54 30		
	R	eZ	18 54 37		
	SH	eZ	18 54 27		
Feb 16	B	eZ	11 44 07		USCGS: 7°S 130°E
	MH	eZ	11 44 19		0 = 11 29 54 d = 150 Km.
	F	eZ	11 48 49		Banda Sea.
	M	eZ	11 44 09		
	R	eZ	11 48 47		
	SH	eZ	11 44 05		
Feb 17	MH	eZ	08 58 26		USCGS: 4°S 79°W
	M	eZ	08 58 39		0 = 08 48 34 Ecuador.
Feb 18	MH	iZ	08 15 33		USCGS: 19½°N 68°W
	F	eZ	08 15 19		0 = 08 06 38 d = 60 Km.
	M	eZ	08 15 32		Off coast of Dominican Republic.
	R	eZ	08 15 24		
	SH	eZ	08 16 06		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Feb 17	MH	iZ	03 56 03		USCGS: 0 = 03 47 46
	F	eZ	03 55 58		Off north coast of Panama.
	M	eZ	03 56 17		
	R	eZ	03 56 10		
	PA	eZ	03 56 08		
	SH	eZ	03 56 20		
Feb 19	SH	eZ	15 35 21		USCGS: 12°N 125°E
					0 = 15 21 40 Philippine Islands.
Feb 20	MH	iZ	12 25 23		USCGS: 52½°N 178½°E
	M	eZ	12 25 06		0 = 12 17 21 d = 100 Km.
	PA	iZ	12 25 18		Rat Islands, Aleutian Islands.
	SH	iZ	12 26 01		
Feb 21	MH	iZ	18 53 59		USCGS: 49°N 153°E
	M	eZ	18 53 46		0 = 18 43 48
	SH	iZ	18 53 42		Kurile Islands.
Feb 21	MH	iZ	23 25 55		USCGS: 40½°N 24°W
	F	eZ	23 25 44		0 = 23 14 55
	M	eZ	23 25 37		Azores Islands.
Feb 22	MH	eZ	15 48 49		
	M	eZ	15 48 43		
	SH	eZ	15 48 39		
Feb 23	B	iZ	05 08 38		USCGS: 20°S 175°W
		iZ	09 30		0 = 04 57 11 d = 250 Km.
	MH	iPZ	05 08 39		Tonga Islands.
		ipPZ	09 31		
	F	iPZ	05 08 43		
		iZ	09 35		
	M	ePZ	05 08 49		
		epPZ	09 41		
	R	eZ	05 08 52		
		eZ	09 45		
	SH	iPZ	05 08 47		
		iZ	09 40		
Feb 23	MH	iPZ	08 47 46		USCGS: 23°S 179°E
	F	eZ	08 47 50		0 = 08 36 20 d = 600 Km.
	M	iPZ	08 47 55		Fiji Islands region.
	SH	iZ	08 47 54		
Feb 23	B	iZ	11 51 59		USCGS: 18°S 178°W
	MH	iPZ	11 52 00		0 = 11 41 02 d = 600 Km.
	F	iZ	11 52 04		Fiji Islands.
	M	iZ	11 52 08		
	R	ePZ	11 52 12		
	SH	iZ	11 52 07		
Feb 23	F	eZ	18 52 00		USCGS: 34°S 54½°E
	M	eZ	18 52 01		0 = 18 31 45
	R	eZ	18 52 01		Indian Ocean.
Feb 23	M	eZ	20 13 13		USCGS: 32°N 141°E
	SH	eZ	20 13 09		0 = 20 01 30
					South of Honshu, Japan.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
Date			h. m. s.		
Feb 26	F	eZ	00 52 23		USCGS: 0° 102°E
	M	eZ	00 50 11		0 = 00 31 14
	R	eZ	00 52 12		Sumatra.
Feb 26	MH	iZ	02 59 07		USCGS: 54°N 163½°W
	F	eZ	02 59 09		0 = 02 52 04
	M	eZ	02 58 29		Aleutian Islands.
	R	eZ	02 58 56		
	SH	eZ	02 58 38		
Feb 27	M	eZ	10 42 05		USCGS: 48°N 147°E
	R	eZ	10 42 30		0 = 10 32 28
	SH	eZ	10 42 00		Northern Kurile Islands.
Feb 27	MH	iZ	19 32 39		USCGS: 35°N 137°E
	M	eZ	19 33 28		0 = 19 20 38
	SH	eZ	19 32 25		Off south coast of Honshu, Japan.
Feb 27	B	ePZ	20 55 49		USCGS: 27½°S 176°W
		PPZ	59 22		0 = 20 43 24
	BG	iSEN	21 06 11		Kermadec Islands region.
		PPSEN	07 38		
		SS N	12 26		
	MH	ePZ	20 55 36		
		eSN	21 06 12		
	F	ePZ	20 55 52		
		eSN	21 06 21		
	M	iPZ	20 55 59		
		eSE	21 06 30		
	A	eN	20 55 59		
		eE	21 06 20		
	R	ePZ	20 56 02		
		eSE	21 06 37		
	C	iP	20 56 10		
		eS	21 06 42		
	SH	ePZ	20 55 58		
		ePPZ	59 17		
		eSN	21 05 56		
	SF	eN	20 55 50		
		eS	21 06 07		
	PA	ePZ	20 55 49		
		ePPE	59 08		
		eSEN	21 06 11		
Feb 28	M	eZ	00 29 20		USCGS: 27°S 176° W
					0 = 00 16 44
					Kermadec Islands.
Feb 28	M	eZ	01 05 57		USCGS: 52°N 174°W
					0 = 00 58 39
					Adreanof Islands, Aleutian Islands.
Feb 28	M	eZ	03 13 02		USCGS: 0 = 03 02 11
					Kermadec Islands.
Feb 28	B	eP'Z	21 02 28		USCGS: 11°S 66½°E
	MH	eZ	21 02 52		0 = 20 42 31
	F	eZ	21 02 50		Indian Ocean.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Feb 28 (contd)	M	iP'Z	21 02 26		
	R	eZ	21 02 27		
	SH	iZ	12 02 24		
Mar 1	MH	iPZ	01 59 53		USCGS: 21°S 37°W
	F	eZ	01 59 44		0 = 01 46 10
	M	eZ	01 59 55		Off coast of Brazil
	R	eZ	01 59 49		
Mar 1	MH	iZ	04 24 03		
	R	eZ	04 24 15		
	SH	eZ	04 23 21		
Mar 1	B	iPZ	04 48 54		USCGS: 65°N 133°W
	PP		49 52		0 = 04 42 59 M = 6½ (Pas)
	BG	(S)EN	53 44		Yukon.
	MH	iPZ	04 49 00		
	F	iPZ	04 49 08		
	M	iPZ	04 48 33		
	A	eN	04 48 23		
	R	ePZ	04 48 43		
	PA	iPZ	04 48 58		
	SF	eE	04 48 59		
	Fe	eE	04 53 08		
	C	iP	04 47 51		
	SH	ePZ	04 48 27		
		eS	53 14		
Mar 1	MH	iZ	08 54 16		
	F	eZ	08 54 29		
	M	iPZ	08 53 55		
Mar 1	B	eZ	14 08 17		USCGS: 65°N 133°W
	MH	iZ	14 08 26		0 = 14 02 25
	F	eZ	14 08 33		Yukon aftershock.
	M	iPZ	14 07 58		
	R	eZ	14 08 09		
	PA	eZ	14 08 21		
	C	eP	14 07 20		
	SH	iZ	14 07 55		
Mar 1	B	iPZ	14 53 30		USCGS: 29½°N 141½°E
	MH	iPZ	14 53 34		0 = 14 41 37
	F	eZ	14 53 43		South of Honshu, Japan.
	M	eZ	14 53 25		
	R	eZ	14 53 36		
	PA	eZ	14 53 30		
	SH	iZ	14 53 22		
Mar 2	MH	eZ	01 31 57		USCGS: 4½°S 151½°E
	F	eZ	01 32 04		0 = 01 18 53
	M	eZ	01 31 47		New Britain.
	R	eZ	01 32 05		
	SH	iZ	01 32 16		
Mar 2	MH	iZ	01 49 47		USCGS: 4°S 152½°E
	F	eZ	01 49 51		0 = 01 35 45
	M	eZ	01 50 15		New Britain.
	SH	eZ	01 49 42		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 2	B	iPZ	06 05 02.6		36°52'N 121°39'W
	SF	eE	06 05 03.9		0 = 06 04 43 M = 3.7
	MH	iPZ	06 04 52.4		West of Hollister. V at Gilroy.
	F	eZ	06 05 09.0		
	PA	iPZ	06 04 56.4		
	R	eZ	06 05 39.7		
	M	ePZ	06 05 37.2		
Mar 2	B	iPZ	15 59 36.2		36°00'N 120°56'W
	SH	eZ	16 00 14.6		0 = 15 59 01 M = 4.8
	MH	iPZ	15 59 26.2		18 miles S E of King City.
	SF	eE	15 59 37.2		V at King City.
	F	iZ	15 59 22.9		
	PA	iPZ	15 59 30.9		
	R	eZ	16 00 01.9		
	M	iPZ	16 00 10.1		
Mar 3	M	ePZ	12 01 38		USCGS: 49°N 156°E
					0 = 11 51 57
					Off south coast of Kamchatka.
Mar 3	MH	eZ	20 57 49		USCGS: 71½°N 4½°W
	F	eZ	20 57 54		0 = 20 47 22
	M	iPZ	20 57 33		Jan Mayen Islands.
	SH	eZ	20 57 31		
Mar 4	MH	iZ	02 15 45		USCGS: 26½°S 176°W
	F	eZ	02 15 47		0 = 02 03 22
	M	eZ	02 15 55		Kermadec Islands region.
	SH	iZ	02 15 53		
Mar 4	MH	iZ	11 43 48		USCGS: 13°S 173°W
	F	eZ	11 43 52		0 = 11 32 19
	M	iPZ	11 43 57		Samoa Islands region.
	R	eZ	11 44 02		
	SH	iZ	11 43 56		
Mar 5	B	eZ	03 36 57		USCGS: 14°N 90½°W
	MH	eZ	03 36 50		0 = 03 29 58 d = 150 Kms.
	F	eZ	03 36 36		Guatemala.
	M	eZ	03 37 04		
	R	eZ	03 36 52		
	PA	eZ	03 36 54		
	SH	iZ	03 37 09		
Mar 5	MH	iZ	07 51 10		USCGS: 60½°N 67°W
	M	iPZ	07 51 03		0 = 07 43 20
					Hudson Strait.
Mar 5	MH	eZ	19 40 14		USCGS: 11°N 44°W
	F	eZ	19 40 07		0 = 19 28 31
	R	eZ	19 40 14		Atlantic Ocean.
	SH		19 40 23		
Mar 6	MH	iPZ	06 37 12		USCGS: 2½°S 100°E
	M	iPZ	06 33 21		0 = 06 18 01
		eP'Z	37 23		Near South coast of Sumatra.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 6	BG	eN	13 58 27		USCGS: 9½°N 122½°E
		eE	14 01 01		0 = 13 33 31
					Negros Island, Philippine Islands.
Mar 7	B	ePZ	04 57 28		USCGS: 18°S 169°E
	MH	iPZ	04 57 30		0 = 04 44 44
	F	ePZ	04 57 34		New Hebrides Islands.
	R	ePZ	04 57 41		
	PA	ePZ	04 57 27		
	SH	iPZ	04 57 35		
Mar 7	B	iPZ	14 59 35		USCGS: 27½°S 176°W
	MH	iPZ	14 59 36		0 = 14 47 10
	F	iPZ	14 59 38		Kermadec Islands Region.
	R	ePZ	14 59 48		
	SH	iPZ	14 59 45		
Mar 7	M	iPZ	19 40 32		USCGS: 13°N 87°W
					0 = 19 32 50
					Nicaragua.
Mar 8	MH	eZ	06 55 02		
	M	iPZ	06 54 53		
	SH	eZ	06 54 52		
Mar 8	MH	eZ	07 04 55		
	M	eZ	07 04 47		
	SH	eZ	07 04 45		
Mar 8	MH	eZ	07 27 21		
	F	eZ	07 27 24		
	M	eZ	07 27 29		
	SH	eZ	07 27 30		
Mar 8	B	eZ	08 28 14		BCIS: 0 = 08 21 27
	MH	eZ	08 28 16		Hawaii.
	F	eZ	08 28 27		
	M	eZ	08 28 26		
Mar 8	B	eZ	23 40 14		USCGS: 50½°N 156°E
	MH	eZ	23 40 18		0 = 23 30 29 d = 60 Km
	F	eZ	23 40 18		Off south coast of Kamchatka.
	M	eZ	23 39 54		
	R	eZ	23 40 06		
	SH	eZ	23 39 49		
Mar 9	B	eZ	03 54 55		USCGS: 27½°S 176°W
	MH	eZ	03 54 55		0 = 03 42 30
	F	eZ	03 54 58		Kermadec Islands.
	M	eZ	03 55 05		
	R	eZ	03 55 08		
	SH	eZ	03 54 29		
Mar 9	MH	iZ	05 53 06		USCGS: 9½°S 154½°E
	F	eZ	05 53 11		0 = 05 39 57
	M	eZ	05 53 06		Solomon Islands Region.
	R	eZ	05 53 14		
	SH	eZ	05 53 04		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 9	M	eZ	09 32 29		USCGS: 27°N 122°E
					0 = 09 19 13
					Formosa.
Mar 9	B	iPZ	17 21 26		USCGS: 5°S 79°W
	MH	iPZ	17 21 22		0 = 17 11 23
	F	eZ	17 21 09		Northern Peru.
	M	ePZ	17 21 33		
	PA	iPZ	17 21 24		
	SH	eZ	19 21 36		
Mar 10	MH	iPZ	03 46 20		USCGS: 0 = 03 38 35
	M	eZ	03 46 31		Near west coast of Nicaragua.
	R	eZ	03 46 19		
Mar 10	MH	iPZ	05 02 45		USCGS: 10°N 90½°W
	M	eZ	05 02 59		0 = 04 55 10
	R	eZ	05 02 49		Off coast of El Salvador.
Mar 10	B	iPZ	21 21 37		USCGS: 13½°S 173½°W
		eZ	22 57		0 = 21 10 20
	BG	eSN	30 42		Samoa Islands.
	MH	iPZ	21 21 37		
	F	iPZ	21 21 42		
	R	iPZ	21 21 52		
	PA	iPZ	21 21 35		
	SH	iPZ	21 21 46		
Mar 11	MH	iPZ	09 16 59		USCGS: 16°N 98°W
	M	iPZ	09 17 16		0 = 09 10 44
	R	ePZ	09 17 03		Near coast of Oaxaca, Mexico.
	SH	ePZ	09 20 04		
Mar 11	MH	iPZ	21 53 19		USCGS: 52°N 158°E
	F	eZ	21 53 43		0 = 21 43 40
	M	iPZ	21 52 56		Kamchatka.
	R	eZ	21 53 30		
	SH	iPZ	21 53 00		
Mar 12	B	iPZ	13 37 40		USCGS: 11½°S 167½°E
	MH	iPZ	13 37 42		0 = 13 25 15
	F	iPZ	13 37 48		Santa Cruz Islands.
	M	iPZ	13 37 46		
	R	iPZ	13 37 53		
	PA	iPZ	13 37 40		
	SH	iPZ	13 37 45		
Mar 13	B	ePZ	04 13 42		USCGS: 49½°N 155½°E
	MH	ePZ	04 13 45		0 = 04 03 53 d = 60 Km
	F	ePZ	04 13 58		Kurile Islands.
	M	ePZ	04 13 34		
	R	ePZ	04 13 46		
	SH	ePZ	04 13 30		
Mar 13	M	eP	19 00 33		USCGS: 0 = 18 48 38
					Bonin Islands.
Mar 14	B	iPZ	13 19 19	c	USCGS: 52½°N 173½°W
		iZ	21 30		0 = 13 12 04 d = 100 Kms M=7
	BG	iSN	25 04		Andreanof Islands, Aleutian Islands.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 14 (contd)	MH	iPZ	13 19 25	c	
	F	iPZ	13 19 37	c	
	M	iPZ	13 19 09	c	
	R	iPZ	13 19 23	c	
	PA	iPZ	13 19 21		
	SF	eE	13 19 19		
	C	iP	13 18 42		
	SH	iPZ	13 19 04	c	
		iZ	21 24		
		iS	24 36		
Mar 15	MH	iPZ	04 17 43		BCIS: 0 = 04 06.3 Tonga Islands.
	F	eZ	04 17 48		
	M	eZ	04 17 53		
	R	eZ	04 17 58		
	SH	iZ	04 17 53		
Mar 15	MH	iPZ	11 27 42		USCGS: 14½°S 174°W 0 = 11 16 12 Samoa Islands.
	SH	eZ	11 27 45		
Mar 15	MH	iPZ	22 52 50		
	M	eZ	22 53 00		
	SH	eZ	22 52 59		
Mar 16	M	eZ	20 25 51		USCGS: 0 = 20 12 22 Formosa.
	SH	eZ	20 25 45		
Mar 16	B	eZ	21 55 51		USCGS: 26½°S 115°W 0 = 21 45 14 Easter Island region.
	MH	iPZ	21 55 52		
	F	eZ	21 55 46		
	M	eZ	21 56 11		
	R	eZ	21 56 04		
	SH	eZ	21 56 11		
Mar 17	MH	eZ	18 50 22		BCIS: 0 = 18 39 47 Easter Island aftershock.
	SH	eZ	18 50 32		
Mar 17	MH	eZ	19 00 02		BCIS: 0 = 18 49 26 Easter Island aftershock.
	R	eZ	19 00 26		
	SH	eZ	19 00 26		
Mar 18	B	ePZ	00 16 04		USCGS: 54½°N 161°E 0 = 00 06 42 Near east coast of Kamchatka.
	BG	eSNE	23 40		
		eSS	27 27		
	MH	iPZ	00 16 07		
	F	eZ	00 16 18		
		eN	24 01		
	M	ePZ	00 15 52		
		eZ	23 16		
	A	eN	00 15 29		
	R	ePZ	00 16 04		
		eSN	23 35		
	PA	ePZ	00 16 06		
	SF	eE	00 16 12		
	C	eP	00 15 22		
	SH	iPZ	00 15 47		
		eSN	23 03		
		eSE	23 20		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 18	M	eZ	03 31 37		USCGS: 0 = 03 21 37 Near east coast of Kamchatka.
Mar 18	MH	eZ	09 17 30		USCGS: 55°N 161½°E 0 = 09 08 10 d = 100 Km Kamchatka.
	F	eZ	09 17 32		
	M	eZ	09 17 30		
	R	eZ	09 17 00		
Mar 19	MH	iPZ	11 36 54		USCGS: 0 = 11 25 10 Kermadec Islands.
	F	eZ	11 37 00		
	M	eZ	11 37 06		
	R	eZ	11 37 11		
	SH	eZ	11 37 01		
Mar 19	M	ePZ	14 16 22		USCGS: 0 = 14 08 45 Andreanof Islands, Aleutian Islands.
Mar 19	MH	iPZ	17 22 40		USCGS: 13°N 90°W 0 = 17 15 23 Off coast of El Salvador.
Mar 20	M	ePZ	00 43 52		USCGS: 53½°N 161°E 0 = 00 35 13 Kamchatka.
Mar 20	M	eZ	03 56 30		USCGS: 52°N 158½°E 0 = 03 56 52 Kamchatka.
	SH	eZ	03 46 11		
Mar 20	MH	iPZ	20 20 22		USCGS: 15°N 92°W 0 = 20 13 42 d = 150 Km Guatemala.
	F	eZ	20 20 08		
	M	iZ	20 20 19		
	R	eZ	20 20 24		
	SH	eZ	20 20 40		
Mar 21	MH	iPZ	01 11 56		USCGS: 0 = 00 52 00 Indian Ocean.
	M	ePZ	01 11 45		
	SH	eZ	01 11 43		
Mar 21	M	eZ	14 05 14		BCIS: 26°N 98½°E 0 = 13 02 05 d = 100 Km China-Burma border.
Mar 22	MH	iPZ	02 44 08		USCGS: 45°N 28°W 0 = 02 33 09 North Altantic Ocean.
	F	eZ	02 44 05		
	R	eZ	02 43 55		
	SH	eZ	02 43 52		
Mar 22	B	eZ	06 07 43		BCIS: 0 = 05 56.0 Bolivia.
	MH	iPZ	06 07 40		
	M	eZ	06 07 48		
	R	eZ	06 07 42		
	SH	eZ	06 07 51		
Mar 22	M	eZ	06 32 15		USCGS: 26°N 98½°E 0 = 06 14 00 Burma.
	SH	eZ	06 31 27		
Mar 22	MH	iPZ	06 55 02		BCIS: 0 = 06 44 04 North Atlantic.
	F	eZ	06 54 56		
	M	eZ	06 55 46		
	SH	eZ	06 54 48		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 22	MH	iPZ	14 00 56		USCGS: 0 = 13 53 57
	M	eZ	14 01 10		Guatemala.
	R	eZ	14 00 48		
	SH	eZ	14 01 09		
Mar 22	B	eP'Z	14 24 31		USCGS: 0 = 14 05 04
		iZ	25 16		8½°S 92°E
		ePPZ	27 24		Indian Ocean.
	BG	eE	39 53		
	MH	iZ	14 24 29		
	F	eZ	14 24 38		
	M	eZ	14 24 21		
	A	eN	14 28 08		
	R	eP'Z	14 24 32		
	PA	eP'Z	14 24 32		
	SH	eP'Z	14 24 20		
Mar 23	MH	iZ	05 14 04		USCGS: 04 54 31
	F	eZ	05 14 04		Indian Ocean aftershock.
	M	eP'Z	05 14 47		
	SH	eZ	05 13 48		
Mar 23	MH	ePZ	17 35 16		USCGS: 56½°S 147°E
	M	eZ	17 35 20		0 = 17 16 17
	R	eZ	17 35 24		Southwest of Macquairie Island.
	SH	eZ	17 35 22		
Mar 24	M	eZ	04 49 26		
Mar 24	MH	eZ	16 19 08		BCIS: 41.2°N 142.3°E
	SH	eZ	16 20 05		0 = 16 09 08 d = 60 Km
					Hondo, Japan.
Mar 24	MH	iPZ	18 03 45		USCGS: 0 = 17 53 20
	M	iPZ	18 03 32		Kurile Islands.
	R	eZ	18 03 43		
	SH	eZ	18 03 28		
Mar 25	MH	iZ	00 19 43		
	M	iZ	00 19 28		
	R	eZ	00 19 41		
	SH	eZ	00 19 22		
Mar 25	B	iZ	23 02 05		USCGS: 52°N 156°E
	MH	iPZ	23 02 10		0 = 22 52 28 d = 100 Km
	F	eZ	23 02 19		Kamchatka.
	M	iPZ	23 01 56		
	R	eZ	23 02 08		
	SH	eZ	23 01 52		
Mar 27	MH	iPZ	09 42 38		USCGS: 53½°N 162°E
	F	eZ	09 42 46		0 = 09 33 18 d = 60 Km
	M	eZ	09 42 21		Kamchatka.
	R	eZ	09 42 34		
	SH	eZ	09 42 17		
Mar 27	M	eZ	14 13 05		USCGS: 22½°N 120½°E
					0 = 13 59 40
					Formosa.
Mar 27	F	eZ	14 57 17		USCGS: 30°N 90°E
	R	eZ	14 57 12		0 = 14 38 44
					Eastern Tibet.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 27	MH	eZ	21 50 28		USCGS: 19°S 169°E
	M	eZ	21 50 02		0 = 21 37 38
					New Hebrides.
Mar 28	MH	ePZ	01 09 18		USCGS: 53°N 35°W
	F	eZ	01 09 10		0 = 00 59 09
	M	eZ	01 08 59		North Atlantic Ocean.
	R	eZ	01 08 56		
	SH	eZ	01 08 58		
Mar 28	M	eZ	07 00 02		USCGS: 0 = 06 52 10
					El Salvador.
Mar 28	B	ePZ	09 24 49		USCGS: 29°N 130°E
	BG	eSNE	35 18		0 = 09 12 09
	MH	iPZ	09 24 55		Ryukyu Islands.
	F	iPZ	09 25 01		
	M	iPZ	09 24 44		
	R	ePE	09 24 54		
	PA	ePZ	09 24 51		
	SH	iPZ	09 24 41		
Mar 28	M	eZ	14 59 21		USCGS: 38°N 21°E
					0 = 14 45 46
					Near South west coast of Greece.
Mar 28	MH	eZ	15 08 03		USCGS: 53°N 160°E
	F	eZ	15 07 54		0 = 14 58 28
	M	ePZ	15 07 51		Kamchatka.
	SH	eZ	15 07 38		
Mar 29	MH	iPZ	01 50 51		USCGS: 0 = 01 39 45 d = 600 Km
	M	iPZ	01 51 00		Fiji Islands.
Mar 29	MH	iPZ	10 00 25		USCGS: 0 = 09 48 10
	M	iPZ	10 00 57		Bonin Islands.
Mar 29	MH	iPZ	17 56 05		BCIS: 17½°N 62½°W
	M	iZ	17 56 06		0 = 17 46 30
					Lesser Antilles.
Mar 30	MH	iPZ	05 00 53		USCGS: 55°N 164°E
	M	eZ	05 00 34		0 = 04 51 43
					Kamchatka.
Mar 30	M	eZ	12 16 42		USCGS: 52°N 160½°E
					0 = 12 07 24
					Kamchatka.
Mar 31	MH	iPZ	16 36 55		
	M	eZ	16 37 01		
	SH	eZ	16 36 59		
Mar 31	B	ePZ	18 31 18		USCGS: 8°N 124°E
		ePPZ	35 22		0 = 18 17 00 M = 7½
	BG	eSKSE	42 00		Philippine Islands.
		eSN	42 46		
		ePS	44 35		
	MH	iPZ	18 31 16		
	F	eZ	18 31 27		
	M	eZ	18 31 12		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Mar 31 (contd)	R	eZ	18 31 24		
	PA	eZ	18 35 41		
	C	eP	18 30 57		
		SKS	41 27		
	SH	ePZ	18 31 04		
		ePPZ	35 36		
		SKS	41 43		
Mar 31	B	eZ	21 06 53		USCGS: 8°N 124°E
	MH	iPZ	21 06 56		0 = 20 52 39
	F	eZ	21 06 54		Philippine aftershock.
	M	eZ	21 06 48		
	R	eZ	21 06 58		
	SH	ePZ	21 06 38		

Bulletin of the Seismographic Stations

Volume 25, No. 2, pp. 41–78

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

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From April 1, 1955, to June 30, 1955

BY

W. G. MILNE

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES
1957

SEISMOGRAPHIC STATIONS OF THE UNIVERSITY OF CALIFORNIA

Perry Byerly, Director

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and

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UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

1957

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

CALIFORNIA

CAMBRIDGE UNIVERSITY PRESS

LONDON, ENGLAND

Issued March 26, 1957

Price, 75 Cents

MADE IN THE UNITED STATES OF AMERICA

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

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. 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.
IX	Extremely strong shock; partial or total destruction of some buildings.
X	Shock of extreme intensity; disturbance of the strata; fissures in the ground; rock-falls from mountains; landslides; buildings ruined.

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
1	Apr. 2	02-22-51	4.2	39° 26'	118° 00'	c	Fairview Peak, Nev.
2	2	21-32-04	1.8	37° 50'	121° 59'	b	Southeast of Berkeley.
3	4	01-36-02	4.1	39° 30'	118° 01'	c	Fairview Peak, Nev.
4	4	17-34-32	1.6	37° 42'	122° 23'	a	South of San Francisco. One of a series of explosions. See special report following this list.
5	4	20-56-56	3.2	36° 05'	121° 00'	c	Southeast of King City.
6	4	22-23-38	2.5	37° 11'	121° 18'	c	Southeast of Mt. Hamilton.
7	5	01-07-37	3.9	39° 00'	118° 11'	c	Fairview Peak, Nev.
9	8	11-50-08	3.8	39.3°	118.0°	d	Fairview Peak, Nev.
10	9	17-43-24	1.8	38° 01'	122° 30'	b	North of San Francisco.
11	11	13-03-38	2.8	37° 30'	121° 20'	b	Northeast of Mt. Hamilton.
12	13	11-32-57	4.4	39° 32'	118° 05'	b	Fairview Peak, Nev.
13	14	19-28-48	2.0	37° 57'	122° 17'	a	North of Berkeley.
14	15	11-33-28	2.1	37° 43'	122° 04'	b	14 miles southeast of Berkeley. Felt at Hayward.
15	15	20-24-26	2.1	37° 58'	122° 26'	b	Northwest of Berkeley.
16	17	08-07-55	2.1	37° 19'	121° 43'	b	West of Mt. Hamilton.
4	26	17-58-50	1.1	37° 40'	122° 23'	b	South of San Francisco. Blast?
17	27	09-28-08	2.8	35.9°	121.2°	d	Southwest of King City.
4	27	16-58-50	1.4	37° 40'	122° 23'	b	South of San Francisco. Blast?
4	28	17-13-32	1.3	37° 40'	122° 23'	b	" " " " "
4	29	16-43-06	1.2	37° 40'	122° 23'	b	" " " " "
18	29	15-14-38	3.6	38° 57'	122° 46'	b	35 miles northeast of Santa Rosa. Felt over 900 square miles of the Clear Lake region in Lake County. Maximum intensity VI.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
4	May 2	16-37-41	1.4	37° 40'	122° 23'	b	South of San Francisco. Blast?
4	3	16-36-15	1.3	37° 40'	122° 25'	b	" " " " "
19	3	18-17-01	4.0	39.2°	118.0°	c	Fairview Peak, Nev.
20	4	22-07-12	3.1	38.3°	119.1°	d	Southeast of Markleeville.
4	6	19-22-36	1.2	37° 40'	122° 23'	b	South of San Francisco. Blast?
21	7	11-50-39	4.6	38° 56'	122° 52'	b	Near Clear Lake, Calif. Felt over approximately 1700 square miles. Of maximum intensity VI at Clear Lake Highlands and Lower Lake.
21	7	14-56-15	4.2	38° 56'	122° 52'	b	Aftershock of preceding.
22	8	10-38-31	4.5	38° 56'	118° 07'	b	Fairview Peak, Nev.
4	9	16-35-21	1.6	37° 42'	122° 30'	b	Southwest San Francisco. Blast?
23	13	01-09-26	3.5	39° 50'	123° 37'	c	17 miles northwest of Willits. IV at Branscome.
24	15	21-15-55	2.8	38° 40'	122° 33'	b	Northeast of Santa Rosa.
4	16	16-19-43	1.1	37° 40'	122° 25'	b	South of San Francisco. Blast?
25	16	18-22-52	3.0	35° 55'	120° 35'	c	Southwest of Coalinga.
26	17	10-22-02	2.0	37° 47'	122° 11'	a	Southeast of Berkeley.
4	18	18-08-54	1.2	37° 40'	122° 25'	c	South of San Francisco. Blast?
27	22	00-12-23	3.0	36° 35'	121° 15'	c	Southeast of Hollister.
4	23	16-49-05	1.2	37° 40'	122° 25'	c	South of San Francisco. Blast?
28	29	04-44-06	4.0	39.2°	118.2°	d	Fairview Peak, Nev. Double tremor.
29	30	09-38-29	3.0	36° 15'	121° 15'	c	West of King City.
30	30	21-28-26	4.5	39° 25'	118° 00'	c	Fairview Peak, Nev.
31	31	01-45-53	3.0	36° 24'	121° 15'	b	North of King City.
32	June 6	09-20-10	4.3	39° 10'	118° 10'	c	Fairview Peak, Nev.
33	7	11-40-13	2.9	40° 58'	121° 52'	d	12 miles northwest of Burney.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
34	June 8	02-26-44	2.9	40.8°	124.4°	d	12 miles west of Eureka. Felt at Eureka.
35	8	06-02-59	3.8	36° 47'	121° 26'	c	4 miles south southwest of Hollister.
36	8	12-22-11	4.5	38° 53'	118° 10'	b	Fairview Peak, Nev.
4	8	16-26-56	2.5	37° 40'	122° 32'	b	9 miles southwest of San Francisco. Felt.
37	10	14-55-12	2.5	36.3°	121.3°	c	North of King City.
38	10	18-26-37	3.6	37° 31'	118° 40'	b	West of Bishop. IV at Laws.
39	13	06-32-11	3.0	40° 24'	121° 16'	c	East of Mineral.
40	13	19-32-44	2.2	36.8°	121.7°	d	Northeast of Monterey.
41	16	23-53-03	2.4	37° 09'	122° 16'	c	Southwest of Palo Alto.
42	18	18-33-40	2.2	38° 06'	122° 30'	a	20 miles northwest of Berkeley.
43	19	05-36-33	2.5	35° 37'	121° 06'	c	Southeast of San Simeon.
44	19	19-20-00	5.2	38° 58'	118° 15'	b	Fairview Peak, Nev.
45	19	19-25-16	5.0	39.0°	118.5°	d	" " "
46	21	11-32-07	1.5	37° 43'	122° 08'	a	Southeast of Berkeley.
4	21	17-33-04	1.2	37° 40'	122° 23'	b	South of San Francisco. Blast?
47	22	08-28-56	3.1	36° 55'	121° 41'	a	Northwest of Hollister.
4	24	16-59-26	1.2	37° 40'	122° 23'	b	South of San Francisco. Blast?
48	24	21-06-38	2.5	37° 04'	121° 40'	b	South of Mt. Hamilton.
4	27	21-00-03	1.4	37° 40'	122° 25'	c	South of San Francisco. Blast?
26	27	22-42-51	2.4	38° 45'	122° 09'	c	East of San Leandro.
4	29	21-47-28	1.4	37° 40'	122° 24'	b	South of San Francisco. Blast?
4	30	11-11-51	2.8	37° 42'	122° 29'	c	South of San Francisco.
4	30	13-16-55	2.6	37° 41'	122° 30'	a	" " " "
49	30	20-29-16	4	41-1/2°	127-1/4°	d	150 miles off coast of California-Oregon border.

Aftershocks of the 1954 Nevada Earthquakes

The following list is a continuation of the lists in preceding bulletins giving the larger aftershocks of the large Nevada earthquakes of July 6 and August 24, 1954, G.C.T., and the major Nevada earthquakes of December 16, 1954, G.C.T. The list is probably nearly complete for shocks of magnitude above 4 and includes some of lower magnitude.

Coordinates of the original earthquakes are as follows:

Date 1954	Origin Time (G.C.T.)	Latitude North	Longitude West	Magnitude
July 6	11-13-20	39° 25'	118° 32'	6.8
Aug. 24	05-51-32	39° 35'	118° 27'	6.8
Dec. 16	11-07-13	39° 19'	118° 12'	7.2
Dec. 16	11-11-28	Epicenter about 30 miles north of preceding.		7.1

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
Apr. 2	02-22-51	4.2	39° 26'	118° 00'	c	
4	01-36-02	4.1	39° 30'	118° 01'	c	
5	01-07-37	3.9	39° 00'	118° 11'	c	
8	11-50-08	3.8	39.3°	118.0°	d	
13	11-32-57	4.4	39° 32'	118° 05'	b	
23	02-17-45	3.9	39° 00'	118° 04'	b	
28	22-11-33	3.9	39° 25'	118° 08'	b	
30	16-29-15	3.8	39° 00'	118° 20'	c	
May 3	18-17-01	4.0	39.2°	118.0°	c	
8	10-38-31	4.5	38° 56'	118° 07'	b	
20	10-49-00	3.6	39.2°	118.8°	d	Fallon.
29	04-44-06	4.0	39.2°	118.2°	d	Two earthquakes.

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
May 30	21-28-26	4.5	39° 25'	118° 00'	c	
June 6	09-20-10	4.3	39° 10'	118° 10'	c	
8	12-22-11	4.5	38° 53'	118° 10'	b	
19	19-20-00	5.2	38° 58'	118° 15'	b	
19	19-25-16	5.0	39.0°	118.5°	d	

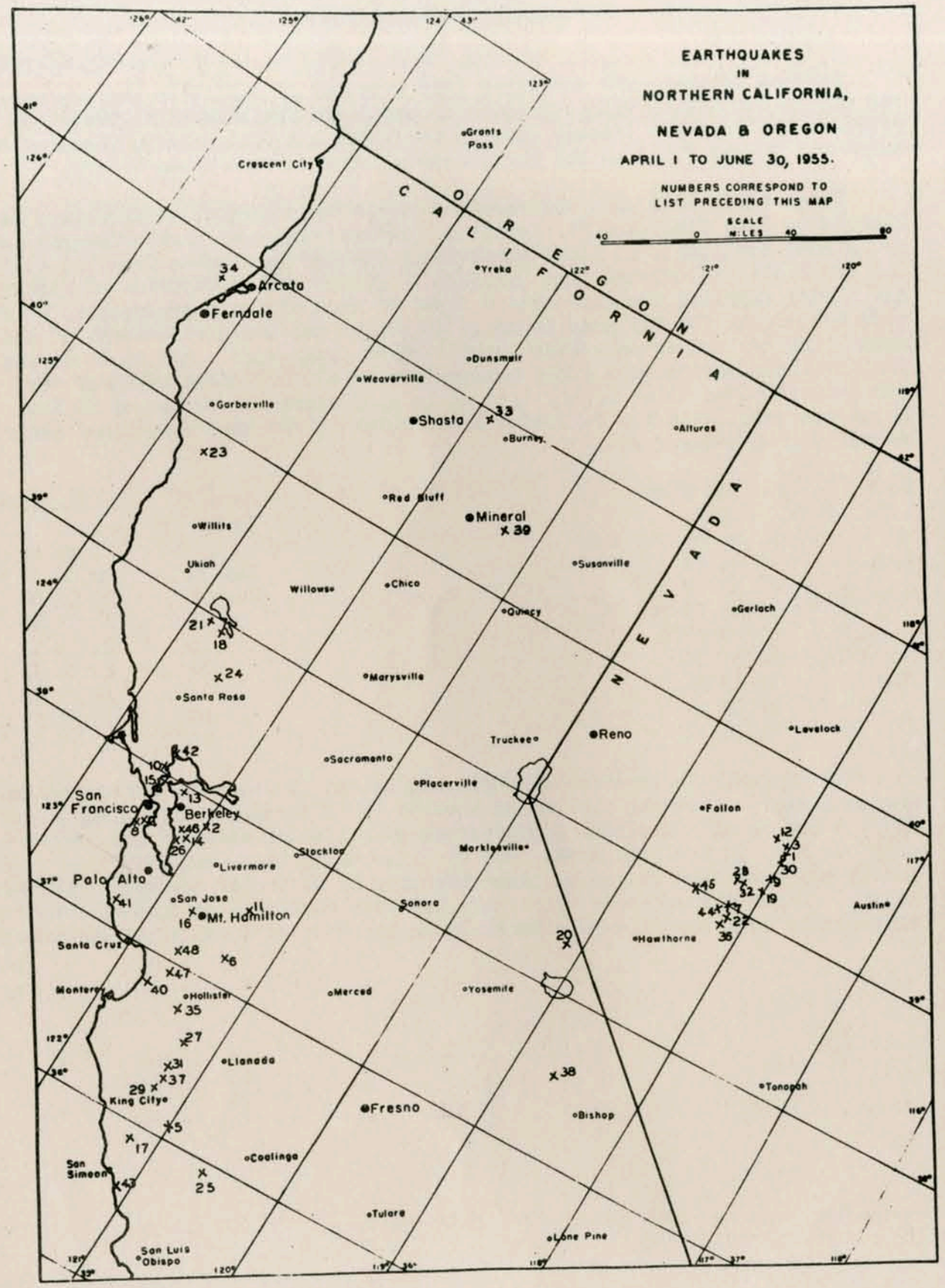
EXPLOSIONS IN SAN FRANCISCO BAY

Between October 1954 and March 1956 a number of explosive charges were set off in connection with a project of the State Division of Highways to relocate the Bayshore Freeway through the tidal mud flat between Candlestick Point and Sierra Point in the northeastern corner of San Mateo County.

These explosions were all recorded on the seismographs at Berkeley, San Francisco, Palo Alto, and Mt. Hamilton. Determination of Richter magnitudes by methods applicable to local earthquakes yielded magnitudes from 1.1 to 1.8 for these explosions. The District IV Office of the Division of Highways has kindly supplied the approximate times of each of their explosions, which were set off in the Bay muds in order to obtain uniform displacement of the underlying Bay mud as embankment construction progressed. All shots during the 18 months period were fired between 1 mile and 1.9 miles south of the San Francisco-San Mateo County line at an approximate elevation of 30 feet below sea level. In the following list, origin times were determined instrumentally from seismograms:

Date 1955	Origin Time G.C.T. h. m. s.	Date 1955	Origin Time G.C.T. h. m. s.
Apr. 4	17 34 32	May 31	19 09 30
7	22 59 19	June 6	17 54 08
11	18 48 19	15	20 55 48
19	00 09 07	16	21 10 11
26	21 31 30	22	18 04 33
May 2	19 13 35	23	17 25 47
9	17 42 53	27	18 05 09
16	21 36 12	28	22 21 56

The approximate location of these explosions is shown on the epicenter map as number 4. During the period covered by this report (April, May, June, 1955) a number of additional disturbances with similar seismographic appearance occurred in the same area. The Division of Highways suggests that these shocks may have been caused by other blasting by scavenger companies operating nearby. These disturbances which have not been confirmed as Freeway construction blasts have been listed separately in the list of local shock epicenters.



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
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'	123	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
1955			h. m. s.		
April 2	B	iPZ	00 02 51		USCGS: 53-1/2°N 154-1/2°E
		iZ	03 05		0 = 23 53 42 d = 400 Km.
	MH	iPZ	00 02 56		Off west coast of Kamchatka.
		iZ	03 20		
	F	eZ	00 03 06		
	M	iPZ	00 02 41		
	R	eZ	00 02 53		
	PA	iPZ	00 02 54		
	SH	iPZ	00 02 37		
April 4	B	ePZ	02 52 34		USCGS: 26-1/2°S 175-1/2°W
	MH	iPZ	02 52 39		0 = 02 40 17
	F	eZ	02 52 43		Kermadec Islands.
	M	eZ	02 52 50		
	SH	ePZ	02 52 49		
April 4	B	iP Z	11 24 52		USCGS: 22°N 121°E
	BG	eSKS	34 26		0 = 11 11 21
	MH	iP Z	11 24 55		Near south coast of Formosa.
	F	eP Z	11 24 57		
	M	eP Z	11 24 35		
	R	eZ	11 24 57		
	PA	eZ	11 24 53		
	SH	iPZ	11 24 44		
April 4	B	ePZ	19 31 47		USCGS: 13°N 87°W
	MH	ePZ	19 31 40		0 = 19 24 04 M = 6-1/4 (Pas.)
	F	ePZ	19 31 25		Nicaragua.
	M	iPZ	19 31 51		
	R	iPZ	19 31 39		
	SH	ePZ	19 31 55		
April 5	MH	iZ	11 36 16		USCGS: 13°N 142-1/2°E
	F	eZ	11 36 24		0 = 11 23 17
	M	eZ	11 36 12		Marianas Islands.
	R	eN	11 36 20		
	SH	eZ	11 36 10		
April 5	M	iZ	13 04 09		USCGS: 21-1/2°N 121°E
					0 = 13 48 46
					Off south coast of Formosa.
April 5	M	eZ	14 17 11		USCGS: 23°N 121°E
					0 = 14 02 46
					Formosa.
April 5	B	iPZ	15 13 15		USCGS: 25°N 110°W
	MH	iPZ	15 13 05		0 = 15 09 15 M = 7 (Pas.)
	F	ePZ	15 12 48		Gulf of California.
	M	iPZ	15 13 36		
	R	iPN	15 13 18		
	PA	ePZ	15 13 07		
	SF	ePE	15 13 20		
	Fe	eE	15 14 03		
	C	eP	15 14 18		
	SH	ePZ	15 13 41		
April 5	B	ePZ	16 20 19		
	MH	ePZ	16 20 14		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
April 5 (contd)	F	ePZ	16 19 58		
	M	iPZ	16 20 47		
	R	eN	16 20 26		
	PA	ePZ	16 20 20		
	C	eP	16 21 23		
	SH	ePZ	16 20 48		
April 5	B	eZ	19 25 59		USCGS: 26°N 109°W
	MH	iPZ	19 25 48		0 = 19 22 05
	M	eZ	19 25 14		Near coast of Mexico.
	R	eN	19 25 57		
	SH	eZ	19 26 25		
April 6	B	eZ	13 11 32		USCGS: 17-1/2°S 66-1/2°E
	MH	eZ	13 11 35		0 = 12 50 50
	F	eZ	13 11 05		Indian Ocean.
	M	eZ	13 10 52		
	R	eZ	13 11 01		
	SH	eZ	13 10 53		
April 6	B	eZ	13 38 15		BCIS: Gulf of California.
	MH	iZ	13 38 14		
	M	eZ	13 38 44		
	R	eZ	13 38 19		
April 6	MH	eZ	15 01 56		USCGS: 0 = 14 50 04
	M	eZ	15 02 06		Tonga Islands.
	SH	eZ	15 02 05		
April 6	MH	iPZ	18 25 34		BCIS: Santa Cruz Islands region,
	SH	iPZ	18 25 42		South Pacific, 0 = 18 14.1
April 6	B	eP'Z	20 08 42		USCGS: 33-1/2°S 87°E
	MH	eP'Z	20 08 44		0 = 19 48 46
	F	eP'Z	20 08 45		Indian Ocean.
	M	eP'Z	20 08 42		
	R	eP'Z	20 08 45		
	PA	eZ	20 09 11		
	SH	eP'Z	20 08 41		
April 7	MH	eZ	11 46 28		
	M	eZ	11 46 25		
	SH	eZ	11 46 28		
April 7	F	eZ	23 02 33		USCGS: 0 = 22 52 08
	SH	eZ	23 02 02		Kurile Islands.
April 8	MH	eZ	01 40 34		
	F	eZ	01 40 23		
	M	eZ	01 40 01		
	R	eZ	01 40 42		
	SH	eZ	01 40 57		
April 8	M	ePZ	03 08 37		USCGS: 18-1/2°S 167°E
					0 = 02 55 42
					New Hebrides Islands.
April 8	MH	iPZ	13 21 06		BCIS: 2°S 80°W
	M	ePZ	13 21 17		0 = 13 11 30
	R	eZ	13 21 07		Ecuador.
	SH	eZ	13 21 20		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
April 8	MH	iPZ	15 40 54		BCIS: 22°S 175-3/4°W
	F	eZ	15 40 59		0 = 15 28 58
	M	eZ	15 40 02		Tonga Islands.
	SH	eZ	15 40 31		
April 8	MH	ePZ	16 23 56		BCIS: 0 = 16 12 04
	F	eZ	16 23 59		Tonga Islands.
	R	eZ	16 24 05		
April 9	M	eZ	07 14 43		BCIS: 45.5°N 28.2°W
					0 = 07 03 59
					Mid-Atlantic.
April 9	B	iPZ	15 32 14		USCGS: 10°S 75°W
	MH	ePZ	15 32 09		0 = 15 21 41 d = 100 Km.
	F	iPZ	15 31 59		Central Peru.
	R	iPZ	15 32 11		
	PA	ePZ	15 32 11		
	SH	iPZ	15 32 24		
April 9	MH	iPZ	21 54 49		BCIS: 45°N 150-1/2°E
	F	ePZ	21 54 58		0 = 21 44 05
	M	iPZ	21 54 36		Kurile Islands.
	R	ePZ	21 54 47		
	SH	ePZ	21 54 22		
April 10	B	eZ	17 55 25		USCGS: 8°N 125°E
	MH	eZ	17 56 37		0 = 17 38 12
	F	eZ	17 56 09		Philippines aftershock.
April 10	M	eZ	23 41 48		USCGS: 12°S 167°E
					0 = 23 28 21
					Santa Cruz Islands.
April 10	M	eZ	24 04 26		USCGS: 0 = 23 53 30
					Hokkaido, Japan.
April 11	M	ePZ	01 03 45		USCGS: 6°S 147-1/2°E
					0 = 00 50 21
					Near north east coast of
					New Guinea.
April 11	M	eZ	20 29 03		USCGS: 13-1/2°N 87°W
					0 = 20 21 16
					Nicaragua-Honduras border.
April 12	M	eZ	10 46 47		USCGS: 0 = 10 39 32
					Near coast of Guatemala.
April 12	MH	iPZ	18 09 30		USCGS: 52°N 170°W
	F	eZ	18 09 38		0 = 18 02 03
	R	eZ	18 09 32		Fox Islands, Aleutian Islands.
	SH	eZ	18 09 11		
April 13	MH	iZ	03 52 31		USCGS: 0 = 03 40 50
	F	eZ	03 53 11		Fiji Islands region.
	M	eZ	03 53 15		
April 13	MH	eZ	20 59 33		USCGS: 37-1/2°N 22°E
	F	ePZ	20 59 29		0 = 20 45 45
	M	iPZ	20 59 17		Southern Greece.
April 14	B	ePPZ	01 47 02		USCGS: 30°N 10-1/2°E
	BG	e(SKS)N	53 39		0 = 01 28 58 M = 7-1/4 (Pas.)

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
April 14 (contd)		e (S) N	54 42		Sikang Province, China.
		e(PS) E	56 05		
		e(SS) N	02 01 29		
	MH	eZ	01 46 51		
	F	eZ	01 47 12		
	M	ePZ	01 42 59		
	R	eZ	01 43 00		
	SH	ePZ	01 42 54		
		ePPZ	46 36		
		e (S) N	53 24		
April 14	M	iPZ	04 17 10		USCGS: 0 = 04 07 45
	R	ePZ	04 17 23		Near south coast of
	SH	iPZ	04 17 05		Kamchatka.
April 14	MH	iPZ	08 31 35		USCGS: 0 = 08 24 50
	M	iPZ	08 31 48		Guatemala d = 150 Km.
April 14	M	eZ	12 32 47		USCGS: 52-1/2°N 170°W
	SH	eZ	12 32 47		0 = 12 25 34
					Fox Island. Aleutian Islands.
April 14	MH	iPZ	15 34 23		USCGS: 0 = 15 21 20
	M	eZ	15 34 32		Argentina.
	SH	eZ	15 34 35		
April 15	BG	ePZ	03 54 45		USCGS: 40°N 74-1/2°E
		ePPZ	59 01		0 = 03 40 52 M = 7 (Pas.)
		e(SKS)N	04 05 27		Kirgiz, S.S.R.
		e (S) E	06 18		
		e(PS) N	08 04		
	MH	iPZ	03 54 41		
	F	ePZ	03 54 54		
	M	ePZ	03 54 35		
	R	ePZ	03 54 39		
	SH	ePZ	03 54 33		
April 15	MH	eZ	04 31 34		USCGS: 40°N 75°E
	F	eZ	04 31 25		0 = 04 13 23
	M	eZ	04 27 07		Kirgiz aftershock.
	R	eZ	04 27 21		
	SH	eZ	04 27 04		
April 15	M	ePZ	14 28 13		
	SH	ePZ	14 28 06		
April 15	M	ePZ	16 20 04		USCGS: 19°S 168-1/2°E
					0 = 16 07 11
April 16	MH	iPZ	01 20 10		New Hebrides Islands.
	M	eZ	01 19 03		USCGS: 0 = 01 07 42
April 16	M	ePZ	21 49 47		Samoa Islands.
	R	ePZ	21 49 59		USCGS: 53-1/2°N 162°E
					0 = 21 40 30
April 17	M	eZ	12 58 06		Near east coast of Kamchatka.
	SH	eZ	12 58 05		USCGS: 0 = 12 48 55
April 17	B	ePZ	18 44 54		Near east coast of Kamchatka.
	BG	e (S) E	52 31		USCGS: 52°N 159-1/2°E
					0 = 18 35 27 d = 60 Km.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
April 17 (contd)	MH	ePZ	18 44 58		Off south coast of Kamchatka.
	F	ePZ	18 45 12		
	R	ePZ	18 44 58		
	PA	ePZ	18 44 58		
	SH	iPZ	18 44 41		
April 17	B	eZ	22 48 24		USCGS: 0 = 22 35 50
	MH	ePZ	22 48 20		Argentina.
	F	ePZ	22 48 12		
	R	ePZ	22 48 23		
	SH	iPZ	22 48 33		
April 17	B	iPZ	23 32 03		USCGS: 28°N 140°E
	MH	iPZ	23 32 06		0 = 23 20 33 d = 350 Km.
	R	ePZ	23 31 21		Bonin Islands region.
	PA	ePZ	23 32 04		
	SH	iPZ	23 31 55		
April 18	SH	eZ	09 01 02		USCGS: 0 = 08 47 58
					Off Formosa.
April 19	M	ePZ	07 46 31		USCGS: 0 = 07 28 04
					Celebes Sea.
April 19	MH	iPZ	10 08 53		USCGS: 0 = 09 57 50 d = 600 Km.
	SH	iPZ	10 09 00		Fiji Islands.
	M	iPZ	10 09 02		
	R	ePZ	10 08 58		
April 19	MH	iPZ	10 38 00		BCIS: 20°S 176°W
	M	iPZ	10 38 13		0 = 10 27.2 d = 600 Km.
	SH	ePZ	10 38 10		Fiji Islands.
April 19	MH	iPZ	14 39 34		USCGS: 28°S 176-1/2°W
	F	ePZ	14 39 37		0 = 14 27 11 d = 100 Km.
	M	ePZ	14 39 43		Kermadec Islands.
	SH	iPZ	14 39 43		
April 19	MH	ePZ	17 00 56		USCGS: 39-1/2°N 23°E
	F	ePZ	17 00 58		0 = 16 47 17
	M	ePZ	17 00 42		Near coast of Greece.
	R	ePZ	17 00 43		
	SH	ePZ	17 00 42		
April 19	B	ePZ	20 36 32		USCGS: 30°S 72°W
	BG	i (S) E	46 51		0 = 20 24 05 M = 7 (Pas.)
	MH	iPZ	20 36 29		Near coast of Central Chile.
	F	ePZ	20 36 20		
	M	ePZ	20 36 38		
	A	eN	20 37 08		
	R	ePZ	20 36 33		
	PA	iPZ	20 36 35		
	SF	eE	20 36 52		
	C	eP	20 37 04		
	SH	ePZ	20 36 39		
		e (S) N	47 06		
April 19	MH	iZ	21 01 57		
	SH	iPZ	21 02 10		
April 19	MH	eZ	21 19 02		
	SH	iZ	21 19 17		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
April 20	B	ePZ	02 25 00		USCGS: 30-1/2°S 72-1/2°W
	BG	e(S)Z	35 20		0 = 02 12 26 M = 6-1/2 (Pas.)
	MH	ePZ	02 24 49		Near coast of Central Chile.
	F	ePZ	02 24 47		
	M	ePZ	02 25 05		
	R	ePZ	02 24 55		
	SH	ePZ	02 25 09		
April 20	B	ePZ	06 01 01		USCGS: 30-1/2°S 72-1/2°W
	BG	e (S) E	11 20		0 = 05 48 27 M = 6-1/2 (Pas.)
	MH	iPZ	06 01 01		Near coast of Central Chile.
	F	ePZ	06 00 53		
	M	ePZ	06 01 08		
	R	ePZ	06 00 58		
	SH	ePZ	06 01 07		
April 20	M	iPZ	08 26 50		USCGS: 44-1/2°N 83-1/2°E
					0 = 08 13 35
					China.
April 21	F	eZ	07 31 55		USCGS: 39-1/2°N 23°E
	M	iPZ	07 31 42		0 = 07 18 15
	R	ePZ	07 31 43		Near east coast of Greece.
	SH	ePZ	07 31 40		
April 22	B	iPZ	16 37 50		USCGS: 46°N 150-1/2°E
	MH	iPZ	16 37 54		0 = 16 27 31 d = 100 Km.
	F	iPZ	16 38 04		Kurile Islands.
	M	iPZ	16 37 41		
	R	ePZ	16 37 53		
	PA	ePZ	16 37 50		
	C	iP	16 37 18		
	SH	iPZ	16 37 37		
April 23	MH	iPZ	04 10 31		USCGS: 0 = 03 58 03
	M	ePZ	04 10 40		Chile Aftershock.
	R	ePZ	04 10 36		
	SH	ePZ	04 10 42		
April 23	M	ePZ	04 39 12		USCGS: 0 = 04 27 00 d = 300 Km.
					Kermadec Islands.
April 23	B	ePZ	16 50 23		USCGS: 27-1/2°N 139-1/2°E
	MH	iPZ	16 50 27		0 = 16 39 04 d = 500 Km.
	F	ePZ	16 50 35		Bonin Islands region.
	M	iPZ	16 50 19		
	R	ePZ	16 50 29		
	PA	ePZ	16 50 25		
	SH	iPZ	16 50 16		
April 23	B	ePZ	18 39 17		USCGS: 24-1/2°S 113°W
	BG	e (S) E	47 51		0 = 18 28 47
		e(SS)N	52 06		Easter Islands region.
	MH	iPZ	18 39 13		
	F	ePZ	18 39 07		
	M	ePZ	18 39 32		
	A	eN	18 39 25		
	R	iPZ	18 39 27		
	PA	iPZ	18 39 15		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
April 23	SF	eE	18 39 28		
(contd)	C	iPZ	18 39 59		
	SH	iPZ	18 39 35		
April 23	M	eZ	19 52 54		USCGS: 0 = 19 41 20
					Chile aftershock.
April 24	M	ePZ	12 45 30		USCGS: 0 = 12 45 30
					Windward Passage.
April 24	B	ePZ	13 12 28		USCGS: 45°N 86°E
	MH	ePZ	13 12 37		0 = 12 59 00
	F	ePZ	13 12 43		China.
	M	ePZ	13 12 21		
	R	ePZ	13 12 33		
	C	eP	13 11 58		
	SH	iPZ	13 12 17		
April 24	M	ePZ	14 23 23		USCGS: 44°N 83-1/2°E
	SH	ePZ	14 24 57		0 = 14 11 42
					China.
April 24	M	ePZ	20 45 10		USCGS: 17°S 65°W
					0 = 20 34 35
					Central Bolivia.
April 24	MH	iPZ	21 17 25		USCGS: 7°N 71-1/2°W
	M	ePZ	21 17 21		0 = 21 07 55
					Colombia-Venezuela border.
April 25	M	ePZ	01 37 16		
	SH	ePZ	01 37 11		
April 25	M	ePZ	09 00 15		USCGS: 44-1/2°N 149-1/2°E
	SH	ePZ	09 00 11		0 = 08 49 50
					Kurile Islands.
April 25	B	ePZ	10 45 11.0		Pas.: 32°20'N 115°00'W
	MH	ePZ	10 44 58.5		0 = 10 43 08 M = 5.2
	SH	ePZ	10 45 42.5		California-Mexico border.
	F	ePZ	10 44 38.8		
	PA	ePZ	10 45 12		
	R	ePZ	10 45 19		
	M	ePZ	10 45 33		
April 26	B	iPZ	03 10 55		USCGS: 13-1/2°N 89-1/2°W
	F	eZ	03 10 37		0 = 03 03 34 M = 6-1/2 (Pas.)
	R	iPZ	03 10 52		Near coast of El Salvador.
	SH	iPZ	03 11 08		d = 60 Km.
April 27	M	ePZ	22 47 20		USCGS: 0 = 22 42 00
					China.
April 28	B	eZ	00 44 33		USCGS: 8-1/2°S 108-1/2°W
	MH	iZ	00 44 29		0 = 00 35 49
	F	eZ	00 44 20		Pacific Ocean.
	M	eZ	00 44 50		
	R	eZ	00 44 43		
	PA	eZ	00 44 31		
	SH	iZ	00 44 53		
April 28	B	iPZ	19 12 47		USCGS: 51°N 178-1/2°W
	BG	e (S) E	19 00		0 = 19 04 59

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
April 28 (contd)	MH	iPZ	19 12 54		Aleutians.
	F	iPZ	19 13 06		
	M	iPZ	19 12 40		
	A	eN	19 12 19		
	R	iPZ	19 12 52		
	PA	iPZ	19 12 50		
	SF	eE	19 12 51		
	C	iP	19 12 12		
	SH	iPZ	19 12 33		
April 28	B	iPZ	21 59 14		USCGS: 20°S 169-1/2°E
	MH	iPZ	21 59 16		0 = 21 46 30
	F	eZ	21 59 20		New Hebrides.
	M	iPZ	21 59 22		
	R	ePZ	21 59 27		
	PA	iPZ	21 59 14		
	SH	iPZ	21 59 51		
April 29	MH	eZ	08 33 04		USCGS: 0 = 08 23 03
	SH	iZ	08 33 16		Northern Kurile Islands.
	M	iZ	08 32 51		
April 30	MH	ePZ	01 40 04		USCGS: 12-1/2°N 87°W
	SH	ePZ	01 40 19		0 = 01 32 25
	F	ePZ	01 39 52		Nicaragua.
	M	ePZ	01 40 15		
	R	ePZ	01 40 04		
April 30	B	ePZ	01 51 24		USCGS: 12°N 87°W
	MH	ePZ	01 51 34		0 = 01 43 50
	SH	ePZ	01 51 49		Nicaragua.
	F	ePZ	01 51 27		
	M	ePZ	01 51 46		
	R	ePZ	01 50 33		
April 30	MH	iPZ	06 33 54		USCGS: 0 = 06 22 05
	SH	ePZ	05 34 00		Northern Chile.
	M	ePZ	06 33 57		
	R	ePZ	06 33 50		
April 30	M	ePZ	09 22 49		USCGS: 12-1/2°N 86-1/2°W
					0 = 09 15 00
					Nicaragua.
April 30	B	ePZ	14 16 21		USCGS: 40-1/2°N 143°E
	MH	ePZ	14 16 24		0 = 14 05 10
	SH	ePZ	14 16 10		Honshu, Japan.
	F	ePZ	14 16 34		
	M	ePZ	14 16 14		
	R	ePZ	14 16 24		
May 1	B	ePZ	10 06 30		USCGS: 39-1/2°N 143-1/2°E
	BG	i(S)NE	15 40		0 = 09 55 16
		i(SS)E	19 59		Honshu, Japan.
	MH	ePZ	10 06 34		
	SH	iPZ	10 06 20		
	F	ePZ	10 06 44		
	M	iPZ	10 06 24		
	R	ePZ	10 06 34		
	PA	ePZ	10 06 33		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 1	B	ePZ	14 09 58		USCGS: 39-1/2°N 143-1/2°E
	BG	i (S) E	19 08		0 = 13 58 44
	MH	iPZ	14 10 03		
	SH	ePZ	14 09 48		
	F	ePZ	14 10 12		
	M	ePZ	14 09 51		
	R	ePZ	14 09 41		
May 2	B	iPZ	12 51 12		USCGS: 19°N 145°E
	MH	iPZ	12 51 16		0 = 12 38 56
	SH	iPZ	12 51 08		Marianas Islands.
	F	ePZ	12 51 24		
	M	ePZ	12 51 11		
	R	ePZ	12 51 20		
	PA	ePZ	12 51 10		
May 3	MH	iPZ	13 00 19		USCGS: 8-1/2°S 79-1/2°W
	SH	iPZ	13 00 35		0 = 12 50 05
	M	ePZ	13 00 30		Off coast of Peru.
	R	ePZ	13 00 22		
May 3	MH	ePZ	15 27 38		USCGS: 12-1/2°S 166-1/2°E
	SH	ePZ	15 27 42		0 = 15 15 07
	M	ePZ	15 27 44		New Hebrides.
	R	ePZ	15 27 50		
May 3	B	ePZ	17 18 49		USCGS: 39-1/2°N 143°E
	MH	ePZ	17 18 53		0 = 17 07 33
	SH	ePZ	17 18 38		Northern Honshu, Japan.
	F	ePZ	17 19 00		
	M	ePZ	17 18 42		
	R	ePZ	17 18 53		
May 3	B	iPZ	19 03 31		
	SH	iPZ	19 03 26		
	F	ePZ	19 03 42		
	M	iPZ	19 03 29		
	R	ePZ	19 03 37		
May 4	MH	eZ	10 08 11		
	F	eZ	10 08 32		
	M	iZ	10 07 44		
	SH	iZ	10 07 36		
	R	eZ	10 08 07		
May 5	MH	ePZ	06 01 21		USCGS: 33°S 179-1/2°W
	SH	ePZ	06 01 30		0 = 05 48 30
	F	ePZ	06 01 25		Kermadec Islands.
	M	ePZ	06 01 30		
	R	ePZ	06 01 33		
May 5	MH	iPZ	08 23 06		USCGS: 0 = 08 44 12
	M	ePZ	08 23 18		New Britain.
	R	ePZ	08 23 05		
May 5	MH	ePZ	00 15 52		USCGS: 40°N 143°E
	SH	ePZ	00 15 41		0 = 00 04 31
	F	ePZ	00 16 01		Northern Honshu, Japan.
	M	ePZ	00 15 41		
	R	ePZ	00 15 52		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 6	B	ePZ	11 50 49		USCGS: 35-1/2°N 36°W
	MH	ePZ	11 50 48		0 = 11 39 53
	SH	ePZ	11 50 39		North Atlantic Ocean.
	F	ePZ	11 50 40		
	M	iPZ	11 50 37		
	R	ePZ	11 50 33		
	PA	ePZ	11 50 41		
May 6	MH	iPZ	13 54 07		
	M	ePZ	13 54 15		
May 6	MH	iPZ	16 43 56		USCGS: 51°N 180°
	SH	ePZ	16 43 35		0 = 16 35 57 d = 100 Km.
	M	ePZ	16 43 51		Andreanof Islands, Aleutian Islands.
May 7	MH	iPZ	01 46 19		USCGS: 28°S 179°W
	F	ePZ	01 46 23		0 = 01 34 16 d = 300 Km.
					Kermadec Islands.
May 7	B	iPZ	11 50 59.8		Berk.: 38°56'N 122°52'W
	SF	eE	11 51 02.2		0 = 11 50 39 M = 4.6
	SH	iPZ	11 51 09.3		Near Clear Lake, Calif.
	MH	iPZ	11 51 09.9		
	F	ePZ	11 51 29.2		
	R	ePZ	11 51 19.4		
	M	iPZ	11 51 07.6		
	A	eN	11 51 28.3		
	Fe	eE	11 51 28		
	C	eP	11 52 19		
	PA	iPZ	11 51 06.2		
May 8	MH	ePZ	09 40 39		USCGS: 43°N 111°W
	SH	ePZ	09 40 43		0 = 09 38 14
	F	ePZ	09 41 08		Idaho-Wyoming border.
	R	ePZ	09 40 35		
May 8	B	ePZ	10 35 27		USCGS: 25-1/2°N 110°W
	MH	iPZ	10 35 24		0 = 10 31 40
	SH	ePZ	10 35 57		Gulf of California.
	F	ePZ	10 35 02		
	R	ePZ	10 35 33		
May 9	MH	iPZ	11 12 29		
	SH	ePZ	11 12 58		
	F	ePZ	11 12 09		
	M	ePZ	11 12 54		
	R	ePZ	11 12 41		
May 9	B	ePZ	20 26 13		USCGS: 41°N 145°E
	MH	iPZ	20 26 18		0 = 20 15 10
	SH	ePZ	20 26 02		Northern Honshu, Japan.
	F	ePZ	20 26 27		
	M	iPZ	20 26 07		
	R	ePZ	20 26 16		
May 11	M	ePZ	01 01 26		USCGS: 8°S 128°E
					0 = 00 43 36
					Timor Island.
May 11	B	ePZ	11 13 42		USCGS: 0° 78°W
	MH	ePZ	11 13 36		0 = 11 04 00

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 11 (contd)	SH	ePZ	11 13 50		Ecuador.
	F	ePZ	11 13 26		
	M	ePZ	11 13 46		
	R	ePZ	11 13 39		
	PA	ePZ	11 13 39		
	C	eP	11 14 12		
May 11	MH	iPZ	16 00 40		USCGS: 36°N 140-1/2°E
	SH	ePZ	16 00 24		0 = 15 48 57
					Honshu, Japan.
May 11	B	e (T) Z	21 50 25		
	MH	e (T) Z	21 50 33		
	PA	e (T) Z	21 50 26		
May 12	MH	iPZ	07 30 02		USCGS: 22°S 68°W
	SH	iPZ	07 30 12		0 = 07 18 00
	F	ePZ	07 30 01		Chile-Bolivia border.
	M	ePZ	07 30 09		
May 13	B	ePZ	03 39 19		USCGS: 19-1/2°N 64°W
	MH	iPZ	03 39 16		0 = 03 29 55
	SH	iPZ	03 39 19		Virgin Island region.
	F	ePZ	03 39 05		
	M	ePZ	03 39 16		
	R	ePZ	03 39 06		
May 13	M	ePZ	05 30 34		USCGS: 0 = 05 21 14
					Virgin Island's aftershock.
May 13	M	ePZ	07 08 36		USCGS: 0 = 06 59 31
					Virgin Island's aftershock.
May 14	B	iPZ	06 15 33	c	USCGS: 28°N 139-1/2°E
		ipPZ	17 17		0 = 06 04 14 d = 500 Km.
		ePPZ	18 31		M = 6-3/4 Bonin Islands region.
	BG	e (S) E	24 51		
	MH	iPZ	06 15 37	c	
		ipPZ	17 20		
		iPPZ	18 41		
	SH	iPZ	06 15 25	c	
		ipPZ	17 09		
		iPPZ	18 29		
		i (S) E	24 37		
	F	iPZ	06 15 44		
		ipPZ	17 29		
		e (S) E	25 15		
	M	ePZ	06 15 28		
	R	iPZ	06 15 38	c	
		epPZ	17 23		
	PA	iPZ	06 15 33		
	C	iP	06 14 14		
May 14	SH	ePZ	12 43 38		USCGS: 59-1/2°N 151-1/2°W
	F	ePZ	12 44 18		0 = 12 38 08 d = 100 Km.
	M	ePZ	12 43 44		Kenai Peninsula, Alaska.
	R	ePZ	12 44 17		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 14	M	eZ	13 48 25		USCGS: 37°N 71-1/2°E 0 = 13 35 38 Hindu Kush.
May 14	MH	iPZ	21 35 13		USCGS: 61°N 148°W
	SH	ePZ	21 34 33		0 = 21 29 01
	M	iPZ	21 34 42		Kenai Peninsula, Alaska.
	R	ePZ	21 34 52		
May 15	M	iPZ	10 20 22		USCGS: 18°S 168-1/2°E 0 = 10 07 34 New Hebrides.
May 16	MH	iZ	01 07 24		
	SH	eZ	01 07 30		
May 16	SH	eZ	03 46 17		USCGS: 0 = 03 34 30 Honshu, Japan.
	M	eZ	03 46 21		
	R	eZ	03 46 44		
May 17	SH	eZ	08 06 32		
	M	eZ	08 06 35		
	R	eZ	08 06 41		
May 17	SH	ePZ	14 13 25		USCGS: 56°N 156-1/2°W
	M	ePZ	14 13 31		0 = 14 07 43 Off south coast of Alaska.
May 17	B	eP'Z	15 08 55		USCGS: 7°N 94-1/2°E
		ePPZ	10 44		0 = 14 49 47 M = 7
	BG	e(SKS)E	15 59		Nicobar Islands.
		e(PS)E	20 41		
	MH	eP'Z	15 08 52		
	SH	eP'Z	15 08 52		
	F	eP'Z	15 09 01		
	R	eP'Z	15 08 54		
	PA	eP'Z	15 08 58		
May 17	MH	iPZ	21 34 48		BCIS: 37-1/2°N 134-1/2°E
	SH	iPZ	21 34 41		0 = 21 23 41 d = 360
	M	iPZ	21 34 39		Japan.
	R	ePZ	21 34 54		
May 18	M	ePZ	05 39 30		USCGS: 23°N 121-1/2°E 0 = 05 26 14 Near Formosa.
May 18	M	ePZ	07 36 15		USCGS: 0 = 07 23 00 Formosa aftershock.
May 18	MH	iPZ	15 59 12		USCGS: 5°S 150°E
	SH	ePZ	15 59 09		0 = 15 46 04
	M	ePZ	15 59 07		New Britain.
May 19	B	ePZ	07 18 49		USCGS: 19°S 69°W
	MH	iPZ	07 18 46		0 = 07 07 13 d = 100 Km.
	SH	ePZ	07 18 59		Northern Chile.
	F	ePZ	07 18 36		
	M	ePZ	07 18 55		
	R	ePZ	07 18 49		
May 21	B	iPZ	01 42 15		USCGS: 29°N 140°E
	MH	iPZ	01 42 19		0 = 01 30 15
	SH	iPZ	01 42 07		Bonin Islands foreshock.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 21	F	ePZ	01 42 27		
(contd)	M	ePZ	01 42 10		
	R	ePZ	01 42 20		
May 21	B	ePZ	03 42 08		USCGS: 29°N 140°E
	MH	iPZ	03 42 13		0 = 03 30 06
	SH	iPZ	03 41 59		Bonin Islands.
	F	iPZ	03 42 21		
	M	ePZ	03 42 02		
	R	iPZ	03 42 15		
	PA	iPZ	03 42 09		
May 21	M	ePZ	15 46 19		USCGS: 0 = 15 27 10 Eastern Java.
May 21	MH	iPZ	15 50 42		USCGS: 15-1/2°S 173°W
	SH	ePZ	15 50 51		0 = 15 39 24
	F	ePZ	15 50 46		Samoa Islands.
	M	ePZ	15 50 52		
	R	ePZ	15 50 57		
May 21	M	ePZ	22 56 12		BCIS: 23°S 178°W 0 = 22 44 46 d = 300 Km. Fiji Islands.
May 22	SH	ePZ	14 17 41		USCGS: 18°N 147-1/2°E
	M	ePZ	14 17 45		0 = 14 06 35
	R	ePZ	14 17 54		Marianas Islands.
May 22	MH	iPZ	23 55 58		USCGS: 11°S 74°W
	SH	ePZ	23 56.11		0 = 23 45 17 d = 100 Km.
	F	ePZ	23 55 47		Central Peru.
	M	iPZ	23 56 52		
	R	ePZ	23 56 00		
May 23	MH	iPZ	17 54 24		USCGS: 18°S 169°E
	SH	iPZ	17 54 28		0 = 17 41 40
	F	ePZ	17 54 29		New Hebrides.
	M	ePZ	17 54 30		
	R	ePZ	17 54 36		
May 24	MH	iPZ	01 22 36		USCGS: 0 = 01 12 11
	SH	iPZ	01 22 21		Kurile Islands.
	F	ePZ	01 22 48		
	M	iPZ	01 22 26		
	R	ePZ	01 22 37		
May 24	M	ePZ	06 41 43		BCIS: 3-1/2°N 83-3/4°W 0 = 06 32 48 Panama.
May 24	MH	iPZ	16 43 21		
	SH	ePZ	16 43 33		
	M	ePZ	16 43 31		
	R	ePZ	16 43 22		
May 25	BG	eZ	03 15 47		USCGS: 14°N 92-1/2°W
		eZ	16 04		0 = 03 08 58
	MH	iPZ	03 15 56		Off coast of Guatemala.
		iZ	16 09		
	SH	eZ	03 16 15		
	F	eZ	03 15 43		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 25 (contd)	M	iPZ	03 16 11		
	R	eZ	03 15 58		
	C	e	03 16 41		
May 25	MH	iPZ	04 05 24		USCGS: 54°N 165-1/2°W
	SH	iPZ	04 05 01		0 = 03 58 36
	F	iPZ	04 05 36		Fox Island, Aleutian Islands.
	M	ePZ	04 05 06		
	R	ePZ	04 05 21		
	PA	iPZ	04 05 20		
May 25	MH	iPZ	11 44 36		
	SH	eZ	11 44 44		
	M	eZ	11 44 45		
May 25	F	ePZ	12 36 21		USCGS: 46°N 27°W
	M	ePZ	12 36 09		0 = 12 25 25
					North Atlantic Ocean.
May 25	MH	iPZ	18 30 54		USCGS: 48°N 157°E
	SH	ePZ	18 30 33		0 = 18 20 53
	F	ePZ	18 31 01		Kurile Islands.
	M	ePZ	18 30 38		
	R	ePZ	18 30 50		
May 26	M	ePZ	06 20 04		USCGS: 9-1/2°N 79-1/2°W
	R	ePZ	06 19 52		0 = 06 11 11
					Panama.
May 26	MH	iPZ	07 09 06		USCGS: 10-1/2°N 65°W
	SH	ePZ	07 09 11		0 = 06 59 13
	F	ePZ	07 08 54		Near coast of Venezuela.
	M	iPZ	07 09 10		
May 26	SH	ePZ	12 57 07		USCGS: 0 = 12 45 40
	M	ePZ	12 57 51		Honshu, Japan.
May 26	M	eZ	13 34 05		USCGS: 0 = 13 15 12
					Nicobar Islands.
May 26	MH	iZ	16 00 52		
	SH	eZ	16 00 53		
	M	eZ	16 00 55		
May 26	BG	ePZ	16 35 56		USCGS: 10°S 161°E
		e(SKS)NE	46 33		0 = 16 23 10
		e (S) E	47 45		Solomon Islands.
	MH	iPZ	16 35 57		
	SH	ePZ	16 35 58		
	F	eZ	16 36 03		
	M	ePZ	16 36 00		
	R	ePZ	16 36 06		
	PA	ePZ	16 35 58		
	C	eP	16 36 06		
May 26	BG	eZ	21 33 41		USCGS: 10°S 160-1/2°E
	MH	iPZ	21 33 51		0 = 21 20 57
	SH	ePZ	21 33 44		Solomon Islands.
	F	ePZ	21 33 41		
	M	ePZ	21 33 45		
	R	ePZ	21 33 53		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 27	MH	iPZ	12 39 25		USCGS: 10°S 160-1/2°E
	SH	ePZ	12 39 26		0 = 12 26 39
	M	ePZ	12 39 28		Solomon Islands.
	R	ePZ	12 39 34		
May 28	B	iPZ	06 33 05	d	USCGS: 30-1/2°S 65°W
		ipPZ	50		0 = 06 20 40 M = 6-3/4
		iPPZ	37 10		d = 200 Kms. Argentina.
	BG	i(S)NE	43 27		
	MH	iPZ	06 33 01	d	
	SH	iPZ	06 33 12		
		ipPZ	58		
	F	iPZ	06 32 53		
		eS	43 03		
	M	iPZ	06 33 10		
		ipPZ	55		
	R	iPZ	06 33 04		
		ipPZ	49		
	PA	iPZ	06 33 03		
		ipPZ	49		
	C	iP	06 33 29		
		iS	44 17		
May 28	B	iPZ	19 45 22		Pas.: 35°34'N 118°14'W
	SH	eZ	19 45 56		0 = 19 44 20 M = 4.5
	MH	iPZ	19 45 12		Southeast of Weldon, Calif.
	M	ePZ	19 45 46		
	SF	eE	19 45 27		
	F	iPZ	19 44 51		
	R	ePZ	19 45 27		
	PA	iPZ	19 45 18		
May 28	M	eZ	23 34 43		USCGS: 17-1/2°S 179°W
					0 = 22 12 52 d = 600 Km.
					Fiji Islands.
May 29	MH	iPZ	01 26 38		USCGS: 24°S 177-1/2°E
	SH	iPZ	01 26 46		0 = 01 15 07 d = 600 Km.
	F	ePZ	01 26 42		Fiji Islands.
	M	ePZ	01 26 46		
	R	ePZ	01 26 51		
May 29	B	ePZ	02 41 06		USCGS: 50°N 151°E
	MH	ePZ	02 41 10		0 = 02 31 34 d = 400 Kms.
	SH	ePZ	02 40 52		Sea of Okhotsk.
	F	ePZ	02 41 19		
	R	ePZ	02 41 12		
May 29	B	iPZ	04 18 51		USCGS: 0 = 03 59 05
	MH	ePZ	04 18 47		Bouvet Island region.
	SH	ePZ	04 18 51		
	F	ePZ	04 18 43		
	M	ePZ	04 18 50		
	R	iZ	04 18 50		
	PA	iPZ	04 18 50		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 29	B	ePZ	11 15 56		USCGS: 49°N 157°E
	MH	ePZ	11 15 45		0 = 11 05 50
	SH	iPZ	11 15 29		Northern Kurile Islands.
	F	eZ	11 15 57		
	M	eZ	11 15 32		
	R	eZ	11 15 46		
May 29	MH	eZ	11 22 23		
	SH	eZ	11 23 39		
	M	eZ	11 22 32		
		eZ	11 23 48		
May 29	B	ePZ	13 37 14		USCGS: 56°N 155°W
	BG	eN	44 09		0 = 13 31 26
	MH	ePZ	13 37 27		Kodiak Island.
	SH	iPZ	13 36 59		
	F	ePZ	13 37 37		
	M	ePZ	13 37 05		
	R	ePZ	13 37 19		
	C	eP	13 36 29		
May 29	M	eZ	14 32 40		
	SH	eZ	14 32 24		
May 29	MH	ePZ	14 50 38		BCIS: 0 = 14 44 30
	SH	iPZ	14 50 12		Kodiak Island.
	M	iPZ	14 50 18		
May 29	M	ePZ	15 53 12		USCGS: 10-1/2°S 110-1/2°E
	R	ePZ	15 53 10		0 = 15 34 00
					Off south coast of Java.
May 29	MH	ePZ	21 08 39		USCGS: 56°N 155°W
	SH	ePZ	21 08 43		0 = 21 03 07
	F	ePZ	21 08 19		Kodiak Island.
	M	ePZ	21 08 49		
	R	ePZ	21 09 04		
	C	eP	21 08 16		
May 29	SH	ePZ	21 31 58		USCGS: 0 = 21 20 00 d = 100 Km.
					Northern Chile.
May 30	SH	ePZ	00 32 47		USCGS: 19°N 63°W
	M	ePZ	00 32 44		0 = 00 23 15
					Leeward Islands.
May 30	MH	iPZ	08 08 05		USCGS: 0 = 07 55 50
	SH	iPZ	08 07 54		Volcano Islands.
	M	ePZ	08 07 57		
May 30	SH	ePZ	08 35 34		USCGS: 0 = 08 24 00
	M	ePZ	08 35 36		Samoa Islands.
May 30	SH	ePZ	09 37 56		USCGS: 0 = 09 32 10
	M	eZ	09 38 02		Off coast of Alaska peninsula.
	R	eZ	09 38 16		
May 30	B	iPZ	12 42 52	d	USCGS: 24-1/2°N 142-1/2°E
	BG	ipPZ	44 56		0 = 12 31 41 d = 600 Km. M = 7-1/4
		iPPZ	45 53		Volcano Islands.
		i (S)E	52 06		
		i(sS)N	55 39		
	MH	iPZ	12 42 56	d	

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
May 30		epPZ	44 59		
(contd)	SH	iPZ	12 42 46	d	
		ipPZ	44 50		
		e(S)E	51 45		
	F	iPZ	12 43 04		
	M	iPZ	12 42 50	d	
	R	ePZ	12 42 59		
	PA	iPZ	12 43 54		
	SF	eE	12 42 55		
	C	iP	12 42 39		
	Fe	eE	12 51 45		
May 30	SH	eZ	13 29 35		
	F	eZ	13 29 52		
	M	eZ	13 29 34		
	R	eZ	13 29 53		
May 30	MH	iPZ	17 05 54		USCGS: 17°S 178-1/2°W
	SH	iPZ	17 06 02		0 = 16 54 57 d = 550 Km.
	F	ePZ	17 05 58		Fiji Islands.
	M	iPZ	17 06 03		
	R	ePZ	17 06 07		
May 30	B	ePZ	23 40 42		USCGS: 3°S 137°E
	MH	ePZ	23 40 45		0 = 23 26 50
	SH	ePZ	23 40 40		Western New Guinea
	F	ePZ	23 40 52		
	M	ePZ	23 40 44		
	R	ePZ	23 40 41		
May 31	B	ePZ	09 43 05		USCGS: 27°S 177-1/2°W
	MH	iPZ	09 43 05		0 = 09 30 44 M = 6-3/4
	SH	iPZ	09 43 13		d = 100 Km. Kermadec Islands.
	F	ePZ	09 43 09		
	M	ePZ	09 43 14		
	R	ePZ	09 43 18		
	PA	iPZ	09 43 04		
May 31	MH	iPZ	14 55 21		USCGS: 42°N 141°E
	SH	iPZ	14 55 06		0 = 14 44 10 d = 100 Km.
	F	ePZ	14 55 30		Hokkaido, Japan.
	R	iPZ	14 55 20		
May 31	B	iPZ	18 05 50		USCGS: 0° 92°W
	MH	ePZ	18 05 45		0 = 17 57 12
	SH	ePZ	18 06 04		Galapagos Islands.
	F	ePZ	18 05 33		
	M	iPZ	18 06 01		
	R	iPZ	18 05 51		
	C	iP	18 06 32		
June 1	MH	iPZ	10 26 14		
	SH	ePZ	10 26 26		
	M	iPZ	10 26 23		
	R	ePZ	10 26 15		
June 1	SH	ePZ	20 28 48		USCGS: 0 = 20 13 43
	M	ePZ	20 28 52		Yukon-Alaska border.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
June 2	B	ePZ	00 26 53		USCGS: 51-1/2°N 180°
	MH	iPZ	00 26 59		0 = 00 18 56 M = 6-3/4 (Pas.)
	SH	ePZ	00 26 38		Andreanof Islands, Aleutian Islands.
	F	ePZ	00 27 10		
	M	ePZ	00 26 43		
	R	ePZ	00 26 57		
	PA	ePZ	00 26 56		
	SF	eE	00 27 03		
	C	iP	00 26 16		
June 2	B	ePZ	02 10 08		USCGS: 51-1/2°N 180°
	MH	iPZ	02 10 13		0 = 02 02 10
	SH	ePZ	02 09 51		Andreanof Islands aftershock.
	F	ePZ	02 10 13		
	M	ePZ	02 09 58		
	R	ePZ	02 10 11		
	PA	ePZ	02 10 11		
	C	iP	02 09 31		
June 3	SH	ePZ	01 46 19		USCGS: 38-1/2°N 141°E
	M	iPZ	01 46 23		0 = 01 35 02
	R	ePZ	01 46 33		Honshu, Japan.
June 3	MH	iPZ	05 24 48		USCGS: 51-1/2°N 179°W
	SH	ePZ	05 24 28		0 = 05 16 56 d = 100 Km.
	F	ePZ	05 24 59		Aleutian Islands.
	M	ePZ	05 24 33		
	R	ePZ	05 24 37		
June 4	SH	ePZ	14 51 09		USCGS: 34°N 140°E
	M	ePZ	14 51 14		0 = 14 39 30
					Honshu, Japan.
June 4	B	ePZ	17 02 33		USCGS: 40°N 142-1/2°E
	MH	iPZ	17 02 39		0 = 16 51 22 d = 60 Km.
	SH	ePZ	17 02 23		Off coast of Northern Honshu, Japan.
	F	ePZ	17 02 59		
	M	ePZ	17 02 27		
	R	ePZ	17 02 42		
	PA	ePZ	17 02 38		
June 4	B	ePZ	17 33 46		USCGS: 40°N 142-1/2°E
	MH	iPZ	17 33 49		0 = 17 22 31 d = 60 Km.
	SH	ePZ	17 33 39		Off coast of Northern Honshu, Japan.
	F	ePZ	17 33 58		
	R	ePZ	17 33 47		
	PA	ePZ	17 33 49		
June 4	F	ePZ	19 17 44		USCGS: 16°S 173°W
	R	ePZ	19 17 55		0 = 19 06 15
					Samoa Islands.
June 5	B	ePZ	02 01 12		USCGS: 51-1/2°N 180°
	BG	e (S) E	07 29		0 = 01 53 16
		e(SS)N	11 13		Andreanof Islands, Aleutian Islands.
	MH	iPZ	02 01 18		
	SH	ePZ	02 00 57		
		eZ	06 48		
	F	ePZ	02 01 31		
	M	iPZ	02 01 04		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
June 5 (contd)	R	ePZ	02 01 16		
	PA	ePZ	02 01 18		
	C	eP	02 00 37		
June 5	MH	ePZ	02 21 48		USCGS: 51°N 179-1/2°E
	SH	ePZ	02 21 27		0 = 02 13 42
	M	ePZ	02 21 36		Andreanof Islands, Aleutian Islands.
June 5	B	ePZ	06 24 39		USCGS: 24-1/2°N 122°E
	MH	ePZ	06 24 41		0 = 06 11 18
	SH	ePZ	06 24 32		Formosa.
	F	ePZ	06 24 53		
	M	ePZ	06 24 34		
	R	ePZ	06 24 42		
June 5	B	ePZ	08 49 43		USCGS: 18°S 178°W
	MH	ePZ	08 49 43		0 = 08 38 30 d = 400 Km.
	SH	ePZ	08 49 51		Fiji Islands.
	F	ePZ	08 49 48		
	M	iPZ	08 49 53		
	R	ePZ	08 49 57		
June 5	MH	iPZ	15 09 16		USCGS: 36-1/2°N 1-1/2°E
	SH	ePZ	15 09 03		0 = 14 56 13
	F	ePZ	15 09 12		Near north coast of Algeria.
	M	iPZ	15 09 04		
	R	ePZ	15 09 03		
June 5	MH	ePZ	22 58 05		USCGS: 0 = 22 45 17
	SH	ePZ	22 57 57		Marianas Islands.
	M	iPZ	22 58 02		
June 6	MH	ePZ	01 29 55		USCGS: 12°N 144°E
	SH	iPZ	01 29 50		0 = 01 17 09
	F	ePZ	01 30 04		Marianas Islands.
	M	ePZ	01 29 54		
	R	ePZ	01 30 01		
June 6	B	ePZ	14 30 19		USCGS: 0 = 14 18 15
	MH	iPZ	14 30 19		Tonga Islands.
	SH	iPZ	14 30 28		
	F	ePZ	14 30 22		
	R	ePZ	14 30 32		
June 6	MH	iPZ	14 49 33		USCGS: 11°S 162°E
	M	ePZ	14 49 46		0 = 14 36 49
					Solomon Islands.
June 7	MH	ePZ	04 51 52		
	F	ePZ	04 51 49		
	M	ePZ	04 51 44		
June 8	SH	ePZ	01 32 59		BCIS: 50-1/2°N 157°E
					0 = 01 23 27
					Kamchatka.
June 8	B	ePZ	13 55 42		USCGS: 0 = 13 47 22
	MH	iPZ	13 55 48		Aleutian Islands.
	SH	iPZ	13 55 28		
	F	ePZ	13 56 00		
	M	iPZ	13 55 33		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
June 8	MH	ePZ	17 14 42		USCGS: 16°N 94°W
	SH	ePZ	17 15 01		0 = 17 08 13 d = 100 Km.
	F	ePZ	17 14 28		Near coast of Chiapas, Mexico.
	M	ePZ	17 14 57		
	R	ePZ	17 14 45		
June 8	MH	iPZ	22 28 14		USCGS: 13°S 167°E
	SH	ePZ	22 28 16		0 = 22 16 03 d = 200 Km.
	F	ePZ	22 28 19		New Hebrides Islands.
	M	ePZ	22 28 19		
	R	ePZ	22 28 24		
June 9	B	iPZ	04 17 07		USCGS: 16°S 179°W
	MH	iPZ	04 17 07		0 = 04 05 20
	SH	iPZ	04 17 15		Fiji Islands.
	F	ePZ	04 17 12		
	M	ePZ	04 17 16		
	R	iPZ	04 17 21		
	PA	iPZ	04 17 06		
June 10	MH	ePZ	00 49 21		
	SH	ePZ	00 49 29		
	F	ePZ	00 49 24		
	M	ePZ	00 49 30		
June 10	MH	ePZ	16 04 36		USCGS: 0 = 15 53 19
	SH	ePZ	16 04 55		300 miles south of Easter Island.
	F	ePZ	16 04 30		
	R	ePZ	16 04 48		
June 10	MH	ePZ	19 06 31		USCGS: 0 = 18 55 00
	SH	ePZ	19 06 50		500 miles south of Easter Island.
	R	ePZ	19 06 43		
June 10	MH	ePZ	22 12 10		USCGS: 15°S 177-1/2°W
	SH	ePZ	22 12 18		0 = 21 59 31
	F	ePZ	22 12 14		Fiji Islands.
	R	eZ	22 12 23		
June 11	B	iPZ	21 23 16		USCGS: 16-1/2°S 179°W
	MH	ePZ	21 23 16		0 = 21 12 27 d = 650 Km.
	SH	iPZ	21 23 23		Fiji Islands.
	F	iPZ	21 23 20		
	M	ePZ	21 23 24		
	R	iPZ	21 23 28		
	PA	ePZ	21 23 15		
June 11	B	iPZ	22 31 17		USCGS: 27°S 63°W
	MH	iPZ	22 31 15		0 = 22 19 40 d = 600 Km.
	SH	iPZ	22 31 25		Santiago del Estero province,
	F	ePZ	22 31 06		Argentina.
	M	iPZ	22 31 23		
	R	iPZ	22 31 17		
	PA	iPZ	22 31 16		
	C	iP	22 31 41		
June 11	MH	iPZ	22 49 23		
	SH	iPZ	22 49 16		
	M	iPZ	22 49 18		
	R	ePZ	22 49 21		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
June 12	MH	iPZ	00 23 19		USCGS: 0 = 00 12 00
	SH	ePZ	00 23 38		350 miles south of Easter Island.
	F	ePZ	00 23 13		
	R	ePZ	00 23 30		
June 12	MH	ePZ	01 28 06		USCGS: 29-1/2°S 178-1/2°W
	M	ePZ	01 28 20		0 = 01 15 25
					Kermadec Islands.
June 12	SH	ePZ	05 24 41		USCGS: 49°N 156°E
					0 = 05 14 58
					Kurile Islands.
June 12	B	iPZ	20 40 42		USCGS: 49°N 155°E
	BG	e (S) N	20 48 51		0 = 20 30 45
	MH	ePZ	20 40 46		Kurile Islands.
	SH	eZ	20 40 29		
	F	ePZ	20 40 57		
	M	ePZ	20 40 33		
	R	iPZ	20 40 45		
June 13	B	ePZ	05 18 17		USCGS: 29-1/2°N 130°E
	MH	ePZ	05 18 11		0 = 05 05 28
	SH	ePZ	05 17 59		Ryukyu Islands.
	F	ePZ	05 18 19		
	M	ePZ	05 18 14		
	R	ePZ	05 18 12		
June 13	B	ePZ	14 03 21		USCGS: 47°N 151°E
	MH	ePZ	14 03 25		0 = 13 52 59
	SH	ePZ	14 03 08		Kurile Islands.
	F	iPZ	14 03 37		
	M	ePZ	14 03 12		
	R	ePZ	14 03 24		
June 13	MH	iPZ	21 48 46		USCGS: 21-1/2°S 170-1/2°E
	F	ePZ	21 49 21		0 = 21 36 06 d = 100 Km.
	M	ePZ	21 49 22		Loyalty Islands region.
June 14	B	iPZ	06 16 32		USCGS: 20°N 107°W
	BG	i (S)E	20 48		0 = 06 11 18 M = 7 (Pas.)
		e (S)N	20 56		Off coast of Colima, Mexico.
	MH	iPZ	06 16 08		
	SH	ePZ	06 16 42		
	F	iPZ	06 16 10		
	M	ePZ	06 16 31		
	R	ePZ	06 16 24		
	PA	ePZ	06 16 27		
	SF	eE	06 16 34		
	C	iP	06 17 28		
June 14	B	ePZ	07 41 35		USCGS: 0 = 07 36 29
	MH	ePZ	07 41 26		Colima, Mexico aftershock.
	SH	ePZ	07 41 51		
	F	ePZ	07 41 13		
	M	ePZ	07 41 47		
	R	ePZ	07 41 36		
June 14	SH	ePZ	10 45 03		USCGS: 1°S 150°E

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
June 14	M	ePZ	10 45 07		0 = 10 32 04
(contd)	R	ePZ	10 45 14		New Ireland region.
June 14	MH	iPZ	15 09 53		USCGS: 1/2°N 80°W
					0 = 15 00 30
					Near coast of Ecuador.
June 14	B	ePZ	17 33 32		USCGS: 36-1/2°N 141-1/2°E
	BG	eE	42 52		0 = 17 21 57
	MH	ePZ	17 33 31		Near coast of Honshu, Japan.
	SH	ePZ	17 33 19		
	F	ePZ	17 33 47		
	M	iPZ	17 33 26		
	R	ePZ	17 33 34		
	PA	ePZ	17 33 31		
June 14	B	ePZ	19 34 31		USCGS: 25°N 113°W
	MH	iPZ	19 34 23		0 = 19 30 53
	SH	ePZ	19 34 58		Near west coast of Lower
	F	ePZ	19 34 03		California.
	M	ePZ	19 34 57		
	R	ePZ	19 34 40		
June 15	B	ePZ	03 13 56		USCGS: 21°S 169°E
	MH	iPZ	03 13 56		0 = 03 01 05
	SH	ePZ	03 13 59		Loyalty Islands.
	F	ePZ	03 14 00		
	M	ePZ	03 14 04		
	R	ePZ	03 14 07		
June 15	MH	ePZ	10 12 53		USCGS: 16°N 93-1/2°W
	SH	ePZ	10 13 07		0 = 10 06 16
	F	ePZ	10 12 38		Near coast of Chiapas, Mexico.
	M	ePZ	10 13 08		
	R	ePZ	10 12 55		
	PA	ePZ	10 12 54		
June 15	MH	iPZ	12 40 54		USCGS: 18-1/2°N 146°E
	SH	ePZ	12 40 17		0 = 12 28 36
	F	ePZ	12 41 03		Marianas Islands.
	M	ePZ	12 40 50		
	R	ePZ	12 41 00		
June 15	MH	iPZ	13 18 09		
	SH	ePZ	13 17 48		
	M	ePZ	13 18 18		
	R	ePZ	13 18 05		
June 15	B	ePZ	15 49 44		USCGS: 3°S 153°E
	MH	ePZ	15 49 12		0 = 15 36 27 d = 100 Km.
	SH	ePZ	15 49 11		New Ireland.
	R	ePZ	15 49 45		
June 16	SH	ePZ	05 05 55		
June 16	SH	ePZ	06 17 12		USCGS: 0 = 06 04 36
	R	ePZ	06 17 12		Marianas Islands region.
June 16	SH	iPZ	06 57 40		
	R	ePZ	06 57 52		
June 16	B	ePZ	12 40 53		USCGS: 25°N 113-1/2°W
	BG	e (S)E	43 55		0 = 12 37 15

Date	Sta.	Phase	Time (GCG)	Ground motion	Remarks
1955			h. m. s.		
June 16	MH	iPZ	12 40 49		Off coast of Lower California.
(contd)	SH	ePZ	12 41 27		
	F	iPZ	12 40 29		
	R	iPZ	12 41 03		
	PA	iPZ	12 40 52		
	SF	eE	12 41 05		
	C	eP	12 42 12		
June 17	MH	iPZ	07 36 33		
	SH	iPZ	07 35 40		
	M	iPZ	07 35 42		
June 17	SH	ePZ	08 19 51		USCGS: 22°N 122°E
	M	ePZ	08 19 54		0 = 08 06 31
	R	ePZ	08 20 02		Near east coast of Formosa.
June 17	MH	iPZ	18 11 24		USCGS: 20-1/2°S 175°W
	SH	ePZ	18 11 33		0 = 17 59 48 d = 200 Km.
	F	ePZ	18 11 29		Tonga Islands.
	R	ePZ	18 10 37		
June 18	MH	iPZ	00 42 03		USCGS: 0 = 00 31 45
	SH	ePZ	00 41 47		Kurile Islands.
	M	ePZ	00 41 52		
	R	ePZ	00 42 03		
June 18	SH	ePZ	04 53 22		USCGS: 46-1/2°N 155°E
	M	ePZ	04 53 26		0 = 04 43 26
					Kurile Islands.
June 18	SH	ePZ	05 59 22		
	F	ePZ	05 59 25		
June 18	MH	iPZ	16 21 03		USCGS: 24°N 122°E
	SH	ePZ	16 20 39		0 = 16 07 20
	M	ePZ	16 20 45		Near east coast of Formosa.
June 19	B	ePZ	19 21 55.0		38°58'N 118°15'W
	SF	eE	19 22 04.7		0 = 19 20 00 M = 5.2
	MH	iPZ	19 21 52.1		Fairview Peak aftershock.
	SH	iPZ	19 21 57.8		
	M	iPZ	19 21 49.6		
	F	iPZ	19 21 43.7		
	R	iPZ	19 21 25.8		
	PA	ePZ	19 21 56.5		
	C	eP	19 22 48		
June 19	B	ePZ	19 26 08.5		39.0°N 118.5°W
	SF	eE	19 26 19.1		0 = 19 25 16 M = 5.0
	MH	iPZ	19 26 07.0		Fairview Peak aftershock.
	SH	iPZ	19 26 12.3		
	M	iPZ	19 26 03.3		
	F	ePZ	19 26 03.4		
	R	iPZ	19 25 40.7		
	PA	ePZ	19 26 14.0		
June 19	B	ePZ	21 32 07		USCGS: 53-1/2°N 166°W
	MH	iPZ	21 32 08		0 = 21 25 21
	SH	ePZ	21 31 51		Fox Islands, Aleutian Islands.
	F	ePZ	21 32 27		
	M	ePZ	21 31 57		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
June 19 (contd)	R	iPZ	21 32 12		
	PA	ePZ	21 32 09		
June 20	B	ePZ	12 15 20		USCGS: 51-1/2°N 180°
	BG	i(S)NE	21 41		0 = 12 07 25
	MH	iPZ	12 15 26		Andreanof Islands, Aleutian Islands.
	SH	iPZ	12 15 07		
	F	ePZ	12 15 39		
	R	iPZ	12 15 12		
	PA	iPZ	12 15 23		
	SF	ePZ	12 15 31		
	C	iP	12 14 49		
June 21	SH	ePZ	07 46 11		
	M	ePZ	07 46 12		
	R	ePZ	07 46 22		
June 21	MH	ePZ	10 06 07		USCGS: 27-1/2°S 63°W
	SH	ePZ	10 06 18		0 = 09 53 30
	M	ePZ	10 06 16		Argentina.
	R	ePZ	10 06 10		
June 21	B	iPZ	11 00 23		USCGS: 52°N 161-1/2°E
	MH	iPZ	11 00 28		0 = 10 51 00
	SH	ePZ	11 00 08		Off coast of Kamchatka.
	F	eP	11 00 38		
	M	ePZ	11 00 13		
	R	ePZ	11 00 25		
June 21	B	ePZ	16 11 41		USCGS: 12°N 144°E
	MH	iPZ	16 11 44		0 = 15 58 55
	SH	ePZ	16 11 37		Marianas Islands.
	F	ePZ	16 11 51		
	M	ePZ	16 11 40		
	R	ePZ	16 11 48		
June 21	MH	ePZ	21 45 13		USCGS: 0 = 21 35 05
	SH	ePZ	21 45 22		Off coast of Northern Peru.
	R	ePZ	21 45 34		
June 22	MH	ePZ	11 23 10		USCGS: 0 = 11 11 25
	SH	ePZ	11 23 16		Fiji Islands.
	F	ePZ	11 23 16		
	R	ePZ	11 23 26		
June 23	SH	iPZ	08 51 01		USCGS: 37°N 141°E
	F	ePZ	08 51 24		0 = 08 39 43 d = 60 Km.
	M	ePZ	08 50 54		Near east coast of Honshu, Japan.
	R	ePZ	08 51 20		
June 23	SH	eZ	11 32 50		USCGS: 42°N 71°E
	M	ePZ	11 32 53		0 = 11 19 18
					Kirgiz, S. S. R.
June 23	SH	eZ	13 53 28		
June 23	MH	iPZ	22 24 08		USCGS: 44-1/2°N 149°E
	SH	iPZ	22 23 52		0 = 22 13 31 d = 60 Km.
	PA	ePZ	22 24 06		Kurile Islands.
June 27	B	ePZ	02 03 20		USCGS: 0 = 01 58 30
	MH	ePZ	02 03 20		Off coast of Colima, Mexico.
	SH	ePZ	02 03 51		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
June 27 (contd)	F	ePZ	02 03 07		
	M	ePZ	02 03 46		
	R	ePZ	02 03 39		
June 27	B	ePZ	18 21 36		USCGS: 10-1/2°S 166°E
	MH	iPZ	18 21 37		0 = 18 09 12
	SH	iPZ	18 21 40		Santa Cruz Islands.
	F	ePZ	18 21 43		
	R	iPZ	18 21 52		
June 28	B	ePZ	04 37 49		USCGS: 86-1/2°N 70°E
	BG	ePPZ	39 53		0 = 04 28 07
		e (S)N	45 38		North Polar region.
	MH	ePZ	04 37 51		
	SH	ePZ	04 37 24		
	F	ePZ	04 37 54		
	R	ePZ	04 37 41		
June 29	F	ePZ	05 07 44		USCGS: 30-1/2°N 130°E
	R	ePZ	05 07 40		0 = 04 55 02
					Ryukyu Islands.
June 30	MH	iPZ	04 17 14		USCGS: 48-1/2°N 155-1/2°E
	SH	iPZ	04 16 57		0 = 04 07 16
	F	ePZ	04 17 34		Kurile Islands.
	R	iPZ	04 17 18		
June 30	M	ePZ	05 07 46		
	SH	ePZ	05 07 24		
	R	ePZ	05 07 16		
June 30	MH	ePZ	18 40 19		
	SH	ePZ	18 40 26		
	F	ePZ	18 40 20		
	M	ePZ	18 40 29		
	R	ePZ	18 40 40		
June 30	B	ePZ	20 30 35		USCGS: 0 = 20 29 16
	SH	iPZ	20 30 13		150 miles off coast of Oregon.
	MH	iPZ	20 30 47		
	Fe	eE	20 35 01		
	F	eZ	20 31 08		
	R	ePZ	20 30 53		
	C	iPZ	20 30 31		
	PA	ePZ	20 30 41		
	M	iPZ	20 30 22		

Bulletin of the Seismographic Stations

Volume 25, No. 3, pp. 79–116

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

Earthquakes and the Registration of Earthquakes

From July 1, 1955, to September 30, 1955

BY
W. G. MILNE

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES
1957

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

JULY 1, 1955 TO SEPTEMBER 30, 1955

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UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

1957

UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

CALIFORNIA

CAMBRIDGE UNIVERSITY PRESS

LONDON, ENGLAND

Issued June 10, 1957

Price 75 Cents

MADE IN THE UNITED STATES OF AMERICA

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

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

Map No. for each epicenter corresponds to a number plotted on the map which follows the list of epicenters.

Date and Origin Time are given in Greenwich Civil Time. Subtract eight (8) hours to convert to Pacific Standard Time (P.S.T.) or seven (7) hours to convert to Pacific Daylight Time (P.D.T.). This will change the date for some of the earthquakes. Pacific Daylight Time was legally in effect throughout California from April 24 to September 25, 1955.

M is the Richter Magnitude of the earthquakes as determined from the maximum trace amplitudes recorded for the shock by the standard Wood-Anderson Torsion Seismographs. In routine practice, the nomogram given by Nordquist in the "Bulletin of the Seismological Society of America," 32:164, is used for magnitude determinations.

Q indicates the excellence with which the epicenter has been located. "a" indicates excellent, "b" good, "c" fair, and "d" poor. Under Remarks will be found a short descriptive location of each epicenter, usually with reference to a point named on the map. Information on small foreshocks and aftershocks is sometimes included in the Remarks. When numerous foreshocks or aftershocks accompany a large earthquake, a separate table is generally included following the main list of local shocks, giving origin times, Richter Magnitudes, and, where significant differences in location can be determined, the geographic coordinates. The larger earthquakes of aftershock series are also included in the main list of local shocks.

Information on the intensities of shocks reported felt is also included under Remarks. Reports on felt earthquakes are chiefly those collected by the Seismological Field Survey of 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 Western Mountain Region." This is a quarterly publication, and may be obtained from the District Officer, San Francisco District, Coast and Geodetic Survey, 121 Customhouse, San Francisco 26, California, or from the Director, U. S. Coast and Geodetic Survey, Washington 25, D.C.

Intensities are given by Roman numerals when sufficient information on the effects of the shock is available. These intensity numbers assigned by the Coast and Geodetic Survey are based on the Modified Mercalli Intensity Scale of 1931 (Harry O. Wood and Frank Neumann, "Bulletin of the Seismological Society of America," 21:277-283, 1931), the criteria of which follow in an abridged form.

MODIFIED MERCALLI INTENSITY SCALE OF 1931
(Abridged)

I. Not felt except by a very few under especially favorable circumstances.

II. Felt only by a few persons at rest, especially on upper floors of buildings. Delicately suspended objects may swing.

III. Felt quite noticeably indoors, especially on upper floors of buildings, but many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibration like passing truck. Duration estimated.

IV. During the day felt indoors by many, outdoors by few. At night some awakened. Dishes, windows, doors disturbed; walls made creaking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.

V. Felt by nearly everyone; many awakened. Some dishes, windows, etc., broken; a few instances of cracked plaster; unstable objects overturned. Disturbances of trees, poles, and other tall objects sometimes noticed. Pendulum clocks may stop.

VI. Felt by all; many frightened and run outdoors. Some heavy furniture moved; a few instances of fallen plaster or damaged chimneys. Damage slight.

VII. Everybody runs outdoors. Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable in poorly built or badly designed structures; some chimneys broken. Noticed by persons driving motor cars.

VIII. Damage slight in specially designed structures; considerable in ordinary substantial buildings with partial collapse; great in poorly built structures. Panel walls thrown out of frame structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned. Sand and mud ejected in small amounts. Changes in well water. Disturbed persons driving motor cars.

IX. Damage considerable in specially designed structures; well designed frame structures thrown out of plumb; great in substantial buildings with partial collapse. Buildings shifted off foundations. Ground cracked conspicuously. Underground pipes broken.

X. Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations; ground badly cracked. Rails bent. Landslides considerable from river banks and steep slopes. Shifted sand and mud. Water splashed (slopped) over banks.

XI. Few, if any (masonry) structures remain standing. Bridges destroyed. Broad fissures in ground. Underground pipe lines completely out of service. Earth slips and land slips in soft ground. Rails bent greatly.

XII. Damage total. Waves seen on ground surfaces. Lines of sight and level distorted. Objects thrown upward into the air.

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
1	July 1	15-09-36	2.4	36° 53'	121° 45'	b	South of Santa Cruz.
2	3	17-48-21	4.3	39° 11'	118° 07'	b	Fairview Peak, Nevada.
3	4	12-37-13	4.1	39° 26'	118° 05'	c	Fairview Peak, Nevada.
4	5	00-24-13	2.8	36° 50'	121° 46'	b	Southeast of Santa Cruz.
5	5	07-07-03	3.1	39.3°	118.5°	d	East of Fallon, Nevada. Felt at Salt Wells.
6	5	17-53-56	1.0	37° 40'	122° 25'	d	South of San Francisco. Blast?
6	5	19-08-29	1.3	37° 40'	122° 27'	c	South of San Francisco. Blast?
7	6	11-29-18	3.4	36° 30'	121° 25'	c	South of Hollister.
8	6	13-18-53	2.7	36.5°	121.5°	d	South of Hollister.
9	6	20-40-40	1.2	37° 40'	122° 29'	c	South of San Francisco. Blast?
9	7	19-28-27	1.3	37° 40'	122° 29'	b	South of San Francisco. Blast?
6	12	18-01-34	1.3	37° 40'	122° 23'	b	Freeway blast south of San Francisco. See additional table for other blasts.
9	12	23-19-22	1.3	37° 40'	122° 29'	d	South of San Francisco. Blast?
10	13	00-24-52	3.5	40.4°	125.8°	c	Southwest of Arcata.
11	13	23-33-54	3.4	40° 13'	124° 16'	b	South of Arcata.
12	15	01-08-58	3.0	37° 10'	121° 40'	a	South of Mount Hamilton.
13	17	10-13-37	2.8	40.7°	124.4°	d	West of Arcata.
14	19	11-51-58	2.5	36.6°	121.5°	d	South of Hollister.
15	24	22-18-32	3.4	40° 46'	121° 34'	c	North of Mineral.
16	24	22-22-30	4.3	41°15'	125° 40'	c	Northwest of Arcata.
17	28	12-07-52	2.6	36.5°	121.4°	d	South of Hollister.
9	28	17-51-35	1.3	37° 40'	122° 29'	c	South of San Francisco. Blast?
18	29	04-10-44	2.7	36° 51'	121° 45'	c	Southeast of Santa Cruz.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
19	July 29	08-58-43	2.8	36° 37'	121° 24'	c	South of Hollister.
9	29	23-13-03	1.0	37° 40'	122° 28'	c	South of San Francisco. Blast?
9	Aug. 2	21-18-32	1.1	37° 40'	122° 28'	b	South of San Francisco. Blast?
20	4	05-47-53	2.5	37° 19'	121° 43'	b	West of Mount Hamilton.
21	6	21-01-58	2.7	36° 54'	121° 16'	c	East of Hollister.
22	6	23-56-22	3	40.4°	127.6°	d	West of Arcata.
23	8	10-35-35	5.2	38° 20'	118° 40'	b	Mineral County, Nevada. Felt over 9000 sq. miles of Nevada and California. Maximum intensity V at Gabbs, Hawthorne, Yerington, Nevada and Bridgeport and Benton, California. Epicenter is south of Hawthorne, Nevada.
24	9	05-24-21	4.2	39° 15'	118° 02'	c	Fairview Peak, Nevada.
25	12	03-55-52	2.6	37° 53'	122° 14'	a	Near Berkeley. Felt over 400 sq. miles in Alameda and Contra Costa counties. Maximum intensity V at Oakland.
25	14	07-05-37	2.6	37° 51'	122° 13'	c	Near Berkeley. Felt in East Oakland, Montclair district, downtown Oakland, and Berkeley.
9	16	17-02-55	2.4	37° 41'	122° 28'	b	South of San Francisco. Blast?
26	17	20-18-03	1.3				
26	17	20-37-51	1.3				3 slight earthquakes were felt in the Berkeley, Oakland area.
26	18	00-01-09	2.5	37° 56'	122° 16'	b	
27	18	08-44-52	3.5	39° 18'	120° 16'	b	West of Truckee.
28	19	02-54-28	2	37.6°	119.4°	d	South of Yosemite.
29	19	22-06-22	1.9	37° 46'	122° 10'	a	Southeast of Berkeley.
--	23	15-32-37 Felt at Portland, Oregon.	6.2	43½°	128°	d	170 miles off coast of Oregon.
--	24	06-56-20 USCGS epicenter.	4.5	44½°	129½°	d	Off coast of Oregon.
30	24	20-37-29	3.6	40.3°	123.5°	d	East of Arcata.
6	24	22-25-42	1.6	37° 40'	122° 23'	b	South of San Francisco. Blast?
31	27	07-00-26 III at Eureka.	4.5	40° 23'	124° 30'	c	18 miles southwest of Ferndale.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
32	Aug. 27	17-45-25	2.7	36° 56'	121° 42'	b	Northwest of Hollister.
33	30	01-57-15	4.1	40° 25'	124° 11'	c	10 miles south of Ferndale.
33	30	02-14-43					Aftershock of preceding.
34	Sept. 1	08-52-01	3.9	39.8°	118.0°	c	Dixie Valley, Nevada.
35	3	11-06-49	3.3	38° 10'	119° 15'	b	Northeast of Yosemite.
36	4	11-03-12	2.3	37° 22'	121° 24'	c	East of Mount Hamilton.
37	5	02-01-18	5.5	37° 22'	121° 47'	b	6 miles west of Mount Hamilton. Felt over an area of approximately 12,000 square miles of west central California. Maximum intensity VII at San Jose and east of San Jose. V at many communities in central California including San Francisco.
37	5	20-09-02	2.8	37° 22'	121° 47'	b	Aftershock of preceding.
38	6	20-56-11	3.5	38½°	117½°	d	Northwest of Tonopah, Nevada.
39	7	02-52-22	2.3	37° 48'	121° 48'	a	North of Livermore.
9	7	14-22-53 Felt in San Francisco, Daly City and Colma.	2.8	37° 43'	122° 30'	b	Southwest of San Francisco.
40	10	19-35-34 appears to be a double earthquake with the events separated by 37 seconds in time.	4.4	39° 27'	118° 01'	c	Fairview Peak, Nevada. This
41	11	12-47-43	2.8	36° 58'	121° 32'	b	Northwest of Hollister.
42	12	11-25-25	2.3	37° 25'	121° 51'	a	Northwest of Mount Hamilton.
43	17	11-04-31	2.1	37° 23'	121° 21'	b	Northeast of Mount Hamilton.
44	17	16-12-17	2.8	36° 38'	121° 18'	c	South of Hollister.
45	18	19-44-02	3.9	39° 25'	118° 00'	c	Fairview Peak.
37	19	19-48-33	2.7	37° 22'	121° 47'	a	Aftershock of 02:01 Sept. 5.
46	21	07-37-28	4.1	40° 05'	119° 40'	c	North of Reno, near Pyramid Lake.
47	21	18-06-42	3.3	36.5°	121° 00'	d	North of King City.
48	25	22-11-51	4.1	39.6°	117.9°	c	Fairview Peak, Nevada.
49	28	09-52-33	4.2	38.2°	119.3°	c	Southeast of Markleeville.
50	29	05-40-51	4.5	39° 13'	118° 12'	c	Fairview Peak, Nevada.

AFTERSHOCKS OF THE 1954 NEVADA EARTHQUAKES

The following list is a continuation of the lists in preceding bulletins giving the larger aftershocks of the large Nevada Earthquakes of July 6, and August 24, 1954, G.C.T. and the major Nevada earthquake of December 16, 1954 G.C.T. The list is probably complete for shocks of magnitude above 4, and includes some of lower magnitude.

Co-ordinates of the Original Earthquakes are as follows:

Date 1954	Origin Time (G.C.T.)	Latitude North	Longitude West	Mag.
July 6	11-13-20	39° 25'	118° 32'	6.8
Aug. 24	05-51-32	39° 35'	118° 27'	6.8
Dec. 16	11-07-13	39° 19'	118° 12'	7.2
Dec. 16	11-11-28	Epicenter about 30 miles North of preceding.		7.1

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
July 3	17-48-21	4.3	39° 11'	118° 07'	b	Fairview Peak.
4	12-37-13	4.1	39° 26'	118° 05'	c	Fairview Peak.
5	07-07-03	3.1	39.3°	118.5°	c	East of Fallon, Nevada.
Aug. 8	10-35-35	5.2	38° 20'	118° 40'	b	Epicenter is south of Hawthorne, Nevada. Felt over 9000 sq. miles of Nevada and California.
9	05-24-21	4.2	39° 15'	118° 02'	c	Fairview Peak.
Sept. 1	08-52-01	3.9	39.8°	118.0°	c	Dixie Valley.
10	19-35-34	4.4	39° 27'	118° 01'	c	Fairview Peak.
18	19-44-02	3.9	39° 25'	118° 00'	c	Fairview Peak.
25	22-11-51	4.1	39.6°	117.9°	c	Fairview Peak.
29	05-40-51	4.5	39° 13'	118° 12'	c	Fairview Peak.

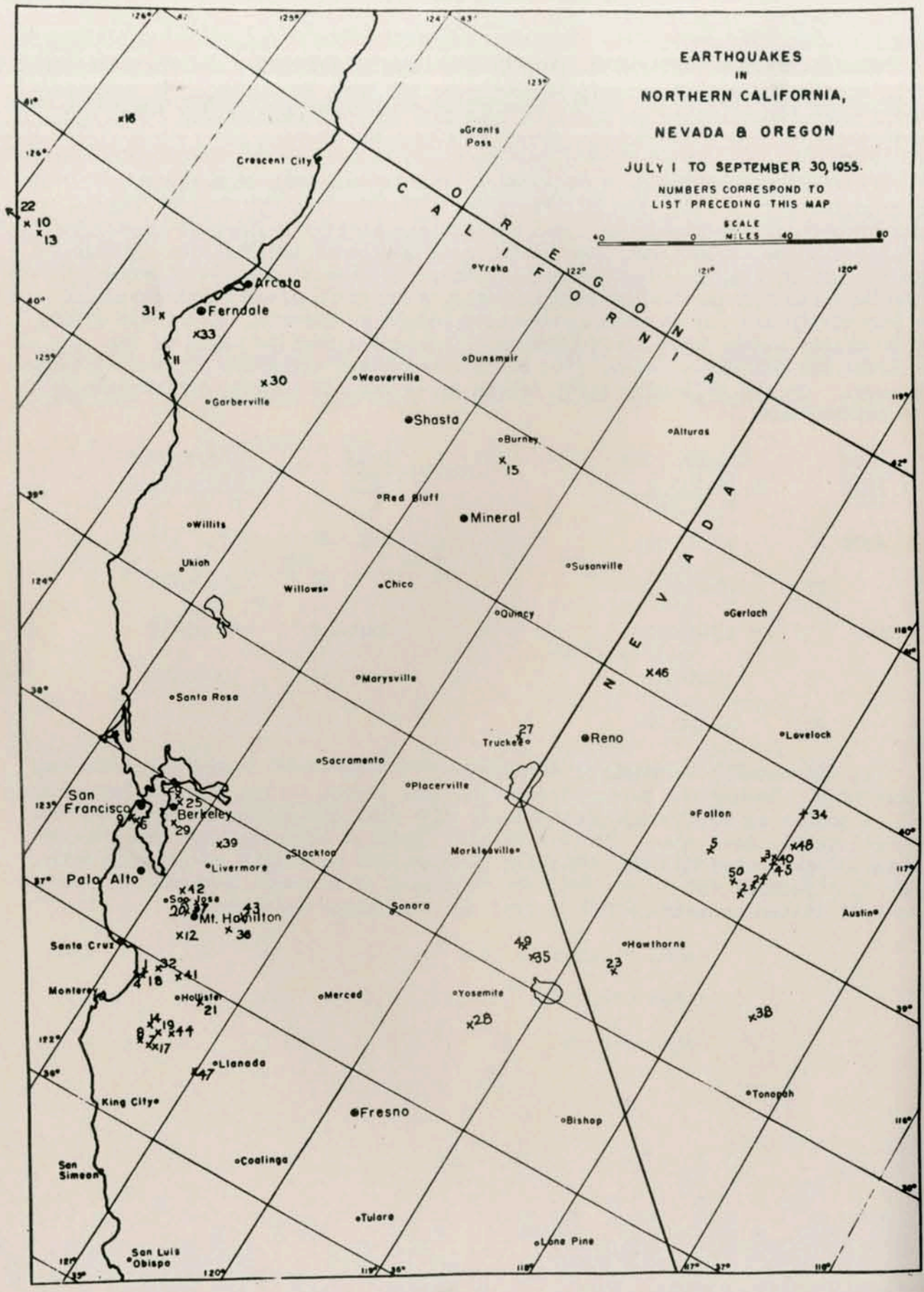
EXPLOSIONS IN SAN FRANCISCO BAY

Between October 1954 and March 1956 a number of explosive charges were set off in connection with a project of the State Division of Highways to relocate the Bayshore Freeway through the tidal mud flat between Candlestick Point and Sierra Point in the northeastern corner of San Mateo County.

These explosions were all recorded on the seismographs at Berkeley, San Francisco, Palo Alto, and Mt. Hamilton. Determination of Richter magnitudes by methods applicable to local earthquakes yielded magnitudes from 1.1 to 1.8 for these explosions. The District IV Office of the Division of Highways has kindly supplied the approximate times of each of their explosions, which were set off in the Bay muds in order to obtain uniform displacement of the underlying Bay mud as embankment construction progressed. All shots during the 18 months period were fired between 1 mile and 1.9 miles south of the San Francisco-San Mateo County line at an approximate elevation of 30 feet below sea level. In the following list, origin times were determined instrumentally from seismograms:

Date 1955	Origin Time (G.C.T.) h. m. s.	Date 1955	Origin Time (G.C.T.) h. m. s.
July 12	18-01-34	Aug. 22	17-17-39
18	20-59-10	29	17-05-26
Aug. 1	18-03-22	Sept. 6	20-36-50
8	15-56-52	13	18-02-41
15	16-45-06		

The approximate location of these explosions is shown on the epicenter map as number 6. During the period covered by this report (July, August, September, 1955) a number of additional disturbances with similar seismographic appearance occurred in the same area. The Division of Highways suggests that these shocks may have been caused by other blasting by scavenger companies operating nearby. These disturbances which have not been confirmed as Freeway construction blasts have been listed separately in the list of local shock epicenters.



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
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'	123	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 dilitation 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
1955			h. m. s.		
July 2	MH	iZ	06 43 45		USCGS: O = 06 33 52
	SH	ePZ	06 43 26		Northern Kurile Islands.
	M	iPZ	06 43 31		
	R	ePZ	06 43 45		
July 2	SH	eZ	16 32 01		Pas: 34°25'N, 116°38'W
	MH	eZ	16 31 53		O = 16 29 39 M = 4.2
	F	iZ	16 30 42		San Bernardino County, Calif.
	R	eZ	16 31 28		Felt.
	M	eZ	16 31 50		
July 3	B	ePZ	08 09 05		USCGS: 51°N, 177°E
	MH	iPZ	08 09 10		O = 08 00 53
	SH	iPZ	08 08 50		Rat Islands, Aleutian Islands.
	F	ePZ	08 09 22		
	M	ePZ	08 08 55		
	R	iPZ	08 09 08		
	PA	ePZ	08 09 06		
July 3	B	ePZ	14 34 39		USCGS: 52°N, 178°E
	BG	e(S)N	41 16		O = 14 26 32
	MH	ePZ	14 34 44		Rat Islands, Aleutian Islands.
		e(S)E	41 25		
	SH	ePZ	14 34 25		
		e(S)E	40 47		
	F	ePZ	14 34 56		
		e(S)N	41 48		
	M	ePZ	14 34 30		
	R	iPZ	14 34 43		
	PA	ePZ	14 34 41		
	SF	eE	14 34 41		
	C	eP	14 34 03		
July 3	MH	eZ	14 45 41		
	SH	eZ	14 45 20		
	M	eZ	14 45 26		
July 3	MH	ePZ	15 29 10		
	SH	ePZ	15 28 51		
	F	ePZ	15 29 22		
	M	iPZ	15 28 57		
	R	iPZ	15 29 11		
July 4	MH	ePZ	02 52 27		USCGS: O = 02 45 25
	SH	ePZ	02 52 45		Off coast of Guatemala.
	M	ePZ	02 52 42		
	R	ePZ	02 52 30		
July 4	B	iPZ	14 27 55		USCGS: 51½°N, 177°E
	BG	e(S)N	37 53		O = 14 19 44 M = 6½-6 3/4 (Pas)
	MH	iPZ	14 28 00		Rat Islands, Aleutian Islands.
	SH	iPZ	14 27 40		
	F	ePZ	14 28 12		
	M	iPZ	14 27 45		
	R	iPZ	14 27 59		
	PA	iPZ	14 27 57		
	SF	eN	14 27 57		
	C	eP	14 27 20		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 4	B	ePZ	14 36 40		
	MH	iPZ	14 36 45		
	SH	iPZ	14 36 26		
	M	iPZ	14 36 31		
	R	ePZ	14 36 45		
	PA	ePZ	14 36 42		
July 5	MH	ePZ	04 11 36		USCGS: 0 = 04 03 25 d = 100 Km. Rat Islands, Aleutian Islands.
	SH	ePZ	04 11 17		
	F	ePZ	04 11 48		
	M	ePZ	04 11 21		
	R	ePZ	04 11 36		
July 5	R	iPZ	07 07 22		39.3°N, 118.5°W 0 = 07 07 03 M = 3.1 East of Fallon, Nevada, felt at Salt Wells.
	B	ePZ	07 08 01		
	MH	ePZ	07 08 00		
	M	iPZ	07 07 45		
July 5	SH	ePZ	10 52 52		USCGS: 16°S, 175°W 0 = 10 41 11 Tonga Islands region.
	M	ePZ	10 52 53		
July 5	M	ePZ	11 50 51		USCGS: 0 = 11 38 40 About 100 miles north of Montezuma, Chile.
July 5	MH	eZ	15 16 55		USCGS: 0 = 15 15 00 200 miles off coast of Oregon.
	SH	ePZ	15 16 15		
	F	eZ	15 17 16		
	R	eZ	15 16 50		
	C	iP	15 15 52		
July 6	B	iPZ	02 03 57		USCGS: 51°N, 158°E P = 01 54 17 Kamchatka.
	BG	i(S)E	11 44		
		e(S)N	12 09		
	MH	ePZ	02 04 01		
	SH	iPZ	02 03 43		
	F	ePZ	02 04 12		
	M	ePZ	02 03 47		
	R	iPZ	02 03 59		
	PA	ePZ	02 03 59		
	C	eP	02 03 23		
July 6	B	ePZ	10 36 07		USCGS: 54½°N, 162½°W 0 = 10 29 40 Near south coast of Alaska peninsula.
	MH	ePZ	10 36 10		
	SH	iPZ	10 35 50		
	F	ePZ	10 36 28		
	M	ePZ	10 35 56		
	R	ePZ	10 36 10		
July 6	B	iPZ	15 11 32		USCGS: 24½°S, 177°W 0 = 14 59 21 d = 100 Km. Tonga Islands region.
	MH	ePZ	15 11 31		
	SH	iPZ	15 11 40		
	F	ePZ	15 11 34		
	M	iPZ	15 11 42		
	R	iPZ	15 11 44		
July 7	MH	ePZ	05 04 05		USCGS: 12½°N, 88°W 0 = 04 57 25 Near coast of Nicaragua.
	M	ePZ	05 05 09		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 7	M	ePZ	07 15 37		BCIS: Aleutian Islands.
July 7	M	ePZ	09 24 56		BCIS: India Ocean.
July 7	MH	iPZ	18 18 30		USCGS: 0 = 18 10 02 Rat Islands, Aleutian Islands.
	SH	ePZ	18 18 01		
	R	ePZ	18 18 29		
July 8	MH	ePZ	18 31 23		USCGS: 21°S, 179½°W 0 = 18 20 11 d = 600 Kms. Fiji Islands foreshock.
	SH	ePZ	18 31 30		
	F	ePZ	18 31 27		
	R	ePZ	18 31 35		
July 8	B	iPZ	18 50 22	c	USCGS: 20½°S, 179½°W 0 = 18 39 11 d = 600 Kms. Fiji Islands.
	BG	e(S)NE	59 41		
	MH	iPZ	18 50 22	c	
	SH	ePZ	18 50 30		
	F	ePZ	18 50 26		
	R	ePZ	18 50 35		
July 8	MH	eZ	19 22 44		USCGS: 5°S, 110°E 0 = 19 03 09 d = 600 Kms. Java Sea.
	SH	eZ	19 21 01		
		eZ	22 23		
	F	eZ	19 21 05		
	M	eZ	19 22 36		
July 9	SH	iPZ	00 58 17		USCGS: 0 = 00 52 43 Near Kenai Peninsula, Alaska.
	M	iPZ	00 50 22		
July 9	SH	eZ	04 46 34		
	M	eZ	04 46 36		
July 9	SH	eZ	09 04 11		
	M	eZ	09 04 15		
July 10	SH	eZ	01 22 32		BCIS: Kurile Islands.
	M	eZ	01 22 37		
July 10	M	ePZ	07 04 51		USCGS: 0 = 06 51 58 Mendoza Province, Argentina.
July 10	B	ePZ	14 32 43		USCGS: 20°S, 175½°W 0 = 14 20 52 Tonga Islands.
	BG	e(S)N	42 31		
	MH	iPZ	14 32 42		
	SH	ePZ	14 32 51		
	F	ePZ	14 32 46		
	M	iPZ	14 32 53		
	R	ePZ	14 32 57		
July 10	MH	iPZ	21 25 03		BCIS: Samoa Islands.
	SH	ePZ	21 25 07		
	F	ePZ	21 25 08		
	R	ePZ	21 25 18		
July 11	M	ePZ	03 18 44		USCGS: 60°N, 135°W 0 = 03 13 56 Southern Yukon-Alaska border.
July 11	MH	iPZ	05 27 09		USCGS: 0 = 05 08 00 Near south coast of Sumatra.
	SH	ePZ	05 27 03		
	M	ePZ	05 27 04		
July 12	MH	iP'Z	16 05 22		BCIS: Sandwich Islands region.
	SH	eP'Z	16 05 29		
	R	eZ	16 06 24		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 12	SH	eZ	18 08 46		USCGS: 14½°S, 173°W
	F	eZ	18 08 44		0 = 17 57 18
	R	eZ	18 08 25		Samoa Islands Region.
July 13	MH	iZ	01 45 35		
	SH	eZ	01 45 26		
July 13	MH	iPZ	02 08 39		USCGS: 20½°S, 70°W
	SH	iPZ	02 08 50		0 = 01 56 52
	F	ePZ	02 08 29		Northern Chile.
	M	ePZ	02 08 47		
	R	iPZ	02 08 41		
July 13	MH	ePZ	02 59 36		BCIS: 17°N, 147°E
	SH	ePZ	02 59 28		0 = 02 47 20
	M	ePZ	02 59 32		Marianas Islands.
July 13	B	ePZ	10 07 04		USCGS: 20°S, 178½°W
	MH	iPZ	10 07 05		0 = 09 55 32 d = 300 Kms.
	SH	iPZ	10 07 13		Fiji Islands.
	F	ePZ	10 07 08		
	M	iPZ	10 07 14		
	R	ePZ	10 07 18		
July 13	B	ePZ	18 53 31		USCGS: 6°S, 154½°E
	MH	iPZ	18 53 32		0 = 18 40 34
	SH	ePZ	18 53 32		Solomon Islands.
	F	ePZ	18 53 31		
	R	ePZ	18 53 40		
July 13	B	iPZ	20 35 23		USCGS: 0 = 20 16 28
	MH	ePZ	20 35 20		Sandwich Islands region.
	SH	iPZ	20 35 26		
	F	ePZ	20 35 18		
	M	iPZ	20 35 24		
	R	ePZ	20 35 23		
	PA	ePZ	20 35 22		
July 14	B	iPZ	04 06 57		USCGS: 6°S, 154½°E
	MH	ePZ	04 06 59		0 = 03 54 02
	SH	ePZ	04 06 59		Solomon Islands.
	F	ePZ	04 07 05		
	M	iPZ	04 07 03		
	R	ePZ	04 07 08		
July 14	F	eZ	10 10 45		USCGS: 8½°N, 94°E
	M	ePZ	10 10 32		0 = 09 51 37
	R	iPZ	10 10 42		Nicobar Islands.
July 14	M	ePZ	10 28 45		USCGS: 36½°N, 141°E
	R	eZ	10 29 12		0 = 10 17 27
					Japan.
July 15	MH	ePZ	03 03 23		BCIS: 15°S, 175°W
	SH	ePZ	03 03 30		0 = 02 51 49
	F	ePZ	03 03 30		Samoa Islands.
	M	ePZ	03 03 31		
	R	eE	03 03 38		
July 15	B	eZ	04 49 50		USCGS: 0 = 04 44 58
	MH	iPZ	04 48 09		Off west coast of Vancouver Island.
	SH	iPZ	04 47 26		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 15 (contd)	F	ePZ	04 48 25		
	M	ePZ	04 47 33		
	R	iPZ	04 47 54		
July 16	BG	ePZ	07 20 59		USCGS: 37½°N, 27°E
	B	ePPZ	25 03		0 = 07 07 08 M = 6 3/4-7 (Pas)
	BG	e(PS)N	34 12		Dodecanese Islands.
	MH	ePZ	07 20 57		
	SH	ePZ	07 20 44		
		ePPZ	24 41		
		e(SKS)N	31 33		
	F	ePZ	07 20 59		
	M	ePZ	07 20 46		
	R	ePZ	07 20 47		
July 16	MH	iPZ	12 28 50		USCGS: 0 = 12 17 04
	SH	iPZ	12 28 59		Tonga Islands.
	F	ePZ	12 28 54		
	M	ePZ	12 29 00		
	R	iPZ	12 29 04		
July 16	SH	eZ	13 29 57		
	M	ePZ	13 29 58		
July 16	M	ePZ	13 41 57		USCGS: 14°S, 78½°W
					0 = 13 31 43
					Off coast of Peru.
July 17	MH	iPZ	07 18 37		USCGS: 0 = 07 06 00
	SH	iPZ	07 18 43		New Hebrides Islands.
	M	ePZ	07 18 45		
July 17	B	ePZ	08 04 20		USCGS: 46½°N, 153°E
	MH	ePZ	08 04 12		0 = 07 54 02
	SH	ePZ	08 04 04		Kurile Islands.
	F	ePZ	08 04 33		
	M	iPZ	08 04 08		
	R	ePZ	08 04 20		
July 17	M	ePZ	12 28 37		USCGS: 53°N, 170°W
	R	ePZ	12 28 59		0 = 12 21 42
					Fox Islands, Aleutian Islands.
July 17	B	ePZ	22 05 29		USCGS: 54°N, 168°W
	MH	ePZ	22 05 34		0 = 21 58 25
	SH	ePZ	22 05 05		Fox Islands, Aleutian Islands.
	F	ePZ	22 05 48		
	M	ePZ	22 05 10		
	R	ePZ	22 05 25		
	C	eP	22 04 37		
July 18	B	ePZ	01 07 17		USCGS: 18°S, 170°E
	MH	iPZ	01 07 19		0 = 00 54 37
	SH	iPZ	01 07 23		New Hebrides Islands region.
	F	iPZ	01 07 24		
	M	iPZ	01 07 24		
	R	iPZ	01 07 29		
	PA	iPZ	01 07 17		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 18	MH	iPZ	02 21 16		USCGS: 52½°N, 169°W
	SH	ePZ	02 21 48		0 = 02 14 59
	M	ePZ	02 21 57		Fox Islands, Aleutian Islands.
	R	ePZ	02 21 17		
July 18	SH	ePZ	10 24 38		USCGS: 44½°N, 149°E
	M	ePZ	10 24 42		0 = 10 14 14
					Kurile Islands.
July 18	MH	ePZ	10 36 26		USCGS: 45°N, 149°E
	SH	ePZ	10 36 47		0 = 10 26 26
	M	ePZ	10 36 51		Kurile Islands.
July 18	SH	ePZ	10 46 47		USCGS: 44½°N, 149°E
	M	ePZ	10 46 49		0 = 10 36 24
	R	ePZ	10 47 13		Kurile Islands.
July 18	SH	ePZ	10 51 20		USCGS: 44½°N, 149°E
	M	ePZ	10 51 23		0 = 10 40 55
	R	ePZ	10 51 35		Kurile Islands.
July 18	B	iPZ	11 42 14		USCGS: 13½°S, 167°E
		epPZ	43 02		0 = 11 29 58 d = 150 Kms.
	BG	e(S)NE	52 19		New Hebrides Islands.
	MH	iPZ	11 42 16		
		ipPZ	43 05		
	SH	iPZ	11 42 19		
		ipPZ	43 06		
	F	iPZ	11 42 21		
		ipPZ	43 08		
	M	ePZ	11 42 21		
	R	iPZ	11 42 26		
		epPZ	43 13		
	PA	iPZ	11 42 14		
July 18	MH	iPZ	12 08 36		
	SH	ePZ	12 08 21		
	F	ePZ	12 08 33		
	M	ePZ	12 08 24		
	R	ePZ	12 08 27		
July 18	MH	iPZ	13 44 14		USCGS: 16°S, 173°W
	SH	ePZ	13 44 42		0 = 13 33 08
	F	ePZ	13 44 37		Tonga Islands region.
	M	iPZ	13 44 43		
	R	ePZ	13 44 47		
July 19	B	ePZ	02 05 27		Pas: 35°22'N, 118°30'W
	MH	iPZ	02 05 30		0 = 02 04 26 M = 4.1
	F	ePZ	02 04 56		Northeast of Caliente. Felt.
	SH	eZ	02 05 59		
	R	ePZ	02 05 46		
	M	ePZ	02 05 53		
	PA	ePZ	02 05 22		
July 19	SH	ePZ	15 35 46		BCIS: Yukon-Alaska border.
	M	ePZ	15 35 52		0 = 15 31.1
July 19	B	ePZ	16 03 51		USCGS: 12°N, 143°E
	MH	iPZ	16 03 55		0 = 15 51 06
	SH	iPZ	16 03 48		Marianas Islands region.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 19 (contd)	F	ePZ	16 04 02		
	M	ePZ	16 03 51		
	R	iPZ	16 03 58		
	PA	iPZ	16 03 53		
July 19	B	ePZ	16 26 48		USCGS: 60½°N, 145½°W
	MH	iPZ	16 26 54		0 = 16 21 05
	SH	iPZ	16 26 25		Near south coast of Alaska.
	F	ePZ	16 27 06		
	M	eZ	16 26 30		
	R	ePZ	16 26 43		
July 19	MH	ePZ	16 50 12		USCGS: 60½°N, 146°W
	SH	iPZ	16 49 43		0 = 16 44 24
	M	ePZ	16 49 49		Southern Alaska.
	R	ePZ	16 50 03		
July 19	B	ePZ	20 00 20		USCGS: 51½°N, 178°E
	MH	iPZ	20 00 27		0 = 19 52 15 d = 60 Km.
	SH	ePZ	20 00 04		Rat Islands, Aleutian Islands.
	F	ePZ	20 00 37		
	M	iPZ	20 00 12		
	R	iPZ	20 00 39		
	PA	ePZ	20 00 21		
July 19	B	ePZ	23 58 14		USCGS: 56½°N, 153°W
	BG	e(S)E	24 02 57		0 = 23 52 25
	MH	ePZ	23 58 20		Near south coast of Kodiak Island.
	SH	ePZ	23 57 53		
	F	iPZ	23 58 34		
	M	ePZ	23 58 01		
	R	ePN	23 58 14		
	Fe	eE	24 03 40		
	C	iP	23 57 22		
July 20	SH	iPZ	00 06 49		
	M	iPZ	00 06 54		
July 20	MH	iPZ	00 20 31		USCGS: 0 = 00 14 20
	SH	ePZ	00 19 48		Kodiak Island.
	R	ePZ	00 20 14		
July 20	SH	iPZ	04 15 37		USCGS: 0 = 04 07 53
	F	ePZ	04 15 43		Andreanof Islands, Aleutian Islands.
	R	ePZ	04 15 56		
July 20	MH	ePZ	06 49 47		USCGS: 0 = 06 44 30
	SH	ePZ	06 50 29		100 miles off coast of Colima, Mexico.
	F	ePZ	06 49 33		
	M	ePZ	06 50 09		
	R	ePZ	06 49 54		
July 20	MH	ePZ	07 38 56		USCGS: 0 = 07 31 45
	SH	ePZ	07 38 30		Fox Islands, Aleutian Islands.
	F	ePZ	07 39 09		
	M	ePZ	07 38 34		
July 20	B	ePZ	21 10 18		USCGS: ½°N, 78½°W
	MH	iPZ	21 10 13		0 = 21 00 43
	SH	iPZ	21 10 27		Northern Ecuador.
	F	ePZ	21 10 01		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 20 (contd)	M	ePZ	21 10 24		
	R	iPZ	21 10 14		
	PA	iPZ	21 10 17		
	C	eP	21 10 48		
July 21	B	iPZ	11 56 46	d	USCGS: 25°S, 74°W
		epPZ	57 10		0 = 11 45 40 d = 100 Km.
	BG	e(S)NE	12 04 52		Southern Peru.
		eP'P'Z	24 50		
	MH	iPZ	11 56 42	d	
		ipPZ	57 14		
	SH	ePZ	11 56 54		
		ipPZ	57 14		
	F	ePZ	11 56 30		
	M	iPZ	11 56 51		
	R	iPZ	11 56 44		
July 22	SH	eZ	06 02 41		
	M	eZ	06 02 46		
July 23	MH	ePZ	10 38 48		USCGS: 0 = 10 19 49
	SH	ePZ	10 39 10		Sandwich Islands region.
	F	ePZ	10 39 05		
	M	ePZ	10 39 07		
	R	ePZ	10 39 04		
July 23	M	eZ	14 06 16		USCGS: 9½°N, 122½°E
					0 = 13 57 04
					Negros Island.
July 24	B	ePA	01 16 31		USCGS: 14°S, 175°W
	MH	iPZ	01 16 23		0 = 01 04 56
	SH	ePZ	01 16 31		Samoa Islands.
	F	ePZ	01 16 27		
	M	ePZ	01 16 33		
	R	ePZ	01 16 38		
July 24	B	ePZ	11 13 45		USCGS: 36°N, 140°E
	MH	iPZ	11 13 50		0 = 11 02 14 d = 100 Km.
	SH	iPZ	11 13 36		Southern Honshu, Japan.
	F	ePZ	11 13 58		
	M	iPZ	11 13 39		
	R	iPZ	11 13 50		
July 24	MH	iPZ	16 33 31		USCGS: 24°N, 122°E
	SH	iPZ	16 33 20		0 = 16 20 03
	M	iPZ	16 33 23		Near east coast of Formosa.
	R	iPZ	16 33 31		
July 24	M	ePZ	19 17 08		USCGS: 0 = 19 04 20
					New Hebrides Islands.
July 25	B	iPZ	11 34 42		USCGS: 22½°S, 69½°W
	MH	iPZ	11 34 27		0 = 11 22 52 d = 200 Km.
	SH	iPZ	11 34 38		Northern Chile.
	F	ePZ	11 34 17		
	M	ePZ	11 34 35		
	R	iPZ	11 34 30		
	C	eP	11 34 56		
July 26	B	eZ	01 32 58		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 26	B	ePZ	04 10 17		USCGS: 56½°N, 153°W
	BG	e(S)N	14 53		0 = 04 04 18 M = 6 (Pas)
	MH	ePZ	04 10 16		Kodiak Island foreshock.
	SH	ePZ	04 09 49		
	F	ePZ	04 10 29		
	M	ePZ	04 09 56		
	R	iPZ	04 10 10		
	A	eE	04 09 44		
	C	eP	04 09 20		
July 26	MH	iPZ	05 28 42		USCGS: 13°S, 166½°E
	SH	ePZ	05 28 26		0 = 05 15 50
	M	ePZ	05 28 29		New Hebrides Islands.
	R	ePZ	05 28 53		
July 26	MH	ePZ	11 51 15		
	SH	ePZ	11 51 16		
	M	ePZ	11 51 18		
	R	ePZ	11 51 29		
July 27	MH	ePZ	01 33 01		USCGS: 34°N, 134°E
	SH	ePZ	01 32 49		0 = 01 20 50
	F	ePZ	01 33 10		Shikoku, Japan.
	M	ePZ	01 32 52		
	R	iPZ	01 33 02		
July 27	MH	ePZ	05 13 21		USCGS: 14½°S, 177°W
	SH	ePZ	05 13 30		0 = 05 01 49
	F	ePZ	05 13 27		Horn Island region.
	M	iPZ	05 13 31		
	R	ePZ	05 13 37		
July 27	B	ePZ	18 25 00	d	USCGS: 56½°N, 153°W
	BG	e(S)E	29 30		0 = 18 19 08 M = 6¼ (Pas)
	MH	ePZ	18 25 06		Near south coast of Kodiak Island.
	SH	ePZ	18 24 39		
	F	ePZ	18 25 18		
	M	iPZ	18 24 46		
	R	iPZ	18 25 00		
	A	eE	18 24 35		
	SF	eN	18 25 12		
	Fe	eE	18 24 52		
	C	eP	18 24 08		
July 28	B	ePZ	02 12 34		USCGS: 40½°S, 71½°W
	MH	ePZ	20 12 32		0 = 01 59 30
	SH	ePZ	02 12 47		Chile-Argentina border.
	F	ePZ	02 12 29		
	R	ePZ	02 12 40		
July 29	MH	iPZ	22 02 52		USCGS: 51½°N, 158°E
	SH	ePZ	22 02 28		0 = 21 53 13
	F	ePZ	22 03 11		Near south coast of Kamchatka.
	R	ePZ	22 02 50		
July 30	MH	iPZ	15 29 33		
	SH	ePZ	15 29 33		
	C	eP	15 28 34		
July 31	MH	ePZ	02 43 36		
	R	ePZ	02 43 38		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
July 31	MH	iPZ	03 27 53		
	SH	ePZ	03 27 52		
	R	iPZ	03 28 01		
July 31	MH	ePZ	13 28 19		USCGS: 0 = 13 22 44
	SH	ePZ	13 27 43		Southwestern Yukon.
July 31	MH	ePZ	20 45 07		
	SH	eZ	20 44 52		
	F	eZ	20 45 14		
	R	eZ	20 43 19		
Aug. 1	MH	ePZ	02 43 27		BCIS: Kamchatka.
	SH	ePZ	02 43 03		
Aug. 1	MH	iPZ	03 34 31		USCGS: 0 = 03 15 40
	SH	ePZ	03 34 35		Sandwich Islands region.
	M	ePZ	03 34 36		
	R	ePZ	03 34 45		
Aug. 1	MH	iZ	12 33 39		
	SH	iZ	12 33 32		
	M	iZ	12 33 37		
Aug. 2	M	iZ	07 09 14		USCGS: 0 = 06 50 16
					Nicobar Islands region.
Aug. 3	M	eZ	06 42 40		USCGS: 0 = 06 39 42
					Southwestern Colorado. Felt.
Aug. 3	SH	ePZ	19 52 59		USCGS: 52°N, 179½°W
	F	ePZ	19 53 31		0 = 19 45 20
	M	ePZ	19 53 04		Andreanof Islands, Aleutian Islands.
	R	ePZ	19 53 17		
Aug. 3	MH	iPZ	22 20 13		
Aug. 3	R	eZ	22 35 16		USCGS: 0 = 22 22 40
					Argentina.
Aug. 4	MH	iZ	12 31 02		
	M	eZ	12 30 56		
Aug. 5	MH	ePZ	03 17 28		USCGS: 17½°N, 106°W
	F	ePZ	03 17 12		0 = 03 12 06
	M	ePZ	03 17 54		Off coast of Colima, Mexico.
	R	ePZ	03 17 36		
Aug. 5	M	ePZ	11 19 00		USCGS: 51°N, 179½°W
					0 = 11 11 15
					Andreanof Islands, Aleutian Islands.
Aug. 5	MH	eZ	16 58 19		USCGS: 16°S, 174°E
	SH	eZ	16 58 19		0 = 16 46 01
	F	eZ	16 58 18		Fiji Islands region.
Aug. 6	MH	eZ	05 31 42		
	M	eZ	05 31 50		
Aug. 6	B	iPZ	08 42 55	c	USCGS: 21½°S, 177½°W
		ipPZ	44 16		0 = 08 31 25 d = 350 Km.
	BG	isPZ	44 54		M = 6 3/4 (Pas) Tonga Islands.
		i(S)NE	52 23		
		i(sS)N	54 50		
		eP'P'Z	09 09 52		
	MH	iPZ	08 42 55	c	
		ipPZ	44 18		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 6		eP'P'Z	09 09 52		
(contd)	SH	iPZ	08 43 03	c	
		ipPZ	44 26		
		i(S)NE	52 38		
		eP'P'Z	09 09 41		
	F	iPZ	08 42 59		
		ipPZ	44 22		
		i(S)E	52 33		
	M	ePZ	08 43 04	c	
		iZ	44 28		
		e(S)Z	52 38		
		eP'P'Z	09 09 40		
	R	iPZ	08 42 59	c	
		ipPZ	44 30		
		e(S)Z	52 49		
		eP'P'Z	09 09 34		
	PA	iPZ	08 42 54	c	
		ipPZ	44 16		
	A	ePE	08 42 59		
		eSE	52 32		
	SF	ePE	08 42 49		
		epPE	44 10		
		eE	52 18		
	C	iP	08 43 14		
		ipP	44 36		
Aug. 7	MH	iPZ	10 22 31		
	SH	ePZ	10 23 01		
	M	eZ	10 23 19		
Aug. 7	MH	iPZ	11 05 09		
	SH	ePZ	11 05 17		
	M	ePZ	11 05 19		
	R	ePZ	11 05 08		
Aug. 7	SH	eZ	12 48 05		USCGS: 3½°S, 145°E
					0 = 12 34 41
					Off north coast of New Guinea.
Aug. 7	MH	ePZ	17 24 21		USCGS: 20½°N, 155½°W
					0 = 17 17 32
					Near north coast of Hawaii.
Aug. 7	SH	ePZ	17 56 58		USCGS: 0 = 17 40 30
	F	ePZ	17 58 00		Off coast of Honshu, Japan.
	M	iPZ	17 57 11		
Aug. 7	B	ePZ	18 43 51		
	MH	iPZ	18 43 52		
	SH	ePZ	18 43 56		
	M	ePZ	18 43 55		
	R	ePZ	18 43 53		
Aug. 7	MH	ePZ	21 12 37		
	SH	ePZ	21 12 40		
	R	ePZ	21 12 40		
Aug. 8	B	ePZ	03 22 50		Pas: 35°24'N, 118°38'W
	MH	iPZ	03 22 40		0 = 03 21 51 M = 4.7

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 8	SH	ePZ	03 23 25		North of Caliente. Felt over 6000
(contd)	M	ePZ	03 23 17		sq. miles of Kern County.
	R	iPZ	03 23 09		
	F	ePZ	03 22 20		
	PA	ePZ	03 22 42		
Aug. 8	B	iPZ	10 36 22		38°20'N, 118°40'W
	MH	iPZ	10 36 17		0 = 10 35 35 M = 5.2
	SH	iPZ	10 36 33		Mineral County, Nevada.
	M	iPZ	10 36 25		
	R	iPZ	10 36 03		
	F	iPZ	10 36 07		
	C	eP	10 37 24		
	A	eE	10 37 00		
Aug. 8	MH	iPZ	11 58 34		
	M	ePZ	11 58 03		
Aug. 8	SH	ePZ	19 05 37		
Aug. 9	MH	ePZ	18 26 51		USCGS: 11°S, 166½°E
	SH	ePZ	18 26 54		0 = 18 14 25
	F	ePZ	18 26 57		Santa Cruz Islands.
	R	ePZ	18 26 24		
Aug. 10	MH	iPZ	05 14 41		USCGS: 2°S, 151°E
	SH	ePZ	05 14 39		0 = 05 01 43
	F	ePZ	05 14 47		New Ireland region.
	M	iPZ	05 15 02		
	R	iPZ	05 14 49		
Aug. 10	MH	ePZ	07 44 01		
	SH	ePZ	07 44 13		
	M	ePZ	07 44 10		
Aug. 10	MH	eZ	07 55 20		USCGS: 4°S, 8°W
	SH	eZ	07 55 30		0 = 07 45 49 d = 100 Km.
	F	eZ	07 55 33		Peru-Ecuador border.
	M	eZ	07 55 52		
	R	eZ	07 55 44		
Aug. 10	B	ePZ	16 10 07		USCGS: 44°N, 144½°E
	MH	ePZ	16 10 11		0 = 15 59 13
	SH	iPZ	16 09 55		Near north coast of Hokkaido, Japan.
	F	iPZ	16 10 21		
	M	iPZ	16 09 59		
	R	iPZ	16 10 09		
Aug. 11	MH	iPZ	17 48 17		Pas: 31.7°N, 115.2°W
	M	eZ	17 51 23		0 = 17 46.3 M = 4.8
	R	eZ	17 50 22		Baja California.
	F	eZ	17 48 29		
Aug. 12	SH	ePZ	04 20 48		USCGS: 37°N, 141°E
	F	ePZ	04 21 10		0 = 04 09 26
	M	ePZ	04 20 52		Near east coast of Honshu, Japan.
	R	ePZ	04 21 01		
Aug. 12	MH	eZ	10 42 05		
	F	eZ	10 42 10		
	M	eZ	10 42 16		
	R	eZ	10 42 20		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 13	MH	ePZ	01 08 20		
	SH	iPZ	01 08 28		
	F	ePZ	01 08 16		
	M	ePZ	01 08 28		
Aug. 14	F	eZ	12 34 58		USCGS: 19½°N, 155½°W
					0 = 12 27 58 Hawaii.
Aug. 14	BG	eZ	16 56 47		USCGS: 33°S, 179°W
		e(SKS)N	17 06 37		0 = 16 43 20
	MH	ePZ	16 56 11		Kermadec Islands.
	SH	eZ	16 56 24		
	F	eZ	16 56 15		
	M	eZ	16 56 26		
	R	eZ	16 56 24		
Aug. 15	M	ePZ	00 37 36		USCGS: 25½°N, 45°W
					0 = 00 27 00
					Atlantic Ocean.
Aug. 15	MH	iPZ	06 08 03		
	SH	ePZ	06 07 42		
	F	ePZ	06 08 04		
	M	ePZ	06 08 12		
	R	ePZ	06 08 22		
Aug. 16	MH	eZ	06 38 41		
	SH	eZ	02 38 50		
Aug. 16	MH	iPZ	04 26 19		USCGS: 12½°N, 88½°W
	F	ePZ	04 26 08		0 = 04 18 50
	M	ePZ	04 26 31		Off coast of El Salvador.
	R	iPZ	04 26 22		
Aug. 16	B	iPZ	11 59 34	d	USCGS: 6°S, 155°E
	BG	ipPZ	12 00 20		0 = 11 46 58 M = 7¼ (Pas)
		ePPE	03 05		d = 200 Km. Solomon Islands.
		i(SKS)NEZ	09 45		
		i(S)NE	10 05		
	MH	ePZ	11 59 37	d	
		ipPZ	12 00 02		
		e(SKS)Z	09 31		
		e(S)Z	10 07		
	SH	ePZ	11 59 36		
		epPZ	12 00 22		
		e(SKS)N	09 47		
	F	iPZ	11 59 43	d	
		e(SKS)E	12 09 59		
	M	iPZ	11 59 38	d	
	R	iPZ	11 59 45	d	
		eEW	12 00 46		
	A	eE	11 59 33		
		e(SKS)E	12 09 47		
	C	iP	11 59 36		
		iSKS	12 09 51		
Aug. 16	B	iPZ	19 17 58		USCGS: 12½°N, 86½°W
	MH	iPZ	19 17 52		0 = 19 10 13
	SH	ePZ	19 18 08		Nicaragua.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 16 (contd)	F	ePZ	19 17 39		
	M	ePZ	19 18 07		
	R	ePZ	19 17 50		
Aug. 17	MH	iPZ	14 54 18		USCGS: 0 = 14 42 00
	SH	iPZ	14 54 11		Marianas Islands region.
Aug. 18	M	ePZ	05 20 20		
Aug. 18	MH	ePZ	08 39 11		USCGS: 0 = 08 26 25
	SH	ePZ	08 39 15		New Hebrides Islands.
	M	eP^{Z}	08 39 17		
Aug. 18	B	iPZ	17 14 04		
	MH	iPZ	17 14 14		
Aug. 19	B	iPZ	07 54 57		USCGS: 8°S, 79½°W
	MH	iPZ	07 54 53		0 = 07 44 44 d = 60 Km.
	SH	eP^{Z}	07 55 07		Near east coast of Peru.
	F	eP^{Z}	07 54 41		
	M	ePZ	07 55 04		
	R	iPZ	07 54 55		
Aug. 19	MH	iPZ	14 45 34		USCGS: 0 = 14 36 10
	SH	iP^{Z}	14 45 38		Virgin Islands region.
	F	ePZ	14 45 22		
Aug. 19	MH	ePZ	16 38 41		USCGS: 9°S, 71°W
	SH	ePZ	16 38 54		0 = 16 28 50 d = 650
	F	eZ	16 40 27		Acre, Brazil.
	R	eZ	16 40 42		
Aug. 20	MH	eP^{Z}	04 13 16		USCGS: 0 = 04 01 16
	F	ePZ	04 13 10		Atlantic Ocean, about 800 miles
	M	ePZ	04 13 15		north of Brazil.
Aug. 20	MH	eZ	04 38 58		
	M	eZ	04 38 56		
Aug. 20	MH	iPZ	19 09 08		USCGS: 20½°S, 176½°W
	SH	ePZ	19 09 17		0 = 18 57 28 d = 200 Km.
	F	ePZ	19 09 13		Tonga Islands.
	M	ePZ	19 09 17		
Aug. 21	MH	ePZ	09 04 12		USCGS: 0 = 08 52 44
	SH	eP^{Z}	09 04 27		Tonga Islands.
	F	eP^{Z}	09 04 24		
	M	eP^{Z}	09 04 11		
	R	ePZ	09 04 29		
Aug. 21	MH	iPZ	11 21 25		
	M	ePZ	11 21 23		
Aug. 21	MH	iPZ	16 11 04		USCGS: 24°N, 96½°E
	M	ePZ	16 10 36		0 = 16 04 01 Burma.
Aug. 21	B	ePZ	17 47 48		USCGA: 3°S, 137½°E
		ePPZ	51 50		0 = 17 33 58 M = 6 3/4-7 (Pas)
	BG	i(SKS) N E	58 25		New Guinea.
		e(PS)E	18 00 47		
	MH	eP^{Z}	17 47 50		
		ePPZ	51 51		
		iZ	18 02 28		
	SH	eP^{Z}	17 47 46		
		ePPZ	51 42		
		e(SKS)E N	58 24		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 21 (contd)	F	ePZ	17 47 56		
		e(SKS)E	58 38		
	M	ePZ	17 47 48		
	R	ePZ	17 47 57		
	A	eE	17 58 20		
	C	eP	17 47 40		
		eS	58 18		
Aug. 23	MH	iPZ	05 45 23		
	F	ePZ	05 45 26		
Aug. 23	B	iPZ	15 34 21		USCGS: 43½°N, 128°W
	SF	iEW	15 34 23		0 = 15 32 37 M = 6¼ (Pas)
	MH	ePZ	15 34 29		170 miles off coast of Oregon.
	SH	iPZ	15 33 50		
	M	iPZ	15 34 00		
		eSEW	35 01		
	C	iP	15 33 30		
	R	ePZ	15 34 24		
	PA	iPZ	15 34 27		
	F	iPZ	15 34 53		
	A	eNE	15 33 38		
	Fe	eE	15 33 41		
Aug. 23	MH	iZ	17 38 55		
	SH	eZ	17 38 17		
	F	eZ	17 39 15		
Aug. 24	B	iPZ	04 47 19		USCGS: 18°S, 178°W
	MH	iPZ	04 47 20		0 = 04 36 22 d = 600 Km.
	SH	iPZ	04 47 27		Fiji Islands.
	F	ePZ	04 47 24		
	M	iPZ	04 47 28		
	R	iPZ	04 47 33		
Aug. 24	B	eP^{Z}	06 58 25		USCGS: 44½°N, 129½°W
	SH	ePZ	06 57 58		0 = 06 56 20
	MH	ePZ	06 58 34		Off coast of Oregon.
	M	iPZ	06 58 07		
	C	iP	06 57 27		
	R	iPZ	06 58 31		
	A	eE	06 58 40		
	PA	ePZ	06 58 37		
Aug. 24	MH	ePZ	07 10 39		
	SH	ePZ	07 10 00		
	F	ePZ	07 10 56		
	M	ePZ	07 10 11		
	R	ePZ	07 10 34		
	C	iP	07 09 34		
Aug. 24	M	ePZ	10 44 45		
Aug. 24	SH	ePZ	14 14 12		
Aug. 24	MH	iPZ	15 51 07		USCGS: 0 = 15 39 17
	SH	iPZ	15 51 14		Fiji Islands
	F	ePZ	15 51 12		
Aug. 24	SH	eZ	18 29 21		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 24	MH	iZ	20 32 37		
	R	eZ	20 32 37		
Aug. 24	MH	iPZ	22 49 21		
Aug. 25	M	eZ	06 02 55		USCGS: 43½°N, 46°E 0 = 05 49 28 Dagestan, USSR.
Aug. 25	MH	iPZ	15 55 16		
Aug. 25	B	ePZ	22 20 56		USCGS: 52°N, 176°E
	BG	eS	27 37		0 = 22 12 43 d = 60 Kms.
	MH	iPZ	22 21 01		Rat Islands, Aleutian Islands.
	SH	ePZ	22 20 41		
	F	ePZ	22 21 13		
	M	iPZ	22 20 48		
	R	iPZ	22 21 00		
Aug. 26	M	ePZ	06 29 02		USCGS: 65½°N, 133W 0 = 06 23 29 Yukon.
Aug. 26	B	iPZ	21 05 22		USCGS: 16°S, 177½°E
	MH	iPZ	21 05 23		0 = 20 54 20 d = 600 Km.
	SH	iPZ	21 05 29		Fiji Islands region.
	F	ePZ	21 05 28		
	M	iPZ	21 05 32		
	R	iPZ	21 05 39		
Aug. 26	MH	ePZ	23 07 51		
Aug. 27	MH	iPZ	02 58 12		USCGS: 19°S, 69½°W
	SH	iPZ	02 58 24		0 = 02 46 30
	M	ePZ	02 58 17		Chile - Bolivia border.
Aug. 27	F	eZ	07 01 14		USCGS: 15°S, 168°E 0 = 06 48 45 d = 150 Km. New Hebrides Islands.
Aug. 27	MH	iPZ	11 58 49		
Aug. 27	MH	iPZ	15 51 16		
	SH	ePZ	15 51 23		
Aug. 28	MH	iPZ	06 48 58		
Aug. 28	M	ePZ	10 54 29		
Aug. 28	MH	iPZ	13 37 01		
	F	ePZ	13 37 12		
	M	ePZ	13 37 19		
Aug. 28	MH	iPZ	20 10 25		
	SH	ePZ	20 10 43		
	F	ePZ	20 10 11		
	M	ePZ	20 10 39		
	R	iPZ	20 10 27		
Aug. 28	B	iPZ	20 20 41	c	USCGS: 14°N, 91°W
		iPPZ	22 13		0 = 20 13 30 d = 60 Km. M = 6-3/4 (Pas)
		e(S)E	26 23		Near coast of Guatemala.
	MH	iPZ	20 20 35		
	SH	iPZ	20 20 52	c	
		iPPZ	22 26		
		e(S)E	26 51		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 28 (contd)	F	iPZ	20 20 21		
		e(S)EN	25 52		
	M	iPZ	20 20 48	c	
		iZ	23 01		
	R	ePZ	20 20 34		
		iPPE	22 09		
		e(S)E	26 22		
	A	eE	20 21 05		
	SF	ePE	20 20 40		
		e(S)E	26 28		
	C	iP	20 21 17		
Aug. 28	MH	iPZ	21 17 29		USCGS: 24½°S, 179°E
	SH	iPZ	21 17 36		0 = 21 05 59 d = 600 Km.
	F	ePZ	21 17 33		Fiji Islands region.
	M	ePZ	21 17 38		
Aug. 29	BG	eZ	01 21 38		USCGS: 0 = 01 14 27 d = 60 Km.
	MH	ePZ	01 21 32		Near coast of Guatemala.
	SH	ePZ	01 21 49		
	F	ePZ	01 21 17		
	M	ePZ	01 21 45		
	R	ePZ	01 21 33		
Aug. 29	MH	iZ	08 01 16		USCGS: 12°N, 87°W
	M	eZ	08 01 26		0 = 07 53 32
	R	eZ	08 01 13		Nicaragua.
Aug. 29	MH	iPZ	08 15 48		USCGS: 0 = 08 05 15 d = 100 Km.
	SH	iPZ	08 16 02		Near coast of Peru.
	M	ePZ	08 15 59		
	R	ePZ	08 15 50		
Aug. 29	SH	eZ	11 13 53		USCGS: 0 = 11 01 02
	M	eZ	11 13 55		New Hebrides Islands.
Aug. 29	B	ePZ	15 41 45		USCGS: 51°N, 178½°W
	BG	e(S)E	47 56		0 = 15 33 56
	MH	ePZ	15 41 51		Andreanof Islands, Aleutian Islands.
	SH	iPZ	15 41 31		
	F	ePZ	15 42 03		
	M	ePZ	15 41 37		
	R	ePZ	15 41 50		
Aug. 29	B	iPZ	23 22 47		USCGS: 11°S, 76½°W
	MH	iPZ	23 22 43		0 = 23 12 03
	F	ePZ	23 22 32		Peru.
	R	iPZ	23 22 45		
Aug. 30	B	iPZ	01 58 02		40°25'N, 124°11' W
	MH	iPZ	01 58 12		0 = 01 57 15 M = 4.1
	SH	iPZ	01 57 40		10 miles south of Ferndale. Felt.
	SF	eE	01 58 01		
	M	iPZ	01 57 47		
	R	iPZ	01 58 14		
	C	eP	01 58 20		
	F	ePZ	01 58 32		
	A	iPE	01 57 24		
	Fe	eE	01 57 20		
	PA	iPZ	01 58 07		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Aug. 30	MH	ePZ	03 43 41		USCGS: 0 = 03 30 50
	SH	ePZ	03 43 51		Kermadec Islands.
	F	ePZ	03 43 45		
	M	ePZ	03 43 52		
	R	ePZ	03 43 55		
Aug. 30	B	iPZ	17 46 42		USCGS: 28°N, 139°E
	MH	iPZ	17 46 46		0 = 17 35 20 d = 500 Km.
	SH	ePZ	17 46 34		Bonin Islands region.
	F	iPZ	17 46 54		
	M	iPZ	17 46 38		
	R	iPZ	17 46 47		
	C	eP	17 46 24		
Aug. 30	MH	iPZ	20 19 21		USCGS: 19½°S, 169½°E
	SH	ePZ	20 19 25		0 = 20 06 34
	F	ePZ	20 19 25		Loyalty Islands.
	R	ePZ	20 19 31		
Aug. 31	MH	iPZ	12 29 50		USCGS: 63½°N, 147°W
	SH	ePZ	12 29 22		0 = 12 23 36
	M	ePZ	12 29 23		Alaska.
Sept. 1	MH	iPZ	13 26 28		
	SH	ePZ	13 26 07		
	F	ePZ	13 26 07		
	M	ePZ	13 25 59		
Sept. 1	MH	iPZ	15 43 27		
	SH	ePZ	15 43 40		
	R	iPZ	15 43 27		
Sept. 1	F	eZ	17 40 53		USCGS: 10°N, 84½°W
	R	eZ	17 41 08		0 = 17 33 01
					Costa Rica.
Sept. 1	MH	ePZ	22 49 40		USCGS: 52½°N, 153°E
	SH	ePZ	22 49 22		0 = 22 40 15 d = 400 Km.
	F	eZ	22 49 52		Sea of Okhotsk.
Sept. 2	MH	ePZ	03 42 10		
	M	ePZ	03 42 19		
Sept. 2	MH	ePZ	13 29 23		USCGS: 0 = 13 17 07
	M	ePZ	13 29 30		Santa Cruz Islands.
Sept. 2	SH	ePZ	21 25 32		USCGS: 0 = 21 11 56
	F	ePZ	21 25 55		Western New Guinea.
Sept. 2	MH	ePZ	23 10 12		
	F	ePZ	23 10 29		
	R	ePZ	23 10 19		
Sept. 3	MH	ePZ	03 57 01		USCGS: 21½°S, 175°W
	F	ePZ	03 57 05		0 = 03 45 27 d = 300 Km.
	M	ePZ	03 57 11		Tonga Islands.
Sept. 3	MH	iPZ	05 31 56		USCGS: 18½°N, 70°W
	SH	ePZ	05 32 01		0 = 05 23 04
	F	ePZ	05 31 43		Dominican Republic.
	M	ePZ	05 31 57		
	R	ePZ	05 31 47		
Sept. 3	B	iPZ	12 43 30	c	USCGS: 14°N, 91°W
	BG	i(S)E	49 14		0 = 12 36 20 d = Km.
	MH	iPZ	12 43 20	c	M = 6½ (Pas) Guatemala.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 3 (contd)	SH	ePZ	12 43 37		
		i(S)E	49 38		
	F	ePZ	12 43 05		
	M	ePZ	12 43 33		
	R	iPZ	12 43 21		
	SF	eE	12 43 35		
	C	eP	12 44 02		
Sept. 3	B	ePZ	16 37 24		USCGS: 1°N, 123° E
		iP'Z	41 23		0 = 16 22 52
	MH	ePZ	16 37 27		Celebes Sea.
		eZ	41 25		
	SH	ePZ	16 37 19		
		eZ	41 21		
	F	eZ	16 41 28		
	M	eZ	16 37 50		
		eZ	41 23		
	R	eZ	16 40 57		
Sept. 4	MH	eZ	06 59 25		
	SH	eZ	06 59 26		
	F	eZ	06 59 21		
	M	eZ	06 59 26		
	R	eZ	06 59 29		
Sept. 4	B	iPZ	11 41 31		USCGS: 22°S, 69°W
	MH	ePZ	11 41 29		0 = 11 29 40 d = 100 Km.
	SH	iPZ	11 41 41		Northern Chile.
	F	ePZ	11 41 19		
	M	ePZ	11 41 39		
	R	iPZ	11 41 32		
Sept. 4	B	iPZ	19 20 29		USCGS: 43°N, 145° E
	MH	iPZ	19 20 33		0 = 19 09 30
	SH	iPZ	19 20 17		Hokkaido, Japan.
	F	ePZ	19 20 42		
	M	iPZ	19 20 22		
	R	iPZ	19 20 32		
Sept. 5	B	iPZNE	02 01 30		37°22' 121°47'
	PA	iPZ	02 01 25		0 = 02 01 18 M = 5.8
	MH	iPZ	02 01 22		6 miles west of Mt. Hamilton.
	SH	eZ	02 02 08		Felt.
	SF	eE	02 01 30		
	M	ePZ	02 02 04		
	R	iPZ	02 02 01		
	F	iPZ	02 01 47		
	C	eP	02 03 10		
	Fe	eE	02 02 47		
Sept. 5	B	ePZ	07 12 04		USCGS: 24°S, 180°
	MH	iPZ	07 12 04		0 = 07 00 35 d = 550 Km.
	SH	ePZ	07 12 12		South of Fiji Islands.
	M	iPZ	07 12 13		
Sept. 5	MH	iPZ	10 27 53		USCGS: 0 = 10 16 30
	SH	ePZ	10 28 01		Samoa Islands region.
	M	ePZ	10 28 03		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 5	MH	ePZ	11 56 31		USCGS: 0 = 11 45 40
	SH	iPZ	11 56 46		Off coast of Southern Peru.
	F	ePZ	11 56 20		
	M	ePZ	11 56 43		
	R	iPZ	11 56 34		
Sept. 6	SH	iPZ	09 31 39		USCGS: 28°N, 139°E
	M	ePZ	09 31 42		0 = 09 20 30 d = 550 Km.
					Bonin Islands region.
Sept. 7	B	ePZ	03 38 48		
	MH	iPZ	03 38 53		
	SH	ePZ	03 38 53		
	F	ePZ	03 39 01		
	M	ePZ	03 38 54		
	R	ePZ	03 38 57		
Sept. 7	SH	iPZ	12 58 25		
	M	ePZ	12 58 33		
	R	ePZ	12 58 52		
Sept. 8	MH	ePZ	00 47 08		
	SH	ePZ	00 47 03		
Sept. 8	B	eP'Z	02 22 26		USCGS: 0 = 02 03 15
		eZ	24 27		Sandwich Islands region.
	BG	eE	41 46		M = 6 3/4-7 (Pas)
	MH	iP'Z	02 22 25		
		eZ	24 20		
	SH	eP'Z	02 22 29		
	F	eP'Z	02 22 22		
	M	eP'Z	02 22 49		
	R	eP'Z	02 22 26		
Sept. 8	B	ePZ	03 40 09		USCGS: 7°S, 155½°E
	BG	e(S)N	50 21		0 = 03 27 14
	MH	ePZ	03 40 12		Solomon Islands.
	SH	ePZ	03 40 11		
	F	ePZ	03 40 17		
	M	ePZ	03 40 13		
	R	ePZ	03 40 19		
Sept. 8	MH	iPZ	11 08 47		USCGS: 53½°N, 160°E
	SH	ePZ	11 08 27		0 = 10 59 15
	M	ePZ	11 08 33		Near east coast of Kamchatka.
	R	ePZ	11 08 43		
Sept. 8	MH	ePZ	17 04 40		USCGS: 19°S, 176½°W.
	SH	ePZ	17 04 50		0 = 16 53 15 d = 250 Km.
					Tonga Islands.
Sept. 8	MH	ePZ	23 49 08		
	F	ePZ	23 49 22		
	SH	ePZ	23 48 24		
	M	ePZ	23 48 32		
	R	ePZ	23 48 50		
Sept. 9	MH	iPZ	07 20 05		
	M	ePZ	07 20 14		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 9	B	iPZ	10 01 06		USCGS: 2°S, 100°E
	MH	iPZ	10 01 07		0 = 09 41 57
	SH	ePZ	10 01 01		Near south coast of Sumatra.
	F	ePZ	10 01 10		
	M	ePZ	10 01 03		
	R	iPZ	10 01 08		
Sept. 9	MH	ePZ	16 34 10		USCGS: 7°S, 155°E
	SH	ePZ	16 33 58		0 = 16 21 12
	F	ePZ	16 34 16		Solomon Islands.
	R	iPZ	16 34 19		
Sept. 10	B	iPZ	00 56 57		
	MH	iPZ	00 56 55		
	SH	iPZ	00 56 59		
	M	iPZ	00 56 59		
Sept. 10	SH	ePZ	05 54 07		
	M	ePZ	05 54 11		
Sept. 10	B	iPZ	06 02 50		USCGS: 54½°N, 169°E
	MH	iPZ	06 02 56		0 = 05 54 08
	SH	iPZ	06 02 37		Komandaski Islands.
	F	ePZ	06 03 07		
	M	ePZ	06 02 40		
	R	iPZ	06 02 52		
Sept. 10	B	iPZ	09 36 37		USCGS: 50½°N, 173½°W
	MH	iPZ	09 36 43		0 = 09 29 15
	SH	iPZ	09 36 23		Andreanof Islands, Aleutian Islands.
	F	ePZ	09 36 55		
	M	ePZ	09 36 38		
	R	iPZ	09 36 42		
Sept. 10	MH	ePZ	12 40 58		
	M	ePZ	12 41 28		
Sept. 11	MH	iZ	00 55 20		USCGS: 48½°N, 125½°W
	F	eZ	00 55 44		0 = 00 52 35
	M	eZ	00 54 47		Near coast of Vancouver Island.
	R	eNS	00 56 01		
	C	eP	00 53 43		
Sept. 11	B	iPZ	02 00 02		USCGS: 0 = 01 49 57
	MH	iPZ	01 59 50		Peru-Ecuador border.
	SH	ePZ	02 00 11		
	F	ePZ	01 59 45		
	M	ePZ	02 00 07		
	R	ePZ	01 59 50		
Sept. 11	MH	iPZ	08 51 28		
	SH	ePZ	08 51 41		
	F	ePZ	08 51 03		
	M	ePZ	08 51 36		
	R	ePZ	08 51 28		
Sept. 11	B	iPZ	12 27 52		USCGS: 31½°N, 140°E
	MH	iPZ	12 27 36		0 = 12 15 58
	SH	iPZ	12 27 44		Off south coast of Honshu, Japan.
	F	ePZ	12 28 05		
	M	ePZ	12 27 37		
	R	iPZ	12 28 04		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 11	MH	ePZ	12 35 24		
	F	ePZ	12 35 28		
	M	ePZ	12 35 34		
Sept. 11	B	ePZ	18 07 25		USCGS: 7°S, 155°E
	MH	ePZ	18 07 29		0 = 17 54 28
	SH	ePZ	18 07 27		Solomon Islands.
	F	ePZ	18 07 34		
	M	ePZ	18 07 29		
	R	iPZ	18 07 36		
Sept. 11	B	ePZ	18 17 15		USCGS: 7°S, 155°E
	MH	ePZ	18 17 14		0 = 18 04 16
	SH	ePZ	18 17 13		Solomon Islands.
	F	ePZ	18 17 19		
	M	ePZ	18 17 14		
	R	iPZ	18 17 22		
Sept. 12	B	eP'Z	06 27 11		USCGS: 32½°N, 30°E
	BG	e(SKS)N	34 09		0 = 06 09 20
		e(PS)NE	37 07		Off coast of Egypt.
	MH	eP'Z	06 26 56		M = 6 3/4 (Pas)
	SH	ePZ	06 23 35		
		eZ	26 48		
	F	eP'Z	06 26 50		
	M	ePZ	06 23 19		
	R	ePZ	06 23 44		
Sept. 12	MH	ePZ	19 48 56		
	F	ePZ	19 48 39		
Sept. 13	B	ePZ	02 08 16		USCGS: 52°N,176°W
	BG	e(S)E	14 14		0 = 02 00 43 d = 60 Km.
	MH	iPZ	02 08 22		M = 5 3/4-6 (Pas)
	F	ePZ	02 08 34		Andreanof Islands, Aleutian Islands.
	M	ePZ	02 08 07		
	R	iPZ	02 08 29		
	C	eP	02 07 39		
Sept. 13	B	iPZ	07 41 47		
	MH	iPZ	07 41 47		
	F	ePZ	07 41 50		
	M	ePZ	07 41 56		
Sept. 13	B	ePZ	17 19 45		USCGS: 45°S, 96½°E
	MH	iPZ	17 19 44		0 = 16 59 52
	F	ePZ	17 19 48		South Indian Ocean.
	M	ePZ	17 19 48		
	R	ePEW	17 20 01		
Sept. 14	F	ePZ	17 41 41		USCGS: 0 = 17 32 10
					Laptev Sea - 300 miles north of
					Tamyr Peninsula.
Sept. 15	B	ePZ	12 44 36		USCGS: 5°S, 134½°E
	MH	ePZ	12 44 37		0 = 12 30 27
	F	ePZ	12 44 45		Off coast of Western New Guinea.
	M	ePZ	12 44 36		
	R	ePZ	12 44 43		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 15	M	eZ	13 00 26		
	R	eZ	13 00 52		
Sept. 16	MH	ePZ	04 40 59		USCGS: 15°S, 177½°W
	F	ePZ	04 41 04		0 = 04 30 00 d = 400 Km.
	M	ePZ	04 41 57		Fiji Islands region.
	R	ePZ	04 41 12		
Sept. 16	B	ePZ	04 55 13		USCGS: 30°S, 178½°W
	MH	ePZ	04 55 14		0 = 04 42 30
	F	ePZ	04 55 16		Kermadec Islands.
	M	ePZ	04 55 22		
	R	ePZ	04 55 28		
Sept. 16	MH	ePZ	07 13 32		USCGS: 0 = 07 00 47
	M	ePZ	07 13 39		Solomon Islands.
Sept. 16	MH	ePZ	07 44 14		
	F	ePZ	07 44 27		
	R	ePZ	07 45 12		
Sept. 16	MH	ePZ	10 12 48		USCGS: 21°S, 176°W 0 = 10 01 35
	M	ePZ	10 12 58		d = 500 Km. Tonga Islands.
Sept. 17	MH	iPZ	02 05 42		
	R	ePZ	02 05 44		
Sept. 17	MH	eZ	12 08 12		USCGS: 17½°S, 168½°E
					0 = 11 55 26
					New Hebrides Islands.
Sept. 17	MH	eZ	15 02 24		USCGS: 17½°S, 168°E
					0 = 14 49 40
					New Hebrides Islands.
Sept. 17	F	eZ	18 29 26		USCGS: 17½°S, 168½°E
					0 = 18 16 35
					New Hebrides Islands.
Sept. 17	B	ePZ	20 09 32		USCGS = 32°S, 178°W
	MH	ePZ	20 09 32		0 = 19 56 46
	F	ePZ	20 09 35		Kermadec Islands.
	R	ePZ	20 09 56		
Sept. 18	MH	iPZ	06 53 10		
	M	iPZ	16 53 05		
Sept. 18	F	ePZ	09 12 12		
	M	ePZ	09 12 18		
Sept. 19	MH	ePZ	04 24 07		USCGS: 26½°N, 129°E
					0 = 04 11 03
					Ryukyu Islands.
Sept. 19	MH	iPZ	20 29 31		USCGS: 0 = 20 22 56 d = 50 Km.
	F	ePZ	20 30 04		Andreanof Islands, Aleutian Islands.
	M	ePZ	20 29 11		
	R	ePZ	20 30 05		
	A	eE	20 29 24		
	C	iP	20 28 48		
Sept. 20	B	iPZ	13 33 06		USCGS: 32°S, 178°W
	BG	e(S)NE	43 40		0 = 13 20 19
	MH	iPZ	13 33 07		Kermadec Islands.
	F	iPZ	13 33 10		
	M	iPZ	13 33 16		
	R	ePZ	13 33 19		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 20	MH	eZ	18 25 21		
Sept. 20	MH	ePZ	22 59 28		
	F	ePZ	22 58 31		
Sept. 21	B	ePZ	06 52 20		USCGS: 17½°S, 169°E
	MH	iPZ	06 52 21		0 = 06 39 38
	F	ePZ	06 52 27		New Hebrides Islands.
	M	ePZ	06 52 27		
	R	iPZ	06 52 32		
Sept. 21	B	iPZ	07 53 37		USCGS: 27°N, 112°W
	MH	iPZ	07 53 21		0 = 07 50 06
	F	ePZ	07 53 02		Baja California.
	M	ePZ	07 53 53		
	R	ePZ	07 53 35		
Sept. 21	B	iPZ	09 19 27		USCGS: 0 = 09 18 02
	MH	iPZ	09 19 37		Near coast of Oregon.
	F	ePZ	09 19 59		
	M	iPZ	09 19 07		
	R	ePZ	09 19 48		
	A	eE	09 19 04		
	Fe	eN	09 19 16		
	C	iP	09 18 51		
Sept. 22	B	ePZ	03 38 27		USCGS: 24°N, 123°E
	BG	e(S)E	48 47		0 = 03 25 03
	MH	iPZ	03 38 27		Off east coast of Formosa.
	F	ePZ	03 38 32		
	M	ePZ	03 38 18		
	R	ePZ	03 38 26		
Sept. 23	MH	iPZ	07 39 49		
	M	eZ	07 38 54		
	R	eZ	07 38 45		
Sept. 23	MH	ePZ	12 36 27		USCGS: 15°S, 170°E
	M	ePZ	12 36 33		0 = 12 23 00
					New Hebrides Islands.
Sept. 23	B	eZ	15 24 47		USCGS: 27°N, 101½°E
	MH	eZ	15 20 23		0 = 15 06 19
	F	eZ	15 20 40		Yunnan Province, China.
	R	eZ	15 24 31		
	C	eP	15 19 57		
Sept. 23	B	iPZ	19 30 06		USCGS: 0 = 19 17 29
	MH	iPZ	19 30 08		New Hebrides Islands.
	F	iPZ	19 30 12		
	M	ePZ	19 30 13		
	R	iPZ	19 30 18		
Sept. 24	B	ePZ	02 13 33		USCGS: 32°S, 178°W
	BG	eN	23 47		0 = 02 00 45
		eE	24 15		Kermadec Islands.
	MH	ePZ	02 13 28		
	F	ePZ	02 13 36		
	M	ePZ	02 13 44		
	R	ePZ	02 13 44		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 24	BG	eE	10 45 31		USCGS: 22°N, 122°E
	M	ePZ	10 34 53		0 = 10 21 29
					Off east coast of Formosa.
Sept. 24	B	iPZ	17 02 44		USCGS: 23°S, 68°W
	MH	iPZ	17 02 40		0 = 16 50 45
	F	ePZ	17 02 31		Northern Chile.
	M	iPZ	17 02 50		
	R	iPZ	17 02 42		
Sept. 25	MH	iPZ	11 46 30		USCGS: 0 = 11 34 57
	F	ePZ	11 46 38		Tonga Islands region.
	M	iPZ	11 46 45		
Sept. 25	MH	iPZ	18 54 24		USCGS: 0 = 18 47 26
	F	ePZ	18 54 09		Near coast of Guatemala.
	M	ePZ	18 54 39		
	R	iPZ	18 54 27		
Sept. 25	B	eZ	19 16 32		USCGS: 6°N, 127½°E
	MH	eZ	19 17 50		0 = 18 59 22 d = 100 Km.
	F	eZ	19 16 56		Off east coast of Mindanao,
	R	eZ	19 16 35		Philippine Islands.
Sept. 25	MH	eZ	19 29 17		
	F	eZ	19 29 21		
Sept. 26	B	ePZ	08 35 00		USCGS: 15½°N, 92½°W
	BG	i(S)N	40 17		0 = 08 28 20 d = 200 Km.
	MH	eNE	08 34 54		M = 6 3/4 (Pas) Chiapas, Mexico.
	F	ePZ	08 34 39		
	M	ePZ	08 35 06		
	R	eNS	08 34 55		
	A	ePE	08 35 24		
	SF	ePE	08 35 01		
	Fe	eE	08 35 00		
	C	iP	08 35 36		
Sept. 26	B	ePZ	08 38 23		
	BG	e(S)N	43 16		
Sept. 27	MH	ePZ	07 13 24		
	F	ePZ	07 13 13		
	M	ePZ	07 13 35		
Sept. 27	MH	ePZ	11 54 01		
	F	ePZ	11 54 04		
	M	ePZ	11 54 22		
Sept. 27	MH	ePZ	20 49 50		USCGS: 0 = 20 37 12
	F	ePZ	20 49 56		Kermadec Islands.
Sept. 28	B	ePZ	18 16 07		USCGS: 15°N, 97½°W
	BG	e(S)E	21 23		0 = 18 09 40
	MH	iPZ	18 15 59		Near coast of Oaxaca, Mexico.
	F	ePZ	18 15 45		
	R	ePZ	18 16 03		
	C	eP	18 16 49		
Sept. 29	MH	eZ	01 05 04		
Sept. 29	M	eZ	08 47 46		USCGS: 0 = 08 38 28
	R	eZ	08 47 59		Near east coast of Kamchatka.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Sept. 29	M	eZ	11 38 10		USCGS: 51½°N, 176°W
					0 = 11 30 33
					Andreanof Islands, Aleutian Islands.
Sept. 29	B	iPZ	20 09 36		USCGS: 40°N, 141°E
	M	iPZ	20 09 40		0 = 19 58 27 d = 150 Km.
	SH	iPZ	20 09 25		Northern Honshu, Japan.
	F	iPZ	20 09 49		
	R	iPZ	20 09 40		
	C	eP	20 09 08		
Sept. 30	SH	eZ	07 19 32		USCGS: 7½°N, 126½°E
	M	eZ	07 19 24		0 = 07 01 22
					Near east coast of Mindanao.
Sept. 30	MH	ePZ	13 55 24		USCGS: 51½°N, 176½°W
	SH	ePZ	13 55 10		0 = 13 47 37
	R	eZ	13 55 30		Andreanof Islands foreshock.
Sept. 30	B	ePZ	19 22 07		USCGS: 51½°N, 176½°W
	MH	iPZ	19 22 08		0 = 19 14 24
	SH	ePZ	19 22 47		Andreanof Islands, Aleutian Islands.
	F	ePZ	19 22 21		
	M	ePZ	19 21 56		
	R	ePZ	19 22 12		

Bulletin of the Seismographic Stations

Volume 25, No. 4, pp. 117–162

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

Earthquakes and the Registration of Earthquakes

From October 1, 1955, to December 31, 1955

BY
DON TOCHER

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY AND LOS ANGELES
1957

SEISMOGRAPHIC STATIONS OF THE UNIVERSITY OF CALIFORNIA

Perry Byerly, Director

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and

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VOLUME 25 NUMBER 4

By Don Tocher

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UNIVERSITY OF CALIFORNIA PRESS

BERKELEY AND LOS ANGELES

1957

UNIVERSITY OF CALIFORNIA PRESS

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CALIFORNIA

CAMBRIDGE UNIVERSITY PRESS

LONDON, ENGLAND

Issued September 23, 1957

Price 75 Cents

MADE IN THE UNITED STATES OF AMERICA

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

Map No. for each epicenter corresponds to a number plotted on the map which follows the list of epicenters.

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

M is the Richter Magnitude of the earthquakes as determined from the maximum trace amplitudes recorded for the shock by the standard Wood-Anderson Torsion Seismographs. In routine practice, the nomogram given by Nordquist in the "Bulletin of the Seismological Society of America", 32:164, is used for magnitude determinations.

Q indicates the excellence with which the epicenter has been located. "a" indicates excellent, "b" good, "c" fair, and "d" poor. Under Remarks will be found a short descriptive location of each epicenter, usually with reference to a point named on the map. Information on small foreshocks and aftershocks is sometimes included in the Remarks. When numerous foreshocks or aftershocks accompany a large earthquake, a separate table is generally included following the main list of local shocks, giving origin times, Richter Magnitudes, and, where significant differences in location can be determined, the geographic coordinates. The larger earthquakes of after-shock series are also included in the main list of local shocks.

Information on the intensities of shocks reported felt is also included under Remarks. Reports on felt earthquakes are chiefly those collected by the Seismological Field Survey of 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 Western Mountain Region". This is a quarterly publication, and may be obtained from the District Officer, San Francisco District, Coast and Geodetic Survey, 121 Customhouse, San Francisco 26, California, or from the Director, U. S. Coast and Geodetic Survey, Washington 25, D. C.

Intensities are given by Roman numerals when sufficient information on the effects of the shock is available. These intensity numbers assigned by the Coast and Geodetic Survey are based on the Modified Mercalli Intensity Scale of 1931 (Harry O. Wood and Frank Neumann, "Bulletin of the Seismological Society of America", 21:277-283, 1931), the criteria of which follow in an abridged form.

MODIFIED MERCALLI INTENSITY SCALE OF 1931
(Abridged)

I. Not felt except by a very few under especially favorable circumstances.

II. Felt only by a few persons at rest, especially on upper floors of buildings. Delicately suspended objects may swing.

III. Felt quite noticeably indoors, especially on upper floors of buildings, but many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibration like passing truck. Duration estimated.

IV. During the day felt indoors by many, outdoors by few. At night some awakened. Dishes, windows, doors disturbed; walls made creaking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.

V. Felt by nearly everyone; many awakened. Some dishes, windows, etc., broken; a few instances of cracked plaster; unstable objects overturned. Disturbances of trees, poles, and other tall objects sometimes noticed. Pendulum clocks may stop.

VI. Felt by all; many frightened and run outdoors. Some heavy furniture moved; a few instances of fallen plaster or damaged chimneys. Damage slight.

VII. Everybody runs outdoors. Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable in poorly built or badly designed structures; some chimneys broken. Noticed by persons driving motor cars.

VIII. Damage slight in specially designed structures; considerable in ordinary substantial buildings with partial collapse; great in poorly built structures. Panel walls thrown out of frame structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned. Sand and mud ejected in small amounts. Changes in well water. Disturbed persons driving motor cars.

IX. Damage considerable in specially designed structures; well designed frame structures thrown out of plumb; great in substantial buildings with partial collapse. Buildings shifted off foundations. Ground cracked conspicuously. Underground pipes broken.

X. Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations; ground badly cracked. Rails bent. Landslides considerable from river banks and steep slopes. Shifted sand and mud. Water splashed (slopped) over banks.

XI. Few, if any (masonry) structures remain standing. Bridges destroyed. Broad fissures in ground. Underground pipe lines completely out of service. Earth slips and land slips in soft ground. Rails bent greatly.

XII. Damage total. Waves seen on ground surfaces. Lines of sight and level distorted. Objects thrown upward into the air.

EARTHQUAKES IN NORTHERN CALIFORNIA, NEVADA, AND OREGON

(This list includes only those aftershocks of the 1954 Nevada earthquakes whose magnitudes are 4.0 and above. See the following list for a more complete tabulation of these aftershocks.)

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
1	Oct. 4	03-37-24	1.9	37° 21'	121° 48'	c	8 miles WNW of Mt. Hamilton.
2	6	07-15-42	4.1	39° 17'	118° 03'	c	Nevada aftershock.
3	9	08-44-30	1.8	37° 12'	121° 56'	b	Near San Jose.
4	18	09-58-31	1.9	37° 22'	121° 53'	c	Near San Jose.
5	20	04-08-52	3.0	37° 00'	121° 31'	a	16 miles NW of Hollister.
6	21	02-43-28	2.6	37° 13'	121° 38'	a	10 miles South of Mt. Hamilton.
7	22	07-04-13	4.2	36° 13'	120° 20'	c	North of Coalinga. V at Coalinga and 14 miles NW of Coalinga.
8	22	17-52-30	2.0	38° 02'	122° 14'	a	12 miles NNE of Berkeley.
9	23	02-24-43	2.2	37° 12'	121° 46'	c	Southwest of Mt. Hamilton.
10	24	04-10-44	5.4	37° 58'	122° 03'	a	Between Walnut Creek and Concord. Magnitude by Pasadena. Felt over an area of approximately 12,000 square miles of West-Central California, centering in the Walnut Creek region of Contra Costa County. Maximum intensity VII. Moderate property damage, estimated at $1,000,000, occurred over a considerable area, and consisted mainly of broken windows, cracked walls and plaster, and loss from broken merchandise. The press attributed one death in Oakland to the shock, caused by a fire started by the earthquake. Intensity VII at Berkeley, Canyon, Concord, Cowell, Moraga, Pacheco, and Walnut Creek. VI throughout much of the San Francisco bay area.
10	24	04-27-49	3.0	38° 01'	121° 56'	a	Aftershock.
10	24	06-03-56	2.3	38° 00'	121° 58'	a	Aftershock. Felt at Walnut Creek.
10	24	08-18-25	2.7	38° 00'	121° 56'	a	Aftershock.
10	24	09-45-33	3.1	38° 02'	121° 57'	a	Aftershock.
10	25	00-00-45	2.6	38° 00'	121° 56'	b	Aftershock.
11	25	13-23-23	2.6	36.7°	121.1°	d	Southeast of Hollister.
10	26	02-47-06	3.3	38° 02'	121° 58'	a	Walnut Creek aftershock. Felt at Walnut Creek, Lafayette, Orinda, and Canyon.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
10	Oct. 26	03-46-21	2.1	38° 00'	121° 56'	a	Walnut Creek aftershock.
10	26	08-02-10	3.3	38° 02'	121° 57'	a	Walnut Creek aftershock. Reported felt "from Martinez to Oakland..."
10	26	22-51-26	3.1	37° 59'	121° 55'	a	Walnut Creek aftershock. Felt in San Francisco bay area. Minor damage in Martinez.
12	27	21-38-20	2.5	37° 16'	121° 46'	b	10 miles SW of Mt. Hamilton.
13	28	11-09-23	2.3	37° 32'	121° 45'	c	Northeast of San Jose.
14	28	13-33-25	2.5	36° 59'	121° 49'	b	East of Santa Cruz.
10	28	16-42-21	2.7	38° 02'	121° 58'	b	Walnut Creek aftershock.
15	28	17-48-53	3.1	36° 57'	121° 25'	b	North of Hollister.
10	28	19-54-37	2.5				Walnut Creek aftershock.
10	29	01-17-53	2.6	38° 02'	121° 59'	b	Walnut Creek aftershock.
16	31	17-22-53	2.8	37° 30'	121° 38'	b	8 miles SW of Mt. Hamilton.
10	Nov. 1	08-50-54	3.7	37° 59'	122° 02'	c	Walnut Creek aftershock. V in the East bay region. Press reported some windows cracked and many people awakened in Concord.
17	1	16-00-15	2.6	36° 54'	121° 38'	b	Northwest of Hollister.
18	2	06-15-17	4.6	39° 30'	118° 03'	b	Nevada aftershock.
19	2	19-40-06	5.2	36° 00'	120° 55'	a	55 miles NNW of San Luis Obispo. Felt over an area of approximately 5000 square miles of the Coastal Region of West-Central California. Maximum intensity VI. Slight damage reported. VI at Adelaida Road (14 mi. W. of Paso Robles), Bryson, King City, Paso Robles, San Ardo, San Lucas, and San Miguel.
10	3	22-04-45	3.3	37° 58'	122° 02'	a	Walnut Creek aftershock. Felt in Berkeley and at several points in Contra Costa County.
20	5	04-49-35	3.0	40.8°	124.3°	d	Southwest of Arcata. IV at Eureka.
21	6	02-18-02	3.0	38.9°	122.6°	d	30 miles North of Santa Rosa.
22	7	19-51-38	2.6	37° 27'	121° 51'	b	Northeast of San Jose.
23	8	02-40-52	4.2	37° 30'	118° 48'		Epicenter, origin time, and magnitude by Pasadena. V at Long Valley Dam (Bishop). IV at Yosemite Valley.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
24	Nov. 9	20-57-59	2.5	37° 27'	121° 47'	b	Northeast of San Jose.
25	10	18-02-16	3.6	37° 50'	122° 03'	b	Near Danville. IV at Canyon and Moraga.
26	11	12-18-00	3.2	40° 30'	121° 34'	c	North of Mineral.
10	12	12-55-18	3.0	37° 57'	122° 01'	b	Walnut Creek aftershock.
27	12	18-36-59	3.1	36° 31'	120° 40'	c	Southeast of Llanada.
28	13	09-03-30	2.9	35.9°	120.5°	d	Southwest of Coalinga.
26	14	07-15-59	3.2	40° 29'	121° 35'	b	North of Mineral. IV at Mineral. Also felt at Manzanita Lake.
29	14	08-03-02	2.7	36° 54'	121° 27'	c	Northwest of Hollister.
26	14	13-12-58	3.1	40° 28'	121° 36'	c	North of Mineral. V at Manzanita Lake.
30	15	21-54-52	3.2	40.7°	123.6°	d	Southeast of Arcata. IV near Eureka.
10	17	23-02-40	2.9	37° 55'	122° 00'	b	Walnut Creek aftershock.
31	18	09-38-43	3.6	40° 25'	124° 05'	b	12 miles Southeast of Ferndale. IV at Rio Dell.
32	18	17-13-20	3.3	40.2°	120.2°	d	Southeast of Susanville.
33	19	10-59-41	3.3	36° 02'	120° 54'	c	Southeast of King City.
10	20	17-59-05	3.4	37° 55'	122° 01'	a	Walnut Creek aftershock. Felt at Walnut Creek.
34	21	20-25-33	5.5	39° 25'	118° 05'	c	Nevada aftershock.
34	21	20-40-35	4.4	39° 25'	118° 05'	d	Nevada aftershock.
35	22	12-31-47	2.2	37° 36'	122° 26'	b	South of San Francisco. Felt in San Francisco Bay area.
36	23	04-24-08	4.1	39° 52'	118° 02'	c	Nevada aftershock.
37	25	16-30-01	4.3	39° 23'	118° 03'	c	Nevada aftershock.
38	25	18-26-49	4.2	39° 23'	118° 00'	c	Nevada aftershock.
39	29	18-55-56	3.1	41.4°	121.9°	d	Northeast of Dunsmuir. Near Mt. Shasta.
40	30	23-12-29	3.7	37° 54'	119° 02'	c	East of Yosemite.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
41	Dec. 1	04-46-12	2.4	37° 37'	122° 31'	a	South of San Francisco. Felt in San Mateo (Press).
42	1	06-01-38	2.9	40° 28'	121° 33'	b	North of Mineral. IV at Mineral.
42	1	06-03-38	2.9	40° 28'	121° 33'	c	North of Mineral. IV at Mineral.
42	1	06-26-54	2.2	40° 28'	121° 33'	c	North of Mineral. Felt at Mineral.
37	1	10-24-57	4.3	39° 24'	118° 03'	c	Nevada aftershock.
43	1	15-31-16	4.0	39° 11'	118° 07'	c	Nevada aftershock.
44	3	00-49-16	2.5	37° 13'	122° 14'	a	15 miles South of Palo Alto. Blast?
45	8	21-55-27	3.0	40° 26'	121° 27'	c	Northeast of Mineral.
	10	04-16-30	3.0	36° 48'	121° 28'	b	Southwest of Hollister. IV 7 miles South of Hollister.
46	11	20-10-38	3.5	36° 16'	120° 43'	c	Northwest of Coalinga.
47	12	18-16-34	4.0	39° 34'	118° 29'	c	Nevada aftershock.
48	12	19-41-20	4.2	43.4°	127.3°	d	150 miles West of Coos Bay, Oregon.
49	15	08-52-30	2.3	38° 10'	121° 53'	b	22 miles Northeast of Berkeley.
50	16	14-43-11	3.8	36° 02'	120° 52'	c	Southeast of King City. Felt at Atascadero, Paso Robles, and San Miguel.
51	19	19-55-10	2.3	37° 38'	122° 29'	b	South of San Francisco.
52	22	08-04-50	3.1	38° 20'	122° 38'	b	Southeast of Santa Rosa.
53	22	12-05-07	4.8	38° 59'	118° 42'	b	35 miles South of Fallon, Nevada. This shock and the next are outside the region of aftershocks of the 1954 Nevada earthquakes.
53	22	12-06-54	4.6	38° 59'	118° 42'	c	Aftershock of preceding.
51	23	12-40-33	2.6	37° 37'	122° 27'	b	South of San Francisco. Felt at Pedro Valley (Phone call to Berkeley station).
51	24	03-33-04	2.8	37° 37'	122° 27'	b	South of San Francisco.
51	25	19-04-50	2.3	37° 37'	122° 27'	c	South of San Francisco.

Map No.	Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	Remarks
54	Dec. 29	08-19-34	2.1	37° 14'	121° 40'	c	Southwest of Mt. Hamilton.
55	29	13-33-17	3.4	36° 27'	121° 15'	c	North of King City.
56	31	13-51-04	4.5	39° 00'	118° 02'	b	Nevada aftershock.
57	31	18-17-48	2.3	37° 18'	121° 46'	b	West of Mt. Hamilton.

AFTERSHOCKS OF THE 1954 NEVADA EARTHQUAKES

The following list is a continuation of the lists in preceding bulletins giving the larger aftershocks of the large Nevada Earthquakes of 1954. The list is probably nearly complete for shocks of magnitude above 3-1/2, and includes some of lower magnitude.

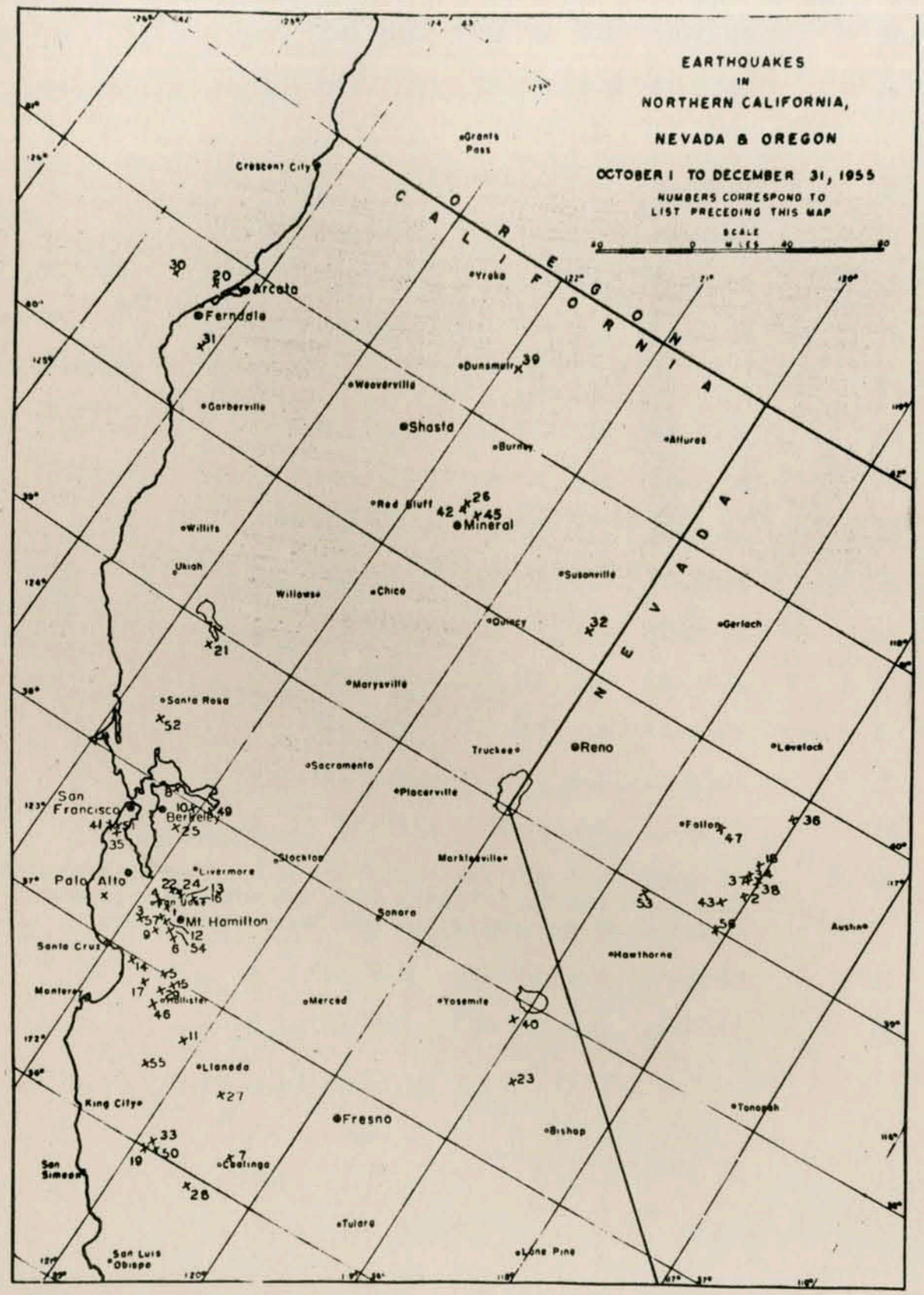
Coordinates of the original earthquakes:

Date 1954	Origin Time (G.C.T.)	Latitude	Longitude	Magnitude
July 6	11-13-20	39° 25'N	118° 32'W	6.8
August 24	05-51-32	39° 35'N	118° 27'W	6.8
December 16	11-07-13	39° 19'N	118° 12'W	7.2
December 16	11-11-28	Epicenter about 30 miles North of preceding.		7.1

AFTERSHOCKS - FOURTH QUARTER OF 1955

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q
Oct. 1	06-10-43	3.5	39.0°	118.0°	d
1	12-42-23	3.3	40.3°	118.3°	d
2	12-31-08	2.8	39.7°	118.5°	d
3	12-40-14	3.9	39° 14'	118° 06'	c
6	07-15-42	4.1	39° 17'	118° 03'	c
7	01-17-03	3.4	39.7°	118.5°	d
9	03-43-51	3.7	39.5°	118.0°	d
10	04-26-24	3.7	39° 11'	118° 06'	c
12	03-20-52	3.5	39.2°	118.1°	d
14	22-24-47	3.4	39° 32'	118° 01'	c
23	14-03-24	3.9	39° 32'	118° 25'	c
24	13-48-05	3.8	39.2°	118.1°	d
24	16-11-23	3.9	39° 13'	118° 02'	c

Date 1955	Origin Time (G.C.T.)	M	Latitude North	Longitude West	Q	
Oct. 25	06-04-03	3.7	39° 19'	118° 04'	c	
28	21-12-23	3.7	39° 49'	118° 06'	c	
Nov. 2	06-15-17	4.6	39° 30'	118° 03'	b	
3	17-24-18	3.6	39.0°	118.2°	d	
3	22-09-49	3.6	39.1°	118.1°	d	
10	19-41-00	3.0	39° 06'	118° 09'	c	
21	20-25-33	5.5	39° 25'	118° 05'	c	
21	20-40-35	4.4	39° 25'	118° 05'	d	
21	21-15-30	3.9	39° 37'	118° 02'	c	
23	04-24-08	4.1	39° 52'	118° 02'	c	
24	00-24-23	3.9	39° 36'	118° 00'	c	
25	16-30-01	4.3	39° 23'	118° 03'	c	
25	18-26-49	4.2	39° 23'	118° 00'	c	
Dec. 1	10-24-57	4.3	39° 24'	118° 03'	c	
1	11-09-01	3.9	39° 24'	118° 03'	c	
1	15-31-16	4.0	39° 11'	118° 07'	c	
12	18-16-34	4.0	39° 34'	118° 29'	c	
21	14-35-52	3.5	39.5°	118.4°	d	
22	12-05-07	4.8	38° 59'	118° 42'	b	The epicenters of this shock and the following shock are not in the general region of aftershocks of the 1954 Nevada Earthquakes.
22	12-06-54	4.6	38° 59'	118° 42'	c	
31	13-51-04	4.5	39° 00'	118° 02'	b	



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
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'	123	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 dilitation 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
1955			h. m. s.		
Oct. 1	MH	eP	00 21 15		USCGS: 53-1/2°N 170°E 0 = 00 12 29
	SH	eP	20 55		Komandorskie Islands region.
	F	eP	21 26		
	M	e	11		
Oct. 1	MH	iP	06 14 37		
	SH	iP	15		
	M	eP	20		
Oct. 1	M	e(PP)	06 47 49		USCGS: 30°N 101°E 0 = 06 29 54
					Sikang Province, China.
Oct. 1	MH	eP	10 16 51		USCGS: Near coast of Guerrero,
		e	58		Mexico. 0 = 10 11 07
	F	eP	35		
	M	eP	17 07		
	R		16 54		
Oct. 1	MH	eP	10 34 01		USCGS: 41°N 141°E 0 = 10 22 33
	SH	eP	33 48		Near North coast of Honshu,
	M	eP	55		Japan.
Oct. 1	M	eP	12 37 17		USCGS: 25°S 177°W 0 = 12 24 49
					Tonga Islands region.
Oct. 1	B	eP	19 01 54	d	USCGS: 19°S 169°E 0 = 18 49 10
		e	02 12		New Hebrides Islands.
	MH	iP	01 55	d	
		i	02 24		
		ePP	05 21		
	SH	iP	02 00	d	
	F	eP	01 59	d	
	M	eP	02 00	d	
	R	eP	06		
Oct. 2	MH	e	03 21 08		USCGS: Andreanof Islands, Aleutian
	SH	e	01		Islands. 0 = 03 13 40
	M		17		
Oct. 2	B	eP	16 11 38		USCGS: 5-1/2°N 83°W 0 = 16 02 54
	MH	eP	33		Off coast of Panama.
		i	48		
	SH	iP	48		
		e	12 04		
	F	eP	11 20		
	M	eP	44		
	R	iP	33		
Oct. 2	MH	eP	19 47 58		USCGS: Tonga Islands region.
	SH	eP	48 05		0 = 19 35 43
	F	eP	02		
	M	eP	07		
Oct. 2	B	eP	23 07 37		
	MH	iP	33		
		i	53		
		e(PP)	10 21		
	SH	eP	07 50		
	F	eP	26		
	R	eP	45		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 3	MH	iP	03 03 22		
	SH	iP	30		
	F	iP	28		
	M	iP	31		
	R	eP	38		
Oct. 3	MH	i(P)	08 08 43		
Oct. 3	MH	eP	10 13 38		USCGS: Fiji Islands region.
	SH	eP	53		0 = 10 02 16 h about 600 Km.
	F	eP	43		
		e	16 03		
	M	eP	13 48		
		e	16 04		
Oct. 3	M	e	10 54 49		
Oct. 3	B	eP	11 26 58		USCGS: Near South coast of
	MH	iP	27 09		Vancouver Island, British
		i	18		Columbia. 0 = 11 24 03
	SH	eP	26 24		
	F	eP	27 24		
	M	iP	26 31		
		i	38		
		i	51		
	R	iP	51		
Oct. 3	MH	i	16 43 45		
Oct. 3	MH	eP	17 46 31		USCGS: 56°N 162°W 0 = 17 40 00
	SH	iP	09		Alaska Peninsula.
		e	40		
	F	eP	46		
	M	iP	15		
	R	eP	29		
Oct. 4	MH	e	06 35 41		
Oct. 4	MH	i	07 39 22		USCGS: Tonga Islands region.
	SH	e	18		0 = 07 26 57
	F	e	20		
	M	e	27		
Oct. 4	MH	i	16 13 19		
Oct. 4	MH	iP	21 00 46		USCGS: Fiji Islands region.
	SH	iP	53		0 = 20 48 29
Oct. 5	SH	eP	00 58 46		USCGS: 23-1/2°S 178°W h about
					200 Km. 0 = 00 46 42
					Tonga Islands region.
Oct. 5	SH	eP	01 49 45		
	F	eP	50 39		
	M	eP	49 53		
	R	e	50 15		
Oct. 5	SH	e	05 33 46		
	M	e	58		
Oct. 5	B	eP	09 07 21		USCGS: 53-1/2°N 161°E 0 = 08 57 55
	MH	eP	22		Near East coast of Kamchatka.
		i	53		
	SH	iP	03		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 5	F	eP	09 07 33		
(contd)	M	eP	07		
		i	23		
	R	eP	19		
Oct. 5	SH	eP	17 50 45		
Oct. 6	MH	iP	00 19 04		
		i	20		
Oct. 6	SH	i	04 51 41		
	M	e	38		
Oct. 6	M	e	07 39 49		
Oct. 6	MH	iP	11 05 36		USCGS: North Atlantic Ocean.
	SH	eP	29		0 = 10 55 38
	M	eP	27		
Oct. 6	B	eP	11 15 54	d	USCGS: 36°S 70°W h about 150 Km.
		ipP	16 36		0 = 11 03 16 Mendoza Province,
		esP	55		Argentina. Felt at Constitucion,
	BG	eSN	26 24		Santiago and Talca, Chile.
		iNE	29		Pas: M = 6-1/2
		eE	27 15		
		iNE	45		
	MH	eP	15 50	d	
		ipP	16 32		
		i	18 22		
	SH	eP	16 03		
		epP	45		
	F	eP	15 44		
		epP	16 25		
	M	eP	01		
		epP	43		
Oct. 6	MH	iP	18 01 29		USCGS: 19°S 167°E 0 = 17 48 39
	SH	eP	33		New Hebrides Islands.
	F	eP	34		
	M	iP	35		
Oct. 7	MH	i	04 11 14		USCGS: 30-1/2°N 41°W 0 = 04 00 37
		i	23		North Atlantic Ocean.
	SH	e	12		
	M	i	14		
Oct. 7	MH	eP	07 32 16		USCGS: 19°S 173-1/2°W 0 = 07 20 36
	SH	eP	24		Tonga Islands.
		e	48		
	F	eP	20		
	M	eP	25		
Oct. 7	MH	iP	15 01 09		USCGS: Central Peru. 0 = 14 50 42
		i	21		h about 100 Km.
	SH	eP	22		
Oct. 8	M	e	06 52 17		
Oct. 8	MH	iP	09 34 27		
	SH	eP	34		
	M	eP	35		
Oct. 8	M	e	18 43 42		
		e	44 36		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 8	MH	eP	21 17 44		USCGS: Fiji Islands. 0 = 21 05 32
	SH	eP	52		
		e	18 28		
	F	eP	17 48		
Oct. 9	MH	iP	01 22 48		
	SH	iP	41		
		i	54		
	F	eP	56		
	M	iP	45		
Oct. 9	B	e	17 53 45		USCGS: 5°S 153°E 0 = 17 40 09
	MH	e	51		New Britain. Felt at Kokopo
	SH	e(P)	07		and Rabaul.
		e	56 37		
	F	e(P)	53 15		
	M	i	53		
Oct. 9	B	eP	23 21 51		USCGS: 50-1/2°N 176°E 0 = 23 13 32
		e	22 01		Near Islands, Aleutian Islands.
		e	45		
		e(PcP)	23 11		
		e(PP)	38		
	MH	iP	21 55		
		i	25		
		i(PP)	23 39		
	SH	iP	21 37		
		e	47		
		e(PP)	23 14		
		eSE	28 00		
	F	eP	22 08		
	M	iP	21 42		
	R	eP	54		
Oct. 10	MH	iP	08 47 21		
		i	28		
	F	eP	47		
	M	eP	46 57		
	C	iP	27		
		i	47 03		
Oct. 10	B	eP	09 10 48		USCGS: 5°S 153°E 0 = 08 57 44
		e	13 40		New Britain. Felt at Kokopo and
		ePP	14 24		Rabaul.
	BG	iSNE	21 28		Pas: M = 7-1/4
		eE	23 00		
		eSSN	27.7		
	B	eRNEZ	38.5		
	MH	eP	10 43		
		i	11 05		
		e	12 34		
	SH	eP	10 47		
		ePP	14 19		
		eSNE	21 25		
	F	eP	10 52		
	M	eP	49		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 10		i	09 11 02		
(contd)	R	eP	10 54		
	A	eLE	38.6		
	C	eL	37.9		
Oct. 10	B	e	09 20 50		
	MH	e	48		
	SH	i	32		
		e	41		
	M	i	46		
Oct. 10	SH	e	16 04 08		
	M	i	03 51		
	R	i	04 36		
Oct. 10	MH	eP	16 08 19		
	SH	iP	00		
	F	eP	28		
Oct. 10	MH	eP	21 03 08		USCGS: 17-1/2°S 174°W h about 60 Km.
	SH	e	30		0 = 20 51 42 Tonga Islands.
	F	eP	15		
	R	e	35		
Oct. 10	B	eP	23 14 55		USCGS: 39°N 140-1/2°E h about 100 Km.
		i	58		0 = 23 03 41 Northern Honshu,
	MH	iP	58		Japan.
		i	15 19		
	SH	eP	14 47		
	F	eP	15 09		
	M	iP	14 52		
		i	15 23		
	R	eP	01		
Oct. 11	B	e	02 08 26		
	MH	iP	20		
		i	25		
	SH	e	28		
	M	e	23		
Oct. 11	MH	e	02 30 02		
	SH	e	11		
	M	e	11		
		e	31 34		
	R	e	30 41		
Oct. 11	SH	e	04 30 36		USCGS: Indian Ocean, 700 miles east
	M	eP'	12		of Mascarene Islands.
		e	39		0 = 04 10 00
Oct. 11	MH	i	05 03 43		
	M	e	52		
Oct. 11	MH	i	05 19 48		
Oct. 11	MH	e	16 35 15		
		e	36 04		
	SH	e	11		
	F	e	06		
Oct. 11	SH	i	20 35 24		
Oct. 13	MH	e	01 12 46		
	SH	e	13 08		
	F	e	12 55		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 13	B	iP	09 39 28.0	Ec	USCGS: 9-1/2°S 161°E 0 = 09 26 44
		ePP	42 45		Solomon Islands.
	BG	iSN	49 48		Pas: M = 7
		iN	50 15		
		eN	51 10		
		eSSN	55 28		
		eGN	10 02.9		
		eREZ	06.0		
	MH	iP	09 39 29	c	
		i	41		
		iPP	42 48		
		e	50 03		
	SH	iP	39 31	c	
		ePP	42 52		
		iSN	49 56		
	F	iP	39 35	c	
		eSE	50 01		
	M	iP	39 33	c	
		i	40 00		
		e	50 33		
	R	iPE	39 40	E	
	A	ePE	26	E	
	C	iP	33		
Oct. 13	B	eP	12 10 46		USCGS: Samoa Islands region.
	MH	iP	47		0 = 11 59 22
	SH	iP	51		
	F	eP	52		
	M	eP	56		
	R	eP	11 02		
Oct. 13	B	eP	16 32 45		USCGS: 36°S 177-1/2°E h about 200 Km.
	MH	eP	45		0 = 16 19 51 Off coast of North
		i	52		Island, New Zealand.
	SH	eP	53		
		i	33 00		
	F	eP	32 51		
Oct. 13	MH	eP	18 03 49		USCGS: 24°N 121°E 0 = 17 50 16
	SH	iP	39		Formosa. Felt at Taipeh.
	M	eP	44		
	R	eP	51		
Oct. 13	B	e	21 58 55		USCGS: 12°N 87°W 0 = 21 50 59
		ePcP	22 00 43		Near coast of Nicaragua.
	MH	eP	21 58 41		
		iPcP	22 00 44		
	SH	eP	21 58 56		
		iPcP	22 00 49		
		iPP	59		
	F	eP	21 58 25		
	M	eP	51		
	R	eP	40		
Oct. 14	SH	i	00 35 11		
Oct. 14	B	eP	01 07 25		USCGS: 16-1/2°S 172°W 0 = 00 55 55

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 14 (contd)	MH	eP	01 07 23		Tonga Islands.
	SH	eP	32		
	F	eP	28		
	M	eP	35		
	R	eP	40		
Oct. 14	B	iP	08 51 16		USCGS: 3°S 103-1/2°W 0 = 08 43 00
	BG	eSN	57 57		Pacific Ocean, West of Galapagos
		eQN	09 01.5		Islands.
		eN	03.3		Pas: M = 6 - 6-1/4
		eR	04.3		
	MH	eP	08 51 08		
	SH	eP	32		
	F	eP	01		
	M	eP	30		
	R	eP	19		
Oct. 14	MH	iP	10 06 08		USCGS: 17-1/2°S 179°W h about 600 Km.
	SH	eP	18		0 = 09 55 11 Fiji Islands.
	M	eP	16		
Oct. 14	MH	e	10 16 31		
	SH	e	55		
	M	e	57		
	R	e	57		
Oct. 14	MH	eP	14 55 50		USCGS: 24-1/2°S 176-1/2°W 0 = 14 43 41
	F	e	56 02		Tonga Islands region.
	M	e	17		
Oct. 15	MH	eP	04 40 42		USCGS: 6°N 77-1/2°W 0 = 04 31 15
	M	eP	30		Near coast of Columbia.
	R	eP	21		
Oct. 16	MH	eP'	05 01 33		USCGS: Farquhar Islands, 300 miles
	F	eP'	34		North of Madagascar.
	M	eP'	35		0 = 04 41 23
	R	eP'	27		
Oct. 16	MH	iP	06 40 06		
Oct. 17	MH	e(P)	01 21 06		USCGS: 6°S 154°E 0 = 01 08 07
					Solomon Islands.
Oct. 17	MH	iP	04 02 41		
		e	50		
	SH	eP	03 05		
	M	e	14		
Oct. 17	MH	e(P)	05 31 08		
	SH	e(P)	30 47		
	M	e(P)	50		
Oct. 17	MH	e(P)	05 48 58		
	SH	e(P)	36		
	F	e(P)	49 07		
	M	e(P)	48 41		
Oct. 17	SH	e	17 31 56		
Oct. 17	MH	e	23 26 36		
	SH	e	25 46		
Oct. 18	MH	i	00 11 50		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 19	MH	eP	01 56 57		USCGS: 40°N 139-1/2°E 0 = 01 45 26
	SH	iP	43		Northern Honshu, Japan.
	F	eP	57 08		Moderate damage.
Oct. 19	B	eP	10 04 39		USCGS: 49-1/2°N 155°E 0 = 09 54 43
	BG	eSE	12 35		Northern Kurile Islands.
		iN	13 43		Pas: Magnitude 6-1/2
		iScSN	14 24		
	MH	eP	04 44		
	SH	iP	25		
		i	38		
		eSNE	12 14		
		eNE	38		
	F	eP	04 54		
	M	iP	30		
		i	39		
	R	eP	42		
Oct. 19	MH	iP	11 45 48		
	SH	iP	56		
	M	eP	57		
Oct. 19	MH	i	18 15 15		
Oct. 19	MH	e	18 38 00		
Oct. 19	SH	eP	20 46 09		USCGS: Northern Kurile Islands
	M	eP	14		aftershock. 0 = 20 36 30
Oct. 20	SH	eP	00 13 15		
	F	eP	14 02		
	M	eP	13 14		
Oct. 20	MH	iP"	01 52 07		USCGS: South Atlantic Ocean, about
	SH	eP"	10		300 miles North of South Georgia
					Island. 0 = 01 33 30.
Oct. 20	B	e	07 37 42		USCGS: 52-1/2°N 159°E 0 = 07 27 58
	MH	eP	35		Near East coast of Kamchatka.
		i	48		
	SH	eP	15		
		i	28		
	M	eP	22		
		e	33		
	R	eP	31		
Oct. 20	SH	e	12 13 52		
		e	14 50		
	F	e	13 52		
	M	e	55		
		e	14 54		
	R	e	13 53		
Oct. 20	MH	e	13 11 44		
	SH	e	23		
	M	e	28		
Oct. 20	MH	e	13 22 24		
	SH	e	10		
		i	21		
	F	e	32		
	M	e	14		
		e	24		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 20 (contd)	R	e	34		
Oct. 20	MH	e	15 12 33		
		e	13 00		
	SH	e	12		
		e	23		
	M	e	30		
Oct. 21	B	eP"	04 51 08		USCGS: 4°N 95°E 0 = 04 32 03
	MH	iP"	09		Near coast of Sumatra.
	SH	eP"	02		
	F	eP"	12		
	M	eP"	04		
	R	eP"	07		
Oct. 21	MH	eP	14 00 34		
	SH	eP	42		
	F	eP	37		
	M	eP	43		
Oct. 21	B	iP	19 13 45.0	d	USCGS: 21°S 179°W h about 650 Km.
		epP	15 57		0 = 19 02 40. Fiji Islands.
		esP	16 55		Pas: M = 6-1/4
	BG	e	17 48		
		iSNE	22 59		
		iN	23 18		
		e	24 03		
	B	iP'P'	40 37		
		eSKPP'	43 07		
	MH	iP	13 45.6	d	
		i	14 17.3		
		ipP	15 59.0		
		isP	16 57.2		
		eP'P'	40 26		
		eSKPP'	43 06		
	SH	iP	13 53.0	d	
		e	15 58		
		epP	16 07		
		eP'P'	40 27		
		eSKPP'	43 01		
	F	iP	13 49.8	d	
		epP	16 03		
		isP	17 03		
		eSE	23 06		
		eP'P'	40 33		
		eSKPP'	42 57		
	M	iP	13 53.7	d	
		epP	16 07		
		eS	23 15		
	R	iP	14 07.4	d	
		i	12.9		
		ipP	16 22		
		eP'P'	40 27		
	C	iP	14 02		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 21		ipP	16 17		
(contd)		iS	23 21		
Oct. 21	MH	eP	21 39 35		
	SH	eP	46		
	F	eP	40		
	M	eP	45		
Oct. 21	B	e	23 27 48		USCGS: 1/2°S 123-1/2°E 0 = 23 09 38
		e(PP)	28 16		Northern Celebes.
	BG	e(PS)E	38.1		
		eE	44.3		
	MH	eP	24 17		
		e	27 43		
	SH	eP	24 14		
		e	27 29		
		e(PP)	28 14		
		eE	43		
	F	e	24 48		
		e	28 33		
	M	e(PP)	16		
	R	e(PP)	21		
		e	57		
Oct. 22	M	iP	01 23 48		USCGS: 67°N 136°W 0 = 01 18 00
					Yukon, Canada.
Oct. 22	MH	eP	07 25 29		
	SH	e	36		
	M	e	38		
Oct. 22	MH	iP	07 53 11		
	SH	eP	00		
	M	eP	03		
Oct. 22	SH	eP	10 19 33		USCGS: 46°N 156°E 0 = 10 09 20
	M	eP	37		Kurile Islands.
Oct. 22	SH	e	09 27 27		
	M	e	32		
Oct. 22	B	e	20 25 48		
	MH	e	42		
	SH	e	34		
	M	e	31		
Oct. 22	SH	e(P)	22 20 14		USCGS: 6°S 149°E 0 = 22 06 56
	F	e(P)	24		New Britain.
Oct. 22	B	eP	22 44 09		USCGS: 15°S 176°W h about 300 Km.
	MH	iP	10		0 = 22 33 10 Fiji Islands region.
		epP	45 21		
	SH	eP	44 18		
		ipP	45 30		
	F	eP	44 15		
		epP	45 26		
	M	eP	44 20		
	R	e	36		
Oct. 23	M	eP	03 36 33		
		e	40		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 23	SH	eP	06 06 19		
		e	33		
	M	eP	24		
Oct. 23	B	eP	17 16 50		USCGS: 11-1/2°S 163°E 0 = 17 04 09
	MH	iP	52		Solomon Islands.
		i	17 14		
	SH	iP	16 54		
		e	17 27		
	F	eP	16 58		
	R	eP	17 02		
Oct. 24	B	iP!NEZ	04 10 47.9	c	38°00'N 121°57'W 0 = 04 10 43
	MH	iP!	56.9	c	East of Concord, Contra Costa
	PA	iP!	54.9		County, California. Moderate
	SF	iP!N	50.4		damage in Walnut Creek and
	M	iP	11 19.8	d	Oakland. Pas: M = 5.4±
		i	21.3		
		iE	33.6		
		iE	55.2		
	F	iP	17.8		
		iSE	41.6		
		iN	44.1		
	SH	iP	24.4	c	
		i	27.7		
	R	iP	21.5	c	
	A	ePE	34.7		
		eE	42.7		
		eE	12 06.9		
	Fe	eE	00		
	C	eP	25		
		e	14 08		
Oct. 24	SH	e(P)	04 57 18		
	M	e(P)	26		
Oct. 24	B	iP	05 16 21		USCGS: Kermadec Islands.
	MH	iP	20		0 = 05 03 34
	SH	eP	28		
	F	eP	24		
	M	eP	29		
	R	eP	32		
Oct. 25	B	eP	16 40 50		USCGS: 16-1/2°N 95-1/2°W 0 = 16 34 23
	BG	eSN	46 08		Oaxaca, Mexico.
		eN	48 48		
	MH	eP	40 44		
		e	51 01		
	SH	eP	41 04		
	F	eP	40 30		
	M	eP	41 01		
	R	iP	40 47		
	A	eE	56.4		
	C	e	54 52		
		e	58 35		
Oct. 25	B	e	17 53 46		Pas: 33.0°N 115.5°W 0 = 17 49 42
	MH	e(P)	51 20		M = 4.3

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 25		i	53 16		
(contd)	SH	e	54 06		
	F	e	51 20		
		eN	52 26		
	R	i	54 46		
Oct. 26	MH	eP	11 25 58		USCGS: 24-1/2°N 122-1/2°E 0 = 11 12 39
	SH	eP	44		Near East coast of Formosa.
		e	26 09		
		e	28 10		
	M	eP	25 49		
Oct. 27	B	iP	00 11 56		USCGS: 52°N 179-1/2°W h about 100 Km.
		ipP	12 18		0 = 00 04 10 Andreanof Islands.
	MH	iP	01		Aleutian Islands.
		ipP	23		
	SH	iP	11 42		
		ipP	12 04		
	F	eP	13		
		epP	36		
	M	iP	11 47		
		i	12 05		
	R	iP	11 59		
Oct. 27	MH	eP	00 17 30		
	SH	eP	20		
	M	iP	23		
	R	eP	30		
		e	18 06		
Oct. 27	MH	iP	01 47 52		USCGS: 17°S 179°W h about 600 Km.
		i	48 02		0 = 01 36 58 Fiji Islands.
	SH	iP	00		
	F	eP	47 58		
	M	eP	48 02		
	R	eP	05		
Oct. 27	B	eP	11 18 58		USCGS: 10-1/2°S 166°E 0 = 11 06 32
	MH	iP	59		Santa Cruz Islands.
		i	19 21		
	SH	eP	02		
	F	eP	06		
	M	eP	05		
	R	eP	11		
Oct. 27	M	eP	11 47 02		
Oct. 27	MH	i	21 46 15		
Oct. 28	M	eP	00 58 11		
Oct. 28	M	eP	09 21 54		USCGS: 58-1/2°N 138°W 0 = 09 17 12
		i	59		Near coast of Southeastern Alaska.
					Felt at Sitka.
Oct. 28	MH	eP	12 12 01		USCGS: 20°S 178°W h about 600 Km.
	SH	eP	19		0 = 12 01 06 Fiji Islands.
	M	eP	21		
Oct. 29	SH	eP	03 23 40		USCGS: Off East coast of Kamchatka.
	M	eP	45		0 = 03 14 40
	R	eP	58		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Oct. 29	MH	eP	21 05 28		USCGS: 54-1/2°N 161-1/2°E
	SH	eP	08		0 = 20 56 07 Near East Coast
	M	eP	13		of Kamchatka.
Oct. 30	B	iP	02 14 23		USCGS: 29-1/2°S 178-1/2°W 0 = 02 01 39
	MH	iP	22		Kermadec Islands.
		i	34		
	SH	eP	31		
	F	eP	25		
	M	iP	32		
	R	iP	35		
Oct. 30	MH	iP	18 00 19		
	SH	eP	11		
Oct. 30	B	iP	19 31 51		USCGS: 19°S 180° h about 650 Km.
	MH	iP	52		0 = 19 20 50 Fiji Islands.
	SH	eP	59		
		e	32 19		
		epP	34 11		
	F	iP	31 56		
		epP	34 08		
	M	eP	32 00		
		e	14		
	R	iP	05		
Oct. 31	B	e	01 13 41		USCGS: 52°N 175-1/2°W 0 = 01 05 53
	BG	eSN	19 26		Andreanof Islands, Aleutian Islands.
		eQN	22.5		Pas: M = 5-3/4 - 6
		eR	24.8		
	MH	eP	13 26		
		i	37		
		i	56		
	SH	eP	10		
		i	15 43		
	F	eP	13 50		
	M	eP	16		
		e	25		
	R	e	50		
Oct. 31	MH	eP	08 36 30		USCGS: Tonga Islands region.
	SH	eP	33		h about 650 Km 0 = 08 25 05
		e	43 16		
	F	eP	36 30		
	M	eP	33		
	R	eP	39		
Nov. 1	MH	eP	15 27 07		USCGS: Loyalty Islands.
	SH	eP	21		0 = 15 14 18
		e	42		
	F	eP	11		
Nov. 2	MH	e	07 30 32		
Nov. 2	MH	iP	05 04 55		USCGS: Kermadec Islands.
	SH	eP	05 03		0 = 04 52 11
	F	eP	04 57		
	R	eP	05 07		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 2	B	eP	06 16 12.5		39°30'N 118°03'W 0 = 06 15 17
	MH	iP	12.9		Clan Alpine Mtns., Nevada.
	SH	iP	13.2		M = 4.6
	M	eP	03.7		
	R	iP	15 41.7		
		eS	16 01.1		
	F	e	12.6		
	PA	e	21.8		
Nov. 2	SH	eP	07 22 39		
Nov. 2	C	iP	15 59 01		
Nov. 2	C	iP	17 29 35		
		i	39		
Nov. 2	B	iP	19 40 42.0		36°00'N 120°55'W 0 = 19 40 06
		eN	47.9		Upper Salinas Valley, California.
		iN	52.0		Felt along coast of Central
		e(S)N	41 13.9		California from Monterey to San
		iN	24.2		Luis Obispo.
	MH	iPNEZ	40 33.3		M = 5.2
		iNE	36.5		
		iE	41 01.8		
	PA	iP	40 36.4		
		i(S)E	41 02.3		
	SF	ePE	40 41.2		
		eE	41 14.6		
	F	iP	40 28.8		
	M	ePN	41 16.9		
		iE	42 06.9		
	R	eP	41 06		
	A	ePE	35		
	SH	eP	20.7		
Nov. 3	MH	e	04 45 33		USCGS: Bolivia-Chile border.
Nov. 3	B	eP	12 51 51		h about 100 Km. 0 = 12 39 56
		epP	52 19		
	MH	iP	51 47		
		ipP	52 15		
	SH	iP	51 59		
		ipP	52 28		
		e	41		
	F	eP	51 36		
	R	eP	48		
Nov. 3	MH	i	16 22 27		
Nov. 4	MH	iP	02 27 57		
	SH	eP	35		
Nov. 4	MH	eP	13 23 19		
	SH	eP	02		
Nov. 4	B	eP	22 56 35	d	USCGS: 33-1/2°S 69-1/2°W h about
		epP	57 06		100 Km. 0 = 22 43 50 Mendoza
		esP	57 15		Province, Argentina. Minor damage
		ePP	23 00 03		at Talca, Chile.
	BG	eSNE	06 57		Pas: M = 6.7
		eN	07 54		
		iN	08 56		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 4		eN	25.6		
(contd)	MH	eP	22 56 32		
		ipP	57 06		
		iPP	59 57		
	SH	iP	56 45		
		epP	57 11		
		isP	25		
	F	eP	56 24		
		epP	52		
	R	eP	35		
		eS	23 07 05		
Nov. 5	B	iP	04 06 09		USCGS: 19-1/2°S 169°E h - 150
		epP	39		0 = 03 53 38 New Hebrides Islands.
	MH	iP	10		
		i	14		
	SH	iP	15		
		epP	45		
	F	eP	14		
	R	eP	20		
Nov. 5	B	eP	07 23 30		USCGS: 24-1/2°N 109°W 0 = 07 19 23
		i	46		Southern Gulf of California.
	MH	eP	21		
		i	29		
	SH	eP	54		
	F	eP	02		
	R	eP	33		
Nov. 5	B	e	08 14 05		USCGS: 24-1/2°N 109°W 0 = 08 09 51
	MH	eP	13 51		Gulf of California aftershock.
	SH	eP	14 27		
	F	e	13 38		
	R	e	14 05		
Nov. 5	MH	eP	08 52 08		USCGS: Southwestern Bolivia.
		e	53 04		0 = 08 40 17
	SH	eP	52 19		
		ePP	55 28		
Nov. 5	SH	e	14 19 03		
Nov. 5	SH	e	19 34 29		
	MH	e	34		
Nov. 6	MH	e(P)	07 39 48		
	SH	i(P)	42		
	M	e(P)	45		
Nov. 6	MH	eP	22 19 49		USCGS: 25-1/2°S 177-1/2°W h = 100
		e	20 18		0 = 22 07 33 Kermadec Islands
	SH	eP	19 57		region.
		e	20 27		
Nov. 6	SH	e	24 06 56		USCGS: 7°N 71°W h = 100
	M	e(P)	41		0 = 23 57 10 Colombia-Venezuela
	R	e(P)	31		border.
Nov. 7	MH	iP	07 44 53		USCGS: 17°S 179-1/2°E h = 600
	SH	iP	45 00		0 = 07 33 52 Fiji Islands.
	F	eP	44 57		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 7	M	iP	45 01		
	R		05		
Nov. 8	MH	e	01 49 29		
	SH	e	01		
Nov. 8	MH	i	05 34 23		
	M	e	20		
Nov. 8	MH	i	09 18 58		
	M	e	19 07		
Nov. 8	MH	eP	15 50 38		
	SH	eP	18		
Nov. 8	MH	e	04 16 42		
	SH	e	21		
	M	e	26		
Nov. 9	MH	eP	15 46 09		
	SH	eP	45 49		
Nov. 10	BG	iPNEZ	01 55 22	SWd	USCGS: 15°S 174°W h = 100
	B	ePP	58 04		0 = 01 44 04 Samoa Islands.
	BG	iSNE	02 04 37	NW	Pas: M = 7 - 7-1/4
		iE	05 24		
		eN	09.2		
		eQN	13.8		
			A T		
		PZ	17 6		
		PH	3 5		
		SH	6-1/2 8		
		Max H	18 18		
		Max Z	8 17		
	MH	iP	01 55 27		
		e	57 53		
	SH	eP	55 29		
		e	58 19		
		eSNE	02 04 55		
	F	eP	01 55 26		
		eSNE	02 04 48		
	M	eP	01 55 32		
	R	iPE	38		
		iSE	02 05 08		
	C	iP	01 55 42		
		iS	02 05 15		
Nov. 10	B	eP	05 23 00		USCGS: 28-1/2°S 178-1/2°W
	MH	iP	00		0 = 05 10 20 Kermadec Islands
		i	03		region.
	SH	iP	08		
	F	eP	04		
	M	eP	08		
	R	eP	12		
Nov. 10	B	eP	05 44 19		
	MH	iP	18		
	SH	iP	22		
	M	eP	22		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 10	B	eP	09 04 13		USCGS: 24°S 67°W h = 200
	MH	iP	10		0 = 08 52 04 Salta Province,
	SH	iP	21		Argentina. Felt: Antofagasta,
	F	eP	01		Chile.
	M	eP	19		
		i	30		
	R	eP	13		
Nov. 10	MH	e	22 02 33		
	SH	e	01		
Nov. 11	M	e	10 17 30		
		e	42		
Nov. 11	SH	eP	10 49 31		USCGS: Tonga Islands region
	F	eP	22		0 = 10 37 03
	M	eP	30		
	R	eP	31		
Nov. 12	M	e	03 19 41		
Nov. 12	MH	i(P)	10 20 44		USCGS: 5°S 152-1/2°E h = 60
		i	21 13		0 = 10 07 47 New Britain.
	SH	e(P)	20 37		
	M	e(P)	45		
	R	e	21 06		
Nov. 12	SH	e(P)	11 26 01		USCGS: 10°N 126°E 0 = 11 12 15
					Near North coast of Mindanao,
					Philippine Islands.
Nov. 12	B	iP	12 31 05.4	c	USCGS: 22-1/2°S 179°E h = 600
	MH	iP	06.1	c	0 = 12 19 44 South of Fiji
	SH	iP	13.7	c	Islands.
	F	iP	09.7	c	
	M	eP	14.4	c	
	R	eP	17.9	c	
Nov. 12	MH	i	15 58 41		USCGS: 17-1/2°S 167-1/2°E
	SH	e(P)	22		0 = 15 45 34 New Hebrides Islands
	F	e	27		region.
	M	e(P)	23		
	R	e	38		
Nov. 12	MH	e	23 00 12		
	SH	e	22 59 47		
	M	e	52		
Nov. 13	M	e	05 34 42		
Nov. 13	M	e	07 55 46		USCGS: Southern Gulf of California.
					0 = 07 51 10
Nov. 13	SH	e	22 55 29		USCGS: Fiji Islands region.
	F	e	24		0 = 22 43 40
	M	e	00		
Nov. 14	B	iP	01 28 03.6	d	USCGS: 17-1/2°N 146°E h = 100
		epP	34		0 = 01 15 56 Marianas Islands.
	MH	iP	07.2	d	
		ipP	38		
	SH	iP	27 59.0	d	
		ipP	28 29		
	F	iP	14.6	d	

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 14		epP	45		
(contd)	R	eP	11		
Nov. 14	B	iP	03 21 21.2	(c)	USCGS: 14°S 167°E h = 200
		ipP	22 11.7	c	0 = 03 09 10 New Hebrides
	MH	iP	21 22.5	c	Islands.
		ipP	22 13.3	c	
	SH	iP	21 26.0	c	
		ipP	22 16.3	c	
	F	eP	21 28	c	
		ipP	22 18.4	c	
	M	eP	21 27	c	
		ipP	22 18.3	c	
	R	eP	21 33		
		epP	22 23		
Nov. 14	B	iP	13 35 13.2	d	USCGS: 17-1/2°N 145-1/2°E h = 150
		epP	52		0 = 13 23 09 Marianas Islands.
		i	36 04		
	MH	iP	35 16.2	d	
	SH	iP	08.6	d	
		ipP	47		
		i	36 00		
	F	e(P)	35 24		
		e(pP)	58		
	M	iP	11.6	d	
		ipP	49.5		
	R	iP	20	d	
		epP	57		
Nov. 15	B	eP	10 12 45		USCGS: 55-1/2°N 155°W 0 = 10 06 49
		e	14 50		Off South coast of Alaska Peninsula.
		ePcP	15 56		
	BG	eSE	17 40		Pas: M = 6-1/4 - 6-1/2
		eQN	18.9		
			A T		
		PZ	2 3-1/2		
		SH	3-1/2 10		
		Max H	25 12		
	MH	eP	10 12 51		
		ePcP	15 56		
	SH	eP	12 26		
		i	13 07		
		eSN	17 10		
		eE	19.6		
	F	eP	13 04		
		e	14 09		
	M	eP	12 32		
		ePcP	15 51		
	R	eP	12 44		
	C	iP	11 58		
		i(S)	16 16		
Nov. 15	SH	e	18 11 49		
	F	e	12 23		
	M	e	11 56		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 15	MH	i	22 26 32		USCGS: 43-1/2°N 87°E 0 = 22 10 53
	SH	e(P)	24 05		Sinkiang Province, China.
		e	26 21		
		e	27 14		
Nov. 16	SH	e	01 58 02		
Nov. 16	MH	e	05 26 45		
	SH	e	23 50		
		e	26 50		
	M	e	23 55		
		e	26 52		
Nov. 16	MH	e	06 23 21		
	SH	i	21		
	M	e	22		
Nov. 16	MH	eP	08 10 24		
	SH	eP	09 39		
	F	eP	10 39		
	M	eP	09 47		
	R	eP	10 08		
Nov. 16	B	eP'	09 24 53		USCGS: Sandwich Islands 0 = 09 05 54
		e	25 17		
	MH	iP'	24 52		
		i	25 19		
		i	31		
	SH	iP'	24 57		
	F	e	25 09		
	M	eP'	24 56		
		e	25 32		
	R	e	35		
Nov. 16	SH	i	14 25 19		
Nov. 16	M	e(P)	14 47 29		
Nov. 16	M	e	20 00 15		
Nov. 17	BG	eP	07 05 40		USCGS: 26-1/2°S 69°W h = 60
		eSN	15 45		0 = 06 53 27 Northern Chile.
		e	19.7		Felt: Copiapo. Pas: M = 6-3/4
		eE	21.0		
			A T		
		PZ	1-1/2 5		
		SH	7 12		
	MH	iP	07 05 37		
	SH	iP	49		
		i	06 00		
	F	eP	05 27		
		i	39		
	M	eP	46		
		i	59		
		ePP	08 54		
Nov. 18	MH	e(P)	03 37 29		USCGS: Off coast of Peru. 0 = 03 26 53
Nov. 18	B	eP	07 16 35		USCGS: 15°S 173°W 0 = 07 05 26
		epP	54		Samoa Islands region. Felt: Apia.
	MH	iP	35		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 18		epP	56		
(contd)	SH	eP	44		
	F	eP	40		
	M	eP	45		
		ipP	17 06		
	R	eP	16 49		
Nov. 18	MH	iP	07 34 33		
		e	35 06		
Nov. 18	MH	i	08 53 49		
	M	e	11		
Nov. 18	MH	eP	17 28 17		
	SH	eP	39		
	M	eP	35		
Nov. 18	SH	eP	22 08 10		USCGS: 21°S 173°W 0 = 21 56 10
		i	21		Tonga Islands.
	F	eP	04		
		e	15		
Nov. 19	MH	i	05 50 48		USCGS: 14°S 179°W 0 = 05 39 08
	SH	e	55		Fiji Islands region.
	F	e	56		
	M	e	57		
	R	e	51 01		
Nov. 19	MH	e	07 17 29		
Nov. 19	B	iP	08 38 12.6	c	USCGS: 17-1/2°S 168°E 0 = 08 25 32
	MH	eP	14.1	c	New Hebrides Islands.
	SH	iP	18.4	c	
	F	iP	18.7	c	
	M	iP	19.6	c	
	R	iP	25.3	c	
Nov. 19	B	eP	23 15 44		USCGS: Solomon Islands. 0 = 23 03 01
	MH	iP	46		
	SH	eP	47		
	M	eP	49		
Nov. 20	MH	e(P)	06 02 07		
	SH	e(P)	01 48		
	M	e(P)	52		
Nov. 20	MH	e(P)	10 59 39		Pas: 37.1°N 113.9°W 0 = 10 57.9
		i	54		M = 4.3 Southwestern Utah.
		i	11 01 07		USCGS: IV at Boulder City, Nevada.
	R	e	00 00		
Nov. 20	SH	eP	15 20 54		
	M	eP	58		
Nov. 21	SH	e(P)	16 14 18		
	M	i(P)	25		
Nov. 21	SH	iP	17 46 41		
		e	47 07		
		e	17		
Nov. 21	B	iP	20 26 30.9	c	39°25'N 118°05'W 0 = 20 25 33
		iNE	27 27		M = 5.5 Central Nevada.
	MH	eP	26 27.8	c	
		iN	27 11.7		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 21	R	iPNEZ	25 57.1	NWc	
(contd)		iSN	26 15.9		
	M	iP	19.2	c	
	SH	iP	28.7	c	
	F	eP	22.8	c	
	A	ePE	48		
		eN	27 53		
Nov. 21	B	e	20 41 41		Aftershock of preceding. M = 4.4
	MH	eP	30.1		
	R	iP	40 59.2	c	
	M	eP	41 20.8		
	SH	eP	30.2		
	F	eP	30.5		
Nov. 21	B	iP	20 56 25.7		Pas: 35°24'N 118°44'W 0 = 20 55 27.4
	MH	iP	14.7		M = 4.3 Kern County, California.
	F	iP	55 55.6		
		eSN	56 16.3		
	SH	e	57 07.3		
	M	iP	56 53.0		
	R	e(P)	46		
Nov. 21			21		USCGS: 38°S 178°E 0 = 21 04 00
					Near East coast of North Island, New Zealand. Felt. Arrivals of this shock at all stations of the Berkeley network were masked by a shock in Central Nevada at 0 = 21 15 30.
Nov. 22	B	eP	03 34 27	d	USCGS: 24-1/2°S 123°W 0 = 03 24 00
		e(PcP)	35 07		Eastern Tuamotu Archipelago.
	BG	eSN	43 00		Pas: M = 6-3/4 - 7
		iQE	50.0		
			A T		
		PZ	3 5		
		SH	35 20		
		Max H	36 20		
	MH	eP	03 34 23	d	
		e	35 01		
	SH	eP	34 45		
	F	eP	19	d	
		e	50		
	M	eP	43	d	
		i	35 18		
	R	eP	34 40	d	
Nov. 22	MH	iP	07 35 26		
	SH	eP	05		
		e	17		
	M	eP	11		
Nov. 22	SH	e(P)	17 18 32		USCGS: New Britain. 0 = 17 05 22
Nov. 22	SH	i(P)	17 42 02		
	M	e(P)	08		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 23	MH	eP	00 14 01		USCGS: Southern Columbia. 0 = 00 04 40 Felt.
		i	16		
	M	iP	26		
Nov. 23	MH	iP	03 21 36		USCGS: 14°N 90W h = 150 0 = 03 14 36 Near coast of Guatemala.
		e	46		
	SH	eP	53		
	F	eP	22		
	M	eP	50		
		i	22 00		
	R	eP	21 38		
Nov. 23	B	iPNEZ	06 39 09.0	SEC	USCGS: 50-1/2°N 157°E h = 60 0 = 06 29 29 Near South coast Kamchatka. Pas: M = 7.1
		i	16.7	d	
		ipP	26.3	d	
	BG	iSNEZ	46 42		
		eSSNE	51.0		
		eNE	53.3		
		eREZ	55.5		
			A T		
		PZ	1 3-1/2		
		PZ	7-1/2 6		
		PH	5 8		
		pPZ	14 8		
		pPH	7 9		
		SZ	20 10		
		SH	40 10		
		Max Z	100 30		
		Max H	170 30		
	MH	iP	06 39 13.9	c	
		ipP	30.0		
		i	40 38		
		e	45 10		
		eP'P'	07 09 05		
	SH	iP	06 38 55.4	c	
		i	39 02.1	d	
		ipP	12		
		eSNE	46 36		
	F	iP	39 24.3	c	
		ipP	40.1	d	
	M	iP	00.3	c	
		i	20.9	d	
		i	41 03		
		e(S)	46.7		
		e	07 04 37		
		eP'P'	09 02		
	R	iP	06 39 12.0	c	
Nov. 24	M	eP	05 04 55		USCGS: 19°N 120-1/2°E 0 = 04 51 20 Near North coast of Luzon. Philippine Islands. Felt at Calayan, Aparri and Laoag.
Nov. 24	M	eP	08 49 28		
Nov. 24	B	i(pP)	11 20 31		USCGS: 51°N 157°E 0 = 11 10 32

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 24 (contd)	MH	iP	21		Near South coast of Kamchatka.
		ipP	36		
		i	21 30		
	SH	eP	20 02		
		epP	17		
		e(PP)	22 17		
	F	eP	20 31		
		epP	46		
	M	eP	07		
		i	19		
		ipP	21		
	R	eP	19		
		epP	33		
Nov. 24	M	eP	12 15 02		
Nov. 24	MH	e	17 24 18		
	SH	e	23 51		
	M	i	47		
Nov. 25	MH	eP	08 44 26		USCGS: 43°N 143°E 0 = 08 33 13 Hokkaido, Japan. Felt: Hokkaido and Northern Honshu.
	SH	eP	08		
		e	20		
	M	eP	11		
Nov. 25	SH	eP	14 30 20		USCGS: Alaska Peninsula. 0 = 14 24 26
	M	eP	24		
Nov. 25	SH	iP	16 55 15		USCGS: Alaska Peninsula. 0 = 16 49 30
	M	iP	19		
Nov. 26	MH	eP	13 37 14		USCGS: Santa Cruz Islands. 0 = 13 24 47
	SH	eP	18		
	M	eP	20		
Nov. 26	B	e	17 37 57		Pas: 31.6°N 116.1°W 0 = 17 36.0
	MH	eP	43	(d)	Baja California. M = 5.4
		i	53		Felt at El Centro, Calexico.
		eN	39 09		Holtville, and San Diego, California.
	SH	e(P)	38 32		
		e	40 34		
	F	e(P)	37 30		
		eN	39 02		
	M	eP	38 24	d	
		i	40 43		
		eN	56		
Nov. 26	MH	iP	21 11 41		
	SH	e(P)	12 03		
	F	eP	11 36		
	M	e(P)	12 03		
Nov. 27	B	e	07 17 20		USCGS: 24-1/2°S 177-1/2°W h = 100 0 = 07 05 07 Tonga Islands region.
	MH	eP	15		
		i	37		
	SH	e	27		
	F	eP	17		
	M	eP	23		
	R	eP	29		
Nov. 27	M	eP	13 12 45		USCGS: 57-1/2°N 156-1/2°W 0 = 13 06 50 Alaska Peninsula.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Nov. 27	B	iP	17 28 41		USCGS: 19°N 145°E h = 600
	MH	iP	44		0 = 17 17 24 Marianas Islands.
	SH	iP	37		
		epP	30 43		
	F	eP	28 53		
	M	iP	39		
		epP	30 46		
	R	eP	28 47		
Nov. 27	B	eP	19 43 54		USCGS: 23°N 124-1/2°E 0 = 19 30 35
	MH	eP	58		Off East coast of Formosa.
	SH	iP	47		
		e	44 00		
	F	eP	05		
	M	iP	43 50		
	R	eP	58		
Nov. 28	SH	eP	01 39 28		USCGS: Near East coast of Kamchatka.
		e	40		0 = 01 30 26
	M	eP	33		
Nov. 28	MH	eP	04 32 10		USCGS: Andreanof Islands, Aleutian
	M	eP	31 54		Islands. 0 = 04 24 43
Nov. 28	MH	eP	10 22 02		
	SH	eP	21 41		
	M	eP	46		
Nov. 28	SH	e	17 26 42		
		e	27 41		
Nov. 28	MH	eP	18 33 14		USCGS: Samoa Islands 0 = 18 21 39
		i	36		
	SH	eP	21		
	F	eP	19		
	M	eP	25		
	R	eP	26		
Nov. 29	M	e(P)	09 43 15		USCGS: Solomon Islands 0 = 09 31 12
Nov. 29	SH	eP	19 31 38		USCGS: Central Kamchatka 0 = 19 22 33
	M	eP	43		
	R	eP	53		
Nov. 30	MH	iP	00 22 24		USCGS: 21°S 174-1/2°E 0 = 00 09 51
	F	eP	28		Fiji Islands region.
	M	eP	32		
	R	eP	36		
Nov. 30	MH	i	06 38 34		USCGS: Fiji Islands. 0 = 06 25 50
	F	eP	29		
		e	39 37		
	M	eP	38 33		
Nov. 30	M	eP	08 51 44		USCGS: Southern Yukon, Canada.
		i	52 00		0 = 08 46 50
Nov. 30	MH	iP	17 27 06		USCGS: 11°S 166°E 0 = 17 14 36
	SH	eP	09		Santa Cruz Islands.
Dec. 1	SH	eP	04 44 20		
	M	e	30		
Dec. 2	MH	i	04 57 51		
	F	e	58 12		
	M	eP	57 22		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Dec. 2	MH	e(P)	16 30 46		
	SH	e(P)	34		
Dec. 3	MH	eP	05 37 47		
	M	e	38 00		
Dec. 3	SH	eP	14 39 42		USCGS: 35-1/2°N 135°E 0 = 14 27 54
	M	eP	46		Southern Honshu, Japan.
Dec. 4	M	e	01 16 23		
Dec. 4	M	i	01 56 56		
Dec. 4	B	eP	02 14 35		USCGS: 35°S 179-1/2°W 0 = 02 01 28
	MH	eP	35		Kermadec Islands region.
		e	53		
	SH	eP	43		
	M	eP	44		
Dec. 5	MH	e(P)	03 50 56		
	SH	eP	36		
	M	eP	40		
Dec. 5	M	e	12 34 11		
Dec. 5	B	eP	14 38 45		USCGS: 23-1/2°S 67°W h = 150
	MH	eP	41		0 = 14 26 46 Jujuy Province,
		ipP	39 11		Argentina.
	SH	iP	38 54		
		ipP	39 25		
	M	eP	38 51		
	R	eP	43		
Dec. 5	SH	e	20 27 41		USCGS: 24°N 122-1/2°E 0 = 20 14 18
					Off East coast of Formosa.
Dec. 6	BG	e	04 42 55		USCGS: 20°S 70°W 0 = 04 31 00
		eSN	52 32		Northern Chile. Felt: Iquique.
	MH	iP	42 47		Pas: M = 6-3/4
		i	57		
	SH	eP	43 00		
	F	eP	42 35		
	M	eP	55		
		i	43 48		
	R	e	42 47		
Dec. 7	MH	i	02 07 06		
	SH	e	14		
	M	e	14		
Dec. 7	M	e(P)	05 54 49		USCGS: Central Yukon, Canada.
					0 = 05 49 40
Dec. 7	B	iP	14 37 50		USCGS: 15°S 173-1/2° W 0 = 14 26 26
	MH	eP	50		
	SH	iP	38 00		
	F	eP	37 55		
	M	iP	38 01		
Dec. 7	B	eP	15 15 17		USCGS: 26-1/2°N 142-1/2°E 0 = 15 03 11
	BG	iSNE	25 08		Bonin Islands.
		eE	30 21		Pas: M = 6-3/4 - 7
	MH	eP	15 18		
		i	28		
	SH	eP	10		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Dec. 7	F	eP	15 15 29		
(contd)	M	eP	13		
	R	eP	22		
Dec. 7	MH	iP	16 21 05		USCGS: Tonga Islands region.
	SH	eP	14		h = 200 0 16 09 45
	F	eP	10		
	M	iP	15		
Dec. 7	SH	iP	23 06 15		USCGS: 26°N 128-1/2°E 0 = 22 53 27
		e	45		
	M	eP	17		
Dec. 8	B	eP	17 48 07		USCGS: 4°S 152°E h = 500
	MH	eP	07		0 = 17 36 00 New Britain
		epP	49 51		region.
	SH	iP	48 07		
		epP	49 49		
	F	eP	48 14		
	M	iP	10		
	R	eP	16		
Dec. 9	MH	eP	09 10 45		USCGS: 31°S 176-1/2°W 0 = 08 58 06
	SH	eP	55		Kermadec Islands.
	F	eP	50		
		e	11 07		
	M	eP	10 58		
Dec. 9	MH	e	21 28 22		
	SH	e	04		
Dec. 10	M	i	03 32 07		
Dec. 10	MH	eP	20 33 45		USCGS: 64-1/2°N 154°E 0 = 20 24 14
	SH	eP	22		Northeastern Siberia.
	F	eP	55		
	M	eP	26		
	R	eP	38		
Dec. 11	B	iP	03 39 51		USCGS: Kermadec Islands. 0 = 03 27 08
		e	40 21		
	MH	eP	39 51		
		e	40 15		
	SH	iP	00		
	F	eP	39 54		
	M	eP	40 00		
	R	eP	03		
Dec. 11	MH	e	03 48 57		
		i	49 18		
	SH	e	48 48		
	M	e	51		
Dec. 11	MH	iP	07 31 56		USCGS: Central Kamchatka. 0 = 07 22 30
	SH	eP	34		
	F	eP	32 05		
	M	eP	31 38		
	R	eP	31 41		
Dec. 11	M	eP	08 44 19		USCGS: 40-1/2°N 143°E h = 60
					0 = 08 33 19 Near coast of
					Honshu, Japan.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Dec. 11	M	e	09 01 25		
Dec. 11	B	eP	11 24 43		USCGS: Kermadec Islands region.
	MH	iP	43		0 = 11 12 11
	SH	eP	51		
	F	eP	46		
	M	iP	52		
		e	26 44		
	R	eP	24 55		
Dec. 11	M	eP	12 35 38		USCGS: Fiji Islands region.
					0 = 12 23 49
Dec. 11	MH	eP	13 37 01		
	M	eP	08		
Dec. 12	B	eP	02 44 43		USCGS: Northern Chile. 0 = 02 33 00
		e	45 40		
	MH	iP	44 40		
	SH	iP	53		
	F	eP	30		
	M	eP	50		
	R	eP	42		
Dec. 12	MH	e	09 12 58		USCGS: 4-1/2°N 126°E h = 60
	SH	e	51		0 = 08 58 53 Near South coast
	M	e(P)	37		of Mindanao Island, Philippine
		e	55		Islands. Felt.
Dec. 12	MH	e	09 29 02		PKKP of last shock?
	SH	e	08		
	M	e	06		
Dec. 12	B	eP	09 40 24		USCGS: 36°N 140-1/2°E h = 150
	MH	eP	29		0 = 09 29 03 Near East coast
	SH	iP	16		of Honshu, Japan. Felt: Tokyo.
	F	eP	38		
	M	eP	19		
	R	eP	29		
Dec. 12	MH	eP	12 09 13		
	SH	eP	22		
	F	eP	17		
	M	eP	23		
Dec. 12	SH	e	15 10 13		
	M	e	18		
Dec. 12	B	iP	19 42 59		43.4°N 127.3°W 0 = 19 41 20
	MH	iP	43 10		150 miles West of Coos Bay,
	PA	eP	04		Oregon. M = 4.2
	F	eP	30		
	A	eE	42 32		
	SH	eP	27		
	M	iP	40		
	R	eE	43 04		
Dec. 13	M	e	08 39 00		USCGS: Kermadec Islands.
					0 = 08 26 00
Dec. 13	MH	eP	20 13 29		
	SH	eP	07		
	M	eP	12		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Dec. 14	MH	e(PP)	11 10 43		USCGS: 22°N 92-1/2°E 0 = 10 51 44 Pakistan-Burma border. Felt: Chittagong and Camilla, East Pakistan.
		e	11 29		
	SH	e	06 52		
		e	09 55		
		e	10 54		
	F	e	11 00		
		e	28		
	M	e(P)	06 47		
		e(PP)	10 33		
	R	e(PP)	10 42		
Dec. 14	B	e	12 30 31		USCGS: 51-1/2°N 178°E 0 = 12 22 15 Rat Islands, Aleutian Islands.
	MH	iP	29		
		i	38		
		e	46		
	SH	eP	08		
		i	17		
		e	26		
	F	e	49		
	M	iP	14		
	R	e(P)	27		
Dec. 14	MH	eP	12 33 42		
		e	51		
	SH	iP	19		
		i	28		
	F	eP	59		
	M	iP	25		
		i	33		
	R	eP	37		
Dec. 14	MH	eP	13 16 53		USCGS: Marianas Islands region. 0 = 13 04 20
	SH	eP	45		
	F	eP	17 02		
	M	eP	16 47		
Dec. 14	MH	eP	17 58 28		
	SH	eP	06		
Dec. 14	B	e	20 13 39		USCGS: 30°S 69°W 0 = 20 01 05 Mendoza Province, Argentina.
	MH	e(P)	30		
	SH	e(P)	41		
	F	e	29		
	M	e	45		
	R	e	36		
Dec. 15	B	eP	01 29 07		USCGS: Easter Island region. 0 = 01 19 00
	MH	iP	02		
	SH	eP	24		
		e	33 05		
	F	eP	28 56		
	M	eP	29 22		
		e	33 09		
	R	eP	29 17		
Dec. 15	M	e(P)	09 14 48		
Dec. 15	M	e(P)	10 12 39		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Dec. 15	M	e	10 38 21		
		e	40 58		
Dec. 15	M	eP	14 10 31		USCGS: Bonin Islands region. 0 = 13 58 32
Dec. 15	M	e(P)	16 46 22		
Dec. 15	M	e(P)	19 15 58		USCGS: 3-1/2°S 149°E 0 = 19 02 43 Bismark Sea.
Dec. 16	M	e(P)	05 36 43		
Dec. 16	MH	eP	07 18 15		
	SH	eP	17 55		
	M	iP	59		
	R	eP	18 11		
Dec. 17	MH	eP	00 43 01		USCGS: About 100 miles Northwest of Sitka, Alaska. 0 = 00 37 53
	SH	iP	42 28		
	F	eP	43 11		
	M	iP	42 32		
	R	eP	55		
Dec. 17	B	e	05 21 20		Pas: 33°00'N 115°30'W 0 = 05 17 21 Brawley, California foreshock. M = 4.3 Felt.
	MH	eP	19 07		
		e	20 46		
	SH	e	19		
	M	e(P)	19 52		
Dec. 17	B	e	06 09 22		Pas: 33°00'N 115°30'W 0 = 06 07 29 Near Brawley, California. Minor damage there. M = 5.4
	MH	i(P)	10		
		i	18		
	SH	eP	54		
	F	eP	08 46		
	M	eP	09 48		
	R	eP	26		
	C	e	12 53		
Dec. 17	B	e	06 54 06		Pas: 33°00'N 115°30'W 0 = 06 52 03 Brawley, California aftershock. M = 4.6 Felt.
	MH	e(P)	53 45		
	SH	e	55 00		
	F	e(P)	53 25		
	M	e(P)	54 24		
	R	e	45		
Dec. 17	SH	e	18 17 45		
	F	e	41		
	M	eP	47		
Dec. 17	MH	e(P)	19 07 31		Pas: 33°00'N 115°30'W 0 = 19 05 43 Brawley, California aftershock. M = 4.3 Felt.
	SH	e	08 44		
	F	e(P)	07 13		
	M	e(P)	08 15		
	R	e	12		
Dec. 17	SH	e(P)	23 49 42		
	M	e(P)	49		
Dec. 18	SH	eP	06 39 33		USCGS: 35°N 134-1/2°E 0 = 06 27 45 Southern Honshu, Japan.
Dec. 18	MH	iP	07 34 36		
	SH	iP	42		
	F	eP	39		
	M	eP	45		

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Dec. 20	B	iP	13 51 18		USCGS: Ecuador. h = 200
	MH	iP	10		0 = 13 41 47
	R	eP	14		
Dec. 21	MH	i	00 15 27		
Dec. 21	M	e(P)	03 12 38		USCGS: Central Kamchatka. 0 = 03 03 32
Dec. 21	MH	i(P)	12 07 31		USCGS: Mona Passage. 0 = 11 58 30
		i	41		
	F	e	28		
Dec. 21	MH	iP	15 55 24		
	SH	eP	03		
	M	eP	07		
Dec. 21	SH	i	16 26 23		
Dec. 22	MH	i(P)	06 31 55		USCGS: Fiji Islands. h = 600
	SH	i(P)	32 02		0 = 06 20 48
Dec. 22	B	iP	08 41 54		USCGS: 40°N 145°E 0 = 08 30 43
	SH	i(P)	43		Off East coast of Honshu, Japan.
	F	eP	42 08		
	R	eP	41 59		
Dec. 22	B	eP	12 05 57		38°59'N 118°42'W 0 = 12 05 07
	MH	iP	55		Near Schurz, Nevada.
	PA	eP	06 00		M = 4.8
	SH	iP	02		
	F	eP	05 49		
	M	iP	52		
	R	iP	05 28.3	c	
		iSN	43.3		
Dec. 22	B	iP	12 07 45		Schurz, Nevada aftershock.
	SH	iP	50		0 = 12 06 54 M = 4.6
Dec. 24	MH	eP	03 42 56		USCGS: 8-1/2°N 85°W 0 = 03 34 40
	M	eP	43 15		Off South coast of Costa Rica.
Dec. 24	M	eP	08 32 39		USCGS: Tonga Islands region. h = 100
					0 = 08 21 03
Dec. 24	MH	e(P)	22 13 43		
	M	e(P)	14 06		
Dec. 25	MH	iP	05 09 39		
Dec. 25	M	i	10 49 45		USCGS: Near Southeast coast of
					Kamchatka. 0 = 10 38 49
Dec. 27	B	iP	02 39 58		USCGS: 26°S 177°W h = 200
		epP	40 44		0 = 02 27 54 Kermadec Islands
	MH	eP	39 58		region. Felt on Raoul Island.
		ipP	40 40		
	F	eP	02		
		epP	46		
	M	eP	08		
		e	27		
	R	eP	23		
Dec. 27	MH	iP	08 02 43		
	M	eP	13		
Dec. 27	B	iP	08 59 42		USCGS: 14°N 145°E h = 100
	MH	iP	46		0 = 08 47 15 Marianas
		ipP	09 00 07		Islands.

Date	Sta.	Phase	Time (GCT)	Ground motion	Remarks
1955			h. m. s.		
Dec. 27	F	eP	08 59 51		
(contd)	M	eP	41		
	R	eP	49		
Dec. 27	M	e	12 02 17		USCGS: Fiji Islands region.
					0 = 11 49 50
Dec. 27	B	eP	17 32 54	d	USCGS: 32°S 180° h = 400
	MH	iP	52	d	0 = 17 20 42 Kermadec Islands.
	F	iP	57	d	
	M	eP	33 03	d	
	R	eP	06	d	
Dec. 27	MH	iP	18 42 21		USCGS: Northern Chile. 0 = 18 30 20
	M	eP	27		
Dec. 28	MH	iP	00 52 22		
		i	31		
	M	eP	31		
Dec. 28	MH	eP	02 52 18		
	F	eP	28		
	M	eP	01		
	R	eP	15		
Dec. 29	MH	iP	05 04 40		USCGS: 44°N 148°E 0 = 04 53 43
	M	e(P)	25		Kurile Islands.
Dec. 29	MH	iP	06 33 29		
	F	e(P)	32		
Dec. 29	B	eP	16 10 47		USCGS: 59-1/2°N 154°W h = 100
		ipP	11 13		0 = 16 04 45 Southern Alaska.
	MH	iP	10 54		
		ipP	11 20		
		iScP	17 21		
	SH	e(pP)	10 50		
	F	e(pP)	11 31		
	M	e	10 42		
		ipP	57		
		iScP	17 12		
Dec. 30	MH	e	05 14 29		
Dec. 30	M	iP	05 33 24		
Dec. 31	B	iP	05 11 47		USCGS: 18°S 69½°W 0 = 05 00 06
		e	12 21		Peru-Chile border.
	MH	iP	11 43		
		i	12 16		
	F	eP	11 33		
	M	eP	52		
	R	eP	45		
Dec. 31	B	e	13 52 03		39°00'N 118°02'W 0 = 13 51 04
	MH	iP	51 59.9	c	Southeast of Fairview Peak,
	SH	e	52 10		Nevada. M = 4.5
	F	iP	51 56		
	M	iP	55.8	c	
	R	iP	33.3	c	
		iSN	54.3		
Dec. 31	F	eP	21 25 56		USCGS: 42°N 142°E 0 = 21 14 11
	M	eP	17		Near South coast of Hokkaido, Japan.