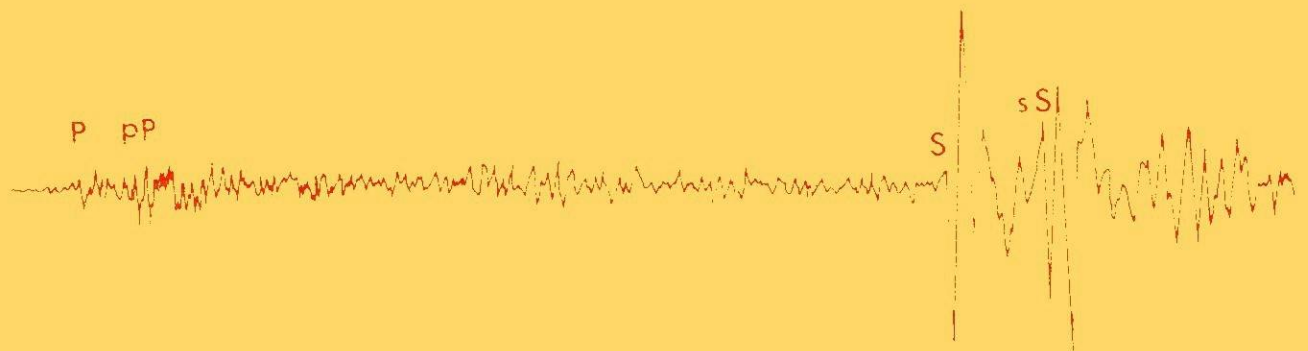


A CATALOGUE OF SEISMIC EVENTS RECORDED AT SEISMOGRAPH STATION CHC, CHAPEL HILL, NORTH CAROLINA, JANUARY 1, 1955 THROUGH DECEMBER 31, 1970.

SPECIAL PUBLICATION 6

By
David M. Best
Thomas D. Cavanaugh



RALEIGH
1977

COVER: TRACE OF A SEISMIC RECORD SHOWING ARRIVAL
OF PRIMARY AND SECONDARY SHOCK WAVES.

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CHAPEL HILL, NORTH CAROLINA

JANUARY 1, 1955 THROUGH DECEMBER 31, 1970

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David M. Best
Thomas D. Cavanaugh

Department of Geology
University of North Carolina
at Chapel Hill

GEOLOGY AND MINERAL RESOURCES SECTION

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Acknowledgments

Dr. Gerald R. MacCarthy, late Professor of Geology at the University of North Carolina at Chapel Hill, did much of the initial work on this project prior to his retirement in 1965. This publication serves as a tribute to his efforts.

The authors wish to express their thanks to the Department of Geology for funding this project. Drs. David E. Dunn and Roy L. Ingram provided valuable assistance and encouragement during various stages of our work. Thanks are extended to Drs. Dunn and John J. W. Rogers who reviewed the manuscript.

The computer program that produced the catalogue listing was run on the IBM 360/75 computer at the University of North Carolina Computation Center.

Abstract

Seismograph station CHC operated on the campus of the University of North Carolina at Chapel Hill until December 31, 1970, when station operations ceased due to equipment problems and an increase in cultural noise in the surrounding area. This catalogue lists seismic events recorded during a fifteen year period when the station was fully functional.

As an introduction to those whose main interests lie outside the field of earthquake seismology, definitions are given for basic terms such as earthquake, epicenter, magnitude, and intensity. Descriptions are provided for the three major types of seismic waves: compressional, dilational, and surface. Because of confusion that often develops when the "bigness" of earthquakes is discussed, the Richter scale is described and a table showing the relationship between intensity, magnitude, and released energy is given.

In the fifteen years of operation, seismograph station CHC recorded 3,040 recognized events. Between 1955 and 1965, Dr. Gerald R. MacCarthy, then Professor of Geology, listed all detected disturbances on index cards. The authors of this catalogue checked these cards against the original seismograms, updated all information to December 31, 1970, and typed a computer card for each seismic event. The data listed on these cards include: date, origin time (Greenwich Mean Time) of the earthquake, latitude and longitude of the epicenter, arrival time of the first detectable seismic wave on the vertical component (usually the P or PKP phase), focal depth, magnitude, and geographic location. Magnitudes are usually the lowest of those determined by the Palisades, Berkeley, or Pasadena seismograph stations. Events which originated in the eastern United States are marked in the catalogue with double asterisks (**) which precede the geographic location.

Introduction

This work is designed to appeal to both the general public and research scientists who are interested in seismic activity that has been recorded in North Carolina. The first section contains a general description of the basic terminology used in earthquake seismology. The second part outlines the evolution of the catalogue of events recorded at seismograph station CHC which operated at Chapel Hill, North Carolina, from 1953 to 1970. The final section of this work is a catalogue of seismic events recorded at station CHC during the period January 1, 1955 to December 31, 1970.

Earthquake Terminology

An earthquake is usually a natural phenomenon that is indicative of the dynamic nature of the earth. On any given day thousands of earthquakes occur throughout the world, but fortunately most of them are small ones confined to unpopulated areas. The majority of these earthquakes go unnoticed by the public; however, earthquakes that affect populated areas oftentimes draw widespread attention. For example, the number of earthquakes recorded in the world during 1976 was essentially the same as in past years. But the number of major ones centered in populated areas was more than normal and a greater amount of property damage and loss of life resulted.

As in any science, earthquake seismology has some specific terms that need defining before we can proceed. An earthquake is the resultant vibration of the earth (both internal and on the surface) caused by the movement of seismic waves which radiate outward from a zone of sudden motion. The location of this movement is generally thought to be along a fault. The point of first motion is termed the earthquake focus or hypocenter (Fig. 1), which almost always lies at some depth. For convenience, seismologists define the epicenter as the point on the earth's surface that lies directly above the focus. The epicenter is the location that is commonly referred to as the position of an earthquake. The coordinates

listed for each event in the catalogue represent the epicenter for that particular event. The epicenter and the corresponding depth for an event determine its focus.

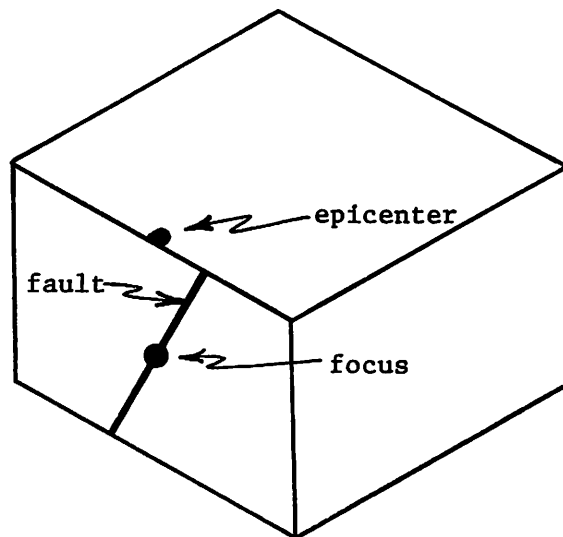


Fig. 1. Positions of the focus and epicenter of an earthquake caused by movement on an inclined fault.

The time separation between the P- and S-waves ($t_s - t_p$) on a seismogram permits us to determine the epicentral distance. Each seismograph station would determine this difference and then multiply it by an assumed velocity (v_0) for the medium through which the seismic wave traveled. This distance defines an arc of radius $v_0(t_s - t_p)$ on which the epicenter would lie. A combination of three such station calculations yields an intersection point or area which defines the epicenter. A minimum of four stations are required to determine the focus. Because inhomogeneities exist in the earth, the best epicenter determinations are obtained by using data available from seismograph stations close to the epicenter. Figure 2 shows the method of locating the epicenter of a hypothetical event in South Carolina from information recorded in Atlanta (ATL), Blacksburg (BLA), and Chapel Hill (CHC).

In addition to the location, the magnitude (M) of an earthquake is generally given, especially in those instances where the earthquake occurred near populated regions. The magnitude of an earthquake is based on the common logarithm of the maximum amplitude of the ground motion recorded at a seismograph station. Thus an earthquake with a magnitude of 6

would have ten times the ground motion of one having a magnitude of 5. This relationship was observed by the American seismologist, Charles F. Richter, in 1935. However, another American seismologist, Beno Gutenberg, did further research on magnitude scales and developed better methods of

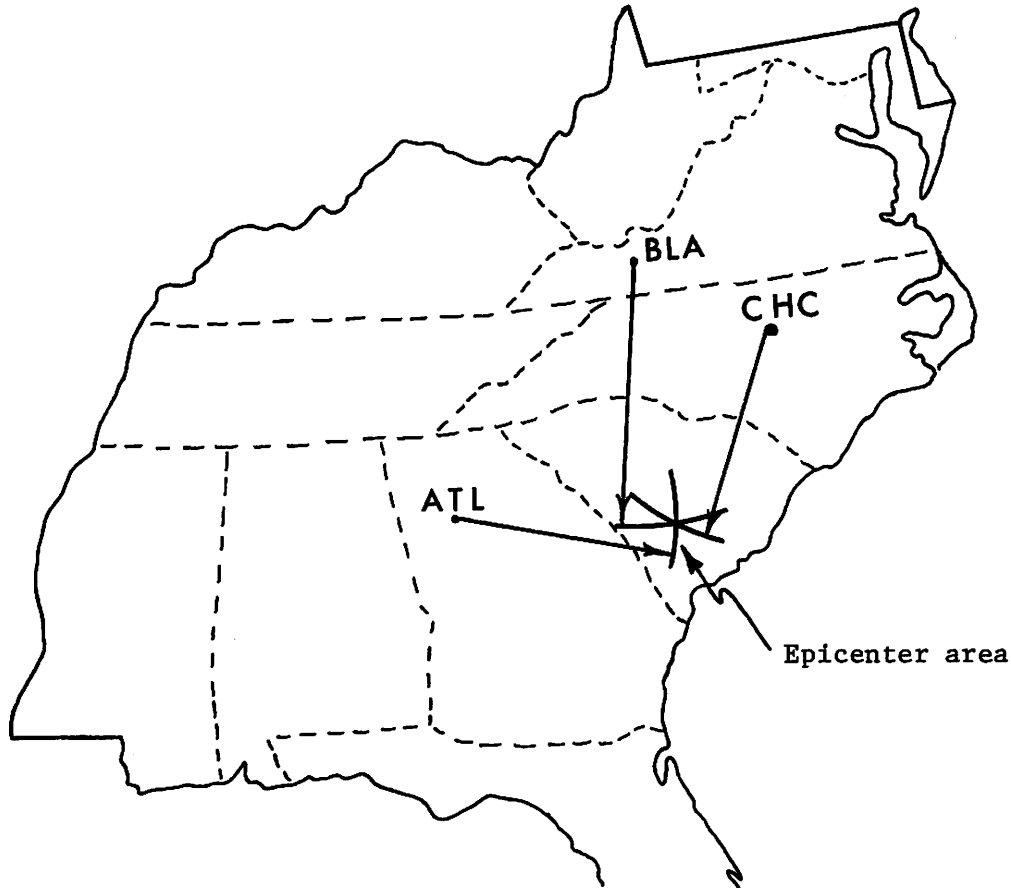


Fig. 2. Locating a hypothetical event from information recorded at Atlanta (ATL), Blacksburg (BLA), and Chapel Hill (CHC).

deriving magnitude values. It is important to note that the Richter or any other magnitude scale is open-ended. Thus there is no maximum value of 10 or 12 as is sometimes reported. The highest recorded magnitude was $M = 8.9$, which happened in Colombia in 1906 and in Japan in 1933 (Richter, 1958). Because of the logarithmic relationship of magnitude, it is possible to obtain negative magnitudes. Such values correspond to extremely small events.

Magnitude should not be confused with intensity, which is a subjective measure of actual ground motion and damage based on human assessments, whereas magnitude is the result of instrumental measurement.

Intensity is measured on a scale of I to XII, as described by the Modified Mercalli Scale (Appendix I).

A more mathematical relationship does exist between magnitude and the amount of energy released by an earthquake. Table I shows this magnitude-energy relationship along with the approximate number of earthquakes in each magnitude range worldwide and corresponding intensity values. Note that energy is measured in ergs. In order to get a feel for how much energy an earthquake expends, consider that a 100-watt light bulb burning for one hour uses 3.6 trillion (3.6×10^{12}) ergs. This might sound like a large amount but you would need to burn that bulb 32 million years before it would use the energy expended in a few moments during the April 18, 1906 San Francisco earthquake ($M = 8.3$).

TABLE I. Worldwide earthquake statistics.

Intensity description of effects in populated areas	Approximate magnitude	Intensity range	Number of earthquakes per year	Energy (ergs)
Damage nearly total	≥ 8.0	X - XII	0.1 - 0.2	$\geq 10^{25}$
Great damage	≥ 7.4	IX - XI	4	$\geq 0.4 \times 10^{24}$
Serious damage	7.0 - 7.3	IX - X	15	$0.04-0.2 \times 10^{24}$
Considerable damage	6.2 - 6.9	VII - IX	100	$0.5-23 \times 10^{21}$
Slight damage	5.5 - 6.1	VI - VIII	500	$1-27 \times 10^{19}$
Felt by all	4.9 - 5.4	VI - VII	1,400	$3.6-57 \times 10^{17}$
Felt by many	4.3 - 4.8	V - VI	4,800	$1.3-27 \times 10^{16}$
Felt by some	3.5 - 4.2	III - V	30,000	$1.6-76 \times 10^{15}$
Not felt but recorded	2.0 - 3.4	II - IV	800,000	$4 \times 10^{10}-9 \times 10^{13}$

Modified from Press and Siever (1974).

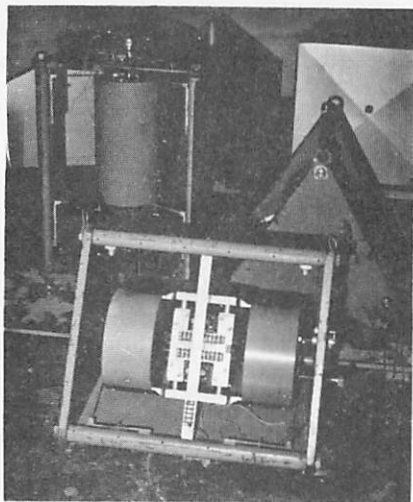


Fig. 3a

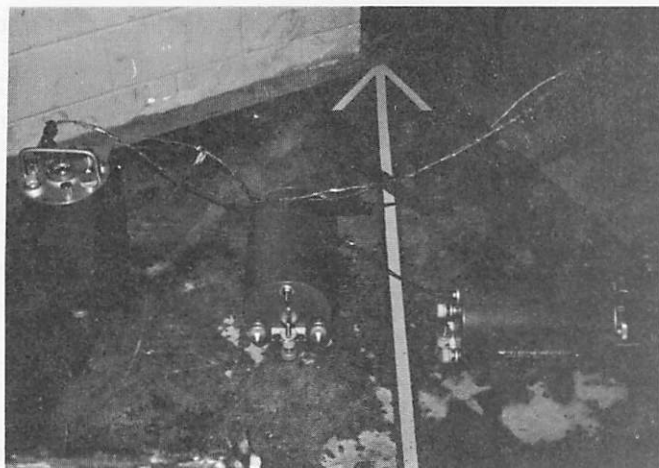


Fig. 3b

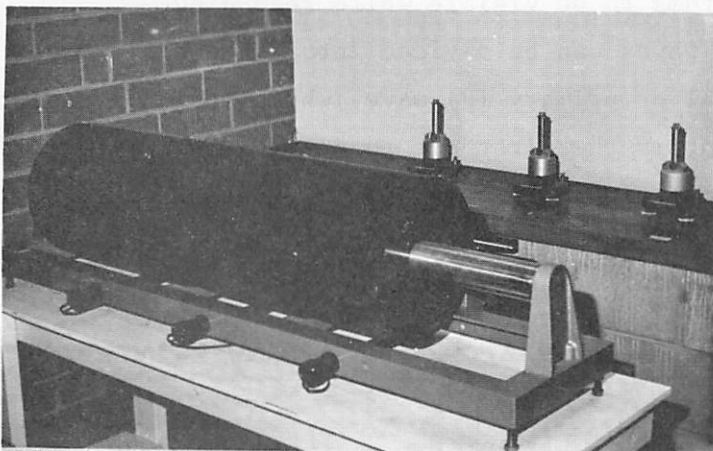


Fig. 3c



Fig. 3d

- Fig. 3. a. Benioff short-period seismometers
 b. Teledyne Geotech portable seismometers
 c. Recording drum for photographic seismograms
 d. Recording drums for heat sensitive seismograms

Seismometers are instruments used to detect minute amounts of ground motion. Through the use of electronic amplifiers, the seemingly undetectable motion of many small events can be translated into the recorded motion of a pen or light beam onto paper. This movement is what seismologists measure in order to calculate magnitudes. Figures 3a and 3b show two generations of seismometers. The Benioff short-period seismometers (Fig. 3a) are rather massive and difficult to move in case the position of a station should need to be changed. In Fig. 3b we see the more portable Teledyne Geotech seismometers. Each of these has a mass of about 10 kg as opposed to about 175 kg for each of the Benioff instruments.

Figures 3c and 3d depict the recording devices used for the instruments in Fig. 3a and 3b, respectively. The single drum (Fig. 3c), which operated in a dark room, held three pieces of photographic recording paper. Light beams were deflected from mirrors in each of the galvanometers (background) which were wired to separate Benioff seismometers. After developing the photographic paper, any earthquake activity present would show up as seen in Fig. 4. The more modern recording drums are shown in Fig. 3d. These utilize heat sensitive paper and a heated stylus which actually burns a record of the ground motion onto the paper. This method of recording enables the drums to be visible while recording.

The recording seismic waves can be divided into three basic types (Fig. 5). The compressional or primary (P) wave, which includes regions of compression and dilation, is the first one to arrive. Particle motion is in the direction of propagation. P-waves are the fastest ones, having velocities between 6 and 8 kilometers per second. The second type of

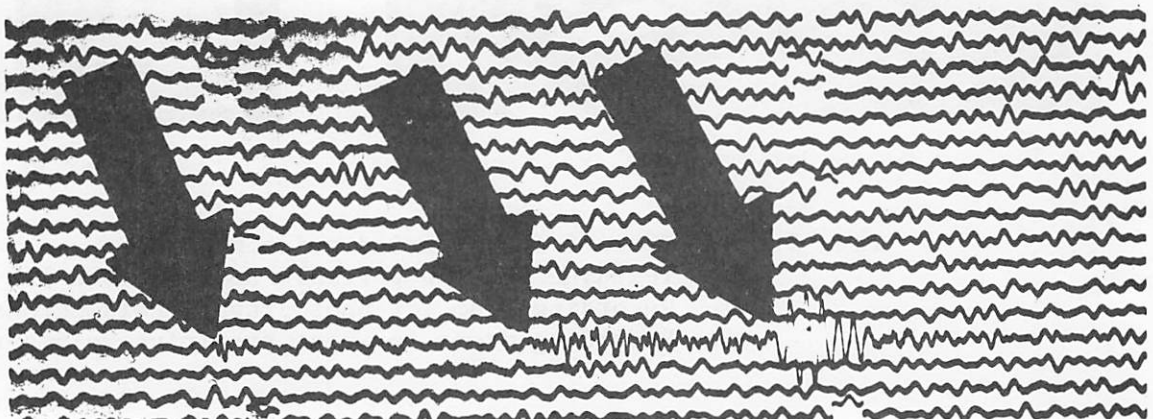


Fig. 4. Seismogram record of nearby event showing arrival of P, S, and LR waves.

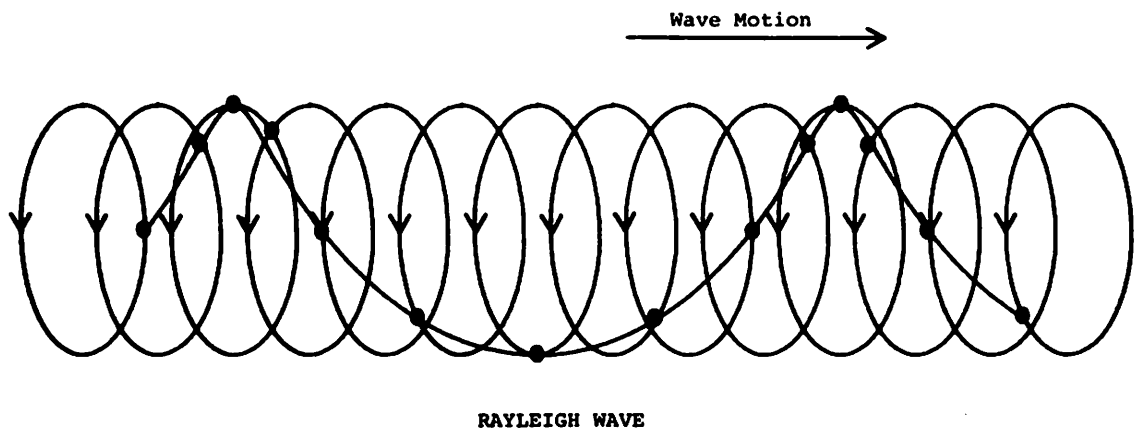
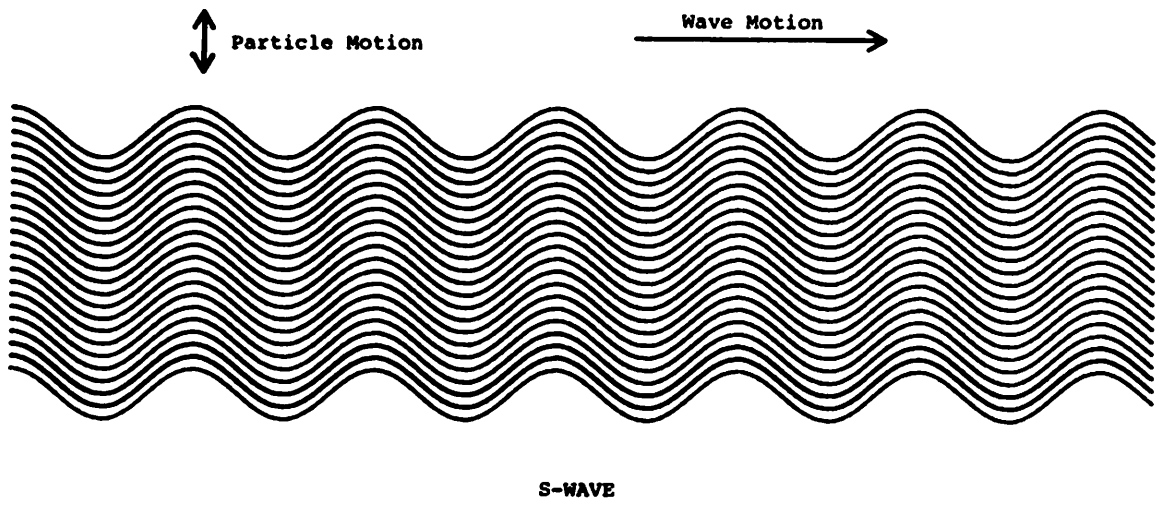
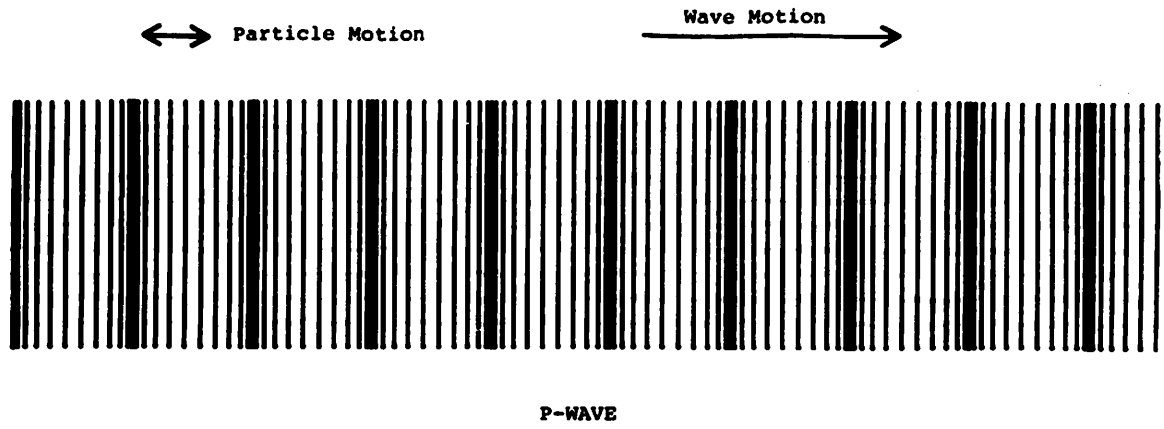


Fig. 5. Three types of seismic waves.

wave is the shear wave, which is also called a secondary (S) wave because it is normally the second one to arrive. Velocities for S-waves are about 60% those of P-waves. As seen in Figure 5, particle motion is perpendicular to the direction of propagation. Whereas P- and S-waves travel through specific layers of the earth, the third type of seismic wave is confined to the outer surface. The longer period surface (L) waves are the slowest of the three types; hence they arrive much later than either the P- or S-waves. There are several types of surface waves but the only one we will mention is the Rayleigh wave (LR). Particle motion is described as elliptical retrograde, that is, particles move counterclockwise in the shape of an ellipse (Fig. 5).

Careful measurements of the velocities of the P- and S-waves enable seismologists to determine the earth's internal properties. In addition, a very important property of the S-wave is that it does not pass through liquids. This fact is the main reason geophysicists believe a portion of the earth's interior is liquid (Fig. 6). Examination of Figure 6 shows us that most of the initial arrivals at a recording station are either P or PKP phases. PKP is simply a P-wave that has penetrated the earth's core.

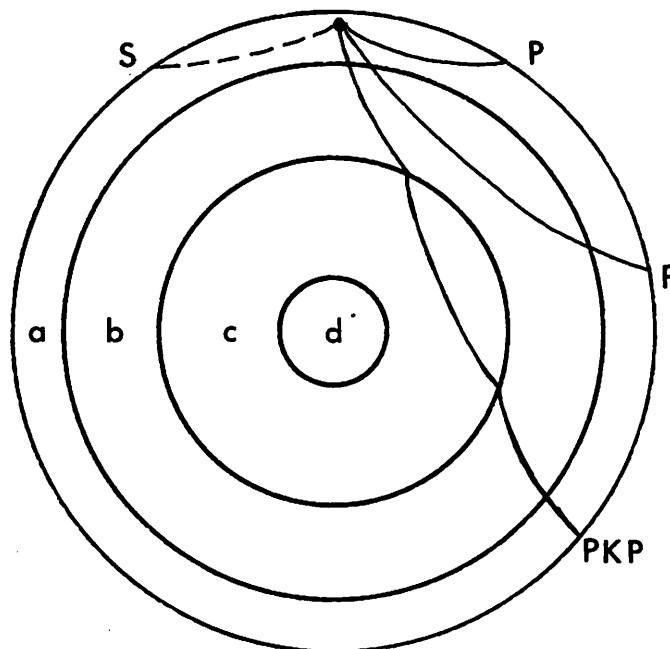


Fig. 6. Cross-sectional view of the layers of the earth and wave paths of P, PKP, and S waves from an earthquake; a = upper mantle; b = lower mantle; c = outer core; d = inner core.

As previously mentioned, most earthquakes are naturally occurring phenomena that are related to movement along faults. Other naturally occurring ones are related to volcanic activity, but these are usually small in number and size. There are cases where seismic energy is created by other means, thereby generating ground motion similar to that produced by the radiation of energy from a focal region. Table II lists examples of non-naturally occurring seismic disturbances taken from the catalogue.

TABLE II. Examples of non-naturally occurring seismic disturbances.

Type of seismic disturbance	Date	Origin Time	Location
Underground nuclear explosions	June 30, 1966	22:15:01	Nuclear Test Site, Nev.
	Oct. 27, 1966	05:57:58	Novaya Zemlya, U.S.S.R.
Mine explosion	Nov. 25, 1964	02:50:05	Coalwood, W. Va.
Ammunition detonation	July 29, 1966	04:36:25	Off east coast of U.S.

Evolution of the Catalogue

The Department of Geology at the University of North Carolina at Chapel Hill established a seismograph station (designation CHC) in March 1953, one of the few such stations located in the southeastern United States (see Fig. 7). This facility was under the supervision and guidance of Dr. Gerald R. MacCarthy, Professor of Geology at the University. Station operation was intermittent during the first 21 months of its existence due to numerous unforeseen problems. Therefore, good quality seismograms were not obtained until the early part of 1955.

Dr. MacCarthy personally ran the station for several years until graduate students began performing some of the routine tasks. Once the station was operating smoothly, Dr. MacCarthy started keeping a note card file of all seismic disturbances¹ which were detected at CHC. Utilizing

¹Seismic disturbances include earthquakes, nuclear blasts and other explosions (mining and ammunition).

United States Coast and Geodetic Survey (USC&GS) Preliminary Determination of Epicenter (PDE) cards and Monthly Listings, he compiled a list of over 2300 recorded events before he retired in 1965.

The authors realized the value of his efforts but some work had to be done to the compilation before obtaining any useful information. First, all seismograms for the period 1955 to 1970 were reexamined and Dr. MacCarthy's previous work verified. In addition, the card file was completed for the period March 1967 to December 1970, bringing the total number of recorded events to 3,040. Each event in the card file was entered on a computer card and a FORTRAN IV program was written to provide a chronological listing and a tabulation of events. Data cards were then checked against lists provided by the USC&GS PDE cards (1955-1964) and PDE Monthly Listings (1965-1970). Additional cross-checks were made with lists provided in the Seismological Notes, published in issues of the Bulletin of the Seismological Society of America, and United States Earthquakes, an annual publication of the National Oceanic and Atmospheric Administration. Springer and Kinnaman (1971) listed information concerning underground nuclear explosions which supplemented the above sources.

Events of particular interest were those which originated in the eastern United States. We define this area to be the continental United States east of the Mississippi River in addition to southeastern Missouri, which is included because of its high degree of seismicity. Each "local" event is designated by double asterisks (**) preceding its location description in the listing. In addition to the sources previously mentioned, the catalogues of McClain and Myers (1970) and Bollinger (1975) were consulted to insure complete coverage of events in the southeastern United States. A photographic catalogue of CHC seismograms of these events will be available in the near future.

Information contained on each data card includes the date, origin time of the event (rounded to the nearest second), latitude and longitude of the epicenter, arrival time at CHC, depth (in kilometers), magnitude, and geographic location. All times are Greenwich Mean Time (GMT). In the listing, if any of the preceding information is missing for an event, it was not provided by the sources or was indeterminable (in the case of arrival times). Origin times were rounded to the nearest second in order to conserve space on the data card and because early PDE listings (up to

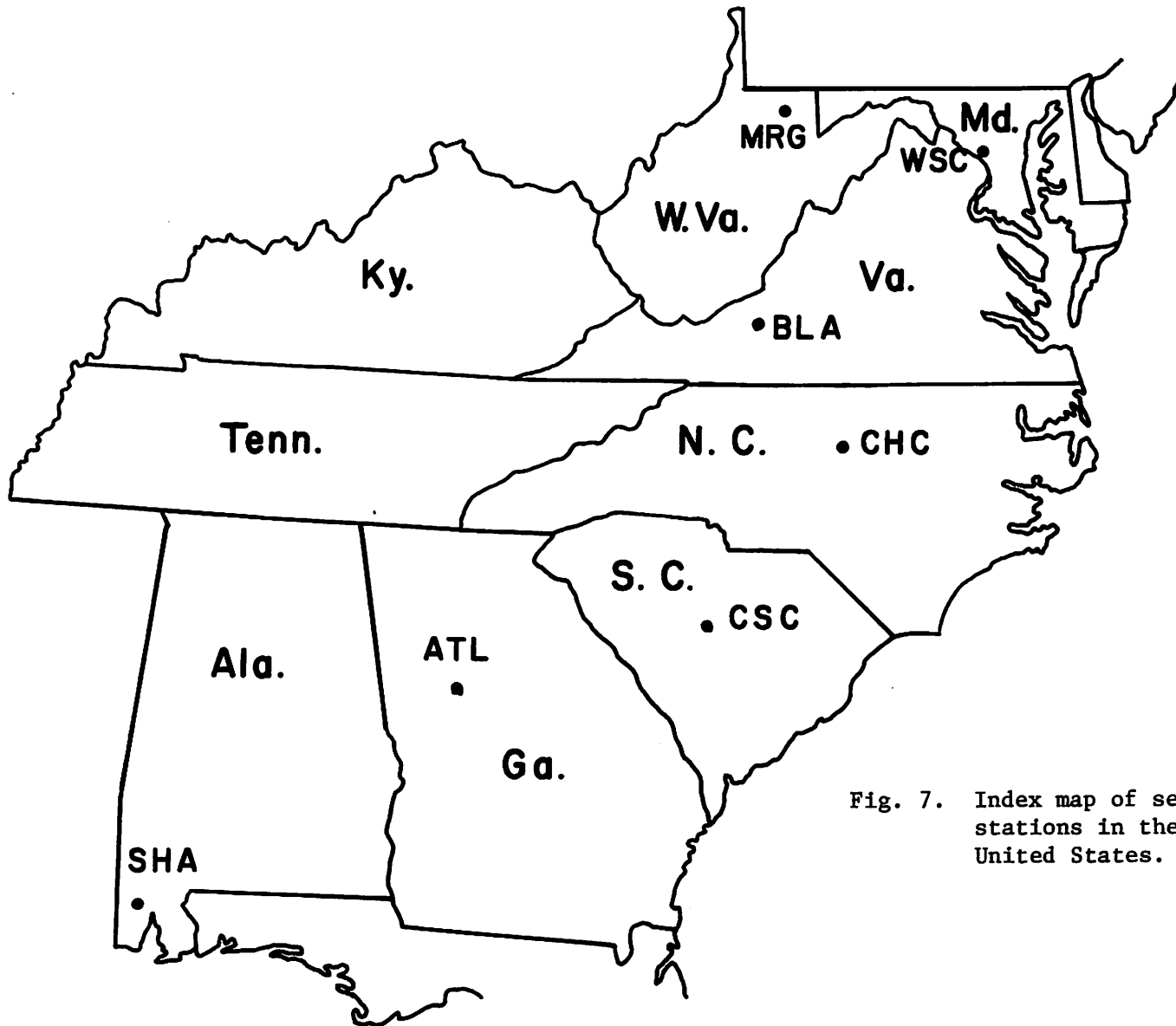


Fig. 7. Index map of seismograph stations in the southeastern United States.

August 1960) only provided origin times to the nearest second. Researchers who might use the data list should consult the original sources to obtain the accurate times. The absence of an arrival time indicates that either (1) the phase arrival was too emergent to assign a definite beginning point, or (2) too many concurrent arrivals obscured the initial motion of an arrival (e.g., during March 1957). The arrival times listed represent the first arrivals as recorded at CHC. Generally, this corresponds to either a P or PKP phase. However, first arrivals recorded for some events were later phases. The Jeffreys-Bullen (1958) travel-time tables should be consulted if one wishes to determine exactly which phases are indicated by the arrival times given. Times were read from the vertical (Z) component unless indicated otherwise by a N/S or E/W (north/south or east/west component, respectively) following the geographic location.

Magnitudes represent the lowest value by the Palisades (PAL), Berkeley (BRK), or Pasadena (PAS) seismograph stations. If none of these were available, the magnitude calculated by the USC&GS (CGS) was selected. However, in many instances the latter figure was considerably less than that determined by PAL, BRK, or PAS. Prior to 1966 magnitude determinations were about 0.7 units lower than those of most other stations (Bath, 1966).

Geographic locations are those given in the USC&GS PDE lists. The standardized naming scheme of Flinn and Engdahl (1965) was implemented in June 1965. When necessary, standard country abbreviations as listed in The World Book Atlas (1969) were used to limit the number of characters in the geographic location to 36. Compass direction abbreviations, such as N = north, NE = northeast, etc., were occasionally required for the same reason.

Seismograph station CHC ceased operations on December 31, 1970. A completely new station (designation CEH) began operating in August, 1975, under the auspices of the Department of Geology of the University of North Carolina at Chapel Hill. The location of station CEH is approximately five kilometers southwest of the former site of station CHC. The new equipment has resulted in better quality seismograms although the station operates at a lower gain due to increasing background noise associated with the cultural growth of Chapel Hill.

TABLE III. CHC station constants*

Location: 35°54'10" (35.90°) North
 79°03'02" (79.05°) West
 Elevation: 490 feet (149.35 meters)

Seismometer	Z	N/S	E/W
Type	Wilson-Lamison	Sprengnether	Sprengnether
Period			
(1956)	1.1 sec	6.0 sec	6.0 sec
(1959)	1.34 sec	5.5 sec	5.2 sec
Galvanometer Period			
(1959)	1.6 sec	6.7 sec	6.4 sec
(1959)	1.8 sec	6.95 sec	5.28 sec
Magnification			
(1959)	25,000 at $T_0 = 1.4$ sec	----	----

*Data taken from notes available in Dr. MacCarthy's files

Requests for originals (or copies) of the seismograms listed in this publication should be sent to;

Director

MacCarthy Geophysics Laboratory

Department of Geology

University of North Carolina

Chapel Hill, NC 27514

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APPENDIX I. Modified Mercalli Scale (1956 Version)

The descriptions that follow for each level of intensity are modified from the version given by Richter (1958, p. 137-138), which presents an abridged form of the original Modified Mercalli Scale established by H. O. Wood and Frank Neumann in 1931.

As Richter pointed out, each effect is listed at that level of intensity at which it first appears frequently and characteristically. An effect may be found less strongly, or in fewer instances, at the next lower level; more strongly or more often at the next higher level. A few effects are listed at two successive levels to indicate a more gradual increase.

- I. Not felt; marginal and longer-period effects of large earthquakes, such as dizziness or nausea; swaying of trees, bodies of water.
- II. Felt by persons at rest, on upper floors, or favorably placed.
- III. Felt indoors; hanging objects swing; vibration similar to that produced by the passing of light trucks; may not be recognized as an earthquake.
- IV. Hanging objects swing; vibration similar to that produced by the passing of heavy trucks; standing cars rock; windows, dishes, doors rattle; glassware clinks.
- V. Felt outdoors; sleepers wakened; liquids disturbed, some spilled; small unstable objects displaced or upset; doors swing; shutters, pictures move; pendulum clocks stop, start, change rate of motion.
- VI. Felt by all; many frightened and run outdoors; persons walk unsteadily; windows, dishes, glassware broken; objects thrown from shelves; pictures fall off walls; furniture moved or overturned; small bells ring; trees, bushes shaken; weak plaster, poor mortar crack.
- VII. Difficult to stand; noticed by drivers of automobiles; hanging objects quiver; furniture broken; weak chimneys broken at roof line; poor masonry cracks; loose bricks, plaster, stones, tiles, cornices fall; small slides and caving in along sand and gravel banks; large bells ring.
- VIII. Steering of automobiles affected; damage to non-reinforced masonry with partial collapse; falling of stucco and some masonry walls; chimneys, factory stacks, monuments, towers, elevated tanks twist and fall; frame houses, if not bolted down, shift on foundations; loose panel walls thrown out; decayed piling broken off; tree branches broken; changes in flow and temperature of wells and springs; cracks formed in wet ground and steep slopes.

- IX. General panic; poor masonry destroyed; unbraced masonry heavily damaged; reinforced masonry seriously damaged; general damage to foundations; frame structures, if not bolted down, shift off foundations; serious damage to resevoirs; underground pipes broken; conspicuous cracks in ground; in alluvial areas sand and mud ejected; earthquake fountains and sand craters developed.
- X. Most masonry and frame structures destroyed; some well-built wooden structures and bridges destroyed; serious damage to dams, dikes, embankments; large landslides; water thrown on banks of canals, rivers, lakes; sand and mud shifted horizontally on beaches and flat land; rails bent slightly.
- XI. Rails bent greatly; underground pipelines completely out of service.
- XII. Damage nearly total; large rock masses displaced; lines of sight and level distorted; objects thrown into the air.

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1955

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 3	18:41:50			18:50:52.6	60		NEAR COAST OF PERU
JAN 5	0:50:12	50.0S	162.5E	1: 9:34.7		6.9	OFF NEW ZEALAND COAST
JAN 13	2: 3:43	53.0W	167.5W	2:14: 2.5		6.9	FOX ISLANDS, ALUTIAN ISLANDS
JAN 13	2:35:45	53.0W	167.5W	2:47: 9.0		6.5	FOX ISLANDS, ALUTIAN ISLANDS
JAN 24				7:28:55.5			NOT LISTED BY USCGS
JAN 25	7:24:30	35.6N	90.3W	7:28:54.0			** TENN-ARK-MISS BORDER
JAN 27	13:11:34			13:17: 3.5	60		OFF COAST OF OAXACA, MEXICO
JAN 31	5: 3: 3	12.5S	57.0W	5:12:18.3		6.2	MATO GROSSO, BRAZIL
FEB 4	7:21:49	17.0S	67.0E	7:41:23.3		6.2	MASCARENE ISLANDS
FEB 10	0: 3:21	50.0W	156.0E	0:15:36.7	60		NORTHERN KURILE ISLANDS
FEB 16	11:29:54	7.0S	130.0E	11:49: 6.4	150		BANDA SEA
FEB 26	0:31:14	0.0W	102.0E	0:50:50.2			SUMATRA
FEB 27	16:36:59	7.5W	42.5W	16:45: 4.8			NORTH ATLANTIC OCEAN
FEB 27	20:43:24	27.5S	176.0W	20:58: 5.0		7.4	KERMADEC ISLANDS
FEB 28	20:42:31	11.0S	66.5E	21: 2: 4.2			INDIAN OCEAN
MAR 1	1:46:14	21.0S	37.0W	1:57:29.5			OFF COAST OF BRAZIL
MAR 1	4:42:59	65.0W	133.0W	4:51: 5.0		6.5	YUKON
MAR 1	8:48:21	65.5W	133.0W				YUKON AFTERSHOCK
MAR 1	14: 2:25	65.0W	133.0W	14:10:29.0			YUKON AFTERSHOCK
MAR 5	7:43:20	60.5W	67.0W	7:56:45.5			HUDSON STRAIT
MAR 31	18:17: 0	8.0W	124.0E	18:36:10.0		7.3	OFF MINDANAO, PHILIPPINE ISLANDS
APR 4	19:24: 4	13.0W	87.0W	19:29:23.5		6.2	NICARAGUA
APR 5	15: 9:15	25.0W	110.0W	15:15:16.5		6.7	GULF OF CALIFORNIA
APR 5	16:16:24	24.5W	110.0W	16:22:33.0		6.0	GULF OF CALIFORNIA AFTERSHOCK
APR 9	15:21:41	10.0S	75.0W	15:29:56.5	100		CENTRAL PERU
APR 10	17:38:12	8.0W	125.0E	17:57:25.0		6.5	PHILIPPINE AFTERSHOCK
APR 11	20:21:16	13.5W	87.0W	20:26:34.7			NICARAGUA-HONDURAS BORDER
APR 13	20:45:45	37.5W	22.0E	20:57:43.0			SOUTHERN GREECE
APR 14	1:28:58	30.0W	101.5E	1:48:32.0		7.0	SIKANG PROVINCE, CHINA
APR 14	8:24:50			8:29:53.0	150		GUATEMALA
APR 15	3:40:52	40.0W	74.5E	3:54:44.0		6.9	KIRGHIZ S.S.R.
APR 15	4:13:23	40.0W	75.0E	4:27:19.0			KIRGHIZ S.S.R. AFTERSHOCK
APR 17	18:35:27	52.0W	159.5E	18:47:27.0	60	6.7	SOUTH COAST OF KAMCHATKA
APR 17	22:36: 4	26.0S	70.0W	22:46:40.0			CENTRAL CHILE
APR 19	16:47:17	39.5W	23.0E	16:59:11.0			NEAR EAST COAST OF GREECE
APR 19	20:24: 5	30.0S	72.0W	20:34:52.5		7.0	NEAR COAST OF CENTRAL CHILE
APR 20	2:12:26	30.5S	72.5W	2:23: 9.0		6.5	CENTRAL CHILE AFTERSHOCK
APR 20	5:48:27	30.5S	72.5W	5:59:22.0		6.5	CENTRAL CHILE AFTERSHOCK
APR 21	7:18:17	39.5W	23.0E	7:30:12.0			NEAR EAST COAST OF GREECE
APR 23	18:28:47	24.5S	113.0W	18:39:51.0		6.7	EASTER ISLAND AREA
APR 24	12:45:25	19.0W	74.0W	12:49:24.0			WINDWARD PASSAGE
APR 25	0:23:45			0:33:24.0			NORTHERN PERU
APR 26	3: 3:34	13.5W	89.5W	3: 8:50.0	60	6.5	NEAR COAST OF EL SALVADOR
APR 28	19: 4:59	51.0W	178.5W	19:15:52.0		6.5	ANDREANOF ISLANDS, ALUTIAN IS.
APR 30	1:32:25	12.5W	87.0W	1:37:56.0			NEAR COAST OF NICARAGUA
APR 30	1:43:50	12.0W	87.0W	1:49:16.0			NICARAGUA AFTERSHOCK
APR 30	9:15: 0	12.5W	86.5W	9:20:22.0			NICARAGUA AFTERSHOCK
APR 30	9:19:59	13.0W	86.5W	9:25:17.0			NICARAGUA AFTERSHOCK
MAY 6	11:39:53	35.5W	36.0W	11:46:47.0			NORTH ATLANTIC OCEAN
MAY 11	11: 4: 0	0.0W	78.0W	11:11: 4.0		6.7	ECUADOR
MAY 12	7:14: 6	22.5S	68.0W	7:28:25.0	100		CHILE-BOLIVIA BORDER
MAY 13	3:29:49	19.0W	63.5W	3:34:43.5			VIRGIN ISLANDS REGION
MAY 13	5:21: 9	19.0W	63.5W	5:26: 1.0			VIRGIN ISLANDS AFTERSHOCK
MAY 14	6: 4:14	28.0W	139.5E	6:22:14.0	500	6.7	BONIN ISLANDS REGION
MAY 14	20: 0: 0	29.0W	126.5W	20: 7:40.0			ATOMIC BLAST WIGWAG, PACIFIC
MAY 19	7: 7:13	19.0S	69.0W	7:16:41.0	100		NORTHERN CHILE
MAY 22	23:45:17	11.0S	74.0W	23:53:45.0	100		CENTRAL PERU
MAY 25	3: 8:53	14.0W	92.5W	3:14:24.0			OFF COAST OF GUATEMALA
MAY 25	18:27:53	48.0W	157.0E	18:33:38.0			NORTHERN KURILE ISLANDS
MAY 26	16:23:10	10.0S	161.0E	16:43:47.0		6.9	SOLOMON ISLANDS
MAY 28	6:20:47	30.5S	65.0W	6:31:19.5	200	6.7	CORDOBA PROVINCE, ARGENTINA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAY 29	11: 5:50	49.0N	157.0E	11: 18: 14.0			NORTHERN KURILE ISLANDS
MAY 29	21:20: 0			21:37: 5.0	100		NORTHERN CHILE
MAY 30	0:23:15	19.0N	63.0W	0:28:16.0			LEeward ISLANDS
MAY 30	12:31:41	24.5N	142.5E	12:48:33.0	570	7.1	VOLCANO ISLANDS - FELT IN TOKYO
MAY 30	23:26:50	3.0S	137.0E	23:46:18.0		6.5	WESTERN NEW GUINEA
MAY 31	17:57:12	0.0W	92.0W	18: 4:34.0			GALAPAGOS ISLANDS
JUN 2	0:18:56	51.5N	180.0W	0:30: 4.5		6.7	ANDREANOF ISLANDS, ALUTIAN IS.
JUN 2	0:34:33	52.0N	179.5W	0:58:13.5			ANDREANOF ISLANDS AFTERSHOCK
JUN 2	2: 2:10	51.5N	180.0W	2:13:18.5			ANDREANOF ISLANDS AFTERSHOCK
JUN 5	1:53:16	51.5N	180.0W	2: 4:31.5		6.2	ANDREANOF ISLANDS, ALUTIAN IS.
JUN 8	17: 8:13	16.0N	94.0W	17:13:45.0	100		NEAR COAST OF CHIAPAS, MEXICO
JUN 11	22:19:40	27.0S	63.0W	22:29:23.0	600		SANTIAGO DEL ESTERO PROV., ARG.
JUN 12	20:30:45	49.0N	155.0E	20:43:13.5			KURILE ISLANDS
JUN 14	6:11:18	20.0N	107.0W	6:17:33.0		6.2	OFF COAST OF COLIMA, MEXICO
JUN 15	10: 6:16	16.0N	93.5W	10:11:49.0			NEAR COAST OF CHIAPAS, MEXICO
JUN 16	12:37:21	25.0N	112.5W	12:43:44.0			OFF COAST OF BAJA CALIFORNIA
JUN 19	21:25:21	53.5N	166.0W	21:36: 4.0			FOX ISLANDS, ALUTIAN ISLANDS
JUN 20	12: 7:25	51.5N	180.0W	12:18:33.0		6.7	ANDREANOF ISLANDS, ALUTIAN IS.
JUN 21	10:51: 0	52.0N	161.5E	11: 3: 0.5			OFF COAST OF KAMCHATKA
JUN 23	22:13:31	44.5N	149.0E	22:26:24.5	60		KURILE ISLANDS
JUN 24	4:36:20			4:56: 3.0			BANGKA ISLAND, NETHERLANDS W.I.
JUN 28	4:28: 7	86.5N	70.0E	4:37:55.0		6.0	NORTH POLAR REGION
JUL 3	14:26:32	52.0N	178.0E	14:37:48.0		6.5	RAT ISLANDS, ALUTIAN ISLANDS
JUL 4	2:45:25			2:50:56.5			OFF COAST OF GUATEMALA
JUL 4	14:19:44	51.0N	177.0E	14:31: 0.0		6.5	RAT ISLANDS, ALUTIAN ISLANDS
JUL 6	1:54:17	51.0N	158.0E	2: 6:29.0		6.7	KAMCHATKA
JUL 6	10:29:40	54.5N	162.5W	10:39:34.0			NEAR COAST OF ALASKA PENINSULA
JUL 7	4:57:25	12.5N	88.0W	5: 2:41.0			NEAR COAST OF NICARAGUA
JUL 8	19: 3: 9	5.0S	110.0E	19:21:51.5	600		JAVA SEA
JUL 11	5: 8: 0			5:27:46.5			NEAR SOUTH COAST OF SUMATRA
JUL 11	20:21:20	1.0S	13.5W	20:32:50.0			SOUTH ATLANTIC OCEAN
JUL 14	9:51:37	8.5N	94.0E	10:14:31.0			NICOBAR ISLANDS
JUL 16	7: 7: 8	37.5N	27.0E	7:19:21.0		6.7	DODECANESE ISLANDS
JUL 17	21:58:25	54.0N	168.0W	22:33:30.0		5.7	FOX ISLANDS, ALUTIAN ISLANDS
JUL 19	23:52:25	56.5N	153.0W	0: 1:40.0		6.0	NEAR SOUTH COAST OF KODIAK I.
JUL 21	11:45:40	15.0S	74.0W	11:54:37.0	100	6.7	SOUTHERN PERU - EXCELLENT RECORD
JUL 23	12:48:28	7.0S	128.5E	13: 9: 0.0			BANDA SEA
JUL 25	11:22:31	23.5N	70.5W	11:32:34.5	60		NORTHERN CHILE
JUL 26	4: 4:18	56.5N	153.0W	4:35:40.0		6.0	KODIAK ISLAND FORESHOCK
JUL 27	18:19: 8	56.5N	153.0W	18:28:24.0		6.2	NEAR SOUTH COAST OF KODIAK I.
AUG 3	6:39:42			6:51:24.0			SOUTHWESTERN COLORADO
AUG 5	3:12: 6	17.5N	106.0W	3:18:19.0			OFF COAST OF COLIMA, MEXICO
AUG 6				4:52:59.0			UNKNOWN EVENT - DURATION 25 MIN.
AUG 6				5:48:52.0			NOT LISTED BY USCGGS
AUG 6	8:31:25	21.5S	177.5W	8:49:49.5	360	6.7	TONGA ISLANDS REGION
AUG 16	4:18:47	12.5N	88.5W	4:23:54.0			OFF COAST OF EL SALVADOR
AUG 16	19:10: 6	11.0N	87.0W	19:15:38.0			OFF COAST OF NICARAGUA
AUG 19	14:36:10			14:41:29.0			VIRGIN ISLANDS REGION
AUG 23	15:32:40	43.5N	128.0W	15:39:56.0		6.3	270 KM OFF COAST OF OREGON
AUG 25	22:12:43	52.0N	176.0E	22:24: 1.0	60		RAT ISLANDS, ALUTIAN ISLANDS
AUG 29	14:39:35			14:45: 0.0			240 KM SOUTH OF PANAMA
AUG 29	15:33:56	51.0N	178.5W	15:45: 0.5			ANDREANOF ISLANDS, ALUTIAN IS.
AUG 29				18:23:49.0			NOT LISTED BY USCGGS
SEP 1	17:33: 1	10.0N	84.5W	17:38:38.0			COSTA RICA - 10 DEAD
SEP 3	5:23: 8	19.0N	70.0W	5:27:26.0			DOMINICAN REPUBLIC
SEP 3	12:36:29	14.0N	91.0W	12:41:35.0	100	6.5	GUATEMALA
SEP 5	2: 1:18	37.0N	121.0W	2: 8: 5.5		5.8	SANTA CLARA CO., CALIFORNIA
SEP 6				1:47:23.0			NOT LISTED BY USCGGS
SEP 8	3:11:25	4.0N	77.0W	3:46:14.0			COLOMBIA-PANAMA BORDER
SEP 9	9:41:57	2.0S	100.0P	10: 1:32.0		6.2	NEAR SOUTH COAST OF SUMATRA
SEP 12	6: 9:20	32.5N	30.0E	6:21:57.0		6.7	OFF COAST OF EGYPT - 20 DEAD
SEP 13	2: 0:43	52.0N	176.0W	2:11:33.0	60	5.5	ANDREANOF ISLANDS, ALUTIAN IS.
SEP 15	12:30:27	5.0S	134.5E	12:49:55.0		6.7	OFF COAST OF WEST NEW GUINEA
SEP 21	7:11:52	14.0S	14.5W	7:23:56.0			SOUTH ATLANTIC OCEAN

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
SEP 21	7:50:6	27.0W	112.0W	7:56:50.5			BAJA CALIFORNIA
SEP 22	3:25:3	24.0W	123.0E	3:35:30.0		6.7	OFF EAST COAST OF TAIWAN
SEP 23	15:6:19	27.0W	101.5E	15:25:49.0		6.7	YUNNAN PROVINCE, CHINA
SEP 24	16:50:45	23.0S	68.0W	17:0:46.0	100		NORTHERN CHILE
SEP 25	18:48:13	17.0W	95.5W	18:53:20.0	100		VERACRUZ, MEXICO
SEP 25	18:59:22	6.0W	127.5E	19:18:21.0	100	6.2	OFF EAST COAST OF HINDANAO, PHIL.
SEP 26	8:28:20	15.5W	92.5W	8:33:21.0	200	6.7	CHIAPAS, MEXICO
SEP 28	7:1:42	36.6W	81.4W	7:1:44.5			** ASHE CO., NC-GRAYSON CO., VA
SEP 28	18:9:40	15.0W	97.5W	18:15:22.0		6.0	NEAR COAST OF OAXACA, MEXICO
SEP 30	13:47:37	51.5W	176.5W	13:58:33.0			ANDREANOF ISLANDS FORSHOCK
SEP 30	19:14:24	51.5W	176.5W	19:25:22.0			ANDREANOF ISLANDS, ALEUTIAN IS.
OCT 1	0:12:29	53.5W	170.0E	0:24:17.0			NEAR ISLANDS, ALEUTIAN ISLANDS
OCT 1	10:11:7			10:16:51.0			NEAR COAST OF GUERRERO, MEXICO
OCT 2	16:2:54	5.5W	83.0W	16:9:9.0			SOUTH OF PANAMA
OCT 5	8:57:55	53.5W	161.0E	9:9:59.0		6.0	NEAR EAST COAST OF KANCHATKA
OCT 6	10:55:38			11:1:50.0			NORTH ATLANTIC OCEAN
OCT 6	11:3:16	36.0S	70.0W	11:14:32.0	150	6.5	MENDOZA PROVINCE, ARGENTINA
OCT 9	23:13:32	50.5W	176.0E	23:25:0.0		6.0	RAT ISLANDS, ALEUTIAN ISLANDS
OCT 10	8:57:44	5.0S	153.0E	9:16:48.0		7.1	NEW BRITAIN
OCT 11	4:10:0			4:44:52.0			INDIAN OCEAN, E OF MASCARENE IS.
OCT 13	9:26:49	10.0S	161.0E	9:45:46.0	60	7.0	SOLOMON ISLANDS
OCT 13	21:50:59	12.0W	87.0W	21:56:26.0			NEAR COAST OF NICARAGUA
OCT 14	8:43:0	3.0S	103.5W	8:51:22.0		6.0	PACIFIC OCEAN, W OF GALAPAGOS IS
OCT 19	9:54:43	49.5W	155.0E	10:7:8.0		6.5	NORTHERN KURILE ISLANDS
OCT 21	4:32:3	4.0W	95.0E	4:51:35.0			NEAR NORTHWEST COAST OF SUMATRA
OCT 21	19:2:40	21.0S	179.0W	19:20:33.0	650	6.2	FIJI ISLANDS
OCT 21	23:9:38	0.5S	123.5E	23:29:3.0		6.2	NORTHERN CELEBES
OCT 24	4:10:44	37.0W	122.0W	4:17:33.0		5.4	CONTRA COSTA CO., CALIFORNIA
OCT 25	16:34:23	16.5W	95.5W	16:40:29.0		6.0	OAXACA, MEXICO
OCT 31	1:5:53	52.0W	175.5W	1:16:43.0		5.7	ANDREANOF ISLANDS, ALEUTIAN IS.
NOV 3	12:39:56			12:49:47.0	100		BOLIVIA-CHILE BORDER REGION
NOV 4	22:43:50	33.5S	69.5W	22:55:5.0	100	6.7	MENDOZA PROVINCE, ARGENTINA
NOV 5	7:19:23	24.5W	109.0W	7:25:16.0			SOUTHERN GULF OF CALIFORNIA
NOV 5	8:9:51	24.5W	109.0W	8:14:16.0			GULF OF CALIFORNIA AFTERSHOCK
NOV 10	1:44:4	15.0S	174.0W	1:57:56.0	100	6.7	SAHOA ISLANDS
NOV 10	5:10:20	28.5S	178.5W	5:37:15.0			KERNADEC ISLAND REGION
NOV 10	9:52:4	24.0S	67.0W	9:2:12.0	200		SALTA PROVINCE, ARGENTINA
NOV 11	8:31:11			8:44:18.0			SOUTH ATLANTIC OCEAN
NOV 12	5:32:18	25.5W	34.5E	6:0:30.0			NORTHERN RED SEA
NOV 15	10:6:49	55.5W	155.0W	10:16:15.0		6.2	OFF S COAST OF ALASKA PENINSULA
NOV 17	6:53:27	26.5S	69.0W	7:3:52.0	60	6.7	NORTHERN CHILE
NOV 21	20:25:34	39.4W	118.0W	20:31:52.0		5.5	FALLOW, NEVADA
NOV 22	3:24:0	24.5S	123.0W	3:35:35.0		6.7	EASTERN TUAMOTU ARCHIPELAGO
NOV 23	3:14:36	14.0W	90.0W	3:19:48.0	150		NEAR COAST OF GUATEMALA
NOV 23	6:29:29	50.5W	157.0E	6:41:40.0	70	7.0	NEAR SOUTH COAST OF KANCHATKA
NOV 24	11:10:32	51.0W	157.0E	11:22:47.5			NEAR SOUTH COAST OF KANCHATKA
NOV 27	21:29:5			21:47:30.0	500		BANDA SEA
DEC 6	4:31:0	20.0S	70.0W	4:40:46.0		6.7	NORTHERN CHILE
DEC 12	2:33:0			2:42:38.5			NORTHERN CHILE
DEC 17	6:7:29	33.0W	115.5W	6:23:27.0		5.4	SOUTHERN CALIFORNIA
DEC 24	3:34:40	8.5W	85.0W	3:40:40.0			OFF SOUTH COAST OF COSTA RICA
DEC 29	16:4:45	59.5W	154.0W	16:14:18.0	100		SOUTHERN ALASKA

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1956

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 1	23: 8:28	7.0S	129.0E	23:28: 3.0	150	6.0	TIMOR ISLAND REGION
JAN 3	15:40:55	48.5W	155.0E	15:53:24.5			KURILE ISLANDS
JAN 3	23:24:52	54.5W	163.0W	23:34:48.0			UNIMAK ISLAND, ALEUTIAN ISLANDS
JAN 6	12:15:40	40.5W	26.0E	12:27:46.0			GREECE-TURKEY BORDER
JAN 6	23:32:50			23:38:24.5			GUERRERO, MEXICO
JAN 7	10:15:59	51.0W	179.5W	10:27: 9.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JAN 7	16:41: 4	65.5W	133.5W	16:49: 7.0			YUKON
JAN 8	7:11:26	17.0W	99.5W	7:17: 4.0		6.5	GUERRERO, MEXICO
JAN 8	20:54:13	19.0S	70.0W	21: 3:50.5		7.1	NORTHERN CHILE
JAN 9	17: 1:23	16.0W	92.0W	17: 6:17.5	200		CHIAPAS, MEXICO
JAN 12	4:38: 0	19.0S	70.0W	4:47:38.0			NORTHERN CHILE
JAN 13	3:27:13	57.5W	163.0E	3:39:17.5			NEAR EAST COAST OF KAMCHATKA
JAN 14	18:32:54	8.0W	38.5W	18:41:27.0			NORTH ATLANTIC OCEAN
JAN 16	23:37:37	0.5S	80.5W	23:44:48.0		7.2	NEAR COAST OF ECUADOR
JAN 18	8: 7:17	24.0S	70.0W	8:17:30.5			NORTHERN CHILE
JAN 21	8: 9:33	15.0W	93.0W	8:14:38.0	150		NEAR COAST OF GUATEMALA
JAN 21	17:54:15	21.0S	67.5W	18: 4:29.0	100		SOUTHERN BOLIVIA
JAN 23	3:47:27	55.5W	162.0E	3:59: 5.5	60	6.5	NEAR EAST COAST OF KAMCHATKA
JAN 27	13:38:45	26.0S	176.0W	14: 1:49.0			TONGA ISLANDS REGION
JAN 28	4:52:29	1.0W	27.0W	5: 2:33.5			NORTH MID-ATLANTIC OCEAN
JAN 29	4:44:15	35.6W	89.6W	4:48: 9.0			** TENN-ARK BORDER REGION
JAN 31	9:17:11	4.0S	152.0E	9:35:27.0	400	6.5	NEW IRELAND
FEB 2	14:54:18	16.0W	98.5W	15: 0: 0.0			OFF COAST OF GUERRERO, MEXICO
FEB 2	16:54:32	16.0W	98.5W	17: 0:16.0			OFF COAST OF GUERRERO, MEXICO
FEB 9	14:32:38	31.7W	116.0W	14:38:55.5		6.7	BAJA CALIFORNIA
FEB 9	15:24:26	31.7W	116.0W	15:30:46.0		6.1	BAJA CALIFORNIA AFTERSHOCK
FEB 9	16:29:53	31.6W	115.7W	16:46:21.5		5.8	BAJA CALIFORNIA AFTERSHOCK
FEB 9	18:48:45	31.7W	116.0W	19: 4:58.0		6.0	BAJA CALIFORNIA AFTERSHOCK
FEB 9	23:51:20			23:57:12.0			240 KM OFF COAST GUERRERO, MEX.
FEB 10	18:12:54	31.7W	116.0W	18:29:17.5		6.1	BAJA CALIFORNIA AFTERSHOCK
FEB 11	6:45:38	5.0S	13.5W	6:57:17.0			SOUTH ATLANTIC OCEAN
FEB 12	11:49:20	19.0W	119.5E	12: 8:31.0		6.2	OFF NW COAST OF LUZON, PHIL.
FEB 12	12: 8:45	18.0W	120.0E	12:49:47.0			LUZON AFTERSHOCK
FEB 13	15:33:14	19.0W	66.5W	15:37:51.5	60		OFF NORTH COAST OF PUERTO RICO
FEB 14	18:33:32	31.5W	115.5W	18:39:54.5		6.3	BAJA CALIFORNIA AFTERSHOCK
FEB 15	1:20:36	31.5W	115.5W	1:26:55.5		6.4	BAJA CALIFORNIA AFTERSHOCK
FEB 15	7: 7:47	31.5W	115.5W	7:14: 3.0		5.2	BAJA CALIFORNIA AFTERSHOCK
FEB 15	12:50:12	8.5S	74.5W	12:58: 2.0	150		PERU - 2 DEAD
FEB 17	9:25: 0	31.5W	115.5W	9:41:35.0		4.7	BAJA CALIFORNIA AFTERSHOCK
FEB 17	9:53:55	47.0S	15.0W	10:11:55.0			SOUTH ATLANTIC OCEAN
FEB 18	7:34:20	30.0W	137.5E	7:50:57.0	480	7.2	SOUTH OF HONSHU, JAPAN
FEB 19	2:18: 0	52.0W	131.5W	2:25:39.5		6.7	QUEEN CHARLOTTE ISLANDS
FEB 19	4:13:16	58.5W	154.0W	4:22:30.5			NORTH OF KODIAK ISLAND, ALASKA
FEB 20	13: 6:40			13:18:40.0			NEAR COAST OF OAXACA, MEXICO
FEB 20	20:31:35	40.0W	30.5E	20:43:53.5			TURKEY - 4 DEAD
FEB 23	1:21: 3	31.0W	42.0W	1:27:24.5			NORTH ATLANTIC OCEAN
FEB 27	8:37:58	52.0W	174.0W	8:48:15.0	100		ANDREANOF ISLANDS, ALEUTIAN IS.
FEB 28	11:13:20	23.0S	70.0W	11:23:28.5			NORTHERN CHILE
MAR 2	11:56:20	63.5W	149.5W	12: 5:16.0			ALASKA - FELT IN HICKINLEY PARK
MAR 5	23:29:41	44.5W	144.0E	23:42:50.0		6.5	NEAR N COAST OF HOKKAIDO, JAPAN
MAR 7	21:51:48	9.5W	85.0W	21:57:46.0			NEAR COAST OF COSTA RICA
MAR 9	17:31: 7	1.0W	80.0W	17:38: 4.5			NEAR COAST OF ECUADOR
MAR 10	21:37: 1	0.5W	125.5E	21:56:29.0			MOLUCCA PASSAGE
MAR 13	1:40:29			1:44:41.5			DOMINICAN REPUBLIC
MAR 13	13:13:10	7.0W	82.0W	13:19:14.5		6.7	OFF SOUTH COAST OF PANAMA
MAR 20	10:23:39	19.5W	120.0E	10:45: 0.0			OFF NW COAST OF LUZON, PHIL.
MAR 22	6:33:55	3.5S	79.0W	6:41:18.0	100	6.5	ECUADOR
MAR 23	4: 3: 8	20.0W	64.5W	4: 7:52.0			NORTHEAST OF PUERTO RICO
MAR 25	23:27:31	52.0W	159.0E	23:39:38.5			NEAR SE COAST OF KAMCHATKA
MAR 26	5:21:20	24.5S	68.0W	5:31:21.0	150		NORTHERN CHILE-ARGENTINA BORDER
MAR 31	1:34: 0	20.0W	64.0W	1:38:48.0			NORTHEAST OF PUERTO RICO
APR 2	10:49:56	2.0W	97.0E	11: 9:33.0			OFF COAST OF SUMATRA
APR 5	4: 2: 0	53.0W	150.0E	4:13:59.0			NEAR EAST COAST OF KAMCHATKA
APR 6	7:11:34	36.5W	71.0E	7:29:18.0	200		HINDU KUSH
APR 10	13:16: 4	3.0S	102.0E	13:35:37.0	150	6.5	NEAR SOUTH COAST OF SUMATRA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
APR 13	4:38:53	23.0S	67.0W	4:48:35.5	250		CHILE-ARGENTINA-BOLIVIA BORDER
APR 18	11:0:13	52.0W	178.0W	11:11:17.5		6.0	ANDREANOF ISLANDS, ALUTIAN IS.
APR 18	15:59:0			16:9:36.5	60		NORTHERN CHILE
APR 20	15:15:56	7.5S	129.0E	15:35:12.0	150		BANDA SEA
APR 20	16:37:1			16:56:35.0			INDIAN OCEAN SW OF CHAGOS ISLAND
APR 21	13:53:49			13:59:19.0			OFF SOUTH COAST OF EL SALVADOR
APR 22	17:21:53	54.0W	162.0W	17:31:47.0		6.0	SOUTH OF ALASKA PENINSULA
APR 23	3:31:40	42.5W	144.5E	3:44:50.0		6.5	OFF E COAST OF HOKKAIDO, JAPAN
APR 28	6:35:34	13.5W	140.0E	7:3:21.0	60		MARIANA ISLANDS
MAY 1	2:42:3	4.5S	103.0E	3:1:50.5			NEAR COAST OF SOUTHERN SUMATRA
MAY 5	12:39:15	28.5S	69.0W	12:49:44.0	150		ARGENTINA-CHILE BORDER
MAY 6	20:57:16	54.5W	162.5W	21:7:12.5		5.5	UNIKAK ISLAND REGION, ALUTIAN IS
MAY 7	8:17:3	14.5W	90.5W	8:21:59.0	200		GUATEMALA
MAY 7	10:58:12	46.5S	96.0P	11:19:44.5		6.2	SOUTH INDIAN OCEAN
MAY 15	8:13:2	13.5S	77.0W	8:21:44.5	100		NEAR COAST OF PERU
MAY 15	12:33:19	6.0S	82.0W	12:41:9.0			NEAR COAST OF PERU
MAY 17	5:59:57	16.5S	72.0W	6:9:10.0	60		NEAR COAST OF SOUTHERN PERU
MAY 19	20:2:15	40.0S	43.0E	20:21:43.5		6.2	INDIAN OCEAN
MAY 21	0:29:47			0:39:12.5	100		NORTHERN CHILE
MAY 22	3:1:3	15.5S	173.0W	3:15:2.0		6.5	SAMOA ISLANDS
MAY 22	13:36:12	4.0S	152.5E	13:54:14.0	550	6.2	NEW IRELAND
MAY 23	20:48:30	15.5S	179.0W	21:2:0.0	450	7.2	FIJI ISLANDS
MAY 24	2:27:29			2:42:47.0			GULF OF CALIFORNIA
MAY 26	20:21:14	19.0S	178.5W	20:39:13.0	500	6.2	FIJI ISLANDS
MAY 27	13:9:42			13:23:5.0			NEAR COAST OF NORTHERN SUMATRA
MAY 29	6:29:21	45.0S	103.0E	6:49:0.0	100		NEAR COAST OF SOUTHERN SUMATRA
MAY 29	17:48:26	14.5S	72.5W	17:57:17.0	100		SOUTHERN PERU
MAY 30	15:41:57	23.0S	178.5W	16:0:31.5	350		TONGA ISLANDS REGION
JUN 3	5:19:23	79.5W	118.5W	5:27:53.5			ARCTIC OCEAN
JUN 4	7:9:18	52.0W	170.5W	7:19:52.5		6.2	FOX ISLANDS, ALUTIAN ISLANDS
JUN 5	5:29:47	8.0S	112.0E	5:49:40.0			JAVA
JUN 8	13:53:9	30.0S	70.0W	14:3:46.0	150		ARGENTINA-CHILE BORDER
JUN 9	10:8:32	30.5S	70.5W	10:19:13.0	150	6.7	CENTRAL CHILE
JUN 9	23:13:51	35.5W	67.5E	23:27:51.0		7.2	AFGHANISTAN
JUN 11	8:22:9	52.0W	31.5W	8:29:19.0			NORTH ATLANTIC OCEAN
JUN 11	9:56:10	27.5S	69.0W	10:6:41.0		5.7	NORTHERN CHILE-ARGENTINA BORDER
JUN 11	16:49:45			16:55:21.5			NEAR COAST OF GUERRERO, MEXICO
JUN 12	8:54:2	9.0S	110.0W	9:3:24.5		6.2	EASTERN PACIFIC OCEAN
JUN 12	21:4:52	9.0S	117.5E	21:24:38.0			SUNBANA ISLANDS
JUN 13	12:7:41	0.5S	124.5E	12:26:52.5	200		NEAR COAST OF CELEBES
JUN 16	16:57:37			17:2:30.0	200		CHIAPAS, MEXICO
JUN 19	0:19:8			0:38:59.0			SOUTHERN SUMATRA
JUN 23	2:18:2	56.5W	163.5E	2:29:39.0		6.2	NEAR EAST COAST OF KAMCHATKA
JUN 24	12:55:2	0.0W	0.0W	13:14:9.0		6.0	INDIAN OCEAN, N OF PRINCE ED. IS
JUN 28	22:28:50	49.5W	158.0E	22:41:7.5			KURILE ISLANDS
JUN 28	22:58:50	48.7W	129.5W	23:6:16.0		6.2	OFF COAST OF VANCOUVER ISLAND
JUL 2	14:26:35	8.0S	124.0P	14:46:15.0			SAVOE SEA
JUL 3	15:46:41	13.5W	91.0W	15:52:3.5			NEAR COAST OF GUATEMALA
JUL 4	11:8:28	31.0S	71.0W	11:19:26.0			CENTRAL CHILE
JUL 5	13:1:5	63.5W	151.5W	13:10:7.5			ALASKA
JUL 6	2:22:0	42.5W	126.0W	2:29:11.0		5.0	OFF COAST OF OREGON
JUL 9	3:11:39	37.0W	26.0E	3:23:49.0		7.5	AEGEAN SEA - 42 DEAD
JUL 9	3:24:5	37.0W	26.0E	3:36:30.0			AEGEAN AFTERSHOCK
JUL 9	6:22:49	37.0W	25.5E	6:34:56.0			AEGEAN AFTERSHOCK
JUL 9	9:56:13	20.0W	73.0W	10:0:2.5	100	6.2	NEAR COAST OF HAITI
JUL 10	3:1:27	37.0W	26.0E	3:13:36.0			AEGEAN AFTERSHOCK
JUL 13	13:36:3	27.0S	70.0W	13:46:25.5		100	NORTHERN CHILE
JUL 14	17:9:30	17.0W	45.5W	17:16:32.0			NORTH ATLANTIC OCEAN
JUL 16	9:24:38	55.5W	161.5E	9:36:53.0			NEAR EAST COAST OF KAMCHATKA
JUL 16	15:7:10	22.0W	95.5E	15:26:8.0	100	7.0	CENTRAL BURMA - 30 DEAD
JUL 16	21:34:3	52.0W	178.5W	21:45:2.0			ANDREANOF ISLANDS, ALUTIAN IS.
JUL 17	7:34:7	7.0S	126.5E	7:52:52.5	450	6.7	BANDA SEA
JUL 18	0:27:27	5.0S	151.0P	0:46:31.0			NEW BRITAIN
JUL 19	6:19:15	5.0S	130.5E	6:38:37.0	190	7.0	BANDA SEA
JUL 19	23:26:25	9.5W	84.5W	23:32:9.0		6.0	NEAR COAST OF COSTA RICA
JUL 19	23:38:4	9.5W	85.0W	23:43:53.5			COSTA RICA AFTERSHOCK
JUL 20	7:39:10	20.0S	70.0W	7:48:48.0			NORTHERN CHILE
JUL 21	0:8:31	1.0W	26.0W	0:19:12.0			NORTH MID-ATLANTIC OCEAN

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUL 21	14:51: 6	50.5N	147.5E	15: 2:39.0	600		SEA OF OKHOTSK
JUL 21	15:32:25	23.0N	70.0E	15:52: 0.0		6.0	WESTERN INDIA
JUL 22	3:28:59			3:41: 9.0			AEGEAN SEA AFTERSHOCK
JUL 22	9:25: 8	19.0S	69.0W	9:34:37.0	100	6.0	NORTHERN CHILE
JUL 23	19:25:58	24.0S	102.0W	19:36:56.0		6.2	EASTER ISLAND
JUL 26	9:53:18	39.5N	118.5W	9:59:42.5		5.0	FALLON, NEVADA
JUL 29	7:13:44	9.0S	85.5E	7:33:36.0			EASTERN INDIAN OCEAN
JUL 29	13:28:56	14.5N	90.5W	13:34: 6.0	100		GUATEMALA
JUL 29	13:44:11	14.5N	90.5W	13:49:30.0	100		GUATEMALA AFTERSHOCK
JUL 30	9:15: 0	36.5N	26.0E	9:27:13.5			AEGEAN SEA AFTERSHOCK
AUG 1	6:44: 0	28.5S	71.5W	6:54:41.0			CENTRAL CHILE FORESHOCK
AUG 1	6:57: 9	28.5S	71.5W	7: 7:48.0			CENTRAL CHILE
AUG 1	20:28:26	18.5N	71.0W	20:32:44.0			DOMINICAN REPUBLIC
AUG 2	7:11:20	5.0W	75.5W	7:17:48.0	200		CENTRAL COLOMBIA
AUG 2	7:18:11	43.5N	146.0E	7:31:10.5	60		OFF COAST OF HOKKAIDO, JAPAN
AUG 4	11:22:30			11:30:35.0			160 KM NORTH OF PUERTO RICO
AUG 9	17: 0:57	12.0N	86.0W	17: 6:26.0			OFF COAST OF NICARAGUA
AUG 9	23: 0:42	15.0S	176.0W	23:14:21.0	250	6.5	SAMOA ISLANDS REGION
AUG 10	2:17:11	10.0N	84.5W	2:22:51.0			COSTA RICA
AUG 11	23:54:16	51.5N	175.5E	0:13:51.0	100		BAT ISLANDS, ALEUTIAN ISLANDS
AUG 15	5:20:37	0.0N	101.5E	5:39:43.0	300	6.0	SUMATRA
AUG 15	10:51:19	0.0N	123.0E	11: 8:56.5	150		NORTHERN CELEBES
AUG 15	13:12:10	46.0N	151.0E	13:25: 1.0		6.2	KURILE ISLANDS
AUG 20	5:33:47	7.5N	80.0W	5:39:47.5			SOUTH COAST OF PANAMA
AUG 20	7: 6:20	7.5N	80.0W	7:17: 7.0			PANAMA AFTERSHOCK (E/W)
AUG 20	9:43:50	13.5N	91.5W	9:49:12.5	100		OFF COAST OF GUATEMALA
AUG 23	13:48:30	15.0S	68.0W	13:57:38.0	100	6.2	BOLIVIA
AUG 24	4:27:33	53.0N	172.5E	4:38:57.5		6.5	NEAR ISLANDS, ALEUTIAN ISLANDS
AUG 24	4:50: 0	53.5N	172.5E	5: 1:29.0			NEAR ISLANDS, ALEUTIAN ISLANDS
AUG 25	15:57:43	31.5N	115.5W	16:13:54.5		4.9	BAJA CALIFORNIA
AUG 25	19:33:45	52.5N	172.5E	19:45: 6.0			NEAR ISLANDS, ALEUTIAN ISLANDS
AUG 30	4:24:24	54.0N	164.0W	4:34:23.5		6.0	UNIMAK ISLAND, ALEUTIAN ISLANDS
AUG 30	5:24:53	40.7N	126.4W	5:32: 6.5		5.3	OFF COAST OF NORTHERN CALIFORNIA
SEP 4	7:31:30			7:36:45.5	100		GUATEMALA-EL SALVADOR BORDER
SEP 6	11:46:35			11:58:51.5			DODECANESE ISLANDS REGION
SEP 7	13:36: 1	35.5N	84.0W	13:36:59.5			** EASTERN TENNESSEE
SEP 7				13:50:34.0			** EASTERN TENNESSEE
SEP 10	12:31:54	0.0N	101.5E	12:51: 3.5	250		CENTRAL SUMATRA
SEP 11	9:54:40	14.0N	91.0W	9:59:53.0	100	6.0	GUATEMALA
SEP 11	15:44: 4	17.0S	169.0E	16: 4: 3.0		6.0	NEW HEBRIDES ISLANDS
SEP 11	21: 3:56	49.5N	155.0E	21:16:20.5		6.0	NORTHERN KURILE ISLANDS
SEP 12	19:59:54	49.5N	156.0E	20:12:14.0			KURILE ISLANDS AFTERSHOCK
SEP 15	7:39: 4	20.0S	69.0W	7:48:43.0	100	6.7	NORTHERN CHILE
SEP 16	8:37:22	34.0N	69.5E	9: 2:16.0		6.2	AFGHANISTAN
SEP 17	20:19: 7	5.5N	95.0E	20:41:48.5	150		NEAR SOUTH COAST OF SUMATRA
SEP 21	19:11:59	26.5S	63.0W	19:21:42.0	600		SANTIAGO DEL ESTERO PROV., ARG.
SEP 22	14: 2:24	39.0N	71.0E	14:14: 6.0			TADZHIK S.S.R.
SEP 29	11:31:40	12.0S	78.0W	11:40:28.0			OFF COAST OF PERU
OCT 1	18: 4:40	18.5N	77.0W	18: 8:46.0			JAMAICA
OCT 2	14:56:26	53.0N	159.0E	15: 8:19.5	60	6.2	NEAR SE COAST OF KAMCHATKA
OCT 2	15:53:30	24.0N	109.5W	15:59:30.0			SOUTHERN GULF OF CALIFORNIA
OCT 3	8:18:49	20.0S	69.5W	8:28:18.5	150	6.5	NORTHERN CHILE
OCT 3	20:21:40	41.5N	110.1W	20:31:18.0			SOUTHWESTERN WYOMING
OCT 4	17:15:14			17:20:44.0			320 KM OFF COAST OF CHIAPAS, MEX
OCT 9	10:53:41	25.0N	46.0W	10:59:57.0			NORTH ATLANTIC OCEAN
OCT 9	14:46:18	24.5N	45.5W	14:52:38.0			NORTH ATLANTIC OCEAN
OCT 11	2:24:33	46.0N	150.5E	2:37:10.5	110	7.2	KURILE ISLANDS
OCT 11	16:48:46	40.7N	126.8W	16:55:56.5		6.0	WEST OF FEBDALE, CALIFORNIA
OCT 12	2:37:45	15.0S	75.0W	2:46:46.0	60	6.5	NEAR COAST OF CENTRAL PERU
OCT 13	5: 4:40	9.5N	70.0W	5:10:37.0			WESTERN VENEZUELA
OCT 19	20:47:33	52.0N	177.0E	20:58:37.0		6.7	BAT ISLANDS, ALEUTIAN ISLANDS
OCT 21	8:39:45	25.0N	103.0W	8:57:36.0			SOUTHERN GULF OF CALIFORNIA
OCT 23	4:24:52			4:30:39.0			OFF COAST OF EL SALVADOR
OCT 23	8: 7:35	3.0N	95.0W	8:14:40.0		5.7	NORTHWEST OF GALAPAGOS ISLANDS
OCT 23	8:41:22	13.5N	120.5E	9: 0:19.0	100		HINDORO, PHILIPPINE ISLANDS
OCT 24	14:42:10	12.0N	86.5W	14:47:40.0		7.0	NEAR COAST OF NICARAGUA
OCT 25	5:21:40	12.0N	87.0W	5:27: 9.0		6.0	NICARAGUA AFTERSHOCK
OCT 27	15:33: 8	12.0N	86.0W	15:38:19.0	200	5.7	NEAR COAST OF NICARAGUA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
OCT 28	3:20:41	32.0S	179.0W	3:48:39.0		6.7	KERMADEC ISLANDS
OCT 29	15:42:8	8.5S	77.0W	15:50:16.0	60		CENTRAL PERU
OCT 31	14:3:38	27.0W	54.5E	14:21:57.5		6.7	SOUTHERN IRAN
NOV 2	16:4:30	39.0N	23.0E	16:16:22.0			NEAR EAST COAST OF GREECE
NOV 6	23:14:20	52.0N	176.0W	23:25:5.5			ANDREANOF ISLANDS, ALEUTIAN IS.
NOV 9	13:6:10	17.0N	94.0W	13:11:8.0	150	6.0	SOUTHERN MEXICO - GOOD RECORD
NOV 10	0:8:27	10.5N	86.0W	0:13:57.0	100	6.0	NEAR COAST OF COSTA RICA
NOV 11	19:15:20	44.0N	149.0E	19:28:20.0			KURILE ISLANDS
NOV 14	14:8:41	51.5N	173.0W	14:19:26.5		6.0	ANDREANOF ISLANDS, ALEUTIAN IS.
NOV 16	11:53:54	8.5N	71.0W	11:59:56.0			NORTHWESTERN VENEZUELA
NOV 17	20:27:15	54.5N	134.0W	20:35:9.5		6.5	QUEEN CHARLOTTE ISLANDS
NOV 24	1:56:6	22.5S	67.0W	2:5:58.5	150		ARGENTINA-BOLIVIA BORDER
NOV 25	14:14:57	17.0S	71.5W	14:24:25.0	100		NEAR COAST OF SOUTHERN PERU
NOV 26	4:12:44	37.1N	90.6W	4:17:30.0			** WAYNE COUNTY, MISSOURI
NOV 26	18:49:56	26.0S	70.5W	19:0:7.0	100		NORTHERN CHILE
NOV 28	19:27:11	49.5N	155.0E	19:39:38.0		6.7	NORTHERN KURILE ISLANDS
NOV 29	9:15:20	27.0N	141.0E	9:34:13.5		6.7	BONIN ISLANDS
NOV 30	19:30:34	31.5S	70.0W	19:41:19.5	150		SAN JUAN PROVINCE, ARGENTINA
DEC 2	1:45:48	18.5N	69.0W	1:50:30.0			NEAR E COAST DOMINICAN REPUBLIC
DEC 2	2:59:56	52.5N	169.0W	3:10:25.0			FOX IS. FORBESHOEK, ALEUTIAN IS.
DEC 3	7:20:8	53.0N	169.0W	7:30:30.5		6.5	FOX ISLANDS, ALEUTIAN ISLANDS
DEC 4	10:7:54	45.5S	106.0W	10:20:31.5		6.0	SOUTH PACIFIC OCEAN
DEC 4	10:42:10	53.0N	169.0W	10:52:30.5			FOX IS. AFTERSHOEK, ALEUTIAN IS.
DEC 4	23:1:35	15.0N	92.0W	23:6:30.0	150	6.0	GUATEMALA
DEC 7	14:30:33			14:50:9.5	100		NEAR SOUTHEASTERN SUMATRA
DEC 8	16:10:27	51.0N	179.0W	16:21:30.2		6.5	ANDREANOF ISLANDS, ALEUTIAN IS.
DEC 10	23:15:0			23:25:12.0			CHILE-ARGENTINA BORDER
DEC 16	1:41:52	6.5N	78.0W	1:47:59.0		6.2	NEAR WEST COAST OF COLOMBIA
DEC 18	2:31:0	25.5S	60.5W	2:41:23.5		6.7	CHILE-ARGENTINA BORDER
DEC 19	1:18:10	51.5N	157.0E	1:30:21.5			SOUTHERN KANCHATKA
DEC 20	21:13:40	4.5S	101.5E	21:33:25.0			NEAR WEST COAST OF SUMATRA
DEC 21	8:58:53	51.0N	131.0W	9:6:27.0		6.5	QUEEN CHARLOTTE ISLANDS
DEC 25	9:33:37	48.5N	28.0W	9:41:9.0		6.5	NORTH ATLANTIC OCEAN
DEC 27	0:14:11	23.5S	177.0W	0:28:46.0	300	7.0	TONGA ISLANDS REGION
DEC 28	14:24:40	39.0S	177.5E	14:44:2.5	150	6.2	NEAR COAST OF NORTH ISLAND, N.Z.
DEC 28	19:21:30	21.0N	109.0W	19:27:46.0			OFF S COAST OF BAJA CALIFORNIA

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1957

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 1	0:56:40	53.5N	159.0E	1: 8:20.0	150		OFF EAST COAST OF KAMCHATKA
JAN 2	0:39:22	53.0N	168.5W	0:49:44.0		6.5	FOX ISLANDS, ALEUTIAN ISLANDS
JAN 2	2:17:35	52.5N	168.0W	2:28: 0.0		6.7	FOX ISLANDS, ALEUTIAN ISLANDS
JAN 2	3:12:52	53.0N	168.0W	3:23:13.0		6.5	FOX ISLANDS, ALEUTIAN ISLANDS
JAN 2	3:48:44	53.0N	168.0W	3:59:10.5		7.0	FOX ISLANDS, ALEUTIAN ISLANDS
JAN 2	4: 3:26	52.5N	169.0W	4:13:56.0			FOX ISLANDS AFTERSHOCK
JAN 2	10:49:32	52.5N	168.0W	10:59:54.0		6.5	FOX ISLANDS AFTERSHOCK
JAN 2	12:47: 7	53.0N	168.0W	12:57:29.0			FOX ISLANDS AFTERSHOCK
JAN 3	0:41: 2	53.0N	168.0W	0:51:17.5			FOX ISLANDS AFTERSHOCK
JAN 3	2:42: 0	20.0S	69.0W	2:52: 7.5	100		OFF COAST OF NORTHERN CHILE
JAN 3	12:48:27	44.0N	130.0E	13: 3: 4.0	600	7.0	SOUTHERN HANCHOBIA
JAN 8	1:20:15			1:39:59.5			FORESHOCK OFF W COAST OF SUMATRA
JAN 8	5:22:26	2.0S	99.0E	5:42: 8.5			OFF WEST COAST OF SUMATRA
JAN 9	7:52:56	53.0N	167.5W	8: 3:16.5		6.2	FOX ISLANDS AFTERSHOCK
JAN 14	5:36: 3	20.0S	69.0W	5:45:30.0	200		TARAPACA PROVINCE, CHILE
JAN 15	4: 9:15	2.0S	76.5W	4:16:27.0	100		ECUADOR
JAN 15	21:40:26	11.0N	86.5W	21:45:57.0			NEAR COAST OF NICARAGUA
JAN 15	22:54: 5			23: 4:55.0			SOUTHERN CATANBARCA PROV., ARG.
JAN 25	3:36:47	51.5N	177.0W	3:47:46.0		6.0	ANDREANOF ISLANDS, ALEUTIAN IS.
JAN 26	16:30:48	42.5N	42.0E	16:43:24.0			GEORGIA S.S.R.
JAN 28	18:25:27	22.5S	71.5W	18:35:23.0			NEAR COAST OF NORTHERN CHILE
JAN 29	15:17:30			15:30: 5.0			GEORGIA S.S.R. AFTERSHOCK
JAN 29	23:59:46	12.0N	86.5W	0: 5:14.0			NEAR COAST OF NICARAGUA
FEB 3	17: 1:47	53.5N	159.0E	17:13:46.0			KAMCHATKA FORESHOCK
FEB 3	17:24:50	53.5N	159.0E	17:36:47.0		6.5	EASTERN KAMCHATKA
FEB 3	22:58:24	53.5N	159.0E	23:10:21.5			KAMCHATKA AFTERSHOCK
FEB 4	9: 1:52	10.0N	84.0W	9: 7:28.5	150		COSTA RICA
FEB 4	10:28:27	51.0N	160.5E	10:40:32.0			200 KM OFF S COAST OF KAMCHATKA
FEB 5	4:51:20	25.5N	45.5W	4:57:39.5		6.0	NORTH MID-ATLANTIC OCEAN
FEB 6	13: 6:13	2.0N	91.0W	13:13:10.0		6.0	GALAPAGOS ISLANDS REGION
FEB 6	13: 7:30	2.0N	91.0W	13:14:14.0		6.0	GALAPAGOS ISLANDS AFTERSHOCK
FEB 7	9: 2:23			9:13:31.0			CORDOBA PROVINCE, ARGENTINA
FEB 7	16:17: 9	52.5N	175.0W	16:27:28.0	60		ANDREANOF ISLANDS, ALEUTIAN IS.
FEB 9	7:23:18	7.5N	83.0W	7:29:20.0			OFF SOUTH COAST OF PANAMA
FEB 9	16:38: 7	41.2N	126.3W	16:45:18.0		5.4	NEAR COAST OF NORTHERN CALIF.
FEB 9	17:38:25	41.2N	127.3W	17:45:36.5		4.7	NORTHERN CALIFORNIA AFTERSHOCK
FEB 10	5:47:59	35.5N	35.0W	5:55:14.0		5.7	AZORES ISLANDS REGION
FEB 10	22:32:15	10.0N	126.0E	22:51:27.0		6.5	HINDANAO, PHIL. IS. FORESHOCK
FEB 10	22:50:52	10.5N	126.5E	23:10: 2.0		6.7	HINDANAO, PHILIPPINE ISLANDS
FEB 16	14:12:30	5.5S	110.0E	14:31:19.5	550		JAVA SEA
FEB 17	15:46:45	16.0N	96.5W	15:52: 6.0	60	5.7	OAXACA, MEXICO
FEB 18	14:49:30	25.5N	45.5W	14:55:48.0		6.2	NORTH MID-ATLANTIC OCEAN
FEB 18	23:49:52	11.5S	78.0W	23:58:17.0	100	6.2	NEAR COAST OF PEBU
FEB 19	7:43:54	36.5N	22.0E	7:55:56.0			NEAR SOUTH COAST OF GREECE
FEB 20	21:58:23	2.0N	97.0E	22:17:57.5			NEAR COAST OF SUMATRA
FEB 21	14:30: 6	53.0N	171.0W	14:40:29.5	100	6.7	FOX ISLANDS, ALEUTIAN ISLANDS
FEB 23	20:26:12	24.0N	122.0E	20:44:33.0		7.0	TAIWAN - 11 DEAD
MAR 2	0:27:33	18.5N	76.0W	0:31:36.5		6.7	JAMAICA - 3 DEAD
MAR 3	3:18:23	8.0N	103.0W	3:25:22.5		5.7	OFF COAST OF MEXICO
MAR 9	14:22:27	51.3N	175.8W	14:33:27.5		8.0	ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 9	19:37:31	51.0N	173.0W	19:48:16.0			ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 9	20:22: 2	52.0N	169.5W	20:32:26.0			FOX ISLANDS, ALEUTIAN ISLANDS
MAR 9	20:39:15	52.3N	169.0W	20:49:41.5		6.7	FOX ISLANDS, ALEUTIAN ISLANDS
MAR 9	21:56:24	53.0N	168.0W				FOX ISLANDS, ALEUTIAN ISLANDS
MAR 9	22:59:26	51.5N	171.0W				FOX ISLANDS, ALEUTIAN ISLANDS
MAR 10	3: 6: 2	51.6N	174.4W			6.5	ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	3: 8:55	51.5N	174.0W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	5:33:27	52.0N	174.0W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	7:23:18	52.0N	176.0W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	11:20:50	52.2N	170.5W				FOX ISLANDS, ALEUTIAN ISLANDS
MAR 10	12:12:18						ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	12:36: 4	51.0N	171.0W				FOX ISLANDS, ALEUTIAN ISLANDS
MAR 10	12:45:31	51.0N	177.0W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	13:10:13	50.9N	179.9W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	13:24:30	51.1N	178.5W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	15:26:23	51.5N	173.6W			6.7	ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	16:37:45	51.5N	173.5W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	19:14:30	51.0N	177.0W				ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 10	19:40:55	52.0N	173.0W				ANDREANOF ISLANDS, ALEUTIAN IS.

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAR 10	23:56:50	53.0N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 11	0: 8: 7	52.0N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 11	1:50:53	50.5N	170.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 11	3:12:41	50.9N	176.0W			6.7	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	3:35: 0	51.5N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	4: 5: 9	51.0N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	7: 8: 0	51.0N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	7:39: 5	51.5N	178.5W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	8:37:15	53.0N	168.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 11	8:42:48	50.5N	178.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	9:58:42	52.5N	169.2W			6.7	FOX ISLANDS, ALUTIAN ISLANDS
MAR 11	12: 9:10	2.0N	97.0E				OFF COAST OF SUMATRA
MAR 11	14:55:19	51.5N	178.4W			6.7	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	15:35:58	51.1N	179.0W			6.5	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	23:32: 3	52.0N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 12	0:39:50	19.0S	175.5W		100		TONGA ISLANDS REGION
MAR 12	2:22:60	53.4N	170.7W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 12	5:12: 8	52.5N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 12	7:28:48	51.7N	174.1W			6.2	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 12	7:39:17	51.0N	178.2W			6.2	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 12	8: 3:14	51.2N	177.2W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 12	11:44:50	51.4N	177.7W			7.0	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 12	12:46:13	52.6N	168.7W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 12	17: 0:21	51.5N	175.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 12	18:25:18	51.0N	178.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 12	20: 0:30	54.0N	165.0W				NEAR UMIKAK ISLAND, ALUTIAN IS.
MAR 12	21:23: 4	1.5S	79.5W		150		ECUADOR
MAR 12	23:45:25	52.0N	174.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	2:48:20	51.7N	171.2W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	3:32:58	51.4N	175.3W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	9: 9:35	52.3N	170.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 13	11:37:49	51.0N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	11:57:58	52.0N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	12:42:35	51.5N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	15:42: 5	51.3N	178.5W			6.7	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	17:43:40	51.0N	175.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 13	19:59:24	53.9N	165.6W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 14	0:35:38	51.0N	178.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 14	1:52:16	52.5N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 14	2:46:55	53.5N	163.5W				S OF UMIKAK ISLAND, ALUTIAN IS.
MAR 14	14:47:45	51.2N	177.4W			7.2	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 14	15:51: 0	51.5N	177.5W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 14	17: 6:21	51.0N	178.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 14	22:18:23	51.5N	176.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 15	2:52: 8	53.0N	167.0W			6.5	FOX ISLANDS, ALUTIAN ISLANDS
MAR 15	4:12:56	51.0N	176.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 15	11:57:28	51.0N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 15	22:13:25	51.5N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 16	2:13:23	51.5N	175.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 16	2:34:12	52.0N	179.0W			6.7	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 16	9:30:36	51.0N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 17	1:46:56	51.0N	180.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 17	2:48:36	51.0N	178.5W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 17	7: 4:40	52.5N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 17	7:53:51	51.0N	179.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 17	15:11:42	53.0N	167.5W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 17	16:17:13	52.5N	166.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 17	22:44:44	54.0N	166.0W			6.5	FOX ISLANDS, ALUTIAN ISLANDS
MAR 18	0:12:10	51.0N	179.5W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 18	2:24:39	52.5N	171.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 18	2:25:26	52.5N	171.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 18	5: 8:34	51.5N	179.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 19	3:39:35	52.0N	175.5W	3:50:25.0			ANDREANOF ISLANDS, ALUTIAN IS.
MAR 19	8:14:10	53.0N	168.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 19	11:28:50	51.5N	176.5W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 19	12:50:51	51.5N	175.0W			6.7	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 19	15:47:24	52.0N	172.5W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 19	17: 4:25	52.5N	171.0W	17:15: 3.0			FOX ISLANDS, ALUTIAN ISLANDS
MAR 20	0: 0:51	52.0N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 20	0:22:25	53.0N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 20	3:25: 0	51.5N	175.5W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 20	11: 1:42	52.0N	172.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 21	8:44:46	14.5N	93.0W				NEAR COAST OF CHIAPAS, MEXICO
MAR 21	12:31:30	52.0N	171.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 21	16:35:28	3.0S	184.5E				NEAR NORTH COAST OF NEW GUINEA
MAR 21	17:39:12	51.5N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 22	14:21: 6	54.0N	166.0W			7.0	FOX ISLANDS, ALUTIAN ISLANDS
MAR 23	5:12:31	5.5S	131.0E		100	7.0	BANDA SEA
MAR 24	8:22:23	51.0N	130.0W			6.0	NEAR NORTH COAST OF VANCOUVER I.
MAR 24	11: 6:10	52.5N	169.5W				FOX ISLANDS, ALUTIAN ISLANDS

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	SAC	GEOGRAPHIC LOCATION
MAR 24	11:36:50	52.5N	171.5W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 26	3: 4:55	51.5N	170.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 28	20: 8:20	51.0N	171.5W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 29	5:10:20	53.5N	167.0W			6.5	FOX ISLANDS, ALUTIAN ISLANDS
MAR 29	5:37:50	4.0N	127.0E				TALAUD ISLANDS
MAR 29	7:25:50	53.5N	167.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAR 29	22:49:51	53.0N	169.0W			6.0	FOX ISLANDS, ALUTIAN ISLANDS
MAR 30	9:17: 0	52.0N	175.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 31	10: 8:28	51.5N	170.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAR 31	2:22:40				100		NEAR COAST OF NORTHERN CHILE
APR 2	0:39:42	51.0N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 2	20:16:57	51.5N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 2	21:27:54	51.0N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 4	0:13: 8	50.0N	155.5W		150		NEAR COAST OF ALASKA PENINSULA
APR 5	16:12:20	12.5N	80.0W	16:17:35.0	100		NEAR COAST OF NICARAGUA
APR 8	0: 6:37	52.0N	175.5W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 8	20:18: 9	8.5N	83.0W	20:23:59.0		6.5	PANAMA-COSTA RICA BORDER REGION
APR 10	3:25:21	53.2N	160.0W				FOX ISLANDS, ALUTIAN ISLANDS
APR 10	5:12: 8	15.5N	90.0W			6.5	NEAR COAST OF OAXACA, MEXICO
APR 10	7:28: 3	14.0N	91.5W				GUATEMALA
APR 10	9: 9:18	51.0N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 10	11:29:50	56.0N	154.0W	11:38:40.5		7.0	KODIAK ISLAND, ALASKA
APR 11	17:40:45	52.0N	160.5W				FOX ISLANDS, ALUTIAN ISLANDS
APR 14	8:24:51	20.0N	73.0W				WINDWARD PASSAGE
APR 14	19:17:57	15.5S	173.0W			7.5	SAROA ISLANDS - FELT IN APIA
APR 14	20:59: 0	50.5N	179.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 15	10:38:37	51.5N	179.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 15	21:33: 5	52.5N	167.0W				FOX ISLANDS, ALUTIAN ISLANDS
APR 16	4: 4: 4	4.5S	107.5E		600	7.5	WESTERN JAVA SEA
APR 17	9:27:54	52.5N	171.0W				FOX ISLANDS, ALUTIAN ISLANDS
APR 17	13:24:50	52.5N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
APR 17	18: 9:26	14.5N	92.0W				MEXICO-GUATEMALA BORDER
APR 18	0:16:17	52.0N	171.0W				FOX ISLANDS, ALUTIAN ISLANDS
APR 18	7: 0: 3	52.0N	176.5W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 19	15:44:53	51.5N	160.5W				FOX ISLANDS, ALUTIAN ISLANDS
APR 19	22:19:26	52.0N	166.5W			7.0	FOX ISLANDS, ALUTIAN ISLANDS
APR 20	19:54:24	51.0N	177.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 21	21:12:26	7.0N	72.0W			6.5	COLONBIA-VENEZUELA BORDER
APR 21	23:17:52	52.0N	176.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 23	9:23:39	34.5N	86.7W	9:26:31.0		**	NORTHERN ALABAMA
APR 23	21:58:35	27.0S	60.0W				NORTHERN CHILE-ARGENTINA BORDER
APR 24	19:10: 5	36.0N	28.5E	19:22:26.0			TURKEY FORESHOCK
APR 25	2:25:36	36.5N	29.0E			7.0	NEAR SOUTH COAST OF TURKEY
APR 25	7:15:15	52.0N	173.5W	7:26: 0.0			ANDREANOF ISLANDS, ALUTIAN IS.
APR 25	11: 6: 2	1.5N	126.0E	11:25:32.0			HOLUCCA PASSAGE
APR 25	14: 7:58	60.5N	145.0W				NEAR SOUTH COAST OF ALASKA
APR 25	17:45:14	51.5N	180.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 25	21:57:39	33.2N	115.9W	22:12:41.0		5.2	IMPERIAL COUNTY, CALIFORNIA
APR 25	22:24:12	33.2N	115.9W	22:39:50.0		5.1	IMPERIAL COUNTY, CALIFORNIA
APR 26	6:33:32	36.5N	29.0E				TURKEY AFTERSHOCK
APR 27	2:39:24	53.0N	166.0W	2:49:35.0			FOX ISLANDS, ALUTIAN ISLANDS
APR 28	1:23:40	7.0N	127.0E	1:42:56.5			OFF MINDANAO, PHILIPPINE ISLANDS
APR 28	14:48:52	52.5N	168.5W				FOX ISLANDS, ALUTIAN ISLANDS
APR 28	20: 3:42	50.5N	178.0W				ANDREANOF ISLANDS, ALUTIAN IS.
APR 29	4:30: 4	52.5N	168.5W				FOX ISLANDS, ALUTIAN ISLANDS
APR 29	10:11:53	22.0S	66.0W		200		ARGENTINA-BOLIVIA BORDER
APR 29	20:55:57	9.0S	107.0E				OFF SOUTH COAST OF JAVA
MAY 1	23:28: 9	52.5N	171.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAY 2	3:55:34	72.0N	67.5W			6.0	BAPPIN BAY
MAY 2	11:29:13	52.5N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAY 2	11:38:52	52.5N	169.0W				FOX ISLANDS, ALUTIAN ISLANDS
MAY 2	21:36:25	7.5S	120.0E		600		FLORES SEA
MAY 3	7:10:25	51.0N	179.5E				RAT ISLANDS, ALUTIAN ISLANDS
MAY 6	11:18:15	52.0N	173.0W				ANDREANOF ISLANDS, ALUTIAN IS.
MAY 7	5:36:32	51.5N	179.5E				RAT ISLANDS, ALUTIAN ISLANDS
MAY 12	11:29: 7	8.5S	107.5E				NEAR SOUTH COAST OF JAVA
MAY 14	14:24:50	35.7N	82.0W	14:25:31.0		**	WESTERN NORTH CAROLINA
MAY 15	2:11: 5	17.5N	93.5W		100		CHIAPAS, MEXICO
MAY 16	14:54:33	28.0S	66.0W		100		CATANBARCA PROVINCE, ARGENTINA
MAY 18	5:24: 1	51.0N	171.0W		100		FOX ISLANDS, ALUTIAN ISLANDS
MAY 19	21: 0:36	12.0N	87.0W		100		NEAR COAST OF NICARAGUA
MAY 19	22:41: 3	8.0S	74.0W		200		PERU

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
HAY 20	1:50:54	51.0N	180.0W				ANDREANOF ISLANDS, ALEUTIAN IS.
HAY 21	1:11:58	21.5N	144.0E		100	7.0	MARIANA ISLANDS REGION
HAY 21	11:44:4	38.5N	14.0E				NEAR NORTH COAST OF SICILY
HAY 22	13:29:44	50.0N	177.0W			6.5	ANDREANOF ISLANDS, ALEUTIAN IS.
HAY 24	2:37:37	3.0N	76.5W			6.5	COLOMBIA
HAY 24	3:36:33	53.0N	167.5W			6.0	FOX ISLANDS, ALEUTIAN ISLANDS
HAY 25	14:23:37	25.5S	65.0W				SALTA PROVINCE, ARGENTINA
HAY 26	6:33:31	41.0N	31.0E			7.0	BOLU PROVINCE, TURKEY - 53 DEAD
HAY 26	9:36:33	41.0N	31.0E				TURKEY AFTERSHOCK
HAY 27	11:1:26	40.5N	31.0E				TURKEY AFTERSHOCK
HAY 28	1:19:26	53.0N	169.0W				FOX ISLANDS, ALEUTIAN ISLANDS
HAY 31	2:16:27	27.5S	63.0W		600	6.2	SANTIAGO DEL ESTERO PROV., ARG.
HAY 31	21:57:46	3.5N	77.0W		100		NEAR COAST OF COLOMBIA
HAY 31	22:17:10	51.0N	179.5W				ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 1	19:35:8	1.0N	91.0W	19:42:16.5			GALAPAGOS ISLANDS
JUN 4	17:5:2	17.5S	178.0W	17:23:7.5	550	6.2	FIJI ISLANDS
JUN 4	20:18:5			20:37:49.0			CENTRAL SUMATRA
JUN 5	7:16:17	52.5N	35.0W	7:23:14.0			NORTH ATLANTIC OCEAN
JUN 5	13:57:42	53.0N	162.5E	14:9:35.5			OFF EAST COAST OF KANCHAKA
JUN 6	3:30:22	52.0N	178.0W	3:41:24.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 6	5:38:27	52.0N	171.5W	5:49:3.5			FOX ISLANDS, ALEUTIAN ISLANDS
JUN 11	23:53:57	52.0N	176.0W				ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 12	8:28:34	41.5N	142.5E	8:41:52.5			NEAR S COAST OF HOKKAIDO, JAPAN
JUN 13	10:40:38	51.5N	175.0W	10:51:29.5		6.7	ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 13	20:21:42	3.0S	102.5E	20:41:4.0	150		CENTRAL SUMATRA
JUN 14	6:24:20	52.0N	175.5W	6:35:12.5		6.2	ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 15	0:44:15	34.0S	56.0E	1:3:49.0		6.0	INDIAN OCEAN
JUN 15	18:18:20	52.0N	171.0W	18:28:53.0		6.0	FOX ISLANDS, ALEUTIAN ISLANDS
JUN 17	7:32:25	52.0N	174.5W	7:43:14.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 18	2:12:12	14.5N	96.0E	2:31:25.5			GULF OF NABTADAN, BURMA
JUN 19	8:1:30	16.5S	176.5E	8:20:37.0		6.5	FIJI ISLANDS
JUN 22	6:19:6	16.0N	94.0W	6:24:20.5		6.5	NEAR COAST OF CHIAPAS, MEXICO
JUN 22	19:22:22	16.0N	45.5W	19:29:28.0			NORTH MID-ATLANTIC OCEAN
JUN 22	23:50:23	1.5S	137.0E			7.0	NEAR NORTH COAST OF NEW GUINEA
JUN 23	3:27:2	58.5N	137.0W	3:35:10.0		5.5	NEAR COAST OF SE ALASKA
JUN 23	6:34:18	36.5N	84.5W	6:35:29.5			** EAST CENTRAL TENNESSEE
JUN 24	9:49:47	16.0N	94.0W	9:55:2.0			MEXICO AFTERSHOCK
JUN 26	2:47:36	7.5S	85.5E	3:7:24.5			INDIAN OCEAN, E OF CHAGOS ARCH.
JUN 27	0:9:28	56.5N	116.0E	0:22:19.0		7.5	NORTHEAST OF LAKE BAIKAL, USSR
JUN 29	7:48:18	51.5N	166.0W	7:58:34.0			FOX ISLANDS, ALEUTIAN ISLANDS
JUL 1	19:30:16	25.0N	94.0E	19:48:30.0			INDIA-BURMA BORDER
JUL 2	0:42:23	36.0N	53.0E	0:55:49.0		7.1	NORTHERN IRAN - 2000 DEAD
JUL 2	9:33:1	35.5N	82.5W	9:33:40.5			** WESTERN NORTH CAROLINA
JUL 3	12:24:37	50.5N	179.0W	12:36:47.5		5.7	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 4	8:29:1	4.0S	102.0E	8:48:36.5	100		NEAR SOUTH COAST OF SUMATRA
JUL 7	16:11:15	6.5S	156.0E	16:30:12.5		6.0	SOLOMON ISLANDS
JUL 8	15:30:33	14.5N	91.0W	15:35:40.0	150	6.0	GUATEMALA
JUL 9	9:59:9	6.0S	140.0E	10:17:54.0	60		NEAR SOUTH COAST OF SUMATRA
JUL 10	4:42:48	52.5N	170.0W	4:53:21.5			FOX ISLANDS, ALEUTIAN ISLANDS
JUL 10	9:4:8	8.0N	82.5W	9:10:6.0		6.5	NEAR COAST OF PANAMA
JUL 13	0:59:28	52.0N	169.5W	1:9:58.0			FOX ISLANDS, ALEUTIAN ISLANDS
JUL 14	2:26:54	46.0N	151.5E	2:39:39.0			KURILE ISLANDS
JUL 14	6:23:52	27.0S	178.0W	6:41:14.5	150	7.0	KERNADEC ISLANDS REGION
JUL 14	8:10:45	30.0S	177.0W	8:30:19.5		6.7	KERNADEC ISLANDS
JUL 17	5:12:53	24.5S	69.0W	5:23:11.5			NORTHERN CHILE
JUL 17	11:10:17	11.5S	166.5E	11:30:0.5	100	6.2	SANTA CRUZ ISLANDS
JUL 17	18:39:57	1.0S	13.0W	18:51:19.0			SOUTH MID-ATLANTIC OCEAN
JUL 18	1:14:52	53.0N	169.0W	1:25:17.0			FOX ISLANDS, ALEUTIAN ISLANDS
JUL 18	1:19:52	53.0N	170.0W	1:30:23.0			FOX ISLANDS, ALEUTIAN ISLANDS
JUL 21	6:4:11	14.5N	92.0W	6:9:25.5	100	5.7	NEAR COAST OF GUATEMALA
JUL 22	6:16:52	33.5S	178.0W	6:36:44.5			KERNADEC ISLANDS REGION
JUL 23	0:45:12	52.0N	177.0W	0:56:10.5		6.2	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 24	1:57:25	30.0S	70.5W	2:8:11.0		6.5	CENTRAL CHILE-ARGENTINA BORDER
JUL 24	10:47:44	27.0S	66.0W	10:58:5.5	150		CATANARCA PROVINCE, ARGENTINA
JUL 25	7:42:25	51.0N	177.0W	7:53:23.0		6.2	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 27	6:49:0	14.5N	91.5W	6:54:16.0			GUATEMALA
JUL 28	8:40:1	16.5N	99.0W	8:45:40.5		7.2	GURREBO, MEXICO - 68 DEAD
JUL 28	13:34:20	17.5N	99.0W	13:39:55.5			MEXICO AFTERSHOCK
JUL 29	0:11:20	17.0N	99.0W	0:16:59.5			MEXICO AFTERSHOCK
JUL 29	17:15:14	23.5S	71.5W	17:25:21.0		6.7	NEAR COAST OF CHILE
JUL 31	7:32:39	6.5S	105.0E	7:52:26.0	100		SUNDA STRAIT

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
AUG 1	16:18:48	52.0N	170.0W	16:29:20.0			FOX ISLANDS, ALUTIAN ISLANDS
AUG 1	22:13:40	16.0N	97.0W	22:19:19.0			NEAR COAST OF MEXICO
AUG 3	6:43:40	7.0S	103.0E	7: 3:34.5			OFF SOUTH COAST OF SUMATRA
AUG 4	6: 6:36	17.0N	100.0W	6:12:15.5		6.2	MEXICO AFTERSHOCK
AUG 4	11:28:24	17.0N	99.5W	11:34: 5.0		6.2	MEXICO AFTERSHOCK
AUG 4	14:16:18	17.0N	99.5W	14:21:55.0		6.2	MEXICO AFTERSHOCK
AUG 5	17:34:54	16.0N	96.0W	17:40:17.0	100		NEAR COAST OF OAXACA, MEXICO
AUG 8	22:33: 2	7.5S	13.0W	22:44:51.5			ASCENSION ISLAND REGION
AUG 9	2:29:20	2.0S	137.0E	2:48:39.0			NEW GUINEA
AUG 11	21:38: 5	17.5S	169.0E	21:56:58.5		6.7	NEW HEBRIDES ISLANDS
AUG 15	8:32:56	10.0N	80.0W	8:38:33.5			NEAR NORTH COAST OF PANAMA
AUG 16	23:31:55	10.5N	104.0W	23:38:42.5		6.5	PACIFIC OCEAN
AUG 18	21:42:30	50.0N	157.0E	21:54:48.0		6.5	NORTH KURILE ISLANDS
AUG 26	11:28:50	19.0S	63.0W	11:38:35.0		6.2	SOUTHERN BOLIVIA
AUG 26	13:58:48	2.0S	81.0W	14: 5: 4.5		6.0	NEAR COAST OF ECUADOR
AUG 28	23:22:22	21.5S	69.0W	23:31:18.0			NORTHERN CHILE
SEP 2	14:20:13	51.5N	168.0W	14:29:34.0			FOX ISLANDS, ALUTIAN ISLANDS
SEP 6	0:17:55	20.0S	68.0W	0:26:29.0	100		CHILE-BOLIVIA BORDER
SEP 6	4:54:37	51.0N	177.0W	5: 4:39.5			ANDREANOF ISLANDS, ALUTIAN IS.
SEP 7	6:48:36	50.0N	156.0E	6:59:53.0			NORTHERN KURILE ISLANDS
SEP 7	10: 6:47	51.5N	178.5W	10:16:48.5			ANDREANOF ISLANDS, ALUTIAN IS.
SEP 12	0:28: 2	17.5N	85.0W	0:31:34.5			160 KM NORTH OF HONDURAS
SEP 12	4: 1:24	15.5N	98.5W	4: 6: 4.5	60		OFF COAST OF GUERRERO, MEXICO
SEP 14	17: 6:49	1.5S	80.5W	17:13: 7.5			NEAR COAST OF ECUADOR
SEP 15	4:22:34	5.5S	108.0E	4:40:47.0	300		NEAR NORTH COAST OF JAVA
SEP 15	22: 7:21	51.0N	174.5W	22:17:12.5			ANDREANOF ISLANDS, ALUTIAN IS.
SEP 20	23: 7:22	52.0N	170.5W	23:17:54.0			FOX ISLANDS, ALUTIAN ISLANDS
SEP 21	20:16:53	40.5N	34.5E	20:29:21.0			NORTHERN TURKEY
SEP 24	8:21: 5	5.5N	127.0E	8:40:22.5		7.6	NEAR S COAST OF MINDANAO, PHIL.
SEP 26	8: 3:50			8: 9:38.0			NEAR COAST OF CHIAPAS, MEXICO
SEP 27	11:16:52	52.5N	169.0W	11:27:22.0			FOX ISLANDS, ALUTIAN ISLANDS
SEP 28	14:20: 0	20.5S	178.0W	14:37:34.5	650	7.0	FIJI ISLANDS
OCT 3	6:39: 8	10.5N	62.5W	6:46:15.0			VENEZUELA FORESHOCK
OCT 4	5:26: 9	11.0N	63.0W	5:32: 7.0	60	7.0	NEAR COAST OF VENEZUELA
OCT 6	0:54: 5	11.0N	62.5W	1: 1: 8.0			VENEZUELA AFTERSHOCK
OCT 7	13:19:45	51.0N	159.0E	13:32:54.0			OFF SOUTHEAST COAST OF KAMCHATKA
OCT 8	6:53:31	23.5S	68.0W	7: 3:38.0	150		NORTHERN CHILE
OCT 10	1:43: 0	52.5N	169.5W	1:53:25.5			FOX ISLANDS, ALUTIAN ISLANDS
OCT 10	3:39:11	52.5N	166.5W	3:49:28.0			FOX ISLANDS, ALUTIAN ISLANDS
OCT 10	5:44:32	52.0N	174.5W	5:55:33.0			ANDREANOF ISLANDS, ALUTIAN IS.
OCT 10	7:38:18	52.0N	174.0W	7:49: 4.5			ANDREANOF ISLANDS, ALUTIAN IS.
OCT 10	18:53:59	54.0N	166.0W	19: 4: 6.0		5.7	FOX ISLANDS, ALUTIAN ISLANDS
OCT 12	18:57: 2	8.0S	111.0E	19:16: 9.0			NEAR SOUTH COAST OF JAVA
OCT 15	4: 2: 7	9.0N	84.0W	4: 8: 0.0			NEAR SOUTH COAST OF COSTA RICA
OCT 17	14:37:36	47.0N	27.5W	14:45:13.0			NORTH ATLANTIC OCEAN
OCT 18	21:43:58	17.0N	95.0W	21:49: 9.5	150		OAXACA, MEXICO
OCT 19	21:41:59	44.5N	146.0E	21:54:46.5	150	6.5	OFF NE COAST OF HOKKAIDO, JAPAN
OCT 20	12: 4:22	11.5N	42.0W	12:12:14.0			NORTH ATLANTIC OCEAN
OCT 23	4:38:30	19.0N	64.0W	4:43:27.5			PURTO RICO
OCT 23	5:56:52	52.5N	169.5W	6: 7:18.5		6.2	FOX ISLANDS, ALUTIAN ISLANDS
OCT 24	20: 7:15	29.0S	69.0W	20:17:58.5			LA RIOJA PROVINCE, ARGENTINA
OCT 24	21:44:28	25.0N	109.5W	21:50:24.0		6.0	GULF OF CALIFORNIA
OCT 25	10: 3:32	50.5N	156.5E	10:15:47.5		6.5	NEAR SOUTH COAST OF KAMCHATKA
OCT 27	22:32:39	55.5N	161.0E	22:44: 8.5	150	6.5	KAMCHATKA
OCT 28	14:18:20			14:24: 5.5			OFF COAST OF OAXACA, MEXICO
OCT 30	2:50:26	50.5N	179.0W	3: 1:35.0			ANDREANOF ISLANDS, ALUTIAN IS.
NOV 2	7:20:58	15.0N	93.5W	7:26:13.0	100		NEAR COAST OF CHIAPAS, MEXICO
NOV 4	2:30:30	52.0N	175.5W	2:41:22.0			ANDREANOF ISLANDS, ALUTIAN IS.
NOV 7	2:58:53	24.0S	112.5W	3: 9:51.0			SOUTH PACIFIC OCEAN
NOV 11	18:20:38			18:26:23.0			NEAR COAST OF GUERRERO, MEXICO
NOV 13	17:22:41	33.0S	179.0W	17:42:42.0		6.5	KERMADEC ISLANDS REGION
NOV 15	16:10:29	51.5N	154.0E	16:42:38.0			NEAR EAST COAST OF KAMCHATKA
NOV 16	1:48:48	51.5N	177.0W	1:59:44.0			ANDREANOF ISLANDS, ALUTIAN IS.
NOV 17	5:57:48	49.0N	148.5E	6: 9:50.5	350		SEA OF OKHOTSK
NOV 18	10:12: 0	51.5N	179.5W	10:23: 4.0			ANDREANOF ISLANDS, ALUTIAN IS.
NOV 20	12:40:23	54.0N	165.0W	12:50:23.0		6.2	UNIMAK ISLAND, ALUTIAN ISLANDS
NOV 23	0:58:36	53.0N	167.5W	1: 8:55.5			FOX ISLANDS, ALUTIAN ISLANDS
NOV 24	20: 6:17	35.0N	83.5W	20: 7: 7.0			** NC-TENN BORDER REGION

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
NOV 26	11:35:44	51.5N	176.0W	11:46:40.5			ANDREANOF ISLANDS, ALUTIAN IS.
NOV 26	23:24:3	11.5N	86.5W	23:29:26.5	100		NEAR COAST OF NICARAGUA
NOV 29	22:19:38	21.0S	66.0W	22:28:11.5	200	7.5	SOUTHERN BOLIVIA
DEC 2	17:41:10	13.0N	88.5W	17:46:25.0	100		NEAR COAST OF EL SALVADOR
DEC 3	1:46:5	51.5N	178.0W	1:57:7.0			ANDREANOF ISLANDS, ALUTIAN IS.
DEC 4	3:37:45	45.5N	99.5E	3:51:33.5		7.7	OUTER MONGOLIA
DEC 7	3:16:43	6.5S	123.5E	3:35:18.5	550		FLORES SEA
DEC 7	8:24:3	15.5N	92.0W	8:29:14.0			GUATEMALA
DEC 7	22:18:49	13.5N	82.0W	22:23:53.0			OFF EAST COAST OF NICARAGUA
DEC 13	1:31:57	7.0N	76.0W	1:37:54.0	100	6.7	COLOMBIA
DEC 13	1:44:59	34.5N	48.0E	1:58:20.0		7.2	IRAN - 2000 DEAD
DEC 13	20:26:22	52.5N	170.0W	20:36:50.0			FOX ISLANDS, ALUTIAN ISLANDS
DEC 13	23:37:45			23:43:30.0			240 KM OFF S COAST OF NICARAGUA
DEC 16	17:27:47	50.0N	127.0W	17:35:0.0			VANCOUVER ISLAND
DEC 17	5:10:11	53.5N	162.0E	5:22:2.0		6.7	NEAR EAST COAST OF KAMCHATKA
DEC 17	13:50:12	12.5S	166.5E	14:8:52.0	100	7.7	SANTA CRUZ ISLANDS
DEC 19	4:11:13			4:16:39.5			NICARAGUA
DEC 23	13:19:28	12.5N	86.5W	13:24:41.5	150		NICARAGUA
DEC 25	16:26:1	10.5N	62.5W	16:32:7.0			VENEZUELA
DEC 28	14:36:40	18.0S	64.5W	14:46:15.5			BOLIVIA
DEC 31	14:28:15	45.0S	165.5E	14:47:28.5			OFF COAST OF SOUTH ISLAND, N.Z.

EARTHQUAKES RECORDED AT SEISMIC STATION CHC DURING 1958

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 1	15: 6: 8	52.0W	171.5W	15:16:45.5			FOX ISLANDS, ALUTIAN ISLANDS
JAN 4	8: 2:20	17.0W	99.5W	8: 7:59.0		5.7	GUERRERO, MEXICO
JAN 5	8: 5:11	2.0W	122.5E	8:26:24.5	550		CELEBES SEA
JAN 12	14:55: 9	31.5W	41.0W	15: 1:36.5			NORTH ATLANTIC OCEAN
JAN 13	0: 2:24	52.5W	177.0E	0:13:28.0	100		RAT ISLANDS, ALUTIAN ISLANDS
JAN 15	19:14:29	16.5S	72.0W	19:23:38.5	260	6.7	SOUTHERN PERU - 28 KILLED
JAN 17	7:15:38	52.0S	139.5E	7:35:27.0			ANTARCTIC OCEAN
JAN 18	15:14:26	29.0S	13.0W	15:27:29.0			NORTH OF TRISTAN DA CUNHA
JAN 19	14: 7:27	1.5W	79.5W	14:14:12.5	40	7.5	NEAR COAST OF ECUADOR - TSUNAMI
JAN 20	2:19:53	30.5S	71.5W	2:30:45.0			NORTHERN CHILE
JAN 24	5:53:58	56.5W	163.0E	6: 5:37.0		6.5	NEAR EAST COAST OF KAMCHATKA
JAN 24	6:11: 3	56.5W	163.0E	6:22:40.0			NEAR EAST COAST OF KAMCHATKA
JAN 24	18: 3:32	54.0W	170.0E	18:15: 3.0			NEAR ISLANDS, ALUTIAN ISLANDS
JAN 24	23:17:29	60.0W	152.0W	23:26:30.0	60	6.2	KENAI PENINSULA, ALASKA
JAN 26	16:56: 0	35.1W	90.0W	16:59:57.0			** MEMPHIS, TENNESSEE
FEB 1	16:10:15	2.0W	79.0W	16:17: 2.0		6.7	NEAR EAST COAST OF ECUADOR
FEB 1	18: 2:39	2.0W	79.0W	18: 9:27.5		6.5	ECUADOR AFTERSHOCK
FEB 1	20:45:45	1.5W	79.0W	20:52:34.0		6.5	ECUADOR AFTERSHOCK
FEB 12	23:43:45	52.0W	175.0W	23:54:37.5		6.0	ANDREANOF ISLANDS, ALUTIAN IS.
FEB 15	1:46:40	44.0W	147.0E	1:59:38.0		6.0	KURILE ISLANDS
FEB 19	19:25:21	8.0S	108.0E	19:45:53.0			NEAR SOUTH COAST OF JAVA
FEB 21	3:18:25	16.0S	74.5W	3:27:45.0			OFF COAST OF PERU
FEB 22	10:50:23	50.5W	175.0W	11: 1:19.0		6.7	ANDREANOF ISLANDS, ALUTIAN IS.
FEB 22	13:21:48	50.5W	175.0W	13:32:43.0			ANDREANOF ISLANDS, ALUTIAN IS.
FEB 22	17: 5: 0	51.5W	174.5W	17:15:52.0			ANDREANOF ISLANDS, ALUTIAN IS.
FEB 23	8:14:48	27.5S	63.0W	8:24:36.0	600		SANTIAGO DEL ESTRO PROV., ARG.
FEB 25	1:56:40	51.5W	179.5E	2: 8:15.0			RAT ISLANDS, ALUTIAN ISLANDS
MAR 1	9: 5:40	13.5S	76.5W	9:14:48.0			NEAR COAST OF PERU
MAR 1	17:21:33	14.0W	89.5W	17:27: 2.0	60		EL SALVADOR
MAR 3	16:18:17	55.5W	166.5E	16:29:52.0		6.2	KOMANDORSKIE ISLANDS
MAR 3	17:32:47	55.5W	166.0E	17:44:21.0			KOMANDORSKIE ISLANDS
MAR 5	11:53:43	34.3W	77.8W	11:54: 2.0			** WILMINGTON, NORTH CAROLINA
MAR 8	20:10:23	33.5S	70.0W	20:21:29.0	100		CENTRAL CHILE - FELT IN SANTIAGO
MAR 9	8: 7:30	51.5W	178.5W	8:18:24.5			ANDREANOF ISLANDS, ALUTIAN IS.
MAR 11	0:25:56	25.5W	125.0E	0:44:48.5	70	7.0	RYUKYU ISLANDS
MAR 11	23:53: 0	17.0W	98.5W	23:58:39.0			GUERRERO, MEXICO
MAR 12	0: 8:20			0:14:15.0			240 KM SOUTH OF COAST OF MEXICO
MAR 20	1:38: 4	51.0W	173.0W	1:48:50.0		6.5	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 23	20:13: 7			20:24:12.0			ANDREANOF ISLANDS, ALUTIAN IS.
MAR 25	18:42:27	18.0W	64.5W	18:47:21.0			VIRGIN ISLANDS
MAR 31	10:30:56	17.0W	93.5W	10:36:16.5	100		CHIAPAS, MEXICO
APR 3	7:18:34	35.0W	27.5E	7:30:58.5			NEAR CRETE
APR 3	8:25:43	1.5W	79.0W	8:32:36.0			NEAR COAST OF ECUADOR
APR 7	15:30:59	66.1N	156.8W	15:39:58.0		7.0	CENTRAL ALASKA
APR 8	0:14:20	66.5N	155.5W	0:23:31.0			CENTRAL ALASKA
APR 8	17:17: 5			17:22:23.5			EL SALVADOR
APR 8	22:25:33	36.2N	89.1W	22:29: 3.0			** OBION CO., TENNESSEE
APR 9	6:15:12	56.5W	139.0W	6:23:29.0			GULF OF ALASKA
APR 10	13:18:47	24.0S	69.0W	13:28:42.5	150		NORTHERN CHILE
APR 11	23:11:25	47.5W	153.5E	23:23:56.5	100	6.5	KURILE ISLANDS
APR 12	10:24:55	0.0W	0.0W	10:40:22.0		5.5	GULF OF CALIFORNIA (N/S)
APR 12	11:46:58	26.5W	111.0W	11:53: 7.0		6.0	GULF OF CALIFORNIA
APR 13	9: 7:24	66.0W	156.0W	9:16:40.0		6.7	CENTRAL ALASKA
APR 13	12:29: 7	53.0W	161.0E	12:41: 5.0		6.5	NEAR COAST OF KAMCHATKA
APR 14	21:32:28	1.0W	79.5W	21:39:24.0		6.7	NEAR COAST OF ECUADOR
APR 14	22:48:33	1.0W	79.5W	22:55:27.0		6.5	ECUADOR AFTERSHOCK
APR 15	1:30:43	1.0W	79.5W	1:37:39.0		6.5	ECUADOR AFTERSHOCK
APR 15	3:52:39	9.0W	84.0W	3:58:31.5		6.7	ECUADOR AFTERSHOCK
APR 19	4: 3:26	26.5W	110.5W	4: 9:25.0		6.0	OFF WEST COAST OF COSTA RICA
APR 21	22:37:18	4.5S	104.0E	22:57: 4.0		6.5	GULF OF CALIFORNIA
APR 24	18: 9:14	5.0W	83.0W	18:15:37.5			SUMATRA
APR 27	18:38:10	23.0S	66.0W	18:48: 1.5	200		PACIFIC OCEAN
APR 27	19: 3:50	52.5W	169.0W	19:14:16.5			JUJUY PROVINCE, ARGENTINA
APR 28	11:47:40	11.0S	74.0W	11:56:19.5		6.5	FOX ISLANDS, ALUTIAN ISLANDS
APR 30	19:27:32	21.0S	67.5W	19:37:12.5	150	6.0	PERU
							SOUTHERN BOLIVIA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAY 1	0:29:15	13.5S	167.5E	0:47:40.5	200	6.2	NEW HEBRIDES ISLANDS
MAY 2	20:29:18	16.5N	99.0W	20:34:59.0		6.2	NEAR COAST OF GUERRERO, MEXICO
MAY 8	12:40:46	24.0S	67.0W	12:50:44.0	200	6.2	SALTA PROVINCE, ARGENTINA
MAY 9	0:44:12	1.5N	94.5W	0:51:27.0		6.0	GALAPAGOS ISLANDS
MAY 9	2:40:46	36.5N	27.5E	2:53:2.0			DODECANESE ISLANDS
MAY 9	4:40:20	31.0S	65.5W	4:51:10.5	100	6.7	CORDOBA PROVINCE, ARGENTINA
MAY 10	22:54:40	65.0N	152.5W	23:3:44.0		6.2	CENTRAL ALASKA
MAY 11	5:23:54	65.0N	152.5W	5:32:57.5		6.2	CENTRAL ALASKA
MAY 11	5:37:1	65.0N	151.5W	5:46:0.0			ALASKA AFTERSHOCK
MAY 12	5:38:16	52.0N	169.5W	5:48:47.0			FOX ISLANDS, ALUTIAN ISLANDS
MAY 14	17:41:18	47.0N	77.0W	17:46:0.0			QUEBEC PROVINCE, CANADA
MAY 15	4:24:50	51.5N	173.5W	4:35:35.0			ANDREANOF ISLANDS, ALUTIAN IS.
MAY 16	20:21:9	18.0N	68.5W	20:25:49.5			HONA PASSAGE
MAY 21	14:8:18	17.5N	63.0W	14:13:17.5	150		LEeward ISLANDS
MAY 22	11:32:50	50.5N	175.0W	11:43:43.5			ANDREANOF ISLANDS, ALUTIAN IS.
MAY 24	23:4:46	40.3N	124.2W	23:11:43.0		4.7	HUMBOLDT COUNTY, CALIFORNIA
MAY 25	0:35:23	51.5N	177.0W	0:46:22.5		5.5	ANDREANOF ISLANDS, ALUTIAN IS.
MAY 25	14:54:30	51.5N	177.0W	15:5:30.0			ANDREANOF ISLANDS, ALUTIAN IS.
MAY 25	21:11:45	3.0S	77.0W	21:19:6.5	100	6.5	ECUADOR-PERU BORDER REGION
MAY 26	8:49:47	3.0S	77.0W	8:57:8.0	100		ECUADOR-PERU AFTERSHOCK
MAY 26	10:56:30	53.0N	169.5W	11:6:57.0		5.5	FOX ISLANDS, ALUTIAN ISLANDS
MAY 27	18:27:40	37.0N	27.0E	18:39:39.0	150		DODECANESE ISLANDS
MAY 29	6:59:11	16.5N	97.5W	7:4:36.5			OAXACA, MEXICO
MAY 30	18:4:50	52.5N	169.0W	18:15:12.5		6.0	FOX ISLANDS, ALUTIAN ISLANDS
MAY 31	19:32:30	15.0S	169.0E	19:51:5.0		7.2	NEW HEBRIDES ISLANDS
JUN 1	18:21:17	60.5N	143.5W	18:45:56.0			ALASKA (W/S)
JUN 4	14:29:50	52.5N	167.0W	14:40:10.5			FOX ISLANDS, ALUTIAN ISLANDS
JUN 5	13:23:57	12.5N	86.5W	13:29:25.5			80 KM OFF COAST OF NICARAGUA
JUN 6	9:11:18	8.0N	85.0W	9:17:11.0		6.5	OFF COAST OF COSTA RICA
JUN 6	19:15:28	5.5N	82.5W	19:21:43.0		6.0	SOUTH OF COSTA RICA
JUN 6	22:44:5	8.0N	84.5W	22:50:3.5			OFF COAST OF COSTA RICA
JUN 7	12:55:1	53.0S	140.0E	13:15:1.0			SOUTH OF TASHANIA
JUN 8	0:38:52	53.0N	167.0W	0:49:7.0		6.5	FOX ISLANDS, ALUTIAN ISLANDS
JUN 8	15:52:23	16.0S	75.0W	16:1:34.0			NEAR COAST OF SOUTHERN PERU
JUN 8	21:9:23	7.0N	34.5W	21:18:13.0			NORTH ATLANTIC OCEAN
JUN 12	11:54:4	7.5N	84.5W	12:0:0.5		6.0	OFF SOUTH COAST OF COSTA RICA
JUN 12	20:52:57	53.0N	167.0W	21:3:15.0		6.5	FOX ISLANDS, ALUTIAN ISLANDS
JUN 15	14:54:37	18.0S	178.5W	15:14:25.5	600	6.2	FIJI ISLANDS
JUN 16	14:31:59	13.0N	88.5W	14:37:17.0	100		NEAR COAST OF EL SALVADOR
JUN 18	1:15:2	68.5N	16.0W	1:23:37.5			OFF NORTH COAST OF ICELAND
JUN 18	2:23:27	69.0N	16.0W	2:32:0.0			ICELAND AFTERSHOCK
JUN 18	4:34:4	69.0N	16.0W	4:42:37.0			ICELAND AFTERSHOCK
JUN 18	6:40:40	14.5N	94.0W	6:46:47.5			OFF SOUTH COAST OF MEXICO
JUN 19	4:1:8	15.5N	92.0W	4:6:16.0			MEXICO-GUATEMALA BORDER
JUN 19	5:18:0	49.5N	156.0E	5:30:21.5		6.0	KURILE ISLANDS
JUN 19	9:48:50			9:54:35.5			NEAR COAST OF GUERRERO, MEXICO
JUN 19	18:2:15	52.5S	140.0E	18:22:3.0			SOUTH OF TASHANIA
JUN 24	0:9:18	8.5S	112.0E	0:28:56.0	200		NEAR SOUTH COAST OF JAVA
JUN 25	9:36:30	3.0S	144.5E	9:55:50.5		6.2	NEAR NORTH COAST OF NEW GUINEA
JUN 26	4:38:25	54.0N	159.5E	4:50:5.5	150	6.2	KANCHATKA
JUN 27	5:44:28	13.0N	88.5W	5:49:47.5	60	6.0	NEAR COAST OF EL SALVADOR
JUN 29	3:25:42	15.5S	70.5W	3:34:39.0	150	6.5	SOUTHERN PERU
JUN 30	8:42:33	36.5N	27.5E	8:54:48.0			DODECANESE ISLANDS
JUN 30	14:2:8	73.0N	69.5W	14:9:17.0			BAFFIN BAY
JUL 1	5:53:7	51.5N	176.5W	6:4:4.5		6.0	ANDREANOF ISLANDS, ALUTIAN IS.
JUL 3	5:45:7	18.0S	66.0E	6:4:42.0			MASCARENE ISLANDS REGION
JUL 3	12:48:0	48.0N	147.0E	13:0:3.0	400		SEA OF OKHOTSK
JUL 4	0:53:10	9.0N	40.0W	1:1:23.0			NORTH ATLANTIC OCEAN
JUL 4	18:34:3	6.0N	125.0E	18:56:45.5			NEAR S COAST OF HINDANAO, PHIL.
JUL 6	16:3:14	66.0N	155.0W	16:12:17.0			CENTRAL ALASKA
JUL 7	5:16:4	50.5N	180.0W	5:27:15.0			ANDREANOF ISLANDS, ALUTIAN IS.
JUL 9	15:18:20	14.5N	91.5W	15:23:33.5	100		GUATEMALA
JUL 10	6:15:51	58.6N	137.1W	6:23:58.5		7.7	SOUTHEASTERN ALASKA - 5 DEAD
JUL 11	7:43:5	51.0N	175.0W	7:53:59.0			ANDREANOF ISLANDS, ALUTIAN IS.
JUL 11	19:10:20	21.0S	69.0W	19:20:13.5		6.2	NORTHERN CHILE
JUL 12	0:48:30	5.0S	106.5W	0:57:8.0		6.2	PACIFIC OCEAN
JUL 13	8:10:2	58.3N	136.9W	8:17:58.0		5.5	SOUTHEASTERN ALASKA AFTERSHOCK
JUL 16	1:47:20	51.5N	176.5W	1:58:18.0			ANDREANOF ISLANDS, ALUTIAN IS.
JUL 16	3:52:39	51.5N	176.5W	4:3:37.0			ANDREANOF ISLANDS, ALUTIAN IS.
JUL 16	12:54:18	29.5S	113.0W	13:5:51.0		6.0	SOUTHERN PACIFIC OCEAN
JUL 17	5:37:6	40.5N	23.0E	5:48:47.0			NORTHERN GREECE
JUL 17	13:48:45	57.5N	137.0W	13:56:43.0			SOUTHEASTERN ALASKA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUL 17	19: 2:10	51.0N	176.0W	19:13:11.5		5.7	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 17	19:29:36	51.0N	177.0W	19:40:32.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 17	20:59:17	51.0N	177.5W	21:10:19.5		6.0	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 18	0:39:18	51.0N	176.5W	0:50:15.5		5.7	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 18	1:47:21	4.0S	78.0W	1:54:48.5	100		ECUADOR-PERU BORDER
JUL 19	6:30:19	4.0S	138.5E	6:46:45.5	150		NEW GUINEA
JUL 19	17:23:20	51.5N	176.5W	17:43:17.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 19	18:16:52	0.0N	129.0E	18:33:25.0			SPICE ISLANDS
JUL 21	7:24:58	44.5N	147.5E	7:38: 1.5		6.0	KURILE ISLANDS
JUL 21	9:39: 6	12.0N	89.0W	9:44:34.5			NEAR COAST OF EL SALVADOR
JUL 21	14:37:18	51.5N	178.0W	14:48:21.0		6.2	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 22	5: 8:40	51.0N	176.0W	5:19:37.5			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 22	22:45:51	53.0N	160.0W	22:55:31.0	100		GULF OF ALASKA
JUL 23	10:27:19	31.0N	142.0E	10:53:11.0			SOUTH OF HONSHU, JAPAN (N/S)
JUL 23	18: 3:56	10.0N	89.5W	18: 9:43.0			OFF COAST OF NICARAGUA
JUL 24	13: 8: 5	52.5N	170.0W	13:18:33.0			FOX ISLANDS, ALEUTIAN ISLANDS
JUL 26	17:37: 9	13.5S	69.0W	17:45:11.5	620	7.0	PERU-BOLIVIA BORDER
JUL 27	3:21:56	45.5N	148.0E	3:34:50.0			KURILE ISLANDS
JUL 27	17:19: 3	28.5S	68.0E	17:38:45.0			SOUTH INDIAN OCEAN
JUL 27	18:30:33	55.0N	34.5W	18:37:31.0			NORTH ATLANTIC OCEAN
JUL 28	18:33:45	26.5S	115.5W	18:45: 8.0			PACIFIC OCEAN, W OF EASTER I.
JUL 28	21:23:25	20.0S	178.5W	21:39:38.5	650		FIJI ISLANDS
JUL 29	21:37:25	4.0N	26.5W	21:47:18.5			NORTH ATLANTIC OCEAN
JUL 30	2:47:17	44.5N	148.5E	3: 0: 8.0			KURILE ISLANDS
JUL 30	4:44:53	2.5S	140.0E	5: 6:26.0			NEW GUINEA
JUL 31	2: 3:45	51.5N	174.5W	2:14:36.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 31	2:26:23	51.5N	174.5W	2:37:14.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 1	5:37:50	16.0S	176.5W	5:55:41.5	450		FIJI ISLANDS
AUG 2	4:45:25			4:51: 3.0			OFF COAST OF OAXACA, MEXICO
AUG 4	4:13:19	6.0S	130.0E	4:32:31.5	150		BANDA SEA
AUG 6	9:51:24	24.5S	63.0W	10: 0:56.0	550		SALTA PROVINCE, ARGENTINA
AUG 8	0:36:13	55.0N	166.0E	0:47:49.0			KOMANDORSKIE ISLANDS
AUG 11	20:26:22	3.0S	100.5E	20:46: 8.0			OFF COAST OF SUMATRA
AUG 12	8:15:59	51.5N	175.0W	8:26:43.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 12	15:35:40			15:40:54.0	100		OFF COAST OF OAXACA, MEXICO
AUG 12	16:23:42	27.0N	110.5W	16:30:15.5			GULF OF CALIFORNIA
AUG 12	19: 4:20	9.5S	123.5E	19:23:58.0			TIMOR ISLAND
AUG 12	19:25: 5	0.0N	126.5E	19:44:36.0			HOLUCCA PASSAGE
AUG 13	3:50:35	0.5N	126.0E	4: 9:50.0			HOLUCCA PASSAGE AFTERSHOCK
AUG 13	20:13: 0	51.0N	177.5W	20:24: 2.5			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 14	14:55:10	52.0N	175.0W	15: 6: 4.5		6.2	ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 14	15:18: 5	51.0N	175.5W	15:28:50.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 15	6:20:53	7.0N	73.0W	6:26:44.0	200		NORTHERN COLOMBIA
AUG 15	19:55:39	53.0N	160.5E	20: 7:33.5	60	6.7	NEAR EAST COAST OF KAMCHATKA
AUG 15	22:29:17	1.5N	125.0E	22:46: 0.0	170	6.7	CELEBES
AUG 16	13:17:52	51.5N	176.0W	13:28:47.5		6.0	ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 16	19:13:45	34.5N	48.0E	19:27: 8.5			IBAN - 200 DEAD
AUG 17	9: 8:35	51.5N	176.0W	9:19:31.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 17	11:16:13	51.5N	176.0W	11:27: 3.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 17	18: 1: 5	3.0S	145.5E	18:13:58.0			BISMARCK SEA
AUG 18	6: 0:52	30.5N	114.0W	6:16:52.0		5.2	GULF OF CALIFORNIA (N/S)
AUG 18	6:44:14	30.5N	114.0W	6:59: 2.0		5.5	GULF OF CALIFORNIA
AUG 18	10:16:40	7.5N	78.0W	10:22:24.0			PANAMA-COLOMBIA BORDER
AUG 19	16: 6:18	51.5N	175.5W	16:17: 1.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 19	16:29:44	53.0N	160.0E	16:41:32.0	100		NEAR EAST COAST OF KAMCHATKA
AUG 20	3:40: 7	14.0S	167.0E	4: 0:27.0		6.2	NEW HEBRIDES ISLANDS (N/S)
AUG 20	9:20:10	53.5N	159.5E	9:32: 8.0			KAMCHATKA
AUG 21	12:19: 0	53.0N	163.0W	12:29:21.0			FOX ISLANDS, ALEUTIAN ISLANDS
AUG 21	20:59:10	18.0S	176.0W	21:28:52.5	250		FIJI ISLANDS REGION
AUG 22	20:33:40	51.0N	179.5W	20:44:42.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 22	23:18:33	26.5S	115.0W	23:29:57.5			PACIFIC OCEAN
AUG 23	21:56:53	52.0N	173.0W	22: 7:25.0			ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 26	12:45: 2	14.0S	167.0E	13: 3:34.5			NEW HEBRIDES ISLANDS
AUG 27	13: 9: 3	53.5N	159.5E	13:21: 0.5			KAMCHATKA
AUG 27	15:16:35	38.0N	20.5E	15:28:20.0			NEAR COAST OF GREECE
AUG 30	18:38:18	27.5N	112.0W	18:44:27.0			GULF OF CALIFORNIA
AUG 31	15:24:45	63.5N	144.0W	15:33:33.5			CENTRAL ALASKA
AUG 31	23: 0:16	63.0N	144.5W	23: 8:53.5			CENTRAL ALASKA
SEP 2	19:41:10			19:46:24.5	100		NEAR COAST OF EL SALVADOR
SEP 2	20: 7: 4	15.0N	92.5W	20:12:23.5			NEAR COAST OF OAXACA, MEXICO
SEP 3	3:44:24	0.0N	14.0W	3:55:20.5			MID-ATLANTIC OCEAN
SEP 3	4:17:50			4:23:23.0			OFF COAST OF GUATEMALA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
SEP 4	21:51: 8	33.5S	69.5W	22: 2:25.0		6.7	CHILE-ARGENTINA BORDER
SEP 5	6:12:58	34.0S	70.0W	6:24:12.0			CHILE-ARGENTINA BORDER
SEP 5	13: 1:55	5.0S	102.0E	13:21:45.5			NEAR COAST OF SUMATRA
SEP 5	13: 8: 4	5.0S	102.0E	13:27:56.5			NEAR COAST OF SUMATRA
SEP 5	14:14:17	5.0S	101.5E	14:34: 9.0			NEAR COAST OF SUMATRA
SEP 8	5:25:37	53.5W	159.0E	5:37:25.5			NEAR EAST COAST OF KAMCHATKA
SEP 8	13:58:19			14:23:53.0			SANTA CRUZ ISLANDS (I/S)
SEP 8	22:24:55	34.0S	70.0W	22:36: 9.0			CHILE-ARGENTINA BORDER
SEP 9	22:23:37	54.0W	171.0E	22:35: 2.5			NEAR ISLANDS, ALEUTIAN ISLANDS
SEP 14	14:21:37	57.0W	121.0E	14:34:20.5		6.2	STANOVOI MTS. REGION, SIBERIA
SEP 15	19:45:40	2.5W	120.5E	20: 3:50.5	600	6.0	CELEBES SEA
SEP 17	12:23:50	48.5W	155.0E	12:36:21.5			KURILE ISLANDS
SEP 18	14:41:40	0.5W	30.0W	14:51:27.0			MID-ATLANTIC OCEAN
SEP 18	21:24:42	9.5S	80.0W	21:32:59.5			OFF COAST OF PERU
SEP 20	10:34: 0	15.5W	46.0W	10:40:51.5			NORTH ATLANTIC OCEAN
SEP 20	17: 9:24	6.5S	154.5E	17:28:23.0			SOLOMON ISLANDS
SEP 22	19: 5:44	33.5S	177.5W	19:24:25.0		6.7	KERMADEC ISLANDS REGION
SEP 24	3:44:14	59.5W	143.5W	3:52:47.0		6.2	GULF OF ALASKA
SEP 25	7:20: 1	9.0W	39.5W	7:28:24.5		6.2	NORTH ATLANTIC OCEAN
OCT 1	17:47:15	53.0W	165.5W	17:57:26.0		6.2	FOX ISLANDS, ALEUTIAN ISLANDS
OCT 4	0:49:36	4.5S	143.5E	1:11:49.0	100		NEW GUINEA
OCT 6	18:52:43	56.0W	163.0E	19: 4:25.5			NEAR EAST COAST OF KAMCHATKA
OCT 10	8:30:26	53.5W	160.0E	8:42:15.0	100		NEAR EAST COAST OF KAMCHATKA
OCT 11	2: 0:40	53.0W	159.5E	2:12:37.0			NEAR EAST COAST OF KAMCHATKA
OCT 11	14:37:42	23.5S	65.0W	14:47:39.0	200	6.0	JUJUY PROVINCE, ARGENTINA
OCT 14	9: 6:24	52.5W	159.0E	9:18:27.5			NEAR EAST COAST OF KAMCHATKA
OCT 18	6:34:17	7.0W	71.5W	6:40:28.0	100		COLOMBIA-VENEZUELA BORDER
OCT 23	2:29:47	37.5W	82.5W	2:30:34.0			** SOUTHEASTERN KENTUCKY
OCT 24	21:13: 6	0.0W	125.0E	21:36: 6.5			MOLUCCA PASSAGE
OCT 27	19:20:55	56.0W	162.0E	19:32:40.0			NEAR EAST COAST OF KAMCHATKA
OCT 29	7:44:10	51.5W	179.5E	7:55:20.0		6.2	RAT ISLANDS, ALEUTIAN ISLANDS
NOV 2	10:44:47	51.5W	175.0W	10:55:36.0			ANDREANOF ISLANDS, ALEUTIAN IS.
NOV 6	22:58: 6	44.5W	148.5E	23:11: 2.0	75	8.0	KURILE ISLANDS
NOV 7	0:36:12	44.0W	149.0E	0:49:15.5			KURILE ISLANDS AFTERSHOCK
NOV 7	1:42:56	44.5W	149.5E	1:55:54.0			KURILE ISLANDS AFTERSHOCK
NOV 7	1:55:33	44.5W	149.0E	2: 8:31.0			KURILE ISLANDS AFTERSHOCK
NOV 7	2:50:54	44.5W	149.5E	3: 3:58.0	60		KURILE ISLANDS AFTERSHOCK
NOV 7	4:59:56	44.5W	149.0E	5:12:50.0			KURILE ISLANDS AFTERSHOCK
NOV 7	11:24:25	44.5W	149.5E	11:37:18.0	60		KURILE ISLANDS AFTERSHOCK
NOV 8	2:41:43	38.4W	87.9W	2:43: 3.5			** ILLINOIS-INDIANA BORDER
NOV 8	9:22:53	52.0W	159.5E	9:34:58.5			OFF SOUTHEAST COAST OF KAMCHATKA
NOV 8	12: 8:30	44.5W	149.0E	12:21:29.0			KURILE ISLANDS AFTERSHOCK
NOV 12	6: 9:10	9.5W	70.0W	6:15: 2.0			VENEZUELA
NOV 12	20:23:26	44.5W	148.5E	20:36:26.5		6.7	KURILE ISLANDS AFTERSHOCK
NOV 12	22:59:36	45.0W	149.5E	23:12:30.0			KURILE ISLANDS AFTERSHOCK
NOV 13	4: 4:37	44.5W	148.0E	4:17:39.0			KURILE ISLANDS AFTERSHOCK
NOV 13	9: 6:18	9.5W	70.0W	9:12: 6.0			VENEZUELA
NOV 13	16:16:25	9.0W	93.5E	16:39:12.0			NICOBAR ISLANDS
NOV 14	5:34:53	44.0W	149.0E	5:47:52.0			KURILE ISLANDS AFTERSHOCK
NOV 14	5:46:34	14.5W	91.5W	5:51:41.0	150		GUATEMALA
NOV 14	13:48:20	6.0S	131.0E	14: 7:44.5			BANDA SEA
NOV 14	15:22:16	13.0W	86.0W	15:27:30.0	100		NICARAGUA
NOV 15	9: 0:45	44.0W	149.0E	9:13:45.0		6.5	KURILE ISLANDS AFTERSHOCK
NOV 18	7:45:20	50.5W	179.0E	7:56:31.5			RAT ISLANDS, ALEUTIAN ISLANDS
NOV 19	1:35: 6	27.5S	63.5W	1:44:52.5	600		SANTIAGO DEL ESTERO PROV., ARG.
NOV 19	9:23:51	44.0W	149.0E	9:36:46.5			KURILE ISLANDS AFTERSHOCK
NOV 19	15: 2:15	60.5W	150.5W	15:11:12.0	60		KENAI PENINSULA, ALASKA
NOV 20	5:36:33	52.0W	159.5E	5:48:35.0			OFF EAST COAST OF KAMCHATKA
NOV 20	14:18: 4	45.0W	149.5E	14:30:54.0	60		KURILE ISLANDS AFTERSHOCK
NOV 22	0: 4:20	10.5S	112.5E	0:24:15.5			SOUTH OF JAVA
NOV 24	22:26:56	17.5W	61.0W	22:32:19.5			LEEWARD ISLANDS
DEC 1	3:21:18	32.3W	115.6W	3:37:49.5		5.7	CALIFORNIA-MEXICO BORDER
DEC 4	12:34:34	14.0W	91.5W	12:39:50.5	100		NEAR COAST OF GUATEMALA
DEC 4	19:19:23	11.5W	86.5W	19:24:48.5	100		NEAR COAST OF NICARAGUA
DEC 6	9:33:45	6.5W	83.0W	9:39:55.5		6.0	SOUTH OF PANAMA
DEC 7	17:58: 8	18.0W	105.0W	18: 4: 6.5	100	6.0	OFF COAST OF MEXICO
DEC 8	12: 8:23	44.0W	149.5E	12:21:21.0			KURILE ISLANDS
DEC 10	7: 2:59	37.0S	176.5E	7:21:20.0	300	6.5	OFF NORTH ISLAND, NEW ZEALAND

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
DEC 10	21:49:20	24.5N	109.0W	21:55:13.0		5.7	GULF OF CALIFORNIA
DEC 11	6:22:20	23.5N	109.0W	8:38:40.5			GULF OF CALIFORNIA
DEC 19	11:14:40	16.0S	72.0W	11:23:48.0	100		SOUTHERN PERU
DEC 19	18:36:23	51.5N	177.5W	18:47:25.0			ANDRANOF ISLANDS, ALBUTIAN IS.
DEC 23	6:27:15	2.0N	79.0W	6:33:59.5			NEAR WEST COAST OF COLOMBIA

EARTHQUAKES RECORDED AT SEISMIC STATION CRC DURING 1959

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 3	11:17:38	14.5S	75.5W	11:26:41.5			NEAR COAST OF PERU
JAN 6	14:48:3	7.5S	105.5E	15:7:56.0			SOUTH OF JAVA
JAN 8	1:33:48	15.5W	61.0W	1:39:20.0	100	6.5	WINDWARD ISLANDS
JAN 8	15:54:41			16:2:11.0			1100 KM NW OF GALAPAGOS ISLANDS
JAN 11	7:22:40	15.0W	90.0W	7:27:38.0	200		GUATEMALA
JAN 13	7:33:43	3.0S	102.0E	7:53:16.0	150		NEAR SOUTH COAST OF SUMATRA
JAN 13	8:34:8	9.0W	83.5W	8:39:50.0	100		COSTA RICA
JAN 16	1:31:25	52.0W	171.0W	1:41:56.0	60		FOX ISLANDS, ALEUTIAN ISLANDS
JAN 16	16:50:40	52.0W	131.5W	17:11:46.5			QUEEN CHARLOTTE ISLANDS
JAN 18	15:48:18	52.0W	166.5W	15:58:33.5			FOX ISLANDS, ALEUTIAN ISLANDS
JAN 22	5:10:25	37.5W	142.0E	5:41:58.5		6.7	NEAR EAST COAST OF HONSHU, JAPAN
JAN 23	10:20:57	16.5W	47.0W	10:27:45.0			NORTH ATLANTIC OCEAN
JAN 24	19:42:20	15.0W	92.5W	19:47:41.5		6.2	MEXICO-GUATEMALA BORDER
JAN 24	19:55:14	37.5W	24.5W	20:3:20.0		6.2	AZORES ISLANDS
JAN 26	17:46:51	1.0S	77.0W	17:53:48.0	200		ECUADOR
JAN 27	0:20:22	18.0W	68.5W	0:24:51.0	100		EASTERN DOMINICAN REPUBLIC
JAN 27	3:35:29	71.5W	2.0W	3:44:44.5			JAN HAYEN ISLAND REGION
JAN 28	10:4:10	30.5S	79.0W	10:15:0.0		6.2	JUAN FERNANDEZ ISLANDS
JAN 29	20:21:27	52.0W	174.0W	20:32:13.5		5.7	ANDREANOF ISLANDS, ALEUTIAN IS.
JAN 29	20:58:18	52.0W	174.0W	21:9:3.5		5.5	ANDREANOF ISLANDS, ALEUTIAN IS.
JAN 29	23:24:30	71.0W	8.0E	23:34:7.5			OFF COAST OF NORWAY
JAN 30	5:17:32	61.0W	78.5W	5:28:28.5			HUDSON BAY
JAN 30	16:15:58	26.5S	71.0W	16:26:18.0	100		NEAR COAST OF CHILE
JAN 30	18:9:2	31.0S	179.0W	18:28:44.0	450		KERNADEC ISLANDS
JAN 30	20:38:58	44.0W	144.0E	20:52:8.0		5.7	HOKKAIDO, JAPAN
JAN 30	22:16:47	44.0W	144.0E	22:29:59.5		6.2	HOKKAIDO, JAPAN
FEB 6	14:33:2	51.0W	175.5W	14:43:54.5	600	5.5	ANDREANOF ISLANDS, ALEUTIAN IS.
FEB 7	9:36:51	4.0S	81.5W	9:44:25.5		7.2	NEAR COAST OF NORTHERN PERU
FEB 8	1:2:26	49.0W	28.5W	1:9:56.0		6.2	NORTH ATLANTIC OCEAN
FEB 9	4:42:33	50.5W	177.5W	4:53:38.0			ANDREANOF ISLANDS, ALEUTIAN IS.
FEB 11	13:52:13	16.0W	97.0W	13:57:48.5		6.0	NEAR COAST OF OAXACA, MEXICO
FEB 14	4:36:10	7.5S	122.0E	4:55:56.0			FLORES SEA
FEB 16	0:39:32	1.0S	81.5W	0:46:45.5			NEAR COAST OF ECUADOR
FEB 16	17:54:12			17:59:34.0			HONDURAS-NICARAGUA BORDER
FEB 17	12:3:5	51.5W	171.0W	12:13:42.0		6.0	FOX ISLANDS, ALEUTIAN ISLANDS
FEB 20	4:12:54	30.5S	71.0W	4:23:40.0	100	6.2	CENTRAL CHILE
FEB 20	18:16:22	15.5W	91.0W	18:21:18.5	150	6.5	GUATEMALA
MAR 1	16:49:13	0.5S	134.5E	17:8:32.0	100	7.0	NEAR NORTH COAST OF NEW GUINEA
MAR 2	1:37:53	5.5S	104.0E	1:57:38.0			OFF SOUTH COAST OF SUMATRA
MAR 5	0:15:8	54.0W	160.0E	0:27:2.0			NEAR EAST COAST OF KAMCHATKA
MAR 9	22:8:58	15.5W	91.0W	22:7:59.5	150		GUATEMALA
MAR 19	8:25:32	35.0W	36.0W	8:32:30.0		6.2	NORTH ATLANTIC OCEAN
MAR 20	23:53:24	10.0S	117.0E	0:13:20.5			SUMBAWA ISLAND REGION
MAR 23	7:10:20	39.6W	118.0W	7:16:42.0		6.2	DIXIE VALLEY, NEVADA
MAR 27	7:2:7	17.5W	63.0W	7:7:7.0	150		LEEWARD ISLANDS
MAR 29	5:39:58	19.0W	64.5W	5:44:55.0			VIRGIN ISLANDS
APR 1	0:34:18	27.5W	21.0W	0:43:14.5		6.2	CANARY ISLANDS
APR 1	18:18:30	39.8W	120.2W	18:25:6.0		5.6	CALIFORNIA
APR 6	5:24:11	50.5W	177.0W	5:35:13.0			ANDREANOF ISLANDS, ALEUTIAN IS.
APR 6	14:12:36	10.0S	120.5E	14:32:26.0		6.2	SUMBA ISLAND
APR 8	11:44:25	50.5S	73.0W	11:57:11.5			SOUTHERN CHILE-ARGENTINA BORDER
APR 9	6:18:34	36.0S	77.0E	6:39:22.5		5.7	INDIAN OCEAN, N OF KEPBULEN IS.
APR 9	17:36:10	7.0W	82.0W	17:42:15.0		6.2	SOUTH OF PANAMA
APR 10	5:47:34	25.0S	178.5E	6:6:15.5	600		SOUTH OF FIJI ISLANDS
APR 12	9:54:51	17.5W	95.0W	9:59:55.5	100	6.0	MEXICO
APR 19	15:3:26	58.0W	152.5W	15:12:34.0		6.2	NEAR KODIAK ISLAND, ALASKA
APR 20	4:21:10	8.5W	83.0W	4:27:4.5			COSTA RICA
APR 22	19:1:41	11.5W	86.5W	19:7:12.5			NEAR COAST OF NICARAGUA
APR 23	20:58:41	37.5W	80.5W	20:59:14.0		**	WEST VIRGINIA
APR 24	9:31:33	11.5W	86.5W	9:37:5.0		6.2	NEAR COAST OF NICARAGUA
APR 24	17:57:58	31.0S	178.0W	18:17:38.0		6.7	KERNADEC ISLANDS
APR 25	0:26:40	37.0W	28.5E	0:38:58.0			TURKEY
APR 25	6:6:4	19.5W	66.0W	6:10:44.0			PUERTO RICO
APR 26	20:40:38	25.0W	122.5E	20:59:11.5	150	7.5	NEAR NORTHEAST COAST OF TAIWAN
APR 28	11:9:30	15.0W	93.0W	11:14:51.5		6.5	MEXICO-GUATEMALA BORDER

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAY 3	4:41:24	12.5N	87.5W	4:46:43.0	100		NEAR COAST OF NICARAGUA
MAY 4	7:15:42	52.5N	159.5E	7:27:36.0	60	8.0	NEAR EAST COAST OF KAMCHATKA
MAY 5	19:4:16	53.0N	159.0E	19:16:19.5		6.0	KAMCHATKA AFTERSHOCK
MAY 7	20:22:41	8.5S	123.5E	20:42:23.5			FLORES ISLANDS
MAY 8	11:34:50	53.5N	160.5E	11:46:40.5	60	6.0	NEAR EAST COAST OF KAMCHATKA
MAY 11	16:28:49	53.5N	160.0E	16:40:46.0			KAMCHATKA
MAY 12	4:57:35	54.5N	168.0E	5:9:7.0		6.2	KOMANDORSKIE ISLANDS
MAY 12	9:46:51	23.5S	64.5W	9:57:4.0		6.5	SALTA PROVINCE, ARGENTINA
MAY 12	10:14:0	20.5S	63.5W	10:24:0.0			BOLIVIA
MAY 12	21:40:22	51.5N	177.0W	21:51:22.5			ANDREANOF ISLANDS, ALEUTIAN IS.
MAY 12	21:59:56	51.5N	177.0W	22:10:57.0		6.0	ANDREANOF ISLANDS, ALEUTIAN IS.
MAY 14	6:36:57	35.5N	24.5E	6:49:6.0		6.5	CRETE
MAY 15	14:42:48			14:48:21.0			OAXACA, MEXICO
MAY 16	4:58:25	65.5N	156.0W	5:25:56.0			ALASKA (N/S)
MAY 16	6:16:23	4.5S	153.5E	6:35:38.0	60	6.7	NEW BRITAIN
MAY 20	19:35:3	44.5N	149.0E	19:48:1.5			KURILE ISLANDS
MAY 20	19:49:12	41.5N	42.0E	20:1:55.0			GEORGIA S.S.R.
MAY 21	11:34:23	28.0S	69.0W	11:44:57.5	60	5.7	NORTHERN CHILE-ARGENTINA BORDER
MAY 24	0:9:29	19.5N	64.5W	0:14:17.5			VIRGIN ISLANDS
MAY 26	5:27:36	17.0N	61.0W	5:33:0.5			LEeward ISLANDS
MAY 29	10:42:48	19.0S	169.5W	11:2:30.0	100	6.5	NEW HEBRIDES ISLANDS
MAY 31	5:36:25	20.0N	80.0E	5:40:27.0			CAYMAN ISLANDS
JUN 2	5:42:26	43.0S	72.0W	5:54:18.0	150		CHILE-ARGENTINA BORDER
JUN 3	5:43:28	52.5N	170.0W	5:53:55.0			FOX ISLANDS, ALEUTIAN ISLANDS
JUN 5	20:37:15	12.0N	86.5W	20:42:37.0	100		NEAR COAST OF NICARAGUA
JUN 7	13:39:38	0.5N	18.0W	13:50:36.0			NORTH MID-ATLANTIC OCEAN
JUN 10	4:16:1	36.0N	24.0E	4:28:9.5			CRETE
JUN 14	0:11:57	20.5S	68.0W	0:21:39.0	100	7.0	SOUTHWESTERN BOLIVIA
JUN 16	8:2:5	15.0N	93.5W	8:7:33.0	60		OFF COAST OF CHIAPAS, MEXICO
JUN 17	10:27:7	34.5N	98.5W	10:35:10.5			SOUTHWESTERN OKLAHOMA
JUN 18	15:31:25	54.0N	160.0E	15:43:11.0		6.2	NEAR EAST COAST OF KAMCHATKA
JUN 18	15:58:38	54.0N	161.0E	16:10:35.5		6.5	NEAR EAST COAST OF KAMCHATKA
JUN 23	14:35:0	39.1N	118.8W	14:41:30.0		6.0	WESTERN NEVADA
JUN 23	15:4:34	39.0N	118.8W	15:21:14.5		5.5	NEVADA AFTERSHOCK
JUN 25	6:46:55	62.0N	27.5W	6:54:42.5			SOUTH OF ICELAND
JUN 27	19:4:27	33.0S	179.0W	19:24:16.5	100	6.5	SOUTH OF KERMADEC ISLANDS
JUN 28	18:25:37			18:41:11.5			GULF OF CALIFORNIA (N/S)
JUN 28	19:43:22	9.5S	122.5E	20:3:7.0			SAWOE SEA
JUN 30	22:42:2	8.5N	71.5W	22:47:55.0	60		NORTHERN VENEZUELA
JUL 1	1:13:3	19.0N	65.0W	1:18:45.5	100		VIRGIN ISLANDS REGION
JUL 3	5:21:13	58.5N	152.0W	5:30:19.0			KODIAK ISLAND REGION
JUL 6	9:10:17	26.5S	61.5W	9:20:3.0	600	6.2	CHACO PROVINCE, ARGENTINA
JUL 6	9:23:27	26.5S	61.5W	9:33:11.0	600	6.2	CHACO PROVINCE, ARGENTINA
JUL 9	16:5:18	20.5S	68.0W	16:14:58.0	100	6.7	CHILE-BOLIVIA BORDER
JUL 10	4:11:40	19.0S	69.0W	4:21:17.5			CHILE-BOLIVIA BORDER
JUL 13	12:28:45	52.0N	172.5W	12:39:25.0		5.7	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 14	8:40:48	51.5N	172.0W	8:51:27.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 16	15:17:27	50.5N	177.0W	15:28:28.5			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 18	19:54:45	15.5N	120.5E	20:13:44.0		6.5	LUZON, PHILIPPINE ISLANDS
JUL 19	3:42:2	6.5S	105.0E	4:1:54.5			SUNDA STRAIT
JUL 19	15:6:10	15.0S	70.5W	15:14:59.0	200	7.0	PERU
JUL 19	15:36:17	15.5S	71.0W	15:45:6.5	200		SOUTHERN PERU
JUL 20	2:41:4	6.0S	111.0E	2:59:55.5	500		NEAR NORTH COAST OF JAVA
JUL 21	9:17:51	19.0N	63.5W	9:22:21.0		6.0	NEAR N COAST OF DOMINICAN REP.
JUL 21	12:29:9	16.0N	98.0W	12:34:44.0		6.0	NEAR COAST OF OAXACA, MEXICO
JUL 21	13:3:31	16.0N	98.0W	13:9:7.0		6.0	NEAR COAST OF OAXACA, MEXICO
JUL 21	17:39:29	37.0N	112.5W	17:45:9.0		5.5	UTAH-ARIZONA BORDER
JUL 22	4:51:30	15.5N	97.5W	4:57:8.0			NEAR COAST OF OAXACA, MEXICO
JUL 22	15:53:53	15.5N	97.5W	15:59:32.0			NEAR COAST OF OAXACA, MEXICO
JUL 22	19:24:17	53.0N	153.0E	19:35:27.5	650	6.2	SEA OF OKHOTSK
JUL 24	1:23:9	41.1N	125.3W	1:30:15.5		5.7	OFF COAST OF NORTHERN CALIFORNIA
JUL 27	5:27:45			5:35:48.0			1500 KM WEST OF GALAPAGOS IS.
AUG 3	6:8:30	33.0N	79.5W	6:9:19.0			** SOUTH CAROLINA
AUG 6	3:44:35	47.8N	120.0W	4:1:39.5			WASHINGTON STATE
AUG 7	21:45:26	56.5N	154.0W	21:54:49.0		5.0	KODIAK ISLAND
AUG 8	0:47:38	55.0N	162.5E	0:59:22.0		6.5	NEAR EAST COAST OF KAMCHATKA
AUG 11	8:9:2	19.5N	65.0W	8:13:46.0			NORTHEAST OF PUERTO RICO
AUG 12	0:33:38	12.0N	86.0W	0:39:0.5	100		NICARAGUA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
AUG 12	2: 0:52	3.0S	80.5W	2: 8:20.0			NEAR COAST OF ECUADOR
AUG 12	9:58:22	16.5S	177.5W	10:16:59.0		6.5	FIJI ISLANDS REGION
AUG 12	18: 6: 7	35.0W	87.0W	18: 9: 9.5			** ALABAMA-TENN BORDER REGION
AUG 15	8:57: 7	22.0N	121.0E	9:15:54.5	60	6.7	TAIWAN - 16 DEAD
AUG 15	22:56:15	10.0W	85.5W	23: 1:42.0	200		COSTA RICA
AUG 17	1:33:11	41.0N	20.0E	1:44:50.5			ALBANIA
AUG 17	21: 4:40	7.5S	156.0E	21:23:43.0		7.2	SOLOMON ISLANDS
AUG 18	5:13:30	42.0N	127.0W	5:20:43.5			OFF COAST OF OREGON
AUG 18	6:37:15	44.8N	111.1W	6:42:49.0		7.1	HEBGEN LAKE, MONTANA - 28 DEAD
AUG 18	8:41:50	44.8N	110.7W	8:47:21.0		6.0	HEBGEN LAKE AFTERSHOCK
AUG 18	11: 3:52	44.8N	111.1W	11: 9:20.0		5.5	HEBGEN LAKE AFTERSHOCK
AUG 18	15:26: 6	44.9N	110.8W	15:31:40.0		6.5	HEBGEN LAKE AFTERSHOCK
AUG 19	4: 4: 3	44.9N	111.6W	4: 9:41.5		6.0	HEBGEN LAKE AFTERSHOCK
AUG 19	19:43:47	45.0N	110.5W	19:49:22.5			HEBGEN LAKE AFTERSHOCK
AUG 20	7:18:34	7.0S	85.0W	7:26:41.0			OFF COAST OF PERU
AUG 20	19:11:27	45.0N	111.0W	19:16: 6.5			HEBGEN LAKE AFTERSHOCK
AUG 21	8: 3:15	50.5S	139.5E	8:23: 5.5		5.7	INDIAN OCEAN, S OF AUSTRALIA
AUG 21	9:37:49	50.5S	140.0E	9:57:41.5			INDIAN OCEAN, S OF AUSTRALIA
AUG 23	22:21:30	35.5N	3.0W	22:31:39.5			MEDITERRANEAN SEA
AUG 26	8:25:30	18.0N	94.5W	8:30:33.0		6.7	VERACRUZ, MEXICO - 40 KILLED
AUG 26	10:27:41	51.0N	132.0W	10:35:11.0			SOUTH OF QUEEN CHARLOTTE ISLANDS
AUG 28	12: 7:44	63.5N	149.0W	12:16:37.0			CENTRAL ALASKA
AUG 29	17: 3:10	52.0W	106.5E	17:16:22.0		6.5	LAKE BAIKAL, USSR
AUG 30	3:24:54	35.5N	3.0W	3:35: 4.0			MEDITERRANEAN SEA
SEP 1	10:49:43	20.0N	64.5W	10:54:21.0			NORTH OF PUERTO RICO
SEP 2	9:31:36	20.0N	65.0W	9:36:15.0			PUERTO RICO AFTERSHOCK
SEP 3	6:27:30	4.5S	123.0E	6:47: 6.0			CELEBES
SEP 4	18:36:41	1.0S	24.0W	18:37:13.0			SOUTH MID-ATLANTIC OCEAN
SEP 6	18:55:26	20.5S	69.5W	19: 4:54.0	200		NORTHERN CHILE
SEP 7	4: 3:20	1.0S	23.5W	4:13:52.0			SOUTH MID-ATLANTIC OCEAN
SEP 10	5:35: 4	6.5S	154.5E	5:54: 2.5			SOLOMON ISLANDS
SEP 11	23: 8:38	12.0N	87.5W	23:14: 8.0			NEAR COAST OF NICARAGUA
SEP 12	1:41: 3	20.0S	68.0W	1:50:39.0	150		SOUTHWESTERN BOLIVIA
SEP 13	19:49:36	45.0N	111.0W	19:55: 9.5			HEBGEN LAKE AFTERSHOCK
SEP 14	9:34:52	45.0N	111.0W	9:40:35.0			HEBGEN LAKE AFTERSHOCK
SEP 14	14: 9:39	28.5S	177.0W	14:28:13.5		7.7	KERNADEC ISLANDS
SEP 14	17: 6:15	29.0S	176.5W	18: 1:36.0		6.7	KERNADEC AFTERSHOCK (E/W)
SEP 15	5:59:42	28.5S	177.0W	6:19: 2.0		6.5	KERNADEC AFTERSHOCK
SEP 15	11: 5:33	21.5S	179.5W	11:23:50.0	600	6.5	FIJI ISLANDS
SEP 17	22:14:40	30.5N	114.0W	22:30:40.0		5.2	GULF OF CALIFORNIA
SEP 21	13: 9:36	10.0S	120.0E	13:29:29.0			SUMBA ISLAND
SEP 24	5:43:38	83.5N	112.5E	5:53:47.0			ARCTIC OCEAN
SEP 25	0:14:30	9.0S	113.5E	0:34:24.0			OFF EAST COAST OF JAVA
SEP 25	2:36:48	22.0N	122.0E	3: 5:49.0			NEAR EAST COAST OF TAIWAN
SEP 26	8:20:51	43.5N	128.5W	8:28:10.0		6.0	OFF COAST OF OREGON
SEP 26	10:18:20	22.0S	68.5W	10:28: 1.5	150		CHILE
OCT 5	18:27:47	83.5N	112.5E	18:37:58.0		5.7	ARCTIC OCEAN
OCT 6	11:37:21	45.0N	111.5W	11:51: 0.0			HEBGEN LAKE AFTERSHOCK
OCT 7	8:30:39	41.0N	20.0E	8:42:16.5			ALBANIA
OCT 8	2:35:20	52.5N	171.0W	2:45:53.5			FOX ISLANDS, ALEUTIAN ISLANDS
OCT 8	10:55:12	19.5N	73.5W	10:59:19.0			HAITI
OCT 12	3:43:44	19.0S	68.5W	3:53: 7.0	150		NORTHERN CHILE-BOLIVIA BORDER
OCT 15	6:15:32	0.5N	120.5E	6:38: 3.5		6.5	CELEBES
OCT 18	23:25:13	6.0S	105.0E	23:44:54.5	150		SUNDA STRAIT
OCT 27	2: 7:30	34.5N	80.2W	2: 7:59.5			** NORTH OF HCBEE, SOUTH CAROLINA
OCT 27	6:12:17	42.5N	127.0W	6:19:29.0		5.0	OFF COAST OF OREGON
OCT 27	6:52:50	45.5N	151.0E	7: 5:31.0	100	6.2	KURILE ISLANDS
OCT 31	18:31:18	2.0N	77.5W	18:37:59.0	100		SOUTHWESTERN COLOMBIA
NOV 3	9:40: 5	10.5S	111.5E	10: 0: 1.0			SOUTH OF JAVA
NOV 7	2:32: 7	36.5N	2.5E	2:42:45.0			NEAR COAST OF ALGERIA
NOV 8	13:54:55	44.0N	140.5E	14: 8:12.5		6.5	OFF W COAST OF HOKKAIDO, JAPAN
NOV 9	0: 5:36	18.5N	103.0W	0:11:24.5			MEXICO
NOV 15	17: 8:41	37.5N	20.5E	17:20:34.0		6.5	NEAR WEST COAST OF GREECE
NOV 16	10:21:17	1.0N	26.5W	10:31:27.0		6.2	NORTH MID-ATLANTIC OCEAN
NOV 19	11: 8:41	5.5S	146.0E	11:27:43.5		7.0	NEAR NORTH COAST OF NEW GUINEA
NOV 19	14: 8:20	12.0N	87.0W	14:13:46.5			NEAR COAST OF NICARAGUA
NOV 19	23:53:49	42.5N	126.5W	0: 1: 1.5	60		OFF COAST OF OREGON
NOV 20	19:29:18	1.0N	26.5W	19:39:44.5			NORTH MID-ATLANTIC OCEAN

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
NOV 26	7: 6:19	5.5S	102.5E	7:26:13.0		6.5	OFF WEST COAST OF SUMATRA
NOV 26	23: 9:23	5.5S	103.0E	23:29:14.0		6.7	OFF WEST COAST OF SUMATRA
NOV 27	18:51:27	5.5S	103.0E	19:11:21.5			OFF WEST COAST OF SUMATRA
NOV 28	12:34:53	28.5S	71.0W	12:45:36.0		6.5	CHILE
NOV 30	15:18:37	59.5W	152.0W	15:27:41.0			KENAI PENINSULA, ALASKA
DEC 2	7:30: 5	5.0S	104.0E	7:49:41.0	150		OFF SOUTH COAST OF SUMATRA
DEC 2	9:34: 0	1.0S	123.0E	9:53:34.0		6.5	CELEBES
DEC 14	17:58:33	5.5W	125.5E	18:17:32.0	200		NEAR S COAST OF MINDANAO, PHIL.
DEC 14	22: 0:50	52.5W	168.0W	22:11:14.5		6.0	FOX ISLANDS, ALUTIAN ISLANDS
DEC 14	23:21:56	59.5S	26.0W	23:39:52.0		7.0	SAWDRICH ISLANDS
DEC 17	5:53:46	5.5S	102.5E	6:13:38.0			OFF SOUTH COAST OF SUMATRA
DEC 18	16:24:50	53.0W	168.5W	16:35:13.0		6.5	FOX ISLANDS, ALUTIAN ISLANDS
DEC 22	2:38:57	40.3W	124.5W	2:45:58.0		4.5	HURBOLDT CO., CALIFORNIA
DEC 25	10:18:47	25.5S	68.5W	10:29: 1.0	100	6.5	CHILE-ARGENTINA BORDER
DEC 26	18:19:10	59.5W	151.5W	18:28:13.5		6.2	KENAI PENINSULA, ALASKA
DEC 26	22: 2:35	53.0W	160.0E	22:14:30.0			KANCHATKA FORESHOCK
DEC 27	15:52:55	56.0W	162.5E	16: 4:35.0		6.7	NEAR EAST COAST OF KANCHATKA
DEC 28	7:20:32	52.5W	160.0E	7:32:29.0		6.2	NEAR EAST COAST OF KANCHATKA
DEC 28	10: 3: 8	22.5S	67.5W	10:13: 4.0	100		CHILE-BOLIVIA BORDER

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1960

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 1	4:11:40	49.0N	153.5E	4:24: 4.5			KURILE ISLANDS
JAN 1	23:12:33	56.0N	162.5E	23:24:12.5			NEAR EAST COAST OF KAMCHATKA
JAN 2	6:59:36	56.5N	163.5E	7:11:11.0			NEAR EAST COAST OF KAMCHATKA
JAN 3	20:19:30	39.5N	15.5E	20:30:25.0	250		TYRRHENIAN SEA
JAN 5	5:13:48	19.0S	69.5W	5:23:27.5			NORTHERN CHILE
JAN 9	7:24: 3	36.0N	70.0E	7:41:37.5	200		HINDU KUSH
JAN 13	15:40:34	16.0S	72.0W	15:49:27.0	200	7.5	SOUTHERN PERU - 57 DEAD
JAN 13	16:29:41	51.5N	180.0W	16:40:50.5			ANDREANOF ISLANDS, ALEUTIAN IS.
JAN 15	9:30:24	15.0S	75.0W	9:39:14.0	150	6.5	NEAR COAST OF SOUTHERN PERU
JAN 16	20:49:31	63.0N	151.0W	20:58:17.0	150		CENTRAL ALASKA
JAN 17	2:57:58	14.5S	74.5W	3: 6:45.5	150	6.2	NEAR COAST OF SOUTHERN PERU
JAN 18	19:30:18	9.0N	77.0W	19:35:43.0	100		OFF COAST OF PANAMA
JAN 19	2:16:52	52.0N	158.0E	2:29: 0.5		6.2	NEAR SE COAST OF KAMCHATKA
JAN 19	8:50:24	17.0N	98.0W	8:55:52.5			NEAR COAST OF OAXACA, MEXICO
JAN 20	1: 3:25	3.5N	31.0W	1:12:52.0			NORTH MID-ATLANTIC OCEAN
JAN 23	4:40:56	4.0S	127.5E	5: 0:30.0		6.5	CERAM ISLAND REGION
JAN 23	17:56:30	4.0S	127.5E	18:15:58.5		6.5	CERAM ISLAND REGION
JAN 24	0:39:33	43.5N	127.5W	0:46:49.0		4.5	OFF COAST OF OREGON
JAN 24	4:21:42	15.5S	179.0W	4:49:46.0		6.0	FIJI ISLANDS (W/S)
JAN 26	18:19:55	13.0N	87.5W	18:25:14.0	60		NEAR COAST OF NICARAGUA
FEB 3	11:29:55	24.0N	108.5W	11:35:52.5			GULF OF CALIFORNIA
FEB 4	3:46:44	4.5S	153.5E	4: 7:17.0			NEW IRELAND REGION
FEB 5	2: 2:14	37.0S	95.5W	2:13:52.0			SOUTH PACIFIC OCEAN
FEB 6	17:10:45	6.0S	104.0E	17:30:31.5			NEAR COAST OF SUMATRA
FEB 7	10: 7:50	5.0N	123.0E	10:28:42.5	600		CELEBES SEA
FEB 9	14: 0: 6			14: 0:46.5			** HENDERSON COUNTY, NORTH CAROLINA
FEB 9	23:55:49	4.0S	128.0E	0:15:20.5		6.5	CERAM ISLAND REGION
FEB 11	12:53:59	34.0S	70.5W	13: 5: 4.0	100		CHILE
FEB 15	7:36: 8	12.0N	87.0W	7:41:36.5			NEAR COAST OF NICARAGUA
FEB 17	12:32:10	30.0S	112.5W	12:43:41.0		6.5	EASTER ISLAND REGION
FEB 21	8:13:31	36.0N	4.5E	8:24:20.0			NORTHERN ALGERIA - 84 DEAD
FEB 24	21:37: 4	7.5S	156.0E	21:56: 2.0		6.5	SOLOMON ISLANDS
FEB 26	21:29: 5	17.5N	93.5W	21:34:44.5	150		CHIAPAS, MEXICO
FEB 26	23:29:25	51.5N	178.0W	23:40:26.5		6.0	ANDREANOF ISLANDS, ALEUTIAN IS.
FEB 27	8:10: 3	51.5N	178.0W	8:21: 3.5			ANDREANOF ISLANDS, ALEUTIAN IS.
FEB 27	9: 5:25	6.5S	102.5E	9:25:18.5			OFF SOUTH COAST OF SUMATRA
FEB 28	23: 5:39	3.0S	142.0E	23:24:54.0			NEW GUINEA
FEB 29	23:40:12	30.0N	9.0W	23:50: 4.0		6.2	MOROCCO - 10000 TO 12000 DEAD
MAR 2	0:10:26	19.0N	101.5W	0:16: 1.5			MICHOACAN, MEXICO
MAR 4	2:16: 1	50.5N	176.5W	2:26:59.0			ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 6	4:12: 0	24.0N	108.0W	4:17:46.5	60	5.0	GULF OF CALIFORNIA
MAR 8	16:33:38	16.5S	168.5E	16:51:57.5	250	7.0	NEW HEBRIDES ISLANDS
MAR 9	23:54:25	16.5S	72.5W	0: 3:26.5	150		SOUTHERN PERU
MAR 12	12:47:40			12:48:18.0			** SOUTH CAROLINA
MAR 13	11:46:56	17.0N	98.5W	11:52:20.0	150		GUEBREBO, MEXICO
MAR 13	23:53:32	7.5N	77.0W	23:59:25.0	60	6.0	PANAMA-COLOMBIA BORDER
MAR 15	9:21: 0	50.5N	174.5W	9:31:48.5	50		ANDREANOF ISLANDS, ALEUTIAN IS.
MAR 18	1:14:55	14.5N	90.0W	1:19:54.0	150		GUATEMALA
MAR 20	17: 7:32	40.0N	143.0E	17:20:55.0	60	7.0	OFF NE COAST OF HONSHU, JAPAN
MAR 22	1:48:24	16.0N	97.5W	1:54: 1.0			NEAR COAST OF OAXACA, MEXICO
MAR 27	20:15:43	19.5N	105.5W	20:21:37.0	60	5.7	JALISCO, MEXICO
MAR 27	23:28:24	38.5S	175.0E	23:48:37.5	250		OFF COAST OF NORTH ISLAND, N.Z.
MAR 28	0:13:38	7.5N	82.0W	0:19:36.5		6.2	OFF SOUTH COAST OF PANAMA
MAR 29	6:30:54	17.0S	167.0E	6:49:50.5		6.2	NEW HEBRIDES ISLANDS
MAR 31	19:56:14	26.0N	110.0W	20: 2: 5.5		5.5	GULF OF CALIFORNIA
APR 1	14:12: 5	49.0N	129.5W	14:33:17.0			OFF COAST OF VANCOUVER I. (N/S)
APR 6	2: 5: 6	20.0S	68.5W	2:14:56.0			CHILE-BOLIVIA BORDER
APR 13	12:37:43	15.5N	92.0W	12:42:52.5	50	5.7	GUATEMALA-MEXICO BORDER
APR 21	2:16:38	2.5S	109.5W	2:25:11.0	80	5.7	2000 KM WEST OF GALAPAGOS IS.
APR 24	3:22:28	6.0S	113.5E	3:41: 5.5	650		JAVA SEA
APR 25	18:53:17	13.5N	88.5W	18:58:30.0	100		NEAR COAST OF EL SALVADOR
APR 29	19:32:18	0.0N	121.0E	19:51:31.0			CELEBES
APR 30	22:10: 7	6.0S	124.5E	22:28:36.0	600		BANDA SEA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAY 10	23:16:17	15.5N	92.5W	23:21:13.0			NEAR COAST OF CHIAPAS, MEXICO
MAY 12	22:32:32	7.5W	81.0W	22:38:30.5		6.5	NEAR SOUTH COAST OF PANAMA
MAY 13	16: 7:14	55.0N	161.5W	16:17: 1.5		6.2	ALASKA PENINSULA
MAY 14	22:19:55	53.5N	159.5E	22:31:52.5			KAMCHATKA
MAY 18	6:35: 9	29.0W	130.0E	6:53:50.0	100	6.7	RYUKYU ISLANDS
MAY 19	10:11:51	17.0S	66.0E	10:31:48.0			MASCARENE ISLANDS REGION
MAY 20	11:12:37	28.5S	167.5E	11:31:34.0	60	6.5	NORFOLK ISLAND
MAY 20	17:54: 2	45.0W	111.0W	17:59:32.5			HEBGEN LAKE, MONTANA
MAY 21	10: 2:50	37.5S	73.5W	10:14:25.5		7.2	NEAR COAST OF CHILE
MAY 21	10:53:51	37.5S	72.5W	11: 5:22.5			CHILE
MAY 21	12:59:58	37.5S	72.5W	13:11:31.0			CHILE
MAY 22	10:30:39	38.0S	73.5W	10:42:13.5		6.2	NEAR COAST OF CHILE
MAY 22	10:32:43	37.5S	73.0W	10:44:17.5		7.0	NEAR COAST OF CHILE
MAY 22	12:16:43	38.0S	73.0W	12:28:22.0			CHILE
MAY 22	18:55:57	38.0S	73.5W	19: 7:36.0		6.5	NEAR COAST OF CHILE
MAY 22	23:29:18	39.5S	72.0W	23:41: 4.5			CHILE
MAY 23	0:25:44	38.5S	75.0W	0:37:22.0			NEAR COAST OF CHILE
MAY 23	0:51:15	37.5S	71.5W	1: 2:45.5	50		CHILE
MAY 23	1:34:53	39.5S	74.0W	1:46:36.5			NEAR COAST OF CHILE
MAY 23	2:46:30	41.5S	73.5W	2:58:26.0			SOUTHERN CHILE
MAY 23	2:56:17	43.0S	75.5W	3: 8:20.0			NEAR COAST OF CHILE
MAY 23	5:13:41	38.0S	73.0W	5:25:12.0	60		CHILE
MAY 23	7: 9:17	48.0S	77.0W	7:21:48.5			OFF COAST OF CHILE
MAY 23	10:37:59	43.5S	73.5W	10:50: 7.5			CHILE
MAY 24	14:46:34	44.5S	167.5E	15: 5:47.5		6.7	SOUTH ISLAND, NEW ZEALAND
MAY 25	8:34:33	45.0S	76.0W	8:46:50.0		6.2	OFF COAST OF CHILE
MAY 26	5:10: 5	40.0W	20.0E	5:21:52.0		6.5	ALBANIA-GREECE BORDER - 8 DEAD
MAY 27	23: 6:55	45.0S	77.0W	23:19:10.5			OFF COAST OF CHILE
MAY 28	11: 5:40	38.0S	73.0W	11:17:19.0			CHILE
MAY 29	7:39:29	38.0S	72.5W	7:51: 5.0		6.2	CHILE
MAY 29	21:23:54	43.0S	77.0W	21:50:59.5			OFF COAST OF SOUTHERN CHILE
MAY 31	2:40: 0	39.5S	75.0W	2:51:46.0		6.0	CHILE
MAY 31	11: 2:20	18.0W	62.0W	11: 7:33.5		5.7	LEEWARD ISLANDS
JUN 1	5: 2:56	38.0S	73.0W	5:14:33.5			CHILE
JUN 1	21:12:50	42.0S	74.0W	21:24:49.0			NEAR COAST OF CHILE
JUN 2	5:58: 3	46.5S	74.0W	6:10:24.5		6.7	SOUTHERN CHILE
JUN 2	8:36:10	40.0S	74.0W	8:47:57.0			NEAR COAST OF CHILE
JUN 4	2:27: 6	20.0W	104.5W	2:32:55.5		6.0	NEAR COAST OF JALISCO, MEXICO
JUN 6	1:17:48	40.8W	124.9W	1:24:53.5		5.5	OFF COAST OF NORTHERN CALIFORNIA
JUN 6	5:55:50	45.5S	73.5W	6: 8: 3.0	60	6.7	NEAR COAST OF CHILE
JUN 11	0:34:48	21.0S	64.5W	0:44:17.0	300	6.2	SOUTHERN BOLIVIA
JUN 11	15:14: 7	9.0S	152.5E	15:33:15.0		6.0	D'ENTRECASTEAUX ISLANDS
JUN 11	16:37:40	9.5S	152.5E	16:56:52.5			D'ENTRECASTEAUX ISLANDS
JUN 12	7:19:43	36.0S	98.0W	7:31:14.5		6.2	SOUTH PACIFIC OCEAN
JUN 13	5:47: 5	44.5S	76.5W	5:59:19.5			OFF COAST OF SOUTHERN CHILE
JUN 15	23:27:40	0.5S	133.0E	23:47: 1.5			WESTERN NEW GUINEA
JUN 17	16:35:32	52.5W	173.5W	16:46:19.5		6.0	ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 20	2: 1: 8	38.0S	73.5W	2:12:45.5		7.0	NEAR COAST OF CHILE
JUN 20	12:59:40	39.5S	73.0W	13:11:24.0		6.7	SOUTHERN CHILE
JUN 22	23:28:50	52.0W	173.0W	23:39:33.5			ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 25	13:53:37	6.5W	72.5W	13:59:49.5			COLOMBIA
JUN 25	19:35:27	28.0S	68.0W	19:45:57.0	100		CATANARCA PROVINCE, ARGENTINA
JUN 29	17: 7: 0	53.0N	168.5W	17:17:18.5			FOX ISLANDS, ALEUTIAN ISLANDS
JUN 30	19:58:33	60.0W	151.0W	20: 7:33.5			KENAI PENINSULA, ALASKA
JUL 1	7:58:58	56.0N	165.0E	8:10:41.0			KOMANDORSKIE ISLANDS
JUL 3	3:19:19	52.0N	174.0W	3:30: 1.5			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 3	20:20:46	50.5N	177.0W	20:31:47.5		6.5	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 3	22:52:24	50.5N	177.0W	23: 3:24.0			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 4	4:28:33	52.0N	131.5W	4:36:12.0		6.5	QUEEN CHARLOTTE ISLANDS
JUL 4	13:10: 5	52.0N	131.0W	13:17:41.5		6.0	QUEEN CHARLOTTE ISLANDS
JUL 5	5: 7:59	51.5N	178.5W	5:18:59.5			ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 10	0: 5:38	1.0N	98.5E	0:28:56.5	150		OFF WEST COAST OF SUMATRA
JUL 10	13:39:55	12.5N	86.0W	13:45: 7.5	150		NEAR COAST OF NICARAGUA
JUL 13	16:23:56	17.0N	94.5W	16:28:55.0	150		OACACA, MEXICO
JUL 14	10:27:11	5.0N	127.0E	10:46:17.5	100		MOLUCCA PASSAGE
JUL 16	4:44:34	21.5S	67.0W	4:54:19.5	150		SOUTHERN BOLIVIA
JUL 19	4:19:14	7.0S	80.0W	4:27:15.5			NEAR COAST OF PEPU
JUL 19	16: 3:18	16.5N	92.5W	16: 8:11.0	200		CHIAPAS, MEXICO
JUL 20	9:30:38	49.0N	157.5E	9:42:59.0			KURILE ISLANDS REGION
JUL 24	9:48:56	56.0N	164.0E	10: 0:32.5			NEAR COAST OF KAMCHATKA
JUL 25	3:41: 5	55.0N	163.0E	3:52:50.5		5.7	NEAR COAST OF KAMCHATKA
JUL 25	11:12: 0	54.0N	159.0E	11:23:49.5	100	6.7	KAMCHATKA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUL 27	0:56:10	6.0S	103.5E	9:16: 5.5	93		NEAR COAST OF SUMATRA
JUL 27	10: 5: 7	44.5S	76.0W	10:17: 5.5	150	6.0	NEAR COAST OF SOUTHERN CHILE
JUL 29	17:31:45	40.0N	142.5E	17:45: 1.5	100	6.7	HONSHU, JAPAN
JUL 31	2:55:51	6.0S	150.0E	3:14:46.5	100	6.0	NEW BRITAIN
JUL 31	14:54:59	43.5S	75.0W	15: 7: 3.0	97		NEAR COAST OF SOUTHERN CHILE
AUG 2	6:14:48	51.7W	178.4W	6:25:47.5	24		ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 4	7:14:48	51.2W	179.0E	7:45:59.0	20	6.0	RAT ISLANDS, ALEUTIAN ISLANDS
AUG 5	16: 6:36	50.2W	157.0E	16:18:48.5	48		NEAR SOUTH COAST OF KAMCHATKA
AUG 5	22:27:40	51.2W	178.7E	22:38:46.8	46		RAT ISLANDS, ALEUTIAN ISLANDS
AUG 6	14:49:53	42.6S	75.7W	15: 1:44.5	78		OFF COAST OF CHILE
AUG 8	15:34:26	2.1S	12.6W	15:45:52.5	37		SOUTH ATLANTIC OCEAN
AUG 9	7:39:18	40.3W	127.0W	7:46:38.5		6.2	OFF COAST OF NORTHERN CALIFORNIA
AUG 11	2:36:58	52.3W	176.1W	2:47:38.5	126		ANDREANOF ISLANDS, ALEUTIAN IS.
AUG 11	4:50:33	9.0W	126.3E	5: 9:27.0	66		NEAR COAST OF HINDANAO, PHIL.
AUG 13	7:11: 6	40.4N	142.4E	7:24:25.8	54		NEAR E COAST OF HONSHU, JAPAN
AUG 13	14:14:57	40.0S	74.9W	14:26:38.0	56	6.7	NEAR COAST OF SOUTHERN CHILE
AUG 14	22:46: 8	23.7S	66.6W	22:55:56.0	226		JUJUY PROVINCE, ARGENTINA
AUG 16	2:47:18	16.6S	71.4W	2:56:24.5	116		SOUTHERN PERU
AUG 19	17: 3:47	54.1W	160.5E	17:15:29.0	77		NEAR EAST COAST OF KAMCHATKA
AUG 20	0:19:35	14.5W	91.5W	0:24:43.5	115	6.0	GUATEMALA
AUG 20	20: 8:41	35.7S	15.4W	20:21:56.0	45	6.0	TRISTAN DA CUNHA REGION
AUG 21	12:49:35	5.2W	125.3E	13: 8:18.5	165		NEAR S COAST OF HINDANAO, PHIL.
AUG 23	14: 8:15	0.9W	25.9W	14:18:26.0	24		NORTH ATLANTIC OCEAN
AUG 25	17:41:57	52.5W	169.2W	17:52:23.0	22		FOX ISLANDS, ALEUTIAN ISLANDS
AUG 28	6: 5:17	4.2W	82.5W	6:11:43.0	33		SOUTH OF PANAMA
AUG 30	6:45:16	21.0S	113.7W	6:55:59.5	40		800 KM NW OF EASTER ISLAND
SEP 1	15:37:14	56.3W	153.7W	15:46:31.3	24	6.0	KODIAK ISLAND, ALASKA
SEP 2	22: 2:49	52.2W	171.4W	22:13:20.0	49	5.7	FOX ISLANDS, ALEUTIAN ISLANDS
SEP 3	12:41:35	6.5S	154.5E	12:59:42.0	457	6.5	SOLOMON ISLANDS
SEP 3	23:46:24	44.8W	149.1E	23:59:18.3	27	6.2	KURILE ISLANDS
SEP 7	1:17:39	37.4S	16.1W	1:30:55.5	25	5.2	TRISTAN DA CUNHA REGION
SEP 8	11: 7:41	6.2W	126.2E	11:26:53.0	47	5.5	NEAR EAST COAST HINDANAO, PHIL.
SEP 8	14:32: 0	52.1W	158.8E	14:44: 1.5	29		KAMCHATKA
SEP 9	16:19:20	71.9W	0.3W	16:28:26.5	25	4.7	JAN HAYEN ISLAND REGION
SEP 9	20: 4:33	71.7W	1.3W	20:13:50.5	23	4.7	JAN HAYEN ISLAND REGION
SEP 10	10:44:47	4.1W	122.7E	11: 5:44.5	568		CELEBES SEA
SEP 14	1:53:22	19.7W	70.2W	1:57:34.1	15	4.5	DOMINICAN REPUBLIC
SEP 17	7:52:51	49.5W	155.4E	8: 5:12.5	35		KURILE ISLANDS
SEP 17	8: 5:29	46.6W	155.2E	8:17:52.5	28	6.0	KURILE ISLANDS
SEP 19	19: 1:25	6.9W	77.5W	19: 7:23.5	66	6.0	COLOMBIA-PANAMA BORDER
SEP 21	3:44:21	10.4W	88.6W	3:50: 5.0	60		OFF COAST OF EL SALVADOR
SEP 21	10:38:31	53.6W	166.1W	10:48:39.5	38		FOX ISLANDS, ALEUTIAN ISLANDS
SEP 23	0:20:34	20.3W	56.7W	0:26: 0.5	17	4.0	NORTH ATLANTIC OCEAN
SEP 26	15:13:26	51.8W	172.2W	15:24: 3.0	44	5.0	ANDREANOF ISLANDS, ALEUTIAN IS.
SEP 26	16:58:14	16.0S	72.9W	17: 7:42.0	115		SOUTHERN PERU
SEP 29	6:27:56	17.4S	68.5W	6:37:13.0	115		PERU-BOLIVIA BORDER
SEP 29	11:18:53	19.0W	144.7E	11:37:21.0	469	6.0	MARIANA ISLANDS
SEP 29	18:54:27	15.3W	90.0W	18:59:27.0	86	4.7	GUATEMALA
OCT 3	19:50:49	5.8S	103.0E	20:10:35.0	51		OFF COAST OF SUMATRA
OCT 6	19:55:42	58.4W	31.6W	20: 3: 1.0	63		NORTH ATLANTIC OCEAN (N/S)
OCT 7	15:18:31	7.4S	130.7E	15:37:52.0	45	6.5	BANDA SEA
OCT 8	1:51:52	16.9W	97.8W	1:57:15.5	29	4.7	OAXACA, MEXICO
OCT 9	9: 0:42	40.8N	141.2E	9:13:48.0	155	6.0	NEAR W COAST OF HONSHU, JAPAN
OCT 11	8: 5:30	38.3W	107.6W	8:10:33.5	49	4.7	WESTERN COLORADO
OCT 13	14:52:35	55.0N	161.2E	15: 4:20.5	35	6.5	KAMCHATKA
OCT 14	21:19:11	51.9W	172.1W	21:29:47.5	50	6.5	ANDREANOF ISLANDS, ALEUTIAN IS.
OCT 14	22:55:42	55.5W	35.2W	23: 2:39.5	40		NORTH ATLANTIC OCEAN
OCT 16	9:34:45	14.0N	91.2W	9:39:58.5	135	5.0	OFF COAST OF NICARAGUA
OCT 17	15:45:37	4.9W	78.4W	15:51:49.0	83	4.7	OFF WEST COAST OF COLOMBIA
OCT 17	22:15:32	14.7W	92.8W	22:20:42.5	128	5.7	MEXICO-GUATEMALA BORDER
OCT 28	4:18:42	71.4W	8.6W	4:27:37.5	48	6.7	JAN HAYEN ISLAND
OCT 28	13:18:14	52.2W	157.4E	13:30:15.0	96	7.0	KAMCHATKA
OCT 29	4:17: 2	15.5W	46.4W	4:23:59.0	38	4.7	NORTH ATLANTIC OCEAN
OCT 30	13:11:54	23.4S	70.6W	13:21:53.0	65		NEAR COAST OF CHILE
OCT 30	21:32:48	22.9S	68.0W	21:42:49.0	60	6.7	CHILE-BOLIVIA BORDER

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
NOV 1	6:15:29	11.2S	12.7W	6:27:28.5	35	5.0	ASCENSION ISLAND REGION
NOV 1	8:45:59	38.5S	75.1W	8:57:33.0	55	6.5	NEAR COAST OF CHILE
NOV 2	17:14:54	11.2S	164.8E	17:33:37.0	80	6.5	SANTA CRUZ ISLANDS
NOV 5	20:20:54	39.4N	20.5E	20:32:33.0	49	5.0	NEAR EAST COAST OF GREECE
NOV 6	4:38:17	53.2N	159.8E	4:50:14.0	32	5.5	NEAR EAST COAST OF KAMCHATKA
NOV 6	22:10:6	52.9N	168.0W	22:20:24.5	43	5.0	FOX ISLANDS, ALUTIAN ISLANDS
NOV 9	1:17:37	21.6S	67.5W	1:27:23.5	131		NEAR CHILE-BOLIVIA BORDER
NOV 9	20:6:16	23.4S	70.6W	20:16:18.5	52	5.5	NEAR COAST OF CHILE
NOV 10	14:44:49	2.7S	139.3E	15:4:0.0	39	6.7	NEAR NORTH COAST OF NEW GUINEA
NOV 13	6:37:6	1.4N	127.3E	6:56:24.5	60	5.5	MOLUCCA PASSAGE
NOV 13	9:20:32	51.4N	168.8W	9:30:58.5	32	6.7	FOX ISLANDS, ALUTIAN ISLANDS
NOV 14	19:59:35	14.9N	92.8W	20:4:46.0	114	5.0	NEAR COAST OF CHIAPAS, MEXICO
NOV 16	15:38:22	10.4W	74.2W	15:43:51.0	55	4.5	NEAR COAST OF COLOMBIA
NOV 17	19:46:51	52.6W	170.1W	19:57:17.0	46		FOX ISLANDS, ALUTIAN ISLANDS
NOV 20	22:1:56	6.8S	81.0W	22:9:49.0	55	6.5	NEAR COAST OF PERU - 11 DEAD
NOV 21	4:21:49	6.5S	80.7W	4:29:38.0	73		NEAR COAST OF PERU
NOV 22	3:3:3	8.2N	38.4W	3:11:29.0	33		NORTH ATLANTIC OCEAN
NOV 22	6:21:45	36.1S	52.3E	6:41:22.0	21	6.7	INDIAN OCEAN, N OF CROZET IS.
NOV 22	12:28:55	40.3S	73.9W	12:40:38.0	49	5.5	NEAR COAST OF SOUTHERN CHILE
NOV 23	14:12:21	24.4S	176.1W	14:31:25.0	28	6.7	SOUTH OF TONGA ISLANDS REGION
NOV 24	6:52:41	24.4S	176.1W	7:10:36.0	23	7.0	SOUTH OF TONGA ISLANDS REGION
NOV 29	9:32:0	44.1S	76.0W	9:43:51.5	63	5.2	NEAR COAST OF SOUTHERN CHILE
DEC 1	20:49:45	49.0W	129.3W	20:57:12.0	15	6.0	OFF COAST OF VANCOUVER ISLAND
DEC 2	9:10:39	24.6S	69.7W	9:20:52.0	19	6.7	NEAR COAST OF CHILE
DEC 2	9:37:36	24.4S	69.5W	9:47:48.0	46	6.7	NEAR COAST OF CHILE
DEC 3	4:24:19	42.9W	104.4E	4:38:9.0	60	6.5	OUTER MONGOLIA
DEC 3	7:7:43	52.7W	177.4W	7:18:26.0	160		ANDREANOF ISLANDS, ALUTIAN IS.
DEC 4	18:30:20	12.9W	88.6W	18:35:35.0	56		NEAR COAST OF EL SALVADOR
DEC 6	8:56:8	8.2N	82.6W	9:1:57.5	25	6.0	NEAR COAST OF PANAMA
DEC 6	8:56:9	21.4S	69.2W	9:6:2.0	28	5.2	NORTHERN CHILE
DEC 6	21:34:9	2.6S	101.5E	21:53:45.0	54		SUMATRA
DEC 8	11:20:8	31.8S	68.9W	11:30:58.0	140		SAN JUAN PROVINCE, ARGENTINA
DEC 14	23:51:31	3.0W	126.3E	0:10:42.0	78	6.7	MOLUCCA PASSAGE
DEC 15	23:24:36	12.3W	87.8W	23:30:0.0	39		NEAR COAST OF NICARAGUA
DEC 17	10:37:18	6.4S	109.4E	10:56:30.5	297		JAVA SEA
DEC 19	10:0:42	8.3N	39.5W	10:9:1.0	25		NORTH ATLANTIC OCEAN
DEC 21	14:39:48	65.5W	152.9W	14:48:53.5	125	5.7	SOUTH CENTRAL ALASKA
DEC 23	9:41:39	3.5S	101.8E	10:1:22.0	139		NEAR COAST OF SUMATRA
DEC 24	23:18:28	3.7S	78.0W	23:26:1.0	23		PERU-ECUADOR BORDER REGION
DEC 27	10:35:26	41.5W	125.0W	10:42:29.0	30	5.4	OFF COAST OF NORTHERN CALIFORNIA
DEC 27	11:8:48	41.6W	124.8W	11:14:45.5	25	4.2	OFF COAST OF NORTHERN CALIFORNIA
DEC 27	18:9:42	13.8S	74.3W	18:18:28.5	82		NEAR COAST OF PERU
DEC 29	19:1:38	18.9S	69.4W	19:11:13.5	39		NORTHERN CHILE
DEC 31	18:8:8	44.1S	75.4W	18:20:14.0	25	6.5	NEAR COAST OF SOUTHERN CHILE

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1961

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 5	14: 6:26	51.8N	176.3W	14:17:19.0	37	6.2	ANDREANOF ISLANDS, ALUTIAN IS.
JAN 5	15:53:56	4.1S	143.0E	16:12:58.0	108	6.7	NEW GUINEA
JAN 6	6:21:39	52.0N	176.0W	6:32:28.0	40		ANDREANOF ISLANDS, ALUTIAN IS.
JAN 6	7: 5:48	53.5N	159.7E	7:17:43.5	24		KAMCHATKA
JAN 6	10:48:23	14.3N	95.0W	10:54: 2.5	45		OFF SOUTH COAST OF MEXICO
JAN 8	5:21:47	15.9S	73.1W	5:30:39.5	135		SOUTHERN PERU
JAN 9	19:22: 6	17.9N	61.0W	19:27:21.5	31		LLEWARD ISLANDS
JAN 10	14:22:19	50.3N	155.9E	14:34:36.5	25	6.2	KURILE ISLANDS REGION
JAN 11	11:59:55	52.0N	171.0W	12:10:25.0	47		FOX ISLANDS, ALUTIAN ISLANDS
JAN 11	19:29: 8	24.8S	69.5W	19:39:10.5	128		NEAR COAST OF NORTHERN CHILE
JAN 18	4:22:24	32.1S	64.3W	4:33:29.0	57		CORDOBA PROVINCE, ARGENTINA
JAN 19	17:22:17	49.9N	155.0E	17:34:36.5	31	5.2	KURILE ISLANDS
JAN 28	3:24:47	13.6S	76.6W	3:33:27.5	86	5.0	NEAR COAST OF PERU
JAN 28	14: 6:13	45.1S	106.4W	14:18:42.0	25		SOUTH PACIFIC OCEAN
JAN 29	13:23:55	52.0N	175.9W	13:34:44.5	41		ANDREANOF ISLANDS, ALUTIAN IS.
JAN 30	12:12:40	65.3N	149.9W	12:21:34.5	34	5.5	CENTRAL ALASKA
JAN 31	0:48:36	56.0N	153.9W	0:57:54.5	26	6.0	NEAR KODIAK ISLAND, ALASKA
FEB 4	1:13: 7	18.3S	69.5W	1:22:21.0	158		CHILE-BOLIVIA BORDER
FEB 5	15:38:34	8.1W	82.8W	15:44:24.5	49		SOUTH OF PANAMA
FEB 6	10:30: 3	19.4S	69.2W	10:39:29.5	120		NORTHERN CHILE
FEB 6	12:12:22	51.7N	174.5W	12:23: 5.5	34	5.2	ANDREANOF ISLANDS, ALUTIAN IS.
FEB 6	18:15:23	44.9N	149.3E	18:28:14.5	33		KURILE ISLANDS
FEB 8	8: 4:13	10.4S	71.0W	8:11:51.5	600	5.7	BRAZIL-PERU BORDER
FEB 11	11:28: 7	23.5S	66.8W	11:37:52.5	220		JUJUY PROVINCE, ARGENTINA
FEB 12	21:53:43	43.9N	147.6E	22: 6:42.5	45	6.7	KURILE ISLANDS
FEB 12	23:26:37	44.1N	147.7E	23:39:35.0	50		KURILE ISLANDS
FEB 13	16:27:24	43.5N	147.9E	16:40:17.0	64	5.5	KURILE ISLANDS
FEB 14	3:22: 7	43.8N	147.6E	3:35: 3.0	50	6.0	KURILE ISLANDS
FEB 15	10:45:14	43.8N	147.4E	10:58:13.5	51	6.0	KURILE ISLANDS
FEB 16	13:54:53	43.8N	147.4E	14: 7:48.5	50	6.0	KURILE ISLANDS
FEB 26	5:48:46	32.9S	111.2W	6: 0:28.5	29	5.5	EASTERN ISLAND REGION
FEB 26	18:10:49	31.6N	131.2E	18:29:26.5	54	7.0	NEAR COAST OF KYUSHU, JAPAN
FEB 27	10:29:48	38.9S	72.4W	10:41:25.0	57		SOUTHERN CHILE
FEB 27	13: 6:36	52.7N	168.8W	13:16:53.0	56		FOX ISLANDS, ALUTIAN ISLANDS
FEB 27	15:44:22	9.7N	84.0W	15:49:53.0	85		NEAR COAST OF COSTA RICA
FEB 28	21:18:29	24.2S	68.1W	21:28:29.0	130		NORTHERN CHILE-ARGENTINA BORDER
MAR 4	10:19:34	20.4S	67.5W	10:29:14.5	109		NEAR CHILE-BOLIVIA BORDER
MAR 4	21: 9:10	12.7N	88.0W	21:14:24.0	85		NEAR COAST OF EL SALVADOR
MAR 5	1:26:26	10.7S	161.6E	1:46:31.0	99	6.2	SOLOMON ISLANDS REGION
MAR 7	10:10:39	28.3S	175.7W	10:29: 8.0	43	7.0	KERNADEC ISLANDS REGION
MAR 9	3:59: 9	10.9N	41.7W	4: 7: 3.0	27		NORTH ATLANTIC OCEAN
MAR 10	23:12:20	10.1N	83.6W	23:17:51.5	56		NEAR COAST OF COSTA RICA
MAR 11	1:31:34	48.7N	154.6E	1:44: 1.0	26	6.5	KURILE ISLANDS
MAR 12	2:49:33	17.4N	107.3W	2:55:50.0	57	5.2	OFF COAST OF MEXICO
MAR 13	8: 3:44	19.2N	107.3W	8: 9:49.0	49	6.2	OFF WEST COAST OF MEXICO
MAR 16	13:45:36	8.2S	122.0E	14: 5:12.0	74	6.2	FLORES ISLAND
MAR 16	18:21:12	8.1S	122.0E	18:40:54.0	43		FLORES ISLAND
MAR 18	14:54:59	49.9S	163.3E	15:14:15.5	38	6.5	SOUTH OF NEW ZEALAND
MAR 20	6:16:21	11.3N	86.5W	6:21:46.0	60	6.0	OFF WEST COAST OF NICAPAGUA
MAR 20	15:53:26	18.4S	175.3W	16:11:28.0	178	6.5	TONGA ISLANDS
MAR 27	20:52:39	8.8N	104.2W	20:59:36.0	26		1130 KM S OF MICHUACAN, MEXICO
MAR 28	9:35:55	0.2N	123.6E	9:55: 7.5	83	6.7	NORTHERN CEBEBES
MAR 28	12:29:13	51.7N	176.2W	12:40: 1.5	60	5.5	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 28	13:58:59	52.0N	176.0W	14: 9:41.5	89		ANDREANOF ISLANDS, ALUTIAN IS.
MAR 28	21: 1:56	22.1S	68.0W	21:11:47.0	125	6.0	CHILE-BOLIVIA BORDER
MAR 30	7:42:59	22.0N	107.8W	7:48:56.0	20	5.5	GULF OF CALIFORNIA
APP 6	4: 4:46	40.1N	124.8W	4:11:44.0	73	5.0	NEAR COAST OF NORTHERN CALIF.
APP 7	19:54:57	57.3N	163.6E	20: 6:34.0	42		NEAR EAST COAST OF KAMCHATKA
APP 8	4:22: 9	2.2S	79.2W	4:29:29.0	25		ECUADOR
APP 9	4:47: 2	2.2S	79.2W	4:54:21.0	25		ECUADOR
APP 9	9: 3:49	2.1S	79.1W	9:11: 6.0	24		ECUADOR
APP 8	17:59:47	38.4S	72.7W	18:11:19.0	60	6.5	CHILE
APP 9	7:21:16	36.7N	121.3W	7:30: 1.0	11	5.5	SAN BENITO CO., CALIFORNIA
APP 9	7:25:41	37.7N	121.3W	7:32:25.0	13	5.5	SAN BENITO CO., CALIFORNIA
APP 9	17:17:44	14.3S	70.2W	17:27:19.0	29		CHILE-PERU BORDER

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KN	MAG	GEOGRAPHIC LOCATION
APR 12	8:53:51	8.1S	119.7E	9:13: 9.0	237		NEAR FLORES ISLAND
APR 12	22:20:34	13.2W	88.9W	22:25:45.5	122	5.7	EL SALVADOR
APR 17	16:21:10	3.9N	31.5W	16:30:39.0	25		NORTH MID-ATLANTIC OCEAN
APR 17	20:35:10	20.9S	68.4W	20:44:44.5	119		CHILE-BOLIVIA BORDER
APR 19	16:12:29	44.4N	148.0E	16:25:24.5	51		KURILE ISLANDS
APR 19	18:13:56	55.3N	163.6E	18:25:33.0	38		KANCHATKA
APR 19	20:19:46	44.8W	150.2E	20:32:39.0	27	5.2	KURILE ISLANDS
APR 21	20:10:38	47.9W	154.6E	20:23: 9.0	27		KURILE ISLANDS
APR 21	21:26:42	51.9W	173.9W	21:37:25.5	36	5.5	ANDREANOP ISLANDS, ALUTIAN IS.
APR 23	9: 1:42	44.8W	150.2E	9:14:32.0	44	6.2	KURILE ISLANDS
APR 23	16:51: 2	44.8W	150.0E	17: 3:53.5			KURILE ISLANDS
APR 25	1: 9:16	14.4W	90.1W	1:14:18.0	139		GUATEMALA
APR 25	1:17:39	44.7W	150.2E	1:30:28.0	33		KURILE ISLANDS
APR 26	2:21:10	5.6S	105.6E	2:40:44.0	93		SOUTHERN SUMATRA
APR 26	7:38:54	44.8W	149.9E	7:51:47.5	20	5.7	KURILE ISLANDS
APR 29	9:19:28	40.6W	127.5W	9:26:49.0	26	5.5	OFF COAST OF NORTHERN CALIFORNIA
APR 30	7:33:53	52.1W	31.9W	7:41: 3.5	38	5.5	NORTH ATLANTIC OCEAN
MAY 2	3:11:46	71.3W	6.9W	3:20:48.5	22		JAW HAYEN ISLAND REGION
MAY 7	4:32:14	8.6S	111.4E	4:51:55.5	113		NEAR COAST OF JAVA
MAY 8	19:23:35	24.5S	69.7W	19:33:47.0	48	5.2	NORTHERN CHILE
MAY 11	0:51:32	8.3S	112.6E	1:11:16.5	96		NEAR COAST OF JAVA
MAY 11	8:38:27	37.4S	73.6W	8:49:55.0	47	6.2	NEAR COAST OF SOUTHERN CHILE
MAY 12	3:40:20	0.0W	97.9E	3:59:45.5	81		NEAR COAST OF SUMATRA
MAY 14	15:38: 7	67.8W	18.4W	15:46:35.5	23		NORTH OF ICELAND
MAY 17	19:29:19	52.2W	173.9E	19:40:43.5	21	6.0	NEAR ISLANDS, ALUTIAN ISLANDS
MAY 19	9:25:41	12.8N	88.2W	9:30:42.5	68		OFF COAST OF NICARAGUA
MAY 21	17:41:28	3.1S	80.9W	17:48:57.5	27	6.5	NEAR COAST OF ECUADOR
MAY 22	17:32:22	22.9S	176.1W	17:51:14.5	35	6.5	TONGA ISLANDS REGION
MAY 23	2:45:16	36.6W	28.3E	2:57:30.5	49	6.2	DODECANESE ISLANDS
MAY 23	3:40:24	9.8W	84.0W	3:45:55.5	93	5.2	COSTA RICA
MAY 23	16:44:59	12.7W	87.3W	16:50: 5.5	138	6.5	NEAR COAST OF NICARAGUA
MAY 25	19:33: 6	4.2S	103.3E	19:52:45.5	93		SUMATRA
MAY 26	4:36: 9	32.9S	109.1W	4:47:42.5	43		EASTER ISLAND REGION
MAY 26	5: 6:32	15.4W	91.8W	5:11:27.5	150		WESTERN GUATEMALA
MAY 28	3:59:53	5.4S	102.4E	4:19:40.5	74		OFF COAST OF SOUTHERN SUMATRA
MAY 31	14:17:38	29.8W	114.0W	14:23:49.0	33	5.5	GULF OF CALIFORNIA
JUN 1	10: 2:42	19.3W	69.3W	10: 6:56.5	21	4.2	NEAR COAST OF DOMINICAN REPUBLIC
JUN 2	18:26:13	3.0S	80.4W	18:33:35.0	37		NEAR COAST OF ECUADOR
JUN 3	1:13:25	56.3W	164.8E	1:25: 1.0	29	5.2	OFF EAST COAST OF KANCHATKA
JUN 6	0:33:38	17.7W	60.9W	0:38:53.0	50		LEEWARD ISLANDS
JUN 7	14:15:19	5.4S	11.6W	14:27: 5.0	17	5.2	ASCENSION ISLAND REGION
JUN 8	15:44: 2	8.3S	122.0E	16: 3:39.5	18		FLORES SEA
JUN 9	22: 5:55	8.4S	121.9E	22:25:33.5	33		FLORES SEA
JUN 10	8:52: 5	8.5W	103.3W	8:58:57.0	33	4.7	SOUTH OF MEXICO
JUN 10	20:31:51	24.2S	112.1W	20:42:45.5	47	5.5	EASTER ISLAND REGION
JUN 11	5:10:26	27.9W	54.6E	5:27:30.5	37	6.2	SOUTHERN IRAN
JUN 13	2:24:26	51.1W	176.5W	2:35:15.5	56		ANDREANOP ISLANDS, ALUTIAN IS.
JUN 13	7:15:59	22.9S	12.7W	7:28:34.5	33		SOUTH ATLANTIC OCEAN
JUN 16	10:31:56	8.9W	73.4W	10:37:36.5	120	6.0	NORTHERN COLOMBIA
JUN 17	15: 7:34	14.2W	92.0W	15:12:47.5	85	6.0	MEXICO-GUATEMALA BORDER
JUN 17	18:39:51	14.6W	92.1W	18:45: 2.5	105		NEAR COAST OF GUATEMALA
JUN 18	3:12:36	5.9S	113.0E	3:31:13.5	641		JAVA SEA
JUN 20	21:21:47	15.4W	87.2W	21:26:33.0	67		NEAR NORTH COAST OF HONDURAS
JUN 21	3:57:41	15.5W	87.2W	4: 2:27.5	58		NORTHWESTERN HONDURAS
JUN 21	20:25: 1	7.6S	110.0E	20:44:40.5	163		NEAR NORTH COAST OF JAVA
JUN 22	20: 0:14	12.9N	90.0W	20: 5:33.5	64		OFF COAST OF EL SALVADOR
JUN 23	8:55:55	44.1W	128.8W	9: 3:15.5	56	5.2	OFF COAST OF OREGON
JUN 23	9:22:50	44.1W	128.8W	9:30: 7.5	53		OFF COAST OF OREGON
JUN 24	5: 7:56	13.4W	89.9W	5:13: 9.0	81	4.7	NEAR COAST OF EL SALVADOR
JUN 25	10:58:18	11.3W	74.7W	11: 3:48.0	33		NEAR NORTH COAST OF COLOMBIA
JUN 26	14:47:27	52.2W	174.7E	14:58:44.5	40	5.5	NEAR ISLANDS, ALUTIAN ISLANDS
JUN 26	16:43:39	11.3W	74.2W	16:49: 0.5	59		NEAR NORTH COAST OF COLOMBIA
JUN 28	13:15:28	4.5S	102.8E	13:35: 4.5	90		NEAR SOUTH COAST OF SUMATRA
JUN 29	14: 2:42	52.4W	173.4W	14:13:16.5	76		ANDREANOP ISLANDS, ALUTIAN IS.
JUL 1	13:10:41	15.3S	74.8W	13:19:36.0	68		NEAR COAST OF PRBU
JUL 1	23:44: 6	53.9W	169.8E	23:55:36.5	19		NEAR ISLANDS, ALUTIAN ISLANDS
JUL 4	4:56: 2	40.9W	118.1W	5:12: 9.0	33	5.2	WESTERN NEVADA
JUL 5	5: 2:27	15.1W	60.4W	5: 8: 0.0	60		WINDWARD ISLANDS

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUL 6	16: 8:21	7.0S	13.1W	16:20: 3.0	19		ASCENSION ISLAND REGION
JUL 6	22: 9:29	20.6S	169.4E	22:28:17.5	27	6.0	NEW HEBRIDES ISLANDS
JUL 7	13:10:44	5.7S	149.7E	13:29:44.0	57	6.0	NEW BRITAIN
JUL 9	6:32:48	15.6W	87.3W	6:37:36.0	46		HONDURAS
JUL 10	3:49:56	19.3S	68.4W	3:59:27.0	117		CHILE-BOLIVIA BORDER
JUL 15	13:55:26	6.8S	116.9E	14:14:14.0	565		JAVA SEA
JUL 16	21: 8:46	49.5W	155.1E	21:21: 7.5	29		KURILE ISLANDS
JUL 17	1: 1:10	16.8W	97.6W	1: 6:34.0	40	4.2	OAXACA, MEXICO
JUL 17	3:30:50	16.8W	97.7W	3:36:15.5	33		OAXACA, MEXICO
JUL 18	14: 3:36	29.4W	131.6E	14:18: 4.0	21	6.5	NORTHERN RYUKYU ISLANDS, JAPAN
JUL 22	18:21:28	54.1S	141.4E	18:32: 8.5	34		SOUTH OF TASHANIA
JUL 23	14:38:57	6.8W	123.5W	14:46:50.0	33	5.7	3000 KM NW OF GALAPAGOS ISLANDS
JUL 23	21:51: 7	18.5S	168.3E	22: 9:55.5	44	7.0	NEW HEBRIDES ISLANDS
JUL 24	1:53:30	2.1S	79.4W	2: 0:54.5	33		ECUADOR
JUL 25	2:48:13	8.9S	71.4W	2:55:40.0	593		WESTERN BRAZIL
JUL 25	18:39:24	0.0W	124.7E	18:58:52.0	43		NORTHERN CELEBES
JUL 28	1: 5:30	2.2S	77.1W	1:12:34.0	136	5.7	ECUADOR
JUL 28	10:13:50	20.0W	109.3W	10:20: 4.5	33	5.0	WEST OF JALISCO, MEXICO
JUL 28	10:38:13	19.6W	109.2W	10:44:32.5	19	5.2	WEST OF JALISCO, MEXICO
JUL 28	15:19:40	43.6W	146.1E	15:32:43.0	34		NEAR E COAST OF HOKKAIDO, JAPAN
JUL 31	0:15:55	5.3S	107.2E	0:35:25.0	244		OFF NORTH COAST OF JAVA
AUG 1	5:39:53	9.9S	160.5E	5:58:44.0	50	6.5	SOLOMON ISLANDS REGION
AUG 1	9:34:41	57.3S	26.1W	9:52:52.5	31		SANDWICH ISLANDS
AUG 3	3: 8: 5	18.4W	66.3W	3:12:37.0	132		PUEBTO RICO
AUG 4	22:52:54	45.2W	151.2E	23: 5:37.5	45		KURILE ISLANDS
AUG 5	2:26:20	60.8W	148.7W	2:35: 7.5	53		KENAI PENINSULA, ALASKA
AUG 5	9:27:45	18.9S	68.2W	9:37:12.5	113		NEAR CHILE-BOLIVIA BORDER
AUG 8	5:36:29	52.1W	176.3W	5:47:15.0	57		ANDREANOF ISLANDS, ALUTIAN IS.
AUG 8	12:18:23	51.2W	170.7W	12:28:53.5	33	5.7	FOX ISLANDS, ALUTIAN ISLANDS
AUG 8	23:49:16	51.3W	170.8W	23:59:47.5	33		FOX ISLANDS, ALUTIAN ISLANDS
AUG 9	16: 2:35	19.2S	168.8E	16:22:53.0	44	5.7	NEW HEBRIDES ISLANDS REGION
AUG 11	0:43:30	56.3W	164.3E	0:55: 4.5	27		KANCHATKA
AUG 11	15:51:35	43.0W	145.0E	16: 4:39.0	50	7.0	EASTERN HOKKAIDO, JAPAN
AUG 11	22:37:25	2.9S	122.1E	22:56:59.5	33		EASTERN CELEBES
AUG 11	23:33:52	43.1W	145.2E	23:46:55.0	50		EASTERN HOKKAIDO, JAPAN
AUG 16	16:15:57	13.9S	14.7W	16:27:59.0	25		SOUTH OF ASCENSION ISLAND
AUG 17	21:16:30	46.3W	149.3E	21:28:58.5	186	6.5	KURILE ISLANDS
AUG 19	5: 9:49	10.8S	71.0W	5:17:29.5	649	7.0	PERU-BRAZIL BORDER
AUG 19	14:52:30	18.0W	68.8W	14:56:56.0	100		NONA PASSAGE
AUG 25	5:42: 1	15.3W	87.0W	5:46:49.5	48		NORTHERN HONDURAS
AUG 25	21:26:23	8.1S	122.8E	21:45:50.0	100		FLORES SEA
AUG 27	1:51:52	15.4S	13.1W	2: 4: 3.5	49		SOUTH OF ASCENSION ISLAND
AUG 27	16:22:13	47.0W	154.0E	16:34:43.5	45	5.2	KURILE ISLANDS
AUG 28	6:28:19	15.2S	70.2W	6:37:10.5	185		SOUTHERN PERU
AUG 28	20:26: 1	23.0S	113.5W	20:36:53.0	33		EASTER ISLAND
AUG 28	21:27:17	14.1S	73.9W	21:36: 3.5	100		NEAR COAST OF PERU
AUG 29	14:51:14	52.4W	170.8W	15: 1:44.5	41	5.0	FOX ISLANDS, ALUTIAN ISLANDS
AUG 31	1:48:37	10.7S	70.9W	1:56:17.0	626	6.5	PERU-BRAZIL BORDER
AUG 31	1:57: 8	10.5S	70.7W	2: 4:43.5	629	7.0	PERU-BRAZIL BORDER
SEP 1	0: 9:35	59.5S	27.3W	0:23:40.0	131	7.0	SANDWICH ISLANDS
SEP 1	3:16: 4	15.5W	87.2W	3:20:56.0	35		HONDURAS
SEP 1	4:43:13	16.5W	93.8W	4:48:23.0	155		CHIAPAS, MEXICO
SEP 1	18:50:35	13.6W	92.5W	18:55:59.0	37	6.0	OFF COAST OF GUATEMALA
SEP 1	20:14:52	15.4W	87.0W	20:19:42.0	33		NEAR COAST OF HONDURAS
SEP 2	0:26: 6	52.2W	170.9W	0:36:38.5	39		FOX ISLANDS, ALUTIAN ISLANDS
SEP 4	4:53:19	47.1W	154.1E	5: 5:50.0	60		KURILE ISLANDS
SEP 4	9:49:13	51.6W	178.2W	10: 0: 9.5	40		ANDREANOF ISLANDS, ALUTIAN IS.
SEP 5	2:37:38	80.2W	2.3W	2:46:53.5	33		SVALBARD REGION
SEP 5	11:34:37	50.0W	150.6W	11:43:43.5	43		KENAI PENINSULA, ALASKA
SEP 8	4:52: 9	51.7W	131.3W	4:59:43.0	23	5.0	QUEEN CHARLOTTE ISLANDS
SEP 8	11:26:33	56.3S	27.1W	11:40:15.0	125	7.5	SANDWICH ISLANDS REGION
SEP 10	4:45:29	22.8S	63.5W	4:54:46.5	527		SALTA PROVINCE, ARGENTINA
SEP 11	2:46:50	51.4W	180.0W	2:57:51.0	15		ANDREANOF ISLANDS, ALUTIAN IS.
SEP 11	4:39:44	43.5W	127.2W	4:46:58.5	22		OFF COAST OF CALIFORNIA
SEP 11	22:15: 3	10.9W	62.4W	22:20:54.0	134		OFF NORTH COAST OF VENEZUELA
SEP 12	11:18:25	11.1S	70.6W	11:26:12.0	543		PERU-BOLIVIA BORDER
SEP 13	21:19:20	41.7S	75.2W	21:31:10.5	40	7.0	OFF COAST OF SOUTHERN CHILE
SEP 15	1:46:10	34.9N	33.8E	1:58:47.5	36		CYPRUS
SEP 19	2:25:49	20.5S	62.9W	2:34:49.5	580	6.2	SOUTHERN BOLIVIA
SEP 19	9:46:18	6.7W	82.4W	9:52:21.7	33	5.7	OFF SOUTH COAST OF PANAMA
SEP 23	3: 1:32	19.4W	155.1W	3:12:33.5	31		HAWAII
SEP 24	19: 4:36	18.3W	98.6W	19: 9:55.5	55		PUEBLA, MEXICO

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KN	MAG	GEOGRAPHIC LOCATION
SEP 25	2:27:13	60.5N	153.0W	2:36: 8.0	125	5.7	SOUTHERN ALASKA
SEP 25	5:28:53	19.4N	155.1W	5:39:53.0	3	5.7	HAWAII
SEP 27	19:20:49	52.7N	168.7W	19:31:10.5	42		FOX ISLANDS, ALEUTIAN ISLANDS
SEP 27	19:27: 1	52.4N	168.7W	19:37:25.0	22		FOX ISLANDS, ALEUTIAN ISLANDS
SEP 28	1:24: 0	3.9S	102.0E	1:43:38.0	78	5.5	SUMATRA
SEP 29	19: 6:13	0.5N	122.4E	19:25:42.0	110		NORTHERN CEBUES
SEP 29	22:38: 4	1.7N	79.3W	22:44:48.5	33		NEAR COAST OF SOUTHERN COLOMBIA
OCT 6	8: 2:26	16.5N	97.3W	8: 8: 2.5	33		NEAR COAST OF MEXICO
OCT 7	9:55:55	0.4S	80.4W	10: 2:54.0	56		NEAR COAST OF ECUADOR
OCT 7	15:54: 1	43.5N	128.8W	16: 1:28.0	25		OFF COAST OF OREGON
OCT 18	16:51:57	36.7S	73.0W	17: 3:20.5	33	6.5	NEAR COAST OF SOUTHERN CHILE
OCT 19	11:19:20	37.1S	70.6W	11:30:34.0	149		NEUQUEN PROVINCE, ARGENTINA
OCT 22	15:13:32	10.5N	86.6W	15:19: 6.0	51		OFF WEST COAST OF COSTA RICA
OCT 25	8:54:35	9.6S	78.4W	9:17:45.5	110		OFF WEST COAST OF PERU
OCT 26	15:27: 6	0.3S	98.7E	15:46:39.9	34	6.0	OFF WEST COAST OF SUMATRA
OCT 26	17:22:19	17.4N	100.2W	17:27:47.5	91		GUERRERO, MEXICO
OCT 26	19:28:38	0.5S	98.8E	19:48: 8.0	58		OFF WEST COAST OF SUMATRA
OCT 29	9:12:16	49.0N	128.7W	9:19:37.0	16	5.7	VANCOUVER ISLAND REGION
OCT 30	2:16:33	42.3N	126.7W	2:23:43.2	36	5.0	OFF COAST OF OREGON
NOV 9	4:19:42	22.9S	67.9W	4:29:37.5	84	6.2	NEAR CHILE-ARGENTINA BORDER
NOV 10	2: 7:35	14.2S	71.9W	2:16:26.0	68		SOUTHERN PERU
NOV 14	4:42:26	7.3N	82.4W	4:48:29.5	29	6.0	OFF COAST OF PANAMA
NOV 14	17:14: 4	5.7S	104.1E	17:33:52.0	33		NEAR COAST OF SUMATRA
NOV 15	4:22:50	3.9S	105.0E	4:42:36.0	112		SOUTHEAST SUMATRA
NOV 15	7:17:12	43.1N	145.1E	7:30:26.8	43	6.7	NEAR E COAST OF HOKKAIDO, JAPAN
NOV 16	8:19:54	18.5N	68.8W	8:24:12.5	152		NEAR COAST OF DOMINICAN REPUBLIC
NOV 20	17:58:17	31.3N	40.8W	18: 4:47.0	34	5.0	NORTH ATLANTIC OCEAN
DEC 3	1: 0:32	17.1N	99.3W	1: 6: 2.3	46		NEAR COAST OF GUERRERO, MEXICO
DEC 4	7:36:23	18.6N	69.0W	7:40:48.5	164		DOMINICAN REPUBLIC
DEC 5	13: 1: 4	50.8S	139.7E	13:20:47.5	33		SOUTHWEST OF TASMANIA
DEC 6	16:39:38	49.3N	155.4E	16:51:55.5	60	6.0	KURILE ISLANDS
DEC 9	3:58:55	14.9S	75.7W	4: 7:54.0	39		OFF COAST OF PERU
DEC 9	11:18: 9	43.7S	75.2W	11:30:12.0	34	5.7	OFF COAST OF SOUTHERN CHILE
DEC 12	23: 6:21	43.4N	146.2E	23:19:19.5	65		HOKKAIDO, JAPAN
DEC 17	21:32: 3	14.4S	75.5W	21:40:52.0	84		NEAR COAST OF SOUTHERN PERU
DEC 17	22:12:32	54.5S	143.9E	22:32: 5.0	45		SOUTH OF TASMANIA
DEC 20	13:25:34	4.6N	75.6W	13:31:40.0	176	6.0	WEST-CENTRAL COLOMBIA
DEC 26	4:24:57	9.0S	109.9E	4:43:44.5	97		JAVA SEA
DEC 27	16:46:31	1.7S	12.9W	16:58: 1.0	37		ASCENSION ISLAND
DEC 29	14:53:19	14.3N	92.8W	14:58:41.5	37		OFF COAST OF GUATEMALA
DEC 30	0:39:27	52.3N	177.6E	0:50:36.0	56	6.5	RAT ISLANDS, ALEUTIAN ISLANDS
DEC 31	18: 4:30	18.4N	106.1W	18:10:35.0	33		OFF COAST OF MEXICO

EARTHQUAKES RECORDED AT SEISMIC STATION CHC DURING 1962

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 4	20: 0:54	1.6S	99.6E	20:20:32.4	59		NEAR COAST OF SUMATRA
JAN 5	14: 1:42	1.6S	100.0E	14:21:22.5	25		NEAR SOUTH COAST OF SUMATRA
JAN 8	1: 0:23	18.4W	70.4W	1: 4:44.0	32	6.5	NEAR COAST OF DOMINICAN REPUBLIC
JAN 8	2: 5:21	18.5W	70.6W	2: 9:41.0	50		DOMINICAN REPUBLIC
JAN 17	23:34: 7	11.9W	86.3W	23:39:27.5	97		NICARAGUA
JAN 26	8:17:40	35.4W	22.7E	8:29:40.5	33	5.0	CRETE REGION
JAN 30	8:34:24	12.7W	87.5W	8:39:42.5	49	4.7	NEAR WEST COAST OF NICARAGUA
FEB 2	6:43:29	36.3N	89.4W	6:47:31.0	25		** NORTHWESTERN TENNESSEE
FEB 3	0:37:57	1.3S	137.5E	0:57:10.0	33		NORTH OF NEW GUINEA
FEB 4	2:54:44	4.6S	118.9E	3:14:12.5	89		CELEBES
FEB 4	21:29:37	0.5S	20.2W	21:40:18.0	33		SOUTH MID-ATLANTIC OCEAN
FEB 10	19:31:56	17.9W	62.2W	19:37: 0.0	71		LEEWARD ISLANDS
FEB 14	6:36: 5	37.8S	72.5W	6:47:32.0	45	7.2	NEAR COAST OF CHILE
FEB 18	17:25:15	8.1N	74.8W	17:31: 5.5	41		NORTHERN COLOMBIA
FEB 18	23:25:21	0.7S	91.7W	23:32:39.5	33		GALAPAGOS ISLANDS
FEB 24	1: 3:18	12.2N	88.8W	1: 8:41.5	40		OFF COAST OF EL SALVADOR
FEB 27	12:40:50	37.4S	72.5W	12:52:16.5	63	6.2	NEAR COAST OF CENTRAL CHILE
FEB 28	20:34:21	19.2W	69.3W	20:38:31.0	33		NEAR COAST OF DOMINICAN REPUBLIC
MAR 11	2:25:53	14.2N	91.1W	2:31: 3.5	94		NEAR WEST COAST OF GUATEMALA
MAR 11	15:23:41	52.3N	178.0E	15:34:39.5	135		KAT ISLANDS, ALUTIAN ISLANDS
MAR 12	9:41:34	8.2N	82.8W	9:47:24.0	25		NEAR PANAMA-COSTA RICA BORDER
MAR 12	11:40:12	8.1N	82.9W	11:46: 9.0	30	6.2	NEAR PANAMA-COSTA RICA BORDER
MAR 18	15:30:35	40.9W	19.5E	15:42:15.5	33		SOUTHERN ALBANIA - 15 DEAD
MAR 19	5:54:37	0.2N	123.6E	6:13:38.5	150		CELEBES
MAR 21	22:57:54	6.1S	112.9E	23:16:28.0	630		JAVA SEA
MAR 22	0:19:43	6.0S	113.0E	0:38:24.0	575		JAVA SEA
MAR 22	0:37:36	5.9S	112.9E	0:56:18.0	590		JAVA SEA
MAR 27	21:19:31	17.0N	99.8W	21:25: 7.0	30		NEAR COAST OF GUERRERO, MEXICO
APR 4	14: 2:32	8.0W	83.0W	14: 7:25.0	23		NEAR PANAMA-COSTA RICA BORDER
APR 6	16:50:14	26.7S	113.2W	17: 0:28.0	33		EASTER ISLAND REGION
APR 7	23: 4:12	15.0N	60.5W	23: 8:36.0	77		WINDWARD ISLANDS
APR 10	4:36:27	28.6S	68.8W	4:46:55.5	130		CHILE-ARGENTINA BORDER
APR 10	21:37:13	37.9W	20.1E	21:48:55.0	35	5.0	IONIAN SEA
APR 12	0:52:45	38.1N	142.3E		48	7.0	NEAR EAST COAST OF HONSHU, JAPAN
APR 17	22:34:57	1.5S	14.9W	22:46:12.5	25		SOUTH MID-ATLANTIC OCEAN
APR 18	19:14:36	9.9S	78.9W	19:22:52.5	23	6.7	NEAR COAST OF PERU - 9 DEAD
APR 19	23:16: 7	69.8W	138.8E	23:27:25.0	17		NORTHERN SIBERIA, USSR
APR 20	5:47:55	20.6N	72.2W	5:51:43.5	25	6.0	NEAR NORTH COAST OF HAITI
APR 22	4:45:20	15.5N	93.1W	4:50:30.2	69	5.2	NEAR COAST OF CHIAPAS, MEXICO
APR 23	5:58: 5	42.9N	143.4E	6:11:18.0	25	7.0	HOKKAIDO, JAPAN
APR 27	6:47:27	44.4S	74.8W	6:59:39.0	31		NEAR COAST OF SOUTHERN CHILE
APR 28	11:18:57	36.4N	26.6E	11:31: 9.0	40		DODECANESE ISLANDS
APR 28	12:43:49	36.3N	26.7E	12:55:58.0	48		DODECANESE ISLANDS
MAY 2	8:56:32	23.7S	66.4W	9: 6:24.0	177		JUJUY PROVINCE, ARGENTINA
MAY 2	12:33: 8	23.8S	66.6W	12:43: 1.5	177		JUJUY PROVINCE, ARGENTINA
MAY 6	19: 0:13	60.2S	33.5W	19:14:17.0	33	7.0	SANDWICH ISLANDS
MAY 7	17:39:50	45.2N	146.9E	17:52:42.0	20	6.7	KURILE ISLANDS REGION
MAY 10	0: 3:40	62.0N	150.1W	0:12:30.5	72	6.0	ALASKA
MAY 10	5:12:16	52.4N	170.9W	5:22:46.0	43	6.0	FOX ISLANDS, ALUTIAN ISLANDS
MAY 11	14:11:54	17.0N	99.6W	14:17:27.0	40	7.0	NEAR COAST OF MEXICO - 4 DEAD
MAY 15	5:23:46	7.3S	128.3E	5:43:12.5	34	7.0	BANDA SEA
MAY 16	18:46:40	46.1N	148.5E	18:59:22.0	60		KURILE ISLANDS REGION
MAY 19	14:54:15	17.2N	99.5W	15: 3:48.5	33	7.0	NEAR COAST OF MEXICO - 3 DEAD
MAY 19	23:56:32	13.8S	76.7W	0: 5:13.5	70		NEAR COAST OF PERU
MAY 20	15: 1:21	20.5N	66.0W	15: 5:40.5	38		OFF COAST OF PUERTO RICO
MAY 21	21:15:30	19.8S	177.4E	21:29:15.5	342	6.7	FIJI ISLANDS REGION
MAY 22	8: 6:39	12.1S	166.6E	8:25: 8.5	136	6.5	SANTA CRUZ ISLANDS
MAY 22	22: 3:32	5.4S	151.9E	22:22:27.0	54		NEW BRITAIN
MAY 28	23:49: 1	31.3S	68.3W	23:59:49.0	94		SAN JUAN PROVINCE, ARGENTINA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUN 2	12:26:11	49.9N	129.7W	12:33:36.5	33	5.7	VANCOUVER ISLAND REGION
JUN 3	15:2:26	22.3N	45.1W	15:8:57.5	33	6.0	NORTH ATLANTIC OCEAN
JUN 9	19:57:23	12.8N	91.1W	20:2:49.5	33		OFF COAST OF EL SALVADOR
JUN 11	7:15:41	43.6N	18.3E	7:26:57.5	33	5.0	CENTRAL YUGOSLAVIA
JUN 14	7:51:53	54.4N	169.1E	8:3:19.5	30	6.0	KONARDORSKIE ISLANDS
JUN 14	7:55:52	54.3N	169.2E	8:7:23.5	60		KONARDORSKIE ISLANDS
JUN 14	8:30:51	19.3N	64.9W	8:35:18.0	57		LEeward ISLANDS REGION
JUN 15	6:30:36	20.5S	70.6W	6:40:18.5	33	5.0	NEAR COAST OF NORTHERN CHILE
JUN 18	23:42:37	4.9S	152.0E	0:1:26.5	100	6.7	NEW BRITAIN REGION
JUN 20	22:59:5	14.9N	92.6W	23:4:10.0	119		NEAR COAST OF CHIAPAS, MEXICO
JUN 21	4:43:43	5.7N	82.6W	4:49:54.0	23	6.2	SOUTH OF PANAMA
JUN 25	6:26:49	37.4S	73.3W	6:38:16.0	36		NEAR COAST OF SOUTHERN CHILE
JUN 25	18:58:36	14.5N	82.4W	19:3:26.5	25		NEAR EAST COAST OF NICARAGUA
JUN 28	4:27:14	19.4N	155.4W	4:38:17.0	5	6.1	HAWAII
JUL 3	21:17:0	3.8N	31.7W	21:26:26.0	33		NORTH MID-ATLANTIC OCEAN
JUL 6	23:5:32	36.6N	70.4E	23:19:7.5	203	6.0	HINDU KUSH
JUL 7	6:12:49	51.3N	178.6E	6:23:54.0	60		RAT ISLANDS, ALUTIAN ISLANDS
JUL 8	3:22:7	51.3N	178.7E	3:33:8.0	91		RAT ISLANDS, ALUTIAN ISLANDS
JUL 8	7:30:50	8.1N	38.0W	7:39:17.5	25		NORTH MID-ATLANTIC OCEAN
JUL 14	19:43:50	40.3N	124.7W	19:50:53.0		5.0	OFF COAST OF NORTHERN CALIFORNIA
JUL 14	20:38:1	50.2W	155.8E	20:50:9.0	60		KURILE ISLANDS
JUL 16	2:4:53	52.1S	138.9E	2:24:41.0	14		SOUTH OF TASMANIA
JUL 16	4:49:21	11.2S	79.8W	4:57:46.5	75		NEAR COAST OF PERU
JUL 16	12:54:41	62.3N	153.1W	13:3:45.0	39	6.0	SOUTHERN ALASKA
JUL 17	4:12:45	11.6N	87.1W	4:18:12.5	25		NICARAGUA
JUL 17	5:32:9	43.0S	74.9W	5:44:9.5	26		NEAR COAST OF SOUTHERN CHILE
JUL 17	9:40:51	14.5N	93.0W	9:46:10.5	33		NEAR COAST OF CHIAPAS, MEXICO
JUL 18	5:53:48	9.6S	119.8E	6:13:30.0	68		SUMBA ISLAND
JUL 18	10:10:13	15.3N	148.1E	10:21:3.5	16		MARIANA ISLANDS
JUL 19	12:2:31	20.6S	68.7W	12:12:4.5	160		NEAR BOLIVIA-CHILE BORDER
JUL 23	1:12:53	10.7N	86.5W	1:18:24.5	44		OFF COAST OF COSTA RICA
JUL 23	22:11:55	19.0N	65.1W	22:16:36.5	25		VIRGIN ISLANDS REGION
JUL 24	21:8:22	15.4N	92.5W	21:13:23.5	131	5.5	MEXICO-GUATEMALA BORDER REGION
JUL 25	0:11:52	14.4S	76.1W	0:20:44.5	46		NEAR COAST OF SOUTHERN PERU
JUL 25	4:37:46	19.0N	81.2W	4:41:43.5	33	5.5	WEST OF JAMAICA
JUL 26	8:14:45	7.5N	82.7W	8:20:39.0	33	6.7	SOUTH OF PANAMA
JUL 28	13:58:39	14.3N	93.0W	14:3:58.0	63	4.5	NEAR COAST OF CHIAPAS, MEXICO
JUL 30	17:16:47	3.4S	143.7E	17:35:53.5	33	6.7	NEAR NORTH COAST OF NEW GUINEA
JUL 30	20:18:52	5.2N	76.4W	20:25:5.5	69	6.0	WESTERN COLOMBIA - 47 DEAD
AUG 1	4:36:58	3.2S	143.7E	4:56:5.5	33	6.5	NEAR NORTH COAST OF NEW GUINEA
AUG 2	4:41:47	19.3N	81.0W	4:45:40.5	47	4.5	CAYMAN ISLANDS REGION
AUG 3	8:56:17	23.3S	68.1W	9:6:13.0	107	6.8	NORTHERN CHILE-ARGENTINA BORDER
AUG 4	2:49:45	14.1N	93.0W	2:55:8.0	30	4.5	OFF COAST OF GUATEMALA
AUG 6	1:35:30	32.0N	40.8W	1:41:54.5	48	5.7	NORTH ATLANTIC OCEAN
AUG 9	4:21:55	6.7N	73.1W	4:27:45.0	180		COLOMBIA
AUG 9	6:19:51	24.1S	66.5W	6:29:53.5	128		SALTA PROVINCE, ARGENTINA
AUG 10	21:3:59	49.4N	27.9W	21:11:27.5	33	4.2	NORTH ATLANTIC OCEAN
AUG 11	8:15:44	25.2N	123.3E	8:35:14.0	140	6.0	PYUKYU ISLANDS REGION
AUG 13	6:35:56	2.1N	83.5W	6:42:37.5	33	6.5	OFF COAST OF ECUADOR
AUG 17	3:23:34	31.5S	67.9W	3:34:30.5	33		SAN JUAN PROVINCE, ARGENTINA
AUG 17	5:4:31	10.6N	121.6E	5:23:40.5	33		PANAY REGION, PHIL. - 1 DEAD
AUG 18	16:43:54	62.3N	152.5W	16:52:58.0	32	5.2	SOUTH-CENTRAL ALASKA
AUG 18	17:46:15	62.3N	152.5W	17:55:18.0	32	5.2	SOUTH-CENTRAL ALASKA
AUG 19	18:26:39	44.6N	81.7E	18:40:13.5	33		NW SINKIANG PROVINCE, CHINA
AUG 19	23:12:53	26.7S	70.3W	23:23:13.0	65		NEAR COAST OF NORTHERN CHILE
AUG 20	13:15:15	15.1N	92.2W	13:20:24.0	130		GUATEMALA-MEXICO BORDER
AUG 21	18:9:7	41.5N	15.4E	18:20:16.5	36		ITALY
AUG 21	18:19:33	41.4N	15.5E	18:30:44.5	34	6.0	ITALY - 20 DEAD
AUG 21	21:9:50	29.6S	111.9W	21:21:12.0	33	6.2	EASTER ISLAND REGION
AUG 25	8:31:49	20.5S	178.5W	8:49:53.5	561	6.0	FIJI ISLANDS REGION
AUG 28	10:59:56	37.8N	22.9E	11:11:41.0	100	6.7	SOUTHERN GREECE - 1 DEAD
AUG 31	17:2:44	51.3N	179.9W	17:13:47.5	32	6.7	ANDREANOF ISLANDS, ALUTIAN IS.
SEP 1	3:46:5	51.3N	179.7W	3:57:9.0	25	6.0	ANDREANOF ISLANDS, ALUTIAN IS.
SEP 1	4:41:41	51.3N	179.9W	4:52:44.0	37		ANDREANOF ISLANDS, ALUTIAN IS.
SEP 1	4:52:14	15.9S	168.2E	5:10:31.5	244		NEW HEBRIDES ISLANDS
SEP 1	7:51:8	51.3N	179.9W	8:2:10.0	42	6.0	ANDREANOF ISLANDS, ALUTIAN IS.
SEP 1	19:20:39	35.6N	49.9E	19:33:56.0	20	7.0	NORTHWESTERN IRAN - 10,000 DEAD
SEP 2	15:21:55	10.2S	120.3E	15:41:43.5	33		NEAR SOUTH COAST OF SUMBA ISLAND

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
SEP 10	9:36:25	30.0N	26.9E	9:48:40.5	33		NEAR SOUTHEAST COAST OF CUBA
SEP 10	21:52:26	12.3N	86.7W	21:57:31.5	176		NEAR WEST COAST OF NICARAGUA
SEP 12	20:57:0	36.3N	69.0E	21:13:56.0	56	6.0	HINDU KUSH REGION
SEP 13	14:35:3	11.7N	61.3W	14:40:58.5	78		WINDWARD ISLANDS
SEP 15	22:50:47	48.5N	156.9E	23:3:6.5	33	6.0	KURILE ISLANDS
SEP 16	3:5:34	19.4N	103.2W	3:11:6.0	111	5.0	JALISCO, MEXICO
SEP 16	5:36:16	35.8N	118.1W	5:42:42.5	10	4.7	KEEN CO., CALIFORNIA
SEP 18	0:29:5	7.4N	82.3W	0:35:0.5	33	7.0	NEAR SOUTH COAST OF PANAMA
SEP 28	18:56:6	5.2N	76.2W	19:2:15.0	106		WESTERN COLOMBIA
SEP 29	15:17:48	27.1S	63.5W	15:27:29.0	577	6.2	SANTIAGO DEL ESTERO PROV., ARG.
OCT 6	3:17:7	40.8N	29.5W	3:24:31.5	33	4.7	AZORES REGION
OCT 10	20:53:34	34.9S	70.1W	21:4:39.0	137		MENDOZA PROVINCE, ARGENTINA
OCT 12	7:56:1	20.3S	68.9W	8:5:40.0	78		NORTHERN CHILE
OCT 16	18:2:33	51.6N	175.8W	18:13:23.0	27	5.2	ANDREANOF ISLANDS, ALUTIAN IS.
OCT 25	15:52:30	8.4N	82.6W	15:58:14.0	51	5.2	PANAMA-COSTA RICA BORDER
OCT 27	8:10:23	14.0N	90.6W	8:15:34.5	93		GUATEMALA-EL SALVADOR BORDER
OCT 27	13:52:51	11.5N	86.4W	13:58:13.0	80		NEAR WEST COAST OF NICARAGUA
OCT 28	22:53:0	15.8N	93.8W	22:58:7.5	97		CHIAPAS, MEXICO
OCT 29	0:19:42	6.9N	82.7W	0:25:40.0	42		OFF SOUTH COAST OF PANAMA
OCT 29	10:53:30	13.0N	88.4W	10:58:50.5	43		NEAR COAST OF EL SALVADOR
OCT 30	8:31:52	12.5N	88.0W	8:37:7.5	80		NEAR COAST OF EL SALVADOR
OCT 31	11:32:28	5.4N	82.5W	11:38:39.5	33	5.5	SOUTH OF PANAMA
NOV 7	16:3:7	7.8S	119.8E	16:22:30.5	182		FLORES SEA
NOV 15	23:25:16	8.7S	79.8W	23:33:23.0	45	6.0	NEAR COAST OF NORTHERN PERU
NOV 16	7:18:36	32.3S	111.1W	7:30:6.0	33	6.0	EASTERN ISLAND
NOV 17	11:7:15	16.3N	98.2W	11:12:50.5	12		NEAR COAST OF OAXACA, MEXICO
NOV 24	16:19:45	9.8N	40.7W	16:27:46.7	33		NORTH MID-ATLANTIC OCEAN
NOV 30	21:51:25	17.6N	59.7W	21:56:54.0	51	5.2	GUERRERO, MEXICO
DEC 8	18:0:39	23.7S	69.1W	18:10:38.5	84		NORTHERN CHILE
DEC 8	21:27:22	25.8S	63.4W	21:36:53.5	620	6.7	SANTIAGO DEL ESTERO PROV., ARG.
DEC 8	22:55:1	50.5N	176.8W	23:5:57.2	33		ANDREANOF ISLANDS, ALUTIAN IS.
DEC 21	0:44:20	9.0S	112.4E	1:4:8.5	64		NEAR SOUTH COAST OF JAVA
DEC 21	6:27:49	52.5N	168.7W	6:38:10.0	33		FOX ISLANDS, ALUTIAN ISLANDS
DEC 21	8:42:48	52.4N	168.5W	8:53:7.5	33	6.5	FOX ISLANDS, ALUTIAN ISLANDS
DEC 21	9:0:41	52.4N	168.5W	9:10:59.5	33		FOX ISLANDS, ALUTIAN ISLANDS
DEC 21	9:10:2	52.5N	168.5W	9:20:21.0	33		FOX ISLANDS, ALUTIAN ISLANDS
DEC 21	21:27:52	0.9S	80.9W	21:34:58.0	33		NEAR COAST OF ECUADOR
DEC 22	1:59:50	9.2S	112.4E	2:19:42.0	69		NEAR SOUTH COAST OF JAVA
DEC 26	22:25:15	53.9N	168.7E	22:36:44.5	33	6.5	KOMANDORSKIE ISLANDS
DEC 26	23:46:15	54.0N	168.0E	23:57:43.0	33		KOMANDORSKIE ISLANDS
DEC 29	10:41:5	20.2S	70.3W	10:50:42.5	49	6.7	NEAR COAST OF NORTHERN CHILE

EARTHQUAKES RECORDED AT SEISMIC STATION CHC DURING 1963

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 1	23:39:6	56.6N	157.7W	23:48:31.5		5.7	ALASKA PENINSULA
JAN 4	0:23:55	1.2N	27.7W	0:33:53.5	33		SOUTH OF CAPE VERDE ISLANDS
JAN 5	13:16:43	10.0S	124.0W	13:36:25.5	33		TINOR
JAN 6	6:17:28	1.8S	80.7W	6:24:40.0	51		ECUADOR
JAN 6	21:20:57	47.4N	155.9E	21:33:23.5	33		KURILE ISLANDS REGION
JAN 11	12:12:16	45.0S	75.7W	12:24:26.5	33		SOUTHERN CHILE
JAN 11	14:36:11	12.6N	85.2W	14:41:32.5	33		OFF COAST OF EL SALVADOR
JAN 12	3:40:35	4.8N	76.7W	3:46:44.5	102		NORTHERN COLOMBIA
JAN 17	11:40:27	37.3N	80.1W	11:41:13.2			** SALEM, VIRGINIA
JAN 15	1:32:20	68.9W	17.1W	1:40:50.4	33		DENMARK STRAIT
JAN 27	19:35:14	41.2N	49.8E	19:48:8.5	33	5.5	CASPIAN SEA REGION
JAN 28	13:0:51	54.7N	161.6W	13:10:39.0	33		ALASKA PENINSULA
FEB 10	21:35:49	44.6N	147.8E	21:48:39.5	67		KURILE ISLANDS
FEB 13	9:30:35	24.8N	121.7E	9:49:53.5	33	5.4	NORTHERN TAIWAN (N/S)
FEB 14	7:4:41	7.2S	128.2E	7:23:49.0	197	6.5	BANDA SEA
FEB 14	12:9:11	0.9N	30.0W	12:18:59.5	33		NORTH MID-ATLANTIC OCEAN
FEB 14	22:7:54	5.0S	144.6E	22:26:57.5	80	6.0	EASTERN NEW GUINEA
FEB 21	17:14:31	32.6N	21.0E	17:26:43.0	5	5.3	NEAR COAST OF LIBYA - 300 DEAD
FEB 24	13:34:16	14.6N	91.4W	13:39:21.0	135		CENTRAL GUATEMALA (N/S)
FEB 26	20:14:7	7.5S	146.1E	20:32:59.5	156	7.2	EASTERN NEW GUINEA
MAR 3	17:30:13	36.7N	90.1W	17:32:22.0	18	4.5	** SOUTHEASTERN MISSOURI
MAR 4	7:41:51	82.9N	7.7W	7:51:3.0	33		NORTH POLAR REGION
MAR 4	15:43:4	4.5S	81.6W	15:50:39.0	33		NORTHERN PERU
MAR 5	7:5:2	4.5S	81.5W	7:12:37.5	31		NORTHERN PERU
MAR 7	12:16:28	44.3S	75.3W	12:28:35.0	45		SOUTHERN CHILE
MAR 8	15:6:5	1.1N	29.9W	15:15:53.3	33	5.2	NORTH MID-ATLANTIC OCEAN
MAR 10	10:51:48	29.9S	71.2W	11:2:29.5	70		CENTRAL CHILE
MAR 11	7:27:22	38.1N	29.3E	7:39:35.6	33		TURKEY
MAR 16	8:44:51	46.6N	154.8E	8:57:22.3	46	7.0	KURILE ISLANDS
MAR 24	2:17:13	9.7S	120.4E	2:26:56.5	33	6.0	SURBA ISLAND
MAR 24	21:35:24	51.8N	178.1W	21:46:19.0	57	5.0	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 25	9:28:44	36.0N	114.9W	9:43:40.5	17	4.3	SOUTHERN NEVADA
MAR 25	22:46:16	0.7N	96.5E	23:5:46.2	30	5.6	OFF SOUTHWEST COAST OF SUMATRA
MAR 26	9:48:20	29.7S	177.9W	10:7:12.5	48	6.7	KERNADEC ISLANDS REGION
MAR 30	16:51:57	44.2N	148.0E	17:4:53.5	33	5.2	KURILE ISLANDS
MAR 31	4:46:1	6.5S	81.1W	4:53:53.0	33	5.2	NEAR COAST OF SOUTHERN PERU
APR 2	16:18:56	53.2N	171.7W	16:29:13.0	142	5.5	ANDREANOF ISLANDS, ALUTIAN IS.
APR 6	11:19:23	63.4N	149.5W	11:29:16.0	39	5.5	CENTRAL ALASKA
APR 7	22:36:3	4.9S	103.2E	22:55:42.8	72	6.1	NEAR SOUTHWEST COAST OF SUMATRA
APP 13	2:20:57	6.3S	76.7W	2:28:58.7	125	6.7	CENTRAL PERU
APR 16	1:29:19	0.8S	128.0E	1:48:49.5	33	7.0	HALMAHERA ISLAND, HOLLUCCA IS.
APR 16	1:55:11	0.7S	128.0E	2:14:39.5	32	6.0	HALMAHERA ISLAND, HOLLUCCA IS.
APP 17	2:11:26	19.6S	178.6E	2:30:37.0	33	6.0	PIJI ISLANDS
APR 19	7:35:23	35.7N	96.9E	8:0:17.5	33	7.0	TSINGHAI PROVINCE, CHINA (N/S)
APP 29	20:35:42	17.4W	92.7W	20:40:34.0	27	5.2	CHIAPAS, MEXICO
APP 29	21:44:17	51.4N	178.6E	21:55:23.5	60	5.0	RAT ISLANDS, ALUTIAN ISLANDS
MAY 5	21:1:36	32.2N	79.7W	21:2:43.0	15		** SOUTH CAROLINA
MAY 7	16:23:11	22.0S	68.6W	16:32:57.5	110	5.4	NORTHERN CHILE
MAY 9	15:3:41	12.2N	86.9W	15:8:59.7	34	5.3	NEAR WEST COAST OF NICARAGUA
MAY 10	22:22:42	2.2S	77.6W	22:29:59.0	33	6.0	ECUADOR
MAY 13	12:44:1	14.5W	92.9W	12:49:18.0	60	4.7	MEXICO-GUATEMALA BORDER
MAY 17	4:6:36	45.3N	150.8E	4:19:22.0	51		KURILE ISLANDS REGION
MAY 19	1:3:4	46.5S	75.1W	1:15:23.5	33	6.7	OFF COAST OF SOUTHERN CHILE
MAY 21				21:29:30.0			NOT LISTED BY USCEGS-GOOD EVENT
MAY 22	13:56:43	48.6N	154.7E	14:9:10.0	22	6.0	KUPULE ISLANDS
MAY 22	21:53:2	8.2S	115.7E	22:12:48.5	33	5.6	JAVA SEA
MAY 23	7:43:58	19.2N	64.6W	7:48:38.2	55	5.4	LEEWARD ISLANDS REGION
MAY 24	4:26:38	59.5N	151.7W	4:35:38.7	52	5.7	COOK INLET, ALASKA
MAY 26	23:6:55	55.2N	159.9E	23:18:37.5	47	5.2	EAST COAST OF KAMCHATKA
MAY 27	3:58:48	55.3N	160.1E	4:10:30.5	54	5.2	EAST COAST OF KAMCHATKA
MAY 30	6:56:9	54.2S	143.7E	7:15:45.0	33	5.2	SOUTH OF AUSTRALIA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUN 2	22:22:0	13.8N	90.8W	22:27:13.5	68	5.1	GUATEMALA
JUN 4	21:4:42	1.2S	127.3E	21:24:6.0	31	5.2	HALMAHERA ISLAND REGION
JUN 6	5:18:55	19.9N	120.2E	5:37:48.4	33	5.8	NORTH COAST OF LUZON, PHIL.
JUN 7	19:30:36	8.5W	103.1W	19:37:27.5	33	5.2	CLIPPERTON ISLAND REGION
JUN 9	20:37:52	10.7N	41.9W	20:45:41.5	33	5.0	NORTH MID-ATLANTIC OCEAN
JUN 10	4:16:38	55.4S	146.4E	4:36:7.0	33	5.7	800 KM WEST OF MACQUARIE ISLAND
JUN 10	6:39:4	55.3S	146.1E	6:58:35.5	18	6.2	800 KM WEST OF MACQUARIE ISLAND
JUN 10	10:46:58	50.9N	160.2E	10:58:59.5	33	5.3	KANCHATKA
JUN 16	6:27:15	16.6W	100.3W	6:32:57.0	33	4.2	OFF COAST OF GUERRERO, MEXICO
JUN 17	23:2:7	4.1S	102.2E	23:21:44.0	73	6.1	NEAR SOUTH COAST OF SUMATRA
JUN 19	9:9:4	4.7N	126.5E	9:31:36.5	83	5.2	TALAUD ISLANDS REGION
JUN 21	3:32:41	10.6N	85.9W	3:38:9.5	82	4.6	NEAR WEST COAST OF COSTA RICA
JUN 21	12:18:27	23.7S	66.6W	12:28:14.5	221	5.1	JUJUY PROVINCE, ARGENTINA
JUN 24	16:17:15	52.3N	171.2W	16:27:46.0	33	5.4	FOX ISLANDS, ALUTIAN ISLANDS
JUN 26	17:42:41	7.1N	82.3W	17:48:40.2	20	5.5	NEAR SOUTH COAST OF PANAMA
JUN 28	2:28:52	27.5S	66.1E	2:48:34.0	33	6.0	INDIAN OCEAN
JUN 28	21:55:39	46.5W	153.2E	22:8:15.0	33	6.7	KURILE ISLANDS REGION
JUN 30	6:45:37	2.5S	102.4E	7:5:0.3	160	5.5	SUMATRA
JUL 2	8:2:54	39.8N	104.7W	8:13:45.0		4.6	COLOFADO
JUL 5	5:48:13	11.6S	77.5W	5:56:45.0	33	5.8	PERU
JUL 7	19:20:42	39.6N	111.9W	19:34:4.0		4.9	WEST CENTRAL UTAH
JUL 9	9:24:33	8.5W	83.0W	9:30:20.2	31	5.1	PANAMA-COSTA RICA BORDER
JUL 10	5:22:57	46.3N	152.9E	5:35:34.0	33	5.6	KURILE ISLANDS
JUL 14	5:41:43	10.4N	62.6W	5:47:48.5	24	5.7	NORTHERN VENEZUELA
JUL 16	18:28:18	43.1N	41.5E	18:39:50.0	33		GEORGIA S.S.R.
JUL 19	5:45:28	43.4N	8.2E	5:56:5.0	33	5.2	LIGURIAN SEA
JUL 19	5:46:5	43.3N	8.1E	5:57:42.5	33	5.6	LIGURIAN SEA
JUL 20	0:11:35	65.2N	133.7W	0:33:44.0	33	4.6	YUKON
JUL 20	6:36:11	57.6S	148.5E	6:55:33.0	33	6.0	MACQUARIE ISLAND
JUL 25	7:4:22	6.8N	73.0W	7:10:14.5	152	5.2	NORTHERN COLOMBIA
JUL 26	4:17:12	42.1N	21.4E	4:28:49.2	5	5.7	S YUGOSLAVIA - SKOPJE DESTROYED
JUL 26	23:48:26	9.7S	78.5W	23:56:41.0	62	4.1	PERU
JUL 28	7:55:22	11.3S	112.1E	8:15:15.0	21	5.1	JAVA
AUG 4	7:55:22	11.3S	112.1E	8:14:45.5			JAVA TRENCH
AUG 7	7:17:26	7.4N	37.2W	7:26:1.3	33	4.6	NORTH ATLANTIC OCEAN
AUG 7	18:36:47	13.6N	90.9W	18:42:36.5	67	4.7	GUATEMALA
AUG 15	17:25:6	13.8S	69.3W	17:33:14.0	543	7.7	PERU-BOLIVIA BORDER
AUG 17	11:34:23	17.7N	94.3W	11:39:12.0	113	4.9	VERACRUZ, MEXICO
AUG 18	18:43:16	50.3N	176.9W	18:54:13.0	33	5.5	ANDREANOP ISLANDS, ALUTIAN IS.
AUG 21	3:39:23	14.3N	72.5W	3:44:19.0	33	5.4	CARIBBEAN SEA
AUG 22	9:27:9	42.0N	126.2W	9:34:18.0	33	5.6	OREGON
AUG 22	19:52:25	9.4S	158.0E	20:12:50.5	33	6.0	SOLOMON ISLANDS
AUG 25	6:11:43	38.9N	38.4E	6:24:21.5	33	4.8	CENTRAL TURKEY
AUG 25	12:18:12	17.5S	178.8W	12:33:23.2	565	6.1	FIJI ISLANDS REGION
AUG 29	15:30:31	7.1S	81.6W	15:38:29.5	23	6.5	PERU
SEP 4	5:6:47	36.1N	5.3E	5:17:26.5	38	5.2	NEAR COAST OF ALGERIA
SEP 4	13:32:12	71.4N	73.3W	13:39:8.0	33	5.9	NEAR NE COAST OF BAFFIN ISLAND
SEP 4	21:20:18	71.5N	72.8W	21:28:29.0	33	4.1	BAFFIN ISLAND
SEP 4	21:41:1	71.6N	73.5W	21:59:7.0	33	4.4	NEAR NE COAST OF BAFFIN ISLAND
SEP 7	12:44:1	54.0N	160.3E	12:55:43.2	110	5.4	KANCHATKA
SEP 13	17:0:0	37.1N	116.1W	17:6:7.5			SOUTHERN NEVADA - NUCLEAR BLAST
SEP 15	0:46:54	10.3S	165.6E	1:5:38.5	43	6.3	SANTA CRUZ ISLANDS
SEP 17	5:54:34	10.6S	78.2W	6:2:55.5	61	5.5	CENTRAL PERU
SEP 17	19:20:9	10.1S	165.3E	19:39:59.3	17	7.2	SANTA CRUZ ISLANDS
SEP 18	16:58:12	40.9N	29.2E	17:10:16.6	33	5.7	TURKEY
SEP 24	16:30:16	10.6S	78.0W	16:38:35.0	40		OFF COAST OF PERU
SEP 29	22:44:3	14.4N	91.9W	22:49:17.5	61		GUATEMALA
OCT 12	11:26:58	44.9N	149.0E	11:39:49.3	40	6.7	KURILE ISLANDS
OCT 13	5:17:57	44.8N	149.5E	5:30:44.6	60		KURILE IS. - 4 TO 5 M TSUNAMI
OCT 13	12:58:22	45.0N	150.1E	13:11:9.4	50		KURILE ISLANDS
OCT 13	15:59:53	44.5N	150.1E	16:12:38.4	35		KURILE ISLANDS
OCT 13	23:52:23	44.5N	150.1E	0:5:12.9	50		KURILE ISLANDS
OCT 14	13:21:45	44.8N	151.0E	13:34:29.5	60		KURILE ISLANDS
OCT 17	23:24:34	44.6N	149.0E	23:37:29.5	45		KURILE ISLANDS

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
OCT 20	0:53: 7	44.7W	150.7E	1: 5:55.0	25	6.7	KURILE ISLANDS
NOV 3	3:10:13	3.5S	77.8W	3:17:40.0	33	5.0	PERU
NOV 4	1:17: 9	6.8S	129.6E	1:36:14.0	80		BANDA ISLAND
NOV 9	21:15:30	9.0S	71.5W	21:22:57.1	600	6.7	WESTERN BRAZIL
NOV 10	1: 0:39	9.2S	71.5W	1: 8: 5.1	600	6.2	WESTERN BRAZIL
NOV 10	17:17:43	44.4W	149.0E	17:30:34.1	40	5.5	KURILE ISLANDS
NOV 15	21: 6:34	43.3W	148.0E	21:19:26.0	50	6.0	KURILE ISLANDS
NOV 16	2:30: 7	43.3W	149.0E	2:42:58.0	50	5.0	KURILE ISLANDS
NOV 16	6:46:16	41.3S	87.5W	6:58:11.0	11	5.3	OFF COAST OF CHILE
NOV 18	14:38:29	29.9W	113.6W	14:44:34.7	14	6.5	GULF OF MEXICO
NOV 19	11: 0:54	44.4W	149.2E	11:13:47.2	33	5.8	KURILE ISLANDS
NOV 19	18:17: 2	5.0S	102.2E	18:40:32.0	37		SUMATRA
NOV 21	21: 1:35	50.3W	156.4E	21:13:43.4	80	5.3	SOUTHERN KAMCHATKA
NOV 22	11:14: 3	18.5W	100.3W	11:19:24.7	120	4.5	GUERRERO, MEXICO
NOV 22	14:45:52	44.4W	149.0E	14:58:45.8	33	5.6	KURILE ISLANDS
NOV 23	7:50:46	30.1W	114.0W	7:56:53.9	14		GULF OF CALIFORNIA
DEC 2	23:52:38	51.5W	174.0W	0: 3:19.3	55	4.9	ANDREANOF ISLANDS, ALUTIAN IS.
DEC 3	23: 3:42	22.4S	69.3W	23:13:41.4	18	6.2	NORTHERN CHILE
DEC 5	11:29:49	7.4W	77.3W	11:35:49.7	33	4.7	COLOMBIA
DEC 11	17: 8:12	51.2W	179.3W	17:19:15.0	32	5.3	ANDREANOF ISLANDS, ALUTIAN IS.
DEC 15	19:34:45	4.8S	108.0E	19:53:18.2	650	6.4	JAVA SEA
DEC 16	1:51:31	6.4S	105.4E	2:11:17.5	64	6.0	SUNDA STRAIT
DEC 18	0:30: 3	24.8S	176.6W	0:48:25.0	46	7.2	TONGA ISLANDS
DEC 19	17: 4: 8	9.7S	79.1W	17:12:21.2	56		PERU
DEC 29	17:15:39	18.5S	69.7W	17:24:59.3	113	5.5	NORTHERN CHILE
DEC 30	13:29:25	45.5W	150.6E	13:42:10.5	40	5.7	KURILE ISLANDS

BARTHQUAKES RECORDED AT SEISMIC STATION CHC DURING 1964

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 5	18:33:55	8.0S	74.5W	18:41:48.3	150		CENTRAL PERU
JAN 5	23:46:11	52.3S	28.6E	0: 5:16.3	33		PRINCE EDWARD ISLANDS
JAN 6	23:45:23	50.9W	157.3E	23:57:38.0	33		SOUTH KAMCHATKA
JAN 9	18:31:52	45.5W	150.9E	18:44:31.9	40		KURILE ISLANDS
JAN 12	6: 0:13	53.2W	166.3W	6:10:21.8	33	5.5	FOX ISLANDS, ALUTIAN ISLANDS
JAN 18	22:36:18	18.8W	69.4W	22:40:35.6	95	5.3	DOMINICAN REPUBLIC
JAN 24	22:44: 1	7.1S	106.0E	23: 3:43.0	94	5.5	JAVA
JAN 26	9: 9:34	16.3S	71.7W	9:18:36.1	116		SOUTH PERU
FEB 1	1:47:52	51.8W	170.8W	1:58:25.2	34	5.0	FOX ISLANDS, ALUTIAN ISLANDS
FEB 6	13: 7:25	55.7W	155.8W	13:16:51.0	33	6.5	KODIAK ISLAND REGION
FEB 10	17:27:58	6.1S	104.1E	17:47:49.5	33	5.5	NEAR SOUTH COAST OF SUMATRA
FEB 29	23:49:41	8.5S	112.7E	0: 9:26.6	73	5.8	NEAR SOUTH COAST OF JAVA
MAR 2	12:39:18	13.9W	91.1W	12:44:26.0	130	4.6	NEAR COAST OF GUATEMALA
MAR 6	21: 5:50	19.7S	70.5W	21:15:26.0	50	5.3	NORTH CHILE
MAR 13	1:20:18	32.2W	83.4W	1:21:37.0	40		** CENTRAL GEORGIA
MAR 15	22:30:26	36.2W	7.6W	22:40: 9.5	27	6.2	WEST OF STRAIT OF GIBRALTAR
MAR 18	4:37:27	52.5W	153.6E	4:48:54.3	440	5.6	SEA OF OKHOTSK
MAR 28	3:36:13	61.1W	147.6W	3:45: 1.0	20	8.4	PRINCE WILLIAM SOUND, ALASKA
MAR 28	8:33:47	58.1W	151.1W	8:42:51.3	25	5.2	ALASKA AFTERSHOCK (W/S)
MAR 28	8:39:55	57.5W	151.6W	8:49: 0.5	20	5.4	ALASKA AFTERSHOCK
MAR 28	9: 1: 0	56.5W	152.0W	9:10: 1.8	20	5.5	ALASKA AFTERSHOCK
MAR 28	9:52:56	59.7W	146.6W	10: 1:37.6	30	5.0	ALASKA AFTERSHOCK
MAR 28	10:35:39	57.2W	152.4W	10:44:45.5	33	5.7	ALASKA AFTERSHOCK (W/S)
MAR 28	11: 8:26	60.1W	148.4W	11:17:17.1	15	5.2	ALASKA AFTERSHOCK (W/S)
MAR 28	11:30:10	0.5W	122.3E	11:49:10.5	140	5.8	NORTH CELEBES
MAR 28	12:20:50	56.5W	154.0W	12:30: 5.2	25	5.2	ALASKA AFTERSHOCK
MAR 28	20:29: 9	59.8W	148.7W	20:37:58.5	40	6.5	ALASKA AFTERSHOCK
MAR 29	1: 9:36	59.8W	149.2W	1:18:30.0	20	5.2	ALASKA AFTERSHOCK
MAR 29	6: 4:44	56.1W	154.3W	6:14: 1.0	30	5.8	ALASKA AFTERSHOCK
MAR 29	16:40:58	59.7W	147.0W	16:49:36.5	15	5.5	ALASKA AFTERSHOCK
MAR 30	2:18: 6	56.6W	152.9W	2:27:19.0	25	6.5	ALASKA AFTERSHOCK
MAR 30	7: 9:34	59.9W	145.7W	7:18:15.5	15	5.7	ALASKA AFTERSHOCK
MAR 31	9: 1:30	50.8W	130.2W	9: 8:58.6	15	6.0	VANCOUVER ISLAND
APR 2	1:11:55	5.9W	95.7E	1:31:15.5	132	5.2	NEAR COAST OF NORTHERN SUMATRA
APR 3	22:32:42	61.6W	147.6W	22:42:29.0	40	6.0	ALASKA AFTERSHOCK
APR 4	4:54: 2	60.1W	146.7W	5: 2:44.0	40	5.6	ALASKA AFTERSHOCK
APR 4	17:46: 9	56.3W	154.4W	17:55:25.7	25	5.7	ALASKA AFTERSHOCK
APR 8	10:58: 9	45.8W	150.8E	11:10:52.0	40	5.5	KURILE ISLANDS
APR 10	21:44: 7	60.1W	153.7W	21:53:18.0	10	5.5	ALASKA AFTERSHOCK
APR 12	1:24:31	56.6W	152.2W	1:33:41.0	22	4.6	ALASKA AFTERSHOCK
APR 13	21:25:33	57.5W	153.9W	21:34:46.0	30	5.5	ALASKA AFTERSHOCK
APR 14	22:55:31	58.0W	152.6W	23: 4:38.0	30	5.4	ALASKA AFTERSHOCK
APR 15	15:30:47	56.5W	154.4W	15:47:32.0	35	5.5	ALASKA AFTERSHOCK
APR 16	19:26:57	56.4W	152.9W		30	5.5	ALASKA AFTERSHOCK
APR 17	4:44:37	22.5S	10.8W	4:58:43.0	33	5.3	SOUTH ATLANTIC OCEAN
APR 19	5:13: 2	41.7S	83.9W	5:24:53.5	33	5.5	OFF COAST OF SOUTH CHILE
APR 20	11:56:42	61.4W	147.3W	12: 5:27.5	30	6.0	ALASKA
APR 23	3:32:50	5.3S	134.0E	3:52:14.0	33	6.4	ABU ISLANDS REGION
APR 24	5:56:10	5.1S	144.2E	6:15:11.5	106	6.3	NORTHEAST NEW GUINEA
APR 24	14:40:28	13.3W	88.8W	14:45:31.8	158	6.0	NEAR COAST OF EL SALVADOR
MAY 2	16:11: 0	45.5W	150.3E	16:23:48.5	35	5.7	KURILE ISLANDS
MAY 7	7:58:14	40.4W	139.0E	8:11:40.5	33	6.5	HONSHU, JAPAN
MAY 7	20:12:49	40.5W	138.0E	20:26:10.5	33	5.9	HONSHU, JAPAN
MAY 8	21:45:47	1.7W	126.5E	22:14: 2.5	33		MOLUCCA PASSAGE
MAY 8	23:40:44	52.2W	169.5W	23:51: 9.5	20	5.2	FOX ISLANDS, ALUTIAN ISLANDS
MAY 9	2: 2:29	52.2W	169.9W	2:12:55.0	25	5.1	FOX ISLANDS, ALUTIAN ISLANDS
MAY 12	18:16:42	56.6W	152.2W	18:25:57.0	10	5.5	ALASKA
MAY 17	0:50:18	59.4W	142.7W	0:58:45.0	35	5.7	ALASKA
MAY 17	19:26:21	35.2W	35.9W	19:33:13.0	33	5.7	NORTH ATLANTIC OCEAN
MAY 19	23: 3:42	0.7S	80.2W	23:10:36.5	54	5.2	ECUADOR
MAY 20	6: 1:15	2.7S	139.3E	6:20:22.5	61	5.8	NEW GUINEA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAY 21	15:36:1	59.0N	153.5W	15:45:16.0	15	5.7	ALASKA
MAY 21	22:32:34	17.5N	83.9W	22:36:15.5	33	5.0	CARIBBEAN SEA
MAY 23	11:25:34	36.5N	90.0W	11:30:5.3	18	4.5	** SOUTHEAST MISSOURI
MAY 25	19:44:7	9.1S	88.9E	20:4:1.0	33	5.5	INDIAN OCEAN
MAY 26	10:59:12	56.2S	27.8W	11:12:56.3	120	7.5	SANDWICH ISLANDS
MAY 31	0:40:36	43.5N	146.8E	0:53:36.0	48	6.5	KURILE ISLANDS
JUN 4	4:28:55	17.5N	100.8W	4:34:35.8	22	4.7	GUEBBERO, MEXICO
JUN 5	9:50:35	60.4N	146.0W	9:59:20.0	15	5.2	ALASKA
JUN 5	22:6:53	58.1N	152.1W	22:16:2.8	15	5.0	ALASKA
JUN 10	22:16:45	5.0N	127.4E	22:35:42.5	146	5.5	TALAUD IS. REGION, SE OF PHIL.
JUN 14	12:15:31	38.0N	38.5E	12:28:17.5	8	5.7	SOUTH TURKEY
JUN 15	0:5:31	5.4N	97.0E	0:25:0.0	33	5.5	NORTHERN SUMATRA
JUN 16	4:1:44	38.3N	139.1E	4:15:15.1	57	7.2	NEAR WEST COAST OF HONSHU, JAPAN
JUN 21	1:33:11	51.0N	157.0E	1:45:19.0	51	5.7	KANCHAIKA
JUN 23	1:26:37	43.3N	146.1E	1:39:34.9	77	6.7	KURILE ISLANDS
JUN 24	17:28:0	4.0W	32.4W	17:37:9.0	33	5.2	NORTH ATLANTIC OCEAN
JUN 29	7:21:33	62.7N	152.0W	7:30:32.4	33	5.6	ALASKA
JUN 30	13:46:22	0.8S	122.5E	14:5:49.0	36	6.3	NORTHERN CELEBES
JUN 30	20:8:28	44.6N	144.6E	20:20:42.3	383	5.5	SEA OF OKHOTSK
JUL 1	22:49:23	14.3S	73.1W	22:58:8.7	139	5.2	SOUTHERN PERU
JUL 2	1:19:3	60.1N	146.0W	1:27:46.7	14	5.2	ALASKA
JUL 5	19:7:58	26.2N	110.2W	19:13:55.1	29	5.7	GULF OF CALIFORNIA (E/W)
JUL 5	23:36:1	44.8N	149.6E	23:48:50.6	54	6.0	KURILE ISLANDS
JUL 6	2:14:36	26.2N	110.4W	2:20:32.0	33	6.0	GULF OF CALIFORNIA
JUL 6	7:22:10	18.2N	100.4W	7:27:34.8	82	6.7	GUEBBERO, MEXICO
JUL 11	20:25:40	59.7N	146.2W	20:34:20.7	40	5.0	ALASKA
JUL 14	9:55:24	19.0N	66.5W	9:59:57.8	46	4.2	PURTO RICO
JUL 17	2:34:27	38.2N	23.7E	2:46:7.3	150	5.5	SOUTHERN GREECE
JUL 21	7:1:59	13.1N	88.4W	7:7:14.6	68	4.7	OFF COAST OF EL SALVADOR
JUL 24	6:50:53	46.4N	153.9P	7:3:27.0	33	6.0	KURILE ISLANDS
JUL 24	8:12:40	47.2N	153.8P	8:25:13.1	33	6.5	KURILE ISLANDS
JUL 28	18:40:4	51.2S	139.0E	18:59:53.0	33	5.3	1000 KM SW OF TASMANIA
JUL 30	5:16:3	11.1N	86.2W	5:21:31.2	42	5.7	OFF WEST COAST OF COSTA RICA
AUG 2	8:36:17	56.2N	149.9W	8:45:17.1	31	4.7	ALASKA
AUG 3	1:48:23	19.8N	70.7W	1:52:33.0	7	5.0	DOMINICAN REPUBLIC
AUG 5	11:6:3	32.1S	179.8E	11:25:27.7	235	5.5	SOUTH OF KERMADEC ISLANDS
AUG 8	15:45:11	12.5N	87.8W	15:50:28.1	63	5.8	OFF WEST COAST OF NICARAGUA
AUG 8	20:6:51	18.0N	74.0W	20:11:10.1	10	5.1	NEAR SOUTH COAST OF HAITI
AUG 10	1:10:12	19.1N	67.3W	1:14:42.0	33	5.5	HOWA PASSAGE
AUG 13	0:31:14	5.4S	154.3E	0:51:4.7	383	6.0	SOLOMON ISLANDS
AUG 18	4:44:58	26.4S	71.5W	4:55:22.6	8	6.0	OFF COAST OF NORTHERN CHILE
AUG 20	8:37:47	14.9N	60.4W	8:43:24.5	65	5.5	WINDWARD ISLANDS
AUG 25	13:47:21	78.2N	126.6E	13:57:58.0	50	6.5	EAST OF SEVERNAYA ZEMLYA, USSR
SEP 4	3:28:33	7.6N	36.9W	3:37:10.3	22	5.4	CENTRAL MID-ATLANTIC RIDGE
SEP 5	2:53:51	5.8S	154.0E	3:12:40.0	69	6.4	SOLOMON ISLANDS
SEP 16	1:50:34	60.0N	147.1W	1:59:19.0	29	5.5	GULF OF ALASKA
SEP 18	13:12:42	39.8N	29.7W	13:20:10.1	20	5.5	AZORES
SEP 19	5:8:15	15.3N	94.0W	5:13:35.1	42	5.7	OFF COAST OF OAXACA, MEXICO
SEP 24	5:4:55	1.2S	24.1W	5:15:23.4	37	5.5	CENTRAL MID-ATLANTIC RIDGE
OCT 2	0:58:39	51.9N	142.9P	1:11:14.9	33	5.7	SAKHALIN ISLAND
OCT 11	10:6:45	19.1N	156.6W	10:17:51.6	33	4.7	HAWAII
OCT 14	12:32:24	7.0S	124.0E	12:50:55.5	574	5.8	BANDA SEA
OCT 23	1:56:3	19.8N	56.0W	2:1:35.0	31	6.5	NORTH ATLANTIC OCEAN
OCT 25	6:25:49	2.0S	77.2W	6:32:50.3	160	5.3	ECUADOR
OCT 25	22:56:33	2.0S	79.0W	23:3:46.5	57	5.4	ECUADOR
NOV 2	6:50:54	4.1S	76.9W	6:58:24.1	91	6.7	NORTHERN PERU

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
NOV 6	9:53:22	44.4N	149.0E	10: 6: 4.3	60	5.5	KURILE ISLANDS
NOV 7	18:37:44	0.4N	100.1E	18:57: 7.9	107	5.1	NORTHERN SUMATRA
NOV 8	2:43:57	49.0S	163.7E	3: 3:11.6	33	6.2	AUCKLAND ISLANDS REGION
NOV 11	8: 1:26	59.4N	144.6W	8:10: 3.6	10	5.2	GULF OF ALASKA
NOV 11	13:17:37	56.6N	161.4E	13:29:14.9	33	5.4	NEAR EAST COAST OF KAMCHATKA
NOV 11	19: 6:57	56.5N	161.3E	19:18:35.0	33	5.6	NEAR EAST COAST OF KAMCHATKA
NOV 11	19:13:39	56.4N	161.3E	19:25:17.4	33	5.2	NEAR EAST COAST OF KAMCHATKA
NOV 13	8: 2:38	13.0N	84.6W	8: 7:51.1		4.9	OFF COAST OF NICARAGUA
NOV 14	12:52:46	18.2N	105.5W	12:58:48.6	33	5.3	OFF COAST OF MEXICO
NOV 16	2:46:43	36.9N	121.8W	2:53:30.3	33	5.0	CENTRAL CALIFORNIA
NOV 17	8:15:39	5.7S	150.7E	8:34:38.3	45	7.0	NEW BRITAIN REGION
NOV 17	16:17: 3	13.2N	89.6W	16:22:19.5	54	4.5	EL SALVADOR
NOV 18	5: 1:41	31.2S	67.6W	5:12:40.0	8	5.6	ARGENTINA
NOV 19	23:35: 6	6.0S	150.8E	23:54:12.6	3	6.0	NEW BRITAIN REGION
NOV 24	10:41:33	6.8S	107.4E	11: 1:12.5	125	6.0	JAVA
NOV 25	2:50: 5	37.4N	81.5W	2:50:49.5		4.5	** COALWOOD, WV (MINE DISASTER)
NOV 25	9:24: 9	4.3S	122.2E	9:42:34.5	610	6.2	CELEBES
DEC 3	3:50: 1	15.0S	66.8E	4: 9:28.7	46	6.1	MID-INDIAN RISE
DEC 4	1:54:49	7.8N	102.7W	2: 1:45.3	33	4.2	OFF COAST OF MEXICO
DEC 7	8:58:44	5.4S	151.3E	9:17:38.9	54	5.5	NEW BRITAIN REGION
DEC 7	18:52:48	6.7N	82.2W	18:58:50.2	30	5.2	SOUTH OF PANAMA
DEC 8	4:11:54	11.5N	87.0W	4:17:19.6	48	4.7	NEAR COAST OF NICARAGUA
DEC 8	20:55:55	19.0N	64.0W	21: 0:43.0	55	4.5	LEeward ISLANDS
DEC 9	13:35:42	27.5S	63.2W	13:45:25.8	586	5.0	ARGENTINA
DEC 15	12:13:26	14.7N	91.7W	12:18:33.0	118	5.4	GUATEMALA
DEC 17	5:18:35	45.4N	150.1E	5:31:24.7	17	5.3	KURILE ISLANDS
DEC 17	23:44:46	51.4N	177.9W	23:55:40.1	57	5.5	ANDREANOF ISLANDS, ALEUTIAN IS.
DEC 22	0:24:49	9.5S	71.3W	0:32:18.0	614	5.3	PERU-BRAZIL BORDER
DEC 22	8: 1:13	18.4N	68.8W	8: 5:35.3	115	6.0	HOWA PASSAGE
DEC 22	20:54:35	31.9N	117.1W	21: 0:59.0	14	6.0	BAJA CALIFORNIA
DEC 26	8:16:29	16.7N	99.6W	8:22: 8.2	33	5.4	GUERRERO, MEXICO
DEC 26	14:30:29	51.8N	156.8E	14:42:24.2	136	5.7	KAMCHATKA
DEC 28	17: 4:57	86.7N	68.7E	17:14:42.0	33	5.7	NORTH OF FRANZ JOSEF LAND
DEC 29	6:39: 8	51.5N	174.8W	6:49:54.4	33	5.3	ANDREANOF ISLANDS, ALEUTIAN IS.

EARTHQUAKES RECORDED AT SEISMIC STATION CHC DURING 1965

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 1	21:18:29	35.7N	8.4E	21:49:22.9	10	5.2	ALGERIA
JAN 6	0:55:27	7.0S	122.9E	1:14: 5.1	546	5.4	FLORES SEA
JAN 6	2: 1:22	44.9N	112.7W	2:15:29.8	7	5.1	EASTERN IDAHO
JAN 6	9:19: 1	41.4S	85.4W	9:30:51.3	33	5.5	WEST CHILE RISE
JAN 7	15:56:12	16.2N	97.2W	16: 1:58.7	43	5.5	OAXACA, MEXICO
JAN 11	4:10: 4	14.0N	89.5W	4:15: 4.8	144	5.0	EL SALVADOR
JAN 24	0:11:12	2.4S	126.0E	0:30:30.0	6	6.6	CERAN SEA
JAN 29	0:11:22	23.9N	108.7W	0:17: 9.5	33	5.4	GULF OF CALIFORNIA
JAN 29	2:21:54	24.2N	108.6W	2:27:44.0	33	4.6	GULF OF CALIFORNIA
JAN 29	9:35:26	54.8N	161.7E	9:47: 7.8	33	5.8	NEAR EAST COAST OF KAMCHATKA
FEB 2	4:30:33	17.2N	94.5W	4:35:29.0	140	4.7	CHIAPAS, MEXICO
FEB 4	3:25: 1	51.8S	139.7E	3:44:41.0	33	5.9	SOUTH OF AUSTRALIA
FEB 4	4:53:54	51.1N	178.4E	5: 5: 8.7	40	5.8	RAT ISLANDS, ALUTIAN ISLANDS
FEB 4	5: 1:22	51.3N	178.6E	5:12:29.6	40	7.5	RAT ISLANDS, ALUTIAN ISLANDS
FEB 4	7:14:59	52.0N	173.9E	7:26:21.0	25	5.8	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	7:23:12	51.9N	173.2E	7:34:38.5	25	5.5	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	8: 6:17	51.9N	174.3E	8:17:36.0	40	5.6	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	8:33:41	51.9N	174.0E	8:45: 2.2	30	5.7	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	8:40:41	51.3N	179.5E	8:51:46.1	40	6.4	RAT ISLANDS, ALUTIAN ISLANDS
FEB 4	9:52: 3	51.5N	175.9E	10: 3:19.9	30	5.6	RAT ISLANDS, ALUTIAN ISLANDS
FEB 4	12: 6: 4	52.6N	172.1E	12:17:29.0	25	5.8	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	14:18:28	53.0N	171.0E	14:29:50.1	30	5.7	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	14:29:45	51.4N	176.6E	14:39:19.0	35	5.2	RAT ISLANDS, ALUTIAN ISLANDS
FEB 4	15:51:25	53.1N	170.8E	16: 2:52.9	40	5.7	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	16:32:36	52.0N	173.1E	16:44: 8.5	30	5.2	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 4	19:44: 6	13.3N	44.8W	19:51:25.9	33	5.4	NORTH ATLANTIC RIDGE
FEB 4	22:30: 5	51.8N	174.2E	22:41:26.7	31	5.4	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 5	2:58:28	51.5N	174.9E	3: 9:58.5	36	5.4	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 5	6:39:50	51.8N	175.1E	6:51: 8.6	25	5.7	RAT ISLANDS, ALUTIAN ISLANDS
FEB 5	9:32: 9	52.3N	174.3E	9:43:26.5	41	5.5	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 5	20:47:13	51.9N	174.6E	20:58:34.0	35	5.7	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 6	1:40:33	53.2N	161.9W	1:50:24.4	33	6.4	SOUTH OF ALASKA PENINSULA
FEB 6	2: 9:15	51.5N	174.2E	2:19:51.0	25	4.6	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 6	4: 2:53	52.1N	175.7E	4:14: 8.1	35	5.9	RAT ISLANDS, ALUTIAN ISLANDS
FEB 6	7:14:45	52.1N	173.0E	7:26: 8.2	35	5.4	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 6	8:46:51	51.9N	174.0E	8:58:14.5	30	6.0	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 6	8:54:39	52.1N	175.4E	9: 5:56.3	30	5.2	RAT ISLANDS, ALUTIAN ISLANDS
FEB 6	12:22:26	51.8N	175.3E	12:33:44.9	35	5.4	RAT ISLANDS, ALUTIAN ISLANDS
FEB 6	16:50:29	53.3N	161.8W	17: 0:18.6	33	6.1	SOUTH OF ALASKA PENINSULA
FEB 7	2:17: 9	51.4N	173.4E	2:28:33.0	40	6.0	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 7	4:11:19	51.9N	175.3E	4:22:37.0	25	5.5	RAT ISLANDS, ALUTIAN ISLANDS
FEB 7	12:21:21	53.0N	171.7E	12:32:46.7	25	5.3	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 8	15:46:50	55.1N	165.7E	15:58:22.2	40	5.6	KOMANDORSKIE ISLANDS REGION
FEB 8	17:37:25	55.2N	165.3E	17:49: 2.3	30	5.8	KOMANDORSKIE ISLANDS REGION
FEB 9	17:37:16	52.8N	171.9E	17:48:39.3	41	5.7	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 11	16:10:30	1.4S	77.8W	16:17:26.4	190	5.1	ECUADOR
FEB 12	0:55: 6	52.2N	172.8E	1: 6:32.4	25	5.5	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 17	10:18:51	51.8N	176.6E	10:30: 3.2	44	5.0	RAT ISLANDS, ALUTIAN ISLANDS
FEB 18	22:32:20	9.9S	71.2W	22:39:53.7	594	5.0	PERU-BRAZIL BORDER
FEB 18	23:13:36	51.4N	179.1E	23:24:46.7	28	5.0	RAT ISLANDS, ALUTIAN ISLANDS
FEB 22	9:14:51	51.9N	173.4E	9:26:14.5	35	5.2	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 23	22:11:50	25.7S	70.5W	22:22: 2.4	80	6.2	NEAR COAST OF NORTHERN CHILE
FEB 25	5:22:14	52.1N	173.2E	5:33:37.9	35	5.6	NEAR ISLANDS, ALUTIAN ISLANDS
FEB 26	23:36:12	6.9N	73.0W	23:42: 4.5	146	5.7	NORTHERN COLOMBIA
FEB 27				8: 1:30.6			FRENCH ATOMIC BLAST, AFRICA
MAR 1	7:20:55	5.5S	152.1E	7:39:53.6	35	5.5	NEW BRITAIN REGION
MAR 1	19:22: 2	52.2N	173.9E	19:33:23.1	30	5.5	NEAR ISLANDS, ALUTIAN ISLANDS
MAR 1	21:32:12	15.4N	92.5W	21:37:19.6	93	5.5	MEXICO-GUATEMALA BORDER REGION
MAR 5	14:32:19	27.0S	63.3W	14:42: 0.3	573	5.2	SANTIAGO DEL ESTERO PROV., ARG.
MAR 6	21: 8:50	37.4N	91.1W	21:13:49.5	18	5.3	** MISSOURI
MAR 9	17:57:54	39.4N	24.0E	18:24:50.0	18	5.7	AEGEAN SEA
MAR 14	8:52:22	18.8N	94.6W	8:57:13.5	97	4.8	GULF OF CAMPECHE
MAR 14	15:53: 7	36.3N	70.7E	16: 6:43.5	219	6.6	HINDU KUSH REGION
MAR 17	14:27:12	52.8N	171.9E	14:38:37.9	23	6.0	NEAR ISLANDS, ALUTIAN ISLANDS
MAR 21	9:42:41	11.7N	86.4W	9:48: 5.3	36	4.7	NEAR COAST OF NICARAGUA
MAR 21	11: 8:16	1.5S	126.5E	11:27:43.9	33	6.2	HOLUCCA SEA
MAR 22	3: 5:33	23.8S	66.7W	3:15:28.7	176	5.5	JUJUY PROVINCE, ARGENTINA
MAR 22	22:56:26	31.9S	71.5W	23: 6:21.2	46	5.2	NEAR COAST OF CENTRAL CHILE
MAR 25	12:59:28	36.4N	89.5W	13: 3:45.7	18		** NEW MADRID, MISSOURI REGION

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAR 28	9:59:58	15.7S	74.1W	10: 9: 1.8	45	5.0	NEAR COAST OF PERU
MAR 28	13:22:58	55.1N	162.1E	13:34:39.7	33	5.9	EAST COAST OF KAMCHATKA
MAR 28	16:33:15	32.4S	71.2W	16:43:11.5	61	6.4	NEAR COAST OF CENTRAL CHILE
MAR 29	10:47:38	40.8W	142.8E	11: 0:56.2	33	6.1	NEAR EAST COAST OF JAPAN
MAR 30	2:27: 7	50.6W	177.9E	2:38:19.0	51	6.7	RAT ISLANDS, ALUTIAN ISLANDS
MAR 31	9:47:31	38.6W	22.4E	9:59:13.1	78	6.3	GREECE
APR 3	11:20:43	16.0N	97.9W	11:26:18.5	16	5.0	NEAR COAST OF OAXACA, MEXICO
APR 3	11:29:13	16.1N	97.8W	11:34:41.7	45	5.5	OAXACA, MEXICO
APR 4	13:30:38	51.9N	175.2E	13:41:54.9	40	5.4	RAT ISLANDS, ALUTIAN ISLANDS
APR 4	20: 9:41	8.8S	74.5W	20:17:41.3	143	5.3	PERU-BRAZIL BORDER REGION
APR 5	3:12:50	37.7N	21.8E	3:24:49.8	34	5.5	SOUTHERN GREECE
APR 5	13:52:13	44.6N	151.1E	14: 4:56.5	81	5.0	KURILE ISLANDS REGION
APR 6	9:42:20	0.5S	119.9E	10: 1:57.5	33	5.3	NORTHERN CELEBES
APR 8	13:43:53	52.2N	173.5E	13:55:13.3	46	5.4	NEAR ISLANDS, ALUTIAN ISLANDS
APR 9	23:57: 3	31.1N	24.3E	0: 9: 7.6	51	5.7	CRETE
APR 16	23:22:19	64.7N	160.1W	23:31:47.7	5	5.7	CENTRAL ALASKA
APR 18	6:33:59	41.5N	127.1W	6:41:15.0	20	5.6	OFF COAST OF NORTHERN CALIFORNIA
APR 22	18:36: 1	51.8W	176.1E	18:47:14.9	37	4.5	RAT ISLANDS, ALUTIAN ISLANDS
APR 26	20:29: 7	54.5W	162.6W	20:38:56.4	53	5.9	ALASKA PENINSULA
APR 27	14: 9: 7	35.7N	23.5E	14:20:57.0	50	5.5	CRETE
APR 29	15:28:43	47.4W	122.4W	15:35:21.1	57	6.5	WASHINGTON
MAY 1	21:27:54	60.4W	146.0W	21:36:34.2	33	5.3	SOUTHERN ALASKA
MAY 3	1: 9:31	32.5S	70.6W	1:20:26.4	77	5.6	CHILE-ARGENTINA BORDER REGION
MAY 3	10: 1:35	13.5W	89.3W	10: 6:51.8	23	5.1	EL SALVADOR
MAY 3	16: 9: 9	24.2S	67.8W	16:19: 9.4	114	5.6	CHILE-ARGENTINA BORDER REGION
MAY 7	23:56:12	22.2S	68.5W	0: 6: 0.7	84	5.5	NORTHERN CHILE
MAY 8	11:32:57	28.0S	70.8W	11:43:29.4	35	5.4	OFF COAST OF NORTHERN CHILE
MAY 9	23:46:42	16.6W	99.9W	23:52:21.6	33	4.5	OFF COAST OF GUERRERO, MEXICO
MAY 11	8: 6:44	19.1W	65.2W	8:11:24.4	68	4.2	PUEERTO RICO REGION
MAY 11	17:37:38	61.4W	149.6W	17:46:43.8	58	5.5	SOUTHERN ALASKA
MAY 13	0: 8:17	19.6W	65.4W	0:12:55.0	30	4.7	PUEERTO RICO REGION
MAY 17	17:19:26	22.5W	121.3E	17:35:57.7	21	6.2	TAIWAN REGION
MAY 19	6:17:12	27.6W	110.9W	6:23:44.6	33	5.0	GULF OF CALIFORNIA
MAY 20	0:40:11	14.7S	167.4E	0:58:54.6	16	5.6	NEW HEBRIDES ISLANDS
MAY 23	23:46:12	52.2W	175.0E	23:57:31.1	22	6.1	RAT ISLANDS, ALUTIAN ISLANDS
MAY 24	23:21:11	13.0W	124.5E	23:40:12.8	33	5.9	SAMOA, PHILIPPINE ISLANDS
MAY 26	4:58:39	13.7W	90.6W	5: 3:58.3	39	5.2	NEAR COAST OF GUATEMALA
MAY 31	11:38:28	7.5S	128.7E	11:57:52.5	37	6.0	BANDA SEA
MAY 31	20:46:54	11.1N	86.0W	20:51:23.7	28	4.7	NICARAGUA
JUN 2	23:40:24	16.0W	46.8W	23:47:16.7	33	5.6	NORTH ATLANTIC RIDGE
JUN 3	7:43:39	51.9W	175.8E	7:54:52.4	58	5.0	RAT ISLANDS, ALUTIAN ISLANDS
JUN 3	10:57: 9	18.5W	70.3W	11: 1:31.2	27	4.5	DOMINICAN REPUBLIC REGION
JUN 7	20: 5:38	18.8W	107.8W	20:11:40.3	33	3.8	OFF COAST OF JALISCO, MEXICO
JUN 11	3:33:45	44.7W	148.7E	3:46:35.7	47	6.0	KURILE ISLANDS
JUN 11	7:11: 6	44.4W	149.2E	7:23:56.5	50	5.5	KURILE ISLANDS
JUN 12	18:50:11	20.3S	68.9W	18:59:47.4	103	6.5	CHILE-BOLIVIA BORDER REGION
JUN 12	22:16:46	44.2W	149.0E	22:29:51.9	48	5.3	KURILE ISLANDS
JUN 13	20: 1:48	37.8W	29.4E	20:14: 4.6	18	5.3	TURKEY
JUN 18	22:45:16	11.1S	73.6W	22:53:38.9	111	5.3	PERU
JUN 19	1:19:38	13.0W	90.3W	1:45: 5.3	32	4.6	OFF COAST OF GUATEMALA
JUN 19	6:38:13	52.3W	172.0E	6:49:36.0	54	5.2	NEAR ISLANDS, ALUTIAN ISLANDS
JUN 20	0:50:10	14.9S	175.1W	1:10:16.1	297	4.9	SAMOA ISLANDS REGION
JUN 20	18: 4:36	42.8N	126.5W	18:11:43.0	33	5.0	OFF COAST OF OREGON
JUN 22	23:49: 7	7.1W	123.5E	0: 7:19.7	60	5.6	HINDANAO, PHILIPPINE ISLANDS
JUN 23	7:37:46	11.5W	87.7W	7:43:17.7	25	4.6	NEAR COAST OF NICARAGUA
JUN 23	11: 9:15	56.6N	152.9W	11:18:27.3	36	5.7	KODIAK ISLAND REGION
JUN 24	3:45:44	17.1W	99.5W	3:51:15.1	57	4.6	GUERRERO, MEXICO
JUN 24	7:45:14	7.0W	126.2E	8: 4:22.5	50	6.0	HINDANAO, PHILIPPINE ISLANDS
JUN 27	17: 9: 3	2.5S	77.0W	17:16:44.6	108	5.0	PERU-ECUADOR BORDER
JUN 29	2: 4:23	44.4W	149.4E	2:17:14.9	33	5.5	KURILE ISLANDS
JUN 29	4: 5:39	18.1N	94.5W	4:10:31.2	100	4.5	GULF OF CAMPECHE
JUN 30	8:33:32	51.7W	176.5E	8:44:42.4	60	6.0	RAT ISLANDS, ALUTIAN ISLANDS
JUN 30	11:12:47	21.3S	66.5W	11:22:21.8	191	4.7	SOUTHERN BOLIVIA
JUL 2	20:58:40	53.1W	167.7W	21: 8:51.3	59	6.6	FOX ISLANDS, ALUTIAN ISLANDS

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUL 5	8:31:59	52.9N	34.2W	8:38:55.6	33	5.5	NORTH ATLANTIC OCEAN
JUL 6	3:18:45	38.7N	22.6E	3:30:32.9	28	5.9	GREECE
JUL 6	18:36:47	4.5S	155.1E	18:54:43.6	510	6.0	SOLOMON ISLANDS
JUL 7	23: 0: 7	6.9S	105.6E	23:19:48.9	109	5.8	SUNDA STRAIT
JUL 8	3:58:51	6.8S	105.5E	4:18:36.3	92	5.1	SUNDA STRAIT
JUL 10	19:22:19	41.6N	140.3E	19:36:46.0	139	5.2	HOKKAIDO, JAPAN
JUL 13	0:36:34	15.5N	91.7W	0:41:34.3	150	5.0	MEXICO-GUATEMALA BORDER REGION
JUL 15	14:16: 7	37.3N	74.3W	14:17:10.4	5.1	5.1	** OFF EAST COAST OF U.S. (AMNO)
JUL 15	18:33:30	7.7N	123.8E	18:54:11.5	588	5.8	MINDANAO, PHILIPPINE ISLANDS
JUL 16	10:34:17	12.1N	87.7W	10:39:36.3	42	4.8	OFF COAST OF NICARAGUA
JUL 19	4:13:20	9.2N	70.4W	4:19: 8.6	33	5.4	VENEZUELA
JUL 20				1: 8:40.1			NOT LISTED BY USCEGS
JUL 21	17:52:30	53.3N	170.4E	18: 3:57.5	26	5.7	NEAR ISLANDS, ALUTIAN ISLANDS
JUL 22	1:18:51	51.0N	176.0E	1:30: 7.5	33	5.6	RAT ISLANDS, ALUTIAN ISLANDS
JUL 25	8:44:22	41.7N	126.9W	8:51:34.3	33	5.3	OFF COAST OF NORTHERN CALIFORNIA
JUL 25	21:46:45	51.4N	176.0E	21:58: 4.6	37	5.3	RAT ISLANDS, ALUTIAN ISLANDS
JUL 28	22:29: 5	2.2S	101.8E	22:48:35.9	110	5.8	SOUTHERN SUMATRA
JUL 29	8:29:22	51.2N	171.3W	8:39:56.3	23	6.2	FOX ISLANDS, ALUTIAN ISLANDS
AUG 1	16:41:14	52.7N	153.4E	16:52:41.5	462	5.1	NORTHWEST OF KURILE ISLANDS
AUG 2	13:19:55	56.2S	158.2E	13:39:18.5	33	6.7	HACQUARIE ISLAND REGION
AUG 2	14:34:22	7.4N	78.7W	14:40:20.8	22	5.6	PANAMA
AUG 2	16:43: 9	7.4N	78.7W	16:49: 7.3	2	4.7	PANAMA
AUG 3	2: 1:52	7.7S	81.3W	2:10:58.5	49	5.0	OFF COAST OF NORTHERN PERU
AUG 4	1: 5:53	16.8N	94.5W	1:11: 6.7	117	5.2	OAXACA, MEXICO
AUG 5	0: 7:50	5.3S	151.7E	0:26:34.0	47	5.7	NEW BRITAIN REGION
AUG 6	1:58:41	0.5S	19.6W	2: 9:31.4	33	5.1	CENTRAL MID-ATLANTIC RIDGE
AUG 8	12:49:23	51.9N	175.3W	13: 0: 8.5	53	4.5	ANDREANOF ISLANDS, ALUTIAN IS.
AUG 9	2:34:22	7.0S	123.1E	2:52:54.1	576	5.5	BANDA SEA
AUG 9	8:40:30	1.3S	78.7W	8:47:29.5	133	5.1	ECUADOR
AUG 11	3:40:56	15.4S	166.9E	3:59:41.5	26	6.3	NEW HEBRIDES ISLANDS
AUG 11	22:31:49	15.8S	167.2E	22:50:37.1	33	6.4	NEW HEBRIDES ISLANDS
AUG 23	19:46: 3	16.3N	95.8W	19:51:43.5	28	6.7	OAXACA, MEXICO
AUG 24	0:56:21	15.9N	86.2W	1: 2:18.7	12	5.5	OFF COAST OF OAXACA, MEXICO
AUG 24	1: 1: 1	16.2N	96.2W	1: 6: 8.7	31	5.6	OAXACA, MEXICO
SEP 1	4:29:22	51.3N	150.6E	4:40:48.8	537	5.1	SEA OF OKHOTSK
SEP 2	4:26:37	51.9N	175.5E	4:38:41.9	31	4.5	RAT ISLANDS, ALUTIAN ISLANDS
SEP 4	7:48:45	52.0N	170.4W	7:59:16.4	38	5.2	FOX ISLANDS, ALUTIAN ISLANDS
SEP 4	14:32:48	58.2N	152.6W	14:41:56.5	19	6.7	KODIAK ISLAND REGION
SEP 9	10: 2:25	6.5N	84.4W	10: 8:32.5	27	6.7	OFF COAST OF CENTRAL AMERICA
SEP 9	14:42:20	34.7N	81.2W	14:43:47.8			** CHESTER, SOUTH CAROLINA
SEP 11	6:53: 1	5.3S	153.0E	7:12:54.5	67	6.3	NEW BRITAIN REGION
SEP 12	8:40:13	6.3S	151.6E	9: 0:12.6	48	6.0	NEW BRITAIN REGION
SEP 12				18:26:42.9			** SOUTH CAROLINA
SEP 12	22: 2:34	6.4S	70.8E	22:23: 0.1	33	6.1	CHAGOS ARCHIPELAGO REGION
SEP 13	13: 7:48	55.5N	165.7E	13:19:21.8	23	5.4	KORADORSKIE ISLANDS REGION
SEP 16	4:10:23	40.4N	125.7W	4:17:28.3	33	4.7	OFF COAST OF NORTHERN CALIFORNIA
SEP 16	19:51: 8	37.2N	74.3W	19:52:12.6			** OFF EAST COAST OF U.S. (AMNO)
SEP 17	11:13:56	1.4S	77.6W	11:20:50.6	190	5.5	ECUADOR
SEP 18	20:46:39	59.5N	145.1W	20:55:17.1	22	6.0	GULF OF ALASKA
SEP 19	8:47:49	0.9S	99.7E	9: 8:17.3	93	5.3	SOUTHERN SUMATRA
SEP 21	3:26:37	40.7N	50.0W	3:31:44.3	23	5.0	NORTH ATLANTIC OCEAN
SEP 27	5: 9:13	51.9N	175.5E	5:20:28.4	41	5.5	RAT ISLANDS, ALUTIAN ISLANDS
OCT 1	8:52: 6	50.1N	178.3E	9: 3:19.1	32	6.2	RAT ISLANDS, ALUTIAN ISLANDS
OCT 3	10:46:17	52.6N	170.6W	10:56:45.1	22	5.3	FOX ISLANDS, ALUTIAN ISLANDS
OCT 3	14:45:27	49.5N	156.5E	14:57:43.8	33	5.5	KURILE ISLANDS
OCT 3	16:14:55	42.9S	75.4W	16:26:54.7	28	6.0	OFF COAST OF SOUTHERN CHILE
OCT 4	4:12:49	44.0N	124.3W	4:20: 6.8	33	5.1	OFF COAST OF OREGON
OCT 4	6:23: 4	8.9N	82.7W	6:28:57.6	38	4.6	PANAMA-COSTA RICA BORDER REGION
OCT 12	6:27:17	52.2N	174.8W	6:38: 2.0	17	5.1	ANDREANOF ISLANDS, ALUTIAN IS.
OCT 12	13:40:56	56.3N	153.7W	13:50:11.8	11	5.2	KODIAK ISLAND REGION
OCT 15	0:34: 9	8.5N	103.6W	0:56:57.9	33	4.2	OFF COAST OF MEXICO
OCT 16	14:22:55	9.0N	83.5W	14:28:37.2	50	5.0	COSTA RICA
OCT 19	20:48:47	52.3N	174.3E	21: 0:15.9	49	5.7	NEAR ISLANDS, ALUTIAN ISLANDS
OCT 20	23:54:30	12.5N	87.4W	23:59:29.9	70	5.0	NEAR COAST OF NICARAGUA
OCT 21	2: 4:38	37.5N	41.0W	2: 9:44.3	22	5.2	** EASTERN MISSOURI
OCT 24	18:15: 5	49.7N	156.1E	18:27:22.7	30	5.7	KURILE ISLANDS
OCT 25	22:34:24	44.2N	145.3E	22:47: 9.1	140	6.0	HOKKAIDO, JAPAN REGION
OCT 31	13:47:57	24.9S	69.0W	13:58: 1.4	107	5.4	CHILE-ARGENTINA BORDER REGION

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
NOV 3	1:39: 2	9.1S	71.4W	1:46:31.3	583	6.7	PERU-BRAZIL BORDER REGION
NOV 3	16:41: 6	4.7S	126.6E	17: 3:43.8	450	5.7	BANDA SEA
NOV 3	18:21: 5	22.3S	114.1W	18:31:43.9	12	5.8	EASTER ISLAND REGION
NOV 6	9:21:49	22.1S	113.8W	9:32:36.7	33	5.5	EASTER ISLAND REGION
NOV 7	20:57:43	47.2W	76.3W	21: 3:35.6	33	3.8	SOUTHERN QUEBEC
NOV 13	4:33:53	43.8W	87.8E	4:47:34.5	59	6.7	NORTHERN SHENJIANG PROVINCE, CHINA
NOV 13	17:59:42	29.4S	68.1W	18:10:23.5	48	5.0	SAN JUAN PROVINCE, ARGENTINA
NOV 15	11:18:50	0.3S	18.7W	11:29:40.7	24	6.2	CENTRAL MID-ATLANTIC RIDGE
NOV 18	21:58:12	53.9W	160.7E	22:10: 5.9	12	5.5	NEAR EAST COAST OF KAMCHATKA
NOV 21	4: 2:29	39.8W	104.8W	4:13:22.4	5	4.5	COLORADO
NOV 21	10:31:50	6.1S	130.4E	10:52: 2.3	93	6.0	BANDA SEA
NOV 21	21:39:27	16.4W	98.8W	21:44:56.5	18	4.6	NEAR COAST OF GUERRERO, MEXICO
NOV 21	23: 3:15	19.4W	67.3W	23:12: 3.7	33	4.2	HONA PASSAGE
NOV 22	14: 0:27	52.0W	176.1W	14:11:13.7	49	5.5	ANDREANOF ISLANDS, ALUTIAN IS.
NOV 22	20:25:30	51.3W	179.8W	20:36:33.1	40	5.9	ANDREANOF ISLANDS, ALUTIAN IS.
NOV 23	2:17:49	51.4W	179.7W	2:28:50.5	48	5.6	ANDREANOF ISLANDS, ALUTIAN IS.
NOV 25	10:50:38	17.1S	100.4W	11: 0:19.2	29	5.2	SOUTHEAST CENTRAL PACIFIC OCEAN
NOV 29	17: 7: 2	6.0S	78.6W	17:14:49.8	33	5.4	NORTHERN PERU
DEC 3	15:13: 0			15:20: 9.7			SOUTHERN NEVADA - NUCLEAR BLAST
DEC 6	11:34:54	18.9W	107.1W	11:41: 2.5	37	6.5	OFF COAST OF JALISCO, MEXICO
DEC 9	6: 7:49	17.3W	100.0W	6:13:21.8	57	6.0	GUERRERO, MEXICO
DEC 13	10:52: 8	44.7W	150.1E	11: 4:58.8	35	6.0	KURILE ISLANDS REGION
DEC 14	14:21: 5	14.4W	89.8W	14:25:53.1	276	4.9	GUATEMALA
DEC 15	23: 5:21	7.5W	82.2W	23:11:15.7	15	6.2	SOUTH OF PANAMA
DEC 16	22:46:30	22.4W	68.5W	22:56:15.6	116	5.5	NORTHERN CHILE
DEC 17	6:17:25	8.6W	39.4W	6:25:41.8	33	5.3	CENTRAL MID-ATLANTIC RIDGE
DEC 21	8:41: 0	16.8W	98.1W	8:46:28.9	53	5.0	NEAR COAST OF GUERRERO, MEXICO
DEC 22	19:41:23	58.4W	153.0W	19:50:29.8	50	6.7	KODIAK ISLAND REGION
DEC 23	20:47:37	60.5W	141.0W	20:55:58.4	33	5.4	SOUTHEASTERN ALASKA
DEC 25	2:57:58	18.0S	179.2W	3:16:54.4	625	5.7	FIJI ISLANDS REGION
DEC 30	2: 6:31	54.1W	164.3W	2:16:30.6	28	5.7	UNITAR ISLAND REGION, ALUTIAN IS.
DEC 30	6:16: 4	16.8S	71.2W	6:25: 9.6	118	6.0	SOUTHERN PERU

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1966

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 1	13:23:39	42.8N	78.2W	13:25:22.3	10	4.7	** NEW YORK
JAN 13	10:30:51	19.1N	64.7W	10:35:32.0	41	4.5	VIRGIN ISLANDS
JAN 13	10:41:11	52.9N	172.0E	10:52:37.2	14	5.5	NEAR ISLANDS, ALUTIAN ISLANDS
JAN 19	4:44:29	17.8S	71.3W	4:53:51.0	50	5.1	NEAR COAST OF PERU
JAN 22	7:36:49	17.4N	94.1W	7:42:1.2	139	4.9	CHIAPAS, MEXICO
PBB 3	0:47:19	21.7S	68.4W	0:57:2.1	116	4.5	CHILE-BOLIVIA BORDER REGION
PBB 3	5:48:6	0.1N	123.5E	6:8:19.0	131	5.9	NORTHERN CEBESES
PBB 5	2:1:40	39.2N	22.0E	2:13:31.8	38	5.7	GREECE
PBB 5	16:16:1	50.2N	155.1E	16:28:11.2	98	5.8	KURILE ISLANDS
PBB 5	23:34:25	19.6S	69.6W	23:43:55.3	87	5.4	NORTHERN CHILE
PBB 6	4:12:27	15.9N	93.6W	4:17:53.4	92	5.2	NEAR COAST OF CHIAPAS, MEXICO
PBB 7	4:26:14	29.4N	69.7E	4:46:10.6	33	6.2	WEST PAKISTAN
PBB 7	23:6:34	30.2N	69.8E	23:26:32.8	10	6.2	WEST PAKISTAN
PBB 9	0:55:20	14.3N	93.0W	1:1:40.2	53	5.2	NEAR COAST OF CHIAPAS, MEXICO
PBB 13	4:57:58	49.8N	78.1E	5:11:10.2		5.5	EASTERN KAZAKH S.S.R.
PBB 17	11:48:1	32.2S	78.9E	12:8:44.5	33	6.2	MID-INDIAN RISE
PBB 22	5:2:37	5.4S	151.5E	5:21:36.5	28	6.7	NEW BRITAIN REGION
PBB 26	7:54:36	15.6N	92.1W	7:59:37.0	156	4.8	MEXICO-GUATEMALA BORDER REGION
MAR 3	3:25:28	48.3N	154.3E	3:37:54.0	45	5.5	KURILE ISLANDS
MAR 7	1:16:6	39.1N	41.7E	1:28:57.3	13	6.0	TURKEY
MAR 7	9:10:54	14.5N	93.2W	9:16:17.5	22	5.3	NEAR COAST OF CHIAPAS, MEXICO
MAR 8	20:46:12	20.0S	68.9W	20:55:42.8	122	5.9	CHILE-BOLIVIA BORDER REGION
MAR 9	23:13:52	7.4S	108.4E	23:33:23.2	148	5.6	JAVA
MAR 11	1:48:35	19.5S	69.2W	1:58:49.4	115	5.0	NORTHERN CHILE
MAR 11	10:24:20	21.7N	95.4W	10:28:51.3	46	4.7	GULF OF MEXICO
MAR 12	16:31:22	24.1N	122.6E	16:49:57.3	63	7.0	TAIWAN REGION
MAR 23	5:11:32	16.8W	85.9W	5:16:3.6	33	4.7	CARIBBEAN SEA
MAR 27	18:53:41	8.9W	83.4W	18:59:24.6	40	5.0	COSTA RICA
MAR 30	12:40:1	49.8N	129.7W	12:49:57.0	33	6.0	VANCOUVER ISLAND REGION
APR 2	1:52:38	16.5N	97.4W	1:58:3.4	42	4.5	OAXACA, MEXICO
APR 4	19:50:8	13.8N	89.7W	19:55:16.4	108	5.5	EL SALVADOR
APR 8	1:46:45	51.2N	157.7E	1:58:50.2	47	6.0	NEAR EAST COAST OF KANCHAKRA
APR 9	2:34:23	9.4N	84.2W	2:40:2.0	40	5.3	COSTA RICA
APR 9	2:42:9	9.6N	84.1W	2:47:48.6	30	5.7	COSTA RICA
APR 10	16:36:15	31.5S	71.2W	16:47:5.7	64	5.2	NEAR COAST OF CENTRAL CHILE
APR 10	22:27:2	41.4N	125.5W	22:34:5.1	33	5.6	OFF COAST OF NORTHERN CALIFORNIA
APR 11	17:17:34	18.4N	102.3W	17:22:57.8	72	5.7	MICHOACAN, MEXICO
APR 12	23:37:42	38.1S	73.0W	23:49:13.7	44	6.0	CENTRAL CHILE
APR 13	3:35:16	38.2S	73.2W	3:46:47.9	40	5.5	NEAR COAST OF CENTRAL CHILE
APR 16	1:27:15	57.0N	153.6W	1:36:27.6	33	6.0	KODIAK ISLAND REGION
APR 22	23:27:20	57.5N	152.1W	23:36:25.4	22	5.9	KODIAK ISLAND REGION
APR 23	0:9:34	0.9S	122.4E	0:29:0.5	45	6.7	NORTHERN CEBESES
APR 23	8:56:46	0.5S	122.2E	9:16:7.5	79	5.8	NORTHERN CEBESES
MAY 1	16:22:56	8.5S	74.3W	16:30:51.4	165	6.7	PERU-BRAZIL BORDER REGION
MAY 2	16:39:44	8.6S	114.9E	16:59:24.8	103	5.8	BALI ISLAND REGION
MAY 4	18:13:54	12.5N	87.6W	18:19:11.1	60	5.2	NEAR COAST OF NICARAGUA
MAY 7	3:26:46	53.6N	167.5W	3:36:57.0	45	4.9	FOX ISLANDS, ALUTIAN ISLANDS
MAY 9	0:42:56	34.5N	26.5E	0:55:12.5	33	5.5	CRETE
MAY 11	14:17:34	48.9N	156.2E	14:29:59.7	13	5.8	KURILE ISLANDS REGION
MAY 11	14:26:42	49.0N	156.2E	14:39:11.2	33	5.5	KURILE ISLANDS REGION
MAY 11	21:39:35	48.8N	156.3E	21:51:57.4	28	5.5	KURILE ISLANDS REGION
MAY 14	20:27:27	10.5N	63.0W	20:33:33.2	16	5.5	NEAR COAST OF VENEZUELA
MAY 15	14:46:6	51.5N	178.4W	14:57:4.8	31	5.7	ANDREANOP ISLANDS, ALUTIAN IS.
MAY 18	7:32:7	25.0N	109.0W	7:37:58.0	33	5.7	GULF OF CALIFORNIA
MAY 19	7:6:27	54.1N	144.1W	7:16:26.1	28	5.6	UNTHAK ISLAND REGION, ALUTIAN IS.
MAY 22	7:37:29	38.7N	24.1E	7:44:54.1	40	4.6	WESTERN TURKEY
MAY 31	6:19:2	37.6N	78.0W	6:19:32.9	33	3.4	** VIRGINIA

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUN 2	3:27:51	51.1N	176.0E	3:39:5.2	41	5.5	FAT ISLANDS, ALEUTIAN ISLANDS
JUN 3	13:49:14	17.9S	178.8W	14:6:8.6	643	5.3	FIJI ISLANDS REGION
JUN 4	14:12:53	13.2N	90.1W	14:18:13.0	48	4.4	NEAR COAST OF GUATEMALA
JUN 4	23:48:18	46.5N	152.2E	0:0:56.5	27	5.7	KURILE ISLANDS
JUN 6	7:46:16	36.3N	71.2E	7:59:52.0	225	6.7	AFGHANISTAN-USSR BORDER REGION
JUN 6	20:47:11	9.6N	126.4E	21:6:16.8	45	5.7	HINDANAO, PHILIPPINE ISLANDS
JUN 7	0:59:47	15.0S	75.8W	1:8:42.9	48	6.0	NEAR COAST OF PERU
JUN 7	3:24:17	15.1S	75.9W	3:33:15.2	42	4.9	NEAR COAST OF PERU
JUN 7	15:14:42	15.1S	75.8W	15:23:38.0	51	4.8	NEAR COAST OF PERU
JUN 8	14:56:54	15.2S	75.8W	15:5:53.3	39	4.4	NEAR COAST OF PERU
JUN 8	19:56:21	53.1W	171.1E	20:7:48.6	20	5.4	NEAR ISLANDS, ALEUTIAN ISLANDS
JUN 9	15:19:28	44.3N	147.6E	15:52:14.5	110	5.5	KURILE ISLANDS
JUN 11	18:08:38	12.2S	167.1E	18:26:54.1	259	6.1	SANTA CRUZ ISLANDS
JUN 15	0:59:46	10.4S	160.8E	1:18:37.0	31	7.5	SOLOMON ISLANDS
JUN 15	1:32:55	10.2S	161.1E	1:51:44.7	33	7.2	SOLOMON ISLANDS
JUN 15	2:19:48	17.2N	94.9W	2:25:8.2	43	4.3	SOUTHERN MEXICO
JUN 19	19:28:43	51.7N	176.2W	19:39:31.4	57	5.2	ANDREANOF ISLANDS, ALEUTIAN IS.
JUN 20	23:49:13	35.8S	72.2W	0:1:36.0	45	4.4	NEAR COAST OF CENTRAL CHILE
JUN 21	23:6:26	50.1N	157.8E	23:18:40.0	14	5.2	KURILE ISLANDS
JUN 22	7:11:1	14.7N	92.1W	7:16:11.3	87	4.7	NEAR COAST OF CHIAPAS, MEXICO
JUN 22	11:38:54	61.4N	147.6W	11:47:36.5	53	5.0	SOUTHERN ALASKA
JUN 22	20:29:4	7.2S	124.6E	20:47:42.1	507	6.1	BANDA SEA
JUN 25	17:24:39	13.7N	91.2W	17:29:50.5	119	5.3	NEAR COAST OF GUATEMALA
JUN 25	23:17:6	16.0N	96.5W	23:22:59.5	40	4.8	OAXACA, MEXICO
JUN 27	10:41:9	29.7N	80.9E	11:0:20.2	37	5.7	NEPAL-INDIA BORDER REGION
JUN 27	10:59:18	29.7N	81.0E	11:17:51.0	40	6.0	NEPAL-INDIA BORDER REGION
JUN 27	22:44:22	7.3N	125.0E	23:4:36.8	39	6.3	HINDANAO, PHILIPPINE ISLANDS
JUN 28	4:26:12	35.9N	120.5W	4:32:56.7	4	5.8	CENTRAL CALIFORNIA
JUN 30	22:15:1	37.3N	116.3W	22:21:9.3			SOUTHERN NEVADA - NUCLEAR BLAST
JUL 1	5:50:39	24.8N	122.5E	6:9:5.4	117	6.4	TAIWAN REGION
JUL 1	20:17:49	13.7N	88.4W	20:22:44.8	201	5.3	EL SALVADOR
JUL 3	3:55:16	52.5N	170.2W	4:5:37.9	69	5.3	FOX ISLANDS, ALEUTIAN ISLANDS
JUL 4	2:55:36	51.8N	176.4E	3:6:49.5	28	5.7	FAT ISLANDS, ALEUTIAN ISLANDS
JUL 4	18:33:36	51.7N	179.9E	18:44:41.9	13	6.0	FAT ISLANDS, ALEUTIAN ISLANDS
JUL 5	2:21:44	52.2N	178.4W	2:32:44.8	66	5.0	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 6	0:5:51	15.3S	75.5W	0:14:56.1	7	5.1	NEAR COAST OF PERU
JUL 12	18:53:8	44.6N	37.4E	19:5:23.5	26	5.9	WESTERN CAUCASUS
JUL 13	8:20:59	12.6N	87.7W	8:26:15.5	61	5.3	NEAR COAST OF NICARAGUA
JUL 15	8:0:1	16.9N	61.5W	8:5:14.5	89	5.4	LEeward ISLANDS
JUL 19	1:40:54	56.2N	164.9E	1:52:36.9	18	5.4	KOMANDORSKIE ISLAND REGION
JUL 19	19:20:33	51.7N	173.3W	19:31:11.1	47	5.5	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 22	10:17:22	51.7N	173.5W	10:28:0.9	56	5.6	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 23	14:31:51	51.7N	173.5W	14:42:29.3	55	5.3	ANDREANOF ISLANDS, ALEUTIAN IS.
JUL 27	4:48:59	24.2S	70.3W	4:59:6.5	35	6.0	NEAR COAST OF NORTHERN CHILE
JUL 29	4:36:25	36.6N	74.1W	4:37:28.6	1	4.7	** OFF EAST COAST OF U.S. (AWRO)
AUG 1	20:32:1	44.6N	150.4E	20:45:8.5	24	5.2	KURILE ISLANDS REGION
AUG 1	21:3:0	30.0N	68.7E	21:21:42.0	33	6.7	WEST PAKISTAN - 2 DEAD
AUG 6	2:31:8	42.2N	18.8E	2:42:31.0	33	5.3	YUGOSLAVIA
AUG 6	14:38:41	7.8S	75.1W	14:46:31.5	149	5.4	NORTHERN PERU
AUG 7	2:13:5	50.6N	171.3W	2:23:38.3	39	7.0	ALEUTIAN ISLANDS REGION
AUG 7	17:36:27	31.8N	114.5W	17:42:26.6	33	6.2	GULF OF CALIFORNIA
AUG 8	8:2:46	19.3N	108.1W	8:9:4.4	33	5.5	REVILLA GIGEDO ISLANDS REGION
AUG 8	9:57:30	27.7S	69.0W	10:8:35.5	83	5.6	NORTHERN CHILE
AUG 9	8:58:53	16.9N	38.0W	9:4:18.9	106	4.6	OAXACA, MEXICO
AUG 9	11:12:39	9.3N	93.8W	11:18:28.0	35	5.0	COSTA RICA
AUG 11	10:46:0	52.8N	169.7W	10:57:22.1	61	5.3	FOX ISLANDS, ALEUTIAN ISLANDS
AUG 12	20:17:0	52.9N	161.6W	20:26:50.8	31	5.6	SOUTH OF ALASKA
AUG 15	2:45:32	13.3N	121.3E	3:4:39.5	14	5.7	HINDORO, PHILIPPINE ISLANDS
AUG 16	2:16:20	36.4N	70.8E	2:34:6.6	199	5.7	HINDU KUSH REGION
AUG 16	18:2:36	37.4N	114.2W	18:8:27.5	33	5.5	SOUTHERN NEVADA
AUG 17	19:54:10	5.0S	125.2E	20:12:37.9	538	5.6	BANDA SEA
AUG 17	20:58:16	52.3N	174.9E	21:9:54.7	32	5.6	NEAR ISLANDS, ALEUTIAN ISLANDS
AUG 18	0:5:5	1.7S	100.6E	0:24:45.1	19	5.3	SOUTHERN SUMATRA
AUG 18	9:15:35	37.3N	114.1W	9:30:8.4	9	5.1	SOUTHERN NEVADA
AUG 18	10:33:16	14.6N	91.7W	10:38:27.3	76	6.0	GUATEMALA
AUG 18	14:34:0	0.2S	125.1E	14:53:22.6	56	6.3	HOLUCCA SEA
AUG 18	14:37:53	0.1S	125.1E	14:56:52.3	33	6.3	HOLUCCA SEA
AUG 19	11:23:13	53.6N	167.6W	11:33:23.7	54	5.1	FOX ISLANDS, ALEUTIAN ISLANDS
AUG 19	12:22:10	39.2N	41.7E	12:34:56.7	26	6.1	TURKEY
AUG 20	7:43:28	3.2S	77.2W	7:50:43.7	116	5.6	PERU-ECUADOR BORDER REGION
AUG 20	9:32:12	41.1N	140.6E	9:45:29.8	161	6.2	HOKKAIDO, JAPAN REGION
AUG 20	11:59:12	39.3N	40.9E	12:11:44.7	17	5.4	TURKEY

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
AUG 21	5: 0:27	8.5N	126.7E	5:19:29.9	67	6.6	MINDANAO, PHILIPPINE ISLANDS
AUG 24	7:17:18	19.9S	69.2W	7:26:50.1	100	5.0	NORTHERN CHILE
AUG 25	23:18:51	22.4S	68.6W	23:28:38.3	112	5.3	NORTHERN CHILE
AUG 28	10: 3: 3	4.6S	155.2E	10:20:58.6	509	5.6	SOLOMON ISLANDS
AUG 30	20:20:54	61.3N	147.5W	20:29:38.3	36	5.7	SOUTHERN ALASKA
SEP 2	22:14:51	53.1N	169.8W	22:25:13.1	33	4.9	FOX ISLANDS, ALUTIAN ISLANDS
SEP 3	16:24:21	10.2N	104.2W	16:31: 5.0	47	4.4	OFF COAST OF MEXICO
SEP 8	8:28:52	23.5S	66.6W	8:38:40.5	204	5.4	JUJUY PROVINCE, ARGENTINA
SEP 8	21:15:53	2.4N	128.4E	21:34:50.3	96	6.7	HALMAHERA
SEP 11	17:38: 4	6.8N	72.9W	17:43:55.3	167	5.0	NORTHERN COLOMBIA
SEP 14	23:18:42	60.1S	27.0W	23:37: 2.2	33	6.2	SOUTH SANDWICH ISLANDS REGION
SEP 24	8:57:10	12.0N	130.8W	9: 6:19.4	33	5.3	NORTH PACIFIC OCEAN
SEP 25	6: 2:26	18.3N	100.8W	6: 7:54.9	60	4.7	GUERRERO, MEXICO
OCT 8	17:43:56	51.6N	173.8W	17:54:38.4	35	5.5	ANDREANOF ISLANDS, ALUTIAN IS.
OCT 9	8:10:28	31.3N	114.3W		33	5.2	GULF OF CALIFORNIA
OCT 10	1:19:45	16.1N	98.1W	1:24:35.0	43	4.7	NEAR COAST OF GUERRERO, MEXICO
OCT 10	10: 3:31	10.8N	62.5W	10: 9: 5.1	95	4.9	NEAR COAST OF VENEZUELA
OCT 12	0: 6:38	11.9S	121.8E	0:26:22.6	33	5.7	SOUTH OF TIMOR
OCT 12	20:20: 7	11.2N	86.2W	20:25:32.4	43	5.6	NEAR COAST OF NICARAGUA
OCT 14	1:49:28	19.2N	67.9W	1:53:51.7	43	4.6	HONA PASSAGE
OCT 16	6:48:39	19.7S	70.4W	6:54:14.8	45	5.0	NEAR COAST OF NORTHERN CHILE
OCT 17	21:41:56	10.7S	78.7W	21:50:20.1	38	7.5	NEAR COAST OF PERU
OCT 17	23:46:52	10.0S	79.6W	23:55:14.2	46	4.9	OFF COAST OF PERU
OCT 19	8: 1:34	1.6S	15.5W	8:12:43.7	33	6.7	NORTH OF ASCENSION ISLAND
OCT 27	5:57:58	73.4N	54.8E	6: 8:51.0	6.3		NOVAYA ZHELYA
NOV 3	11:37:23	19.1N	67.9W	11:41:46.8	47	5.2	HONA PASSAGE
NOV 3	16:24:31	19.2N	67.9W	16:28:56.0	22	5.6	HONA PASSAGE
NOV 10	3: 2:32	31.9S	68.4W	3:13:21.8	113	6.0	SAN JUAN PROVINCE, ARGENTINA
NOV 11	15:31: 4	52.3N	169.1W	15:41:26.5	38	5.4	FOX ISLANDS, ALUTIAN ISLANDS
NOV 12	11:50:32	23.8S	67.6W	12: 0:30.1	126	5.6	CHILE-ARGENTINA BORDER REGION
NOV 13	2:51:51	17.1N	61.9W	2:57: 2.6	65	5.5	LEeward ISLANDS
NOV 15	16:19: 7	51.2N	176.6W	16:29:58.3	48	5.0	ANDREANOF ISLANDS, ALUTIAN IS.
NOV 20	9:29:59	51.4N	176.6W	9:40:49.2	54	5.1	ANDREANOF ISLANDS, ALUTIAN IS.
NOV 22	6:29:53	48.2N	146.7E	6:41:50.4	453	6.2	SEA OF OKHOTSK
NOV 26	2:18:17	25.6S	70.6W	2:28:31.0	54	5.5	NEAR COAST OF NORTHERN CHILE
NOV 27	20:13: 1	78.5N	6.4E	20:22:26.3	33	5.6	SVALBARD REGION
DEC 1	4:56:58	14.0S	167.1E	5:15:31.3	132	6.4	NEW HEBRIDES ISLANDS
DEC 7	17:17:42	44.3N	151.7E	17:30:30.5	26	5.8	KURILE ISLANDS REGION
DEC 7	23:54:36	18.3N	68.5W	23:58:57.3	141	5.0	HONA PASSAGE
DEC 10	10:38:36	24.2S	67.9W	10:48:39.9	91	5.4	CHILE-ARGENTINA BORDER REGION
DEC 10	13: 6:33	14.3N	92.0W	13:11:47.7	70	5.6	GUATEMALA
DEC 14	21: 7:52	4.8S	143.9E	21:26:53.9	74	6.0	NEW GUINEA
DEC 17	17:41:20	22.8S	68.9W	17:51:12.1	105	5.1	NORTHERN CHILE
DEC 23	15:50:20	7.1S	148.3E	16: 9:25.8	43	6.7	EAST NEW GUINEA REGION
DEC 29	1:48:29	25.7S	70.7W	1:58:43.8	33	5.4	NEAR COAST OF NORTHERN CHILE
DEC 31	18:23: 4	11.4S	166.5E	18:42:45.0	33	7.5	SANTA CRUZ ISLANDS - 1 N TSUWAMI

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1967

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 4	20:15:56	10.7N	62.5W	20:21:52.6	74	5.5	NEAR COAST OF VENEZUELA
JAN 5	0:14:40	48.1N	102.8E	0:29:14.6	33	7.2	MONGOLIA
JAN 7	19:24:15	17.4N	98.8W	19:29:40.7	68	4.9	GUERRERO, MEXICO
JAN 11	11:20:46	34.1N	45.7E	11:33:59.9	34	5.6	IRAN-IRAQ BORDER REGION
JAN 14	12: 4:51	52.1N	175.4P	12:16:16.7	41	5.1	RAT ISLANDS, ALUTIAN ISLANDS
JAN 17	1: 7:54	27.4S	63.3W	1:17:14.5	590	5.5	SANTIAGO DEL ESTERO PROV., ARG.
JAN 17	11:59:31	38.3N	142.1E	12:12:59.6	44	5.9	NEAR E COAST OF HONSHU, JAPAN
JAN 18	4:20:53	48.9N	154.9E	4:33:15.1	40	5.4	KURILE ISLANDS
JAN 18	5:34:33	56.6N	120.8E	5:47:17.1	11	6.1	EASTERN RUSSIA
JAN 18	8:18:22	52.2N	168.3W	8:28:40.0	37	5.7	FOX ISLANDS, ALUTIAN ISLANDS
JAN 19	2:19:23	12.4N	86.7W	2:24:23.5	211	4.1	NICARAGUA
JAN 22	10:30: 3	53.5N	165.3W	10:40: 5.4	69	5.0	FOX ISLANDS, ALUTIAN ISLANDS
JAN 23	20:25:38	19.9N	109.3W	20:32:55.9	56	5.3	REVILLO GIGEDO ISLANDS REGION
JAN 24	9:29:12	0.6S	21.0W	9:39:56.6	33	4.9	CENTRAL MID-ATLANTIC RIDGE
JAN 26	6: 4:34	21.4N	108.9W	6:10:39.0	33	5.3	REVILLO GIGEDO ISLANDS REGION
JAN 26	16:10:34	15.0N	92.8W	16:15:47.2	56	5.3	MEXICO-GUATEMALA BORDER REGION
JAN 28	13:52:58	52.4N	169.5W	14: 3:21.3	47	6.3	FOX ISLANDS, ALUTIAN ISLANDS
JAN 28	16:31:21	52.3N	169.3W	16:41:43.2	32	5.6	FOX ISLANDS, ALUTIAN ISLANDS
JAN 28	17:42: 1	52.4N	169.4W	17:52:21.3	50	5.6	FOX ISLANDS, ALUTIAN ISLANDS
JAN 31	13:37:34	2.8N	84.4W	13:44:10.0	33	5.3	OFF COAST OF CENTRAL AMERICA
FEB 9	15:24:47	2.9N	74.9W	15:30:18.4	58	6.3	COLOMBIA - 100 DEAD
FEB 11	4:25:47	16.3N	98.6W	4:31:21.6	38	4.7	NEAR COAST OF GUERRERO, MEXICO
FEB 13	23:14:20	52.7N	34.1W	23:21:20.0	10		NORTH ATLANTIC OCEAN
FEB 15	16:11:12	9.0S	71.3W	16:18:39.0	597	6.2	PERU-BRAZIL BORDER REGION
FEB 19	11:46:40	16.2N	34.5W	11:52:16.0	25	4.8	NEAR COAST OF GUERRERO, MEXICO
FEB 19	22:14:35	9.2S	113.1E	22:34:21.4	80	6.2	SOUTH OF JAVA
FEB 19	23:28:28	0.0N	124.2E	23:51:14.8	101	5.7	MOLUCCA SEA
FEB 21	4:16:21	19.2N	67.9W	4:20:46.4	44	4.8	HONA PASSAGE
FEB 24	10:42:42	7.2S	123.8E	11: 1:40.9	575	5.0	BANDA SEA
MAR 2	2:47:32	0.3S	78.8W	2:54:22.9	121	4.8	ECUADOR
MAR 4	17:58: 6	39.2N	24.6E	18:10: 2.3	33	6.5	AEGEAN SEA
MAR 4	22:41:14	7.8N	146.2E	23:11:54.0	20	5.1	CAROLINE ISLANDS REGION
MAR 10	4:37:19	56.2N	34.7W	4:41:38.8	33	4.2	NORTH ATLANTIC OCEAN
MAR 11	14:44:59	19.1N	95.8W	14:49:58.4	33	5.2	VERACRUZ, MEXICO
MAR 13	16: 6:54	40.1S	74.5W	16:18:40.6	33	7.1	OFF COAST OF SOUTHERN CHILE
MAR 19	1:10:46	6.7S	129.9E	1:45:12.3	60	5.9	BANDA SEA
MAR 19	4: 1:37	45.4N	151.3E	4:14:25.2	33	6.5	KURILE ISLANDS
MAR 20	13:31:34	45.6N	151.4E	13:44:17.2	51	5.5	KURILE ISLANDS
MAR 21	18:11:42	6.8N	73.0W	18:17:35.3	151	5.4	NORTHERN COLOMBIA
MAR 24	9: 0:19	6.0S	112.3P	9:19: 3.3	600	6.7	JAVA SEA
MAR 25	22:47:58	45.5N	151.4E	23: 0:37.2	41	5.5	KURILE ISLANDS
MAR 27	8:26:34	8.9S	71.3W	8:33:43.2	603	5.3	WESTERN BRAZIL
MAR 30	2: 8: 2	11.0S	115.5E	2:27:53.0	33	6.0	SOUTH OF BALI ISLAND
MAR 31	2:12:18	52.1N	169.7W	2:22:54.9	28	5.4	FOX ISLANDS, ALUTIAN ISLANDS
APR 1	5:54:19	45.8N	151.8P	6: 7:48.4	40	5.7	KURILE ISLANDS
APR 1	12:23:35	45.7N	151.8P	12:36:16.1	40	5.7	KURILE ISLANDS
APR 5	22:29:35	53.2S	140.6E	22:49:14.2	33	5.0	WEST OF MACAQUIE ISLAND
APR 6	3: 7: 5	19.6N	64.2W	3:11:50.5	13	4.6	VIRGIN ISLANDS
APR 6	14: 1:21	16.3N	98.0W	14: 6:51.1	54	4.9	NEAR COAST OF GUERRERO, MEXICO
APR 10	19: 0:26	39.9N	104.8W	19:10:17.5	5	4.8	COLOFADO
APR 11	12:42:48	18.8W	62.7W	12:46:44.8	49	5.2	LEeward ISLANDS
APR 12	4:40:53	19.3N	63.6W	4:45:38.3	38	4.5	LEeward ISLANDS
APR 12	4:51:40	5.3N	94.5E	5: 9: 7.7	51	6.0	NORTHERN SUMATRA
APR 13	19:59:52	14.5N	100.2W		86	4.3	GUERRERO, MEXICO
APR 14	5:18:36	17.5N	100.2W		62	4.6	GUERRERO, MEXICO
APR 14	8:29:17	11.7N	77.2W	8:34:32.4	113	4.7	NEAR COAST OF NICARAGUA
APR 19	21:57: 5	18.4N	69.6W	22: 2:19.9	103	5.0	DOMINICAN REPUBLIC REGION
APR 22	14:43:21	8.3N	62.6W	14:49: 7.2	40	5.0	PANAMA-COSTA RICA BCFLEP
APR 25	10:36:14	32.4S	69.0W	10:47:17.7	39	5.7	MENDOZA PROVINCE, ARGENTINA
APR 29	0: 4:42	51.2N	130.4W	0:25:21.5	6	5.1	QUEEN CHARLOTT IS. REGION (N/S)
MAY 1	7: 9: 0	19.7N	21.3E	7:20:54.8	15	5.5	GREECE - 9 DEAD

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
MAY 11	15: 5:17	20.1S	68.5W	15:14:55.2	67	6.7	CHILE-BOLIVIA BORDER REGION
MAY 21	7:18:11	27.9W	111.3W	7:13:25.0	33	4.4	GULF OF CALIFORNIA
MAY 21	18: 0: 5	10.4W	110.6W	18: 5:30.4	11	3.8	EASTERN ARIZONA
MAY 27	17:22:59	51.9W	176.1W	17:35:20.0	34	5.8	FAT ISLANDS, ALEUTIAN ISLANDS
JUN 1	3:16:19	11.7W	165.6W	3:46:21.7	60	6.7	FOX ISLANDS, ALEUTIAN ISLANDS
JUN 3	9: 8:56	58.4W	151.2W	9:17:58.0	32	4.8	KODIAK ISLAND REGION
JUN 10	5:26:44	41.1S	73.6W	5:38:36.7	37	5.7	NEAR COAST OF SOUTHERN CHILE
JUN 12	0: 5: 6	16.6W	46.6W	0:11:59.5	33	5.1	NORTH ATLANTIC RIDGE
JUN 12	3: 7:39	3.0S	100.6E	3:27:20.4	33	5.1	SOUTHERN SUMATRA
JUN 12	2:51: 5	38.2W	22.7E	3: 3: 9.3	33	4.8	GREECE
JUN 13	0:17:16	17.5S	167.5W	0:35:15.7	9	4.8	NEW HEBRIDES ISLANDS
JUN 13	19: 8:54	42.9W	78.2W	19:12:27.5	5	3.9	** NEW YORK - SLIGHT DAMAGE ATTICA
JUN 14	3:14:17	14.9S	73.4W	3:23:12.4	99	5.6	PERU
JUN 14	8: 5:59	47.5W	154.4E	8:25:31.3	55	4.4	KURILE ISLANDS
JUN 14	8:13: 2	47.5W	154.5E	8:25:30.1	53	5.4	KURILE ISLANDS
JUN 17	5: 0:12	58.3S	26.6W	5:17:42.3	140	6.3	SOUTH SANDWICH ISLANDS REGION
JUN 19	17: 7:45	52.7W	166.9W	17:17:58.0	33	5.7	FOX ISLANDS, ALEUTIAN ISLANDS
JUN 21	6:49:57	2.2S	77.6W	6:57:12.0	49	6.0	PERU-ECUADOR BORDER REGION
JUN 21	18: 4:49	64.8W	147.4W	18:13:41.4	17	5.5	CENTRAL ALASKA
JUN 21	20: 9:28	25.2S	70.5W	20:19:44.0	23	5.7	NEAR COAST OF NORTHERN CHILE
JUN 24	7:51:46	14.3W	92.6W	7:56:59.8	91	4.5	NEAR COAST OF CHIAPAS, MEXICO
JUN 26	2:22:35	18.4W	105.2W	2:28:32.7	45	4.7	OFF COAST OF JALISCO, MEXICO
JUN 29	13:57: 7	33.6W	90.9W	14: 2:11.5	33	3.4	** MISSISSIPPI
JUL 1	7:28:58	0.8S	98.7E	7:48:32.7	26	5.5	SOUTHERN SUMATRA
JUL 1	23:10: 7	54.4W	158.0W	23:19:40.8	33	6.3	SOUTH OF ALASKA
JUL 6	13:42:22	52.6W	168.2W	13:52:44.4	14	5.8	FOX ISLANDS, ALEUTIAN ISLANDS
JUL 6	18:32:15	18.9W	61.9W	18:37:14.4	57	5.1	LEeward ISLANDS
JUL 6	19:19:48	8.1W	38.5W	19:28:15.6	33	4.9	CENTRAL MID-ATLANTIC RIDGE
JUL 10	12: 1:31	5.9S	113.1E	12:20:13.3	591	5.4	JAVA SEA
JUL 12	21: 0:21	5.6W	82.6W	21: 6:30.2	33	6.5	SOUTH OF PANAMA
JUL 20	15:36:20	7.7W	134.9E	15:55:27.7	8	6.2	WEST CAROLINE ISLANDS
JUL 21	9:14:49	37.5W	90.4W	9:18:45.5	35	3.9	** EASTERN MISSOURI
JUL 22	16:56:53	40.7W	30.8E	17: 9: 7.6	4	7.1	TURKEY - 173 DEAD
JUL 24	7:39: 2	8.3S	121.3E	7:58:52.2	197	5.7	FLORIS ISLAND REGION
JUL 29	10:24:25	6.8W	73.0W	10:30:11.2	161	6.1	NORTHERN COLOMBIA - 10 DEAD
JUL 29	23:59:59	10.6W	67.3W	0: 5:46.2	10	5.7	NEAR COAST OF VENEZUELA
AUG 2	11: 6:39	71.2W	8.0W	11:15:36.1	33	5.1	JAN HAYEN ISLAND REGION
AUG 2	14: 6:18	71.2W	8.5W	14:15:13.9	33	5.3	JAN HAYEN ISLAND REGION
AUG 4	6: 1:10	7.4W	36.3W	6: 9:49.4	33	5.0	CENTRAL MID-ATLANTIC RIDGE
AUG 9	13:25: 6	39.9W	104.7W	13:33:38.9	5	4.0	COLORADO
AUG 19	15:28: 8	10.4W	126.0E	15:47:11.1	58	5.5	PHILIPPINE ISLANDS REGION
AUG 20	15: 3:36	25.2S	69.0W	15:13:44.2	109	5.7	NORTHERN CHILE
AUG 21	7:33: 1	3.6W	95.8E	7:52:37.3	33	6.3	OFF W COAST OF NORTHERN SUMATRA
AUG 22	8:55:55	19.7S	70.7W	9: 6:29.4	46	4.8	NEAR COAST OF NORTHERN CHILE
AUG 22	13: 2: 7	60.8S	24.6W	13:20:43.5	33	5.7	SOUTH SANDWICH ISLANDS REGION
AUG 26	0:36:42	12.2W	140.7E	0:55:28.7	33	6.0	WEST CAROLINE ISLANDS
AUG 27	13: 8:56	12.3W	86.2W	13:14: 3.4	183	5.2	HICARAGUA
SEP 3	21: 7:31	10.6S	79.8W	21:15:52.9	38	6.7	OFF COAST OF PERU
SEP 7	7:12:37	2.7W	147.5E	7:31:25.4	274	5.8	CELEBES SEA
SEP 9	10: 6:44	27.7S	83.1W	10:16:28.6	578	5.0	SANTIAGO DEL ESTERO PROV., ARG.
SEP 17	7:56:23	17.2W	94.1W	8: 1:26.4	45	5.2	CHIAPAS, MEXICO
SEP 20	9:39:15	49.4S	163.4E	9:58:28.9	30	6.3	AUCKLAND ISLANDS REGION
SEP 20	10:30:53	49.4S	163.4E	10:49: 9.4	19	5.8	AUCKLAND ISLANDS REGION
SEP 22	9: 8: 4	0.7S	20.1W	8:17:50.4	33	5.3	CENTRAL MID-ATLANTIC RIDGE
SEP 29	4:56:56	6.6S	153.4E	5:15:52.0	44		NEW BRITAIN REGION
OCT 3	18:16: 3	10.9W	95.9W	18:21:35.7	21	6.0	COSTA RICA
OCT 4	6: 2:16	10.7W	40.0W	6: 4:48.1	33	4.5	OFF COAST OF COSTA RICA
OCT 4	10:20:14	38.5W	112.1W	10:25:42.5	18	5.4	UTAH
OCT 4	17:21:21	5.7S	153.9E	17:40:15.9	52	6.7	NEW IPELAND REGION
OCT 9	17:21:50	21.1S	179.3W	17:38:47.7	654	6.9	FIJI ISLANDS REGION

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
OCT 12	18:31:37	7.1S	129.8E	18:51:4.6	45	6.2	BANDA SEA
OCT 14	3:31:4	17.3N	60.8W	3:36:24.3	29	5.3	LEEWARD ISLANDS
OCT 15	8:0:50	11.9N	86.0W	8:7:1.0	162	6.2	NEAR COAST OF NICARAGUA
OCT 16	1:31:50	10.7S	77.6W	1:59:35.9	89	4.7	NEAR COAST OF PERU
OCT 18	1:11:45	79.8N	2.4E	1:21:2.6	33	5.8	GREENLAND SEA
OCT 21	2:35:13	27.7S	71.8W	2:45:46.3	13	5.0	NEAR COAST OF NORTHERN CHILE
OCT 21	4:54:58	73.4N	54.8E	5:10:52.0		5.9	NOVAYA ZEMLYA
OCT 23	9:4:10	33.4N	80.7W	9:5:56.8	33	3.8	** SOUTH CAROLINA
NOV 4	16:26:48	2.8S	77.7W	16:34:0.5	99	6.0	PERU-ECUADOR BORDER REGION
NOV 8	3:10:53	16.8N	85.9W	3:15:25.3	28	5.4	CARIBBEAN SEA
NOV 9	2:18:45	7.2S	123.6E	2:38:18.9	560	5.8	BANDA SEA
NOV 15	21:31:51	28.7S	71.2W	21:42:26.4	15	6.2	NEAR COAST OF CENTRAL CHILE
NOV 18	12:16:55	13.4N	89.1W	12:22:1.5	78	5.1	EL SALVADOR
NOV 23	13:42:2	80.2N	1.0W	13:51:21.0	10	5.8	NORTH OF SVALBARD
NOV 30	7:23:51	41.5N	20.5E	7:35:24.6	29	6.0	ALBANIA - 18 DEAD
DEC 5	6:54:49	1.7N	127.1E	6:58:22.1	72	5.3	HALMAHERA
DEC 10	12:6:50	40.5N	124.6W	12:13:54.2	5	5.8	NEAR COAST OF NORTH CALIFORNIA
DEC 16	12:23:37	37.4N	81.6W	12:24:18.2	33	3.5	** WEST VIRGINIA
DEC 21	2:25:22	21.8S	70.0W	2:34:12.8	33	6.3	NEAR COAST OF NORTHERN CHILE
DEC 24	20:3:11	17.4N	61.1W	20:9:27.1	24	6.4	LEEWARD ISLANDS
DEC 24	21:32:31	17.4N	61.3W	21:38:46.8	20	5.9	LEEWARD ISLANDS
DEC 25	10:41:32	21.5S	70.4W	10:51:15.7	53	5.8	NEAR COAST OF NORTHERN CHILE
DEC 27	9:17:56	21.2S	68.3W	9:27:32.3	135	6.4	CHILE-BOLIVIA BORDER REGION
DEC 28	6:26:16	44.2N	128.8W	6:33:37.2	33	5.4	OFF COAST OF OREGON

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1968

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KN	MAG	GEOGRAPHIC LOCATION
JAN 8	20:22:16	8.2N	38.2W	20:30:42.5	33	5.4	CENTRAL MID-ATLANTIC RIDGE
JAN 19	6: 4:38	9.4S	158.4E	6:23: 4.5	33	6.7	SOLOMON ISLANDS
JAN 19	18:15: 1	38.6W	116.2W	18:21: 6.5			SOUTHERN NEVADA - NUCLEAR BLAST
JAN 21	16:42:28	1.2S	14.0W	16:53:45.7	33	5.4	NORTH OF ASCENSION ISLAND
JAN 21	23:44:46	15.6W	92.3W	23:49:43.5	166	5.2	MEXICO-GUATEMALA BORDER
JAN 29	10:19: 6	43.6W	146.7E	10:32: 5.2	38	7.0	KURILE ISLANDS
JAN 30	3:44:24	6.1S	113.3E	4: 4: 2.8	594	6.2	JAVA
FEB 3	5:36:15	16.7W	99.4W	5:41:53.0	9	5.7	NEAR COAST OF GUERRERO, MEXICO
FEB 3	15:40:44	16.6W	93.5W	15:45:53.8	142	5.5	CHIAPAS, MEXICO
FEB 19	22:45:41	39.4W	25.0E	22:57:44.0	7	6.4	AEGEAN SEA - 20 DEAD
FEB 22	17:46:57	51.4W	176.3W	17:57:45.4	49	5.1	ANDREANOF ISLANDS, ALUTIAN IS.
FEB 25	18: 8:20	51.4W	176.0W	18:19: 8.5	50	5.2	ANDREANOF ISLANDS, ALUTIAN IS.
MAR 10	3:49:25	52.1W	177.3W	4: 0:34.7	14	5.4	RAT ISLANDS, ALUTIAN ISLANDS
MAR 10	4:35:38	60.2W	152.4W	4: 0:34.7	86		SOUTHERN ALASKA
MAR 12	9:32: 7	13.0W	72.6W	9:37:21.3	11	5.3	CARIBBEAN SEA
MAR 22	1:55:43	20.4S	69.0W	2: 5:20.0	96	4.8	NORTHERN CHILE
MAR 24	17:13:20	12.5W	86.5W	17:18:40.8	79	5.1	NICARAGUA
MAR 26	0:41:57	6.6S	116.1E	1: 0:40.7	520	5.9	BALI SEA
MAR 28	1: 7:38	15.1W	92.1W	1:12:43.5	111	5.0	MEXICO-GUATEMALA BORDER REGION
APR 1	0:42: 4	32.5W	132.2E	0:56:18.2	33	7.3	SHIKOKU, JAPAN
APR 9	2:28:59	33.1W	116.1W	2:35:15.3	20	6.5	SOUTHERN CALIFORNIA
APR 21	9:24:35	23.4S	70.5W	9:34:35.9	41	5.5	NEAR COAST OF NORTHERN CHILE
APR 23	20:29:14	58.7W	150.0W	20:38:11.0	23	6.0	GULF OF ALASKA
APR 26	15: 0: 0	37.3W	116.5W	15: 6:10.1		6.4	SOUTHERN NEVADA - NUCLEAR BLAST
APR 26	17:48: 2	18.7W	103.3W	17:53:42.8	65	5.5	NEAR COAST OF MICHOACAN, MEXICO
MAY 2				6:33:53.7			NOT LISTED BY USCGGS-GOOD EVENT
MAY 6	14:37:50	14.6W	90.8W	14:42:54.5	123	5.1	GUATEMALA
MAY 8	12:17:13	43.6W	127.9W	12:24:30.0	33	6.2	OFF COAST OF OREGON
MAY 8	21:53: 3	43.9W	128.2W	22: 1: 8.5	33	4.6	OFF COAST OF OREGON
MAY 9	18: 3:10	16.3W	93.4W	18: 8:19.6	101	5.1	CHIAPAS, MEXICO
MAY 16	0:48:55	40.8W	143.2E	1: 2:21.0	7	7.9	OFF E COAST OF HONSHU - 47 DEAD
MAY 16	10:39: 2	41.5W	142.7E	10:52:18.5	33	7.0	HOKKAIDO, JAPAN
MAY 19				23:49:31.0			NOT LISTED BY USCGGS
MAY 20	21: 9:45	41.4W	143.5E	21:22:33.6	38	5.8	KURILE ISLANDS REGION
MAY 21	8:20: 1	44.9W	150.2E	8:32:50.9	33	6.2	KURILE ISLANDS REGION
MAY 23	17:24:16	41.7S	171.9E	17:43:19.3	21	6.6	SOUTH ISLAND, NEW ZEALAND
MAY 24	15:43:54	6.8S	171.8E	16: 2:29.0	609	6.0	FLORES SEA
JUN 9	10:21:36	14.6W	92.0W	10:26:47.3	60	5.0	NEAR COAST OF CHIAPAS, MEXICO
JUN 12	13:41:51	39.5W	142.7E	13:55:36.7	44	6.0	EAST COAST OF HONSHU, JAPAN
JUN 15	5:11:17	14.4W	92.8W	5:16:38.8	25	5.4	OFF COAST OF CALIFORNIA
JUN 15	7: 8:48	5.6W	82.6W	7:15: 2.1	16	6.0	SOUTH OF PANAMA
JUN 19	8:13:35	5.6S	77.2W	8:21:19.0	28	6.4	NORTHERN PERU
JUN 20	2:38:38	5.6S	77.3W	2:46:20.5	33	5.8	NORTHERN PERU
JUN 21	0:26: 8	5.7S	77.3W	0:33:51.5	22	5.6	NORTHERN PERU
JUN 21	1:24:54	15.4W	92.0W	1:29:53.2	115	4.5	MEXICO-GUATEMALA BORDER REGION
JUN 26	1:42:19	40.1W	124.4W	1:49:20.2	10	5.5	NEAR COAST OF NORTHERN CALIF.
JUN 30	20:21:28	17.9W	105.7W	20:27:32.8	35	4.8	OFF COAST OF JALISCO, MEXICO
JUL 2	3:44:49	13.6W	100.3W	3:50:21.2	41	5.9	GUERRERO, MEXICO
JUL 4	21:47:56	37.8W	23.2E	21:59:49.5	33	5.2	SOUTHERN GREECE
JUL 5	0:45:17	34.1W	119.7W	1: 2:46.0	6	5.7	SOUTHERN CALIFORNIA
JUL 7	23: 5:18	8.5W	103.3W	23:11:44.5	33	5.0	OFF COAST OF MEXICO
JUL 14	3:55:25	15.2W	88.8W	4: 0:29.1	14	4.5	REVILLA GIGEDO ISLANDS REGION
JUL 17	5:24:16	8.7S	125.0E	5:43:53.8	25	5.7	TIMOR

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JUL 17	6:23:11	10.4N	83.4W	6:28:46.6	19	5.1	COSTA RICA
JUL 21	0:23:40	14.4N	93.1W	0:29:2.6	38	4.4	NEAR COAST OF CHIAPAS, MEXICO
JUL 23	10:28:1	18.7N	107.0W	10:30:15.5	33	5.4	OFF COAST OF JALISCO, MEXICO
JUL 24	4:6:41	18.1N	106.0W	4:12:47.1	66	5.2	OFF COAST OF JALISCO, MEXICO
JUL 25	7:23:8	30.8S	174.4W	7:41:41.5	60	6.4	KERMADEC ISLANDS REGION
JUL 25	10:50:31	45.7W	146.7E	11:3:25.5	85	5.9	KURILE ISLANDS
JUL 26	6:34:0	14.4N	93.0W	6:39:23.6	14	4.9	OFF COAST OF CHIAPAS, MEXICO
JUL 29	23:52:15	0.2S	133.4E	0:11:34.5	12	6.1	WEST NEW GUINEA REGION
JUL 30	20:38:42	6.9S	80.5W	20:46:37.4	37	5.8	NORTHERN PERU
AUG 1	20:19:22	16.5W	122.2E	20:38:18.8	36	5.9	LUZON, PHILIPPINE ISLANDS
AUG 2	14:6:44	16.6W	97.7W	14:12:11.6	40	6.3	OAXACA, MEXICO
AUG 3	4:54:33	25.6N	128.5E	5:13:7.1	185	6.4	PYUKU ISLANDS
AUG 3	6:25:6	16.5W	122.3E	6:44:3.3	37	5.9	LUZON, PHILIPPINE ISLANDS
AUG 4	11:41:25	6.6E	126.8E	12:0:26.8	107	5.7	MINDANAO, PHILIPPINE ISLANDS
AUG 9	3:8:4	22.4S	113.0W	3:18:51.1	33	5.4	EASTER ISLAND
AUG 10	2:7:4	1.4N	126.2E	2:26:19.0	33	6.3	MOLUCCA PASSAGE
AUG 10	4:5:51	1.3N	126.5E	4:25:11.6	33	5.7	MOLUCCA PASSAGE
AUG 10	5:51:48	1.5W	126.2E	6:11:8.8	33	6.2	MOLUCCA PASSAGE
AUG 11	2:41:53	15.2S	74.0W	2:50:45.0	91	5.6	COAST OF PERU
AUG 14	8:38:48	18.5N	102.8W	8:44:26.7	72	5.4	MICHOACAN, MEXICO
AUG 14	22:14:19	0.2W	119.8E	22:33:45.4	23	6.0	NORTHERN CEBEBES
AUG 18				19:56:28.6			NOT LISTED BY USCGS - RICHELIEU
AUG 22	14:0:7	53.0N	171.0E	14:11:32.5	33	5.4	NEAR ISLANDS, ALEUTIAN ISLANDS
AUG 29	22:43:40	59.7N	139.7W	22:51:7.8	38	4.4	SOUTHPASTERN ALASKA
SEP 3	8:19:52	41.8N	32.3E	8:32:12.8	65	5.7	TURKEY - 25 DEAD
SEP 3	15:37:0	20.6N	62.2W	15:41:44.2	33	5.0	NORTH ATLANTIC OCEAN
SEP 9	0:35:18	8.7S	74.5W	0:43:14.3	144	5.3	PERU-BRAZIL BORDER REGION
SEP 11	18:26:37	43.0S	75.2W	18:38:36.7	31	5.7	OFF COAST OF SOUTHERN CHILE
SEP 20	6:0:3	10.7N	62.7W	6:5:57.3	107	6.1	NEAR COAST OF VENEZUELA - 2 DEAD
SEP 22	21:41:18	34.0W	81.5W	21:42:28.0	22	3.7	** SOUTH CAROLINA
SEP 25	10:38:38	15.6N	92.6W	10:43:49.4	138	5.8	MEXICO-GUATEMALA BORDER
SEP 27	3:58:55	6.8S	129.1E	4:18:5.7	127	6.1	BANDA SEA
SEP 28	13:53:35	13.2S	76.4W	14:2:15.5	70	5.5	NEAR COAST OF PERU
OCT 14	2:58:48	31.5S	117.0E	3:19:0.4	1	6.5	WESTERN AUSTRALIA
OCT 15	2:10:34	0.5S	100.6E	2:29:59.9	98	5.6	SOUTHERN SUMATRA
OCT 23	21:4:41	3.3S	143.3E	21:24:1.0	12	6.6	NEAR NORTH COAST OF NEW GUINEA
OCT 29	22:16:16	65.4N	150.1W	22:25:15.4	7	6.3	ALASKA
OCT 31	9:6:36	1.2N	126.3E	9:24:54.2	67	6.1	MOLUCCA PASSAGE
NOV 4	17:1:41	38.0W	88.5W	17:3:26.3	19	5.3	** SOUTHERN ILLINOIS
NOV 17	0:16:9	9.6N	72.6W	0:20:49.5	172	5.7	VENEZUELA
NOV 17	7:41:16	1.3S	13.6W	7:51:47.5	33	5.6	NORTH OF ASCENSION ISLAND
NOV 28	10:36:8	15.4N	94.6W	10:41:59.0	33	5.2	NEAR COAST OF OAXACA, MEXICO
DEC 17				12:13:14.8			NOT LISTED BY USCGS
DEC 19	16:30:0	37.2N	116.5W	16:36:10.0		6.3	SOUTHERN NEVADA - NUCLEAR BLAST

EARTHQUAKES RECORDED AT SEISMIC STATION CHC DURING 1969

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KN	MAG	GEOGRAPHIC LOCATION
JAN 1	23:35:36	34.8N	92.6W	23:40:26.9	12	4.2	** CENTRAL ARKANSAS
JAN 14	23:12:8	36.2N	29.2P	23:24:26.3	33	6.3	TURKEY
JAN 19	7: 2: 4	45.0N	143.2E	7:14:44.7	204	7.0	HOKKAIDO, JAPAN
JAN 24	2:33: 3	21.9S	179.6W	2:51: 2.0	595	7.0	FIJI ISLANDS REGION
JAN 30	10:29:40	4.8N	127.4E	10:48:42.9	70	7.0	TALAUD ISLANDS
FEB 11	22:16:13	6.7S	126.8E	22:34:54.6	450	6.7	BANDA SEA
FEB 14	13:10:37	16.6N	99.1W	13:16:11.5	18	5.1	NEAR COAST OF GUERRERO, MEXICO
FEB 23	0:36:57	3.1S	118.9E	0:56:30.4	13	6.1	CELEBES - 64 DEAD
FEB 25	7:39: 1	15.2W	87.5W	7:43:55.1	15	5.4	HONDURAS
MAR 14	8:47:16	12.9W	86.8W	8:52:18.7	178	5.8	NICARAGUA
APR 4	16:16:17	24.4N	109.8W	16:22:14.5	31	5.0	GULF OF CALIFORNIA
APR 5	23:26:11	1.2W	85.2W	23:32:45.5	31	5.8	OFF COAST OF ECUADOR
APR 21	2:19: 7	14.1N	91.0W	2:24:20.9	82	6.0	GUATEMALA
APR 26	6: 2:49	30.6S	71.5W	6: 9:38.4	33	5.9	NEAR COAST OF CENTRAL CHILE
APR 28	23:20:43	33.4W	116.4W	23:27: 1.5	20	5.9	SOUTHERN CALIFORNIA
MAY 14	19:32:54	51.3W	179.9W	19:43:58.8	21	6.8	ANDREANOF ISLANDS, ALBUTIAN IS.
MAY 15	20:43:33	16.8W	61.3W	20:48:42.0	50	5.5	LEEWARD ISLANDS
JUN 3	3:58: 1	19.1N	107.5W	4: 4: 8.4	33	5.2	OFF COAST OF JALISCO, MEXICO
JUN 13	8:48:29	49.4W	155.5E	9: 0:46.0	64	6.2	KURILE ISLANDS
JUN 18	23:58:10	52.6S	159.7E	0:17:30.0	33	6.0	HACQUARIE ISLAND REGION
JUN 24	0:35: 5	11.7N	85.7W	0:40:25.5	100	5.0	NICARAGUA
JUN 25	21:53:31	2.1W	90.5W	22: 0:27.3	33	4.8	GALAPAGOS ISLANDS REGION
JUN 28	4:34:43	12.8W	89.2W	4:40: 1.4	69	5.0	OFF COAST OF CENTRAL AMERICA
JUL 3	16:59: 7	16.7N	98.5W	17: 4:35.8	26	5.2	NEAR COAST OF GUERRERO, MEXICO
JUL 13	21:51: 9	36.1N	83.7W	21:52:15.7	1	3.5	** TENNESSEE
JUL 18	5:24:48	38.3N	119.4E		33	6.2	NORTHEASTERN CHINA
JUL 19	4:54:54	17.3S	72.5W	5: 4: 9.0	54	5.9	NEAR COAST OF PERU
JUL 27	21:21:41	59.4W	145.3W	21:46:35.0	33	5.3	GULF OF ALASKA
JUL 29	0:40:42	19.9N	64.1W	0:45:21.0	32	5.1	VIRGIN ISLANDS
AUG 4	17:19:20	5.7S	125.3E	17:37:46.7	521	6.2	BANDA SEA
AUG 5	2:13:10	1.3N	126.2E	2:32:29.0	34	6.1	MOLUCCA PASSAGE
AUG 8	20:44:21	6.1S	129.7E	21: 3:20.8	196	5.9	BANDA SEA
AUG 11	21:27:39	43.5W	147.4E	21:40:33.6	28	7.1	KURILE ISLANDS
AUG 11	23:52:57	1.7N	126.5E	0:12:10.9	34	6.1	MOLUCCA PASSAGE
AUG 14	14:19: 2	43.1W	147.5E	14:32: 2.7	33	6.1	KURILE ISLANDS
AUG 17	20:13: 8	25.3N	109.2W	20:18:59.2	33	5.7	GULF OF CALIFORNIA
AUG 17	20:14:59	25.0N	109.5W		33	6.1	GULF OF CALIFORNIA
SEP 12	8:57: 7	51.2W	179.2W	9: 8: 6.6	48	6.0	ANDREANOF ISLANDS, ALBUTIAN IS.
SEP 16	14:30: 0	37.3N	116.5W	14:36:10.3		6.2	SOUTHERN NEVADA - NUCLEAR BLAST
SEP 24	18: 3:19	15.2N	45.8W	18:10:20.3	33	5.8	NORTH ATLANTIC RIDGE
OCT 1	5: 5:43	11.9S	75.1W	5:14:21.5	4	5.9	PEPU

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KN	MAG	GEOGRAPHIC LOCATION
OCT 1	17:10:56	0.8N	85.0W	17:17:49.0	33	5.5	OFF COAST OF ECUADOR
OCT 2	22: 6: 0	51.8W	179.2E	22:17: 5.1	1	6.5	RAT ISLANDS, ALUTIAN ISLANDS
OCT 17	1:25:12	23.1N	98.7E	1:44:29.8	134	6.0	BUPNA-INDIA BORDER REGION
OCT 20	15:20:16	17.3N	95.2W	15:25:39.5	87	5.8	OAXACA, MEXICO
OCT 22	22:51:33	34.8N	121.3W	22:58:20.9	15	5.9	OFF COAST OF CALIFORNIA
OCT 31	11:33: 5	51.3N	179.0W	11:44: 3.4	49	6.0	ANDREANOF ISLANDS, ALUTIAN IS.
NOV 1	11: 8:21	23.1N	107.9W	11:14:16.2	33	5.6	GULF OF CALIFORNIA
NOV 5	17:54:14	34.8N	121.2W	18: 1: 1.7	33	5.8	OFF COAST OF CALIFORNIA
NOV 6	20:20:18	51.5W	178.9W	20:31:18.9	36	5.5	ANDREANOF ISLANDS, ALUTIAN IS.
NOV 13	7:51:29	27.8S	71.6W	8: 2: 0.5	33	5.8	NEAR COAST OF NORTHERN CHILE
NOV 20	1: 0: 9	37.8W	91.0W	1: 0:45.7	3	4.3	** WEST VIRGINIA
NOV 21	2: 5:35	2.1N	94.6E	2:25:10.3	20	6.4	OFF W COAST OF NORTHERN SUMATRA
NOV 22	23: 9:37	57.8W	163.5E	23:21: 5.5	33	6.3	N EAR EAST COAST OF KAMCHATKA
NOV 24	22:51:50	56.2W	153.6W	23: 1: 5.5	33	5.5	KODIAK ISLAND REGION
DEC 13	10:19:34	35.1N	83.0W	10:20:54.0	33		** NORTH CAROLINA
DEC 14	2:42: 9	2.0N	126.9E	3: 4:50.7	42	6.0	HOLUCCA PASSAGE
DEC 25	21:32:27	15.8W	59.7W	21:38:12.2	7	6.4	LEEWARD ISLANDS
DEC 25	22:31: 2	16.1W	59.8W	22:37:44.5	8	6.0	LEEWARD ISLANDS
DEC 29	0:51:47	16.2W	59.7W	0:57:24.5	17	5.6	LEEWARD ISLANDS
DEC 31	23:38:52	7.0S	117.8E	23:57:34.2	483	5.3	BALI SEA

EARTHQUAKES RECORDED AT SEISMIC STATION CMC DURING 1970

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
JAN 4	17: 0:40	24.1N	102.5E	17:20:57.5	31	7.5	YUNNAN PROVINCE, CHINA
JAN 6	12:56: 6	15.8N	59.7W	13: 1:40.5	33	5.2	LEeward ISLANDS
JAN 16	8: 5:40	60.3N	152.7W	8:15: 0.4	91	5.7	SOUTHERN ALASKA
JAN 20	17:13: 5	42.5N	143.0E	17:46:16.4	46	6.5	HOKKAIDO, JAPAN
JAN 21	17:51:38	7.0N	104.3W	17:58:46.7	33	6.0	OFF COAST OF MEXICO
FEB 13	15:41:29	5.9S	113.0E	16: 2: 2.0	636	5.8	JAVA SEA
FEB 14	11:17:16	9.9S	75.6W	11:25:33.2	35	5.9	PERU - 6 DEAD
FEB 24	8: 5:40	59.6N	143.9W	8:29:58.0	15	5.0	GULF OF ALASKA
FEB 27	7: 7:58	50.1N	179.6W	7:16: 7.0	20	5.7	ANDREANOF ISLANDS, ALBUTIAN IS.
FEB 28	10:52:31	52.7N	175.1W	11: 3: 0.0	162	6.1	ANDREANOF ISLANDS, ALBUTIAN IS.
MAR 11	22:38:35	57.5N	153.9W	22:47:48.3	29	5.7	KODIAK ISLAND
MAR 19	23:33:29	51.3N	173.8E	23:44:55.0	16	6.1	NEAR ISLANDS, ALBUTIAN ISLANDS
MAR 24	10:35:22	22.0S	126.7E	10:55:10.8	33	6.2	WESTERN AUSTRALIA
MAR 26	19: 0: 0	37.3N	116.5W	19: 6:10.6		6.2	SOUTHERN NEVADA - NUCLEAR BLAST
MAR 28	21: 2:23	39.2N	29.5E	21:14:36.0	20	7.3	TURKEY - 1086 DEAD
APR 7	5:34: 6	15.8N	121.7E	5:53: 6.7	37	7.1	LUZON, PHILIPPINE ISLANDS
APR 8	13:50:27	38.4N	22.7E	14: 2:19.5	17	6.6	GREECE
APR 9	16:24:31	13.2N	92.3W	16:29:56.3	41	5.7	OFF COAST OF CHIAPAS, MEXICO
APR 11	4: 5:41	59.7N	142.7W	4:14:13.0	7	6.0	GULF OF ALASKA
APR 12	4: 1:44	15.1N	122.1E	4:20:44.5	24	6.8	PHILIPPINE ISLANDS REGION
APR 16	5:33:17	59.8N	142.6W	5:41:29.0	7	6.3	GULF OF ALASKA
APR 19	1:15:47	59.6N	142.8W	1:24:17.8	20	5.5	GULF OF ALASKA
APR 29	11:22:36	14.6N	92.7W	11:27:53.6	41	5.6	NEAR COAST OF CHIAPAS, MEXICO
APR 29	14: 1:33	14.5N	92.6W	14: 6:37.2	33	6.5	NEAR COAST OF CHIAPAS, MEXICO
APR 30	8:32:59	14.7N	93.2W	8:38:19.5	19	6.2	NEAR COAST OF CHIAPAS, MEXICO
APR 30	12:51:36	14.4N	93.4W	12:57:11.5	24	5.3	NEAR COAST OF CHIAPAS, MEXICO
MAY 1	8:35:24	14.6N	93.2W	8:40:42.0	44	6.0	NEAR COAST OF CHIAPAS, MEXICO
MAY 23	16:16:44	14.9N	92.2W	16:21:52.0	109	4.9	NEAR COAST OF CHIAPAS, MEXICO
MAY 31	20:23:27	9.2S	78.8W	20:31:40.2	43	7.2	NEAR COAST OF PERU - 70,000 DEAD
JUN 1	1:36:10	9.3S	79.0W	1:44:23.0	49	5.4	OFF COAST OF NORTHERN PERU
JUN 2	1:37:23	9.8S	78.8W	1:45:39.0	58	5.2	OFF COAST OF PERU
JUN 2	2:59:31	61.6N	151.7W	3: 8:25.5	95	4.7	SOUTHERN ALASKA
JUN 4	4: 9:26	9.8S	78.6W	4:17:42.7	57	5.7	NEAR COAST OF NORTHERN PERU
JUN 11	6: 2:55	24.5S	68.5W	6:13: 2.5	112	6.8	CHILE-ARGENTINA BORDER REGION
JUN 11	16:46:44	59.1S	157.8E	17: 6:15.7	33	7.0	HACQUARIE ISLAND REGION
JUN 14	0: 0:11	52.0S	73.8W	0:13: 6.0	33	6.3	NEAR COAST OF SOUTHERN CHILE
JUN 15	11:14:52	54.3S	63.6W	11:28: 3.9	33	7.0	FALKLAND ISLANDS REGION
JUN 16	5:10:33	5.4N	82.5W	5:16:50.6	17	5.5	SOUTH OF PANAMA
JUN 17	4:44:21	15.8S	71.8W	4:53:22.6	91	5.9	SOUTHERN PERU
JUN 24	1:30:13	8.7S	124.2E	1:49:53.0	41	6.5	TINOR
JUL 8	4:49:11	18.0N	64.6W	4:53:53.5	150	5.8	VIRGIN ISLANDS
JUL 31	17: 8: 5	1.5S	72.6W	17:14:28.5	651	7.1	COLOMBIA
AUG 12	9:24:11	12.0N	84.5W	9:29:36.5	33	5.9	NICARAGUA
AUG 12	10:24:24	12.1N	86.5W	10:29:48.3	33	5.6	NICARAGUA
AUG 13	4:22:34	8.9S	118.0E	4:42:11.5	117	6.0	SUMBAWA ISLAND REGION
AUG 18	17:52: 6	60.7N	145.4W	18: 0:48.0	16	5.6	SOUTHERN ALASKA
AUG 23	2:41:46	18.2N	100.1W	2:47:15.0	45	4.4	GUEPBERO, MEXICO
AUG 27	19:44:42	15.4N	95.6W	19:50: 7.0	31	5.5	NEAR COAST OF OAXACA, MEXICO
AUG 30	17:46: 9	52.4N	151.6E	17:57:21.8	645	6.6	SEA OF OKHOTSK

DATE	ORIGIN TIME	LAT	LONG	ARRIVAL TIME	DEPTH KM	MAG	GEOGRAPHIC LOCATION
SEP 1	5:11:16	17.7N	147.6E		40	6.3	MARIANA ISLANDS REGION
SEP 5	7:52:28	52.2N	151.4E	8: 3:46.0	500	5.7	SEA OF OKHOTSK
SEP 12	14:30:52	34.3N	117.6W		9	5.4	SOUTHERN CALIFORNIA
SEP 13	21:10:21	40.2N	125.1W	21:17:24.5	33	5.4	OFF COAST OF NORTHERN CALIFORNIA
SEP 18	2: 6:30	71.2N	7.7W	2:15:25.0	31	5.1	JAN MAYEN ISLAND REGION
SEP 26	12: 2:29	6.2N	77.6W	12: 8:37.5	8	6.1	NEAR WEST COAST OF COLOMBIA
SEP 27	3:38:36	6.4N	77.4W	3:44:43.0	8	5.8	NEAR WEST COAST OF COLOMBIA
SEP 29	4:42:47	11.5N	85.5W	4:47:57.0	192	5.4	NICARAGUA
OCT 10	8:53: 5	1.6S	86.2E	9:11:40.5	33	5.9	SOUTH INDIAN OCEAN
OCT 14	5:59:57	73.3N	55.1E	6:10:51.3		6.7	NOVAYA ZEMLYA
NOV 8	22:35:47	3.4S	135.6E	22:55: 1.0	33	6.7	WEST NEW GUINEA REGION
NOV 17	2:13:15	35.9N	89.9W	2:18: 2.0	19	3.6	** ARKANSAS
NOV 18	12:23:18	35.1N	35.7W	12:30: 7.0	33	5.4	NORTH ATLANTIC RIDGE
NOV 26	3:11:43	43.8N	127.4W	3:19: 1.5	14	6.0	OFF COAST OF OREGON
NOV 28	11: 8:42	20.9S	69.8W	11:18:34.0	33	6.0	NORTHERN CHILE
NOV 28	14:45:32	20.9S	69.8W	14:55:23.0	34	5.9	NORTHERN CHILE
NOV 29	6: 1:19	11.7S	14.1W	6:13:21.3	33	5.3	ASCENSION ISLAND REGION
NOV 29	20: 0:56	15.3N	92.7W	20: 6:10.0	124	5.1	MEXICO-GUATEMALA BORDER REGION
DEC 1	21: 9:37	51.4N	175.3W	21:20:27.8	36	6.0	ANDREANOF ISLANDS, ALUTIAN IS.
DEC 2	2:34:59	51.4N	175.2W	2:45:47.0	57	5.5	ANDREANOF ISLANDS, ALUTIAN IS.
DEC 2	9: 3:15	51.4N	175.2W	9:14: 4.0	52	5.2	ANDREANOF ISLANDS, ALUTIAN IS.
DEC 3	4:59:53	7.4N	76.1W	5: 5:51.9	38	6.0	NORTHERN COLOMBIA

TABLE IV. TABULATION OF EVENTS RECORDED AT SEISMIC STATION CMC

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1955	8	7	6	27	19	16	18	13	22	19	17	5	177
1956	22	26	13	13	19	18	32	23	15	23	15	18	237
1957	23	24	112	47	29	26	31	16	16	24	15	18	381
1958	15	12	14	24	25	29	45	41	23	12	30	12	282
1959	26	11	9	19	22	17	23	30	22	12	15	14	220
1960	20	18	17	8	33	21	23	21	22	17	22	22	244
1961	17	19	20	26	19	28	25	28	30	12	8	15	247
1962	7	11	10	15	16	14	25	23	16	12	6	13	168
1963	12	8	16	10	15	18	15	12	12	8	15	10	151
1964	8	4	21	17	17	13	14	10	6	6	18	17	151
1965	10	45	20	15	18	24	19	16	18	16	18	14	233
1966	5	13	11	14	14	29	16	32	8	12	11	10	175
1967	20	9	15	16	5	19	13	11	8	13	7	9	145
1968	7	5	7	6	12	10	15	15	9	5	4	2	97
1969	5	4	1	5	2	6	6	8	3	7	8	6	61
1970	5	5	5	11	3	11	2	7	8	2	8	4	71
GRAND TOTAL =												3040	