

**UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**Earthquake Catalog of Peru  
Catalogo Sismico del Peru**

by

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# CONTENTS CONTENIDO

	Page Página
GLOSSARY .....	v
GLOSARIO .....	viii
CHARACTERISTICS AND DESCRIPTION OF CATALOG .....	1
CARACTERISTICAS Y DESCRIPCION DEL CATALOGO .....	(1)'
ACKNOWLEDGMENTS .....	6
AGRADECIMIENTO .....	(6)'
REFERENCES (REFERENCIAS) .....	7
 <b>ILLUSTRATIONS</b>	
<b>ILUSTRACIONES</b>	
FIGURE 1. Seismicity of Peru and contiguous nations, 1900 through 1984, for earthquakes with magnitudes ( $m_b$ or $M_s$ ) equal or greater than 3.4. Depth symbols and magnitude size symbols are shown in the insert .....	2
FIGURA 1. Sismicidad del Perú y países adyacentes de 1900 a 1984, para terremotos con magnitudes ( $m_b$ ó $M_s$ ) iguales o mayores que 3.4. Los símbolos de profundidad y magnitud se muestran en la leyenda ... ..	(2)'
FIGURE 2. Peru and contiguous nations are sub-divided into 20 grids for the region from 68°W to 84°W longitude and from 0° to 20°S latitude. Each grid is 4° × 4°. Scale shown in the lower left corner of figure.	
FIGURA 2. El Perú y países adyacentes están subdivididos en 20 cuadrículas para la región limitada por las longitudes 68°W a 84°W y por las latitudes 0° a 20°S. Cada cuadrícula es de 4° × 4°. La escala se muestra en la esquina inferior izquierda .....	262
FIGURE 3. A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus from 0 to 33 km. The 3-D portrays the total number of earthquakes which occurred in a 0.5° × 0.5° cell for the region from 68°W to 84°W longitude and from 0° to 20°S latitude. The shaded area represents the location of Peru, while the dashed lines represent the geographical boundaries of other nations.	
FIGURA 3. Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales de 0 a 33 km. La tercera dimensión representa el número total de terremotos que ocurrieron en una célula de 0.5° × 0.5° para la región de longitud 68°W a 84°W y la latitud 0° a 20°S. El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones .....	519

**FIGURE 4.** A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus greater than 33 to 100 km. The 3-D portrays the total number of earthquakes which occurred in a  $0.5^{\circ} \times 0.5^{\circ}$  cell for the region from  $68^{\circ}\text{W}$  to  $84^{\circ}\text{W}$  longitude and from  $0^{\circ}$  to  $20^{\circ}\text{S}$  latitude. The shaded area represents the location of Peru, while the dashed lines represent the geographical boundaries of other nations.

**FIGURA 4.** Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales entre 33 y 100 km. La tercera dimensión representa el número total de terremotos ocurridos en una célula de  $0.5^{\circ} \times 0.5^{\circ}$  para la región de longitud  $68^{\circ}\text{W}$  a  $84^{\circ}\text{W}$  y la latitud  $0^{\circ}$  a  $20^{\circ}\text{S}$ . El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones ..... 521

**FIGURE 5.** A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus greater than 100 to 300 km. The 3-D portrays the total number of earthquakes which occurred in a  $0.5^{\circ} \times 0.5^{\circ}$  cell for the region from  $68^{\circ}\text{W}$  to  $84^{\circ}\text{W}$  longitude and from  $0^{\circ}$  to  $20^{\circ}\text{S}$  latitude. The shaded area represents the location of Peru, while the dashed lines represent the geographical boundaries of other nations.

**FIGURA 5.** Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales entre 100 y 300 km. La tercera dimensión representa el número total de terremotos ocurridos en una célula de  $0.5^{\circ} \times 0.5^{\circ}$  para la región de longitud  $68^{\circ}\text{W}$  a  $84^{\circ}\text{W}$  y la latitud  $0^{\circ}$  a  $20^{\circ}\text{S}$ . El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones ..... 523

**FIGURE 6.** A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus greater than 300 km. The 3-D portrays the total number of earthquakes which occurred in a  $0.5^{\circ} \times 0.5^{\circ}$  cell for the region from  $68^{\circ}\text{W}$  to  $84^{\circ}\text{W}$  longitude and from  $0^{\circ}$  to  $20^{\circ}\text{S}$  latitude. The shaded area represents the location of Peru, while the dashed lines represent the geographical boundaries of other nations.

**FIGURA 6.** Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales mayores que 300 km. La tercera dimensión representa el número total de terremotos ocurridos en una célula de  $0.5^{\circ} \times 0.5^{\circ}$  para la región de longitud  $68^{\circ}\text{W}$  a  $84^{\circ}\text{W}$  y la latitud  $0^{\circ}$  a  $20^{\circ}\text{S}$ . El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones ..... 525

**TABLES  
TABLAS**

<p><b>TABLE I.</b> Chronological listing of instrumentally located earthquakes which occurred from 1900 through 1984 (Time-Distribution).</p> <p><b>TABLA I.</b> Listado cronológico de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984 (Distribución Temporal).....</p>	9
<p><b>TABLE II.</b> Chronological listing of instrumentally located earthquakes which occurred from 1900 through 1984 (Time-Distribution).</p> <p><b>TABLA II.</b> Listado cronológico de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984 (Distribución Temporal).....</p>	135
<p><b>TABLE III.</b> Twenty subdivisions of seismicity in <math>4^{\circ} \times 4^{\circ}</math> grids for the region: <math>68^{\circ}\text{W}</math> to <math>84^{\circ}\text{W}</math> longitude and <math>0^{\circ}</math> to <math>20^{\circ}\text{S}</math> latitude. Within each grid the events are listed after having been sorted by latitude and longitude (Space-Distribution).</p> <p><b>TABLA III.</b> Veinte subdivisiones de la sismicidad en cuadrículas de <math>4^{\circ} \times 4^{\circ}</math> para la región: longitud <math>68^{\circ}\text{W}</math> a <math>84^{\circ}\text{W}</math> y latitud <math>0^{\circ}</math> a <math>20^{\circ}\text{S}</math>. Dentro de cada cuadrícula los eventos se listan después de haber sido ordenados por latitud y longitud (Distribución Espacial).....</p>	261
<p><b>TABLE IV.</b> Listing of instrumentally located earthquakes which occurred from 1900 through 1984 by depth-of-focus. The table lists events by depth in the following depth categories: 0 to 33 km, greater than 33 to 100 km, greater than 100 to 300 km and greater than 300 km.</p> <p><b>TABLA IV.</b> Listado por profundidad focal de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984. La tabla presenta los eventos por profundidad en las categorías siguientes: 0 a 33 km, entre 33 y 100 km, entre 100 y 300 km, y mayor que 300 km.....</p>	399
<p><b>TABLE V.</b> Total number of earthquakes which have occurred in a <math>0.5^{\circ} \times 0.5^{\circ}</math> cell for the region: <math>68^{\circ}\text{W}</math> to <math>84^{\circ}\text{W}</math> longitude and <math>0^{\circ}</math> to <math>20^{\circ}\text{S}</math> latitude. This table is subdivided into the following depth categories: earthquakes with depth-of-focus from 0 to 33 km, greater than 33 to 100 km, greater than 100 to 300 km and greater than 300 km (Space-Distribution).</p> <p><b>TABLA V.</b> Número total de terremotos que han ocurrido en una célula de <math>0.5^{\circ} \times 0.5^{\circ}</math> para la región de longitud <math>68^{\circ}\text{W}</math> a <math>84^{\circ}\text{W}</math> y de latitud <math>0^{\circ}</math> a <math>20^{\circ}\text{S}</math>. Esta tabla esta subdividida en las siguientes categorías de profundidad: terremotos con profundidades focales de 0 a 33 km, entre 33 y 100 km, entre 100 y 300 y mayor que 300 km (Distribución Espacial).....</p>	517



TABLE VI. Chronological listing of instrumentally located earthquakes which were recorded at 10 or more seismological stations (Time Distribution).

TABLA VI. Listado cronológico de terremotos localizados que fueron registrados en 10 ó más estaciones sismológicas (Distribución Temporal) ..... 527

TABLE VII. Chronological listing of instrumentally located earthquakes which occurred from 1900 through 1984 and which have magnitudes ( $m_b$  or  $M_s$ ) greater than or equal to 5.0 (Time- and Size-Distribution).

TABLA VII. Listado cronológico de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984 y que tienen magnitudes ( $m_b$  ó  $M_s$ ) mayores o iguales a 5.0 (Distribución de Tamaño y en el Tiempo)..... 593

## GLOSSARY

**Aftershock.** Secondary small magnitude earthquake which follows the main event.

**Body-wave magnitude ( $m_b$ ).** A measure obtained from the amplitude and period of P- or S-waves at teleseismic distances.

**Cell.** A small geographical subdivision of an area or areas having a dimension of  $0.5^\circ \times 0.5^\circ$  in extension. A group of cells make up a grid with dimensions of  $4^\circ \times 4^\circ$  (see Grid).

**Epicenter.** The point on the Earth's surface vertically above the hypocenter or point of origin of an earthquake.

**ESSA.** Environmental Science Services Administration.

**Event.** Defined as earthquake in the context of this publication.

**Geocentric.** This word is used in seismology to determine the epicenter of an earthquake in terms of its "geocentric latitudes" which are angles between the earth's radius and plane of the equator.

**Grid.** A subdivision of an area or areas having a dimension of  $4^\circ \times 4^\circ$  in extension. A group of cells make up a grid (see Cell).

**Hypocenter.** The point of origin of an earthquake, where rupture begins and from which seismic waves originate.

**Intensity.** A numerical subjective index describing the effects of an earthquake on man, on structures, and on the Earth's surface. The Modified Mercalli scale of 1931 with ratings from I to XII, as defined below, is used in the United States (modified from Richter, 1958):

### Modified Mercalli Intensity scale

- I. Not felt, except by a very few under specially favorable circumstances.
- II. Felt only by a few persons at rest, especially on upper floors of buildings. Delicately suspended objects may swing.
- III. Felt quite noticeably indoors, especially on upper floors of buildings, but many people do not recognize it as an earthquake. Standing motorcars may rock slightly. Vibration like passing truck. Duration estimated.
- IV. During the day, felt indoors by many; outdoors by few. At night some awakened. Dishes, windows, and doors disturbed; walls make creaking sound. Sensation like heavy truck striking building. Standing motorcars rocked noticeably.
- V. Felt by nearly everyone, many awakened. Some dishes, windows, and so on broken; a few instances of cracked plaster; unstable objects overturned. Disturbance of trees, poles, and other tall objects sometimes noticed. Pendulum clocks may stop.
- VI. Felt by all, many frightened and run outdoors. Some heavy furniture moved; a few instances of fallen plaster or damaged chimneys. Damage slight.
- VII. Everyone runs outdoors. Damage negligible in buildings of good design and construction; considerable in poorly built or badly designed structures. Some chimneys broken. Noticed by persons driving motorcars.
- VIII. Damage slight in specially designed structures; considerable in ordinary substantial buildings, with partial collapse; great in poorly built structures. Panel walls thrown

out of frame structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned. Sand and mud ejected in small amounts. Changes in well water. Persons driving motorcars disturbed.

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

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

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

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

**Isoseismals.** Contour lines of equal intensity.

**Magnitude ( $m_b$ ,  $M_s$ ).** A quantity characteristic of the total energy released by an earthquake. The "intensity" rating, as contrasted to magnitude, describes its effects at a particular place. Richter (1958) devised the logarithmic magnitude scale, which is in terms of the motion which would be measured by a standard type of seismograph located 100 km from the epicenter of an earthquake.  $m_b$  is known as body-wave magnitude, and  $M_s$  as a surface wave magnitude.

**Main event.** Refers to the main earthquake.

**Meizoseismal area.** The area within the isoseismals of higher Modified Mercalli intensity ratings.

**Modified Mercalli.** See Intensity.

**NEIC.** National Earthquake Information Center, Golden, Colorado.

**NOAA.** National Oceanic and Atmospheric Administration.

**Phase.** Any change of frequency in the seismogram of an earthquake. The seismograph responds to the motion of the ground and makes a seismogram. The seismogram is a line that is related to the motion of the Earth in any one chosen direction. The principal phases are called P, S, and L phases.

**Physical Effects.** Identifies geological hazards which were caused by the particular earthquake in question. The Physical Effects which were reported for earthquakes found in this catalog are: faulting, tsunami and landslide which are abbreviated as F, T and LS, respectively, in Table II under the PE column. The reader is encouraged to add Physical Effects to other events in the catalog as they are determined. Other possible Physical Effects that could be added include: uplift, subsidence, flooding due to subsidence, seiche, liquefaction, rockburst, sandblow, snow avalanches, lateral spreading, sinkholes and flows, lavafalls and ashfalls.

**Plate.** One of the mechanically independent lithospheric segments comprising the outermost layers of the Earth.

# EARTHQUAKE CATALOG OF PERU

**Source.** The contributing organization or agency of the data in the catalog are taken from the following list:

BCI, Monthly publication of the Bureau Central International de  
Seismologie, Strasbourg, France  
CFR, Charles F. Richter  
CGS, Coast and Geodetic Survey  
ERL, Environmental Research Laboratories  
G-R, Gutenberg and Richter Catalogue  
GS, U.S. Geological Survey  
ISC, International Seismological Centre  
ISS, International Seismological Summaries  
NOS, National Ocean Survey  
PDE, Preliminary Determination of Epicenters of the NEIC  
USE, United States Earthquakes.

**Spatial.** Defined as belonging to space, i.e. space distribution, in the context of this publication.

**Station Code.** Abbreviation of Worldwide Network of Standard Seismograph (WWNSS) stations mentioned in this report:

BRK, Berkeley, California  
GOL, Golden, Colorado  
MAT, Matsushiro, Honshu, Japan  
PAL, Palisades, New York  
PAS, Pasadena, California  
ROM, Rome, Italy  
UPP, Uppsala, Sweden.

**Surface-wave magnitude ( $M_s$ ).** A measure obtained from the amplitude and period of surface waves at teleseismic distances.

**Teleseismic.** Refers to distances in the far field.

**Tsunami.** Long waves which are observed on coastal regions and which sometimes create considerable amounts of damage to coastal towns. These "gravity waves" are created by earthquakes and their mechanism of generation is not fully understood. These waves travel great distances, across oceans, and in some cases the wave height as it strikes the coastline becomes very high, resembling a water-wall that collapses causing extensive damage.

## GLOSARIO

**Area pleistostista.** El área del mapa de isosistas con el grado más alto en la escala Mercalli Modificada.

**Célula.** Una subdivisión geográfica pequeña de un área o áreas que tiene una dimensión de  $0.5^\circ \times 0.5^\circ$  en extensión. Un grupo de células conforman una cuadrícula con dimensiones de  $4^\circ \times 4^\circ$  (ver Cuadrícula).

**Código de Estación.** Abreviación de las estaciones de la Red Mundial de Estaciones Sismográficas Estándar (WWNSS) mencionadas en este catalogo:

BRK, Berkeley, California  
 GOL, Golden, Colorado  
 MAT, Matsushiro, Honshu, Japón  
 PAL, Palisades, Nueva York  
 PAS, Pasadena, California  
 ROM, Roma, Italia  
 UPP, Uppsala, Suecia

**Cuadrícula.** Una subdivisión de un área o áreas teniendo una dimensión de  $4^\circ \times 4^\circ$  en extensión. Un grupo de células conforman una cuadrícula (ver Célula).

**Efectos Físicos.** Identifica los efectos geológicos que fueron causados por el terremoto en cuestión. Los Efectos Físicos que fueron reportados para los terremotos de este catálogo son: fallamiento, tsunami y deslizamiento, que se abrevian como: F, T y LS respectivamente en la Tabla II bajo la columna PE. Se recomienda al lector anadir Efectos Físicos a otros eventos del catálogo, conforme se determine. Los otros Efectos Físicos que podrían añadirse son: levantamiento, subsidencia, inundación debido a subsidencia, seiche, licuación, explosión de roca, volcanes de arena, aludes, desplazamiento lateral, sumederos y flujos, flujos de lava y lluvia de cenizas.

**Epicentro.** El punto en la superficie de la tierra verticalmente por encima del hipocentro o punto de generación de un terremoto.

**Espacial.** Definida como perteneciente al espacio, es decir, distribución espacial en el contexto de esta publicación.

**Evento.** Definido como terremoto en el contexto de esta publicación.

**Evento principal.** Se refiere al terremoto principal.

**Fuente.** Las organizaciones o agencias contribuyentes con los datos del catálogo se toman de la lista siguiente:

BCI, Publicación mensual del Bureau Central International de  
 Seismologie, Strasbourg, France.  
 CFR, Charles F. Richter  
 CGS, Coast and Geodetic Survey  
 ERL, Enviromental Research Laboratories

G-R, Catálogo de Gutenberg y Richter  
GS, U. S. Geological Survey  
ISC, International Seismological Centre  
ISS, International Seismological Summaries  
NOS, National Ocean Survey  
PDE, Preliminary Determination of Epicenters de la NEIC  
USE, United States Earthquakes

**Geocéntrico.** Esta palabra se utiliza en sismología para determinar el epicentro de un terremoto en función de sus "latitudes geocéntricas", que son ángulos entre el radio de la tierra y plano del ecuador.

**Hipocentro.** El punto origen de un terremoto, donde la rotura comienza y desde donde se originan las ondas sísmicas.

**Fase.** Cualquier cambio de frecuencia en el sismograma de un terremoto. El sismógrafo responde al movimiento del terreno y produce un sismograma. El sismograma es una línea que está relacionada al movimiento de la Tierra en una dirección escogida. Las fases principales se denominan fases P, S y L.

**Intensidad.** Un índice subjetivo numérico que describe los efectos de un terremoto en el hombre, en sus estructuras y en la superficie de la tierra. En los Estados Unidos se utiliza la de Mercalli Modificada de 1931 con grados del I al XII, como se describen a continuación (modificada de Richter, 1958):

## Escala de Intensidades Mercalli Modificada

- I. No sentido, excepto por unas pocas personas bajo circunstancias especialmente favorables.
- II. Sentido solamente por unas pocas personas en reposo, especialmente en pisos superiores de edificios. Objetos suspendidos delicadamente pueden balancearse.
- III. Sentido de forma notoria en interiores, especialmente en pisos superiores de edificios, muchas personas no lo reconocen como temblor. Vehículos estacionados pueden balancearse ligeramente. Vibración como un camión pasando. Se estima la duración.
- IV. Durante el día, lo sienten muchos en interiores, en exteriores lo sienten algunos. En la noche algunas personas se despiertan. Los platos, ventanas y puertas oscilan; las paredes hacen un sonido chirriador. Se tiene la sensación que un camión pesado ha chocado el edificio. Vehículos estacionados se balancean notoriamente.
- V. Sentido por casi todos, muchos se despiertan. Algunos platos, ventanas, etc. se rompen; en algunos casos el enlucido se agrieta; objetos inestables volcados. Algunas veces se notan perturbaciones en árboles, postes y otros objetos altos. Los péndulos de relojes se pueden parar.
- VI. Sentido por todos, muchos se asustan y corren hacia afuera. Algunos muebles pesados se mueven; unos cuantos casos de caída de enlucidos o chimeneas dañadas. Daño ligero.
- VII. Todos corren hacia afuera. Daño insignificante en edificaciones bien diseñadas y construidas; daño considerable en estructuras mal diseñadas o construidas. Algunas chimeneas se rompen. Notado por personas conduciendo vehículos.
- VIII. Daño ligero en estructuras diseñadas especialmente; daño considerable en edificaciones ordi-

nariamente resistentes, con colapso parcial; gran daño en estructuras construídas pobremente. Los paneles de pared se caen de los pórticos de la estructura. Caída de chimeneas, torres de fábrica, columnas, monumentos, paredes. Muebles pesados se vuelcan. Se expulsa arena y lodo en pequeñas cantidades. Cambios en el agua de pozos. Se perturban las personas conduciendo vehículos.

- IX. Daño considerable en estructuras diseñadas especialmente; estructuras porticadas bien diseñadas salen fuera de plomo; gran daño en edificios resistentes, con colapso parcial. Edificios salen de las cimentaciones. El terreno se agrieta visiblemente. Las tuberías enterradas se rompen.
- X. Algunas estructuras de madera bien construídas se destruyen; la mayoría de estructuras porticadas y de albañilería se destruyen con la cimentación; terreno muy agrietado. Los rieles se doblan. Deslizamientos considerables en diques de ríos y taludes pronunciados. Arena y lodo transportados. Agua se re balsa sobre los diques.
- XI. Muy pocas estructuras de albañilería permanecen de pie. Se destruyen puentes. Fisuras gruesas en el terreno. Tuberías enterradas completamente fuera de servicio. Hundimientos y fallas en terreno blando. Los rieles se doblan grandemente.
- XII. Daño total. En la superficie del terreno se ven ondas. Líneas de vista y nivel distorsionados. Objetos lanzados hacia arriba.

**Isosistas.** Líneas de contorno de igual intensidad.

**Magnitud ( $m_b$ ,  $M_s$ ).** Una cantidad característica de la energía total liberada por un terremoto. La "intensidad", a diferencia de la magnitud, describe el efecto en un sitio particular. Richter (1958) propuso la escala logarítmica de magnitud, que está en función del movimiento que se mediría en un sismógrafo de tipo estándar localizado a 100 km del epicentro de un terremoto.  $m_b$  es la magnitud en función de las ondas internas, y  $M_s$  en función de las ondas de superficie.

**Magnitud de ondas internas ( $m_b$ ).** Una medida obtenida de la amplitud y el período de las ondas P ó S a distancias telesísmicas.

**Magnitud de ondas de superficie ( $M_s$ ).** Una medida obtenida de la amplitud y el período de las ondas de superficie a distancias telesísmicas.

**Mercalli Modificada.** Ver Intensidad.

**NEIC.** National Earthquake Information Center, Golden, Colorado.

**NOAA.** National Oceanic and Atmospheric Administration.

**Placa.** Uno de los segmentos litosféricos mecánicamente independientes que constituyen las capas más exteriores de la Tierra.

**Réplica.** Terremoto secundario de pequeña magnitud que sigue al evento principal.

**Telesísmica.** Se refiere a distancias en el campo lejano.

**Tsunami.** Grandes olas que se observan en regiones costeras y que a veces causan daños considerables a pueblos costeros. Estas "ondas de gravedad" son creadas por terremotos y su mecanismo de generación no está del todo entendido. Estas olas viajan a grandes distancias, a través de los océanos, y en algunos casos la altura de la onda al llegar a la línea de la costa llega a ser muy grande, como un muro de agua que colapsa, creando un gran daño.

# EARTHQUAKE CATALOG OF PERU

by

A. F. Espinosa, L. A. Casaverde, J. A. Michael,  
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## CHARACTERISTICS AND DESCRIPTION OF CATALOG

The seismicity of the western part of Peru is governed by the complicated tectonic processes between the collision of two plates; the South American plate against the Nazca plate. The latter subducts under the former creating an area of constant seismic activity. In Figure 1 the general seismicity pattern for Peru and adjacent countries is shown for earthquakes with magnitudes ( $m_b$ ,  $M_s$ ) of 3.4 and higher for different depth-of-foci ( $h$ ) categories:  $0 \leq h \leq 33$  km,  $33 < h \leq 100$  km,  $100 < h \leq 300$  km and  $h > 300$  km. The three magnitude classes ( $m$ :  $m_b$  and/or  $M_s$ ) selected are:  $3.4 \leq m \leq 5.0$ ,  $5.0 < m \leq 6.0$  and  $m > 6.0$ . The depth categories are identified with different symbols (4 types) and the magnitude classes increase their symbol size (as shown in the inset of Figure 1) being larger for higher magnitudes. As in most subductive areas there is great seismic activity throughout the subductive lithospheric plate.

The parameters which identify an earthquake from the mathematical point-of-view are: (1) the time of occurrence, which means hour, minutes and seconds usually given in Greenwich Mean Time (GMT) or in Universal Coordinated Time (UTC); (2) the location, which means in geocentric coordinates, the latitude and the longitude, in degrees, of the epicenter (this information is used in seismicity space-distribution studies); and (3) the depth, which means the point at which the first motion originated and it locates the hypocenter of the event in question (this information is used in seismicity depth-distribution studies). Other parameters about the earthquake which identify it as a random event are: the date, which means the day, month and year (this information is used in seismicity time-distribution studies); the size, either, (a) instrumentally how small or large the earthquake was in terms of a magnitude scaling-law, i.e.  $m_b$  and/or  $M_s$  (this information is used in seismicity size-distribution studies); or (b) non-instrumentally how small or large the earthquake was in terms of an intensity scale, i.e. Modified Mercalli Intensity scale (see the Glossary for description). A rating on this scale is assigned at a given point in the felt area using questionnaires in the field and rating them later according to the scale. Other information concerning the earthquake in question identify if the event is related to volcanic activity, or, damage sustained by man-made structures, or, observed ground deformation effects such as faulting, liquefaction, soil failure, landslide, snowslide, rockslide, faulting, subsidence, etc. The casualties claimed by an event are also of importance in its identification as well as injuries sustained by the population, and, damage to lifelines i.e. roads, trains, watertanks, critical facilities (hospitals), etc.

The data-base displayed in Figure 1 and listed in the tables that follow was collected by the United States Geological Survey, the former U.S. Coast and Geodetic Survey and its' successor agencies in ESSA and NOAA, the Lamont-Doherty Geological Observatory of Columbia University, the California Institute of Technology Seismological Laboratory, the Seismological Laboratory of the University of California at Berkeley, the International Seismological Center, and the National Earthquake Information Cen-



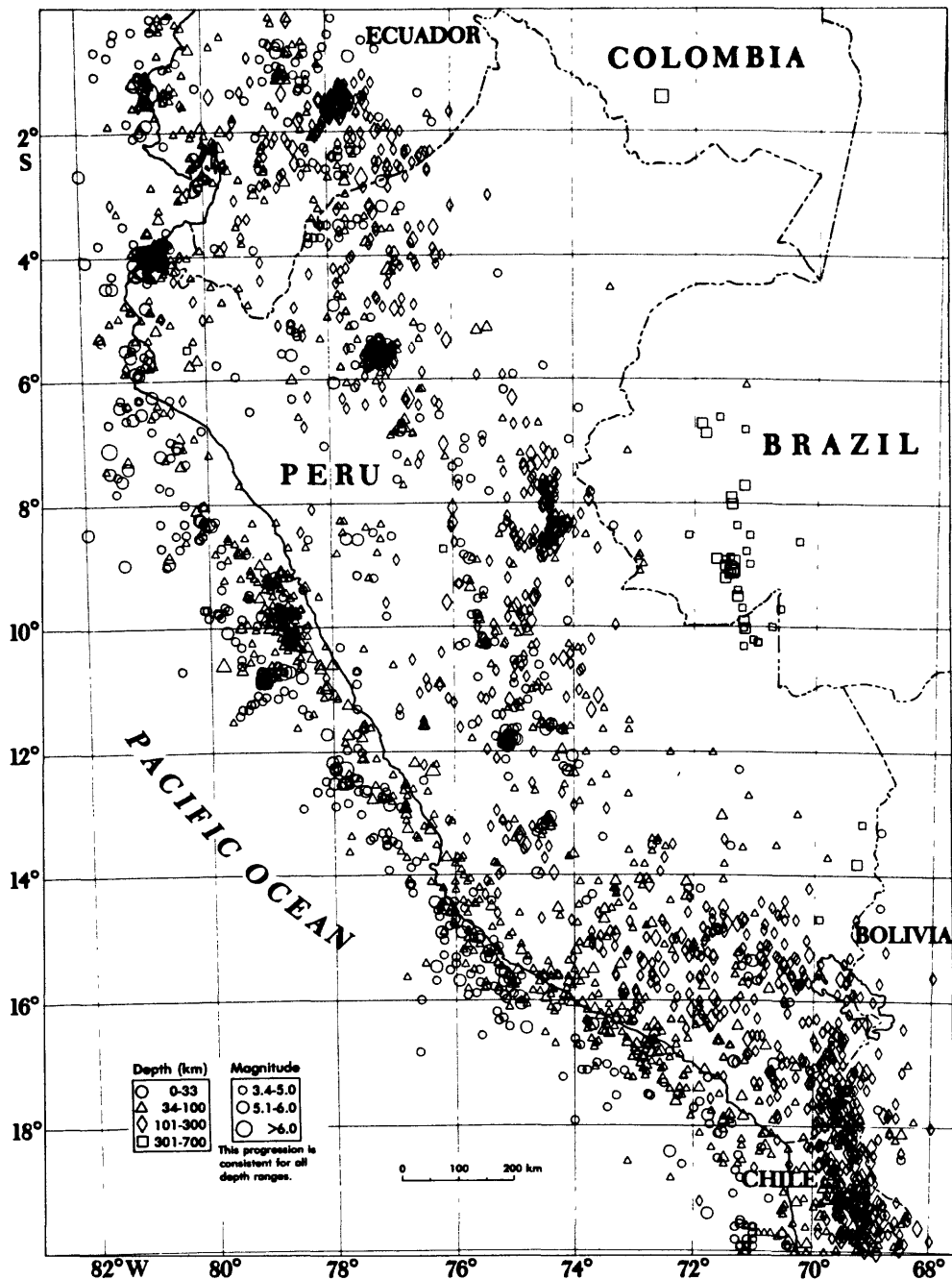


FIGURE 1. Seismicity of Peru and contiguous nations, 1900 through 1984, for earthquakes with magnitudes ( $m_b$  or  $M_s$ ) equal or greater than 3.4. Depth symbols and magnitude size symbols are shown in the insert.

ter of the U.S. Geological Survey. A selected reference is included which identifies a number of publications which have dealt with studies of historical earthquakes and with Peruvian catalogs during the past two decades.

The seismological hypocenter data used in this catalogue is a homogeneous data-base which uses the Seismological Tables published by Harold Jeffreys and K.E. Bullen in 1948. On their tables, shallow (crustal) earthquakes are constrained to a depth-of-focus of 33 km, hence the portrayal of such shallow earthquakes on the maps and tables to that depth.

Listing of instrumentally recorded earthquakes is only a part of what a total catalogue should be. Historical earthquake documentation contributes a valuable input into the seismicity catalogue of a region. Catalogues take different forms and have different meanings to users. In the dictionary "catalog or catalogue" is defined as: 1. List. Register. 2.(a) a complete enumeration of items arranged systematically with descriptive details, (b) a book that contains such a list, (c) material in such a list. In this context the listing presented herein is a very carefully edited version of all instrumentally recorded earthquakes from 1900 through 1984 inclusive at seismological stations reporting the event. Thus, the information listed chronologically from 1900 through 1984 inclusive in Table I lists all entries in seven headings as follows: NO: a consecutive number assigned to the chronological list; DATE: identifies the year, month and day of occurrence of the event number; TIME: identifies the hour, minutes and seconds in universal time (UTC or GMT); LAT S: is the southern latitude coordinate of the epicenter location of the event in degrees; LON W: is the west longitude coordinate of the epicenter location of the event in degrees; DEP: lists the depth-of-focus of the earthquake in kilometers. For some events, next to the depth-of-focus, a depth control designator is given and these are: (a) 'A'—assigned depth; (b) 'D'—restrained depth using other depth phases; (c) 'G'—depth is restrained by a geophysicist who is examining and determining the quality of the solution; and, (d) 'N'—restrained to normal depth of 33 kilometers. MAGNITUDE: lists the body-wave magnitude ( $m_b$ ) and/or the surface-wave magnitude ( $M_s$ ) and its source determination, i.e. PAS means Pasadena (California Institute of Technology, Seismological Laboratory). For other abbreviations see the Glossary at the beginning of this publication. An abbreviation is used next to the  $m_b$  or the  $M_s$  entry (such as ISC or GS) when the SOURCE (as listed in Table II) is different from those agencies which have determined and released a magnitude independently. The headings shown above are the same used in Tables II, III, IV, VI, and VII.

The listings of all events which have occurred and have been instrumentally recorded since 1900 through 1984 have been edited so that all duplicate entries are deleted. This listing has been planned as a "dynamic catalogue" in which the user can enter information that we have somehow overlooked, or otherwise the user can enter his/her information obtained from detailed studies of a region or from other special studies. The catalogue has been designed so the user can upgrade and update the listings in the future. Each of the tables in this publication has its own page numbering system at the top of the page and a consecutive number system at the bottom. Tables I and II have the same table numbering system for ease in cross-referencing between the two tables. The earthquake number identification (NO.) refers to the same event regardless

of which table it is found in.

Table II lists the same information as in Table I for columns identifying NO. (earthquake number), DATE, LAT S and LON W. The fifth column identifies SOURCE, i.e. CFR means Richter, for other abbreviations consult the Glossary. Next to the source abbreviation identification there may be one of three symbols that identify information which pertains to the data and/or the solution. These symbols are: \* hypocenter determined using incomplete or less reliable seismological data; ? means a poor solution and the accuracy of the hypocenter determination is considered below the normal standards set by the National Earthquake Information Center (NEIC) of the United States Geological Survey; % means a non-furnished hypocenter has been computed using seismological data reported by a single network of stations for which the data and/or origin time cannot be confirmed from seismograms available to NEIC analysts. However, all other parameters are considered consistent with the normal standards set by NEIC.

The heading (QI) for the sixth column identifies the quality of the solution for three hypocenter parameters; (1) epicenter, (2) origin time and (3) depth, as follows: 'A'—Very accurate; 'B'—good; 'C'—fair; and 'D'—poor. This quality identification applies only to entries for which G-R is the source. Other entries in the QI column identify the number of stations used in determining the epicenter parameters.

In Table II the seventh column is labeled CE which means Cultural Effects. The following information is entered when available: 'H' means noise was heard due to the earthquake occurrence; 'F' means the earthquake was felt; 'C' means the earthquake claimed casualties; and 'D' means the event in question produced damage to man-made structures. The Cultural Effect shown in the table is the most severe effect reported for the particular event. Under the eighth column, labeled MMI, the maximum Modified Mercalli intensity rating is listed when available. Consult the Glossary for a definition of intensity and for a table description of the Modified Mercalli Intensity scale. Under the ninth column, labeled ISO and FP, the following information is entered when available: I means an isoseismal map has been published for the earthquake in question and S means a focal mechanism solution (P- or S-wave) has been published. The tenth column, PE, means Physical Effects. The following information is entered when available: 'F' means, literally, faulting and hence that surface faulting has been identified with the earthquake in question; 'LS' means landslides were triggered by the earthquake; 'T' means a tsunami was caused by the earthquake in question. Other physical effects, corresponding to geological hazards, are listed in the Glossary.

Table III presents a subdivision of the instrumental catalogue on a spatial basis for Peru and neighboring countries. The region bounded by the 68° W to the 84°W longitude and from the 0° to the 20°S latitude is divided into twenty grids, each grid being 4° × 4°, and numbered from 1 to 20 as shown in Figure 2. Each space grid is numbered on the upper left corner of Table III and the listing of events which occurred within the grid is given. This table is subdivided into twenty sections. The data listed in Table III consists essentially of the same data listed in Tables I and II for all magnitude earthquakes recorded at seismological stations throughout the world, however rearranged to facilitate the isolation of a given subdivision for the user who needs to ascertain the seismicity and size of earthquakes which occurred in such region

in a prompt manner. An application of the usage of this table is, for example, a site analysis seismicity pilot-study for a possible dam construction in northern Peru. The user is only confronted with the task of identifying the proposed geographical location of the dam and then consulting directly with Table III for the general space distribution of events. Table III lists the earthquake number (NO.) which corresponds to the same number listed in Tables I and II, and its corresponding DATE, TIME, LAT S, LON W, depth-of-focus in kilometers and the corresponding magnitude ( $m_b$  or  $M_s$ ). For further information on the events listed in Table III the user is referred to cross-reference Table II (using the same event number) to extract other pertinent information about such event.

Table IV lists all the earthquakes instrumentally located and listed in Table I by different depth categories. The first depth category is from 0 to 33 km; the second is for depths greater than 33 to 100 km; the third is for depths greater than 100 to 300 km and the last category is for events with depth-of-focus greater than 300 km. The first category portrays crustal earthquakes. The second category portrays horizontal lithospheric earthquakes. The third category represents earthquakes in subductive regions and in areas where the velocity of seismic waves show a decrease in their velocity of propagation. The last category portrays earthquakes which are in the region where the transition zones are located and where termination (or consumption) of the lithosphere is taking place. All of the headings in this Table correspond to the information listed in Tables I and II. The listing of earthquakes by depth facilitates the retrieval of a particular data-base from the chronological table.

Table V represents a space-matrix of the overall region shown in Table IV. The space-matrix is divided into four depth categories and each space-matrix is subdivided into small cells of  $0.5^\circ \times 0.5^\circ$  in which the total number of earthquakes which occurred from 1900 through 1984 are listed numerically. The number of earthquakes listed include events for which no assigned magnitudes are given or otherwise. The first space-matrix represents earthquakes with depth-of-foci from 0 to 33 km. In Figure 3 a graphical three dimensional (3-D) display is shown which visually portrays the areas where higher concentrations of seismicity exist and are listed on the space-matrix table. In this figure the light shadow represents the geographical boundaries of Peru. The dashed lines represent the geographical boundaries of neighboring nations. A similar display is shown in Figures 4, 5 and 6 that follow, representing different depth categories. This table represents spatial seismicity information ( $0.5^\circ \times 0.5^\circ$ ), as a function of depth.

Table VI lists the instrumentally located hypocenters in a chronological order for which there were 10 or more seismological stations reporting the event. The earthquake number (NO.) heading identifies the event with the same number as listed on Tables I and II. This number can be used to cross-reference certain earthquakes that the user requires in his/her work and for which further information can be obtained from Table II. As expected, Table VI is a decimated version of Table I, therefore the earthquake numbers are not consecutive but are in an ascending order.

In Table VII earthquakes are listed for which there is a reported magnitude ( $m_b$  or  $M_s$ ) equal to or greater than 5.0 in chronological order. The earthquake number (NO.) can be used to obtain more information about the event in question from Table II.

The series of Tables presented in this publication constitute an effort in reporting the

instrumentally located hypocenters in different formats which will assist scientists and engineers in their efforts to obtain regional, local and/or site seismic activity information in a prompt and accurate manner.

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# CATALOGO SISMICO DEL PERU

Por

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## CARACTERISTICAS Y DESCRIPCION DEL CATALOGO

La sismicidad de la región occidental del Perú está gobernada por los complicados procesos tectónicos entre la colisión de dos placas: la Placa Sudamericana contra la Placa de Nazca. La última desciende bajo la primera, creando una actividad sísmica constante. En la Figura 1 se muestra el patrón general de sismicidad del Perú y países vecinos para terremotos con magnitudes ( $m_b$ ,  $M_s$ ) mayores que 3.4 y diferentes categorías de profundidades focales ( $h$ ):  $0 \leq h \leq 33$  km,  $33 < h \leq 100$  km,  $100 < h \leq 300$  km y  $h > 300$  km. Las tres categorías de magnitudes ( $m$ :  $m_b$  y/o  $M_s$ ) seleccionadas son:  $3.4 \leq m \leq 5.0$ ,  $5.0 < m \leq 6.0$  y  $m > 6.0$ . Las profundidades se identifican con símbolos diferentes (4 tipos) y las categorías de magnitudes aumentan en tamaño de símbolo (como se muestra en la leyenda de la Figura 1), siendo mayores para magnitudes mayores. Como en la mayoría de las áreas de subducción, existe una gran actividad sísmica a través de la placa litosférica de subducción.

Los parámetros que identifican a un terremoto, desde el punto de vista matemático son: (1) el tiempo de ocurrencia, que significa hora, minutos y segundos dados usualmente en el Tiempo Medio de Greenwich (GMT) ó en Tiempo Universal Coordinado (UTC); (2) la localización, que significa en coordenadas geocéntricas la longitud y latitud en grados, del epicentro (esta información se utiliza en estudios de distribución espacial de la sismicidad); y (3) la profundidad, que significa el punto donde se origina el primer movimiento, y localiza el hipocentro del evento (esta información se utiliza en estudios de distribución en profundidades de la sismicidad). Otros parámetros del terremoto que lo identifican como evento aleatorio son: la fecha, que significa día, mes y año (esta información se utiliza en estudios de distribución en el tiempo de la sismicidad); el tamaño, ya sea (a) instrumentalmente cuán grande o pequeño fue el terremoto en función de una ley de escalamiento de magnitudes p. ej.  $m_b$  y/o  $M_s$  (esta información se utiliza en estudios de distribución de tamaño de la sismicidad); ó (b) no instrumentalmente cuán grande o pequeño fue el terremoto en función de una escala de intensidad, p. ej. la escala de intensidades Mercalli Modificada (para una descripción, referirse al Glosario). Una clasificación en esta escala se le asigna a un punto en el área sacudida por un sismo, utilizando cuestionarios en el campo y comparando después los resultados de los efectos del sismo con la escala. Otro tipo de información sobre el terremoto se refiere a la relación del evento con la actividad volcánica, ó al daño sufrido por estructuras construídas ó a los efectos de deformación del terreno observados tales como fallamientos, licuefacción, falla del suelo, deslizamientos, aludes, derrumbes, subsidencias, etc. También los desastres producidos por un evento son de importancia en su identificación, o los daños sufridos por la población, o el daño de los líneas de vida p. ej.: carreteras, líneas férreas, tanques de agua, construcciones críticas (hospitales) etc.

La base de datos que se muestra en la Figura 1 y se lista en las tablas que siguen ha sido coleccionada por el United States Geological Survey, el antiguo U.S. Coast and

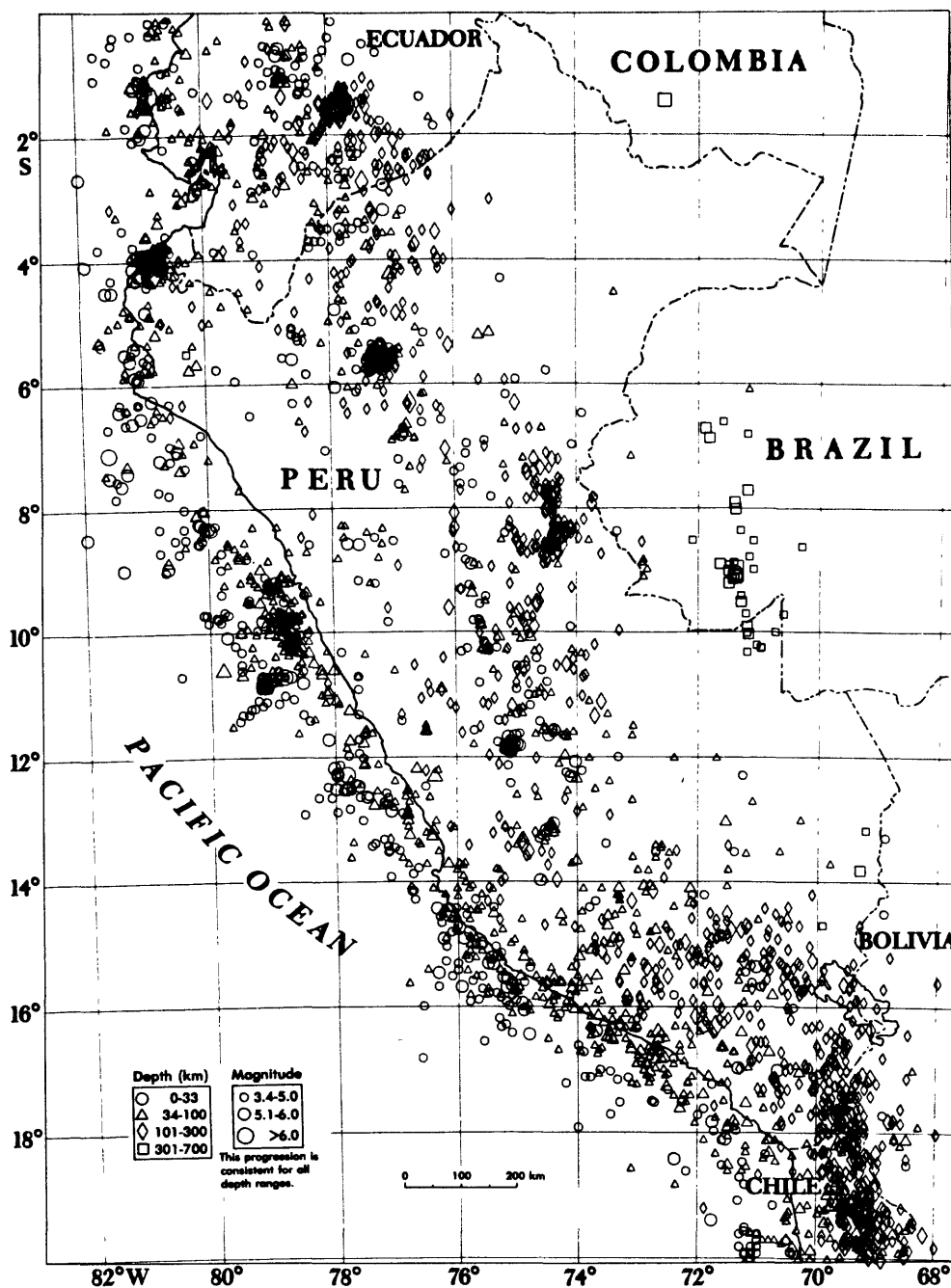


FIGURA 1. Sismicidad del Perú países adyacentes de 1900 a 1984, para terremotos con magnitudes ( $m_b$  ó  $M_s$ ) iguales o mayores que 3.4. Los símbolos de profundidad y magnitud se muestran en la leyenda.

Geodetic Survey y agencias sucesoras en ESSA y NOAA, el Observatorio Geológico Lamont-Doherty de la Universidad de Columbia, el Laboratorio Sismológico del California Institute of Technology, el Laboratorio Sismológico de la University of California at Berkeley, el International Seismological Center, y el National Earthquake Information Center del U.S. Geological Survey. Se incluye una selección de referencias que identifica un número de publicaciones que tratan con estudios históricos de terremotos y con catálogos peruanos durante las dos últimas décadas.

Los datos sismológicos de hipocentros utilizados en este catálogo forman una base de datos homogénea que utiliza las Tablas Sismológicas publicadas por H. Jeffrey y K. E. Bullen en 1948. En sus tablas, los terremotos superficiales (de la corteza) están restringidos a una profundidad focal de 33 km., de aquí la representación de los terremotos superficiales en los mapas y tablas a tal profundidad.

El listado de los terremotos registrados instrumentalmente es solamente una parte de lo que un catálogo total debería ser. La documentación histórica de terremotos constituye una contribución importante al catálogo sísmico de una región. Los catálogos toman diferentes formas y tienen significados diferentes según los usuarios. En el diccionario se define el catálogo como: 1. Listado, registro. 2(a) una enumeración completa de artículos sistemáticamente confeccionados con detalles descriptivos, (b) un libro que contiene tal lista, (c) el material en tal lista. En este contexto, el listado presentado aquí es una versión muy cuidadosamente editada de todos los registros de terremotos instrumentales desde 1900 hasta 1984 inclusive en estaciones sismológicas que registran el evento. De este modo, la información listada cronológicamente desde 1900 hasta 1984 inclusive en la Tabla 1 presenta todas las entradas en siete títulos, como sigue: NO: un número consecutivo asignado a la lista cronológica; DATE: identifica el año, mes y día de ocurrencia del número de evento; TIME: identifica la hora, minutos y segundos en tiempo universal (UTC ó GMT); LAT S: es la coordenada latitud sur de la localización del epicentro del evento en grados; LON W: es la coordenada longitud oeste de la localización del epicentro del evento en grados; DEP: lista la profundidad focal del terremoto en kilómetros. Para algunos eventos, junto a la profundidad focal, se presenta un símbolo de control de profundidad que puede ser: (a) A—profundidad asignada; (b) D—Profundidad restringida utilizando otras fases de profundidad; (c) G—la profundidad está restringida por un geofísico que está examinando y determinando la calidad de la solución; y (d) N—restringida a profundidad normal de 33 kilómetros; MAGNITUDE: lista la magnitud en base a las ondas internas ( $m_b$ ) y/o la magnitud en base a las ondas de superficie ( $M_s$ ) y su fuente de determinación, p. ej. PAS significa Pasadena (Laboratorio Sismológico California Institute of Technology). Las otras abreviaciones se presentan en el Glosario al inicio de esta publicación. Se utiliza una abreviación junto a la entrada de  $m_b$  ó de  $M_s$  (tal como ISC ó GS) cuando la SOURCE (tal como se lista en la Tabla II) es diferente a aquellas agencias que han determinado y publicado una magnitud independientemente. Esta utilización se sigue en las Tablas II, III, IV, VI y VII.

El listado de todos los eventos que han ocurrido y que han sido registrados instrumentalmente desde 1900 hasta 1984, han sido editados de tal modo que se han omitido los duplicados. Este listado ha sido concebido como un "catálogo dinámico", en donde el usuario puede introducir información que de algún modo hemos pasado por alto, o



de otro modo, el usuario puede introducir su propia información obtenida de estudios detallados de una región o de otros estudios especiales. El catálogo ha sido diseñado de tal modo que el usuario puede mejorar o actualizar los listados en el futuro. Cada una de las tablas en esta publicación tiene su propio sistema de numeración de página en la parte superior y un sistema de números consecutivos en la parte inferior. Las Tablas I y II tienen el mismo sistema de numeración para una fácil referencia cruzada entre las dos tablas. El número de identificación del terremoto (NO.) se refiere al mismo evento, indiferentemente de la tabla en que se encuentre.

La Tabla II lista la misma información de la Tabla I para las columnas que identifican NO. (número de terremoto), DATE, LAT S y LON W. La quinta columna identifica la SOURCE, p. ej. CFR significa Richter, para otras abreviaciones consultar con el Glosario. Junto a la identificación abreviada de fuente puede existir de uno a tres símbolos que identifica la información pertinente a los datos y/o la solución. Estos símbolos son: \* determinación del hipocentro utilizando datos sismológicos incompletos ó menos confiables; ? significa una solución pobre y la precisión en la determinación del hipocentro se considera por debajo de los estándares establecidos por el National Earthquake Information Center (NEIC) del United States Geological Survey; % significa que un hipocentro no disponible ha sido calculado utilizando datos sismológicos suministrados por una sola red de estaciones para las cuales los datos y/o tiempo de origen no pueden ser confirmados de sismogramas disponibles a los analistas del NEIC. Sin embargo, todos los otros parámetros son considerados consistentes con las normas estándar del NEIC.

El título (Q1) de la sexta columna identifica la calidad de la solución para los tres parámetros hipocentrales; (1) epicentro, (2) tiempo de origen y (3) profundidad, de la forma siguiente: A—muy precisa; B—significa buena; C—regular; y D—pobre. Esta identificación de calidad se aplica solamente a las entradas para las cuales la fuente es G-R. Las otras entradas en la columna Q1 identifican el número de estaciones utilizadas en la determinación de los parámetros epicentrales.

En la Tabla II la columna séptima tiene el símbolo CE que significa Efectos Culturales. La información siguiente se introduce cuando está disponible: H—se escuchó ruido debido a la ocurrencia del terremoto; F—el terremoto fue sentido; C—el terremoto causó daños y D—el evento produjo daños en estructuras construídas por el hombre. El Efecto Cultural mostrado en la Tabla es el efecto más severo registrado para el evento particular. Bajo la octava columna denominada MMI, se presenta la máxima intensidad en la escala Mercalli Modificada, cuando está disponible. Consulte el Glosario para la definición de intensidad y para una descripción de la escala de intensidades Mercalli Modificada. Bajo la novena columna, denominada ISO y FP, se introduce la información siguiente cuando existe: I significa que un mapa de isosistas ha sido publicado para el terremoto de referencia y S significa que una solución de mecanismo focal (onda P ó S) ha sido publicada. La décima columna, PE, significa Efectos Físicos. La información siguiente se introduce, cuando está disponible: F significa literalmente fallamiento, y por lo tanto que fallamiento superficial ha sido identificado con el terremoto de referencia; LS significa deslizamientos que han sido causados por el terremoto; T significa tsunami o maremoto que ha sido causado por el terremoto. Otros efectos físicos correspondientes a peligros geológicos están listados en el Glosario.

La Tabla III presenta una subdivisión del catálogo instrumental en base espacial para el Perú y países adyacentes. La región limitada por las longitudes  $68^{\circ}\text{W}$  a  $84^{\circ}\text{W}$  y por las latitudes  $0^{\circ}$  a  $20^{\circ}\text{S}$  está dividida en veinte cuadrículas, cada cuadrícula es de  $4^{\circ} \times 4^{\circ}$  y está numerada del 1 al 20 como se muestra en la Figura 2. Cada cuadrícula está numerada en la esquina superior izquierda de la Tabla III y el listado de eventos que ocurrieron dentro de la cuadrícula se presenta. Esta tabla está subdividida en veinte secciones. La información listada en la Tabla III consiste esencialmente de la misma información listada en las Tablas I y II para todas las magnitudes de terremotos registrados en estaciones sismológicas en todo el mundo, sin embargo, reorganizada de tal forma que facilitar la separación de una subdivisión dada para el usuario que necesita determinar la sismicidad y el tamaño de los terremotos que ocurrieron en dicha región de una manera rápida. Una aplicación de la utilización de esta tabla es por ejemplo, un estudio piloto del análisis de la sismicidad en el emplazamiento de una posible construcción de una presa en el norte del Perú. El usuario tan solo tiene la tarea de identificar la localización geográfica propuesta de la presa y consultar directamente con la Tabla III para la distribución general espacial de los eventos. La Tabla III lista el número del terremoto (NO.) que corresponde al mismo número listado en las Tablas I y II, y su correspondiente DATE, TIME, LAT S, LON W, profundidad focal en kilómetros y la magnitud correspondiente ( $m_b$  ó  $M_s$ ). Para mayor información sobre los eventos listados en la Tabla III, el usuario debe referirse a la Tabla II (utilizando el mismo número del evento) para extraer otra información pertinente acerca de dicho evento.

La Tabla IV lista todos los terremotos localizados instrumentalmente y listados en la Tabla I, por diferentes profundidades. La primera categoría de profundidad es de 0 a 33 km; la segunda es para profundidades mayores que 33 a 100 km; la tercera es para profundidades mayores que 100 a 300 km y la última categoría es para eventos con profundidades focales mayores que 300 km. La primera categoría representa terremotos de la corteza. La segunda categoría representa terremotos litosféricos horizontales. La tercera categoría representa terremotos en regiones de subducción y en áreas donde la velocidad de las ondas sísmicas muestra un decremento en su velocidad de propagación. La última categoría representa terremotos que están en la región donde se localizan las zonas de transición y donde la extinción de la litósfera está ocurriendo. Todos los títulos de esta tabla corresponden a la información listada en las Tablas I y II. El listado de los terremotos por profundidad facilita la obtención de una base de datos particular de la tabla cronológica.

La Tabla V representa una matriz espacial de la región total mostrada en la Tabla IV. La matriz espacial está dividida en cuatro categorías de profundidad y cada matriz espacial está subdividida en células pequeñas de  $0.5^{\circ} \times 0.5^{\circ}$  en donde el número total de terremotos que ocurrieron desde 1900 hasta 1984 están listados numéricamente. El número listado de terremotos incluye eventos para los cuales no existe asignación de magnitud. La primera matriz espacial representa terremotos con profundidades focales de 0 a 33 km. En la Figura 3 se muestra un gráfico tridimensional que representa visualmente las áreas donde existe una mayor concentración de sismicidad y están listados en la tabla de matriz espacial. En esta figura la sombra ligera representa las fronteras geográficas del Perú. Las líneas discontinuas representan las fronteras geográficas de las naciones vecinas. Una representación similar se muestra en las Figuras 4, 5 y 6 que siguen, representando diferentes categorías de profundidad. Esta tabla

representa información de sismicidad espacial ( $0.5^{\circ} \times 0.5^{\circ}$ ), en función de la profundidad.

La Tabla VI lista los hipocentros localizados instrumentalmente en orden cronológico, para los cuales existieron 10 ó más estaciones sismológicas reportando el evento. El título del número de terremoto (NO.) identifica el evento con el mismo número listado en las Tablas I y II. Este número puede utilizarse para referenciar cruzadamente ciertos terremotos que el usuario requiere en su trabajo y para los cuales se puede obtener información adicional de la Tabla II. Como se esperaría, la Tabla VI es una versión diezmada de la Tabla I, por consiguiente los números de terremotos no son consecutivos, pero están en orden ascendente.

En la Tabla VII se listan todos los terremotos para los cuales existe una magnitud reportada ( $m_b$  ó  $M_s$ ) igual o mayor que 5.0 en orden cronológico. El número de terremotos (NO.) puede utilizarse para obtener mayor información acerca del evento en referencia de la Tabla II.

Las series de Tablas presentadas en esta publicación constituyen un esfuerzo en presentar los hipocentros determinados instrumentalmente en diferentes formatos que asistirán a científicos e ingenieros en sus afanes de obtener información de la actividad sísmica regional, local y/o de un emplazamiento de una manera rápida y precisa.

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**TABLE I.**

Chronological listing of instrumentally located earthquakes which occurred from 1900 through 1984 (Time-Distribution).

**TABLA I.**

Listado cronológico de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984 (Distribución Temporal).

## EARTHQUAKE CATALOG OF PERU

I-1

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1	1901 01 07	00 29 0.0	2.00	82.00	25.0A		7.8 PAS
2	1906 09 28	15 24 54.0	2.00	79.00	150.0		7.9 PAS
3	1911 04 28	09 52 54.0	0.00	71.00	600.0		7.1 PAS
4	1913 08 06	22 14 24.0	17.00	74.00	25.0A		7.9 PAS
5	1915 04 23	15 29 18.0	8.00	68.00	650.0		7.3 PAS
6	1915 06 06	21 29 37.0	18.50	68.50	160.0		7.6 PAS
7	1919 05 23	03 07 35.0	8.20	79.30			
8	1919 07 24	04 43 55.0	1.50	76.00			
9	1919 10 27	03 40 48.0	16.00	69.50	287.0		
10	1920 02 28	18 41 0.0	12.00	69.00			
11	1920 08 13	02 03 0.0	20.00	68.00	150.0		6.5 PAS
12	1920 10 07	20 54 0.0	12.00	69.00			
13	1921 01 09	12 55 0.0	14.00	74.50			
14	1921 10 20	06 03 24.0	18.50	68.00	120.0		7.0 PAS
15	1921 11 02	07 56 40.0	12.00	78.50			
16	1921 12 18	15 29 35.0	2.50	71.00	650.0		7.9 PAS
17	1922 01 06	14 10 36.0	19.00	76.00			
18	1922 01 06	14 11 2.0	16.50	73.00			7.2 PAS
19	1922 01 06	19 20 38.0	19.00	76.00			
20	1922 01 17	03 50 33.0	2.50	71.00	650.0		7.6 PAS
21	1922 04 06	03 13 0.0	14.00	77.00			
22	1922 04 06	08 00 45.0	14.00	77.00			
23	1922 08 21	19 22 10.0	12.00	69.00			
24	1922 09 04	17 04 8.0	10.50	69.50	660.0		6.9 PAS
25	1922 09 19	03 16 20.0	18.00	73.00			
26	1922 09 19	23 50 0.0	18.00	73.00			
27	1922 10 11	14 49 50.0	16.00	72.50	50.0		7.4 PAS
28	1923 09 02	22 38 12.0	16.00	68.50	150.0		7.0 PAS
29	1923 09 09	04 16 25.0	0.00	75.00			
30	1923 09 09	04 16 44.0	5.00	80.00			
31	1924 01 26	02 06 10.0	1.50	76.00			
32	1924 03 10	18 00 24.0	2.80	74.50			
33	1924 03 11	22 44 23.0	4.00	82.00	60.0		6.8 PAS
34	1924 03 16	01 22 36.0	2.00	72.00			
35	1924 07 22	04 04 18.0	2.00	80.00	250.0		6.5 PAS
36	1925 01 05	13 45 46.0	14.00	73.50	200.0		6.5 PAS
37	1925 03 16	10 08 55.0	18.00	73.00			
38	1925 06 23	16 46 58.0	0.00	77.00	180.0		6.8 PAS
39	1925 09 12	09 26 0.0	8.00	75.00			
40	1925 10 25	04 30 0.0	18.00	73.00			
41	1925 11 06	13 57 40.0	13.00	74.50			
42	1925 11 17	00 17 45.0	10.00	79.00			
43	1925 12 27	17 38 12.0	6.50	81.50			

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
44	1926 03 07	20 32 30.0	9.50	84.00			
45	1926 03 07	20 33 38.0	5.00	76.50	150.0		6.5 PAS
46	1926 03 11	10 41 54.0	10.00	74.00			
47	1926 06 05	01 20 15.0	17.00	78.50			
48	1926 07 01	20 29 30.0	5.00	81.50			
49	1926 07 14	01 38 40.0	2.50	71.00			
50	1927 01 11	19 45 40.0	15.00	78.30			
51	1927 03 13	05 32 26.0	6.00	81.50			6.0 PAS
52	1927 04 06	18 54 5.0	10.00	70.00	600.0		6.0 PAS
53	1927 06 10	17 08 12.0	1.00	79.00			
54	1927 07 14	23 27 30.0	8.80	82.30			
55	1927 10 19	14 41 45.0	1.50	76.00			
56	1927 10 21	00 57 50.0	8.20	79.30			
57	1927 11 21	18 50 40.0	9.20	80.00			
58	1928 01 18	12 22 12.0	14.00	77.00			
59	1928 03 23	11 06 20.0	18.00	73.00			
60	1928 04 09	17 34 15.0	13.00	69.50	30.0		6.9 PAS
61	1928 04 27	20 34 58.0	13.00	69.50			6.8 PAS
62	1928 05 14	22 14 46.0	5.00	78.00			7.3 PAS
63	1928 05 15	02 36 4.0	5.00	78.00			
64	1928 05 16	07 56 42.0	4.00	77.50			
65	1928 05 17	10 53 30.0	11.40	74.50			
66	1928 05 21	17 02 25.0	5.00	78.00			
67	1928 05 26	14 03 15.0	5.00	78.00			
68	1928 07 03	07 46 50.0	1.50	76.00			
69	1928 07 18	19 05 0.0	5.50	79.00			7.0 PAS
70	1928 09 15	09 32 24.0	5.00	80.00			
71	1928 09 21	13 27 5.0	15.00	70.50	250.0		6.8 PAS
72	1928 10 19	05 49 0.0	15.30	73.00			
73	1929 05 01	22 03 32.0	5.00	78.50			
74	1929 05 25	11 59 38.0	8.50	75.50	150.0		6.8 PAS
75	1929 09 16	03 44 33.0	11.20	82.00			
76	1929 11 12	20 07 15.0	18.50	70.00			
77	1930 06 25	10 17 38.0	16.00	75.00			
78	1930 06 25	21 21 45.0	14.50	76.00			
79	1930 08 04	05 04 31.0	9.50	70.50	650.0		6.5 PAS
80	1930 11 24	06 06 48.0	2.00	77.00	100.0		6.3 PAS
81	1931 02 09	02 11 3.0	15.30	75.80			
82	1931 04 03	01 56 11.0	9.25	79.00			6.3 PAS
83	1931 06 15	11 19 55.0	14.50	75.50			6.0 PAS
84	1931 07 11	05 56 13.0	8.50	74.50	120.0		6.3 PAS
85	1931 09 21	21 36 52.0	8.80	82.30			
86	1932 01 20	02 30 50.0	12.00	77.50	100.0		6.8 PAS



## EARTHQUAKE CATALOG OF PERU

1-3

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
87	1932 05 30	00 22 45.0	19.00	69.00	160.0		5.8 PAS
88	1932 06 18	00 13 39.0	20.00	71.00	70.0		6.3 PAS
89	1932 06 25	02 31 41.0	6.50	81.50			
90	1932 07 03	17 30 21.0	15.90	72.80			
91	1932 07 29	00 45 18.0	19.00	70.00	110.0		6.0 PAS
92	1932 09 05	06 23 50.0	6.00	81.00	50.0		6.0 PAS
93	1932 09 20	12 41 40.0	11.50	81.50			
94	1932 12 09	08 34 55.0	15.00	75.00	75.0		6.5 PAS
95	1933 02 23	08 09 12.0	20.00	71.00	40.0		7.6 PAS
96	1933 07 23	04 13 11.0	15.75	75.25	80.0		6.0 PAS
97	1933 07 31	15 23 7.0	15.50	75.50	80.0		6.0 PAS
98	1933 08 06	02 54 52.0	11.00	75.50	100.0		6.5 PAS
99	1933 08 09	23 02 45.0	15.50	68.50	170.0		6.3 PAS
100	1933 08 20	22 59 16.0	13.00	80.00			5.6 PAS
101	1933 08 22	09 49 58.0	13.00	80.00			5.6 PAS
102	1933 08 22	09 50 4.0	13.80	80.20			
103	1933 08 29	14 52 36.0	10.90	69.50	650.0		6.5 PAS
104	1933 09 14	07 59 24.0	19.00	70.50	100.0		5.3 PAS
105	1933 10 01	02 40 42.0	7.00	75.25	120.0		6.3 PAS
106	1933 10 02	15 29 21.0	2.00	81.00			6.9 PAS
107	1933 10 02	19 24 33.0	2.10	81.20			
108	1933 10 02	21 55 27.0	2.10	81.20			
109	1933 10 02	23 33 44.0	2.10	81.20			
110	1933 10 03	10 21 20.0	1.75	80.75			6.3 PAS
111	1933 10 03	14 21 49.0	1.75	80.75			6.0 PAS
112	1933 10 05	15 06 26.0	2.10	81.20			
113	1933 11 05	07 11 54.0	0.00	83.00			
114	1933 11 05	08 35 54.0	0.00	83.00			
115	1933 12 29	08 17 1.0	5.00	81.50			
116	1933 12 31	21 39 42.0	20.00	70.20			
117	1934 05 11	17 13 8.0	19.50	71.00			5.6 PAS
118	1934 05 24	11 46 30.0	4.00	73.00			
119	1934 10 29	23 25 23.0	5.00	78.00	110.0		6.3 PAS
120	1934 12 04	17 24 38.0	19.50	69.50	130.0		6.9 PAS
121	1935 03 08	11 59 14.0	4.00	80.00	100.0		6.0 PAS
122	1935 03 09	02 54 37.0	12.00	78.00	150.0		5.8 PAS
123	1935 03 26	19 54 47.0	15.50	73.00	120.0		6.0 PAS
124	1935 07 20	10 22 54.0	13.00	73.50			
125	1935 09 19	09 55 47.0	15.50	70.00	250.0		6.5 PAS
126	1935 11 02	21 05 40.0	2.00	79.00	130.0		6.0 PAS
127	1935 12 14	01 31 13.0	9.50	70.50	650.0		6.9 PAS
128	1935 12 14	11 21 30.0	9.00	70.00	603.0		
129	1935 12 16	16 57 24.0	9.50	70.50	650.0		6.3 PAS

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
130	1935	12	28	04	50	49.0	9.50	70.50	650.0		5.8 PAS
131	1936	05	06	03	38	55.0	8.00	75.00	160.0		6.0 PAS
132	1936	07	04	08	52	35.0	18.00	70.00	140.0		6.0 PAS
133	1936	09	16	17	44	13.0	16.00	72.50	130.0		5.8 PAS
134	1936	12	05	00	37	58.0	20.00	70.50	100.0		6.0 PAS
135	1937	03	28	12	21	42.0	13.50	75.00	120.0		5.5 PAS
136	1937	03	29	07	49	47.0	15.50	71.00	120.0		6.8 PAS
137	1937	06	21	15	13	4.0	8.50	80.00	60.0		6.8 PAS
138	1937	06	22	05	34	3.0	9.00	79.00	150.0		5.8 PAS
139	1937	06	24	14	57	18.0	7.80	80.30			
140	1937	07	09	17	27	40.0	16.00	72.00	180.0		6.0 PAS
141	1937	07	19	19	35	24.0	1.50	76.50	190.0		7.1 PAS
142	1937	08	02	03	26	54.0	4.70	73.00	400.0		
143	1937	09	04	03	39	36.0	0.50	80.00			
144	1937	09	08	16	10	30.0	0.00	81.00			
145	1937	09	09	05	29	0.0	5.00	84.00			
146	1937	09	15	00	50	18.0	1.00	82.00			
147	1937	09	26	05	51	48.0	3.30	77.60			
148	1937	10	02	16	22	24.0	14.70	69.90			
149	1937	10	15	03	41	15.0	13.50	77.00	90.0		5.3 PAS
150	1937	11	02	17	54	54.0	15.90	74.00			
151	1937	11	05	22	24	36.0	12.50	77.00			
152	1937	11	07	09	08	43.0	10.00	73.50	120.0		5.5 PAS
153	1937	11	15	00	51	6.0	14.60	82.40			
154	1937	12	24	06	20	40.0	10.50	76.50			6.3 PAS
155	1938	01	16	21	41	47.0	6.00	75.00	100.0		6.0 PAS
156	1938	02	08	05	38	18.0	1.90	81.20			
157	1938	02	08	07	16	6.0	2.10	81.20			
158	1938	02	08	10	56	54.0	2.00	83.00			
159	1938	02	08	14	21	24.0	2.50	81.50			
160	1938	02	08	16	00	48.0	1.00	81.00			
161	1938	02	09	12	26	42.0	1.10	79.60			
162	1938	02	14	15	22	6.0	2.50	81.90			
163	1938	04	17	14	39	38.0	19.00	69.50	60.0		6.5 PAS
164	1938	08	10	02	02	6.0	1.00	80.00			
165	1938	09	09	17	27	12.0	7.20	80.30			
166	1938	12	02	07	44	0.0	16.30	76.80			
167	1939	04	06	04	53	12.0	9.70	74.50			
168	1939	04	25	12	53	37.0	12.50	75.50	150.0		6.3 PAS
169	1939	05	19	18	25	35.0	18.00	69.00	100.0		6.3 PAS
170	1939	06	20	12	32	30.0	17.50	73.50			
171	1939	06	24	04	22	24.0	12.50	72.00			
172	1939	09	13	18	03	30.0	18.50	70.50	130.0		5.8 PAS

## EARTHQUAKE CATALOG OF PERU

1-5

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
173	1939	09	20	08	53	12.0	11.50	75.50	80.0		6.0 PAS
174	1939	10	07	23	51	18.0	18.50	70.00	110.0		6.0 PAS
175	1939	11	06	20	58	30.0	11.00	77.00			
176	1939	11	18	07	42	15.0	15.00	75.50			5.8 PAS
177	1939	11	26	06	26	18.0	8.50	77.50	130.0		5.5 PAS
178	1939	12	11	10	42	0.0	15.00	77.00	150.0		
179	1939	12	13	18	45	24.0	17.00	74.00	100.0		5.5 PAS
180	1939	12	24	22	27	40.0	6.50	71.00	600.0		5.5 PAS
181	1939	12	25	23	06	12.0	5.00	80.00			
182	1940	01	07	21	34	48.0	6.50	78.00	100.0		
183	1940	01	28	07	27	48.0	12.00	82.00			
184	1940	01	30	11	56	55.0	11.50	77.00	50.0		5.6 PAS
185	1940	03	31	16	52	30.0	19.00	70.50	50.0		6.0 PAS
186	1940	05	04	16	44	30.0	6.50	81.00			5.6 PAS
187	1940	05	05	02	03	42.0	7.00	80.00			6.0 PAS
188	1940	05	24	16	33	57.0	10.50	77.00			8.4 PAS
189	1940	05	24	21	57	54.0	11.40	78.10			
190	1940	07	30	21	52	36.0	15.00	78.00			
191	1940	08	04	16	07	5.0	14.00	74.00	120.0		5.5 PAS
192	1940	08	26	02	27	59.0	11.50	75.00	110.0		6.0 PAS
193	1940	08	31	17	12	42.0	17.00	78.00			
194	1940	09	17	08	52	0.0	10.00	80.00			
195	1940	09	24	09	55	44.0	9.50	70.50	600.0		6.0 PAS
196	1940	10	04	09	33	42.0	17.80	70.40			
197	1940	10	05	04	46	36.0	17.80	70.40			
198	1940	10	06	15	35	42.0	17.80	70.40	200.0		
199	1940	10	12	02	58	54.0	17.80	70.40	200.0		
200	1940	10	15	07	54	18.0	17.80	70.40	200.0		
201	1940	10	23	02	23	15.0	2.00	76.00	140.0		6.0 PAS
202	1940	10	27	10	36	12.0	20.00	69.00			
203	1940	12	22	18	59	46.0	15.50	68.50	230.0		7.1 PAS
204	1941	01	24	05	44	3.0	3.25	76.75	120.0		6.5 PAS
205	1941	04	15	16	34	35.0	16.40	71.00	223.0		
206	1941	05	11	05	08	0.0	11.50	76.90			
207	1941	07	10	09	29	42.0	18.50	70.00	120.0		6.0 PAS
208	1941	09	07	22	22	48.0	19.00	69.50			
209	1941	09	18	13	14	9.0	13.75	72.25	100.0		7.0 PAS
210	1941	10	15	00	07	6.0	16.00	73.50	100.0		
211	1941	10	15	09	35	15.0	15.50	74.00	110.0		6.0 PAS
212	1941	12	31	17	36	6.0	2.50	81.50			
213	1942	01	08	15	12	31.0	6.00	78.50	110.0		6.0 PAS
214	1942	05	14	02	13	18.0	0.75	81.50	25.0A		8.3 PAS
215	1942	05	14	02	54	18.0	0.00	80.00			

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
216	1942	05	14	08	38	42.0	0.00	80.00			
217	1942	05	14	15	48	42.0	0.00	80.00			
218	1942	05	15	10	50	36.0	0.00	80.00			
219	1942	05	15	11	51	18.0	0.00	80.00			
220	1942	05	15	18	12	0.0	0.00	80.00			
221	1942	05	16	03	28	12.0	16.00	73.00			
222	1942	05	16	18	58	0.0	0.00	80.00			
223	1942	05	17	15	14	12.0	0.30	80.00			
224	1942	06	07	10	48	6.0	0.00	81.00			
225	1942	06	12	10	21	30.0	2.00	76.90			
226	1942	06	18	05	15	45.0	18.80	70.50			
227	1942	07	12	05	05	17.0	0.00	80.00			
228	1942	07	21	08	43	48.0	15.00	75.00			
229	1942	08	13	19	28	6.0	10.00	78.00			
230	1942	08	24	22	50	27.0	15.00	76.00			8.6 PAS
231	1942	08	25	20	16	0.0	15.00	75.00	150.0		
232	1942	08	25	20	51	16.0	15.10	75.00			
233	1942	08	26	12	08	30.0	15.10	75.00			
234	1942	08	26	14	18	13.0	15.10	75.00			
235	1942	08	31	06	39	24.0	0.70	77.00			
236	1942	09	02	16	12	2.0	15.10	75.00			
237	1942	09	12	05	40	24.0	15.10	75.00			
238	1942	09	30	16	04	26.0	15.10	75.00			
239	1942	10	12	01	16	18.0	16.50	74.40			
240	1942	11	06	13	31	10.0	6.00	77.00	130.0		6.8 PAS
241	1942	11	08	10	16	42.0	16.00	76.00			
242	1942	11	09	21	55	30.0	0.00	81.00			
243	1942	11	11	02	02	36.0	6.50	75.50			
244	1942	11	12	15	28	12.0	0.10	81.00			
245	1942	11	12	18	00	0.0	0.00	81.00			
246	1942	11	12	22	30	12.0	0.00	81.00			
247	1942	11	14	06	19	6.0	0.00	81.00			
248	1942	11	14	17	58	54.0	0.00	81.00			
249	1942	11	14	20	57	0.0	0.00	81.00			
250	1942	11	15	00	46	0.0	0.00	81.00			
251	1942	11	17	23	19	18.0	16.50	73.00			
252	1942	11	19	08	51	54.0	0.00	81.50			
253	1942	11	19	09	08	48.0	0.00	81.50			
254	1942	11	19	14	40	0.0	0.00	81.50			
255	1942	11	19	16	32	48.0	0.60	81.70			
256	1942	11	25	08	10	7.0	0.60	81.70			
257	1942	12	15	09	09	0.0	0.50	81.50			
258	1942	12	16	02	44	42.0	0.00	81.00			

## EARTHQUAKE CATALOG OF PERU

I-7

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
259	1943 01 30	05 33 3.0	2.00	80.50	100.0		6.9 PAS
260	1943 02 08	20 10 36.0	2.50	80.00			
261	1943 02 16	07 28 35.0	15.00	72.00	190.0		7.0 PAS
262	1943 03 14	18 37 56.0	20.00	69.50	150.0		7.2 PAS
263	1943 03 16	09 47 24.0	0.00	81.50			
264	1943 03 16	09 51 54.0	0.00	81.50			
265	1943 04 05	03 08 58.0	6.50	76.00	140.0		6.5 PAS
266	1943 04 13	08 57 30.0	17.50	73.50			
267	1943 04 28	17 23 42.0	1.00	82.00			
268	1943 06 30	20 12 54.0	16.30	73.00	100.0		
269	1943 07 05	21 07 54.0	16.00	74.00			6.8 PAS
270	1943 07 06	09 40 0.0	17.00	70.00	160.0		5.8 PAS
271	1943 07 22	02 09 18.0	0.50	81.50			
272	1943 11 03	22 02 0.0	13.00	77.00			
273	1943 11 16	11 38 0.0	16.00	74.00	100.0		
274	1943 12 22	07 01 50.0	2.50	77.00	130.0		6.3 PAS
275	1944 01 06	16 44 0.0	15.00	76.00			
276	1944 02 29	03 41 53.0	14.50	70.50	200.0		7.0 PAS
277	1944 03 10	01 38 48.0	16.50	76.00			
278	1944 06 03	15 46 24.0	8.00	80.00			
279	1944 06 06	23 20 0.0	15.50	76.50			
280	1944 06 08	02 38 4.0	10.00	71.00	600.0		6.3 PAS
281	1944 06 29	11 29 48.0	11.00	79.00			
282	1944 08 07	03 25 18.0	17.50	73.50			
283	1944 08 07	23 38 12.0	18.00	74.00			
284	1944 08 10	15 27 12.0	12.00	77.00			
285	1944 08 30	04 00 48.0	14.50	78.00	100.0		
286	1944 09 15	19 20 6.0	0.50	79.00			
287	1945 02 02	21 37 48.0	0.50	81.00			
288	1945 02 02	23 27 50.0	0.50	81.00			
289	1945 04 14	06 57 38.0	19.50	70.00			
290	1945 05 10	01 57 35.0	18.50	70.00	250.0		
291	1945 05 10	17 53 15.0	15.00	77.00			
292	1945 05 21	21 21 14.0	14.50	77.00			
293	1945 06 26	01 57 0.0	17.00	76.00			
294	1945 07 12	09 12 8.0	8.50	74.50	150.0		
295	1945 07 16	12 33 30.0	1.00	82.00			
296	1945 08 01	11 47 27.0	11.00	71.00	650.0		
297	1945 08 06	23 02 10.0	6.00	76.50	100.0		
298	1945 08 09	03 13 32.0	6.00	76.50			
299	1945 08 19	05 30 26.0	11.00	76.00			
300	1945 08 21	16 29 37.0	10.50	75.00	120.0		6.8 PAS
301	1945 08 29	13 38 32.0	4.50	78.50			

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
302	1945	09	09	12	58	20.0	14.50	76.00			
303	1945	09	29	04	27	46.0	8.00	77.00			
304	1945	10	02	22	40	32.0	15.00	71.00	200.0		
305	1945	11	09	23	58	52.0	15.00	76.50			
306	1945	11	13	02	46	38.0	8.50	79.50			
307	1945	11	26	01	03	58.0	11.00	69.00	700.0		
308	1945	11	28	07	37	15.0	2.00	80.00			
309	1945	12	14	17	26	46.0	2.50	76.50	100.0		
310	1946	03	29	07	26	4.0	1.70	80.80			
311	1946	07	26	06	44	45.0	19.75	70.50	70.0		6.8 PAS
312	1946	09	30	00	59	40.0	13.00	76.00	70.0		7.0 PAS
313	1946	11	10	17	42	53.0	8.50	77.50			7.3 PAS
314	1947	08	06	05	46	58.0	9.25	71.50	600.0		6.8 PAS
315	1947	11	01	14	58	53.0	10.50	75.00			7.3 PAS
316	1948	05	11	08	55	41.0	17.50	70.25	70.0		7.3 PAS
317	1948	05	28	05	36	16.0	13.00	76.50	80.0		7.0 PAS
318	1948	07	20	11	02	17.0	17.00	75.00			7.1 PAS
319	1949	01	01	23	06	49.0	12.00	73.00			
320	1949	01	06	11	42	17.0	11.00	79.00			
321	1949	01	24	05	04	34.0	19.00	73.50			
322	1949	01	26	23	38	58.0	18.50	73.50			
323	1949	02	24	11	35	1.0	12.50	75.00			
324	1949	03	17	05	49	6.0	15.50	69.50			
325	1949	04	02	23	46	40.0	16.50	75.00			
326	1949	04	17	02	25	35.0	16.00	69.00	200.0		
327	1949	04	25	13	54	59.0	19.75	69.00	110.0		7.3 PAS
328	1949	05	21	05	43	51.0	14.50	76.50			
329	1949	05	22	15	25	35.0	7.00	81.50			
330	1949	07	03	21	45	59.0	13.00	76.00			
331	1949	07	13	09	59	17.0	3.00	80.00			
332	1949	07	21	08	01	39.0	15.50	73.00	150.0		6.5 PAS
333	1949	07	28	03	36	36.0	15.50	76.00	60.0		
334	1949	08	05	07	49	29.0	6.50	77.00	100.0		
335	1949	08	05	19	08	47.0	1.50	78.25	60.0		6.8 PAS
336	1949	08	07	23	53	52.0	15.00	71.50			
337	1949	08	08	19	07	24.0	16.00	76.00	100.0		
338	1949	08	23	15	13	44.0	16.00	73.00	150.0		
339	1949	09	08	16	02	2.0	15.50	75.50	150.0		
340	1949	09	18	12	45	57.0	18.00	69.00	200.0		
341	1949	11	14	02	10	10.0	2.00	80.00			
342	1949	11	20	04	43	56.0	11.00	75.00			
343	1949	12	03	12	01	54.0	18.00	70.00			
344	1950	01	13	10	10	54.0	18.30	69.20	191.0		

## EARTHQUAKE CATALOG OF PERU

I-9

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
345	1950 02 07	10 35 0.0	16.40	71.00			
346	1950 02 07	21 18 16.0	7.20	74.00	160.0		
347	1950 03 14	03 10 2.0	8.00	74.00	150.0		6.8 PAS
348	1950 03 18	18 19 12.0	17.70	69.20	160.0		
349	1950 04 30	18 21 37.0	10.30	75.40			
350	1950 05 01	00 42 0.0	15.00	76.00			
351	1950 05 12	23 30 1.0	2.00	80.50			
352	1950 05 21	18 37 40.0	13.50	72.00			6.0 PAS
353	1950 05 28	05 06 26.0	0.50	80.80			
354	1950 05 31	09 21 45.0	8.00	74.00	150.0		
355	1950 06 07	16 52 34.0	4.00	76.50	110.0		6.8 PAS
356	1950 06 14	07 59 23.0	14.50	70.00			
357	1950 06 22	20 43 3.0	1.20	78.50	96.0		
358	1950 06 22	22 53 37.0	15.00	70.00			
359	1950 06 30	10 54 12.0	6.20	75.30	96.0		
360	1950 07 09	04 40 4.0	8.00	70.75	650.0		7.0 PAS
361	1950 07 09	09 45 7.0	8.20	71.00	667.0		6.4 PAS
362	1950 07 15	11 42 4.0	11.00	80.00			
363	1950 07 17	08 56 30.0	9.00	78.00			
364	1950 07 21	08 16 28.0	7.50	71.00	650.0		
365	1950 08 14	06 31 35.0	17.40	71.00			
366	1950 08 27	14 26 12.0	8.00	74.50	150.0		
367	1950 09 18	19 36 43.0	8.00	71.00	650.0		6.0 PAS
368	1950 10 05	23 07 49.0	3.40	80.60			
369	1950 10 16	05 25 22.0	5.00	80.00	60.0		
370	1950 10 30	10 22 48.0	17.40	71.00	192.0		
371	1950 12 02	15 19 22.0	8.20	71.00	667.0		6.8 PAS
372	1950 12 02	18 40 38.0	7.50	71.00	650.0		
373	1950 12 10	02 50 42.0	14.25	75.75	80.0		7.0 PAS
374	1950 12 10	09 08 45.0	15.00	77.00			
375	1950 12 11	14 46 41.0	8.00	70.75	650.0		6.3 PAS
376	1950 12 27	04 34 7.0	20.00	70.00	100.0		
377	1950 12 28	14 17 26.0	7.50	71.00	650.0		6.3 PAS
378	1950 12 28	21 06 16.0	14.60	76.30	33.0		
379	1950 12 30	13 02 19.0	1.80	77.70	192.0		
380	1951 01 02	23 12 4.0	9.50	79.50	200.0		
381	1951 03 04	11 17 33.0	15.50	74.00	150.0		6.9 PAS
382	1951 03 11	09 08 14.0	14.00	70.00	200.0		
383	1951 03 13	00 21 9.0	9.00	74.10	96.0		
384	1951 04 03	04 59 34.0	7.00	74.90	150.0		
385	1951 05 08	20 00 51.0	8.30	79.80	64.0		
386	1951 05 16	13 23 11.0	15.00	69.50	192.0		
387	1951 06 12	05 42 35.0	13.10	76.20			

I-10

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
388	1951 06 24	01 44 26.0	8.30	79.80			
389	1951 06 24	02 26 34.0	14.60	76.30			
390	1951 06 28	03 36 52.0	17.00	71.50			
391	1951 07 02	18 13 19.0	10.30	79.50	150.0		
392	1951 07 03	11 24 42.0	16.00	74.50	96.0		
393	1951 08 06	19 29 36.0	2.00	79.00			
394	1951 08 10	00 05 24.0	14.00	77.00			
395	1951 09 20	05 48 13.0	4.20	81.20			
396	1951 09 25	09 08 29.0	19.00	69.00	128.0		
397	1951 10 03	11 07 9.0	18.80	70.50	64.0		
398	1951 10 12	18 22 36.0	2.00	77.00			
399	1951 10 22	10 02 47.0	3.00	76.90	160.0		
400	1951 12 28	15 59 6.0	10.00	71.50	650.0		
401	1951 12 31	12 34 30.0	2.00	78.00			
402	1952 01 15	07 00 51.0	4.20	81.20			
403	1952 02 11	03 52 57.0	16.60	73.60	64.0		
404	1952 02 12	01 58 29.0	8.50	74.00	223.0		
405	1952 02 20	09 10 3.0	16.00	74.50	96.0		
406	1952 02 26	11 31 0.0	14.00	70.50	260.0		
407	1952 03 24	09 57 25.0	1.20	75.80			7.0 PAS
408	1952 03 31	00 50 40.0	6.00	79.50			
409	1952 04 06	18 12 55.0	11.00	78.20			
410	1952 04 08	00 19 7.0	9.00	71.00	603.0		
411	1952 04 21	01 58 25.0	2.75	78.50			
412	1952 05 03	12 14 11.0	14.60	76.30			
413	1952 05 08	09 38 58.0	16.90	70.30	96.0		
414	1952 06 22	04 07 56.0	1.50	80.50			
415	1952 07 12	02 46 30.0	3.80	77.40			
416	1952 08 03	13 13 44.0	12.80	78.50			
417	1952 09 18	01 20 58.0	16.00	76.00			
418	1952 09 20	21 12 24.0	15.50	76.40	33.0		
419	1952 09 24	17 38 42.0	7.10	74.70			
420	1952 10 06	14 07 12.0	10.30	75.40	33.0		
421	1952 10 12	04 28 32.0	17.40	71.00			
422	1952 11 14	11 40 44.0	6.60	76.90			
423	1953 01 02	11 23 0.0	6.00	81.30			
424	1953 01 13	07 37 59.0	2.00	81.00			
425	1953 02 02	15 23 32.0	17.00	75.00			
426	1953 02 14	22 10 21.0	1.80	77.70	192.0		
427	1953 02 15	09 32 25.0	12.00	77.50			
428	1953 03 05	22 49 46.0	14.00	71.50			
429	1953 04 01	10 49 42.0	0.50	80.80			
430	1953 04 01	11 21 24.0	0.50	80.80			



## EARTHQUAKE CATALOG OF PERU

I-11

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
431	1953 04 05	14 29 48.0	9.00	79.00			
432	1953 04 14	13 29 28.0	8.20	71.00	603.0		6.6 PAS
433	1953 04 17	00 02 50.0	5.20	77.20			6.0 PAS
434	1953 06 17	14 08 36.0	15.60	74.60	64.0		
435	1953 06 30	01 15 10.0	11.50	75.50			
436	1953 06 30	13 23 14.0	8.00	76.50			
437	1953 07 02	13 31 20.0	16.00	76.00	33.0		
438	1953 07 02	15 17 58.0	16.25	74.75			
439	1953 07 10	07 20 18.0	16.00	76.00			
440	1953 07 26	13 05 22.0	15.00	75.00	60.0		
441	1953 08 08	09 32 39.0	16.50	74.75			
442	1953 08 16	03 09 55.0	7.10	74.70	160.0		
443	1953 12 12	16 35 10.0	3.50	81.00			
444	1953 12 12	17 31 25.0	3.40	80.60			7.8 PAS
445	1954 01 14	15 09 7.0	7.50	84.00			
446	1954 02 02	04 42 12.0	6.50	81.00			
447	1954 02 12	10 08 46.0	17.50	70.00	150.0		
448	1954 02 14	06 41 44.0	6.50	81.00			
449	1954 02 15	15 40 37.0	6.50	81.00			
450	1954 02 15	19 50 52.0	6.50	81.00			
451	1954 02 26	15 38 15.0	8.50	76.00	150.0		
452	1954 03 10	14 09 7.0	2.00	78.00	100.0		
453	1954 03 16	15 19 1.0	13.50	71.25			
454	1954 03 26	09 39 6.0	2.00	79.50			
455	1954 03 27	18 21 3.0	8.50	74.80	128.0		
456	1954 03 28	19 20 58.0	7.50	73.50	100.0		
457	1954 03 29	13 58 30.0	2.50	78.50	100.0		
458	1954 04 09	06 17 37.0	15.00	69.50	223.0		
459	1954 04 21	20 23 5.0	13.00	77.00	100.0		
460	1954 05 07	00 22 55.0	8.00	74.00	150.0		
461	1954 05 18	05 11 5.0	10.50	75.50			
462	1954 05 29	12 11 37.0	12.00	68.00			
463	1954 05 30	04 41 0.0	11.50	78.00			
464	1954 06 01	20 32 36.0	12.00	74.00			
465	1954 06 15	13 29 59.0	5.00	77.00	100.0		6.6 PAS
466	1954 07 02	09 06 19.0	5.00	77.00			
467	1954 07 26	19 09 0.0	1.50	79.00			
468	1954 07 29	00 14 19.0	18.75	68.75			
469	1954 07 29	03 23 41.0	18.60	69.40	160.0		
470	1954 08 01	06 00 48.0	20.00	69.50	100.0		
471	1954 08 07	09 37 24.0	18.50	69.00	100.0		
472	1954 08 19	15 06 30.0	5.00	79.00			
473	1954 09 08	17 31 1.0	16.60	73.60	128.0		

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
474	1954	09	15	08	38	4.0	4.50	82.00	80.0		
475	1954	10	02	19	48	50.0	10.50	75.00			
476	1954	10	21	20	03	0.0	10.00	75.00	100.0		
477	1954	11	03	22	16	13.0	13.75	74.50			
478	1954	11	15	04	53	39.0	20.00	68.50			
479	1954	11	23	15	52	29.0	19.50	69.00			
480	1954	12	09	14	13	27.0	15.50	76.00			
481	1955	01	03	18	41	57.0	15.00	75.40	64.0		5.9 ROM
482	1955	01	05	12	44	44.0	15.00	76.00			
483	1955	01	05	15	35	8.0	0.00	78.00			
484	1955	01	10	09	38	43.0	0.50	80.00			
485	1955	01	11	00	35	58.0	20.00	69.50			
486	1955	02	07	16	50	42.0	3.50	81.00			
487	1955	02	10	04	06	12.0	11.50	77.50			
488	1955	02	11	12	06	3.0	19.25	68.50	100.0		
489	1955	02	17	08	48	34.0	4.00	79.00			
490	1955	03	09	17	11	23.0	5.00	79.00			
491	1955	04	08	13	11	30.0	2.00	80.00			
492	1955	04	09	15	21	41.0	10.00	75.00	100.0		
493	1955	04	22	11	03	35.0	0.00	81.00			
494	1955	05	03	12	50	5.0	8.50	79.50			
495	1955	05	11	11	04	0.0	0.00	78.00			6.8 PAS
496	1955	05	19	07	07	17.0	19.20	69.20	128.0		
497	1955	05	21	15	17	6.0	3.50	81.50			
498	1955	05	22	23	45	17.0	11.00	74.00	100.0		
499	1955	06	03	11	11	15.0	9.00	74.00	150.0		
500	1955	06	21	21	35	7.0	7.00	80.50			
501	1955	07	16	13	31	43.0	14.00	78.50			
502	1955	07	21	11	45	40.0	15.00	74.00	100.0		6.8 PAS
503	1955	08	10	07	45	49.0	4.00	80.00	100.0		
504	1955	08	17	10	42	37.0	8.50	76.00	150.0		
505	1955	08	19	07	44	44.0	8.00	79.50	60.0		
506	1955	08	19	16	28	50.0	9.00	71.00	650.0		
507	1955	08	27	02	46	30.0	19.00	69.50			
508	1955	08	29	23	12	3.0	11.00	76.50			
509	1955	09	01	15	33	29.0	3.50	77.00			
510	1955	09	11	01	49	51.0	4.00	77.00			
511	1955	12	12	02	32	58.0	19.50	70.00			
512	1955	12	31	05	00	6.0	18.00	69.50			
513	1956	01	08	20	54	13.0	19.00	70.00			7.1 PAS
514	1956	01	12	04	38	0.0	19.00	70.00			
515	1956	01	16	23	37	37.0	0.50	80.50			7.3 PAS
516	1956	02	04	02	55	2.0	0.00	81.00			

## EARTHQUAKE CATALOG OF PERU

1-13

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
517	1956	02	10	12	38	35.0	11.50	79.00	150.0		
518	1956	02	15	12	50	12.0	8.50	74.50			
519	1956	02	18	01	37	16.0	10.00	79.00			
520	1956	02	18	10	24	20.0	5.00	79.50			
521	1956	02	18	17	48	40.0	8.50	79.50			
522	1956	03	12	02	15	57.0	11.00	76.50	100.0		6.5 PAS
523	1956	03	15	20	16	30.0	20.00	69.50			
524	1956	03	22	06	33	55.0	3.50	79.00			
525	1956	05	03	02	11	17.0	16.00	74.00			
526	1956	05	15	08	13	2.0	13.50	77.00			
527	1956	05	15	12	33	19.0	6.00	82.00	100.0		
528	1956	05	17	05	59	57.0	16.50	72.00			
529	1956	05	29	17	48	26.0	14.50	72.50			
530	1956	06	10	15	19	40.0	18.00	74.50			
531	1956	07	20	07	39	10.0	20.00	70.00			
532	1956	07	22	09	25	8.0	19.00	69.00	100.0		6.1 PAS
533	1956	07	28	11	21	43.0	0.00	80.50			
534	1956	08	17	05	53	25.0	7.00	80.00			
535	1956	08	23	13	48	26.0	15.27	68.67			
536	1956	08	31	18	22	53.0	13.00	77.00			
537	1956	09	15	07	39	4.0	20.00	69.00	100.0		6.8 PAS
538	1956	09	29	11	31	40.0	12.00	78.00			
539	1956	10	12	02	37	44.0	15.50	75.28			
540	1956	10	19	01	28	53.0	11.50	76.00			
541	1956	10	29	15	42	8.0	8.50	77.00			
542	1956	11	16	22	02	19.0	18.00	69.00	150.0		
543	1956	11	25	14	15	10.0	17.00	71.50			
544	1956	12	01	21	24	54.0	17.50	72.50			
545	1957	01	03	02	42	0.0	20.00	69.00			
546	1957	01	14	05	36	3.0	20.00	69.00			
547	1957	01	15	04	09	15.0	2.00	76.50	100.0		6.3 PAS
548	1957	01	24	07	16	29.0	12.50	78.00			
549	1957	02	15	07	33	10.0	14.00	71.00			
550	1957	02	18	23	49	52.0	11.50	78.00			
551	1957	02	20	05	17	18.0	16.00	72.00			
552	1957	02	21	20	04	47.0	15.75	75.75	150.0		
553	1957	03	12	21	22	58.0	1.59	80.15			
554	1957	04	13	15	39	43.0	19.00	69.50			
555	1957	04	25	04	17	55.0	0.75	78.75			
556	1957	05	19	05	19	32.0	13.75	76.75			
557	1957	05	19	22	41	3.0	8.00	74.00	200.0		
558	1957	06	12	10	02	37.0	11.00	78.00			
559	1957	08	01	12	46	23.0	18.00	70.00			

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
560	1957	08	07	08	49	24.0	5.00	81.00			
561	1957	08	26	13	58	48.0	2.00	81.00			6.0 PAS
562	1957	09	06	00	17	55.0	20.00	68.00	100.0		
563	1957	09	10	14	43	5.0	1.50	80.00	400.0		
564	1957	09	14	17	06	49.0	1.50	80.50			
565	1957	09	29	19	53	30.0	13.00	77.00			
566	1957	10	01	23	20	50.0	7.00	74.00			
567	1957	10	20	02	54	48.0	14.50	76.00			
568	1957	11	28	03	07	55.0	10.00	75.50	600.0		
569	1957	12	15	22	18	25.0	14.50	73.00			
570	1958	01	07	02	56	19.0	18.50	69.00	150.0		
571	1958	01	13	09	39	58.0	20.00	69.50			
572	1958	01	13	13	09	40.0	20.00	69.50			
573	1958	01	15	19	14	29.0	16.50	72.00	60.0		7.3 PAS
574	1958	02	21	03	18	25.0	16.00	74.50			
575	1958	02	26	19	51	34.0	2.50	78.50			
576	1958	03	01	09	05	40.0	13.50	76.50			
577	1958	03	03	19	09	46.0	6.00	74.00			
578	1958	03	04	01	50	9.0	0.50	81.00			
579	1958	03	07	00	59	18.0	3.50	81.00			
580	1958	03	11	21	38	56.0	16.00	72.00			
581	1958	04	21	12	15	28.0	8.00	74.00	150.0		6.5 PAS
582	1958	04	28	11	47	40.0	11.00	74.00			
583	1958	05	11	07	43	19.0	9.25	81.25			
584	1958	05	12	21	12	16.0	6.50	75.50	150.0		
585	1958	05	13	13	38	40.0	20.00	68.00			
586	1958	05	17	18	23	12.0	1.50	79.00			
587	1958	05	25	21	11	42.0	3.12	78.09	29.0		6.5 PAS
588	1958	05	26	08	49	43.0	3.24	78.06	27.0		
589	1958	05	26	09	06	51.0	3.50	78.50			
590	1958	05	30	21	14	12.0	19.50	68.50			
591	1958	06	01	10	40	17.0	18.00	69.00	150.0		
592	1958	06	03	15	55	28.0	3.00	77.00			
593	1958	06	08	15	52	23.0	16.00	75.00			
594	1958	06	16	14	56	58.0	7.50	80.00			
595	1958	06	29	03	25	42.0	15.50	70.50	150.0		6.5 BRK
596	1958	07	18	01	47	21.0	4.00	78.00	100.0		
597	1958	07	26	17	37	9.0	13.50	69.00	620.0		7.5 PAS
598	1958	07	26	18	04	42.0	12.50	68.00	650.0		
599	1958	08	06	02	49	12.0	20.00	70.00			
600	1958	08	18	23	26	41.0	9.50	73.75	200.0		
601	1958	09	18	21	24	42.0	9.50	80.00			
602	1958	09	22	11	32	54.0	1.50	77.00	200.0		

## EARTHQUAKE CATALOG OF PERU

I-15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
603	1958	10	07	15	24	27.0	16.00	69.00	200.0		
604	1958	10	12	01	35	27.0	6.00	74.50	150.0		
605	1958	10	14	23	22	54.0	20.00	68.50	300.0		
606	1958	11	01	15	22	55.0	15.00	72.00			
607	1958	11	05	08	00	11.0	19.50	69.00	150.0		
608	1958	11	23	03	20	52.0	2.50	79.00			
609	1958	12	19	11	14	40.0	16.00	72.00	100.0		
610	1959	01	02	10	17	57.0	5.25	82.50			
611	1959	01	03	04	15	47.0	15.00	75.00			
612	1959	01	03	11	17	39.0	14.84	75.70			6.4 MAT
613	1959	01	13	19	06	40.0	16.50	71.50	150.0		
614	1959	01	26	17	46	51.0	1.00	77.00	200.0		
615	1959	01	26	20	58	50.0	4.50	82.50			
616	1959	01	30	00	13	48.0	11.50	74.50	60.0		
617	1959	02	07	09	36	54.0	3.70	81.71			7.4 PAS
618	1959	02	11	19	57	5.0	4.00	82.50			
619	1959	02	15	23	26	17.0	1.50	81.50			
620	1959	02	16	00	39	32.0	1.36	81.25			
621	1959	02	16	00	53	54.0	1.00	81.50			
622	1959	02	16	01	14	52.0	1.00	81.50			
623	1959	02	17	02	51	56.0	1.00	80.50			
624	1959	03	04	10	56	42.0	20.00	68.00			
625	1959	03	08	23	02	42.0	11.50	75.50			
626	1959	03	13	13	19	36.0	15.00	71.00			
627	1959	03	18	14	56	5.0	8.00	73.50	150.0		
628	1959	03	25	00	11	15.0	5.00	78.50			
629	1959	04	03	19	33	50.0	4.00	81.00			
630	1959	04	21	16	36	42.0	18.50	71.50			
631	1959	04	25	20	33	36.0	8.00	76.00			
632	1959	04	26	05	21	38.0	8.50	75.25			
633	1959	05	05	05	30	15.0	9.00	78.50			
634	1959	05	14	19	59	0.0	20.00	68.00	200.0		
635	1959	05	29	04	52	6.0	7.00	81.00			
636	1959	06	08	14	12	5.0	14.50	76.00	60.0		
637	1959	06	12	21	11	54.0	17.50	76.00			
638	1959	06	12	22	25	55.0	12.50	77.00			
639	1959	06	13	22	16	24.0	17.00	72.50			
640	1959	06	14	21	41	53.0	13.00	77.00			
641	1959	06	22	03	22	51.0	4.00	81.00			
642	1959	07	01	10	32	29.0	16.50	69.50	200.0		
643	1959	07	03	03	51	6.0	14.50	74.00	100.0		
644	1959	07	05	15	53	37.0	8.00	74.00	200.0		
645	1959	07	06	08	28	20.0	15.50	75.00			

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
646	1959 07 09	02 32 40.0	20.00	72.00			
647	1959 07 10	04 11 40.0	19.00	69.00			
648	1959 07 19	15 06 10.0	15.00	70.50	200.0		7.0 PAS
649	1959 07 19	15 36 17.0	15.50	71.00	200.0		
650	1959 07 31	01 51 45.0	18.50	71.00	150.0		
651	1959 08 08	02 54 53.0	14.00	76.00			
652	1959 08 12	02 00 52.0	3.00	80.50			
653	1959 08 15	18 28 57.0	8.00	79.50			
654	1959 08 22	21 28 2.0	17.50	69.50	150.0		
655	1959 08 28	07 19 12.0	9.00	75.00			
656	1959 09 01	00 52 3.0	11.29	74.54			
657	1959 09 12	01 41 3.0	20.00	68.00	150.0		
658	1959 10 12	03 43 44.0	19.00	68.50	150.0		
659	1959 10 13	20 52 25.0	9.00	79.50			
660	1959 10 30	05 20 36.0	4.00	80.50			
661	1959 12 02	07 02 52.0	9.00	80.00			
662	1959 12 24	12 29 30.0	13.00	77.00			
663	1959 12 24	12 50 35.0	13.50	74.50			
664	1960 01 02	03 21 52.0	15.50	68.00	150.0		6.3 PAS
665	1960 01 04	15 05 39.0	5.50	77.50			
666	1960 01 05	05 13 48.0	19.00	69.50			
667	1960 01 13	15 40 34.0	16.00	72.00	200.0		7.5 PAS
668	1960 01 15	09 30 24.0	15.00	75.00	150.0		7.0 PAS
669	1960 01 17	02 57 58.0	14.50	74.50	150.0		6.3 PAS
670	1960 01 23	03 37 32.0	12.50	68.50			
671	1960 01 30	05 07 24.0	5.50	77.50			
672	1960 02 08	19 06 16.0	8.50	74.50	200.0		
673	1960 02 13	20 40 6.0	17.50	70.00	150.0		
674	1960 02 14	18 20 46.0	6.00	75.50	150.0		
675	1960 03 09	23 54 25.0	16.50	72.50	150.0		6.1 PAS
676	1960 04 01	13 18 23.0	14.50	73.50	100.0		
677	1960 04 06	02 05 6.0	20.00	68.50			
678	1960 04 29	12 47 16.0	1.00	78.50			
679	1960 05 04	01 28 52.0	18.00	71.50	100.0		
680	1960 05 06	18 53 59.0	7.50	74.50	60.0		
681	1960 05 12	12 09 24.0	9.00	72.50	60.0		
682	1960 05 28	08 19 4.0	19.50	68.50	150.0		
683	1960 06 21	14 05 57.0	2.00	80.50			
684	1960 07 04	08 02 7.0	8.00	71.00	600.0		
685	1960 07 05	21 15 9.0	8.00	71.50	600.0		
686	1960 07 09	02 05 39.0	15.00	70.50	200.0		
687	1960 07 13	21 45 9.0	9.50	75.00	150.0		
688	1960 07 19	04 19 14.0	7.00	80.00			

## EARTHQUAKE CATALOG OF PERU

I-17

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
689	1960	07	30	02 04 48.0	1.50	79.00			
690	1960	07	30	07 15 15.0	2.50	77.50	200.0		
691	1960	08	16	02 47 17.7	16.60	71.40	110.0		
692	1960	08	25	12 03 19.2	18.10	69.40	32.0		
693	1960	08	25	17 20 24.9	6.40	81.10	71.0		
694	1960	08	28	00 05 24.6	16.60	74.20	46.0		
695	1960	09	10	05 17 24.0	2.50	82.00			
696	1960	09	13	21 55 34.1	5.00	74.50	119.0		
697	1960	09	14	00 08 3.0	15.20	76.20	91.0		
698	1960	09	24	13 58 33.6	3.00	75.90	146.0		
699	1960	09	26	16 58 13.9	16.00	72.90	115.0		
700	1960	09	28	00 05 28.9	16.60	73.90	112.0		
701	1960	09	29	06 27 56.3	17.40	68.50	115.0		
702	1960	10	01	09 28 56.3	19.90	69.60	158.0		
703	1960	10	21	04 18 44.4	7.20	73.80	100.0		
704	1960	11	03	22 02 19.2	14.40	71.60	55.0		
705	1960	11	11	06 53 27.0	16.10	71.90	114.0		
706	1960	11	20	10 49 13.4	8.40	77.60	55.0		
707	1960	11	20	22 01 56.4	6.80	81.00	55.0		6.8 PAS
708	1960	11	21	04 21 48.6	6.50	80.70	73.0		
709	1960	11	22	02 32 21.8	7.10	80.80	51.0		
710	1960	11	25	03 27 59.0	7.30	81.40	27.0		
711	1960	11	27	01 40 24.1	7.70	81.50	25.0		
712	1960	11	29	19 17 6.0	16.00	74.00			
713	1960	12	10	06 05 36.0	0.00	82.00			
714	1960	12	17	07 38 31.1	15.20	73.50	28.0		
715	1960	12	22	03 47 21.7	16.20	72.90	147.0		
716	1960	12	23	14 34 37.9	4.80	75.60	82.0		
717	1960	12	24	23 18 27.9	3.70	78.00	23.0		
718	1960	12	25	11 11 50.0	8.00	82.50	50.0		
719	1960	12	27	18 09 41.6	13.80	74.30	82.0		
720	1960	12	29	11 04 20.4	10.20	75.90	35.0		
721	1960	12	29	19 01 38.1	18.90	69.40	39.0		
722	1960	12	30	11 03 36.8	17.00	70.00	47.0		
723	1961	01	08	05 21 46.7	15.90	73.10	135.0		
724	1961	01	25	03 46 46.2	0.00	80.20	22.0		
725	1961	01	25	18 24 46.7	8.50	74.00	210.0		
726	1961	01	26	17 45 42.9	12.30	78.10	60.0		
727	1961	01	28	03 24 46.9	13.60	76.30	86.0		5.8 UPP
728	1961	02	02	09 42 15.4	2.80	77.80	25.0N		
729	1961	02	04	01 13 7.0	18.30	69.50	158.0		
730	1961	02	06	10 30 3.5	19.40	69.20	120.0		
731	1961	02	08	08 04 13.4	10.40	71.00	600.0		5.8 PAS

I-18

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
732	1961	02	10	08	49	14.1	11.60	73.10	35.0		
733	1961	02	20	22	26	59.1	2.40	77.60	25.0N		
734	1961	02	24	08	16	11.3	18.20	69.70	121.0		
735	1961	03	09	11	35	42.2	14.20	75.10	25.0N		
736	1961	03	16	23	31	27.2	10.50	74.90	201.0		
737	1961	03	17	03	39	27.2	18.00	69.00	234.0		
738	1961	03	17	10	06	28.1	11.10	78.80	60.0		
739	1961	03	24	02	13	14.1	8.50	74.70	175.0		
740	1961	03	25	02	10	13.2	2.10	78.70	132.0		
741	1961	04	02	11	14	28.1	8.60	75.00	115.0		
742	1961	04	08	03	06	49.9	2.60	81.00	25.0N		
743	1961	04	08	04	22	8.7	2.20	79.20	25.0N		
744	1961	04	08	04	47	1.8	2.20	79.20	25.0N		
745	1961	04	08	09	03	48.9	2.10	79.10	24.0		
746	1961	04	09	17	17	47.6	18.30	70.20	29.0		
747	1961	04	19	11	03	55.4	19.60	69.70	106.0		
748	1961	04	22	19	01	34.4	2.80	80.80	30.0		5.8 MAT
749	1961	04	27	17	52	14.2	13.20	75.10	83.0		
750	1961	05	04	20	20	36.5	5.10	81.00	49.0		
751	1961	05	06	03	55	23.3	20.00	68.50	247.0		
752	1961	05	08	18	32	3.5	10.90	75.10	60.0		
753	1961	05	21	08	34	0.3	10.80	77.90	80.0		
754	1961	05	21	17	41	28.2	3.10	80.90	27.0		6.5 PAL
755	1961	05	26	08	42	16.1	10.20	70.80	650.0		
756	1961	05	26	10	23	12.5	10.10	71.30	663.0		
757	1961	06	02	18	26	12.6	3.00	80.40	37.0		
758	1961	06	03	04	21	56.2	18.10	70.30	60.0		
759	1961	06	17	10	56	30.3	12.00	75.30	29.0		5.0 PAL
760	1961	06	22	07	43	51.6	19.10	70.80	76.0		
761	1961	06	27	03	07	47.8	8.60	74.40	170.0		
762	1961	06	27	05	39	57.7	8.60	76.10	33.0N		
763	1961	06	28	02	06	10.2	11.50	74.00	25.0N		
764	1961	07	01	13	10	40.9	15.30	74.80	68.0		5.5 MAT
765	1961	07	03	08	26	13.4	2.80	79.70	33.0N		
766	1961	07	03	14	49	30.3	8.70	79.10	57.0		
767	1961	07	08	05	49	2.0	6.20	77.10	15.0		
768	1961	07	10	03	49	56.4	19.30	68.40	117.0		
769	1961	07	24	01	53	29.9	2.10	79.40	33.0N		
770	1961	07	24	02	07	18.6	1.60	78.30	30.0		
771	1961	07	25	02	48	13.4	8.90	71.40	593.0		
772	1961	07	27	06	09	25.9	18.40	70.20	47.0		
773	1961	07	28	01	05	30.0	2.20	77.10	136.0		6.3 PAS
774	1961	07	30	07	25	46.8	5.40	78.70	42.0		



## EARTHQUAKE CATALOG OF PERU

I-19

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
775	1961	08	05	09 27 45.5	18.90	68.20	113.0		
776	1961	08	14	01 56 56.2	3.40	81.30	35.0		
777	1961	08	17	17 49 43.3	17.40	72.70	46.0		
778	1961	08	19	05 09 49.5	10.80	71.00	649.0		7.0 PAS
779	1961	08	19	16 01 26.3	11.50	70.80	610.0		
780	1961	08	20	00 07 24.0	10.40	70.60	614.0		
781	1961	08	20	09 10 11.4	11.50	70.60	630.0		
782	1961	08	28	06 28 19.4	15.20	70.20	185.0		
783	1961	08	28	10 40 20.2	17.00	70.70	120.0		
784	1961	08	28	21 27 16.9	14.10	73.90	100.0		
785	1961	08	30	03 45 28.0	3.90	77.80	33.0N		
786	1961	08	30	17 42 30.3	15.70	69.40	250.0		
787	1961	08	31	01 48 37.5	10.70	70.90	626.0		7.1 PAS
788	1961	08	31	01 57 8.0	10.50	70.70	629.0		7.5 PAS
789	1961	08	31	14 58 59.0	9.60	78.70	60.0		
790	1961	09	05	13 37 33.2	16.40	72.60	79.0		
791	1961	09	06	15 30 20.4	10.90	79.10	45.0		
792	1961	09	08	05 57 37.5	1.80	81.40	33.0N		
793	1961	09	08	06 07 52.4	1.50	80.90	33.0N		
794	1961	09	12	11 18 25.3	11.10	70.60	543.0		
795	1961	09	16	20 02 47.8	10.70	69.80	629.0		
796	1961	09	18	04 52 30.9	0.40	80.40	16.0		
797	1961	09	25	01 22 31.3	15.80	73.70	96.0		
798	1961	10	02	21 28 11.5	19.50	69.50	100.0		
799	1961	10	06	09 02 42.6	18.20	69.50	184.0		
800	1961	10	07	09 55 55.4	0.40	80.40	56.0		
801	1961	10	11	12 28 35.2	13.30	75.70	137.0		
802	1961	10	14	21 18 3.4	0.90	80.30	25.0N		
803	1961	10	17	00 16 16.7	13.70	76.10	42.0		
804	1961	10	25	08 54 34.6	9.60	78.40	110.0		
805	1961	10	28	05 30 4.5	9.30	80.00	33.0N		
806	1961	11	06	05 13 19.9	13.30	76.70	80.0		
807	1961	11	10	02 07 34.7	14.30	71.90	68.0		
808	1961	11	11	21 46 59.5	8.10	75.00	117.0		
809	1961	11	14	13 11 14.1	19.50	69.60	121.0		
810	1961	11	18	10 34 5.8	8.80	74.70	50.0		
811	1961	11	23	11 17 27.7	5.60	80.30	61.0		
812	1961	11	29	20 38 9.2	7.20	76.40	33.0N		
813	1961	12	09	03 58 55.4	14.90	75.70	39.0		5.0 PAL
814	1961	12	17	21 32 3.1	14.40	75.50	84.0		
815	1961	12	23	21 18 12.5	19.90	68.30	215.0		
816	1961	12	24	14 25 30.6	5.70	80.90	33.0N		5.9 MAT
817	1961	12	24	17 15 44.4	5.80	81.00	33.0N		

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr mo dy	hr mn sec				mb	Ms
818	1962 01 02	05 23 41.5	18.10	70.60	77.0		
819	1962 01 03	08 53 16.2	18.70	71.00	77.0		
820	1962 01 08	10 44 22.3	4.10	77.40	100.0		
821	1962 01 10	02 55 1.2	17.10	68.00	208.0		
822	1962 01 25	07 26 4.6	15.70	69.60	190.0		
823	1962 01 29	08 07 22.0	9.30	79.10	100.0		
824	1962 02 03	20 02 25.0	12.90	79.90	33.0		
825	1962 02 27	00 04 43.5	6.20	77.00	61.0		
826	1962 02 27	14 03 31.5	18.90	68.40	188.0		
827	1962 02 28	13 44 42.0	8.90	75.80	33.0		
828	1962 02 28	18 32 12.6	19.70	68.80	143.0		
829	1962 03 01	02 12 37.3	15.70	74.30	64.0		
830	1962 03 04	00 41 42.0	10.60	75.20	33.0		
831	1962 03 12	01 52 37.0	13.90	72.60	91.0		
832	1962 03 12	16 57 46.8	2.90	80.20	25.0		
833	1962 03 14	12 24 16.5	8.20	75.00	140.0		
834	1962 03 19	14 00 8.9	2.30	77.10	119.0		
835	1962 03 19	21 04 16.6	16.80	73.50	33.0		
836	1962 03 21	06 11 24.0	4.40	80.70	58.0		
837	1962 03 22	20 50 36.9	14.90	70.70	119.0		
838	1962 04 03	01 21 34.8	9.60	74.70	125.0		
839	1962 04 07	02 10 2.2	6.30	79.90	25.0		
840	1962 04 18	19 14 37.2	10.00	79.00	39.0	6.7	
841	1962 04 19	02 18 55.9	9.80	78.90	23.0		
842	1962 04 19	20 18 20.5	9.40	79.00	25.0		
843	1962 04 24	16 06 23.7	2.20	76.10	175.0		
844	1962 05 04	23 08 5.3	0.90	80.80	74.0		
845	1962 05 19	23 56 32.4	13.40	76.70	70.0		
846	1962 05 25	14 49 11.2	2.50	79.10	79.0		
847	1962 06 04	16 53 11.4	16.70	73.20	65.0		
848	1962 06 14	20 18 6.2	1.90	76.90	160.0		
849	1962 06 16	14 13 34.3	9.70	79.10	31.0		
850	1962 06 21	15 40 23.4	1.20	77.40	194.0		
851	1962 07 08	02 25 55.8	14.40	75.50	88.0		
852	1962 07 08	05 29 12.0	2.60	78.00	21.0		
853	1962 07 10	19 21 36.9	6.50	75.20	46.0		
854	1962 07 13	22 55 48.4	11.90	75.10	91.0		
855	1962 07 15	14 43 50.1	9.30	78.90	80.0		
856	1962 07 16	04 49 21.5	11.20	79.80	75.0		
857	1962 07 25	00 11 52.2	14.40	76.10	46.0		
858	1962 07 25	06 05 15.9	14.30	75.50	100.0		
859	1962 07 25	06 55 56.7	16.30	75.00	33.0		
860	1962 07 26	02 33 17.8	4.70	80.90	33.0		

## EARTHQUAKE CATALOG OF PERU

1-21

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	(deg)	(deg)	(km)	mb	Ms
861	1962 07 28	02 32 26.0	4.10	79.70	110.0		
862	1962 07 30	06 58 35.6	2.50	77.00	146.0		
863	1962 08 17	07 26 33.4	4.70	79.40	96.0		
864	1962 08 24	13 15 37.0	17.50	70.40	92.0		
865	1962 08 29	12 23 20.8	8.00	73.60	165.0		
866	1962 08 30	06 22 27.6	17.40	69.80	145.0		
867	1962 09 09	03 21 55.5	15.60	73.40	98.0		
868	1962 09 20	06 03 23.7	4.50	80.50	17.0		
869	1962 09 20	09 25 26.7	15.50	76.10	33.0		
870	1962 09 22	16 45 31.0	15.50	73.10	137.0		
871	1962 09 26	15 42 49.6	15.20	72.40	276.0		
872	1962 09 27	12 30 53.0	18.40	68.70	59.0		
873	1962 09 28	22 14 52.7	13.80	76.70	61.0		
874	1962 09 29	05 21 49.6	20.00	68.00	26.0		
875	1962 09 29	07 58 20.7	17.10	70.50	33.0		
876	1962 10 06	14 05 24.0	1.50	77.40	149.0		
877	1962 10 10	11 42 35.1	3.10	78.40	33.0		
878	1962 10 11	05 41 10.1	6.50	81.00	33.0		
879	1962 10 11	06 22 50.6	1.30	80.40	75.0		
880	1962 10 12	00 10 4.8	4.10	80.30	195.0		
881	1962 10 20	06 33 29.2	17.20	69.70	153.0		
882	1962 11 01	11 31 48.7	1.50	77.80	181.0		
883	1962 11 06	12 23 22.7	4.00	79.80	84.0		
884	1962 11 08	00 02 10.0	15.10	75.40	44.0		
885	1962 11 11	03 52 19.4	1.20	78.80	59.0		
886	1962 11 15	23 25 15.7	8.70	79.80	45.0		6.0 PAS
887	1962 11 16	06 39 8.2	1.00	78.60	33.0		
888	1962 11 22	06 53 35.8	1.70	76.90	166.0		
889	1962 11 23	00 30 5.3	15.10	75.60	33.0		
890	1962 11 23	00 44 50.6	15.30	76.00	36.0		
891	1962 11 25	12 48 44.3	11.90	77.30	33.0		
892	1962 12 05	11 38 10.6	10.30	77.90	50.0		
893	1962 12 21	21 27 51.6	0.90	80.90	33.0		
894	1962 12 22	06 35 57.1	1.10	81.00	33.0		
895	1962 12 24	17 43 5.3	8.40	78.70	80.0		
896	1963 01 05	11 05 8.2	7.40	73.40	178.0		
897	1963 01 05	17 43 33.1	7.10	71.60	546.0		
898	1963 01 06	06 17 25.7	2.00	80.80	32.0		
899	1963 01 16	20 20 51.4	3.90	76.80	102.0		
900	1963 01 17	04 22 19.3	10.70	79.00	21.0		
901	1963 01 17	19 30 59.9	8.30	75.10	124.0		
902	1963 01 22	08 32 35.2	11.60	75.00	47.0		
903	1963 01 28	02 12 13.3	11.20	76.90	110.0		

I-22

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	(deg)	(deg)	(km)	mb	Ms
904	1983 02 03	11 18 9.3	9.10	77.10	33.0		
905	1983 02 08	22 40 37.2	15.40	72.30	281.0		
906	1983 02 16	21 32 22.2	8.50	80.10	33.0	4.8	
907	1983 02 24	05 38 19.1	15.10	72.50	97.0	5.0	
908	1983 02 27	00 10 1.3	1.20	79.00	33.0	4.3	
909	1983 02 27	11 00 42.8	15.10	73.60	105.0	5.2	
910	1983 02 27	21 11 32.4	6.30	81.00	33.0		
911	1983 03 04	15 43 2.2	4.50	81.60	23.0	5.3	
912	1983 03 04	18 31 51.0	15.80	75.30	40.0	4.9	
913	1983 03 05	07 05 0.4	4.50	81.50	22.0	5.6	
914	1983 03 23	07 57 35.4	10.50	71.00	600.0		
915	1983 03 30	09 23 13.9	1.50	77.70	154.0	4.5	
916	1983 03 30	16 11 46.0	6.30	80.60	21.0	3.9	
917	1983 03 31	04 45 59.7	6.60	81.20	31.0	5.2	
918	1983 03 31	05 51 0.5	10.80	78.50	32.0	5.5	
919	1983 04 03	01 35 59.3	4.80	78.40	33.0		
920	1983 04 04	08 26 26.5	16.30	73.00	95.0	4.6	
921	1983 04 06	00 42 59.7	18.00	69.90	159.0	4.3	
922	1983 04 13	02 20 57.9	6.30	76.70	125.0	6.1	
923	1983 04 26	05 37 29.5	16.60	73.70	9.0		6.9 PAS
924	1983 04 26	16 44 14.6	18.20	69.30	131.0	4.5	
925	1983 04 28	05 22 5.0	11.70	78.10	10.0	5.2	
926	1983 04 30	18 43 7.0	8.30	80.00	9.0	5.1	
927	1983 05 10	13 05 22.5	8.00	74.40	143.0	4.4	
928	1983 05 10	22 22 42.7	2.10	77.60	30.0	5.8	
929	1983 05 11	21 03 56.5	2.90	79.20	33.0	4.2	
930	1983 05 12	11 00 50.1	2.70	77.00	115.0	4.0	
931	1983 05 17	14 11 5.7	14.10	73.90	94.0	4.9	
932	1983 05 19	23 31 25.3	17.70	69.40	137.0	5.2	
933	1983 05 23	03 57 43.8	1.60	80.80	90.0	4.6	
934	1983 05 26	12 43 46.0	16.90	72.40	47.0	4.6	
935	1983 05 26	19 13 39.6	5.50	81.20	33.0	4.7	
936	1983 05 31	04 39 14.8	17.90	68.30	57.0	4.8	
937	1983 06 01	14 37 1.7	15.10	72.00	123.0		
938	1983 06 08	08 57 24.9	2.30	77.80	33.0	4.4	
939	1983 06 18	15 39 55.4	5.30	78.50	33.0	4.4	
940	1983 06 20	10 23 18.4	7.60	74.70	133.0	3.9	
941	1983 06 20	20 42 17.1	2.30	77.50	33.0	4.1	
942	1983 06 21	12 13 13.8	4.90	81.20	45.0	4.1	
943	1983 06 24	01 21 3.5	15.30	69.40	179.0	4.0	
944	1983 06 25	10 45 31.8	15.90	75.20	33.0	4.2	
945	1983 06 27	13 15 15.7	11.70	77.60	33.0	4.2	
946	1983 06 30	11 09 49.8	7.30	75.20	43.0	4.3	

## EARTHQUAKE CATALOG OF PERU

I-23

NO.	DATE <i>yr mo dy</i>	TIME <i>hr mn sec</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	DEP <i>(km)</i>	MAGNITUDE	
						mb	Ms
947	1963 08 30	12 43 58.5	8.80	77.90	94.0	4.2	
948	1963 07 02	02 52 53.0	2.40	77.80	33.0	4.6	
949	1963 07 02	13 27 34.3	14.70	70.50	159.0	3.9	
950	1963 07 05	05 48 13.4	11.60	77.50	55.0	5.8	
951	1963 07 05	14 29 24.8	3.20	77.80	65.0	4.2	
952	1963 07 10	11 47 35.1	16.30	72.20	90.0	4.1	
953	1963 07 18	05 25 4.3	18.50	69.30	72.0	4.9	
954	1963 07 22	13 45 41.2	3.20	76.00	149.0	3.8	
955	1963 07 22	16 33 22.2	12.50	73.70	79.0	4.5	
956	1963 07 25	20 31 17.7	2.40	77.80	33.0	4.0	
957	1963 07 26	23 48 26.5	9.70	78.50	62.0	4.9	
958	1963 07 28	09 37 18.2	19.20	71.90	110.0	4.3	
959	1963 07 30	17 24 34.9	15.70	71.10	219.0	3.7	
960	1963 08 01	18 30 26.3	15.00	71.80	100.0	4.1	
961	1963 08 04	12 07 24.4	4.10	80.90	34.0	4.7	
962	1963 08 05	08 46 59.7	9.90	79.00	31.0	4.8	
963	1963 08 11	06 30 36.5	1.00	78.90	33.0	4.0	
964	1963 08 13	12 39 55.3	3.10	80.40	66.0	4.3	
965	1963 08 15	14 36 1.2	10.00	78.60	80.0	4.4	
966	1963 08 15	17 25 5.9	13.80	69.30	543.0	6.0	7.8 PAS
967	1963 08 18	23 07 54.2	14.20	71.90	31.0	4.6	
968	1963 08 20	20 14 31.4	0.00	80.90	64.0	4.2	
969	1963 08 22	15 53 56.3	14.50	71.80	284.0	3.5	
970	1963 08 27	12 56 55.2	17.70	70.10	188.0	4.2	
971	1963 08 29	15 30 31.4	7.10	81.60	23.0	6.1	
972	1963 08 31	10 30 30.1	15.90	74.40	53.0	4.1	
973	1963 09 02	04 10 18.4	14.10	76.40	41.0	4.5	
974	1963 09 10	07 36 8.7	14.60	73.60	176.0	4.0	
975	1963 09 17	02 22 49.1	15.30	72.60	143.0	3.5	
976	1963 09 17	05 54 33.7	10.60	78.20	61.0	5.5	
977	1963 09 17	07 34 38.7	1.50	77.90	178.0	4.0	
978	1963 09 19	00 06 43.0	2.60	78.00	33.0	4.3	
979	1963 09 19	21 10 17.8	18.10	69.30	174.0	4.2	
980	1963 09 20	02 21 29.1	17.40	69.60	154.0	3.7	
981	1963 09 20	04 00 36.1	11.30	77.60	33.0	4.5	
982	1963 09 20	22 11 32.2	17.80	68.80	171.0	5.1	
983	1963 09 23	21 11 28.6	16.10	71.90	126.0	3.8	
984	1963 09 24	16 30 18.0	10.60	78.00	80.0	6.0	
985	1963 10 02	15 51 48.2	1.70	76.00	176.0	3.7	
986	1963 10 06	12 10 47.8	9.00	75.00	82.0	4.1	
987	1963 10 08	20 45 42.1	15.40	69.90	230.0	3.7	
988	1963 10 07	12 43 53.6	12.90	76.80	69.0	5.4	
989	1963 10 08	06 25 7.9	6.60	71.60	557.0	3.7	

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
990	1963	10	12	12 15 20.5	17.00	69.50	170.0	3.8	
991	1963	10	14	05 39 17.1	2.30	77.80	33.0	4.7	
992	1963	10	19	02 14 17.4	18.30	71.20	78.0	4.5	
993	1963	10	22	04 18 14.5	16.00	70.50	240.0	3.9	
994	1963	10	26	12 56 46.8	2.70	77.80	33.0	4.2	
995	1963	10	27	07 45 26.3	14.70	71.70	121.0	4.2	
996	1963	10	28	02 50 30.1	13.60	76.90	38.0	4.1	
997	1963	10	30	01 17 31.1	4.80	77.90	20.0	5.3	
998	1963	10	31	23 19 15.3	4.90	77.70	60.0	4.5	
999	1963	11	02	16 07 13.1	12.50	74.70	105.0	4.3	
1000	1963	11	03	03 10 12.7	3.50	77.80	33.0	6.0	
1001	1963	11	03	04 24 48.4	4.30	78.30	146.0	4.2	
1002	1963	11	03	07 38 10.7	15.60	73.30	112.0	4.8	
1003	1963	11	03	12 02 28.3	3.70	78.30	33.0	4.5	
1004	1963	11	04	03 29 30.5	15.00	75.80	52.0	4.0	
1005	1963	11	06	01 01 7.0	12.80	73.90	86.0	4.4	
1006	1963	11	06	01 28 46.6	4.20	77.70	170.0	4.1	
1007	1963	11	06	18 33 25.9	16.70	69.70	174.0	4.7	
1008	1963	11	08	19 22 54.7	3.70	78.20	33.0	4.5	
1009	1963	11	09	21 15 30.4	9.00	71.50	600.0	5.9	6.9 PAS
1010	1963	11	09	23 14 12.6	8.50	72.10	563.0	4.4	
1011	1963	11	10	01 00 38.8	9.20	71.50	600.0	5.6	
1012	1963	11	10	01 36 41.3	9.40	71.30	600.0	4.1	
1013	1963	11	11	19 54 9.4	9.10	71.40	585.0	4.9	
1014	1963	11	12	12 26 45.1	15.80	72.40	33.0	4.0	
1015	1963	11	13	04 17 59.9	8.90	71.50	545.0	3.6	
1016	1963	11	15	00 18 52.4	4.70	76.80	152.0	4.3	
1017	1963	11	16	18 06 55.0	2.20	80.00	59.0	4.6	
1018	1963	11	18	07 17 50.4	16.50	74.50	54.0	4.3	
1019	1963	11	19	22 36 58.0	18.60	72.20	33.0	4.4	
1020	1963	11	22	12 40 10.0	18.80	69.60	120.0	4.6	
1021	1963	11	23	18 08 15.8	16.70	70.60	123.0	3.9	
1022	1963	11	27	02 19 41.9	16.60	72.10	79.0	4.9	
1023	1963	11	29	01 58 45.1	15.10	73.70	124.0	4.7	
1024	1963	12	04	03 13 7.1	8.30	83.10	33.0	4.6	
1025	1963	12	04	04 21 22.6	7.10	80.40	45.0	4.4	
1026	1963	12	06	18 14 32.1	7.10	80.50	33.0	4.4	
1027	1963	12	10	07 26 36.5	8.70	79.80	33.0	4.5	
1028	1963	12	10	14 49 42.6	18.10	68.50	79.0	5.3	
1029	1963	12	13	04 16 13.5	2.70	78.40	109.0	4.5	
1030	1963	12	16	16 41 9.5	1.60	78.00	170.0	4.8	
1031	1963	12	18	01 42 13.5	7.40	76.00	33.0	4.0	
1032	1963	12	19	14 54 43.6	8.30	80.80	33.0	4.3	

## EARTHQUAKE CATALOG OF PERU

I-25

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1033	1963	12	19	17 04 7.8	9.70	79.10	56.0	5.1	
1034	1963	12	20	10 48 4.2	5.20	80.80	55.0	5.2	
1035	1963	12	27	00 09 59.5	13.40	72.70	42.0	4.1	
1036	1963	12	29	17 15 39.2	18.50	69.70	113.0	5.5	
1037	1963	12	30	06 52 24.0	19.20	69.40	194.0	3.8	
1038	1963	12	30	16 20 48.3	18.30	70.10	150.0	4.1	
1039	1963	12	30	23 39 27.2	2.50	78.40	33.0	4.3	
1040	1964	01	03	05 20 32.9	19.40	69.20	62.0	4.1	
1041	1964	01	03	13 27 44.5	5.00	77.30	33.0	4.2	
1042	1964	01	03	22 12 9.0	1.50	79.30	33.0	4.4	
1043	1964	01	05	18 33 54.7	8.00	74.50	150.0	5.2	
1044	1964	01	08	14 34 52.5	19.30	69.00	199.0	3.9	
1045	1964	01	10	05 37 22.5	15.80	70.30	234.0	4.2	
1046	1964	01	12	14 21 51.5	10.90	74.60	94.0	4.2	
1047	1964	01	12	23 33 40.9	19.30	69.30	204.0	4.2	
1048	1964	01	17	13 27 21.8	3.40	77.50	33.0	4.1	
1049	1964	01	18	06 53 1.3	17.90	69.50	157.0	3.8	
1050	1964	01	21	12 35 0.1	19.70	69.10	161.0	4.1	
1051	1964	01	23	11 38 51.9	2.50	80.10	418.0	3.6	
1052	1964	01	26	09 09 33.9	16.30	71.70	116.0	6.1	
1053	1964	01	28	13 03 41.5	14.20	72.10	21.0	4.1	
1054	1964	01	30	02 33 58.0	19.80	69.80	33.0	4.2	ISC
1055	1964	01	31	21 46 31.7	0.20	77.90	33.0	4.6	
1056	1964	02	01	11 47 28.8	3.50	78.00	33.0	5.0	
1057	1964	02	04	06 24 49.5	4.00	80.40	164.0	4.0	
1058	1964	02	04	07 38 2.8	3.80	80.80	61.0	4.4	
1059	1964	02	05	04 13 26.7	14.30	73.70	166.0	3.1	
1060	1964	02	14	14 35 21.9	19.80	68.00	279.0	4.3	
1061	1964	02	14	14 57 40.8	16.10	73.20	100.0	3.8	
1062	1964	02	15	04 46 5.0	7.60	75.70	33.0	4.1	
1063	1964	02	16	10 03 37.7	7.60	75.90	31.0	4.5	
1064	1964	02	17	02 30 41.8	19.10	69.30	150.0	4.3	
1065	1964	02	18	10 33 23.0	8.30	78.00	33.0	4.1	ISC
1066	1964	02	19	06 29 12.1	17.10	70.70	134.0	4.0	
1067	1964	02	20	07 22 24.7	9.50	74.60	102.0	4.5	
1068	1964	02	20	10 57 43.6	14.10	76.00	67.0	4.5	
1069	1964	02	21	13 51 47.4	6.80	80.90	33.0	4.3	
1070	1964	02	21	21 52 12.4	7.70	79.50	36.0	4.3	
1071	1964	02	23	04 35 18.1	17.20	74.20	33.0	4.3	
1072	1964	02	24	18 38 33.8	3.37	78.00	33.0	4.6	ISC
1073	1964	03	02	17 19 58.4	1.70	77.50	82.0	4.6	
1074	1964	03	06	21 05 50.2	19.70	70.50	50.0	5.3	
1075	1964	03	07	04 51 4.6	18.60	70.40	112.0	4.5	

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1076	1964	03	07	20	53	28.0	9.20	78.00	0.0	4.2	ISC
1077	1964	03	10	22	48	53.7	18.20	70.60	132.0	4.4	
1078	1964	03	11	07	19	29.1	2.50	76.60	162.0	3.9	
1079	1964	03	14	02	14	2.0	7.80	75.40	33.0	4.2	
1080	1964	03	15	14	14	51.8	2.70	77.70	94.0	4.3	
1081	1964	03	19	03	28	57.0	18.60	69.90	127.0	3.9	
1082	1964	03	19	22	29	3.2	15.30	72.90	115.0	4.7	
1083	1964	03	20	06	55	28.1	2.00	79.70	71.0	5.3	
1084	1964	03	22	07	05	39.7	5.50	77.10	147.0	5.1	
1085	1964	03	22	17	51	19.5	14.20	75.60	86.0	4.3	
1086	1964	03	23	03	35	44.9	1.20	78.70	68.0	4.2	
1087	1964	03	24	06	36	19.5	5.20	78.60	33.0	4.0	
1088	1964	03	24	22	48	12.1	15.40	75.10	50.0		
1089	1964	03	25	12	44	59.4	7.50	74.30	156.0	3.8	
1090	1964	03	26	05	25	2.8	5.10	76.60	100.0	4.8	
1091	1964	04	01	04	26	52.7	2.80	80.10	35.0	4.5	
1092	1964	04	03	13	46	38.0	8.70	78.70	82.0	4.6	
1093	1964	04	08	16	01	11.1	15.60	72.70	103.0	4.0	
1094	1964	04	09	21	54	42.1	18.50	71.50	39.0	5.2	
1095	1964	04	10	06	09	10.9	14.37	75.70	68.0	4.1	ISC
1096	1964	04	19	13	17	11.4	3.70	79.40	134.0	4.3	
1097	1964	04	19	19	41	31.3	13.80	75.30	96.0	4.4	
1098	1964	04	20	10	52	5.3	18.60	72.00	33.0		
1099	1964	04	21	15	25	55.3	17.50	70.60	125.0	3.9	
1100	1964	04	25	11	46	14.0	15.60	70.40	215.0	4.0	
1101	1964	04	25	13	36	6.8	15.60	69.40	265.0	4.0	
1102	1964	04	28	19	33	33.5	16.60	70.00	116.0	4.2	
1103	1964	04	29	04	08	1.2	3.40	77.70	56.0	4.3	
1104	1964	04	29	17	59	39.5	17.10	72.10	44.0	4.5	
1105	1964	05	01	09	51	31.6	18.60	69.50	136.0	4.2	
1106	1964	05	04	19	25	40.5	14.70	76.00	33.0	4.5	
1107	1964	05	05	03	26	46.1	17.70	68.90	33.0	4.9	
1108	1964	05	07	03	19	18.1	18.70	69.70	120.0	3.6	
1109	1964	05	09	20	06	37.7	5.80	81.30	104.0	4.4	
1110	1964	05	12	08	27	4.3	0.70	77.20	33.0	4.0	
1111	1964	05	14	11	30	13.9	15.30	70.60	167.0	4.0	
1112	1964	05	17	06	30	0.6	17.70	69.60	149.0	3.8	
1113	1964	05	17	07	52	58.7	7.90	74.30	152.0	3.9	
1114	1964	05	18	04	15	8.4	12.00	73.80	91.0	4.3	
1115	1964	05	19	23	03	41.8	0.70	80.20	54.0	5.4	
1116	1964	05	20	03	25	5.1	0.90	80.40	33.0	4.7	
1117	1964	05	23	16	42	6.1	16.00	69.00	231.0	4.1	
1118	1964	05	23	21	31	3.4	18.40	69.20	128.0	4.7	



## EARTHQUAKE CATALOG OF PERU

1-27

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr mo dy	hr mn sec				mb	Ms
1119	1964 05 27	06 16 8.7	16.90	70.20	116.0	3.8	
1120	1964 05 28	12 49 57.5	13.40	74.90	103.0	5.2	
1121	1964 05 31	19 58 9.9	9.20	79.50	40.0	4.3	
1122	1964 06 01	05 12 27.6	18.10	70.60	136.0		
1123	1964 06 01	09 20 58.1	1.00	78.10	33.0	4.0	
1124	1964 06 03	07 49 30.8	5.20	78.60	33.0	4.2	
1125	1964 06 04	11 46 1.7	9.60	76.10	124.0	5.3	
1126	1964 06 06	00 32 52.1	14.93	72.10	108.0	4.1	ISC
1127	1964 06 06	03 44 27.8	8.30	79.30	47.0	4.3	
1128	1964 06 08	16 55 45.4	8.18	74.34	152.0	3.9	ISC
1129	1964 06 09	15 31 29.6	4.77	77.90	40.0	4.4	ISC
1130	1964 06 09	18 16 13.7	0.20	78.90	48.0	4.6	
1131	1964 06 16	11 15 25.0	18.00	71.70	80.0	4.1	ISC
1132	1964 06 21	06 54 46.2	14.90	73.30	80.0	5.0	
1133	1964 06 22	03 29 55.8	2.56	78.10	46.0	3.9	ISC
1134	1964 06 23	00 30 11.1	3.70	78.10	33.0	4.6	
1135	1964 06 23	02 04 41.8	2.70	80.00	58.0	5.2	
1136	1964 06 23	13 53 51.4	2.60	77.70	33.0	3.9	
1137	1964 06 24	06 21 41.0	3.50	77.40	33.0	4.0	
1138	1964 06 28	05 52 34.6	13.40	71.50	237.0	3.8	
1139	1964 06 29	08 50 57.1	1.80	78.40	158.0	4.1	
1140	1964 07 01	20 20 56.6	17.10	69.10	147.0	5.1	
1141	1964 07 01	22 49 23.4	14.30	73.10	139.0	5.2	
1142	1964 07 02	09 09 39.8	11.60	74.40	28.0	4.6	
1143	1964 07 04	12 13 56.9	15.50	72.50	148.0	5.3	
1144	1964 07 05	01 06 28.4	1.20	78.30	112.0	4.0	
1145	1964 07 05	22 14 59.1	10.24	75.11	135.0	3.9	ISC
1146	1964 07 10	19 16 43.5	16.00	71.60	134.0	4.9	
1147	1964 07 11	08 15 39.1	2.60	77.60	148.0	4.1	
1148	1964 07 18	11 13 14.2	18.40	70.90	40.0	4.8	
1149	1964 07 21	07 33 19.6	20.00	69.80	84.0	4.5	
1150	1964 07 27	04 03 33.2	1.70	77.90	164.0	4.5	
1151	1964 08 02	08 14 5.7	17.30	69.80	5.0	4.2	
1152	1964 08 04	13 06 22.2	5.10	78.60	33.0	4.1	
1153	1964 08 04	21 03 7.0	15.70	70.10	248.0	3.7	
1154	1964 08 09	08 26 56.5	1.70	78.80	175.0	3.8	
1155	1964 08 10	07 34 49.9	16.70	70.80	92.0	5.2	
1156	1964 08 13	16 32 17.3	5.90	81.10	33.0	4.2	
1157	1964 08 17	00 59 46.7	12.10	75.30	163.0	3.9	
1158	1964 08 18	00 26 51.8	7.20	74.40	156.0	5.3	
1159	1964 08 19	14 00 37.8	6.90	75.50	14.0	4.4	
1160	1964 08 24	10 37 23.4	1.50	78.10	173.0	5.1	
1161	1964 09 04	09 36 58.7	18.30	69.00	101.0	5.4	

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1162	1964 09 05	15 05 10.9	19.20	89.30	103.0	4.6	
1163	1964 09 10	21 36 32.3	4.80	81.30	45.0	4.5	
1164	1964 09 14	10 48 17.7	17.90	89.70	192.0	3.5	
1165	1964 09 17	07 41 13.9	15.60	72.90	118.0	5.0	
1166	1964 09 19	17 26 13.0	5.60	81.00	33.0	4.8	
1167	1964 09 21	13 27 32.9	7.20	74.30	150.0	4.6	
1168	1964 09 29	18 46 15.3	8.60	74.50	170.0	4.1	
1169	1964 09 29	20 31 51.9	16.40	89.30	139.0	4.0	
1170	1964 10 01	08 46 36.9	19.70	88.80	138.0	4.4	
1171	1964 10 02	20 41 47.7	8.90	79.70	55.0	4.6	
1172	1964 10 03	12 49 31.5	10.70	75.30	154.0	4.8	
1173	1964 10 06	18 19 7.5	13.40	75.80	117.0	4.2	
1174	1964 10 07	17 02 34.4	6.30	78.60	23.0	3.7	
1175	1964 10 08	10 55 26.0	2.60	79.10	131.0	4.0	
1176	1964 10 11	14 19 11.5	17.90	71.50	35.0	5.2	
1177	1964 10 13	23 54 15.2	13.20	76.50	75.0	4.6	
1178	1964 10 17	07 45 33.0	13.60	72.70	57.0	4.4	
1179	1964 10 21	08 34 5.5	6.50	80.70	100.0	3.9	
1180	1964 10 25	06 25 48.6	2.00	77.20	160.0	5.3	
1181	1964 10 25	22 56 32.8	2.00	79.00	57.0	5.4	
1182	1964 10 28	03 07 7.3	13.40	72.60	53.0	4.4	
1183	1964 11 02	06 50 58.2	4.10	76.90	91.0	6.0	
1184	1964 11 04	02 11 24.9	19.70	89.20	102.0	5.2	
1185	1964 11 11	18 48 56.6	13.40	75.00	99.0	5.0	
1186	1964 11 12	12 13 34.6	18.00	69.80	80.0	4.8	
1187	1964 11 18	00 11 55.8	10.30	75.90	24.0	4.3	
1188	1964 11 18	04 03 58.0	13.10	75.00	80.0	4.3	
1189	1964 11 20	10 30 36.0	5.00	77.80	292.0	3.7	
1190	1964 11 21	11 57 0.3	19.90	70.40	118.0	4.4	
1191	1964 11 21	17 24 24.1	4.80	76.60	107.0	4.4	
1192	1964 11 23	10 26 41.0	20.00	70.30	129.0	4.4	ISC
1193	1964 11 28	16 41 33.4	7.70	71.20	626.0	5.4	
1194	1964 11 28	16 49 30.3	8.00	71.40	655.0	5.6	
1195	1964 11 29	03 24 28.8	3.60	80.60	33.0	4.8	
1196	1964 11 29	17 08 25.7	4.80	79.30	81.0	4.6	
1197	1964 12 01	02 33 19.6	7.00	75.50	254.0	3.6	
1198	1964 12 03	17 10 59.0	19.50	69.20	180.0	4.2	
1199	1964 12 06	03 15 37.7	15.40	70.50	164.0	4.6	
1200	1964 12 07	06 02 21.5	5.50	80.30	345.0	3.5	
1201	1964 12 07	10 07 42.0	18.10	68.70	95.0	4.4	
1202	1964 12 07	15 55 56.8	6.40	76.20	177.0	4.7	
1203	1964 12 07	20 41 42.0	18.90	69.60	127.0	4.4	
1204	1964 12 09	19 12 21.1	1.10	77.40	242.0	4.5	

## EARTHQUAKE CATALOG OF PERU

1-29

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1205	1964	12	15	18 20 11.0	7.20	76.90	33.0	4.8	
1206	1964	12	19	11 18 5.2	16.46	72.87	108.0	4.2	ISC
1207	1964	12	20	22 43 35.3	18.60	69.50	129.0	4.3	
1208	1964	12	22	00 24 48.7	9.50	71.30	614.0	5.3	
1209	1964	12	23	11 11 50.9	19.70	68.50	163.0	4.3	
1210	1964	12	25	08 48 37.7	18.80	69.00	117.0	5.1	
1211	1964	12	26	05 30 13.0	16.70	72.20	59.0	3.9	ISC
1212	1965	01	01	20 59 20.1	19.30	69.60	174.0	4.2	
1213	1965	01	02	05 25 3.1	16.00	70.40	33.0	4.4	
1214	1965	01	06	15 26 32.8	9.50	79.40	44.0	4.5	
1215	1965	01	06	16 30 36.9	0.80	81.50	19.0	4.6	
1216	1965	01	07	11 57 30.4	3.20	76.80	33.0	4.5	
1217	1965	01	07	14 17 33.7	14.70	69.30	115.0	4.3	
1218	1965	01	09	14 35 12.4	9.70	80.10	33.0	4.4	
1219	1965	01	10	03 43 44.5	3.30	81.40	78.0	4.8	
1220	1965	01	11	09 27 39.5	16.80	76.60	33.0	4.3	
1221	1965	01	12	13 36 51.0	9.70	75.00	48.0	5.4	
1222	1965	01	14	08 25 17.5	5.50	81.30	32.0	5.3	
1223	1965	01	16	16 22 14.3	2.20	79.80	122.0	4.7	
1224	1965	01	16	16 59 28.5	2.50	78.20	33.0	4.5	
1225	1965	01	16	20 28 8.1	19.70	68.70	236.0	4.1	
1226	1965	01	23	14 48 28.0	8.30	75.10	33.0	4.2	
1227	1965	01	25	16 54 1.5	10.60	75.40	33.0		
1228	1965	01	25	22 36 53.8	11.40	75.20	115.0	4.2	
1229	1965	01	26	13 48 33.8	0.40	81.10	33.0	4.2	
1230	1965	01	26	14 17 49.0	0.20	80.80	33.0	4.7	
1231	1965	01	26	16 54 34.3	13.10	76.10	118.0	4.2	
1232	1965	01	28	05 34 59.8	12.90	78.50	33.0	4.9	
1233	1965	01	29	04 35 49.0	18.90	70.90	224.0	3.9	ISC
1234	1965	02	09	11 53 0.5	17.00	68.40	61.0	4.5	
1235	1965	02	11	16 10 30.4	1.40	77.80	190.0	5.1	
1236	1965	02	13	10 05 24.3	5.90	77.60	69.0	4.5	ISC
1237	1965	02	18	22 32 19.6	9.90	71.20	594.0	5.2	
1238	1965	02	19	09 35 58.0	18.39	69.34	135.0	4.4	ISC
1239	1965	02	19	23 01 50.0	7.52	74.68	138.0	4.4	ISC
1240	1965	02	20	18 00 14.0	4.40	79.10	266.0	3.9	
1241	1965	02	20	21 10 13.5	18.40	72.40	33.0	5.2	
1242	1965	03	05	07 18 30.6	4.02	79.40	231.0	3.8	ISC
1243	1965	03	06	04 43 7.1	1.20	78.40	13.0	4.3	
1244	1965	03	07	16 58 54.0	8.50	71.10	572.0	3.7	
1245	1965	03	09	02 55 51.6	13.50	72.70	33.0	4.1	
1246	1965	03	11	14 55 4.1	18.20	71.20	59.0	4.0	
1247	1965	03	12	22 54 44.7	5.80	77.80	52.0	4.9	

I-30

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1248	1965	03	14	15	30	37.1	0.40	80.80	33.0	4.1	
1249	1965	03	15	05	08	51.1	17.50	75.30	13.0	4.7	ISC
1250	1965	03	20	13	02	28.6	19.00	69.60	64.0	4.5	
1251	1965	03	24	11	16	50.5	18.50	68.50	33.0	4.8	
1252	1965	03	28	00	09	31.5	19.00	69.20	170.0	4.1	
1253	1965	03	28	05	30	25.4	15.00	72.30	108.0	4.6	
1254	1965	03	28	09	59	58.0	15.70	74.10	45.0	5.4	5.1 PAS
1255	1965	03	31	16	50	19.0	2.13	77.17	193.0	3.8	ISC
1256	1965	04	04	20	09	41.1	8.80	74.50	143.0	5.3	
1257	1965	04	06	19	21	49.7	3.10	78.20	97.0	5.0	
1258	1965	04	08	00	02	40.1	8.30	80.10	33.0	4.3	
1259	1965	04	14	08	23	34.7	1.20	78.80	59.0	4.6	
1260	1965	04	15	02	00	10.4	5.72	75.60	33.0	4.4	ISC
1261	1965	04	22	22	14	4.1	6.02	78.68	118.0	4.6	ISC
1262	1965	04	24	18	29	18.3	17.70	69.60	159.0	4.4	
1263	1965	04	26	08	39	3.9	1.30	77.80	193.0	4.8	
1264	1965	04	27	05	24	50.1	13.80	76.00	93.0	4.8	
1265	1965	04	28	09	42	10.2	14.20	76.20	73.0	4.3	
1266	1965	05	01	23	45	31.5	1.70	77.90	167.0	3.9	
1267	1965	05	02	05	47	43.9	19.80	69.50	117.0	5.5	
1268	1965	05	04	12	10	41.1	16.50	73.20	78.0	4.5	
1269	1965	05	05	09	13	56.7	13.90	75.90	94.0	4.7	
1270	1965	05	08	22	22	36.9	13.50	71.40	20.0	4.3	
1271	1965	05	09	05	56	40.3	17.70	69.20	179.0	4.0	
1272	1965	05	09	19	58	59.2	2.90	77.40	108.0	4.8	
1273	1965	05	10	08	35	21.1	17.30	70.90	121.0	4.4	
1274	1965	05	11	00	58	31.0	6.70	80.90	71.0	4.1	ISC
1275	1965	05	12	09	42	37.4	13.90	77.10	20.0	4.6	
1276	1965	05	19	08	05	14.5	1.80	79.50	71.0	4.1	
1277	1965	05	20	09	55	13.8	3.90	80.80	38.0	4.5	
1278	1965	05	25	16	22	52.0	19.30	69.60	109.0	4.8	
1279	1965	05	28	02	07	26.3	19.03	68.80	168.0	3.6	ISC
1280	1965	05	29	04	25	11.9	9.90	74.10	33.0	4.1	
1281	1965	06	03	12	12	36.8	13.10	76.80	82.0	4.2	
1282	1965	06	04	14	53	27.7	9.10	79.10	33.0	4.3	
1283	1965	06	05	20	41	8.3	13.80	71.50	75.0	4.2	
1284	1965	06	06	21	41	37.2	1.40	80.50	54.0	4.3	
1285	1965	06	08	05	46	49.6	4.01	78.20	33.0	4.2	ISC
1286	1965	06	11	08	53	26.1	17.60	70.30	56.0	4.1	
1287	1965	06	18	03	37	54.9	5.00	80.70	102.0	4.2	
1288	1965	06	18	22	45	16.7	11.10	73.60	111.0	5.5	5.1 BRK
1289	1965	06	21	10	46	37.7	3.70	77.80	19.0	4.6	
1290	1965	06	22	14	19	50.9	18.40	69.30	122.0	5.0	

## EARTHQUAKE CATALOG OF PERU

I-31

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1291	1965 06 24	03 29 45.0	18.20	69.70	72.0	5.0	
1292	1965 06 24	16 54 2.2	15.50	70.20	171.0	4.3	
1293	1965 06 26	05 55 11.4	9.10	72.90	44.0	4.6	
1294	1965 06 27	17 09 3.4	2.60	77.00	117.0	5.1	
1295	1965 06 27	17 09 22.7	2.80	77.10	33.0	5.3	
1296	1965 06 30	08 15 44.3	14.20	75.60	56.0	4.0	
1297	1965 07 02	01 09 47.6	7.70	76.80	46.0	4.4	
1298	1965 07 02	02 28 13.0	7.60	76.90	21.0	4.4	
1299	1965 07 03	16 32 30.3	18.00	68.00	199.0	3.9	
1300	1965 07 05	19 13 16.9	15.60	68.00	122.0	4.0	
1301	1965 07 08	11 44 47.9	19.50	68.60	219.0	4.0	
1302	1965 07 08	23 51 19.9	9.70	79.70	33.0	4.3	
1303	1965 07 09	17 46 41.4	7.70	80.80	33.0	4.5	
1304	1965 07 13	17 58 2.3	13.20	75.10	102.0	4.0	
1305	1965 07 13	22 34 48.5	3.20	77.70	90.0	4.4	
1306	1965 07 13	22 49 46.1	2.90	78.80	112.0	4.6	
1307	1965 07 14	12 29 56.6	17.60	69.50	146.0	5.0	
1308	1965 07 14	13 37 36.7	17.10	69.30	171.0	4.2	
1309	1965 07 15	08 31 24.6	6.60	80.90	36.0	4.4	
1310	1965 07 23	15 13 22.4	8.80	79.50	43.0	5.3	
1311	1965 07 24	12 16 8.9	3.50	78.10	33.0	4.2	
1312	1965 07 28	19 42 47.5	15.70	73.90	92.0	4.1	
1313	1965 07 30	05 45 16.1	18.10	70.80	72.0	6.0	4.8 PAL
1314	1965 07 30	12 11 7.0	15.10	70.80	192.0	4.1	
1315	1965 07 30	13 35 21.4	19.30	69.10	206.0	3.9	
1316	1965 07 30	16 32 36.9	1.50	78.10	167.0	4.7	
1317	1965 07 30	22 58 44.9	16.60	69.50	178.0	3.9	
1318	1965 07 31	10 38 51.3	19.40	68.80	190.0	3.9	
1319	1965 08 01	04 36 40.9	4.90	80.90	66.0	4.0	
1320	1965 08 01	06 13 59.2	16.70	71.40	97.0	4.1	
1321	1965 08 03	02 01 52.2	7.40	81.30	33.0	5.8	5.4 BRK
1322	1965 08 05	02 57 55.4	17.30	69.60	162.0	4.2	
1323	1965 08 07	05 26 7.4	9.20	78.70	70.0	4.4	
1324	1965 08 08	06 32 28.2	19.60	68.70	53.0	5.4	
1325	1965 08 09	07 53 18.0	3.10	79.50	251.0	3.8	
1326	1965 08 09	08 40 29.8	1.40	78.70	132.0	5.1	
1327	1965 08 13	00 54 43.5	4.30	80.90	34.0	5.2	
1328	1965 08 18	07 20 2.7	1.90	78.20	265.0	3.5	
1329	1965 08 20	09 42 48.7	18.90	69.00	128.0	6.2	6.5 PAS
1330	1965 08 22	03 30 11.9	19.60	71.00	30.0	4.1	
1331	1965 08 22	10 39 27.7	2.30	76.90	187.0	4.1	
1332	1965 08 22	12 24 22.5	7.80	74.50	141.0	4.7	
1333	1965 08 23	00 08 11.8	13.10	75.20	107.0	4.2	

I-32

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1334	1965	08	25	14 50 36.0	17.50	69.80	147.0	4.9	6.5 PAS
1335	1965	09	06	16 25 53.5	9.30	75.90	31.0	4.4	
1336	1965	09	07	16 30 27.4	4.40	80.50	227.0	4.2	
1337	1965	09	08	04 10 34.8	11.10	73.80	99.0	4.3	
1338	1965	09	10	10 24 19.4	14.40	72.40	94.0	3.9	
1339	1965	09	11	18 17 54.8	11.40	75.30	33.0	4.1	
1340	1965	09	14	04 50 22.7	12.00	72.40	60.0	4.3	
1341	1965	09	14	07 17 58.0	9.89	76.10	142.0	4.3 ISC	
1342	1965	09	16	08 57 23.9	17.20	70.70	141.0	4.3	
1343	1965	09	17	11 13 56.4	1.50	77.70	191.0	6.2	
1344	1965	09	19	01 45 1.7	1.70	77.50	213.0	4.6	
1345	1965	09	19	14 17 54.5	15.60	74.40	69.0	4.8	
1346	1965	09	20	06 37 42.6	17.30	70.50	127.0	4.4	
1347	1965	09	20	18 10 40.3	6.30	75.00	139.0	5.1	
1348	1965	09	21	05 34 45.4	1.70	77.50	245.0	3.8	
1349	1965	09	24	09 40 44.5	9.69	79.10	104.0	4.3 ISC	
1350	1965	09	26	05 47 56.2	13.00	70.30	37.0	4.3	
1351	1965	09	26	14 20 0.1	13.80	73.00	67.0	3.7	
1352	1965	09	27	03 15 55.3	1.40	80.60	86.0	4.6	
1353	1965	09	30	11 35 6.6	3.10	79.00	73.0	3.8	
1354	1965	10	04	21 25 12.0	10.90	75.00	33.0	4.2	6.8 PAS
1355	1965	10	05	03 41 28.4	16.50	72.50	103.0		
1356	1965	10	06	02 40 23.2	9.80	74.90	122.0	4.4	
1357	1965	10	08	22 28 48.6	8.30	76.00	141.0	5.2	
1358	1965	10	10	16 46 19.1	1.10	81.70	33.0	4.5	
1359	1965	10	10	19 35 0.1	7.70	74.60	140.0	4.3	
1360	1965	10	11	00 07 4.8	3.60	77.20	157.0	4.0	
1361	1965	10	11	20 41 4.2	10.80	75.00	229.0	3.6	
1362	1965	10	12	15 10 46.8	1.40	80.90	33.0	4.4	
1363	1965	10	17	14 09 5.1	15.90	73.20	105.0	4.4	
1364	1965	10	18	12 57 14.7	19.20	69.50	179.0	4.5	
1365	1965	10	19	02 02 54.5	8.50	74.40	112.0	4.2	
1366	1965	10	23	16 00 45.0	1.60	81.00	152.0	4.2	
1367	1965	10	25	11 17 26.7	1.10	81.00	33.0	4.3	
1368	1965	10	30	08 37 21.7	2.40	77.90	166.0	4.1	
1369	1965	10	31	04 02 25.7	1.60	77.60	245.0	4.7	
1370	1965	11	03	01 39 3.1	9.10	71.40	593.0	6.2	
1371	1965	11	06	01 06 6.6	9.40	79.00	59.0	4.7	
1372	1965	11	09	09 29 29.5	17.50	69.90	150.0	3.8	
1373	1965	11	10	01 47 22.4	17.90	69.50	140.0	4.3	
1374	1965	11	13	19 02 21.6	1.60	77.60	188.0	4.8	
1375	1965	11	16	06 09 2.7	17.20	69.00	209.0	3.7	
1376	1965	11	19	09 52 37.6	2.00	77.60	189.0	4.2	

## EARTHQUAKE CATALOG OF PERU

I-33

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1377	1965	11	21	04	29	23.9	11.30	73.50	80.0	4.2	
1378	1965	11	23	10	21	0.3	18.10	70.70	93.0	4.4	
1379	1965	11	24	09	30	56.7	9.50	74.80	125.0	4.4	
1380	1965	11	26	00	25	49.2	4.70	77.20	120.0	4.4	
1381	1965	11	29	17	07	2.0	6.00	78.60	37.0	5.5	
1382	1965	11	29	17	53	55.1	6.80	80.10	33.0	4.1	
1383	1965	11	30	09	44	42.5	18.40	70.90	67.0	4.1	
1384	1965	11	30	09	46	11.7	8.20	74.30	162.0	4.9	
1385	1965	12	02	00	36	29.5	16.50	69.60	198.0	5.2	
1386	1965	12	03	01	01	55.9	15.70	72.00	178.0		
1387	1965	12	03	08	32	25.7	3.60	77.70	42.0	4.7	
1388	1965	12	03	09	55	49.7	4.50	79.90	89.0	4.5	
1389	1965	12	04	17	16	29.1	3.90	79.20	33.0	4.3	
1390	1965	12	07	03	44	41.1	3.50	78.10	44.0	4.4	
1391	1965	12	07	11	15	6.7	18.90	69.50	120.0	4.6	
1392	1965	12	08	02	55	38.4	15.50	74.70	79.0	4.3	
1393	1965	12	08	06	25	56.7	18.40	69.30	131.0	3.8	
1394	1965	12	10	02	59	17.4	6.40	80.80	37.0	4.5	
1395	1965	12	11	04	29	35.4	18.40	69.30	138.0	4.0	
1396	1965	12	11	21	48	29.4	6.40	81.30	33.0	4.2	
1397	1965	12	12	22	25	14.7	1.50	77.60	201.0	5.6	
1398	1965	12	14	04	55	18.8	18.30	70.80	88.0	5.2	
1399	1965	12	19	20	10	23.7	14.70	73.50	97.0	5.1	
1400	1965	12	21	13	15	10.6	17.60	68.60	296.0	3.7	
1401	1965	12	25	07	21	53.8	1.90	81.50	44.0	4.5	
1402	1965	12	27	11	55	11.2	19.70	69.40	111.0	4.7	
1403	1965	12	28	22	04	51.7	3.20	77.10	13.0	5.5	
1404	1965	12	29	04	08	23.9	3.20	77.30	22.0	4.7	
1405	1965	12	30	06	16	4.1	16.60	71.10	112.0	5.7	
1406	1965	12	30	16	42	44.5	19.10	69.50	115.0	4.6	
1407	1966	01	01	01	59	53.1	16.30	73.40	33.0		
1408	1966	01	01	09	00	0.5	16.90	72.30	23.0		
1409	1966	01	01	19	51	56.1	7.80	74.70	165.0	4.6	
1410	1966	01	02	03	53	58.2	17.90	69.50	142.0	4.4	
1411	1966	01	04	12	48	13.4	15.30	70.90	184.0	5.4	
1412	1966	01	09	20	16	53.4	10.80	75.60	33.0	4.4	
1413	1966	01	12	08	02	9.2	2.30	77.10	169.0	4.7	
1414	1966	01	13	14	17	10.6	8.30	74.10	180.0	5.1	
1415	1966	01	17	06	24	45.4	3.40	79.30	133.0	3.8	
1416	1966	01	17	06	57	4.4	11.60	75.90	102.0	4.3	
1417	1966	01	18	10	25	59.3	3.60	80.90	75.0	4.5	
1418	1966	01	19	04	44	31.1	17.80	71.40	83.0	5.2	
1419	1966	01	20	07	14	4.2	14.90	75.70	46.0	4.9	

6.0 BRK

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1420	1966	01	20	21	31	24.5	0.50	79.70	53.0	4.1	
1421	1966	01	22	14	05	41.3	10.30	74.70	95.0	4.2	
1422	1966	01	28	21	25	22.4	3.50	81.30	33.0	4.5	
1423	1966	01	31	13	54	27.2	1.50	78.00	196.0	4.6	
1424	1966	02	01	05	38	30.4	18.30	69.80	139.0	4.2	
1425	1966	02	03	07	22	9.0	19.70	70.90	44.0	4.2	
1426	1966	02	05	07	36	56.2	14.90	71.50	114.0	3.7	
1427	1966	02	05	23	34	35.4	19.00	69.20	167.0	5.1	
1428	1966	02	07	08	41	18.4	14.40	73.80	7.0	4.9	
1429	1966	02	09	03	55	4.7	16.60	72.30	75.0	4.4	
1430	1966	02	09	15	13	29.2	15.20	75.30	45.0	5.5	5.6 PAL
1431	1966	02	09	20	30	23.2	1.70	77.90	167.0	4.9	
1432	1966	02	10	10	43	30.6	16.70	73.90	15.0	4.8	
1433	1966	02	14	16	34	43.9	13.20	75.40	104.0	4.6	
1434	1966	02	15	11	58	59.6	8.60	70.30	629.0	3.4	
1435	1966	02	20	08	17	29.8	19.60	69.90	88.0	3.7	
1436	1966	02	20	10	51	20.2	1.30	80.50	125.0	4.5	
1437	1966	02	20	15	25	40.1	9.80	75.60	21.0	4.9	
1438	1966	02	23	18	10	21.9	15.40	72.70	115.0	4.9	
1439	1966	02	24	05	35	38.3	18.80	69.30	107.0	4.4	
1440	1966	02	26	15	37	18.0	3.50	77.60	33.0	4.1	
1441	1966	02	26	21	14	33.3	18.30	69.40	130.0	3.7	
1442	1966	02	27	05	58	42.6	15.00	75.70	33.0	4.4	
1443	1966	02	27	06	08	35.9	15.40	76.00	13.0	4.1	
1444	1966	03	04	10	25	4.3	1.23	80.10	33.0	3.7	ISC
1445	1966	03	08	20	46	11.4	20.00	68.90	112.0	5.7	5.3 BRK
1446	1966	03	11	01	48	35.1	19.60	69.30	111.0	5.4	4.9 BRK
1447	1966	03	12	18	06	52.7	14.10	73.60	79.0	4.1	
1448	1966	03	15	03	46	18.3	18.00	69.30	152.0	4.2	
1449	1966	03	17	10	59	2.6	19.40	70.50	50.0	4.3	
1450	1966	03	22	18	59	0.7	19.70	69.50	99.0	3.7	
1451	1966	03	23	06	10	11.6	6.50	79.30	33.0	3.9	
1452	1966	03	23	21	57	9.8	7.20	74.70	140.0	5.1	
1453	1966	03	24	14	17	30.0	10.20	79.10	48.0	5.4	ISC
1454	1966	03	28	15	29	21.2	4.00	80.90	39.0	5.6	5.0 BRK
1455	1966	03	28	17	42	44.2	4.00	80.80	20.0	5.5	5.0 BRK
1456	1966	03	28	18	20	11.0	4.00	80.70	45.0	4.1	
1457	1966	03	28	18	56	19.7	4.00	80.70	39.0	4.3	
1458	1966	03	28	20	29	32.7	4.00	80.90	25.0	4.6	
1459	1966	04	01	07	55	49.6	16.60	72.90	33.0		
1460	1966	04	03	09	17	26.2	10.20	79.60	17.0	4.6	
1461	1966	04	06	03	51	26.6	16.60	69.70	200.0	3.6	
1462	1966	04	06	12	24	51.9	3.80	81.70	33.0	4.1	



## EARTHQUAKE CATALOG OF PERU

I-35

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1463	1966	04	09	07 53 11.6	0.80	78.10	30.0	3.9	6.8 PAS
1464	1966	04	11	06 46 7.5	19.90	68.60	85.0	4.6	
1465	1966	04	12	01 31 6.1	17.70	69.70	139.0	4.2	
1466	1966	04	15	10 14 58.7	2.90	80.40	37.0	4.0	
1467	1966	04	27	13 53 51.7	17.60	70.90	42.0	4.4	
1468	1966	04	27	15 09 10.5	19.80	69.30	125.0	3.9	
1469	1966	05	01	08 04 26.1	6.90	77.00	48.0	4.5	
1470	1966	05	01	16 22 55.5	8.40	74.30	154.0	5.8	
1471	1966	05	02	10 55 48.9	8.30	74.10	160.0	4.9	
1472	1966	05	02	21 28 51.1	17.00	69.60	179.0	4.1	
1473	1966	05	02	21 34 0.0	16.80	68.90	139.0	4.3	
1474	1966	05	07	02 19 34.0	15.20	68.80	219.0	3.6	
1475	1966	05	07	06 48 40.7	5.20	76.20	101.0	4.3	
1476	1966	05	09	01 31 58.4	17.90	69.20	173.0	4.2	
1477	1966	05	11	00 01 32.2	7.10	74.50	152.0	4.0	
1478	1966	05	13	01 35 19.9	15.40	70.80	211.0	4.3	
1479	1966	05	14	11 07 25.9	15.70	68.90	190.0	3.9	
1480	1966	05	15	20 16 4.1	1.50	78.00	195.0	4.1	
1481	1966	05	19	17 37 19.1	17.60	71.90	19.0	4.3	
1482	1966	05	20	06 41 5.5	19.40	69.80	98.0	3.8	
1483	1966	05	21	07 44 20.1	8.10	74.40	160.0	4.5	6.3 PAS
1484	1966	05	24	20 51 1.5	2.30	77.60	28.0	4.2	
1485	1966	05	25	16 29 54.5	17.60	70.90	42.0	4.2	
1486	1966	05	25	23 21 27.6	9.60	77.10	165.0	4.2	
1487	1966	05	26	00 53 22.8	17.20	73.10	35.0	4.1	
1488	1966	05	29	16 34 15.8	17.40	69.40	146.0	3.8	
1489	1966	05	31	08 50 19.8	8.40	74.40	160.0	4.8	
1490	1966	06	01	18 18 29.4	16.50	73.40	82.0	4.3	
1491	1966	08	02	17 05 40.0	15.60	71.90	131.0	4.6	
1492	1966	06	02	17 49 45.9	14.10	75.80	63.0	4.2	
1493	1966	08	04	10 04 38.2	15.70	74.60	54.0	4.2	
1494	1966	06	04	14 48 9.1	15.80	74.40	36.0	4.2	
1495	1966	06	04	18 07 1.3	19.80	69.00	99.0	4.8	
1496	1966	08	05	00 53 1.2	6.30	81.40	33.0	4.3	
1497	1966	08	05	04 17 32.3	17.30	70.60	123.0	4.2	
1498	1966	08	05	19 03 10.2	9.80	71.00	590.0	3.8 ISC	
1499	1966	08	07	00 59 45.3	14.90	75.90	33.0	5.5	
1500	1966	08	07	01 20 6.4	14.90	76.20	35.0	4.4	
1501	1966	08	07	01 56 23.0	12.30	74.30	27.0	4.5 ISC	
1502	1966	06	07	03 24 19.0	15.00	75.80	51.0	4.9	
1503	1966	06	07	15 14 42.9	15.10	75.80	56.0	4.9	
1504	1966	08	08	14 56 52.6	15.30	76.00	23.0	4.6	
1505	1966	08	08	23 11 19.3	19.70	69.30	122.0	4.1	

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1506	1966 06 10	08 13 25.1	14.80	76.10	15.0	5.0	
1507	1966 06 10	14 13 42.3	14.40	75.40	25.0	4.5	
1508	1966 06 11	11 04 11.6	14.80	75.80	41.0	4.4	
1509	1966 06 14	08 54 49.5	18.20	68.60	83.0	4.4	
1510	1966 06 16	12 27 50.2	1.50	80.80	32.0	4.1	
1511	1966 06 18	05 43 16.3	15.10	75.60	100.0	4.0	
1512	1966 06 19	15 40 48.1	14.80	75.80	33.0	5.1	
1513	1966 06 20	00 30 21.1	14.40	75.60	59.0	4.2	
1514	1966 06 20	11 01 44.2	17.30	72.50	33.0	4.3	
1515	1966 06 21	12 51 23.0	4.30	77.00	104.0	4.5	
1516	1966 06 23	00 20 17.8	17.20	70.30	152.0	4.2	
1517	1966 06 29	00 36 15.6	2.20	77.80	154.0	3.8	
1518	1966 06 30	10 49 52.4	6.80	76.80	21.0	4.8	
1519	1966 07 03	20 39 52.7	17.00	69.50	182.0	3.9	
1520	1966 07 05	23 50 17.8	15.80	75.80	38.0	4.8	
1521	1966 07 06	00 05 53.2	15.50	75.60	26.0	5.0	
1522	1966 07 13	08 32 48.8	2.20	77.40	144.0	4.3	
1523	1966 07 15	04 23 48.5	9.50	78.80	33.0	4.4	
1524	1966 07 17	20 57 47.2	16.20	71.90	116.0		
1525	1966 07 20	05 47 59.6	19.40	70.50	64.0	4.3	
1526	1966 07 21	05 54 11.9	15.20	70.80	214.0	4.0	
1527	1966 07 22	19 47 39.0	6.30	81.10	33.0	4.9	
1528	1966 07 25	01 06 56.0	0.80	78.40	51.0	3.9	
1529	1966 07 26	21 53 33.3	11.20	74.90	98.0	4.5	
1530	1966 07 27	23 10 53.9	18.10	71.90	47.0	4.2	
1531	1966 07 29	08 26 4.2	12.70	71.10	43.0	4.3	
1532	1966 07 31	22 18 24.0	15.90	75.80	18.0	4.5	
1533	1966 08 01	09 48 2.5	1.20	78.80	61.0	4.7	
1534	1966 08 01	09 50 38.5	17.80	70.60	114.0	4.7	
1535	1966 08 02	01 06 20.4	19.80	69.00	157.0	4.0	
1536	1966 08 06	14 38 43.7	7.40	74.70	156.0	5.1	
1537	1966 08 07	20 22 26.2	17.50	72.20	45.0	4.6	
1538	1966 08 09	10 32 59.6	19.00	69.30	127.0	4.0	
1539	1966 08 09	15 02 32.8	17.40	69.60	168.0	3.8	
1540	1966 08 11	15 10 26.7	18.90	69.60	130.0	4.3	
1541	1966 08 14	07 46 46.7	14.50	68.90	33.0	4.2	
1542	1966 08 20	07 43 27.8	3.20	77.30	115.0	5.5	
1543	1966 08 21	08 48 7.1	15.50	70.20	247.0	3.8	
1544	1966 08 21	09 39 19.8	4.10	79.10	120.0	4.1	
1545	1966 08 23	01 37 14.7	10.80	78.10	117.0	4.4	
1546	1966 08 24	07 17 17.6	19.90	69.10	100.0	5.5	4.9 BRK
1547	1966 08 24	15 41 1.4	7.70	74.30	142.0	4.2	
1548	1966 08 24	20 10 8.6	1.50	77.50	200.0	4.9	

## EARTHQUAKE CATALOG OF PERU

I-37

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
1549	1966 08 26	14 37 26.3	13.70	76.80	50.0	4.4	
1550	1966 08 27	00 59 35.5	11.50	76.50	123.0	4.3	
1551	1966 08 27	15 42 52.3	10.80	79.00	33.0	4.1	
1552	1966 08 29	05 48 8.6	18.50	71.60	26.0	4.7	
1553	1966 08 31	08 59 14.6	8.30	74.30	150.0	3.9	
1554	1966 08 31	09 56 49.7	14.60	75.30	115.0	4.4	
1555	1966 09 03	22 42 17.9	3.60	77.80	167.0	4.0	
1556	1966 09 04	00 31 15.2	19.70	69.30	111.0	4.2	
1557	1966 09 04	05 37 49.9	17.90	74.00	9.0	5.0	
1558	1966 09 06	21 04 32.5	4.90	76.80	123.0	4.3	
1559	1966 09 07	10 20 46.1	9.30	74.60	105.0	4.5	
1560	1966 09 07	12 07 2.4	8.80	79.90	55.0	4.2	
1561	1966 09 09	04 04 5.0	8.30	74.20	166.0	5.0	
1562	1966 09 09	05 28 7.3	16.30	71.80	139.0	4.0	
1563	1966 09 10	16 13 46.4	0.00	81.00	33.0	4.2	
1564	1966 09 10	20 08 59.1	5.10	78.60	48.0	4.3	
1565	1966 09 15	19 17 35.4	20.00	69.10	131.0	4.4	
1566	1966 09 17	12 55 23.4	5.00	77.40	87.0	4.3	
1567	1966 09 18	11 33 18.2	15.40	76.50	34.0	4.5	
1568	1966 09 20	14 32 43.2	15.20	75.50	34.0	4.8	
1569	1966 09 24	01 17 24.1	19.40	69.60	130.0	4.0	
1570	1966 09 25	05 57 26.2	19.70	69.50	125.0	5.1	
1571	1966 09 27	15 24 4.3	18.40	68.50	215.0	3.9	
1572	1966 09 29	17 13 22.2	18.50	69.80	113.0	4.1	
1573	1966 09 30	09 29 11.7	18.20	69.60	122.0	5.1	
1574	1966 10 08	10 32 32.0	19.70	68.80	144.0	4.1	
1575	1966 10 10	15 28 46.4	1.60	78.90	66.0	4.1	
1576	1966 10 10	20 28 33.2	19.70	70.80	36.0	4.4	
1577	1966 10 10	21 06 50.5	19.90	71.10	33.0	4.2	
1578	1966 10 11	03 30 32.5	19.80	71.00	6.0	4.2	
1579	1966 10 12	18 27 48.9	4.70	80.90	45.0	4.6	
1580	1966 10 13	15 45 15.2	8.70	74.30	150.0	5.2	
1581	1966 10 14	22 42 51.0	6.80	71.20	631.0	3.9	
1582	1966 10 15	06 25 37.4	19.80	71.10	33.0	4.3	
1583	1966 10 16	06 48 37.4	19.80	71.00	27.0	5.0	
1584	1966 10 16	15 18 22.0	9.30	75.90	134.0	4.0	
1585	1966 10 16	22 19 17.8	19.90	71.00	33.0	3.8	
1586	1966 10 17	11 11 55.7	13.50	74.60	107.0	4.8	
1587	1966 10 17	21 41 54.7	10.70	78.80	24.0	6.3	
1588	1966 10 17	21 53 14.0	10.60	78.20	43.0	5.5	
1589	1966 10 17	22 26 40.4	10.70	78.70	25.0	5.1	
1590	1966 10 17	23 04 23.3	10.30	78.60	41.0	5.1	
1591	1966 10 17	23 32 37.3	10.70	78.80	30.0	5.0	

I-38

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1592	1966	10	17	23	46	51.5	10.00	79.50	39.0	5.2	
1593	1966	10	18	01	03	44.0	10.80	78.90	40.0	4.3	
1594	1966	10	18	01	53	43.0	10.10	78.60	33.0	4.3	
1595	1966	10	18	01	56	16.5	10.60	78.90	40.0	4.6	
1596	1966	10	18	04	42	55.3	11.30	78.50	25.0	4.4	
1597	1966	10	18	08	26	7.7	10.60	79.50	30.0	4.9	
1598	1966	10	18	09	00	1.0	11.00	78.80	33.0	4.0	
1599	1966	10	18	11	02	2.9	10.80	79.20	25.0	4.6	
1600	1966	10	18	12	52	12.8	10.90	79.20	25.0	4.7	
1601	1966	10	19	00	51	4.3	10.80	79.00	25.0	4.5	
1602	1966	10	19	02	17	44.3	10.30	79.50	33.0	5.0	
1603	1966	10	19	06	05	56.0	11.10	79.10	33.0	4.5	
1604	1966	10	19	07	25	41.7	11.40	78.40	30.0	4.4	
1605	1966	10	19	17	37	56.9	10.80	79.00	43.0	4.8	
1606	1966	10	19	22	23	37.0	10.80	79.00	33.0	4.3	
1607	1966	10	20	22	22	48.6	12.00	71.70	41.0	4.5	
1608	1966	10	20	23	50	54.3	10.70	79.00	39.0	4.6	
1609	1966	10	23	03	46	15.0	11.10	79.10	32.0	4.6	
1610	1966	10	23	15	32	52.6	10.80	79.00	30.0	5.0	
1611	1966	10	25	14	53	9.0	10.70	78.80	51.0	4.5	
1612	1966	10	27	00	16	51.7	15.50	76.10	10.0	4.1	
1613	1966	10	27	10	07	39.5	15.10	72.10	130.0	4.2	
1614	1966	10	27	12	08	34.1	10.00	79.50	33.0	5.0	
1615	1966	10	29	04	45	36.0	10.90	77.60	27.0	4.3	
1616	1966	10	29	15	32	20.2	10.70	78.90	30.0	5.0	
1617	1966	10	29	15	42	12.2	10.70	79.00	30.0	4.7	
1618	1966	10	31	02	59	3.2	19.90	71.20	26.0	4.2	
1619	1966	11	03	13	26	34.0	15.40	75.30	73.0	4.4	
1620	1966	11	04	08	55	50.8	4.40	77.80	57.0	4.6	
1621	1966	11	04	09	15	1.0	4.40	77.80	86.0	4.5	
1622	1966	11	07	07	00	4.2	19.70	69.40	128.0	4.1	
1623	1966	11	07	20	31	30.2	7.70	75.90	115.0	5.0	
1624	1966	11	08	14	55	35.4	10.60	78.50	33.0	4.5	
1625	1966	11	09	02	01	58.1	14.90	71.70	132.0	4.5	
1626	1966	11	11	20	17	46.7	1.20	79.20	120.0	4.0	
1627	1966	11	12	18	49	32.0	18.20	70.20	33.0	5.0	ISC
1628	1966	11	13	01	18	58.5	11.00	74.70	46.0	4.8	
1629	1966	11	13	14	24	39.8	8.30	74.20	172.0	4.9	
1630	1966	11	14	02	58	31.0	7.60	71.30	33.0	4.8	ISC
1631	1966	11	14	12	58	37.9	18.40	69.40	132.0	5.5	
1632	1966	11	14	21	44	31.7	19.10	69.20	125.0	4.5	
1633	1966	11	15	17	32	33.7	15.20	72.70	106.0		
1634	1966	11	16	17	22	25.6	17.00	72.90	64.0	4.4	

## EARTHQUAKE CATALOG OF PERU

1-39

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1635	1966	11	19	03 02 19.6	16.10	74.30	33.0	4.4	
1636	1966	11	19	18 20 29.2	10.70	79.10	26.0	4.8	
1637	1966	11	20	01 52 45.7	12.20	76.50	101.0	4.2	
1638	1966	11	20	06 09 33.0	15.40	69.50	116.0	4.1	
1639	1966	11	25	19 01 23.0	11.30	73.70	33.0	4.8	ISC
1640	1966	12	01	00 17 48.4	15.20	73.10	62.0	4.4	
1641	1966	12	01	11 41 37.2	8.80	79.40	33.0	4.1	
1642	1966	12	07	18 23 9.3	1.60	80.30	80.0	4.2	
1643	1966	12	08	11 34 29.2	1.50	80.50	98.0	4.5	
1644	1966	12	09	10 06 54.6	14.20	70.10	215.0	4.9	
1645	1966	12	09	13 32 35.0	10.60	78.90	33.0	4.6	
1646	1966	12	10	20 23 21.0	19.80	71.30	8.0	4.4	
1647	1966	12	13	10 59 5.5	12.40	75.10	21.0	4.3	
1648	1966	12	14	05 39 31.4	15.70	70.60	212.0	3.8	
1649	1966	12	14	08 39 45.0	12.60	75.00	98.0	4.3	
1650	1966	12	16	09 01 27.9	16.30	72.50	188.0		
1651	1966	12	18	23 59 33.9	10.60	79.00	38.0	4.7	
1652	1966	12	19	02 10 31.6	16.00	71.90	115.0	4.9	
1653	1966	12	21	10 50 3.3	19.70	69.20	125.0	4.2	
1654	1966	12	22	15 57 21.6	15.10	72.00	128.0	4.1	
1655	1966	12	23	18 59 5.1	7.40	74.70	139.0	5.2	
1656	1966	12	26	10 17 14.0	19.80	69.80	56.0	4.3	ISC
1657	1966	12	26	20 29 42.3	10.80	79.00	19.0	4.6	
1658	1967	01	01	09 55 11.3	17.19	70.68	123.0D	4.3	
1659	1967	01	03	04 55 57.5	1.25	77.68	195.0	4.3	
1660	1967	01	04	19 53 42.3	14.51	70.71	101.0	4.0	
1661	1967	01	12	05 44 0.3	18.35	70.42	99.0	4.8	
1662	1967	01	20	00 59 41.9	15.23	73.52	105.0	4.7	
1663	1967	01	22	11 50 49.9	19.10	69.11	130.0	4.4	
1664	1967	01	26	20 02 24.0	18.68	69.60	119.0	4.2	
1665	1967	01	27	08 38 51.2	8.86	71.42	600.0G	4.7	
1666	1967	01	29	18 27 44.1	4.63	77.84	74.0	4.2	
1667	1967	02	01	14 44 9.4	16.69	72.78	53.0	4.9	
1668	1967	02	04	05 42 49.6	19.82	69.25	118.0	4.3	
1669	1967	02	05	03 20 44.3	5.10	80.56	82.0	4.1	
1670	1967	02	05	16 45 47.5	12.85	74.00	102.0	4.3	
1671	1967	02	08	12 18 0.5	18.32	70.04	107.0	4.2	
1672	1967	02	08	13 42 16.6	19.17	69.62	112.0	4.1	
1673	1967	02	10	06 51 37.0	16.32	69.58	288.0	4.2	
1674	1967	02	11	19 25 2.5	15.13	72.03	133.0	4.0	
1675	1967	02	13	10 25 44.0	5.18	75.41	39.0	5.3	
1676	1967	02	15	16 11 11.5	9.07	71.38	595.0	6.1	6.9 PAS
1677	1967	02	15	16 46 32.0	8.60	80.60	33.0	4.5	ISC

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
1678	1967 02 17	23 26 46.8	15.91	71.23	88.0	4.4	5.0 BRK
1679	1967 02 18	18 59 49.3	10.47	75.03	33.0	4.6 ISC	
1680	1967 03 01	20 33 38.0	19.39	69.56	174.0	3.8	
1681	1967 03 02	02 47 32.4	0.23	78.61	124.0	5.8	
1682	1967 03 05	10 13 30.1	1.43	77.81	213.0	3.7	
1683	1967 03 07	15 30 26.9	1.61	78.27	164.0D	4.2	5.0 BRK
1684	1967 03 09	11 50 29.7	17.14	73.33	33.0N	3.6	
1685	1967 03 09	19 56 59.4	17.65	69.68	157.0D	4.3	
1686	1967 03 09	20 12 33.9	19.13	69.60	115.0	4.4	
1687	1967 03 13	22 09 45.8	18.14	69.36	138.0	4.0	
1688	1967 03 19	21 42 42.8	10.80	74.79	128.0	4.3	
1689	1967 03 22	05 05 18.8	10.77	78.96	33.0N	4.7	
1690	1967 03 22	05 20 15.8	11.07	79.24	33.0N	4.6	
1691	1967 03 24	15 38 48.3	6.72	74.98	138.0	4.8	
1692	1967 03 25	20 32 1.7	8.34	71.32	583.0	4.2	
1693	1967 03 26	23 56 48.2	10.36	73.85	133.0	4.5	
1694	1967 03 27	08 26 34.6	8.91	71.35	605.0D	5.3	
1695	1967 03 28	03 29 40.8	16.17	74.34	62.0	4.3	
1696	1967 03 28	04 51 32.2	5.03	81.04	60.0G	4.4	
1697	1967 03 31	08 24 3.5	2.34	76.39	177.0	3.9	
1698	1967 04 02	01 35 34.9	8.63	75.87	28.0	4.6	
1699	1967 04 02	01 58 15.4	10.25	75.80	33.0N	4.5	
1700	1967 04 02	11 42 43.7	1.37	79.38	143.0	3.9	
1701	1967 04 02	16 37 57.6	8.55	74.37	142.0	4.0	
1702	1967 04 05	18 12 2.3	16.21	73.29	89.0	4.4	
1703	1967 04 07	06 29 57.9	16.12	72.90	101.0	4.3	
1704	1967 04 10	01 57 42.8	8.53	72.93	272.0	4.2	
1705	1967 04 13	05 30 4.0	6.16	76.52	41.0	4.8	
1706	1967 04 18	09 48 50.2	1.15	80.89	47.0	4.2	
1707	1967 04 19	06 26 59.0	1.12	80.90	58.0	4.5	
1708	1967 04 21	22 57 43.4	16.47	69.68	213.0	4.3	
1709	1967 04 22	19 29 33.3	5.76	79.82	33.0N	4.3	
1710	1967 04 24	14 54 42.2	6.31	80.39	198.0	4.2	
1711	1967 04 28	17 45 16.8	2.78	79.43	82.0	4.3	
1712	1967 04 29	02 21 17.3	3.99	76.14	124.0	4.4	
1713	1967 04 30	08 39 7.8	8.49	74.87	136.0D	4.9	5.0 BRK
1714	1967 05 05	16 36 24.9	18.82	71.22	30.0	4.0	
1715	1967 05 08	07 01 43.1	8.30	78.90	78.0	4.2	
1716	1967 05 10	12 48 10.0	16.20	72.00	162.0	4.0 ISC	
1717	1967 05 10	19 02 36.5	3.86	79.82	33.0N	4.1	
1718	1967 05 10	20 35 23.2	15.67	76.33	33.0N	4.6	5.0 BRK
1719	1967 05 12	02 21 41.2	7.15	73.11	58.0	4.3	
1720	1967 05 14	11 48 48.0	11.20	77.70	33.0	4.4 ISC	

## EARTHQUAKE CATALOG OF PERU

I-41

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1721	1967	05	15	17	08	57.2	10.27	74.62	117.0	5.0	
1722	1967	05	16	00	57	56.6	15.84	75.29	33.0N	4.7	
1723	1967	05	17	07	08	50.1	7.53	81.47	33.0N	3.9	
1724	1967	05	17	07	16	50.5	8.43	80.12	45.0	4.3	
1725	1967	05	18	07	48	51.8	0.96	78.78	14.0	4.4	
1726	1967	05	20	06	33	42.9	16.17	75.31	33.0N	4.7	
1727	1967	05	21	08	28	49.5	16.54	75.57	12.0	4.4	
1728	1967	06	01	09	44	6.9	9.80	75.70	28.0	4.4	
1729	1967	06	03	06	11	7.8	10.80	79.00	33.0	4.6	
1730	1967	06	03	13	08	6.8	8.50	74.40	152.0	5.2	
1731	1967	06	04	18	16	27.1	15.70	75.60	33.0	4.3	
1732	1967	06	04	18	28	39.6	15.50	75.70	38.0	4.7	
1733	1967	06	07	11	39	49.1	1.00	78.70	26.0	4.4	
1734	1967	06	08	18	10	0.4	11.30	76.90	145.0	4.3	
1735	1967	06	09	01	00	29.9	18.60	71.50	35.0	4.2	
1736	1967	06	09	05	44	36.7	11.30	79.40	33.0	4.0	
1737	1967	06	10	16	55	5.1	18.80	69.60	118.0	4.1	
1738	1967	06	11	06	53	29.8	8.20	74.20	181.0	4.0	
1739	1967	06	14	03	14	17.5	14.90	73.40	99.0	5.6	
1740	1967	06	16	10	01	34.7	15.00	75.60	22.0	4.6	
1741	1967	06	18	13	10	54.3	4.00	81.10	58.0	4.3	
1742	1967	06	21	06	09	34.7	12.30	77.80	33.0	4.5	ISC
1743	1967	06	21	06	49	56.6	2.20	77.60	49.0	5.3	
1744	1967	06	22	12	06	24.0	2.40	78.20	71.0	4.1	ISC
1745	1967	06	22	13	49	48.7	2.30	77.60	33.0	4.8	
1746	1967	06	22	20	53	55.4	2.40	77.80	14.0	4.1	
1747	1967	06	23	17	24	47.7	2.40	77.90	33.0	3.9	
1748	1967	06	24	07	16	40.6	2.40	80.00	111.0	4.1	
1749	1967	06	24	18	07	28.5	15.50	74.00	90.0	4.9	
1750	1967	06	25	05	56	52.5	1.40	76.50	33.0	3.9	
1751	1967	06	26	02	10	30.6	2.60	78.30	38.0	3.8	
1752	1967	06	26	10	57	58.9	11.30	74.90	47.0	4.2	
1753	1967	06	26	13	01	12.6	11.30	75.10	53.0	4.3	
1754	1967	07	03	05	28	11.4	16.00	74.90	40.0	4.7	
1755	1967	07	03	23	58	14.2	8.50	74.40	92.0	4.4	
1756	1967	07	06	10	25	23.6	17.20	71.50	125.0	3.8	
1757	1967	07	07	10	26	57.7	13.30	77.10	121.0	4.3	
1758	1967	07	08	10	24	56.4	8.79	74.48	158.0	4.6	ISC
1759	1967	07	13	14	20	38.7	15.20	74.90	74.0	5.2	
1760	1967	07	13	21	01	35.7	1.50	77.40	199.0	4.6	
1761	1967	07	14	03	19	26.8	17.60	72.30	37.0	5.1	
1762	1967	07	14	10	08	45.5	6.40	77.40	146.0	4.6	
1763	1967	07	15	06	10	41.0	19.40	69.30	126.0	3.6	

1-42

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr mo dy	hr mn sec				mb	Ms
1764	1967 07 16	21 03 52.8	13.10	75.20	95.0	4.6	
1765	1967 07 18	09 07 0.2	9.00	80.70	33.0	4.2	
1766	1967 07 18	14 16 10.0	18.70	71.30	27.0	4.2	
1767	1967 07 20	12 07 58.0	19.60	71.30	33.0	4.2	
1768	1967 07 20	20 24 38.0	15.60	71.10	17.0	4.5	
1769	1967 07 24	04 35 51.2	2.40	77.90	33.0	4.1	
1770	1967 07 24	04 45 23.2	11.30	79.50	33.0	4.8	
1771	1967 07 24	10 13 57.0	13.52	76.34	63.0	4.7	ISC
1772	1967 07 24	11 19 32.6	17.16	72.12	100.0	4.2	ISC
1773	1967 07 25	16 14 43.6	18.80	69.20	134.0	3.7	
1774	1967 07 29	09 48 32.5	1.10	78.50	28.0	4.0	
1775	1967 07 29	11 30 53.6	15.70	75.50	48.0	4.1	
1776	1967 07 30	21 58 42.5	11.30	75.00	33.0	4.5	
1777	1967 08 01	01 13 42.6	13.00	76.80	66.0	5.5	
1778	1967 08 01	16 49 57.6	8.50	75.00	118.0	4.4	
1779	1967 08 03	12 40 21.1	13.50	74.80	116.0	5.2	
1780	1967 08 05	08 26 17.7	8.10	74.90	33.0	4.5	ISC
1781	1967 08 05	14 46 32.9	8.20	75.10	132.0	4.3	
1782	1967 08 06	08 07 20.7	17.00	69.50	192.0	4.0	
1783	1967 08 09	07 14 8.1	8.50	73.80	46.0	5.0	
1784	1967 08 15	11 18 33.6	8.30	80.40	33.0	4.3	
1785	1967 08 16	02 37 11.9	14.20	75.60	86.0	4.2	
1786	1967 08 18	19 05 7.9	5.00	81.40	55.0	4.3	
1787	1967 08 22	07 42 44.7	11.00	78.20	53.0	5.0	
1788	1967 08 22	08 55 54.6	19.70	70.70	46.0	4.8	
1789	1967 08 22	09 59 34.5	12.50	76.80	57.0	4.8	
1790	1967 08 22	10 27 52.8	19.60	71.00	40.0	4.0	
1791	1967 08 23	00 09 26.0	19.70	71.00	29.0	4.6	
1792	1967 08 23	02 40 23.3	19.60	71.10	37.0	4.2	
1793	1967 08 23	09 21 59.4	4.30	81.50	33.0	5.0	
1794	1967 08 24	13 07 52.7	18.40	75.10	33.0	4.6	
1795	1967 08 26	13 30 38.9	17.70	72.00	33.0	4.2	
1796	1967 08 28	00 56 51.0	10.00	71.20	609.0	4.7	
1797	1967 08 29	16 45 1.3	19.70	70.50	33.0	4.2	
1798	1967 08 31	14 06 36.5	10.30	78.10	62.0	5.0	
1799	1967 09 03	21 07 30.8	10.60	79.80	38.0	6.5	
1800	1967 09 04	05 32 15.3	10.40	79.30	46.0	4.7	
1801	1967 09 04	16 06 8.7	9.20	77.30	33.0	4.8	
1802	1967 09 12	04 51 49.3	16.80	72.40	33.0	4.0	
1803	1967 09 12	10 16 49.2	19.70	69.90	125.0	4.5	
1804	1967 09 13	15 13 46.9	10.50	79.50	33.0	4.7	
1805	1967 09 14	03 58 29.1	18.10	71.60	33.0	4.1	
1806	1967 09 20	09 33 54.1	8.00	74.50	145.0	5.1	



## EARTHQUAKE CATALOG OF PERU

I-43

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1807	1967 09 25	04 00 39.5	15.80	75.10	16.0	4.4	
1808	1967 09 25	04 03 50.1	15.90	75.20	33.0	4.7	
1809	1967 09 26	01 35 4.1	17.50	73.30	22.0	4.5	
1810	1967 09 27	06 02 39.5	7.30	81.30	37.0	5.1	
1811	1967 09 29	02 48 21.2	19.74	68.99	124.0	4.1	ISC
1812	1967 10 01	12 22 46.1	2.30	79.90	68.0	4.5	
1813	1967 10 05	09 41 31.4	14.50	75.40	100.0	5.6	
1814	1967 10 06	08 20 59.0	4.00	75.00	33.0	4.1	ISC
1815	1967 10 06	14 45 19.4	1.50	77.80	167.0	4.1	
1816	1967 10 06	16 16 6.8	8.30	74.00	183.0	4.0	
1817	1967 10 11	20 28 10.2	10.30	71.20	585.0	5.0	
1818	1967 10 14	01 07 15.0	1.11	80.40	82.0	4.0	ISC
1819	1967 10 15	21 11 10.8	3.80	78.30	10.0	4.4	
1820	1967 10 16	01 31 49.6	10.70	77.60	89.0	4.7	
1821	1967 10 17	05 41 15.5	13.70	76.50	78.0	4.4	
1822	1967 10 20	04 39 12.0	5.10	75.20	116.0	4.0	ISC
1823	1967 10 22	04 40 53.1	17.00	69.90	161.0	4.1	
1824	1967 10 22	06 39 5.3	0.72	78.70	33.0	3.9	ISC
1825	1967 10 22	23 46 35.8	14.80	76.00	39.0	4.4	
1826	1967 10 24	15 17 54.0	2.40	79.00	123.0	5.0	
1827	1967 10 27	06 29 33.8	8.40	74.20	144.0	4.7	
1828	1967 10 30	02 52 6.4	0.59	78.54	33.0	4.5	ISC
1829	1967 10 30	14 00 57.0	19.30	69.80	33.0	4.3	ISC
1830	1967 11 03	08 15 34.4	7.60	81.40	14.0	5.2	
1831	1967 11 04	16 26 48.2	2.80	77.70	99.0	6.0	
1832	1967 11 05	21 38 52.0	16.20	69.40	235.0	3.8	
1833	1967 11 06	22 12 40.8	11.50	75.60	180.0	4.0	
1834	1967 11 08	10 47 45.3	20.00	70.30	60.0	4.6	
1835	1967 11 09	08 09 10.8	16.90	71.50	97.0	3.8	
1836	1967 11 12	08 49 24.5	15.60	74.60	68.0	3.9	
1837	1967 11 14	10 18 41.2	19.20	69.60	116.0	4.1	
1838	1967 11 15	18 37 31.0	2.00	81.00	33.0	4.7	
1839	1967 11 15	19 29 53.1	15.90	73.60	81.0	4.4	
1840	1967 11 19	06 58 54.7	1.10	78.30	6.0	4.2	
1841	1967 11 19	19 41 36.9	19.30	70.50	59.0	4.0	
1842	1967 11 21	12 05 9.6	16.10	74.40	36.0	4.3	
1843	1967 11 23	22 42 54.9	10.00	75.60	122.0	4.2	
1844	1967 11 24	17 58 2.2	17.20	71.60	69.0	4.0	
1845	1967 11 26	07 35 53.9	13.30	77.20	33.0	4.5	
1846	1967 11 29	02 59 47.7	11.10	74.30	33.0	4.4	ISC
1847	1967 11 30	18 05 19.2	8.10	80.20	45.0	5.1	
1848	1967 12 08	12 14 39.9	15.50	71.80	156.0	3.6	
1849	1967 12 09	09 25 39.8	17.10	70.70	76.0	4.7	

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1850	1967 12 10	23 46 32.8	14.40	72.20	33.0	4.4	ISC
1851	1967 12 11	04 27 21.8	13.70	69.80	70.0	4.4	
1852	1967 12 11	14 16 7.1	5.50	77.70	118.0	4.7	
1853	1967 12 11	21 57 1.9	9.10	75.10	33.0	4.5	ISC
1854	1967 12 16	03 19 13.4	2.90	77.00	121.0	5.0	
1855	1967 12 16	09 20 12.2	7.80	81.50	27.0	4.1	
1856	1967 12 19	14 14 41.7	16.10	75.10	47.0	4.4	
1857	1967 12 21	05 17 54.2	18.00	69.30	158.0	4.3	
1858	1967 12 21	07 50 34.8	16.40	72.60	99.0	5.0	
1859	1967 12 23	02 40 8.3	9.90	74.70	126.0	5.1	
1860	1967 12 23	22 57 43.7	6.60	78.50	43.0	4.5	
1861	1967 12 26	23 46 24.6	10.70	73.90	120.0	4.4	
1862	1967 12 27	06 40 23.0	19.70	69.10	125.0	4.4	ISC
1863	1967 12 29	23 57 48.5	7.90	74.40	135.0	4.3	
1864	1967 12 30	19 14 39.1	19.40	69.10	82.0	3.9	
1865	1968 01 01	01 02 58.0	9.10	80.40	33.0	4.1	ISC
1866	1968 01 01	08 16 15.3	11.20	76.00	132.0	4.4	
1867	1968 01 04	03 39 25.9	9.50	75.50	94.0	4.4	
1868	1968 01 06	14 32 35.7	8.60	74.30	155.0	4.3	
1869	1968 01 08	18 44 24.5	18.60	69.90	116.0	5.4	
1870	1968 01 08	23 43 20.4	8.89	74.62	33.0	4.4	ISC
1871	1968 01 11	02 43 40.1	16.90	71.50	89.0	4.4	
1872	1968 01 13	04 03 43.3	8.24	75.20	33.0	4.3	ISC
1873	1968 01 15	08 18 11.2	2.20	78.60	121.0	4.0	
1874	1968 01 22	03 44 58.9	8.40	74.20	168.0	4.4	
1875	1968 01 28	04 37 58.0	17.20	71.90	72.0	4.1	ISC
1876	1968 01 30	09 24 45.0	14.50	70.10	85.0	4.2	ISC
1877	1968 01 31	14 11 35.9	16.30	73.80	62.0	3.9	
1878	1968 02 03	11 43 4.4	12.20	76.30	46.0	5.0	
1879	1968 02 04	11 27 24.8	19.60	68.20	114.0	5.3	
1880	1968 02 05	01 35 58.4	16.00	69.00	177.0	3.9	
1881	1968 02 08	22 50 4.6	9.10	71.40	593.0	4.7	
1882	1968 02 14	23 20 39.2	18.40	69.30	139.0	4.4	
1883	1968 02 17	23 08 15.3	18.90	69.50	128.0	4.0	
1884	1968 02 18	10 53 59.9	16.30	71.90	31.0	5.1	
1885	1968 02 19	02 57 57.0	10.60	80.00	33.0	4.4	ISC
1886	1968 02 24	07 31 35.2	15.70	71.20	60.0	4.5	
1887	1968 03 03	16 16 28.7	2.40	76.50	150.0	4.3	
1888	1968 03 04	08 37 20.0	19.27	69.20	132.0	3.8	ISC
1889	1968 03 04	21 55 2.9	8.90	74.30	51.0	4.5	
1890	1968 03 08	04 08 36.5	2.00	76.80	160.0	4.1	
1891	1968 03 08	08 23 0.0	4.20	77.90	106.0	4.2	
1892	1968 03 11	17 06 45.9	17.90	69.90	131.0	4.0	

## EARTHQUAKE CATALOG OF PERU

1-45

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1893	1968	03	12	12	35	52.0	11.40	76.90	31.0	4.5	
1894	1968	03	15	04	17	3.0	17.63	71.70	54.0	4.3	ISC
1895	1968	03	18	17	55	20.6	3.31	75.30	215.0	3.8	ISC
1896	1968	03	21	21	24	49.4	1.10	78.70	39.0	4.2	
1897	1968	03	22	03	24	4.8	13.20	74.70	104.0	4.4	
1898	1968	03	25	11	40	55.1	16.40	72.61	128.0	3.9	ISC
1899	1968	03	28	02	00	35.7	10.60	77.00	50.0	4.2	
1900	1968	04	04	02	46	14.8	2.60	79.00	90.0	4.0	
1901	1968	04	07	13	16	31.6	11.20	79.30	14.0	4.5	
1902	1968	04	07	23	49	4.5	5.00	78.00	68.0	4.9	
1903	1968	04	11	01	01	14.6	14.60	71.00	41.0	4.4	
1904	1968	04	11	11	41	42.7	19.10	69.40	137.0	4.0	
1905	1968	04	15	07	47	40.3	5.80	80.90	35.0	4.9	
1906	1968	04	17	06	54	19.6	5.60	77.10	36.0	4.9	
1907	1968	04	20	14	07	23.3	8.30	80.10	38.0	4.6	
1908	1968	04	21	22	10	41.0	17.40	72.40	43.0	4.5	
1909	1968	04	23	13	48	38.5	1.00	80.60	32.0	4.3	
1910	1968	04	24	02	54	20.0	1.10	80.30	63.0	3.9	
1911	1968	04	26	11	54	47.7	14.40	70.50	212.0	4.9	
1912	1968	04	29	00	30	20.2	9.38	71.75	33.0	4.1	ISC
1913	1968	04	29	03	15	35.0	16.30	74.80	33.0	4.3	ISC
1914	1968	04	29	22	26	54.4	2.60	77.20	131.0	4.7	
1915	1968	05	01	02	15	28.0	19.90	70.40	33.0	4.1	ISC
1916	1968	05	09	12	52	24.4	5.31	81.72	35.0D	5.6	
1917	1968	05	09	13	35	52.5	5.20	82.00	33.0	4.0	ISC
1918	1968	05	09	18	32	33.3	18.40	69.36	125.0D	5.0	
1919	1968	05	11	10	39	0.6	13.28	68.89	33.0N	3.6	
1920	1968	05	16	08	25	9.2	3.75	76.60	113.0	5.4	
1921	1968	05	21	14	44	58.3	15.86	72.97	111.0	4.1	
1922	1968	05	22	09	35	30.0	5.50	81.60	77.0	4.3	ISC
1923	1968	05	25	04	00	24.0	19.84	68.50	201.0	4.0	
1924	1968	05	27	04	15	37.0	8.10	76.90	103.0	4.2	ISC
1925	1968	05	27	07	24	24.1	16.73	72.00	114.0	4.0	ISC
1926	1968	05	27	18	25	1.0	7.22	80.60	33.0N	4.8	
1927	1968	06	05	13	53	51.0	7.90	74.42	157.0	4.4	
1928	1968	06	11	14	41	25.0	2.87	79.08	196.0	3.7	
1929	1968	06	12	10	50	6.0	19.15	70.74	33.0N	4.3	
1930	1968	06	12	13	18	35.0	19.41	69.49	121.0	4.1	
1931	1968	06	12	17	33	8.0	6.41	76.54	112.0	4.2	
1932	1968	06	17	03	08	22.0	2.90	79.20	105.0	4.1	ISC
1933	1968	06	18	11	35	15.9	19.77	69.66	230.0G	4.7	
1934	1968	06	19	08	13	35.0	5.56	77.15	28.0	6.4	6.9 H
1935	1968	06	19	08	36	26.7	5.30	77.13	33.0	4.7	ISC

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1936	1968 06 19	08 38 13.0	3.40	77.30	405.0	4.4 ISC	
1937	1968 06 19	09 01 24.0	4.60	78.70	128.0	4.3 ISC	
1938	1968 06 19	09 01 59.0	5.90	77.20	147.0	4.3 ISC	
1939	1968 06 19	09 04 59.0	5.40	76.86	255.0	4.3 ISC	
1940	1968 06 19	09 05 48.9	5.37	77.26	26.0	5.3 ISC	
1941	1968 06 19	09 11 21.0	4.10	77.40	278.0	4.4 ISC	
1942	1968 06 19	09 17 20.9	5.75	77.00	91.0	4.6 ISC	
1943	1968 06 19	09 27 11.0	5.56	76.95	33.0N	4.3	
1944	1968 06 19	09 28 1.0	5.70	77.12	38.0	4.7	
1945	1968 06 19	09 35 20.3	5.14	77.13	33.0	4.0 ISC	
1946	1968 06 19	10 18 46.3	5.57	77.16	33.0N	4.9	
1947	1968 06 19	10 26 44.0	7.50	80.50	33.0	4.3 ISC	
1948	1968 06 19	10 57 25.0	5.53	77.09	33.0N	4.7	
1949	1968 06 19	11 00 6.0	5.30	77.12	33.0	4.5 ISC	
1950	1968 06 19	12 42 17.0	5.62	77.09	23.0	4.4	
1951	1968 06 19	12 46 13.0	5.62	77.31	33.0N	4.7	
1952	1968 06 19	14 20 17.0	5.59	77.04	33.0N	4.3	
1953	1968 06 19	14 40 29.0	6.80	78.80	155.0	3.9 ISC	
1954	1968 06 19	16 54 30.0	5.64	77.17	33.0N	4.8	
1955	1968 06 19	17 06 10.0	5.70	77.07	33.0N	4.5	
1956	1968 06 19	17 07 44.5	5.52	77.25	33.0N	5.0	
1957	1968 06 19	18 54 51.0	6.60	77.20	220.0	3.9 ISC	
1958	1968 06 19	21 19 11.2	5.66	77.10	33.0	4.5 ISC	
1959	1968 06 19	23 38 58.5	5.70	77.18	33.0N	5.1	4.4 H
1960	1968 06 20	00 11 19.0	5.53	77.32	33.0N	4.4	
1961	1968 06 20	00 28 14.0	5.41	77.03	33.0N	4.3	
1962	1968 06 20	00 47 48.0	5.51	76.97	33.0N	4.4	
1963	1968 06 20	02 38 38.4	5.59	77.33	33.0N	5.8	5.7 H
1964	1968 06 20	05 44 45.0	5.47	77.25	33.0N	4.3	
1965	1968 06 20	08 11 10.5	5.76	77.33	33.0N	5.3	
1966	1968 06 20	15 51 56.5	5.72	77.25	33.0N	4.7	4.7 H
1967	1968 06 20	21 48 7.0	19.30	69.35	120.0	3.9	
1968	1968 06 21	00 26 7.8	5.72	77.28	22.0	5.6	
1969	1968 06 21	02 19 59.0	5.55	77.06	33.0	4.3	
1970	1968 06 21	07 24 17.0	5.45	77.31	25.0	4.8	
1971	1968 06 21	07 31 17.3	5.49	77.23	33.0N	4.9	
1972	1968 06 21	12 28 54.0	5.49	77.19	15.0G	4.4	
1973	1968 06 21	12 51 41.0	5.46	76.95	33.0N	4.1	
1974	1968 06 22	04 02 19.5	5.74	77.07	25.0D	4.6	
1975	1968 06 22	04 24 45.0	5.58	76.99	33.0N	4.6	
1976	1968 06 22	04 29 8.9	18.07	71.00	83.0	3.9 ISC	
1977	1968 06 22	09 16 50.0	5.51	77.03	34.0	4.6	
1978	1968 06 22	11 59 13.0	5.62	77.03	33.0N	4.3	

## EARTHQUAKE CATALOG OF PERU

1-47

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	(deg)	(deg)	(km)	mb	Ms
1979	1968 06 22	18 34 7.0	5.50	77.11	33.0	4.5	
1980	1968 06 22	20 16 55.0	5.60	77.25	33.0N	4.4	
1981	1968 06 23	11 26 19.0	15.38	70.41	215.0	4.4	
1982	1968 06 23	19 09 48.0	5.64	77.33	33.0N	4.2	
1983	1968 06 23	19 18 29.0	7.10	76.70	33.0	4.3	ISC
1984	1968 06 24	02 59 34.0	5.76	77.34	33.0N	4.4	
1985	1968 06 24	10 58 59.0	5.53	77.10	23.0	4.2	
1986	1968 06 24	14 03 48.0	5.76	77.14	53.0D	4.7	
1987	1968 06 25	03 03 4.0	6.20	76.50	224.0	3.7	ISC
1988	1968 06 25	10 03 51.0	5.50	77.26	33.0N	4.2	
1989	1968 06 26	04 53 45.3	5.69	77.20	27.0	4.9	
1990	1968 06 26	05 17 33.2	6.40	77.20	194.0	3.8	ISC
1991	1968 06 26	06 33 49.0	5.76	77.56	33.0N	4.3	
1992	1968 06 26	06 46 41.0	6.20	76.70	153.0	4.1	ISC
1993	1968 06 26	16 31 20.0	17.13	70.75	119.0	4.2	
1994	1968 06 26	16 34 12.7	5.58	77.17	34.0	5.0	
1995	1968 06 26	20 51 9.6	5.58	77.29	33.0N	4.4	
1996	1968 06 27	07 10 35.0	5.57	77.07	37.0	4.4	
1997	1968 06 27	09 35 40.0	5.76	76.60	67.0	4.0	ISC
1998	1968 06 27	10 27 4.0	5.96	77.80	114.0	4.3	ISC
1999	1968 06 27	11 47 45.0	7.54	74.25	102.0	4.5	
2000	1968 06 27	12 16 52.0	11.42	74.62	13.0	4.6	
2001	1968 06 29	18 43 26.0	5.55	77.05	33.0N	4.5	
2002	1968 06 30	02 09 47.0	5.36	77.15	24.0	4.1	
2003	1968 07 01	11 08 23.0	5.68	77.14	52.0	4.8	
2004	1968 07 02	00 23 13.0	16.33	73.02	33.0N	4.1	
2005	1968 07 03	15 24 54.0	5.53	77.14	33.0N	4.2	
2006	1968 07 05	06 45 42.0	5.49	77.63	33.0N	4.4	
2007	1968 07 07	12 35 50.0	5.42	76.87	34.0	4.4	
2008	1968 07 07	23 48 8.2	5.76	77.14	27.0	5.5	5.2 H
2009	1968 07 08	05 24 42.0	15.88	72.26	122.0		
2010	1968 07 08	08 45 47.0	5.69	77.06	33.0N	4.8	
2011	1968 07 09	05 13 45.2	2.31	76.67	156.0	4.0	
2012	1968 07 14	10 01 11.0	5.43	77.29	33.0N	4.5	
2013	1968 07 14	15 19 59.0	5.44	76.89	33.0N	4.2	
2014	1968 07 16	12 30 57.0	5.69	77.19	33.0N	4.6	
2015	1968 07 16	13 18 43.2	5.68	77.16	27.0D	5.0	
2016	1968 07 16	14 01 51.0	5.69	77.02	33.0N	4.5	
2017	1968 07 23	07 14 48.3	5.86	77.02	116.0	4.0	
2018	1968 07 24	22 31 40.4	2.55	77.81	79.0	4.9	
2019	1968 07 25	21 22 1.1	17.50	72.27	33.0N	4.1	
2020	1968 07 26	14 00 3.6	8.57	74.23	151.0	5.2	
2021	1968 07 27	22 06 9.0	5.50	76.63	139.0	4.2	

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2022	1968	07	27	23 18 28.7	16.34	69.24	214.0	4.2	6.4 H
2023	1968	07	28	18 36 10.3	5.61	76.95	46.0	5.0	
2024	1968	07	29	05 57 5.9	19.16	69.77	71.0D	5.2	
2025	1968	07	30	20 38 42.0	6.93	80.46	37.0	5.8	
2026	1968	08	01	01 53 32.9	19.23	70.73	147.0		
2027	1968	08	02	07 33 1.0	0.94	78.13	41.0	4.0	
2028	1968	08	02	10 09 30.9	5.75	77.43	76.0	4.3	
2029	1968	08	03	04 23 3.0	14.89	75.78	68.0	4.3	
2030	1968	08	05	04 20 44.4	8.77	71.17	564.0	3.8	
2031	1968	08	05	14 23 44.4	12.82	76.80	78.0	4.4	
2032	1968	08	11	02 41 52.8	15.19	73.97	91.0D	5.6	4.3 H
2033	1968	08	18	06 38 25.8	6.75	78.41	156.0	3.9	
2034	1968	08	22	02 47 34.6	6.31	76.75	185.0	3.7	
2035	1968	08	22	20 38 13.6	15.35	70.86	178.0	4.5	
2036	1968	08	24	06 40 49.4	5.74	76.93	102.0	4.4	
2037	1968	08	25	01 39 16.7	6.34	77.11	191.0	3.8	
2038	1968	08	26	17 24 35.0	17.63	69.56	170.0	4.1	
2039	1968	08	26	20 41 6.3	15.04	72.12	113.0		
2040	1968	08	27	05 17 35.5	8.98	72.84	49.0	4.9	
2041	1968	08	27	11 19 14.6	5.81	77.35	26.0	4.9	
2042	1968	08	29	04 02 9.2	11.05	76.56	106.0	4.3	4.0 ISC
2043	1968	09	02	23 01 53.4	5.95	77.41	104.0	4.3	
2044	1968	09	04	11 11 50.6	17.84	69.65	137.0	3.8	
2045	1968	09	06	07 49 42.0	5.77	80.26	66.0D	5.3	
2046	1968	09	07	17 41 56.8	5.53	76.87	63.0	5.0	
2047	1968	09	09	00 35 18.4	8.67	74.48	144.0D	5.3	
2048	1968	09	09	00 37 43.2	8.73	74.52	120.0	6.0	
2049	1968	09	09	08 22 13.5	19.48	69.76	118.0	4.3	
2050	1968	09	09	19 57 39.9	2.89	80.83	56.0	4.5	
2051	1968	09	10	12 00 39.4	19.38	68.67	142.0	4.0	
2052	1968	09	11	00 56 29.2	5.88	76.47	282.0	3.7	6.0 PAS
2053	1968	09	12	15 59 10.2	16.79	70.97	114.0	4.0	
2054	1968	09	14	18 53 19.9	15.12	70.76	189.0	4.4	
2055	1968	09	15	10 14 10.0	19.78	69.54	111.0	4.2	
2056	1968	09	17	21 49 58.7	13.73	75.90	97.0	4.5	
2057	1968	09	18	04 23 40.3	9.27	75.72	41.0	4.3	
2058	1968	09	20	22 39 14.6	5.02	80.04	228.0	3.9	
2059	1968	09	21	14 44 24.6	11.85	75.11	7.0	5.0	
2060	1968	09	22	09 06 25.7	0.43	81.38	33.0N	4.1	
2061	1968	09	22	11 17 34.2	0.55	81.41	33.0N	3.9	
2062	1968	09	22	15 42 23.8	0.72	81.70	33.0N	4.0	6.0 PAS
2063	1968	09	23	04 33 46.7	3.82	77.32	135.0	3.9	
2064	1968	09	28	13 53 35.3	13.16	76.38	70.0G	6.0	

## EARTHQUAKE CATALOG OF PERU

I-49

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
2065	1968 09 30	00 37 36.6	18.18	68.89	191.0	3.8	
2066	1968 10 12	07 54 37.8	1.60	77.65	185.0	4.4	
2067	1968 10 13	21 34 24.6	10.02	74.79	33.0D	4.8	
2068	1968 10 18	19 59 21.3	4.11	80.79	61.0	4.7	
2069	1968 10 19	00 54 58.7	17.59	69.26	159.0	4.2	
2070	1968 10 24	01 29 42.6	19.61	68.93	107.0D	5.3	
2071	1968 10 27	13 11 15.4	15.10	72.37	133.0		
2072	1968 10 27	14 02 54.1	16.95	70.18	159.0	4.5	
2073	1968 10 30	15 56 23.1	1.37	77.34	163.0	3.9	
2074	1968 10 31	09 15 46.9	16.29	73.30	67.0D	5.7	
2075	1968 11 04	10 58 28.3	16.32	73.78	33.0N	4.5	
2076	1968 11 04	18 12 40.2	16.19	73.02	101.0	4.2	
2077	1968 11 07	02 44 30.1	5.90	77.15	42.0	4.3	
2078	1968 11 07	10 13 39.8	16.39	73.46	50.0	5.0	
2079	1968 11 07	18 17 16.2	4.13	80.53	65.0	4.8	
2080	1968 11 09	23 23 36.2	1.23	77.52	216.0D	4.5	
2081	1968 11 11	20 55 3.7	17.77	69.57	165.0	3.8	
2082	1968 11 14	16 56 13.8	16.38	71.96	95.0	4.1	
2083	1968 11 19	07 18 56.2	5.36	77.31	20.0G	4.7	
2084	1968 11 22	08 47 30.8	15.75	74.03	89.0	4.3	
2085	1968 11 25	02 13 5.0	10.94	76.23	156.0	4.7	
2086	1968 11 28	02 23 22.1	18.13	69.51	140.0	4.5	
2087	1968 11 29	09 31 5.1	5.70	76.92	110.0	4.1	
2088	1968 11 30	09 47 59.8	2.73	76.71	126.0D	4.6	
2089	1968 11 30	19 59 35.3	8.27	79.90	33.0N	4.7	
2090	1968 12 01	02 19 29.5	14.00	75.86	92.0	4.5	
2091	1968 12 01	04 08 21.4	3.42	79.43	112.0	4.3	
2092	1968 12 01	13 14 50.6	10.56	74.87	5.0	5.4	5.6 H
2093	1968 12 04	11 33 22.0	7.34	74.45	112.0	4.2	
2094	1968 12 04	11 44 1.9	10.99	74.80	25.0	4.8	
2095	1968 12 04	15 41 37.6	1.32	78.42	31.0	4.3	
2096	1968 12 04	18 04 12.3	15.48	70.46	203.0	4.3	
2097	1968 12 07	20 12 6.9	17.16	69.79	184.0	3.8	
2098	1968 12 10	00 58 59.4	5.76	77.44	85.0	4.4	
2099	1968 12 12	23 41 36.5	14.96	73.57	103.0	5.0	
2100	1968 12 21	03 40 19.7	17.10	73.79	33.0N	4.3	
2101	1968 12 21	15 28 33.5	17.56	69.55	95.0G	4.6	
2102	1968 12 26	02 51 29.0	16.58	69.46	177.0	3.9	
2103	1968 12 27	02 04 51.4	17.29	69.40	173.0	4.9	
2104	1968 12 27	21 29 25.4	18.69	70.28	81.0	4.1	
2105	1968 12 28	09 47 47.9	18.24	69.32	150.0G	4.4	
2106	1968 12 28	12 41 39.8	8.96	81.39	33.0N	5.1	
2107	1968 12 28	16 29 5.0	12.37	73.46	50.0	4.6	

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2108	1968	12	30	14	39	22.0	15.80	70.75	63.0	5.2	
2109	1969	01	01	08	04	34.0	5.95	77.07	97.0	4.3	
2110	1969	01	04	05	38	6.7	6.05	77.71	34.0	4.2	
2111	1969	01	06	20	18	31.3	18.44	70.70	72.0	4.9	
2112	1969	01	10	13	37	24.0	13.16	69.21	636.0	4.0	
2113	1969	01	12	14	12	53.0	14.14	72.75	113.0	5.2	
2114	1969	01	13	05	02	32.4	13.60	77.75	93.0	4.3	
2115	1969	01	14	09	51	29.6	8.64	74.38	150.0G	4.5	
2116	1969	01	15	08	19	58.2	6.28	78.35	164.0	4.1	
2117	1969	01	17	05	28	30.1	16.34	73.48	62.0	4.4	
2118	1969	01	21	11	41	36.2	2.27	79.94	76.0	4.2	
2119	1969	01	25	18	13	52.5	8.08	78.31	130.0G	4.3	
2120	1969	01	29	11	09	18.4	5.90	80.10	192.0	3.6	ISC
2121	1969	01	30	12	57	28.7	6.39	81.28	91.0	4.4	
2122	1969	02	03	06	10	15.9	15.41	75.84	64.0	4.5	
2123	1969	02	03	21	37	33.5	5.74	77.09	40.0	4.9	
2124	1969	02	04	04	10	13.3	8.23	80.16	16.0	6.0	5.9 H
2124											6.5 PAS
2125	1969	02	05	01	50	36.9	15.82	72.97	113.0	4.4	
2126	1969	02	06	14	36	41.2	5.84	78.38	33.0N	4.2	
2127	1969	02	14	00	40	31.3	8.35	80.06	22.0	4.8	5.2 H
2128	1969	02	17	01	11	48.7	8.01	80.09	33.0N	4.4	
2129	1969	02	21	00	52	8.6	8.93	75.39	135.0	4.4	
2130	1969	02	22	01	19	21.0	2.60	76.37	142.0D	4.5	
2131	1969	02	23	12	51	31.4	15.57	75.76	33.0N	4.8	
2132	1969	02	23	15	56	13.1	6.70	74.48	33.0	4.5	ISC
2133	1969	02	25	00	42	2.3	16.30	69.60	140.0	4.0	ISC
2134	1969	02	27	05	09	30.5	13.95	74.34	111.0	5.2	
2135	1969	03	01	23	55	15.7	16.95	69.86	147.0	4.3	
2136	1969	03	04	00	11	39.0	6.32	76.73	203.0	4.5	
2137	1969	03	05	00	57	55.1	19.84	69.10	240.0	4.0	ISC
2138	1969	03	05	01	49	53.4	18.66	70.99	105.0	3.8	
2139	1969	03	05	23	18	59.6	6.57	78.20	33.0	4.6	
2140	1969	03	08	13	37	5.6	5.53	77.06	44.0	4.6	
2141	1969	03	11	17	50	16.8	9.44	78.75	80.0	4.8	
2142	1969	03	13	22	19	37.2	8.03	80.08	38.0D	5.4	5.1 H
2143	1969	03	15	06	20	29.4	15.03	76.19	33.0N	4.3	
2144	1969	03	15	13	06	28.8	13.52	74.43	112.0	4.7	
2145	1969	03	17	16	31	42.0	8.39	75.18	33.0N	4.4	
2146	1969	03	21	23	34	41.5	5.64	77.16	51.0	4.7	
2147	1969	03	25	04	33	23.2	16.78	69.85	175.0		
2148	1969	03	25	21	22	20.9	14.60	74.93	38.0	4.2	
2149	1969	03	26	01	14	31.0	15.03	75.37	29.0	4.9	



## EARTHQUAKE CATALOG OF PERU

I-51

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2150	1969	03	30	05 05 38.1	4.28	80.67	69.0	4.5	
2151	1969	03	30	20 14 6.6	1.97	77.14	173.0D	4.7	
2152	1969	04	02	03 07 18.0	0.32	78.38	33.0	4.0 ISC	
2153	1969	04	03	03 47 18.0	11.40	76.60	33.0	4.8 ISC	
2154	1969	04	04	03 23 38.4	16.32	71.67	158.0		
2155	1969	04	07	18 49 32.9	14.53	73.38	96.0	4.3	
2156	1969	04	10	09 30 59.9	10.11	74.93	99.0	4.2	
2157	1969	04	10	21 32 22.2	4.89	78.08	110.0		
2158	1969	04	15	14 35 19.0	13.13	74.47	95.0	4.3	
2159	1969	04	16	09 27 37.4	16.60	73.71	56.0	4.4	
2160	1969	04	19	09 21 46.4	5.32	77.17	26.0	5.0	
2161	1969	04	20	04 30 48.9	14.34	72.07	105.0G	4.4	
2162	1969	04	20	10 16 47.2	17.63	69.60	149.0	4.2	
2163	1969	04	21	08 57 20.1	18.19	69.44	136.0	4.0	
2164	1969	05	03	04 09 30.6	5.58	77.23	21.0	4.3	
2165	1969	05	03	04 13 12.5	19.77	69.04	144.0	4.0	
2166	1969	05	05	09 11 0.6	14.99	72.80	102.0	4.3	
2167	1969	05	13	14 29 50.1	17.88	69.59	156.0	4.0	
2168	1969	05	17	06 39 33.1	18.98	69.36	120.0G	4.1	
2169	1969	05	18	08 28 14.0	19.90	69.18	124.0	4.3	
2170	1969	05	18	20 01 34.0	5.49	77.00	61.0	4.3	
2171	1969	05	19	01 41 30.4	5.18	76.47	33.0N	3.9	
2172	1969	05	20	13 04 53.9	0.99	80.52	50.0	4.2	
2173	1969	05	21	00 40 27.4	8.56	77.18	78.0	4.2	
2174	1969	05	21	20 35 58.4	1.86	79.51	126.0	3.8	
2175	1969	05	25	05 20 59.2	11.40	79.54	33.0N	4.2	
2176	1969	05	25	21 19 17.7	3.40	78.24	100.0	3.9	
2177	1969	05	28	09 52 35.8	1.23	77.26	201.0	4.0	
2178	1969	05	28	13 30 8.9	2.09	76.93	177.0D	5.5	5.4 BRK
2179	1969	05	31	11 07 17.1	1.75	77.74	172.0	5.1	4.8 BRK
2180	1969	05	31	15 54 45.0	16.72	69.93	204.0	3.9	
2181	1969	06	01	06 07 11.3	9.78	78.91	44.0	4.8	
2182	1969	06	01	13 15 57.1	16.42	73.70	48.0	4.5	
2183	1969	06	02	11 07 36.6	8.40	74.32	149.0	5.0	
2184	1969	06	07	08 27 32.8	2.15	79.84	90.0D	4.5	
2185	1969	06	09	17 44 56.7	8.49	80.54	33.0N	4.9	4.5 H
2186	1969	06	11	21 15 32.6	8.59	79.69	81.0	5.0	
2187	1969	06	13	01 00 42.8	16.97	71.30	126.0	4.0	
2188	1969	06	13	16 19 1.4	6.06	82.10	32.0	4.9	
2189	1969	06	16	17 15 9.6	17.19	72.81	80.0	4.4	
2190	1969	06	18	13 53 51.1	2.58	78.12	115.0	4.3	
2191	1969	06	21	15 52 10.2	14.88	75.80	44.0	4.7	
2192	1969	06	22	12 31 1.9	13.93	75.21	123.0	4.4	

I-52

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2193	1969 06 24	05 18 59.8	16.49	72.53	91.0	3.7	
2194	1969 06 30	08 27 21.5	3.56	76.97	71.0	4.6	
2195	1969 06 30	20 03 23.6	16.14	73.78	66.0	4.6	
2196	1969 07 03	12 31 44.0	5.36	80.93	74.0	4.4	
2197	1969 07 04	06 32 43.4	4.09	80.92	33.0N	4.5	5.0 H
2197							4.8 GOL
2198	1969 07 04	07 21 49.7	4.13	81.01	35.0	4.4	
2199	1969 07 05	04 55 33.7	5.64	77.16	37.0	5.2	5.1 H
2199							4.8 PAL
2200	1969 07 10	08 03 11.3	17.23	69.69	173.0	3.9	
2201	1969 07 10	09 52 36.1	8.68	80.78	33.0N	4.6	
2202	1969 07 11	13 51 25.7	4.17	76.55	122.0D	4.6	
2203	1969 07 13	05 45 0.3	18.07	69.44	140.0	4.7	
2204	1969 07 15	08 49 35.3	16.54	69.53	209.0	4.1	
2205	1969 07 15	16 56 50.7	8.41	74.42	166.0	4.7	
2206	1969 07 19	04 54 54.1	17.25	72.52	54.0D	5.9	5.7 PAS
2207	1969 07 23	01 15 32.7	14.60	71.70	134.0	4.4	
2208	1969 07 24	02 59 21.0	11.85	75.13	1.0	5.9	5.7 H
2208							5.6 BRK
2209	1969 07 24	04 32 36.8	11.80	75.17	1.0G	4.6	
2210	1969 07 24	06 33 7.8	11.86	75.06	1.0G	4.8	
2211	1969 07 24	08 00 42.3	11.69	75.07	33.0	4.4	ISC
2212	1969 07 27	13 11 31.4	14.83	75.39	45.0	4.3	
2213	1969 08 01	02 22 39.4	11.78	75.15	1.0	4.7	
2214	1969 08 01	05 58 36.7	11.77	75.18	33.0	4.2	ISC
2215	1969 08 01	19 02 10.9	11.80	75.15	2.0	5.1	
2216	1969 08 01	19 32 13.5	13.52	72.48	46.0	4.5	
2217	1969 08 02	13 50 0.0	8.45	77.31	33.0N	4.7	
2218	1969 08 05	08 09 11.9	17.63	69.61	146.0	3.8	
2219	1969 08 05	12 14 43.0	5.37	81.69	32.0	4.9	
2220	1969 08 06	03 50 44.0	3.48	80.20	34.0	4.6	ISC
2221	1969 08 08	07 47 27.3	1.09	78.68	16.0	4.6	
2222	1969 08 10	02 39 33.9	15.61	74.11	83.0	4.8	
2223	1969 08 11	16 15 16.5	11.63	74.69	82.0	4.2	
2224	1969 08 11	20 46 54.9	17.11	70.12	149.0	4.4	ISC
2225	1969 08 13	22 02 6.0	15.18	71.89	119.0	4.3	
2226	1969 08 15	09 25 30.7	10.99	74.54	136.0	3.9	
2227	1969 08 20	06 32 49.7	13.35	77.71	35.0G	4.6	
2228	1969 08 22	09 46 48.3	14.30	73.30	93.0	4.2	
2229	1969 08 22	12 59 47.3	8.51	77.00	28.0	4.5	
2230	1969 08 27	15 55 44.1	17.30	70.09	152.0	4.9	
2231	1969 08 28	08 33 29.7	7.99	80.39	20.0G	4.2	
2232	1969 08 30	06 11 17.9	19.88	70.44	21.0	4.3	

## EARTHQUAKE CATALOG OF PERU

1-53

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2233	1969 08 30	18 06 53.5	14.21	73.34	92.0	4.6	
2234	1969 09 01	18 03 12.1	3.77	80.60	57.0	4.7	
2235	1969 09 02	18 35 40.8	17.83	72.05	36.0	5.0	
2236	1969 09 07	20 29 2.8	16.84	71.08	130.0	3.8	
2237	1969 09 08	07 25 1.4	16.92	70.36	83.0	4.0	
2238	1969 09 08	12 43 40.0	6.07	77.54	125.0	4.1	
2239	1969 09 15	04 11 35.3	16.93	72.36	86.0	4.0	ISC
2240	1969 09 15	07 14 25.8	18.55	69.02	177.0D	5.2	
2241	1969 09 17	02 48 46.0	17.85	69.63	158.0	3.9	
2242	1969 09 18	07 11 38.7	17.75	71.70	50.0	4.3	
2243	1969 09 19	02 45 46.1	4.35	80.22	82.0D	4.2	
2244	1969 09 21	11 28 25.0	15.84	74.71	59.0	4.7	
2245	1969 09 24	00 14 30.9	5.08	81.55	45.0	4.1	
2246	1969 09 28	11 52 59.1	12.10	74.30	45.0	5.0	
2247	1969 09 28	14 42 15.7	16.68	69.52	201.0	3.8	
2248	1969 10 01	05 05 43.2	11.88	75.13	4.0	5.9	6.2 H
2248							6.4 PAS
2249	1969 10 01	05 25 59.3	11.82	75.10	15.0	5.3	
2250	1969 10 01	05 58 12.7	11.74	75.09	5.0G	5.7	
2251	1969 10 01	08 28 2.4	11.66	75.15	5.0G	5.1	
2252	1969 10 01	08 28 14.0	11.78	75.05	3.0	5.8	
2253	1969 10 01	17 04 44.8	11.65	75.03	5.0G	5.1	
2254	1969 10 01	22 56 24.8	11.80	74.96	5.0G	5.5	5.1 H
2255	1969 10 02	00 30 57.4	11.93	75.10	5.0G	4.3	
2256	1969 10 04	00 26 34.9	11.94	75.11	20.0	4.7	
2257	1969 10 04	21 08 18.8	11.78	75.08	5.0G	4.4	
2258	1969 10 04	21 57 51.7	11.61	74.95	5.0G	4.2	
2259	1969 10 06	00 37 59.6	11.74	75.10	3.0	5.1	
2260	1969 10 06	06 36 45.2	11.78	75.00	4.0	5.3	
2261	1969 10 07	09 29 3.0	11.90	74.60	33.0	4.4	ISC
2262	1969 10 07	23 07 21.2	11.74	75.32	5.0G	4.9	
2263	1969 10 10	04 23 46.7	9.96	73.30	184.0	4.0	
2264	1969 10 13	04 11 23.0	11.87	75.21	14.0	4.3	
2265	1969 10 14	01 27 39.0	15.22	75.42	56.0	4.1	
2266	1969 10 14	02 00 4.3	14.29	75.29	102.0	4.5	
2267	1969 10 17	08 09 55.5	14.71	71.20	113.0	5.2	
2268	1969 10 19	15 23 13.7	17.55	70.38	33.0	4.0	ISC
2269	1969 10 20	08 47 38.0	13.70	72.50	105.0	3.9	
2270	1969 10 20	18 00 28.7	11.86	75.16	12.0	5.1	
2271	1969 10 22	10 21 52.1	18.09	71.54	23.0	5.4	
2272	1969 10 27	22 32 32.1	2.19	78.86	131.0	4.5	
2273	1969 10 31	22 37 53.7	11.91	75.07	7.0	4.5	
2274	1969 11 02	11 47 6.2	5.31	81.71	12.0	4.5	

I-54

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2275	1969	11	10	00 10 21.2	2.63	79.59	97.0	4.0	
2276	1969	11	11	02 45 29.8	2.41	80.20	62.0	4.1	
2277	1969	11	11	10 54 58.3	14.42	70.89	175.0	4.2	
2278	1969	11	13	07 06 22.6	10.10	75.32	151.0	4.1	
2279	1969	11	15	17 58 36.9	19.35	70.54	53.0	4.6	
2280	1969	11	16	14 38 4.5	19.05	69.16	120.0G	4.1	
2281	1969	11	29	03 14 4.1	19.24	69.42	108.0D	4.3	
2282	1969	11	30	07 15 23.9	15.29	71.88	138.0	4.1	
2283	1969	12	04	11 16 41.4	7.44	81.66	51.0	4.5	
2284	1969	12	04	23 52 44.4	15.28	70.34	185.0	4.2	
2285	1969	12	09	12 10 1.2	10.16	75.52	26.0	4.8	
2286	1969	12	10	06 53 13.8	10.27	75.58	39.0	4.4	
2287	1969	12	10	09 46 47.6	7.36	74.83	164.0	4.3	
2288	1969	12	11	22 33 9.1	19.88	70.24	60.0	4.3	
2289	1969	12	12	07 34 10.7	14.45	75.79	88.0	4.2	
2290	1969	12	15	15 08 58.9	18.73	69.63	123.0	3.9	
2291	1969	12	16	21 12 44.5	17.44	69.75	164.0	4.0	
2292	1969	12	17	07 05 24.6	0.66	78.03	19.0	4.5	
2293	1969	12	17	07 13 6.2	0.77	78.34	27.0	4.2	
2294	1969	12	18	04 51 35.1	17.20	72.17	46.0	4.1	
2295	1969	12	21	13 03 53.3	16.43	72.78	68.0	5.0	
2296	1969	12	22	00 06 4.2	16.89	72.86	50.0G	5.2	
2297	1969	12	23	17 27 47.7	3.26	80.71	44.0	4.3	
2298	1969	12	29	09 42 11.1	11.12	75.55	133.0	4.4	
2299	1969	12	31	02 08 53.1	0.36	80.31	58.0	3.9	
2300	1970	01	03	02 08 13.2	6.30	77.78	130.0	4.3	
2301	1970	01	03	03 07 53.4	1.85	78.59	9.0	4.8	
2302	1970	01	05	06 58 57.6	17.28	70.99	113.0	4.9	
2303	1970	01	05	08 05 35.3	11.69	75.08	33.0	4.0	ISC
2304	1970	01	11	22 49 59.3	2.49	77.14	152.0	4.5	
2305	1970	01	14	23 49 6.3	16.41	71.73	104.0	3.9	
2306	1970	01	18	23 32 58.4	1.37	80.60	72.0	4.2	
2307	1970	01	20	10 03 37.1	15.57	73.31	105.0	4.0	
2308	1970	01	24	12 53 37.8	10.69	77.60	2.0	4.7	
2309	1970	01	26	09 15 6.7	7.75	74.46	155.0G	4.5	
2310	1970	01	30	05 41 52.3	4.16	76.82	125.0G	4.5	
2311	1970	02	01	12 29 42.4	7.16	76.90	33.0	4.4	ISC
2312	1970	02	02	02 10 12.6	16.00	71.00	203.0	4.5	ISC
2313	1970	02	08	19 34 25.0	2.70	75.30	58.0	4.7	ISC
2314	1970	02	09	02 16 24.2	5.36	76.52	80.0	4.7	
2315	1970	02	09	16 15 53.6	12.77	77.22	40.0	4.6	
2316	1970	02	13	17 26 16.9	15.94	71.67	141.0G	5.4	
2317	1970	02	14	11 17 16.1	9.88	75.57	35.0	5.9	5.4 H

## EARTHQUAKE CATALOG OF PERU

I-55

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2318	1970	02	18	07	35	33.7	16.18	71.63	164.0	4.4	
2319	1970	02	21	20	02	18.9	18.59	69.60	122.0	4.4	
2320	1970	02	26	03	03	40.7	13.65	74.01	95.0G	5.4	
2321	1970	02	26	07	35	46.0	13.69	74.09	91.0D	5.0	
2322	1970	02	27	14	17	25.5	16.04	74.90	32.0	5.1	
2323	1970	02	28	18	44	52.2	11.71	75.21	33.0	4.1	ISC
2324	1970	03	02	03	30	24.4	14.50	73.73	93.0	4.5	ISC
2325	1970	03	02	03	30	27.1	13.36	74.33	33.0	4.8	ISC
2326	1970	03	02	03	30	29.7	14.23	73.30	139.0	4.7	
2327	1970	03	03	09	15	6.8	14.72	72.53	106.0D	5.0	
2328	1970	03	05	17	01	11.4	18.82	69.23	127.0	5.2	
2329	1970	03	06	02	28	14.5	2.89	80.08	33.0	4.2	
2330	1970	03	07	06	31	25.3	10.53	75.00	33.0N	4.3	
2331	1970	03	09	13	52	15.8	16.53	69.61	198.0	4.6	
2332	1970	03	19	06	36	28.8	19.72	69.19	125.0	3.9	
2333	1970	03	25	13	17	43.4	2.24	79.04	52.0	4.6	
2334	1970	03	25	13	21	6.4	2.43	79.08	37.0	4.7	
2335	1970	03	29	08	27	47.7	8.36	73.34	25.0G	4.5	
2336	1970	03	31	08	50	12.2	5.68	80.14	69.0D	5.6	5.0 BRK
2337	1970	04	01	10	50	41.3	15.51	74.96	36.0	5.2	4.8 H
2338	1970	04	03	20	40	48.6	3.37	77.39	80.0	4.5	
2339	1970	04	06	00	56	33.9	13.71	74.50	119.0	4.6	
2340	1970	04	07	17	41	30.0	0.19	80.67	42.0	4.4	
2341	1970	04	09	22	21	29.2	9.70	80.05	33.0N	4.5	
2342	1970	04	15	04	42	59.8	19.11	69.71	124.0	4.1	ISC
2343	1970	04	16	10	26	58.9	5.62	77.09	43.0	4.8	
2344	1970	04	25	05	54	53.6	3.90	80.07	84.0	4.7	
2345	1970	04	25	19	24	57.0	2.68	81.98	20.0	5.1	
2346	1970	04	28	02	46	14.9	16.44	72.13	120.0	3.8	
2347	1970	05	07	10	12	55.9	3.53	79.48	81.0	4.8	
2348	1970	05	07	15	54	26.3	20.00	68.70	115.0	4.8	ISC
2349	1970	05	14	07	00	19.0	4.49	78.90	61.0	4.2	ISC
2350	1970	05	17	21	24	22.6	7.28	80.69	36.0	4.9	
2351	1970	05	22	20	41	56.9	1.67	78.02	170.0	4.5	
2352	1970	05	26	09	47	1.7	15.79	70.50	159.0	4.3	
2353	1970	05	27	06	20	16.6	15.89	73.14	116.0	4.3	
2354	1970	05	27	09	52	33.6	6.15	76.47	51.0	4.6	
2355	1970	05	31	20	23	27.3	9.18	78.82	43.0G	6.6	7.8 H
2355											7.6 PAS
2356	1970	05	31	20	45	52.7	9.79	78.59	55.0D	6.0	
2357	1970	05	31	21	03	45.0	9.85	78.81	33.0N	5.6	
2358	1970	05	31	21	23	40.3	10.00	78.74	45.0D	5.0	
2359	1970	05	31	21	45	3.6	9.51	78.21	50.0G	4.6	

I-58

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE		
	yr	mo	dy	hr	mn	sec				mb	Ms	
2360	1970	05	31	21	48	4.4	10.22	78.80	51.0D	5.6	4.8 BRK	
2361	1970	05	31	23	19	32.1	10.01	78.72	46.0	4.8		
2362	1970	06	01	00	41	10.5	9.77	78.63	55.0G	4.9		
2363	1970	06	01	00	56	40.8	9.82	78.91	45.0G	5.1		
2364	1970	06	01	01	12	29.8	10.18	78.70	45.0G	5.1		
2365	1970	06	01	01	36	10.2	9.30	79.00	49.0D	6.0	5.5 H	
2365											5.4 BRK	
2366	1970	06	01	02	21	38.9	10.16	78.72	55.0D	5.0	5.3 BRK 5.1 BRK	
2367	1970	06	01	02	45	21.5	10.15	78.73	66.0D	5.8		
2368	1970	06	01	04	44	46.1	10.25	78.69	46.0D	5.6		
2369	1970	06	01	05	15	29.2	10.19	78.61	45.0G	5.2		
2370	1970	06	01	06	05	43.0	9.24	77.59	34.0	5.2		ISC
2371	1970	06	01	06	11	56.7	8.79	77.24	45.0	4.7	4.8 BRK 5.4 BRK	
2372	1970	06	01	06	19	21.6	9.67	78.86	55.0G	4.8		
2373	1970	06	01	09	45	33.5	10.13	78.61	48.0D	4.8		
2374	1970	06	01	16	37	8.2	9.96	79.05	45.0G	4.5		
2375	1970	06	01	17	59	27.1	9.98	78.75	49.0D	5.1		
2376	1970	06	01	19	15	5.9	9.79	78.82	55.0D	5.2	4.8 BRK 5.4 BRK	
2377	1970	06	02	01	37	22.7	9.76	78.80	58.0D	5.7		
2378	1970	06	02	01	53	33.4	10.05	78.74	47.0	4.6		
2379	1970	06	02	02	32	10.7	10.37	78.74	42.0D	4.3		
2380	1970	06	02	03	39	26.9	10.15	78.77	55.0	4.8		
2381	1970	06	02	04	39	55.1	10.24	78.57	62.0	4.6	6.2 PAS	
2382	1970	06	02	10	35	46.0	10.19	78.75	58.0	5.0		
2383	1970	06	02	18	02	38.4	10.23	78.68	44.0D	5.3		
2384	1970	06	02	18	52	16.4	10.21	78.77	33.0N	4.8		
2385	1970	06	03	02	02	17.5	10.22	78.66	45.0G	5.0		
2386	1970	06	03	11	09	16.5	9.94	78.84	50.0G	4.7	5.0 H	
2387	1970	06	04	02	28	45.3	8.78	75.39	70.0	4.5		ISC
2388	1970	06	04	02	41	21.4	10.03	78.52	33.0N	4.7		
2389	1970	06	04	02	53	28.0	10.60	79.30	55.0	4.3		ISC
2390	1970	06	04	04	09	26.3	9.80	78.63	57.0D	5.8		
2391	1970	06	04	16	48	22.6	9.81	78.75	48.0D	5.2	5.0 H	
2392	1970	06	04	21	21	40.4	19.23	69.86	95.0	4.3		
2393	1970	06	04	22	59	51.9	9.52	79.19	55.0G	5.3		
2394	1970	06	05	05	56	38.1	9.78	78.56	62.0	5.0		
2395	1970	06	05	10	13	2.7	5.65	77.15	43.0	5.1		
2396	1970	06	06	09	10	6.8	10.92	79.08	56.0	4.1	5.0 H	
2397	1970	06	07	09	00	3.4	9.79	78.85	64.0	4.7		
2398	1970	06	07	11	36	7.4	9.64	78.72	65.0	4.7		
2399	1970	06	07	18	58	21.8	8.27	77.79	48.0	4.7		
2400	1970	06	07	20	49	44.3	10.14	78.40	100.0	4.3		
2401	1970	06	08	11	31	8.4	9.74	78.58	60.0G	4.9		

## EARTHQUAKE CATALOG OF PERU

1-57

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2402	1970	06	11	07	30	51.4	10.10	78.67	50.0G	5.3	
2403	1970	06	12	01	38	27.2	9.98	78.80	67.0	4.9	
2404	1970	06	12	03	00	16.0	11.20	79.30	70.0	4.3	ISC
2405	1970	06	14	09	38	2.1	19.36	69.22	125.0	5.0	
2406	1970	06	15	00	42	50.6	9.70	78.85	51.0D	5.4	
2407	1970	06	15	11	32	31.3	10.01	78.42	33.0N	4.7	
2408	1970	06	17	04	44	20.9	15.75	71.83	91.0	5.9	
2409	1970	06	19	06	43	55.3	12.60	77.46	33.0	4.2	ISC
2410	1970	06	21	15	13	37.8	9.80	78.67	51.0D	5.4	
2411	1970	06	22	02	11	54.0	1.57	80.60	54.0	4.6	ISC
2412	1970	06	23	20	06	57.5	19.40	69.08	118.0D	5.3	
2413	1970	06	24	01	43	40.1	8.68	74.91	123.0	4.5	
2414	1970	06	27	05	59	53.0	10.20	79.20	87.0	4.8	ISC
2415	1970	06	27	09	45	28.5	9.77	78.59	62.0D	5.6	
2416	1970	06	29	03	02	31.0	11.00	79.20	45.0	4.9	ISC
2417	1970	06	30	06	21	3.9	9.22	79.02	56.0D	5.4	
2418	1970	07	02	00	45	2.0	10.11	78.59	62.0	5.8	5.3 BRK
2419	1970	07	02	12	47	7.8	10.13	78.68	60.0G	4.9	
2420	1970	07	03	15	08	14.9	9.84	78.94	33.0N	5.0	
2421	1970	07	05	06	55	46.3	8.77	74.38	140.0D	4.9	
2422	1970	07	06	06	35	4.9	10.20	78.65	67.0	4.9	
2423	1970	07	06	12	51	0.6	9.73	78.83	60.0G	4.2	
2424	1970	07	07	06	03	45.6	7.72	74.31	160.0G	4.8	
2425	1970	07	08	23	31	4.6	9.72	78.52	50.0G	4.7	
2426	1970	07	10	07	53	25.0	9.50	80.00	33.0	4.6	ISC
2427	1970	07	10	08	45	32.0	9.00	79.10	40.0	4.5	ISC
2428	1970	07	10	16	59	1.9	9.14	78.76	60.0G	4.7	
2429	1970	07	12	18	13	54.8	15.68	69.46	252.0	5.0	
2430	1970	07	13	08	18	54.4	10.15	78.73	45.0G	4.4	
2431	1970	07	14	22	04	44.7	10.30	78.81	48.0	4.8	
2432	1970	07	16	23	57	1.4	10.95	76.42	117.0	4.9	
2433	1970	07	17	17	49	59.5	1.79	77.26	182.0	4.9	
2434	1970	07	18	19	58	49.9	0.22	78.58	58.0	4.6	
2435	1970	07	24	23	10	6.4	16.08	72.33	106.0	4.5	
2436	1970	07	31	17	08	5.4	1.46	72.56	651.0	7.1	7.0 BRK
2437	1970	08	04	23	17	49.0	9.70	78.50	50.0G	4.5	
2438	1970	08	05	05	25	57.6	9.24	78.91	69.0D	5.6	
2439	1970	08	07	03	48	5.4	0.66	79.87	89.0	4.2	
2440	1970	08	09	02	20	9.8	9.95	78.67	50.0G	4.6	
2441	1970	08	11	06	01	31.2	9.66	78.89	46.0	4.9	
2442	1970	08	14	04	40	7.0	0.93	80.50	44.0	4.0	ISC
2443	1970	08	14	05	41	39.6	10.88	79.11	45.0G	4.6	4.1 H
2444	1970	08	16	13	03	26.7	0.29	78.86	35.0G	4.3	

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2445	1970	08	18	04 34 18.4	7.35	76.55	145.0G	4.4	
2446	1970	08	25	04 41 54.1	10.55	79.36	70.0	4.1	
2447	1970	08	27	08 22 52.7	4.03	78.59	135.0	4.9	ISC
2448	1970	09	01	03 30 11.0	13.59	73.09	61.0	4.3	
2449	1970	09	03	09 02 32.1	8.80	78.20	65.0	4.2	ISC
2450	1970	09	08	08 44 35.8	9.49	78.97	78.0	4.8	
2451	1970	09	09	11 53 13.9	19.60	70.11	49.0	5.0	
2452	1970	09	11	01 43 52.7	14.65	74.25	90.0	4.1	
2453	1970	09	15	09 31 44.1	19.72	68.64	143.0	4.1	ISC
2454	1970	09	17	12 08 0.5	11.61	78.59	60.0G	4.3	
2455	1970	09	23	08 31 54.5	11.64	77.50	47.0	4.6	
2456	1970	09	29	05 59 7.1	11.84	75.04	5.0G	4.5	
2457	1970	09	30	22 56 26.4	15.10	74.90	62.0D	4.9	
2458	1970	10	04	20 20 4.5	8.92	75.60	37.0	4.1	
2459	1970	10	05	22 10 7.1	9.34	79.00	62.0	4.9	
2460	1970	10	09	05 21 14.4	19.12	70.92	33.0	4.1	ISC
2461	1970	10	09	06 51 31.0	7.50	76.70	65.0	4.3	ISC
2462	1970	10	09	15 53 12.5	9.85	78.78	33.0N	5.0	
2463	1970	10	11	05 18 18.0	16.20	72.60	33.0	4.1	ISC
2464	1970	10	12	04 06 4.0	19.30	69.60	115.0	4.3	ISC
2465	1970	10	20	16 19 1.3	15.58	70.18	235.0G	4.7	
2466	1970	10	23	15 49 34.1	10.28	75.17	47.0	4.8	
2467	1970	10	27	09 37 38.9	12.64	76.44	62.0	4.6	
2468	1970	10	30	03 58 48.0	15.02	72.36	112.0	3.6	
2469	1970	10	30	09 19 8.1	9.54	75.59	20.0	4.8	
2470	1970	11	06	07 33 29.2	0.90	80.97	33.0N	4.5	
2471	1970	11	06	22 46 59.8	15.43	71.21	16.0	5.0	
2472	1970	11	07	02 28 28.0	15.95	71.36	72.0	4.7	ISC
2473	1970	11	10	04 47 48.9	11.50	79.66	50.0G	4.3	
2474	1970	11	11	19 47 6.5	15.57	71.32	44.0	4.9	
2475	1970	11	14	19 01 9.3	1.73	77.94	170.0D	4.6	
2476	1970	11	15	14 43 36.4	9.51	79.37	33.0N	4.9	
2477	1970	11	15	19 36 43.3	2.71	78.74	107.0	4.6	
2478	1970	11	16	03 04 56.8	19.65	69.52	118.0	4.2	ISC
2479	1970	11	16	12 22 21.5	8.60	74.94	139.0D	4.9	
2480	1970	11	19	13 19 53.1	9.94	78.81	97.0	4.7	
2481	1970	11	22	08 22 2.0	9.50	79.90	33.0	4.7	ISC
2482	1970	11	23	06 42 42.0	17.60	70.00	152.0	4.4	ISC
2483	1970	11	23	16 59 49.4	11.80	75.22	19.0	4.9	
2484	1970	12	06	03 01 47.5	19.10	69.39	111.0D	5.3	
2485	1970	12	09	06 18 16.0	16.20	73.10	94.0	4.3	
2486	1970	12	09	16 28 33.4	1.40	77.66	178.0D	5.0	
2487	1970	12	10	04 34 38.8	3.99	80.72	25.0D	6.3	7.6 H



## EARTHQUAKE CATALOG OF PERU

I-59

NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
2487								7.1 BRK
2488	1970	12	10	4.09	80.74	32.0D	5.3	
2489	1970	12	10	3.86	80.54	33.0N	4.7	
2490	1970	12	10	3.78	80.61	33.0D	4.8	
2491	1970	12	10	3.95	80.73	33.0D	5.4	
2492	1970	12	10	3.78	80.72	33.0N	4.6	
2493	1970	12	10	3.88	80.77	32.0D	4.7	
2494	1970	12	10	3.89	80.72	33.0N	4.7	
2495	1970	12	10	3.89	80.74	33.0D	4.7	
2496	1970	12	10	4.23	80.46	33.0N	4.5	
2497	1970	12	10	3.98	80.79	32.0D	5.4	
2498	1970	12	10	18.27	69.89	136.0	4.1	
2499	1970	12	10	3.89	80.73	33.0D	4.4	
2500	1970	12	10	3.90	80.77	32.0D	5.0	
2501	1970	12	10	4.11	80.75	33.0N	5.1	
2502	1970	12	10	3.94	80.81	34.0D	5.0	
2503	1970	12	11	4.15	80.86	33.0N	4.1	
2504	1970	12	11	3.74	80.61	34.0D	4.7	
2505	1970	12	11	3.95	80.88	33.0N	4.6	
2506	1970	12	11	3.95	80.72	37.0D	5.7	5.4 H
2506								5.4 BRK
2507	1970	12	11	4.11	80.90	36.0D	4.7	
2508	1970	12	11	3.99	80.81	31.0	4.8	
2509	1970	12	11	10.03	79.26	45.0	4.5	
2510	1970	12	12	4.00	80.71	33.0N	4.7	
2511	1970	12	12	5.92	74.99	29.0	4.8	
2512	1970	12	12	3.90	80.76	33.0D	4.4	
2513	1970	12	12	3.80	80.57	33.0N	4.5	
2514	1970	12	12	2.60	79.20	35.0	4.0	ISC
2515	1970	12	12	4.05	80.86	33.0N	4.7	
2516	1970	12	12	4.05	80.87	32.0D	4.5	
2517	1970	12	13	4.08	80.85	33.0N	4.8	
2518	1970	12	13	3.97	80.74	33.0N	4.6	
2519	1970	12	13	3.98	81.03	33.0N	4.3	
2520	1970	12	13	4.04	81.00	33.0N	4.1	
2521	1970	12	13	3.98	80.88	33.0N	4.6	
2522	1970	12	14	3.97	80.74	52.0D	4.7	
2523	1970	12	14	1.31	80.91	33.0N	5.4	5.7 H
2523								5.8 BRK
2524	1970	12	14	1.35	80.88	33.0N	4.8	
2525	1970	12	14	4.04	80.95	33.0D	4.9	
2526	1970	12	14	3.95	80.67	52.0D	4.8	
2527	1970	12	14	1.46	80.92	33.0N	4.2	

I-80

NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
2528	1970	12	14	15 29 30.0	1.53	80.61	62.0	4.7
2529	1970	12	14	17 30 35.5	14.99	73.45	85.0G	4.8
2530	1970	12	15	21 15 20.2	4.03	80.86	32.0D	5.2
2531	1970	12	17	07 10 29.0	1.60	80.70	46.0	4.4 ISC
2532	1970	12	17	15 16 47.1	4.36	80.88	35.0G	4.7
2533	1970	12	18	07 08 10.3	4.23	80.93	28.0	4.7
2534	1970	12	18	22 14 7.1	3.94	81.17	34.0D	4.5
2535	1970	12	21	07 21 44.7	3.92	80.74	30.0D	4.9
2536	1970	12	21	07 33 15.5	3.96	80.81	32.0D	5.1
2537	1970	12	21	10 58 39.1	4.03	80.28	68.0D	4.7
2538	1970	12	22	01 48 30.2	3.96	80.82	33.0D	5.5
2539	1970	12	22	15 08 34.6	4.05	80.61	40.0G	4.9
2540	1970	12	23	02 38 45.0	3.80	80.80	23.0	4.0 ISC
2541	1970	12	24	17 46 59.8	10.97	74.43	46.0	4.3
2542	1970	12	25	08 03 40.8	3.91	81.09	33.0N	4.1
2543	1970	12	25	21 18 17.2	4.19	80.90	44.0	4.1
2544	1970	12	27	03 10 5.3	3.87	80.91	33.0N	4.8
2545	1970	12	27	13 03 31.2	16.05	72.95	107.0	4.4
2546	1970	12	27	23 08 42.4	1.23	80.81	42.0	4.7
2547	1970	12	29	02 22 11.8	3.86	80.76	50.0D	4.5
2548	1970	12	29	02 22 18.5	4.60	81.50	30.0	4.4 ISC
2549	1970	12	29	08 01 59.3	3.90	80.90	47.0	5.8
2550	1971	01	01	16 55 23.7	1.28	80.81	38.0	4.3
2551	1971	01	02	08 37 4.4	3.90	80.79	66.0	4.4
2552	1971	01	03	11 16 22.0	2.37	76.72	150.0	4.3
2553	1971	01	03	23 31 10.7	9.70	78.65	65.0G	4.3
2554	1971	01	05	10 55 35.2	3.88	80.92	37.0	4.7
2555	1971	01	05	11 13 47.5	17.68	69.87	140.0	3.8
2556	1971	01	05	11 35 30.5	3.97	80.90	66.0	4.5
2557	1971	01	07	07 29 41.7	1.77	80.74	44.0	4.5
2558	1971	01	08	01 00 4.7	3.97	80.39	37.0	4.4
2559	1971	01	09	03 22 16.6	3.91	80.97	26.0D	4.1
2560	1971	01	09	05 25 27.3	15.67	70.96	6.0	4.7
2561	1971	01	09	20 30 37.9	18.56	73.12	35.0	4.7
2562	1971	01	10	22 38 32.8	3.87	80.86	64.0	4.9
2563	1971	01	13	00 04 42.2	19.33	68.93	138.0	4.4
2564	1971	01	14	03 06 46.2	9.28	79.06	54.0D	5.1
2565	1971	01	14	08 21 37.4	4.10	80.64	46.0D	4.5
2566	1971	01	16	20 54 30.9	9.09	78.83	75.0G	5.3
2567	1971	01	21	03 57 17.0	10.24	75.32	24.0	4.4
2568	1971	01	21	13 23 11.1	17.06	69.23	183.0	5.5
2569	1971	01	25	22 49 26.2	4.06	80.94	51.0	4.9
2570	1971	01	26	05 37 56.5	15.00	72.64	108.0D	5.1

## EARTHQUAKE CATALOG OF PERU

I-81

NO.	DATE <i>yr mo dy</i>	TIME <i>hr mn sec</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	DEP <i>(km)</i>	MAGNITUDE	
						mb	Ms
2571	1971 01 27	23 22 54.9	4.30	75.23	24.0	4.8	
2572	1971 01 30	10 19 55.8	11.14	77.92	61.0D	4.8	
2573	1971 02 01	20 34 25.6	2.21	80.61	33.0N	4.1	
2574	1971 02 06	11 20 3.2	4.37	80.83	48.0	4.4	
2575	1971 02 06	17 30 19.4	10.14	78.51	51.0	4.8	
2576	1971 02 10	08 13 18.8	4.84	78.54	108.0	4.4	
2577	1971 02 11	17 08 46.3	3.95	80.81	66.0	4.9	
2578	1971 03 01	17 21 9.9	9.21	78.87	74.0	5.0	
2579	1971 03 09	14 28 22.9	10.42	74.06	132.0	4.7	
2580	1971 03 16	00 25 3.0	8.46	77.81	34.0	4.8	
2581	1971 03 17	08 08 46.6	3.87	81.02	30.0G	4.4	
2582	1971 03 19	14 27 53.6	12.12	75.15	14.0	4.8	
2583	1971 03 21	14 31 37.1	14.10	72.13	83.0	5.5	
2584	1971 03 23	10 27 4.4	10.35	78.48	91.0	4.7	
2585	1971 03 27	00 53 25.0	7.47	81.60	29.0D	5.4	4.8 H
2586	1971 04 03	10 22 47.2	8.86	80.66	37.0	5.1	
2587	1971 04 04	06 02 46.5	3.26	77.83	111.0	4.3	
2588	1971 04 12	04 08 32.0	9.80	78.70	60.0D	5.0	
2589	1971 04 14	18 35 35.5	10.17	78.84	45.0D	4.5	
2590	1971 04 16	23 59 37.3	9.79	75.61	25.0D	4.8	
2591	1971 04 21	04 06 28.3	13.54	71.20	48.0	4.6	
2592	1971 04 24	03 34 32.3	6.03	77.22	69.0	4.3	
2593	1971 04 26	14 26 30.5	7.19	74.88	75.0	4.6	
2594	1971 04 27	00 47 56.0	18.44	69.27	131.0	5.2	
2595	1971 05 04	17 28 10.9	8.27	77.84	34.0	4.9	
2596	1971 05 04	22 50 54.2	7.35	79.17	153.6		
2597	1971 05 05	05 27 30.5	1.94	78.28	185.7		
2598	1971 05 07	23 05 38.4	15.74	70.40	224.2A		
2599	1971 05 09	14 53 22.1	0.99	77.71	127.2		
2600	1971 05 12	14 56 3.5	3.33	79.78	124.7		
2601	1971 05 13	10 40 46.0	1.34	78.28	16.0	4.7	
2602	1971 05 14	10 04 4.1	8.95	80.66	33.0N	5.2	
2603	1971 05 15	06 42 34.7	15.86	72.75	124.8		
2604	1971 05 17	03 34 41.8	19.17	69.50	107.0	5.1	
2605	1971 05 17	11 04 7.1	1.60	77.70	176.0D	5.7	6.5 PAS
2606	1971 05 20	22 04 36.3	1.58	77.81	170.0D	4.6	
2607	1971 05 21	18 48 54.5	2.51	78.70	33.0A		
2608	1971 05 22	14 50 1.2	7.24	76.11	71.0	4.4	
2609	1971 05 23	08 58 31.3	14.06	72.90	94.0	5.5	
2610	1971 05 23	22 29 18.1	7.61	74.50	153.0D	4.4	
2611	1971 05 26	08 12 20.7	11.91	76.87	145.6	3.8	
2612	1971 05 26	12 55 36.4	15.09	74.09	63.2		
2613	1971 05 27	18 36 19.3	3.71	80.54	72.8	4.2	

I-62

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2614	1971	05	28	06	50	0.7	12.53	76.82	56.0	4.9	
2615	1971	05	29	00	12	22.7	16.59	70.53	33.0A	4.4	
2616	1971	05	29	16	40	10.7	18.99	69.33	132.2	4.0	
2617	1971	05	31	11	34	19.2	4.09	80.88	33.0N	4.8	
2618	1971	06	01	07	13	34.9	13.94	73.66	33.0A		
2619	1971	06	03	14	13	0.1	18.10	69.47	139.0	3.9	
2620	1971	06	10	06	47	34.6	10.90	76.23	99.0	5.7	
2621	1971	06	10	09	19	54.1	4.03	80.68	66.0	4.4	
2622	1971	06	11	01	32	59.0	4.17	80.66	43.0	5.4	
2623	1971	06	12	07	59	33.6	9.91	80.14	33.0A		
2624	1971	06	22	14	38	3.7	9.26	79.22	58.0	4.8	
2625	1971	06	24	05	07	12.6	7.34	73.64	33.0A		
2626	1971	06	25	07	08	46.4	15.94	73.71	82.0	4.5	
2627	1971	06	27	07	40	39.9	16.65	74.24	34.3		
2628	1971	06	28	19	44	12.3	19.86	70.09	47.0D	5.2	
2629	1971	06	29	01	53	20.4	3.68	78.31	33.0A		
2630	1971	06	30	22	04	27.3	18.89	69.55	128.1		
2631	1971	07	08	08	02	37.2	0.90	78.46	28.0	4.1	
2632	1971	07	09	20	46	32.6	3.89	80.68	65.0	4.7	
2633	1971	07	17	17	56	13.9	4.00	80.83	35.0G	4.8	
2634	1971	07	22	07	43	47.4	3.73	77.29	128.0	4.5	
2635	1971	07	25	22	01	44.1	10.17	78.63	52.0	5.0	
2636	1971	07	27	02	02	49.6	2.75	77.43	135.0D	6.3	
2637	1971	08	01	06	12	41.2	12.91	76.82	64.0	5.2	
2638	1971	08	03	21	51	45.7	2.16	78.95	138.0	4.3	
2639	1971	08	10	22	44	9.7	7.91	75.10	115.0	4.4	
2640	1971	08	12	14	14	32.5	8.45	78.50	104.0	4.9	
2641	1971	08	13	05	51	53.9	13.43	75.15	103.0	4.1	
2642	1971	08	18	19	07	17.4	3.90	80.90	30.0D	5.1	
2643	1971	08	21	17	22	18.6	16.89	69.67	148.0	3.6	
2644	1971	08	23	01	46	52.6	16.96	70.13	148.0D	5.0	
2645	1971	08	25	04	11	38.6	7.33	80.36	33.0N	5.0	
2646	1971	08	31	12	25	15.3	19.28	69.98	69.0	4.5	
2647	1971	09	03	10	32	39.6	19.01	69.08	120.0	3.9	
2648	1971	09	05	09	06	15.6	14.76	75.25	55.0	4.3	
2649	1971	09	07	05	32	47.6	4.09	80.83	33.0D	4.7	
2650	1971	09	07	08	29	49.6	19.20	68.85	157.0	4.4	
2651	1971	09	09	01	37	23.1	7.35	74.60	150.0D	5.1	
2652	1971	09	12	00	46	13.2	7.21	79.98	64.0	4.7	
2653	1971	09	15	11	24	18.1	10.31	78.68	43.0	4.9	
2654	1971	09	16	15	49	35.8	1.14	78.78	15.0	4.6	
2655	1971	09	20	10	44	37.5	13.41	77.14	33.0N	4.3	
2656	1971	09	22	00	40	12.4	7.06	80.48	33.0N	5.3	

7.5 PAS

## EARTHQUAKE CATALOG OF PERU

I-63

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2657	1971	09	22	22	14	59.9	10.94	78.09	59.0	5.3	5.6 H
2658	1971	09	24	04	32	55.0	16.37	73.69	28.0	5.2	
2659	1971	09	24	05	14	37.0	16.32	73.78	45.0	4.2	
2660	1971	09	24	06	11	32.7	17.21	69.89	135.0G	4.5	
2661	1971	09	27	12	44	25.6	19.49	69.05	91.0	4.6	
2662	1971	09	27	21	14	35.4	15.13	75.28	22.0	4.6	
2663	1971	09	29	05	48	15.1	1.81	77.93	167.0	4.4	5.6 H
2664	1971	09	30	10	21	22.5	9.68	78.82	33.0N	4.7	
2665	1971	10	01	21	08	34.8	12.75	77.11	43.0	4.7	
2666	1971	10	03	10	29	26.4	12.71	77.20	33.0N	4.6	
2667	1971	10	03	14	58	25.9	12.76	77.36	42.0	5.2	
2668	1971	10	03	15	27	38.8	12.62	77.59	33.0N	4.2	
2669	1971	10	06	07	52	18.7	14.88	71.67	116.0	4.8	
2670	1971	10	14	00	11	10.3	15.61	72.07	121.0	4.4	
2671	1971	10	15	02	42	3.6	15.07	73.91	92.0	4.9	
2672	1971	10	15	10	33	46.7	14.09	73.31	54.0	5.7	
2673	1971	10	16	21	08	19.9	17.41	69.30	156.0D	4.8	
2674	1971	10	21	01	57	37.9	15.27	73.12	116.0	4.7	
2675	1971	10	21	15	32	39.7	18.30	69.57	96.0	4.5	
2676	1971	10	23	07	49	4.9	11.21	79.36	33.0N	4.9	
2677	1971	10	28	06	30	32.3	3.86	80.65	51.0D	5.2	
2678	1971	10	28	14	40	14.5	17.94	69.36	133.0D	5.1	
2679	1971	10	28	23	41	56.1	8.04	74.38	154.0	4.9	
2680	1971	11	03	16	06	50.1	18.62	69.37	127.0	4.0	
2681	1971	11	04	03	33	53.7	3.93	80.83	40.0	4.3	
2682	1971	11	04	06	57	33.9	16.50	71.97	101.4	4.8	
2683	1971	11	04	22	48	15.3	19.74	69.11	91.0	3.8	
2684	1971	11	06	12	07	4.7	3.87	80.86	61.0	4.9	
2685	1971	11	12	00	10	5.7	13.01	76.34	92.0	4.8	
2686	1971	11	12	06	28	2.5	17.75	70.42	105.0	3.8	
2687	1971	11	19	06	10	17.3	10.06	78.93	51.0D	4.6	
2688	1971	11	27	07	34	59.8	8.84	79.04	81.0	4.6	
2689	1971	11	27	22	26	47.5	1.73	77.82	172.0	4.6	
2690	1971	11	29	01	01	41.2	6.95	75.79	20.0	4.3	
2691	1971	11	29	20	14	12.2	11.24	77.75	54.0D	5.3	
2692	1971	12	07	17	49	23.7	19.41	68.36	162.0	4.7	5.6 H
2693	1971	12	08	03	38	39.7	19.41	68.41	99.0	4.2	
2694	1971	12	13	16	19	0.1	8.89	71.64	614.0	5.3	
2695	1971	12	21	01	07	19.8	2.02	77.43	174.0	4.5	
2696	1971	12	21	10	52	19.0	1.38	77.73	168.0	4.4	
2697	1971	12	22	00	38	53.0	4.00	76.24	117.0D	5.2	
2698	1972	01	06	13	29	37.3	16.18	70.44	185.0	4.1	
2699	1972	01	11	02	38	24.9	3.54	77.21	150.0	4.6	

I-64

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2700	1972	01	12	09	59	10.3	6.86	71.82	580.0G	5.9	6.5 PAS
2701	1972	01	13	15	53	17.8	0.15	80.51	53.0	4.3	
2702	1972	01	13	18	31	20.5	0.14	80.48	38.0	4.8	
2703	1972	01	15	15	42	31.7	14.69	72.54	82.0	4.3	
2704	1972	01	21	02	05	44.4	16.31	70.08	192.0	3.8	
2705	1972	01	21	19	18	57.2	6.70	71.89	562.0D	5.6	6.0 PAS
2706	1972	01	22	05	25	58.0	13.11	76.05	97.0	4.1	
2707	1972	01	23	05	05	24.8	13.23	76.78	60.0	5.1	
2708	1972	01	27	18	45	7.7	3.92	79.75	97.0	5.2	
2709	1972	01	29	02	18	37.4	17.90	71.40	40.0	5.0	
2710	1972	01	30	08	16	28.8	17.99	69.41	144.0	4.5	4.1 H
2711	1972	02	03	11	34	22.8	15.91	69.22	140.0	3.8	
2712	1972	02	04	05	15	7.6	14.85	73.02	89.0	4.5	
2713	1972	02	08	20	44	8.5	14.06	71.52	48.0	4.8	
2714	1972	02	12	22	42	21.6	4.20	76.94	132.0	4.4	
2715	1972	02	15	21	18	21.2	17.51	71.19	71.0	5.7	
2716	1972	02	21	05	31	23.7	16.39	71.27	95.0	5.2	
2717	1972	02	21	21	27	45.0	17.34	70.65	115.0	4.3	
2718	1972	02	29	02	04	54.1	15.04	71.83	131.0	4.9	
2719	1972	03	09	22	52	15.9	8.01	74.00	0.0A	4.8	
2720	1972	03	11	00	38	31.7	9.42	75.49	33.0	4.9	6.9 PAS
2721	1972	03	13	17	35	15.0	9.76	78.72	35.0	5.0	
2722	1972	03	17	04	29	40.5	15.42	73.68	92.4		
2723	1972	03	17	11	06	10.2	18.51	71.36	0.0A		
2724	1972	03	20	07	33	49.6	6.77	76.79	64.0D	6.1	
2725	1972	03	20	07	51	4.8	6.64	76.77	50.0G	5.4	4.3 H
2726	1972	03	20	13	33	3.6	6.70	76.99	0.0A		
2727	1972	03	20	16	50	27.1	6.81	76.85	33.0N	5.4	
2728	1972	03	20	19	09	49.1	6.94	77.94	0.0A		
2729	1972	03	21	22	27	37.6	14.19	76.38	51.3		
2730	1972	03	22	03	31	56.0	17.86	69.61	162.0	3.6	
2731	1972	03	23	04	49	43.5	6.86	76.63	39.0	4.1	
2732	1972	03	24	03	01	4.3	7.01	76.75	87.5		
2733	1972	03	27	12	09	41.2	14.57	76.09	63.0	5.2	
2734	1972	03	31	21	13	45.7	19.77	69.20	118.4	4.5	
2735	1972	04	01	09	12	52.5	7.01	76.47	49.5		5.1
2736	1972	04	03	01	29	48.9	11.57	76.49	99.0		
2737	1972	04	03	07	10	5.2	19.32	70.56	52.1		
2738	1972	04	04	07	00	4.9	6.95	76.58	104.3A		
2739	1972	04	04	14	37	30.8	7.16	73.90	0.0A		
2740	1972	04	04	14	46	47.4	17.12	68.50	188.0	4.4	
2741	1972	04	04	23	33	36.3	17.08	72.54	52.0	5.0	
2742	1972	04	05	23	17	43.1	14.78	76.84	0.0A		

## EARTHQUAKE CATALOG OF PERU

I-85

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
2743	1972 04 08	02 13 4.8	5.18	82.14	0.0A		
2744	1972 04 08	15 26 15.3	1.49	77.90	176.0	5.2	
2745	1972 04 08	18 48 36.1	6.87	76.64	60.0	4.4	
2746	1972 04 09	21 42 20.1	1.47	77.94	175.0	4.6	
2747	1972 04 10	23 46 36.7	16.14	75.61	0.0A		
2748	1972 04 11	00 10 28.0	16.12	75.91	0.0A		
2749	1972 04 11	12 09 43.3	13.69	75.87	95.0	4.3	
2750	1972 04 12	01 43 54.7	16.05	75.78	0.0A		
2751	1972 04 12	11 06 32.4	17.50	74.15	0.0A		
2752	1972 04 13	06 38 11.8	1.30	81.43	0.0A		
2753	1972 04 13	12 07 54.5	1.21	81.19	11.7	4.2	
2754	1972 04 17	22 38 29.0	18.18	72.02	0.0A		
2755	1972 04 19	10 57 32.1	0.56	77.42	33.0	4.4	
2756	1972 04 21	18 31 58.5	5.76	81.74	0.0A		
2757	1972 04 23	01 28 49.3	2.69	79.62	0.0A		
2758	1972 04 24	08 13 25.1	11.09	72.89	0.0A		
2759	1972 04 24	21 55 21.0	6.06	81.07	0.0A		
2760	1972 04 28	02 16 13.1	13.31	74.04	111.9		
2761	1972 04 28	08 48 43.9	5.21	80.86	237.3	4.4	
2762	1972 04 28	14 01 16.6	17.08	75.22	0.0A		
2763	1972 04 29	13 06 55.4	17.53	71.20	0.0A		
2764	1972 05 01	23 03 17.4	3.05	81.97	0.0A		
2765	1972 05 07	11 31 48.5	17.38	72.24	50.0	4.6	
2766	1972 05 08	12 21 20.5	0.36	76.28	0.0A		
2767	1972 05 09	08 24 43.9	19.80	69.20	0.0A		
2768	1972 05 10	10 31 56.8	19.22	69.28	127.0	4.0	
2769	1972 05 10	17 30 35.0	2.81	78.67	89.0	5.4	
2770	1972 05 12	03 43 27.6	15.94	71.11	58.1		
2771	1972 05 13	14 24 24.7	3.82	80.71	40.0	4.9	
2772	1972 05 15	06 40 54.8	14.43	76.26	0.0A		
2773	1972 05 20	09 42 33.6	18.65	73.56	0.0A		
2774	1972 05 20	22 24 55.0	9.52	79.07	0.0A		
2775	1972 05 21	01 24 7.9	18.61	69.28	132.0	5.2	
2776	1972 05 21	03 26 16.3	13.35	77.23	0.0A		
2777	1972 05 21	03 50 30.9	16.03	73.86	85.0D	5.4	
2778	1972 05 23	00 23 34.2	15.70	76.17	0.0A		
2779	1972 05 23	23 01 49.9	10.71	78.27	109.2		
2780	1972 05 25	14 17 52.4	15.31	72.31	129.0	4.2	
2781	1972 05 25	18 25 37.0	15.54	73.61	118.0		
2782	1972 05 25	21 59 18.4	7.22	76.38	207.1		
2783	1972 05 26	00 09 56.9	19.90	70.66	0.0A		
2784	1972 05 28	06 05 29.9	1.92	79.64	0.0A		
2785	1972 05 30	07 33 18.3	14.45	75.98	71.4		

I-86

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2786	1972	06	01	00	54	21.8	6.81	76.51	15.0	4.7	
2787	1972	06	01	01	50	42.1	13.44	77.01	0.0A		
2788	1972	06	02	18	32	51.7	6.75	77.16	52.2		
2789	1972	06	03	03	13	6.6	13.31	77.04	0.0A		
2790	1972	06	04	22	22	57.0	2.84	78.95	98.0	5.0	
2791	1972	06	07	09	36	13.1	16.59	74.83	0.0A		
2792	1972	06	07	15	00	9.7	17.42	69.35	182.0	4.1	
2793	1972	06	08	02	03	57.2	9.54	75.75	0.0A		
2794	1972	06	08	03	02	37.5	10.70	79.04	29.0D	5.0	
2795	1972	06	08	13	34	28.1	10.24	75.46	16.0	4.9	
2796	1972	06	10	07	35	47.5	13.81	72.83	86.0	4.0	
2797	1972	06	10	19	30	33.4	10.37	75.40	0.0A		
2798	1972	06	11	15	02	8.8	16.40	74.76	0.0A		
2799	1972	06	12	16	04	22.5	10.90	73.65	0.0A		
2800	1972	06	13	19	50	9.8	19.13	69.63	115.8		
2801	1972	06	16	12	56	24.3	14.91	69.99	0.0A		
2802	1972	06	16	12	56	58.3	13.87	69.21	0.0A	4.6	
2803	1972	06	16	14	33	14.0	18.19	69.51	126.0	4.9	
2804	1972	06	19	15	50	30.0	12.10	77.51	72.0	5.2	
2805	1972	06	21	08	25	16.6	7.82	74.44	153.0D	4.6	
2806	1972	06	24	06	35	39.3	5.45	78.22	0.0A		
2807	1972	06	25	12	18	58.9	5.01	79.92	68.0	4.9	
2808	1972	06	25	17	16	29.2	3.69	81.08	0.0A		
2809	1972	06	29	08	02	36.6	19.86	70.59	67.6	4.2	
2810	1972	07	01	09	17	8.9	10.61	74.98	169.0	4.4	
2811	1972	07	01	14	12	37.6	1.95	79.22	0.0A	4.5	
2812	1972	07	02	16	46	43.0	12.99	72.26	0.0A		
2813	1972	07	03	11	19	9.8	15.11	71.01	184.6		
2814	1972	07	03	14	53	10.1	13.95	74.56	39.0	4.6	4.2 H
2815	1972	07	03	16	21	18.7	8.18	74.30	131.0	4.5	
2816	1972	07	04	06	24	4.6	19.77	68.86	99.0	3.5	
2817	1972	07	05	00	59	36.9	9.89	78.60	58.0	5.0	
2818	1972	07	05	20	02	28.6	16.33	73.07	98.0	4.3	
2819	1972	07	05	20	21	55.8	15.68	75.19	33.0N	5.1	
2820	1972	07	06	04	15	15.0	18.89	69.36	141.0		
2821	1972	07	09	05	43	46.1	15.26	75.75	0.0A		
2822	1972	07	10	07	12	9.4	15.23	74.29	113.8		
2823	1972	07	12	02	32	25.4	7.67	74.10	0.0A		
2824	1972	07	15	16	07	3.2	10.43	74.29	132.6	4.1	
2825	1972	07	16	06	09	24.4	16.39	72.85	100.9		
2826	1972	07	17	03	51	0.2	14.48	76.26	38.0	4.8	
2827	1972	07	17	04	02	57.2	14.43	76.20	34.0	5.0	
2828	1972	07	17	05	06	51.8	14.76	76.56	0.0A		



## EARTHQUAKE CATALOG OF PERU

I-87

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2829	1972 07 17	09 16 48.8	0.79	76.64	133.2		
2830	1972 07 17	09 25 0.1	14.52	76.24	39.0	4.9	
2831	1972 07 17	10 03 28.7	14.87	76.72	0.0A		
2832	1972 07 18	08 54 19.9	15.04	76.76	0.0A		
2833	1972 07 18	16 24 40.2	10.52	74.33	127.0	4.0	
2834	1972 07 18	21 05 0.8	14.42	76.34	13.0	5.1	4.4 H
2835	1972 07 19	05 44 10.4	17.00	70.53	134.0	3.9	
2836	1972 07 19	20 30 39.0	16.85	74.21	0.0A		
2837	1972 07 22	19 56 12.7	3.30	76.88	39.0	4.3	
2838	1972 07 24	23 21 25.1	15.87	74.89	0.0A		
2839	1972 07 27	03 31 36.1	12.77	71.92	0.0A		
2840	1972 07 27	06 05 28.8	19.19	68.57	141.0	4.3	
2841	1972 07 29	08 27 3.0	14.82	73.69	125.2		
2842	1972 07 29	16 02 47.5	1.50	77.93	171.0D	4.7	
2843	1972 07 31	01 27 37.1	17.86	74.14	0.0A		
2844	1972 08 04	14 51 49.7	19.98	69.52	0.0A		
2845	1972 08 05	20 21 47.1	17.51	71.07	0.0A		
2846	1972 08 11	10 44 28.0	15.41	73.22	95.0	5.1	
2847	1972 08 11	15 00 5.9	19.60	70.35	93.1		
2848	1972 08 14	03 29 21.0	17.64	69.51	152.6	3.7	
2849	1972 08 15	02 41 20.0	14.92	76.68	0.0A	4.3	
2850	1972 08 16	01 26 11.8	11.73	73.94	33.0A		
2851	1972 08 16	18 42 15.8	13.97	77.14	0.0A		
2852	1972 08 17	14 50 51.0	13.96	74.62	14.0	5.4	
2853	1972 08 18	12 42 8.5	7.07	74.29	0.0A		
2854	1972 08 19	14 04 1.3	9.54	75.60	0.0A		
2855	1972 08 19	18 04 54.2	19.76	71.75	0.0A		
2856	1972 08 20	16 39 32.3	7.56	74.67	147.0D	4.6	
2857	1972 08 21	18 11 32.1	6.25	81.46	145.9		
2858	1972 08 23	04 57 17.5	9.61	75.58	0.0A		
2859	1972 08 23	10 28 0.9	18.48	70.08	0.0A		
2860	1972 08 26	12 30 26.9	7.73	78.98	0.0A		
2861	1972 08 27	16 38 24.3	15.90	69.35	263.0	3.7	
2862	1972 08 30	06 14 5.1	10.44	75.66	0.0A		
2863	1972 08 31	02 52 18.8	19.54	70.56	0.0A		
2864	1972 09 01	09 02 49.8	17.31	72.03	84.1		
2865	1972 09 02	20 57 18.7	18.26	69.40	128.0	4.6	
2866	1972 09 04	23 32 24.3	3.77	80.61	63.0	5.4	
2867	1972 09 05	19 12 31.3	10.19	73.71	147.0	4.5	
2868	1972 09 05	19 12 51.9	9.07	72.48	0.0A	5.2	
2869	1972 09 06	22 49 3.2	16.85	71.12	111.0	5.0	
2870	1972 09 08	10 20 20.2	9.20	79.08	47.0	4.4	
2871	1972 09 08	14 57 21.8	9.03	79.09	0.0A		

1-68

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2872	1972	09	17	18	42	52.8	7.83	75.54	219.7		
2873	1972	09	18	16	03	29.3	18.47	73.51	0.0A		
2874	1972	09	22	06	27	17.4	15.68	74.78	61.0		
2875	1972	09	23	23	35	34.7	10.36	75.55	105.6		
2876	1972	09	24	21	44	24.7	16.90	73.03	72.0	4.0	
2877	1972	09	25	14	54	42.7	18.16	70.16	85.0	4.3	
2878	1972	09	26	04	11	49.8	16.51	73.10	81.2		
2879	1972	09	27	00	59	31.1	17.91	69.95	120.0	3.4	
2880	1972	09	28	01	25	30.8	15.79	69.42	139.2		
2881	1972	09	28	11	49	53.8	16.59	72.88	92.9		
2882	1972	09	29	01	20	44.7	8.47	74.99	140.0D	4.6	
2883	1972	09	29	02	34	38.7	14.74	74.53	99.9		
2884	1972	09	29	13	41	48.3	9.88	73.62	0.0A		
2885	1972	09	30	17	04	11.7	14.35	73.21	94.2		
2886	1972	09	30	17	26	37.8	14.38	73.19	102.1		
2887	1972	10	03	04	48	33.8	19.62	69.63	111.5A		
2888	1972	10	06	09	36	28.5	15.13	73.33	121.0	4.0	
2889	1972	10	09	01	19	32.7	15.94	75.97	0.0A		
2890	1972	10	09	16	17	18.1	15.21	73.11	98.0	4.9	
2891	1972	10	10	09	26	5.1	6.71	74.77	138.0D	4.6	
2892	1972	10	12	04	40	30.9	1.14	79.13	0.0A	4.5	
2893	1972	10	12	10	43	33.4	16.45	71.84	75.3		
2894	1972	10	14	06	13	16.4	7.69	74.03	0.0A		
2895	1972	10	14	11	07	45.4	14.25	69.05	59.8		
2896	1972	10	18	08	02	40.4	19.44	69.84	95.1		
2897	1972	10	21	08	27	46.6	19.85	69.20	121.0	3.6	
2898	1972	10	22	08	22	10.6	9.79	78.63	62.0D	5.2	
2899	1972	10	24	10	03	40.0	15.59	70.37	223.0	4.1	
2900	1972	10	25	08	28	23.1	4.98	82.76	0.0A		
2901	1972	10	26	17	56	25.6	9.88	80.12	33.0A	4.4	
2902	1972	10	27	15	22	52.9	8.55	74.41	137.0	4.6	
2903	1972	10	28	17	22	37.8	17.87	69.52	141.2		
2904	1972	10	29	04	55	11.6	5.55	76.48	52.5		
2905	1972	10	31	14	25	45.2	14.21	73.40	54.5		
2906	1972	11	03	07	56	26.5	13.92	69.68	0.0A		
2907	1972	11	03	23	57	55.3	19.29	69.04	127.0D	5.3	
2908	1972	11	04	12	58	10.1	7.56	73.17	0.0A		
2909	1972	11	05	21	56	20.5	9.74	78.71	61.0	5.0	
2910	1972	11	08	06	08	41.4	19.95	73.17	0.0A		
2911	1972	11	08	12	40	28.3	19.24	68.79	141.0	4.0	
2912	1972	11	11	17	26	19.2	7.65	78.36	0.0A		
2913	1972	11	18	09	49	52.8	15.79	74.19	97.8		
2914	1972	11	22	20	01	29.4	13.28	69.77	0.0A		

## EARTHQUAKE CATALOG OF PERU

1-69

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
2915	1972 11 23	08 46 13.7	18.00	73.83	0.0A		
2916	1972 11 29	00 45 47.7	9.73	75.58	0.0A		
2917	1972 11 29	05 37 46.4	16.54	70.86	122.0	4.6	
2918	1972 11 29	18 44 39.0	18.04	74.60	0.0A		
2919	1972 11 30	20 05 6.8	14.77	73.37	98.5	4.3	
2920	1972 12 02	11 34 57.7	5.13	76.05	54.2	4.7	
2921	1972 12 02	16 21 32.9	10.30	74.30	0.0A		
2922	1972 12 03	11 45 31.5	6.50	80.58	127.0	4.3	
2923	1972 12 03	18 19 57.8	17.06	75.17	0.0A		
2924	1972 12 04	20 44 42.7	9.13	74.29	0.0A		
2925	1972 12 08	00 24 46.4	15.86	75.96	0.0A		
2926	1972 12 09	00 46 33.3	15.58	71.91	160.0		
2927	1972 12 10	21 12 58.2	2.95	78.94	0.0A		
2928	1972 12 12	03 25 50.8	19.98	68.52	143.0		
2929	1972 12 12	12 40 33.2	19.32	70.28	0.0A		
2930	1972 12 17	02 29 55.7	8.80	75.48	0.0A		
2931	1972 12 18	21 07 38.6	19.47	69.07	130.0	4.6	
2932	1972 12 19	02 43 41.0	4.83	77.10	191.0	4.1	
2933	1972 12 20	10 14 23.4	12.63	72.60	0.0A		
2934	1972 12 20	16 11 25.7	9.68	71.23	588.0D	4.8	
2935	1972 12 21	10 19 27.8	9.75	78.69	45.0D	4.4	
2936	1972 12 22	01 53 50.0	18.34	71.63	0.0A		
2937	1972 12 24	06 40 29.5	19.79	69.58	108.9		
2938	1972 12 25	19 39 8.3	13.73	71.50	0.0A		
2939	1972 12 26	04 24 53.2	1.07	78.72	6.0	4.4	
2940	1972 12 26	17 51 15.5	6.70	73.44	0.0A		
2941	1972 12 28	13 31 30.7	3.81	77.96	118.0	5.0	
2942	1973 01 08	20 43 23.6	19.25	70.47	53.0	4.4	
2943	1973 01 13	07 47 27.8	0.46	77.96	25.0	4.4	
2944	1973 01 15	06 27 31.0	15.71	75.08	43.0	4.5	
2945	1973 01 15	16 30 25.0	15.70	70.34	210.0	4.4	
2946	1973 01 16	06 31 36.9	15.59	74.26	55.0	4.6	
2947	1973 01 21	18 12 29.9	7.95	74.39	147.0D	5.1	
2948	1973 01 25	13 06 8.9	1.44	77.62	186.0	4.7	
2949	1973 01 29	05 37 17.7	12.11	77.29	63.0	4.5	
2950	1973 01 29	07 51 37.9	16.88	69.69	206.0	3.8	
2951	1973 01 30	17 36 20.7	5.55	77.08	48.0	4.6	
2952	1973 02 01	04 10 23.0	4.03	80.53	75.0	4.9	
2953	1973 02 01	14 51 37.3	12.91	73.45	136.0	4.0	
2954	1973 02 06	04 09 6.0	5.18	78.42	92.0	4.8	
2955	1973 02 07	06 10 21.8	7.42	74.81	140.0D	5.3	
2956	1973 02 09	07 41 22.3	18.39	69.08	134.0	4.9	
2957	1973 02 11	12 53 52.6	5.54	80.91	33.0N	4.6	

I-70

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2958	1973	02	23	04 26 23.3	2.09	78.21	67.0	5.7	5.8 BRK
2959	1973	02	23	06 41 25.5	2.05	78.19	89.0	5.0	
2960	1973	02	23	23 10 51.5	2.28	78.35	33.0N	4.6	
2961	1973	02	28	13 36 39.6	9.15	77.57	33.0N	4.8	
2962	1973	03	01	07 11 60.0	17.99	70.37	118.4	3.7	
2963	1973	03	01	17 49 6.1	2.08	78.21	86.0	4.9	
2964	1973	03	01	20 04 44.4	9.93	74.92	0.0A		
2965	1973	03	01	20 44 25.6	5.63	78.72	0.0A		
2966	1973	03	02	18 30 56.2	18.96	69.08	138.0D	4.9	
2967	1973	03	03	06 28 23.6	14.94	71.13	174.0	4.5	
2968	1973	03	03	21 41 52.6	14.06	74.69	46.9		4.5
2969	1973	03	05	11 11 53.4	4.23	80.63	50.0		
2970	1973	03	05	22 33 38.5	14.70	71.15	157.0	4.5	
2971	1973	03	06	14 50 23.2	15.26	71.24	162.0	5.2	
2972	1973	03	07	02 01 38.7	11.16	74.77	33.0N	4.4	
2973	1973	03	08	13 15 2.2	2.42	78.61	0.0A		4.1
2974	1973	03	09	11 54 18.5	1.36	80.42	59.0		
2975	1973	03	12	10 13 31.9	15.88	72.08	139.0	4.1	
2976	1973	03	12	11 30 7.9	19.63	72.22	0.0A	4.3	
2977	1973	03	12	18 39 46.2	18.66	70.90	0.0A		
2978	1973	03	14	06 07 50.4	11.63	74.18	0.0A		4.6
2979	1973	03	15	09 50 7.0	10.10	79.24	0.0A		
2980	1973	03	17	08 28 9.3	9.63	77.79	73.9	4.6	
2981	1973	03	17	12 44 32.3	19.64	68.84	115.0D	4.6	
2982	1973	03	18	18 09 8.9	8.84	74.60	231.3		
2983	1973	03	19	04 39 56.8	4.04	81.48	0.0A		4.2
2984	1973	03	21	05 22 54.3	15.18	75.33	80.8		
2985	1973	03	21	13 40 56.4	9.91	79.19	0.0A		
2986	1973	03	26	20 37 47.4	17.22	69.35	180.0	4.2	
2987	1973	03	28	12 58 39.9	12.85	76.21	82.3		
2988	1973	03	28	16 48 21.2	7.22	76.51	157.0	4.2	
2989	1973	03	29	04 01 52.1	16.55	75.58	0.0A		
2990	1973	03	29	10 20 35.4	17.24	75.15	0.0A		
2991	1973	03	31	09 02 11.3	15.43	76.50	0.0A		
2992	1973	03	31	16 09 29.0	11.66	76.51	0.0A		
2993	1973	04	04	08 45 12.3	19.95	68.99	122.0	4.6	4.4
2994	1973	04	05	16 10 43.8	17.05	73.65	53.0	4.4	
2995	1973	04	06	00 51 1.9	17.06	72.50	42.0	4.9	
2996	1973	04	06	01 25 40.8	17.48	72.76	30.0	4.2	
2997	1973	04	10	23 04 11.4	8.05	78.65	0.0A		
2998	1973	04	11	04 40 18.6	18.37	73.53	21.9		4.3
2999	1973	04	11	09 18 34.3	9.64	78.97	55.0D		
3000	1973	04	13	22 21 16.2	14.35	76.85	0.0A		

## EARTHQUAKE CATALOG OF PERU

I-71

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3001	1973	04	15	23 02 11.5	14.61	76.09	34.0	5.0	
3002	1973	04	15	23 10 10.3	16.08	75.37	43.6		
3003	1973	04	18	15 41 55.9	14.55	76.29	19.0D	4.9	
3004	1973	04	19	04 28 43.6	14.65	76.27	33.0N	4.7	
3005	1973	04	22	20 00 43.8	16.68	74.32	41.0	3.7	
3006	1973	04	23	00 00 33.3	6.82	73.89	0.0A		
3007	1973	04	24	07 29 9.7	15.95	72.81	50.0	3.8	
3008	1973	04	25	16 51 14.9	10.83	76.45	131.0	4.6	
3009	1973	04	26	16 44 13.7	6.94	80.21	40.0D	4.7	
3010	1973	04	28	10 18 38.7	2.90	77.88	0.0A		
3011	1973	04	28	12 21 11.7	1.44	79.88	109.0	5.5	
3012	1973	04	28	13 03 3.7	18.53	71.19	38.0	4.2	
3013	1973	04	29	14 11 52.2	15.25	71.95	130.0	4.1	
3014	1973	04	30	03 21 12.2	17.43	69.54	170.0	4.0	
3015	1973	04	30	05 10 15.0	16.70	73.96	49.0	4.1	
3016	1973	05	03	15 50 34.6	1.98	78.40	72.0	4.1	
3017	1973	05	05	15 47 4.7	18.32	70.87	33.0N	4.3	
3018	1973	05	08	15 54 47.6	19.56	71.22	33.0N	4.4	
3019	1973	05	08	19 34 31.3	19.58	71.11	35.0	4.4	
3020	1973	05	08	21 40 55.9	19.50	71.22	11.0	4.3	
3021	1973	05	09	04 06 40.3	17.87	69.20	154.0	3.7	
3022	1973	05	10	13 46 34.1	2.10	78.82	131.0	4.9	
3023	1973	05	11	00 44 12.1	9.79	79.43	0.0A		
3024	1973	05	12	00 44 21.3	9.49	78.62	54.0D	4.8	
3025	1973	05	19	18 18 31.4	15.57	73.85	79.0D	5.2	
3026	1973	05	23	05 14 48.4	15.10	74.47	104.0	4.0	
3027	1973	05	27	23 53 26.5	17.41	69.44	178.0	3.7	
3028	1973	05	28	03 23 18.0	13.98	75.27	104.0	3.8	
3029	1973	05	29	16 38 44.8	8.47	73.97	192.0	4.6	
3030	1973	05	30	04 38 1.8	2.26	78.52	111.0D	5.7	
3031	1973	05	30	12 39 54.3	14.06	72.79	90.0D	5.1	
3032	1973	06	04	13 14 29.8	1.31	77.79	177.0	4.3	
3033	1973	06	05	09 11 27.5	18.02	71.79	80.3		
3034	1973	06	06	04 32 29.4	16.81	71.90	0.0A		
3035	1973	06	06	08 40 28.1	1.11	76.07	0.0A		
3036	1973	06	06	19 32 47.4	2.07	79.96	40.0	4.1	
3037	1973	06	08	03 19 11.7	19.33	69.13	135.3		
3038	1973	06	09	13 24 9.2	4.67	77.22	109.0D	4.6	
3039	1973	06	10	05 05 3.5	8.69	79.92	0.0A		
3040	1973	06	10	16 34 36.2	19.38	69.45	115.6		
3041	1973	06	11	06 07 40.6	20.00	70.10	65.0D	4.8	
3042	1973	06	13	15 48 2.8	19.99	70.17	0.0A		
3043	1973	06	14	02 37 45.0	8.50	72.92	0.0A		

1-72

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3044	1973	06	21	06	44	24.3	15.07	76.65	0.0A		
3045	1973	06	21	11	12	35.5	14.09	74.84	0.0A		
3046	1973	06	21	13	01	8.5	15.91	74.19	84.0	4.2	
3047	1973	06	23	12	11	25.5	15.56	76.37	0.0A		
3048	1973	06	26	02	31	20.5	3.91	78.98	0.0A		
3049	1973	06	26	04	02	59.3	11.74	78.22	0.0A		
3050	1973	06	30	23	21	6.0	8.97	82.55	0.0A		
3051	1973	07	02	02	06	44.1	18.75	72.04	0.0A		
3052	1973	07	02	06	05	35.8	10.53	75.03	0.0A		
3053	1973	07	07	12	45	0.1	19.17	69.77	89.0	5.3	
3054	1973	07	07	17	22	35.4	12.16	73.74	0.0A		
3055	1973	07	07	18	38	45.3	19.40	69.61	106.0	4.1	
3056	1973	07	09	05	30	6.3	15.73	73.67	99.0	4.6	
3057	1973	07	10	23	39	16.4	8.73	77.29	27.2	4.5	
3058	1973	07	13	19	06	58.3	6.87	76.32	96.9	4.4	
3059	1973	07	14	01	57	23.8	1.57	80.76	0.0A		
3060	1973	07	14	04	25	15.7	10.24	79.33	54.0	4.7	
3061	1973	07	17	10	18	54.5	9.30	74.23	0.0A		
3062	1973	07	18	15	21	23.0	18.35	69.20	151.0D	5.7	
3063	1973	07	19	13	55	38.0	10.85	79.18	0.0A		
3064	1973	07	21	15	39	5.0	19.15	70.15	75.0	4.3	
3065	1973	07	23	09	42	57.7	15.77	75.25	80.5		
3066	1973	07	24	09	11	15.0	16.46	70.38	0.0A		
3067	1973	07	25	02	35	52.4	13.77	69.81	0.0A		
3068	1973	07	25	16	10	44.6	7.02	83.43	0.0A		
3069	1973	07	25	18	51	21.0	15.60	71.82	0.0A		
3070	1973	07	27	00	35	2.8	16.35	70.35	0.0A		
3071	1973	07	28	06	10	30.7	5.01	73.94	59.9		
3072	1973	07	28	11	18	50.1	17.89	70.60	0.0A		
3073	1973	07	28	11	38	19.3	17.50	70.54	0.0A		
3074	1973	07	28	19	46	11.7	4.25	80.49	80.0	4.5	
3075	1973	07	28	22	18	14.9	16.06	71.31	110.0	5.7	
3076	1973	07	29	16	15	49.6	14.33	72.13	82.0	5.5	
3077	1973	07	30	09	57	44.1	17.71	70.54	0.0A		
3078	1973	07	30	23	35	42.2	3.87	80.88	64.0	4.3	
3079	1973	07	31	05	31	45.4	15.67	72.63	141.0	3.9	
3080	1973	08	01	10	35	9.4	2.73	77.97	70.0	4.0	
3081	1973	08	03	07	32	20.8	13.74	71.87	104.7		
3082	1973	08	03	10	33	46.8	15.96	69.44	257.0	4.3	
3083	1973	08	04	22	44	44.5	17.93	69.48	144.0	3.5	
3084	1973	08	07	02	05	15.6	7.20	80.77	33.0N	5.1	
3085	1973	08	07	02	52	35.5	7.23	76.36	0.0A		
3086	1973	08	07	05	56	24.8	5.68	77.10	58.0	4.7	

## EARTHQUAKE CATALOG OF PERU

I-73

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3087	1973	08	07	09 49 10.4	10.12	78.99	0.0A		
3088	1973	08	07	15 54 23.0	9.36	78.82	77.0	4.9	
3089	1973	08	11	22 08 54.1	14.70	72.72	90.7	4.5	
3090	1973	08	17	09 31 55.5	13.77	70.22	0.0A		
3091	1973	08	19	00 33 21.9	19.14	73.50	0.0A		
3092	1973	08	24	05 09 51.8	15.98	76.57	33.0N	4.7	
3093	1973	08	26	01 23 28.3	17.86	69.43	169.0	4.7	
3094	1973	08	27	05 24 8.7	8.29	76.91	0.0A		
3095	1973	08	29	05 40 8.9	17.53	75.73	0.0A		
3096	1973	09	01	01 03 19.1	15.84	72.11	0.0A		
3097	1973	09	06	01 08 25.4	13.78	70.37	0.0A		
3098	1973	09	06	12 03 12.1	13.55	79.30	0.0A		
3099	1973	09	07	06 18 47.0	15.86	75.99	0.0A		
3100	1973	09	08	07 46 52.7	8.34	74.18	168.0D	5.6	
3101	1973	09	10	03 32 8.9	7.80	73.84	0.0A		
3102	1973	09	14	09 54 35.6	19.28	71.73	0.0A		
3103	1973	09	15	05 32 26.4	17.22	74.73	0.0A		
3104	1973	09	16	04 34 8.6	5.43	76.81	0.0A		
3105	1973	09	18	12 58 25.2	7.03	76.14	133.0D	5.8	
3106	1973	09	20	00 00 22.5	4.17	78.32	177.9		
3107	1973	09	21	00 07 4.0	6.05	80.21	191.6		
3108	1973	09	26	17 43 37.4	19.71	69.65	84.1		
3109	1973	09	28	14 52 29.2	18.12	70.86	54.0	4.4	
3110	1973	10	01	10 34 30.6	16.19	73.42	73.0	4.9	
3111	1973	10	02	10 15 9.6	12.02	75.11	0.0A		
3112	1973	10	03	22 18 4.9	17.33	71.04	0.0A		
3113	1973	10	04	00 22 4.3	17.59	69.85	153.0	3.6	
3114	1973	10	07	04 29 57.4	15.43	71.20	170.1		
3115	1973	10	09	04 36 49.9	4.14	76.24	136.0	4.5	
3116	1973	10	09	07 41 44.8	17.44	69.50	176.0	4.9	
3117	1973	10	09	17 42 18.3	17.13	72.79	52.0	4.8	
3118	1973	10	11	11 12 14.5	18.27	69.64	140.4		
3119	1973	10	12	18 04 29.3	16.02	74.04	47.0	5.3	4.6 H
3120	1973	10	16	02 41 20.6	3.51	77.43	0.0A		
3121	1973	10	17	17 15 23.3	15.52	76.36	0.0A		
3122	1973	10	19	03 11 46.4	15.96	76.56	0.0A		
3123	1973	10	19	09 09 24.1	15.25	72.45	116.5		
3124	1973	10	19	10 11 16.3	19.42	69.87	67.0D	5.4	
3125	1973	10	19	17 54 5.7	17.78	69.35	169.0	3.9	
3126	1973	10	20	17 19 39.5	16.58	74.60	0.0A		
3127	1973	10	22	06 15 23.0	17.99	69.80	105.0	4.7	
3128	1973	10	23	07 39 8.1	14.51	73.02	94.0	4.0	
3129	1973	10	23	14 20 51.5	8.57	78.37	33.0N	4.8	4.5 H

I-74

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3130	1973	10	25	14	49	51.7	13.48	72.38	108.0D	5.0	
3131	1973	10	26	04	01	15.5	15.15	72.24	132.5		
3132	1973	10	30	20	49	52.2	9.53	81.78	33.0A		
3133	1973	10	31	06	13	6.8	13.89	71.38	0.0A		
3134	1973	10	31	08	32	27.3	14.96	75.18	0.0A		
3135	1973	11	02	04	27	14.4	8.74	79.39	52.0	4.5	
3136	1973	11	03	04	34	36.8	17.89	70.68	89.0	5.0	
3137	1973	11	04	03	08	16.1	9.80	78.85	57.0	4.2	
3138	1973	11	04	21	06	55.3	1.40	79.53	33.0N	4.5	
3139	1973	11	05	05	41	34.4	8.34	74.34	174.0	4.6	
3140	1973	11	06	18	20	16.6	9.69	79.19	0.0A		
3141	1973	11	08	05	24	15.0	7.29	74.61	179.9	4.5	
3142	1973	11	08	08	28	27.5	16.12	74.80	86.5		
3143	1973	11	09	04	43	17.5	14.99	76.30	33.0A		
3144	1973	11	09	22	41	27.7	3.97	80.97	31.0	5.6	
3145	1973	11	11	01	53	12.4	5.93	75.16	139.0D	4.8	
3146	1973	11	11	05	18	58.0	15.71	69.06	0.0A		
3147	1973	11	11	06	40	32.0	15.33	74.02	102.0	4.5	
3148	1973	11	12	14	20	36.1	10.72	79.16	33.0N	5.0	4.4 H
3149	1973	11	14	12	17	18.4	11.94	74.81	0.0A		
3150	1973	11	17	07	14	35.3	9.67	78.96	54.6		
3151	1973	11	20	19	12	58.0	17.42	74.84	0.0A		
3152	1973	11	21	01	13	55.3	8.63	74.44	153.0	4.8	
3153	1973	11	22	07	23	45.2	3.31	80.24	0.0A		
3154	1973	11	23	17	26	19.2	19.86	68.39	267.5		
3155	1973	11	25	04	33	19.9	18.78	69.16	139.0D	5.1	
3156	1973	11	26	03	24	42.2	6.64	75.17	49.0	4.7	
3157	1973	11	26	10	05	24.8	8.96	75.05	0.0A		
3158	1973	11	29	05	29	35.0	5.61	76.06	0.0A		
3159	1973	11	29	10	43	57.6	15.07	71.93	148.6		
3160	1973	12	01	14	34	10.1	17.73	69.73	142.0	5.2	
3161	1973	12	03	05	08	7.6	9.85	79.49	33.0N	4.7	
3162	1973	12	04	21	58	25.1	11.85	78.34	0.0A		
3163	1973	12	06	14	53	46.8	15.61	76.82	50.0	4.4	
3164	1973	12	10	19	28	13.2	1.44	77.74	181.0D	5.3	
3165	1973	12	16	13	20	11.3	15.65	73.80	98.9		
3166	1973	12	22	17	44	42.6	9.40	76.53	0.0A		
3167	1973	12	24	18	18	10.2	12.62	77.47	33.0N	5.4	
3168	1973	12	29	23	43	51.4	16.82	69.79	189.0	4.2	
3169	1973	12	30	09	25	37.2	15.00	71.97	78.0		
3170	1973	12	30	11	34	44.2	15.04	72.00	80.3A		
3171	1974	01	04	14	12	38.0	11.89	75.33	394.6		
3172	1974	01	05	08	33	50.7	12.30	76.35	98.0D	6.3	6.6 PAS



## EARTHQUAKE CATALOG OF PERU

I-75

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3173	1974	01	08	05 41 21.5	15.48	71.87	126.7	4.4	
3174	1974	01	12	06 00 11.2	8.11	76.65	260.8		
3175	1974	01	13	04 55 28.8	0.79	80.69	50.0	4.2	
3176	1974	01	13	17 23 49.5	12.68	73.09	51.0	4.6	
3177	1974	01	13	21 02 29.3	19.21	69.38	133.3		
3178	1974	01	14	15 52 47.3	8.57	77.55	4.0	5.2	4.4 H
3179	1974	01	14	17 35 17.0	8.56	77.74	33.0	5.2	4.5 H
3180	1974	01	16	11 15 0.6	16.13	73.56	33.0A		
3181	1974	01	19	09 52 58.2	18.83	72.39	63.0	4.9	
3182	1974	01	20	17 59 9.8	12.58	73.03	64.4		
3183	1974	01	21	02 10 10.2	9.54	80.20	0.0A		
3184	1974	01	21	02 34 44.4	4.25	77.78	129.0	4.4	
3185	1974	01	22	01 11 17.5	17.89	69.33	150.0	3.9	
3186	1974	01	22	13 00 8.3	6.30	81.10	72.0	4.5	
3187	1974	01	24	20 04 12.2	14.70	76.42	37.0A		
3188	1974	01	25	07 26 50.0	16.48	69.85	233.0	3.6	
3189	1974	02	01	06 55 30.8	14.54	72.36	114.1		
3190	1974	02	01	13 06 17.7	15.74	75.04	48.0	5.2	4.7 H
3191	1974	02	01	13 26 53.0	16.71	75.88	0.0A		
3192	1974	02	02	21 09 1.5	15.95	74.48	63.0	5.2	
3193	1974	02	03	03 24 18.5	15.39	74.56	33.0A		
3194	1974	02	03	06 45 14.5	0.15	75.57	0.0A	4.4	
3195	1974	02	05	00 18 23.4	3.85	71.07	33.0A	4.5	
3196	1974	02	06	03 15 44.4	10.97	74.62	97.0	4.8	
3197	1974	02	06	09 31 40.6	10.73	74.83	0.0A		
3198	1974	02	08	11 43 56.6	16.54	75.27	0.0A		
3199	1974	02	06	20 06 6.3	18.33	69.45	0.0A		
3200	1974	02	08	05 27 4.1	18.31	69.91	110.0	3.8	
3201	1974	02	08	06 22 11.5	8.32	77.18	81.0	4.6	
3202	1974	02	09	02 02 28.2	8.96	75.06	162.0	4.5	
3203	1974	02	09	06 24 28.9	16.00	75.41	47.6		
3204	1974	02	10	08 12 53.3	14.46	75.66	68.0	4.5	
3205	1974	02	12	03 53 18.2	16.81	71.71	33.0A		
3206	1974	02	12	05 53 22.9	16.27	72.74	96.9		
3207	1974	02	12	08 33 15.3	5.78	74.49	22.0D	4.6	
3208	1974	02	15	08 36 8.1	11.95	77.73	33.0A		
3209	1974	02	24	14 16 10.4	14.67	70.64	124.1		
3210	1974	02	25	02 45 21.9	1.62	78.00	170.0D	4.3	
3211	1974	03	05	00 55 45.0	6.46	77.71	235.0	4.0	
3212	1974	03	05	17 15 4.4	17.83	68.60	190.0	4.5	
3213	1974	03	06	21 45 40.0	16.42	68.48	192.0	3.7	
3214	1974	03	08	12 45 21.6	9.95	79.39	57.0	4.9	
3215	1974	03	11	17 03 13.1	9.35	78.43	97.0	5.1	

1-76

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3216	1974	03	12	19 15 16.4	16.67	71.85	32.6		
3217	1974	03	13	00 39 57.0	15.56	71.58	0.0A		
3218	1974	03	14	06 10 18.4	12.63	74.65	93.0	4.2	
3219	1974	03	15	11 26 1.4	15.49	72.13	0.0A	4.5	
3220	1974	03	16	02 47 16.2	14.99	74.37	33.0A		
3221	1974	03	19	10 06 39.4	10.26	76.26	33.0A		
3222	1974	03	21	19 28 24.1	4.53	73.40	48.0	4.8	
3223	1974	03	23	09 02 42.5	17.06	72.37	56.1		
3224	1974	03	25	16 59 56.2	14.97	72.93	98.6		
3225	1974	03	28	21 22 46.2	3.24	78.14	35.0	4.1	
3226	1974	03	28	23 30 37.9	3.75	76.00	0.0A		
3227	1974	03	30	02 15 15.7	19.88	68.86	78.0	4.8	
3228	1974	04	01	09 30 13.3	15.51	70.47	220.1		
3229	1974	04	01	15 34 12.4	4.91	77.70	76.0	4.6	
3230	1974	04	02	23 26 37.4	9.79	73.89	0.0A		
3231	1974	04	08	06 46 51.2	15.45	73.47	33.0A		
3232	1974	04	09	07 26 36.6	11.95	75.24	0.0A		
3233	1974	04	09	15 59 23.8	4.81	81.93	33.0A		
3234	1974	04	11	09 59 44.1	8.38	77.77	0.0A	4.7	
3235	1974	04	13	02 27 41.8	8.70	78.41	80.0D	4.8	
3236	1974	04	13	14 00 43.0	13.46	76.01	0.0A		
3237	1974	04	14	06 38 8.8	10.47	78.52	69.0	4.8	
3238	1974	04	17	02 01 32.9	13.66	71.94	0.0A		
3239	1974	04	18	03 53 35.1	5.64	77.04	28.0D	4.6	
3240	1974	04	18	09 19 1.4	19.74	72.21	0.0A		
3241	1974	04	18	23 37 55.0	13.85	76.78	0.0A		
3242	1974	04	19	04 03 38.9	3.74	77.77	102.9		
3243	1974	04	25	08 56 44.0	16.99	70.66	33.0N	5.3	4.8 H
3244	1974	04	27	06 01 47.3	14.96	72.21	113.0	5.8	6.5 PAS
3245	1974	05	01	10 46 52.7	3.53	76.47	115.0	4.5	
3246	1974	05	02	12 40 2.8	17.77	74.07	0.0A		
3247	1974	05	02	22 39 18.8	14.83	71.51	157.0	4.3	
3248	1974	05	03	23 20 19.5	19.40	68.73	144.0	4.4	
3249	1974	05	11	00 13 51.5	15.51	70.58	212.0	4.0	
3250	1974	05	12	10 05 55.4	19.56	69.05	112.0D	5.8	
3251	1974	05	13	03 28 44.0	5.60	78.87	33.0A		
3252	1974	05	13	22 26 1.0	1.75	80.69	0.0A		
3253	1974	05	16	03 38 50.5	19.77	69.20	122.6		
3254	1974	05	17	08 42 6.9	0.63	78.51	70.0	4.6	
3255	1974	05	17	15 22 7.4	11.17	75.08	111.0D	6.0	
3256	1974	05	22	05 13 43.7	15.30	69.82	87.5		
3257	1974	05	23	23 35 55.8	3.97	79.05	0.0A		
3258	1974	05	24	16 46 18.9	11.65	73.09	80.0	4.1	

## EARTHQUAKE CATALOG OF PERU

I-77

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3259	1974	05	25	00	31	15.7	10.14	75.53	33.0N	4.4	
3260	1974	05	26	04	09	4.5	15.27	71.68	152.0	3.6	
3261	1974	05	28	22	49	34.1	8.17	73.88	165.0	4.2	
3262	1974	05	29	10	27	58.7	5.65	80.94	33.0N	4.3	
3263	1974	05	29	23	51	44.3	9.21	75.09	104.0	4.6	
3264	1974	06	01	14	05	40.6	17.56	71.73	111.0	3.9	
3265	1974	06	01	21	11	26.1	2.59	80.20	34.0	4.9	4.1 H
3266	1974	06	03	23	06	26.0	4.89	81.21	59.0	4.4	
3267	1974	06	04	11	19	32.4	1.57	80.34	110.0	4.6	
3268	1974	06	07	04	04	13.9	8.82	75.82	25.0	4.9	
3269	1974	06	09	10	41	22.1	5.75	80.86	52.0	5.1	
3270	1974	06	09	14	16	3.7	5.75	80.98	50.0	5.7	
3271	1974	06	10	14	20	38.1	8.93	81.17	0.0A		
3272	1974	06	12	18	20	30.5	3.88	76.28	134.0	4.7	
3273	1974	06	12	21	55	59.9	2.97	80.25	127.0	4.1	
3274	1974	06	15	00	11	55.0	9.13	78.71	62.0D	4.9	
3275	1974	06	16	00	01	14.4	3.22	78.84	0.0A		
3276	1974	06	19	18	56	15.6	16.69	71.91	0.0A		
3277	1974	06	19	23	25	45.3	8.73	76.15	32.0	4.4	
3278	1974	06	20	03	30	22.8	10.62	74.88	152.0	4.1	
3279	1974	06	20	15	05	31.6	15.68	71.45	148.7		
3280	1974	06	23	07	34	16.2	2.04	80.45	62.0	4.4	
3281	1974	06	23	11	47	10.4	10.24	77.47	88.6	4.6	
3282	1974	06	23	15	45	4.2	5.43	81.88	68.3		
3283	1974	06	28	20	01	51.2	18.52	69.82	0.0A		
3284	1974	06	29	06	13	37.1	10.23	75.48	40.0	4.4	
3285	1974	06	30	18	41	50.7	2.81	79.83	58.0	4.2	
3286	1974	07	02	19	34	10.4	15.97	75.15	33.0N	4.8	4.8 H
3287	1974	07	02	21	37	25.5	16.81	75.95	0.0A		
3288	1974	07	03	09	33	45.5	12.76	78.57	0.0A		
3289	1974	07	04	10	38	20.8	8.28	74.11	160.0	4.4	
3290	1974	07	05	19	36	43.0	7.39	77.28	294.4	3.9	
3291	1974	07	06	19	30	43.5	10.07	73.29	0.0A		
3292	1974	07	07	03	43	42.4	10.98	73.83	33.0A		
3293	1974	07	12	14	04	1.7	11.96	75.45	136.0	4.5	
3294	1974	07	14	19	08	58.1	9.85	79.14	0.0A		
3295	1974	07	15	02	27	32.5	19.25	68.82	160.0	4.5	
3296	1974	07	16	02	03	39.7	15.73	70.29	230.0	4.8	
3297	1974	07	17	12	40	52.5	18.37	69.53	33.0A		
3298	1974	07	17	14	26	25.0	17.50	72.73	33.0N	4.5	
3299	1974	07	21	22	15	59.6	4.72	80.19	121.0	4.7	
3300	1974	07	24	13	42	59.3	15.33	71.10	176.0	4.6	
3301	1974	07	26	07	32	9.1	12.60	76.68	76.0	4.4	

1-78

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3302	1974	07	26	08 59 47.8	16.27	70.94	157.0	5.0	
3303	1974	07	27	23 48 19.8	10.15	78.60	95.0	4.8	
3304	1974	07	28	15 53 21.5	16.00	76.29	0.0A		
3305	1974	07	29	21 47 58.8	4.16	75.63	160.3	4.3	
3306	1974	07	30	00 43 2.6	2.83	78.99	191.0	4.2	
3307	1974	07	30	09 31 11.5	16.96	70.45	141.0	4.0	
3308	1974	08	06	15 04 48.8	16.36	74.37	33.0A		
3309	1974	08	09	04 53 30.7	8.48	74.28	159.0D	5.6	
3310	1974	08	11	17 05 30.3	6.56	77.43	128.1	4.1	
3311	1974	08	14	20 11 14.4	14.97	76.81	0.0A		
3312	1974	08	15	23 46 49.5	15.63	74.52	101.0	4.8	
3313	1974	08	17	08 19 49.1	1.62	81.10	50.0	4.7	
3314	1974	08	17	14 38 38.0	19.23	69.86	95.0	4.0	
3315	1974	08	17	21 22 11.2	12.66	74.20	151.0	4.2	
3316	1974	08	21	15 41 43.6	11.56	75.70	33.0N	4.7	
3317	1974	08	21	23 59 2.0	19.99	71.14	60.0D	5.1	
3318	1974	08	31	00 37 11.5	12.71	77.02	61.0	4.4	
3319	1974	08	31	11 36 49.5	18.49	69.77	128.0	4.8	
3320	1974	08	31	12 01 10.6	14.78	77.11	0.0A		
3321	1974	08	31	22 15 25.6	15.30	72.09	126.0	3.8	
3322	1974	09	02	23 16 37.0	17.74	74.34	0.0A		
3323	1974	09	03	11 15 56.4	14.94	71.86	0.0A		
3324	1974	09	04	03 40 37.6	17.84	71.50	94.0	4.2	
3325	1974	09	07	18 24 19.2	10.43	75.52	0.0A		
3326	1974	09	11	01 21 42.2	19.02	69.58	113.0	5.2	
3327	1974	09	14	17 58 35.5	18.77	69.73	137.3		
3328	1974	09	16	02 47 15.1	7.97	74.44	163.2		
3329	1974	09	19	00 08 37.7	10.38	78.95	35.0	4.6	
3330	1974	09	19	08 23 13.1	1.95	77.05	99.0	4.2	
3331	1974	09	20	04 48 33.8	19.64	69.07	91.0	4.6	
3332	1974	09	23	02 29 14.2	13.12	70.43	0.0A		
3333	1974	09	23	12 52 14.5	19.97	71.76	0.0A		
3334	1974	09	23	17 08 50.0	18.84	70.53	0.0A		
3335	1974	09	26	23 50 4.1	17.52	69.21	0.0A		
3336	1974	09	27	16 09 3.7	12.43	77.58	41.0	5.0	4.2 H
3337	1974	09	30	20 39 11.0	17.59	69.53	153.0	4.2	
3338	1974	10	02	02 54 59.7	5.91	81.09	5.0	5.7	5.6 H
3339	1974	10	03	14 21 29.1	12.27	77.79	13.0	6.6	7.6 H
3339									7.5 PAS
3340	1974	10	03	14 35 22.4	12.64	78.06	33.0N	5.0	
3341	1974	10	03	15 28 18.5	12.45	76.50	33.0N	4.6	
3342	1974	10	03	17 46 2.2	11.24	75.20	0.0A		
3343	1974	10	03	17 51 7.6	12.43	77.07	0.0A	4.6	

## EARTHQUAKE CATALOG OF PERU

1-79

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3344	1974	10	03	18 37 8.4	12.67	77.69	0.0A		
3345	1974	10	03	19 10 0.4	13.50	77.13	28.0	4.8	
3346	1974	10	03	19 18 54.8	12.93	79.08	0.0A		
3347	1974	10	03	20 36 31.5	12.75	78.17	0.0A		
3348	1974	10	03	20 39 24.9	12.40	77.64	33.0N	4.8	4.8 H
3349	1974	10	03	20 49 32.6	12.46	78.12	33.0N	4.6	
3350	1974	10	03	21 23 35.1	17.49	69.43	171.8	4.3	GS
3351	1974	10	03	21 58 57.2	13.43	77.03	33.0N	4.8	4.9 H
3352	1974	10	03	22 14 6.3	12.11	77.92	26.0	4.8	
3353	1974	10	03	23 51 21.8	18.45	68.97	164.0	4.1	
3354	1974	10	04	01 41 47.0	12.74	77.44	0.0A		
3355	1974	10	04	01 55 5.3	12.42	78.32	0.0A		
3356	1974	10	04	02 34 30.2	13.48	77.12	26.0	4.3	
3357	1974	10	04	09 14 30.8	17.67	69.49	160.0		
3358	1974	10	04	12 47 39.7	12.10	77.53	54.0	4.1	
3359	1974	10	04	14 40 5.8	12.92	77.54	33.0A	4.2	GS
3360	1974	10	04	18 11 55.0	13.38	77.41	33.0A	4.3	GS
3361	1974	10	04	23 54 44.5	12.82	77.97	0.0A		
3362	1974	10	05	03 34 49.2	12.53	76.60	144.2	4.2	
3363	1974	10	05	08 29 50.8	12.34	77.74	35.0	4.7	4.2 H
3364	1974	10	05	17 57 59.8	13.76	76.64	33.0N	4.7	
3365	1974	10	05	20 08 44.2	12.81	77.76	33.0N	4.4	
3366	1974	10	05	22 24 27.0	12.06	77.37	0.0A		
3367	1974	10	06	03 50 25.4	12.46	77.74	19.0	4.3	
3368	1974	10	06	13 43 47.3	11.82	77.63	0.0A		
3369	1974	10	06	18 32 43.3	15.30	74.78	90.0	4.9	
3370	1974	10	06	18 57 55.2	11.96	77.29	0.0A		
3371	1974	10	07	04 57 51.3	12.25	77.94	33.0N	5.0	4.7 H
3372	1974	10	07	11 40 27.7	13.48	76.95	33.0N	4.5	
3373	1974	10	07	16 11 39.9	12.35	77.48	0.0A		
3374	1974	10	08	02 14 47.9	14.62	71.52	113.0	4.4	
3375	1974	10	08	15 39 34.7	4.42	80.93	33.0N	5.0	
3376	1974	10	08	23 38 18.6	18.24	69.42	146.0	3.6	
3377	1974	10	09	02 12 8.3	13.00	77.13	0.0A		
3378	1974	10	09	02 59 0.4	12.74	77.16	33.0N	4.4	
3379	1974	10	09	17 49 54.9	12.52	77.73	33.0N	4.8	
3380	1974	10	09	21 54 32.2	12.88	76.89	33.0N	4.9	
3381	1974	10	10	06 36 49.2	13.01	77.31	0.0A		
3382	1974	10	10	19 52 59.0	12.44	77.61	27.0	5.3	5.1 H
3383	1974	10	10	20 57 47.5	12.99	77.54	33.0N	4.8	4.4 H
3384	1974	10	11	04 36 22.8	14.52	74.28	99.0	5.3	
3385	1974	10	11	17 54 7.7	16.01	74.21	69.0	4.8	
3386	1974	10	12	01 07 59.5	13.81	77.68	33.0A	4.2	GS

1-80

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3387	1974	10	13	07 52 48.6	12.63	77.13	33.0N	4.2	
3388	1974	10	13	17 34 28.2	12.56	77.16	33.0N	4.0	
3389	1974	10	14	07 45 17.2	2.38	76.44	162.0	5.1	
3390	1974	10	14	22 36 17.4	12.58	76.77	55.1	4.2	GS
3391	1974	10	15	18 29 53.5	12.77	77.12	0.0A		
3392	1974	10	16	10 25 22.1	12.54	77.01	57.6		
3393	1974	10	17	13 47 56.4	16.51	74.13	0.0A		
3394	1974	10	18	04 09 40.4	4.04	77.64	127.0	4.3	
3395	1974	10	21	07 15 7.1	1.12	78.64	4.0A	3.9	
3396	1974	10	21	11 21 39.0	2.35	76.43	177.4	3.8	GS
3397	1974	10	23	16 44 38.4	12.07	77.31	0.0A		
3398	1974	10	24	01 33 37.6	12.38	77.40	0.0A		
3399	1974	10	24	02 25 39.2	12.53	77.30	60.0	4.5	
3400	1974	10	25	00 37 30.9	19.66	73.99	0.0A		
3401	1974	10	26	18 53 23.6	14.94	73.31	110.0D	5.3	
3402	1974	10	26	20 33 34.6	18.90	69.14	136.0	4.5	
3403	1974	10	27	16 21 24.7	16.65	71.59	91.0	4.5	
3404	1974	10	28	01 21 19.0	13.23	77.54	33.0A		
3405	1974	10	28	14 30 53.3	13.66	77.47	0.0A		
3406	1974	10	31	08 58 18.9	15.35	71.03	31.0	5.1	4.8 H
3407	1974	10	31	14 34 10.4	15.06	70.69	83.0	5.2	
3408	1974	10	31	23 00 52.7	15.47	71.24	0.0A		
3409	1974	11	02	00 57 37.1	12.53	77.87	33.0N	4.9	
3410	1974	11	05	23 20 41.3	16.71	71.39	69.0	4.6	
3411	1974	11	06	13 22 50.0	19.23	69.86	82.6		
3412	1974	11	07	13 17 37.3	15.41	70.52	153.0	5.4	
3413	1974	11	08	00 04 47.5	13.76	76.93	0.0A		
3414	1974	11	08	08 48 14.1	18.03	72.08	33.0A		
3415	1974	11	09	10 10 37.7	14.59	73.67	95.9		
3416	1974	11	09	12 59 49.8	12.50	77.79	6.0	6.0	7.2 H
3416									6.2 PAS
3417	1974	11	11	07 23 22.3	11.13	78.90	33.0N	4.7	
3418	1974	11	11	11 43 53.7	7.33	76.72	74.0	4.7	
3419	1974	11	12	00 53 54.2	10.73	79.08	33.0N	5.0	4.5 H
3420	1974	11	14	19 17 35.2	12.85	77.08	33.0	5.4	
3421	1974	11	15	02 50 22.9	5.73	79.96	33.0A		
3422	1974	11	16	15 09 57.0	15.45	73.46	109.7		
3423	1974	11	16	17 21 8.1	5.70	81.27	32.8		
3424	1974	11	17	11 55 10.5	0.88	80.36	61.5		
3425	1974	11	17	13 24 8.9	13.26	80.76	0.0A		
3426	1974	11	17	23 33 14.0	16.33	70.19	141.0	4.1	
3427	1974	11	18	13 31 42.8	12.91	77.61	0.0A		
3428	1974	11	19	03 33 6.8	17.84	69.88	188.6	3.9	GS

## EARTHQUAKE CATALOG OF PERU

I-81

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3429	1974	11	21	19	38	40.8	13.69	75.96	90.0		
3430	1974	11	22	03	33	56.8	3.76	79.44	33.0A	4.5	
3431	1974	11	26	04	46	47.6	19.93	68.51	174.0	5.1	
3432	1974	11	26	13	55	1.6	0.71	79.18	103.3	4.2	GS
3433	1974	12	05	02	32	25.5	7.00	80.41	0.0A		
3434	1974	12	05	11	57	31.3	7.69	74.45	162.0D	6.0	
3435	1974	12	05	17	03	38.6	11.78	75.71	51.0	4.7	
3436	1974	12	06	06	52	49.4	7.84	74.82	167.0	4.4	
3437	1974	12	07	11	35	21.5	8.03	76.21	0.0A		
3438	1974	12	08	06	42	54.7	15.37	71.49	0.0A		
3439	1974	12	08	09	52	18.1	18.32	72.44	0.0A		
3440	1974	12	08	11	43	4.5	17.11	73.16	29.0	4.5	
3441	1974	12	09	20	57	11.1	6.80	74.60	0.0A		
3442	1974	12	10	23	31	28.0	16.05	74.80	46.0	4.9	
3443	1974	12	13	11	53	33.6	3.84	79.67	111.0	4.5	
3444	1974	12	13	13	23	37.0	18.98	69.51	118.0	5.3	
3445	1974	12	17	13	47	34.8	14.05	75.75	73.0	4.6	
3446	1974	12	18	20	31	27.8	4.53	77.66	0.0A		
3447	1974	12	22	16	44	15.5	18.99	69.83	63.0	5.2	
3448	1974	12	23	08	13	58.8	3.04	75.39	119.0	4.6	
3449	1974	12	24	00	54	0.5	12.86	77.96	19.0	4.7	
3450	1974	12	25	04	02	20.7	19.56	69.67	82.9	4.2	
3451	1974	12	25	18	01	19.9	19.67	69.75	84.0	4.2	
3452	1974	12	25	19	25	27.8	2.59	76.79	169.0	4.0	
3453	1974	12	29	11	18	58.9	14.38	72.56	0.0A		
3454	1974	12	31	15	29	14.2	14.73	73.07	107.0	3.8	
3455	1975	01	02	11	31	21.1	15.06	73.05	33.0A		
3456	1975	01	10	04	53	30.3	19.48	69.46	116.0D	4.5	
3457	1975	01	10	17	37	37.9	17.40	72.12	69.0	4.0	
3458	1975	01	12	11	56	27.4	18.30	69.84	142.6	4.2	
3459	1975	01	15	00	22	15.6	13.61	72.64	63.2		
3460	1975	01	17	12	37	1.5	17.28	70.28	137.2	4.0	
3461	1975	01	19	18	41	2.8	15.75	72.62	119.7	4.5	GS
3462	1975	01	21	14	25	23.1	9.89	79.10	35.0	5.4	4.7 H
3463	1975	01	22	03	34	26.0	10.19	79.56	36.6	4.3	
3464	1975	01	22	15	07	31.5	7.75	74.47	153.0D	4.6	
3465	1975	01	23	10	44	37.0	15.55	70.85	204.0	4.2	
3466	1975	01	23	11	04	15.6	15.37	72.85	112.0D	5.4	
3467	1975	02	01	12	50	44.5	5.94	79.53	33.0N	4.7	
3468	1975	02	03	01	51	15.3	18.39	74.01	0.0A		
3469	1975	02	10	19	20	29.4	15.18	75.87	57.0	4.9	
3470	1975	02	11	02	26	57.5	15.27	76.20	33.0N	4.5	
3471	1975	02	11	12	03	39.2	9.96	79.24	33.0N	4.6	

I-82

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3472	1975	02	12	07 31 57.0	15.74	76.21	47.9		
3473	1975	02	12	13 53 52.8	18.65	73.38	0.0A	4.5	
3474	1975	02	13	13 32 20.3	15.55	72.70	154.0	3.6	
3475	1975	02	18	18 13 40.3	8.49	82.10	29.0	5.2	5.1 H
3476	1975	02	21	20 19 42.8	14.71	74.05	108.0D	4.9	
3477	1975	02	22	11 39 34.1	8.50	75.23	97.0	4.4	
3478	1975	02	26	20 14 59.6	19.80	69.27	82.0	5.7	
3479	1975	03	01	14 53 19.0	8.45	81.97	33.0N	5.5	5.3 H
3480	1975	03	01	17 40 11.2	10.51	73.40	0.0A		
3481	1975	03	05	16 39 13.0	11.55	77.48	52.0	4.5	
3482	1975	03	12	02 39 40.8	15.39	75.22	33.0A	4.1	
3483	1975	03	18	01 10 53.6	10.07	75.28	40.0D	5.5	4.4 H
3484	1975	03	18	17 21 23.4	4.23	77.01	98.0D	6.2	6.5 PAS
3485	1975	03	19	13 07 5.1	1.09	80.88	39.0	4.4	
3486	1975	03	20	03 56 47.6	8.73	82.23	0.0A	4.6	
3487	1975	03	22	05 35 50.4	10.61	72.59	0.0A		
3488	1975	03	27	21 37 14.2	13.36	69.28	0.0A		
3489	1975	03	31	10 33 11.8	9.66	79.76	33.0N	4.9	
3490	1975	03	31	11 52 21.1	10.68	80.48	33.0N	4.5	
3491	1975	04	01	08 14 43.4	7.88	74.51	0.0A		
3492	1975	04	03	09 24 46.3	16.90	73.47	76.0		
3493	1975	04	07	01 39 50.5	1.96	80.30	62.0	4.9	
3494	1975	04	07	04 12 30.0	12.23	75.49	280.4		
3495	1975	04	09	04 29 5.5	11.88	75.12	0.0A		
3496	1975	04	10	05 20 59.4	14.62	70.61	178.0	4.3	
3497	1975	04	11	09 18 59.0	0.69	78.75	33.0A		
3498	1975	04	12	15 33 8.6	14.77	72.71	81.0	5.9	
3499	1975	04	14	13 05 58.6	16.78	71.84	0.0A		
3500	1975	04	18	12 34 9.8	12.49	77.98	33.0N	5.3	4.9 H
3501	1975	04	19	13 13 39.2	14.80	72.80	93.0	4.7	
3502	1975	04	20	15 47 12.6	12.75	68.59	0.0A		
3503	1975	04	22	04 04 57.6	11.92	75.08	0.0A		
3504	1975	04	23	11 42 36.8	19.02	69.61	171.4A		
3505	1975	04	25	09 36 5.3	5.87	81.15	22.0D	5.1	5.0 H
3506	1975	04	27	18 49 53.0	9.53	79.34	68.0	4.6	
3507	1975	04	29	07 13 39.3	11.76	77.64	0.0A		
3508	1975	04	30	08 50 16.2	10.43	75.61	0.0A		
3509	1975	04	30	10 48 27.4	11.50	76.93	0.0A		
3510	1975	05	06	09 49 46.8	5.36	81.14	69.0	4.4	
3511	1975	05	07	02 31 15.5	14.90	71.77	128.0	4.5	
3512	1975	05	07	10 59 53.4	19.85	68.43	154.0	4.1	
3513	1975	05	09	03 11 3.4	15.60	73.07	33.0A		
3514	1975	05	10	07 31 1.1	12.30	73.09	0.0A		



## EARTHQUAKE CATALOG OF PERU

1-83

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3515	1975	05	18	05 10 55.4	9.29	78.94	66.0D	5.2	
3516	1975	05	18	11 15 44.2	6.60	76.94	0.0A	4.3	
3517	1975	05	22	06 12 46.2	2.52	80.37	0.0A	4.1	
3518	1975	05	23	19 26 12.8	10.66	78.54	62.0	5.0	
3519	1975	05	25	21 43 41.4	17.22	71.76	33.0N	4.2	
3520	1975	05	30	02 12 39.8	4.09	80.98	31.0D	4.7	3.8 Z
3521	1975	06	01	02 44 52.1	14.27	75.70	27.0	4.7	
3522	1975	06	03	20 18 2.0	6.17	75.15	33.0D	5.0	5.2 Z
3523	1975	06	05	03 32 44.9	13.70	76.14	58.0D	5.5	
3524	1975	06	05	20 29 36.4	16.34	69.10	182.0	5.6	
3525	1975	06	06	14 21 6.8	3.97	76.91	114.0	5.3	
3526	1975	06	08	15 09 59.7	14.41	72.69	33.0A		
3527	1975	06	09	10 58 35.7	17.00	72.16	33.0A		
3528	1975	06	10	16 30 42.2	3.62	80.92	49.0	5.1	
3529	1975	06	11	16 37 36.8	5.97	73.36	0.0A	4.6	
3530	1975	06	12	01 53 26.1	17.97	70.70	53.3		
3531	1975	06	15	17 46 28.9	15.71	72.72	122.0	4.2	
3532	1975	06	15	17 59 16.7	8.43	74.19	176.0	4.7	
3533	1975	06	20	21 23 27.9	19.23	69.72	107.9A		
3534	1975	06	21	09 47 6.0	17.86	70.58	131.0	4.4	
3535	1975	06	27	09 17 54.6	1.92	80.99	41.0	4.5	
3536	1975	06	27	10 43 17.2	16.84	72.16	33.0A		
3537	1975	06	29	03 32 7.2	6.94	77.42	0.0A		
3538	1975	06	29	12 16 58.6	9.23	80.63	57.0	4.6	
3539	1975	07	01	16 06 49.0	17.06	72.51	33.0A		
3540	1975	07	05	10 58 55.9	19.07	71.34	33.0N	4.7	
3541	1975	07	08	19 17 2.2	9.38	79.09	62.0	4.9	
3542	1975	07	12	06 47 37.5	17.17	69.35	156.0D	5.5	
3543	1975	07	17	08 39 52.7	3.79	76.64	113.0D	5.0	
3544	1975	07	23	16 57 33.6	15.55	75.28	59.7	4.6	GS
3545	1975	07	23	19 28 38.3	17.55	69.56	175.7		
3546	1975	07	29	01 12 47.3	1.44	77.87	180.0	4.6	
3547	1975	07	31	10 42 31.9	5.22	78.83	92.8		
3548	1975	08	03	11 59 20.7	15.65	75.11	15.0	5.3	5.9 Z
3549	1975	08	03	14 23 43.7	15.72	75.11	56.6	4.7	GS
3550	1975	08	03	16 28 8.5	17.14	76.56	33.0A		
3551	1975	08	03	17 44 50.2	15.69	74.97	51.0	4.7	
3552	1975	08	09	01 50 21.8	16.89	72.84	45.0	4.9	
3553	1975	08	10	04 20 15.2	9.75	79.04	33.0N	4.7	
3554	1975	08	10	05 23 59.4	8.64	79.58	80.0	4.7	
3555	1975	08	10	06 16 13.0	12.06	78.34	33.0A	4.2	GS
3556	1975	08	10	10 04 49.7	0.73	78.86	33.0A		
3557	1975	08	10	13 57 44.6	19.92	68.90	91.0	4.7	

I-84

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3558	1975	08	11	10	39	18.8	11.73	77.75	74.0D	5.6	4.3 Z
3559	1975	08	16	00	53	53.7	5.38	76.08	123.0D	5.7	
3560	1975	08	22	10	16	50.6	18.56	69.77	113.4		
3561	1975	08	23	17	54	23.5	14.24	75.66	68.1		
3562	1975	08	24	15	30	8.7	5.49	77.22	33.0N	5.1	
3563	1975	08	25	21	42	10.8	19.24	69.16	119.0D	5.7	
3564	1975	08	26	08	07	31.8	18.08	69.37	159.4		4.2 GS
3565	1975	08	26	17	51	57.1	19.26	69.23	33.0A		
3566	1975	08	28	10	18	20.0	19.70	68.75	179.2	4.2	
3567	1975	09	02	06	09	50.4	17.84	69.34	174.0		
3568	1975	09	02	23	54	41.4	19.43	69.05	33.0A		
3569	1975	09	06	10	46	34.6	10.47	74.83	134.0	4.7	
3570	1975	09	16	00	44	2.3	4.34	80.70	65.0D	5.0	3.7 GS
3571	1975	09	30	03	50	59.3	9.55	74.65	135.0D	5.8	
3572	1975	09	30	12	15	8.6	19.35	69.31	133.0	3.9	
3573	1975	09	30	12	39	47.0	18.80	69.09	152.8		
3574	1975	10	07	08	25	58.8	0.43	80.65	94.9		
3575	1975	10	08	00	09	13.5	17.68	69.43	168.1	3.7	
3576	1975	10	09	13	34	15.5	12.27	77.96	33.0	5.4	3.5 Z
3577	1975	10	11	16	24	17.9	4.24	81.05	29.0	5.2	
3578	1975	10	14	05	36	16.5	18.69	71.09	56.0		
3579	1975	10	17	00	56	59.5	0.31	80.63	73.0	4.6	
3580	1975	10	17	23	26	59.8	1.11	81.08	285.8		
3581	1975	10	18	22	57	56.3	9.77	79.86	33.0N	4.9	
3582	1975	10	20	09	37	8.2	12.42	76.88	33.0A		3.3 Z
3583	1975	10	21	23	52	17.0	19.96	69.59	64.0	3.9	
3584	1975	10	23	09	00	59.1	15.97	71.00	204.0	4.2	
3585	1975	10	29	03	56	40.4	19.62	68.95	105.0	4.5	
3586	1975	10	29	06	18	42.3	10.98	78.11	58.0D	5.5	
3587	1975	10	29	14	41	27.5	0.00	77.90	71.0	4.1	
3588	1975	10	30	18	19	57.2	6.68	81.61	33.0N	4.7	3.3 Z
3589	1975	10	31	10	20	47.9	18.33	71.75	41.1	4.2	
3590	1975	11	06	17	44	16.3	0.34	80.74	54.0	5.1	
3591	1975	11	06	22	38	50.5	0.41	80.66	55.0	4.8	
3592	1975	11	07	03	16	31.5	3.92	76.99	113.0	4.9	
3593	1975	11	08	10	34	8.1	3.39	79.01	219.5		
3594	1975	11	15	06	33	23.5	7.29	75.64	32.5		3.8 GS
3595	1975	11	20	08	09	11.5	11.85	73.20	33.0A	3.8	
3596	1975	11	28	18	32	34.4	16.82	75.76	33.0A		
3597	1975	11	28	21	37	18.9	15.27	70.64	201.0	4.7	
3598	1975	11	29	06	26	56.2	5.12	77.57	33.0	4.8	
3599	1975	12	06	09	48	51.3	15.48	75.48	33.0A		
3600	1975	12	06	10	23	47.1	16.98	72.57	64.0	4.8	

## EARTHQUAKE CATALOG OF PERU

I-85

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3601	1975	12	08	01	50	19.1	5.51	77.30	78.0	5.0	
3602	1975	12	11	20	17	8.1	11.56	74.55	98.0D	6.0	
3603	1975	12	12	08	56	13.2	19.80	69.13	99.0	4.3	
3604	1975	12	16	22	21	11.2	13.48	72.57	118.1		
3605	1975	12	19	22	57	17.6	17.58	70.72	122.0	4.9	
3606	1975	12	21	18	05	40.6	3.78	77.37	87.0D	5.3	
3607	1975	12	27	03	23	35.7	14.86	76.96	33.0A		
3608	1975	12	27	12	07	59.1	9.99	70.73	622.0	4.9	
3609	1975	12	29	15	10	32.8	16.60	73.99	27.0	4.7	
3610	1976	01	05	02	31	36.3	13.29	74.90	95.0	6.0	
3611	1976	01	06	04	39	37.7	16.29	69.52	261.1		
3612	1976	01	06	23	54	22.2	17.92	69.48	76.0	5.6	
3613	1976	01	09	17	14	54.9	14.13	72.97	33.0A		
3614	1976	01	12	06	14	9.8	9.60	75.10	134.0	4.7	
3615	1976	01	18	23	28	49.9	12.00	77.53	33.0N	4.8	
3616	1976	01	20	13	28	0.6	15.80	72.75	143.4		
3617	1976	01	20	17	44	17.8	15.65	70.90	195.9	4.1	GS
3618	1976	01	24	03	36	12.5	4.07	81.92	16.0	5.1	
3619	1976	01	24	16	57	34.1	2.95	77.92	61.7	4.2	GS
3620	1976	01	29	12	04	14.8	19.10	69.07	109.0	4.5	
3621	1976	02	01	09	45	24.0	19.31	70.49	33.0A		
3622	1976	02	01	15	58	20.9	7.38	80.44	43.0D	5.4	4.4 Z
3623	1976	02	09	09	39	8.7	14.90	73.71	106.0	4.6	
3624	1976	02	11	18	31	39.0	19.99	69.66	33.0N		
3625	1976	02	19	02	28	32.4	1.45	77.73	185.0	4.5	
3626	1976	02	27	03	36	13.6	19.48	69.07	103.0D	5.5	
3627	1976	02	29	03	45	53.0	8.54	79.43	65.0D	4.9	
3628	1976	02	29	05	59	6.8	9.10	71.33	614.0	4.8	
3629	1976	02	29	18	01	20.8	13.34	74.93	103.0	5.2	
3630	1976	03	08	08	58	17.3	15.53	74.40	71.0	5.1	
3631	1976	03	08	10	38	46.9	8.71	80.48	33.0N	4.4	
3632	1976	03	10	04	37	23.3	10.53	74.83	33.0A		
3633	1976	03	14	21	54	15.7	17.06	70.44	138.0		
3634	1976	03	15	22	04	18.1	1.85	78.39	147.6		
3635	1976	03	19	08	21	52.3	1.29	77.75	186.0	4.9	
3636	1976	03	21	09	18	29.8	8.60	80.38	57.0	4.7	
3637	1976	03	22	18	34	45.3	17.74	72.82	380.2		
3638	1976	03	23	22	11	4.4	14.11	75.42	57.0	4.9	
3639	1976	03	24	19	31	16.7	13.78	68.41	231.5		
3640	1976	03	25	07	08	42.4	9.53	78.67	97.0	4.8	
3641	1976	03	31	22	23	54.4	10.47	75.42	33.0A		
3642	1976	04	01	17	17	36.0	16.31	73.21	91.0	4.9	
3643	1976	04	02	07	56	16.4	10.39	73.03	33.0A		

1-86

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3644	1976	04	06	09	07	26.1	15.72	75.05	33.0A		
3645	1976	04	06	17	59	55.3	12.23	76.52	272.1		
3646	1976	04	15	17	48	9.2	14.76	76.03	43.0	4.9	
3647	1976	04	18	10	52	43.6	8.39	75.01	135.0D	4.7	
3648	1976	04	25	16	36	37.5	15.78	73.46	179.8		
3649	1976	04	28	20	03	19.7	9.24	80.39	131.9	4.6	GS
3650	1976	04	29	23	30	17.0	9.20	79.27	68.0	5.0	
3651	1976	05	05	02	39	43.9	2.85	80.47	41.3		
3652	1976	05	06	13	00	48.3	14.58	72.11	105.0	4.7	
3653	1976	05	07	05	10	49.3	8.62	74.72	133.0	5.3	
3654	1976	05	10	05	25	36.9	14.77	70.83	213.0	4.3	
3655	1976	05	10	23	46	46.6	17.89	69.76	165.1		
3656	1976	05	13	03	59	19.7	3.77	81.13	33.0N	4.4	
3657	1976	05	15	21	55	58.5	11.64	74.48	33.0N	6.0	6.6 Z
3657											6.5 PAS
3658	1976	05	15	23	28	16.1	11.55	74.38	33.0N	5.3	
3659	1976	05	16	01	49	24.3	3.86	76.55	189.5	4.4	
3660	1976	05	16	03	03	3.8	11.55	74.35	9.0	4.7	
3661	1976	05	18	02	02	15.5	16.83	72.70	65.0D	5.4	
3662	1976	05	18	03	17	32.8	16.30	72.38	95.0	4.9	
3663	1976	05	19	08	35	28.9	11.54	74.40	16.0	4.6	
3664	1976	05	20	09	39	0.6	16.46	74.56	58.2		
3665	1976	05	22	08	02	1.2	18.69	70.93	76.4	4.0	GS
3666	1976	05	23	16	32	33.0	10.49	78.32	73.0D	5.9	
3667	1976	05	23	22	21	2.1	6.96	74.07	33.0N	4.7	
3668	1976	05	25	05	02	8.7	15.60	70.29	215.9		
3669	1976	05	25	18	26	44.4	17.79	68.82	198.6	3.9	GS
3670	1976	05	26	01	12	17.4	17.71	69.69	167.0		
3671	1976	05	27	04	17	51.8	8.43	80.22	33.0A		
3672	1976	05	28	07	30	2.2	15.19	72.15	137.0	4.7	
3673	1976	06	01	04	43	25.0	19.66	70.00	158.2		
3674	1976	06	02	21	46	6.6	16.04	69.51	254.8		
3675	1976	06	03	03	28	5.2	17.42	69.85	160.4		
3676	1976	06	05	10	50	7.4	17.99	70.07	33.0A		
3677	1976	06	07	19	07	56.8	16.72	74.25	33.0A		
3678	1976	06	11	00	55	59.0	20.00	71.11	32.0	4.7	
3679	1976	06	13	22	02	47.6	15.31	75.42	33.0N	5.6	5.6 Z
3679											5.6 BRK
3680	1976	06	14	19	59	11.3	15.99	76.45	42.0A		
3681	1976	06	15	07	13	23.0	15.89	76.17	108.0A		
3682	1976	06	18	10	13	51.0	15.30	75.50	33.0N	5.6	5.5 Z
3682											5.6 BRK
3683	1976	06	18	14	58	53.6	15.20	75.44	32.0D	5.7	5.2 Z

## EARTHQUAKE CATALOG OF PERU

I-87

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3684	1976	06	18	17	10	42.6	15.43	75.69	40.3		
3685	1976	06	20	21	33	27.1	19.82	69.43	133.0		
3686	1976	06	21	07	56	31.1	18.19	69.58	145.9		
3687	1976	06	22	14	07	4.1	17.16	69.52	211.1		
3688	1976	06	22	16	41	9.9	15.93	76.14	168.0A		
3689	1976	06	26	12	26	58.1	17.64	72.53	23.0		
3690	1976	06	26	14	13	59.2	16.84	69.73	186.6	5.3	GS
3691	1976	07	02	20	20	21.1	10.32	78.57	45.0	4.8	
3692	1976	07	08	12	46	16.9	4.75	79.72	80.0	4.6	
3693	1976	07	09	10	50	25.0	10.05	75.95	33.0N		
3694	1976	07	10	08	00	26.7	15.67	75.70	33.0A		
3695	1976	07	13	09	21	45.9	7.44	73.93	33.0A	4.9	
3696	1976	07	15	23	05	15.5	1.35	77.78	191.0	4.5	
3697	1976	07	18	09	43	56.9	10.19	70.99	512.9	4.5	GS
3698	1976	07	23	15	42	38.1	16.55	72.21	109.6	5.1	
3699	1976	07	24	05	49	2.4	11.92	77.60	33.0N	4.8	
3700	1976	07	29	08	48	30.5	15.45	75.23	63.0	4.8	
3701	1976	07	30	23	16	12.9	15.37	72.40	123.5		
3702	1976	08	05	22	20	1.1	15.99	73.35	94.9	5.1	GS
3703	1976	08	06	14	31	20.0	10.29	78.67	60.0	5.2	
3704	1976	08	15	14	55	15.1	16.23	73.55	61.0	5.2	
3705	1976	08	16	18	05	9.6	4.46	80.47	99.7	4.8	
3706	1976	08	17	06	02	38.5	15.98	72.91	95.0	5.1	
3707	1976	08	17	21	57	4.5	19.07	69.33	150.7		
3708	1976	08	18	17	45	24.4	15.52	74.99	49.0		
3709	1976	08	21	03	26	54.7	19.62	69.28	114.0	4.6	GS
3710	1976	08	22	12	22	5.8	19.56	70.54	33.0A		
3711	1976	08	24	00	14	28.0	8.30	74.38	90.0	4.7	
3712	1976	08	24	15	47	54.6	17.67	72.54	49.2		
3713	1976	08	26	07	21	11.5	12.57	76.77	33.0A		
3714	1976	08	28	21	50	37.8	10.67	78.19	59.0	5.1	3.7 Z
3715	1976	08	31	02	49	46.1	19.87	71.07	52.0		
3716	1976	09	01	20	34	25.1	2.63	80.18	131.3		
3717	1976	09	02	02	34	29.3	4.24	79.70	33.0A		
3718	1976	09	03	17	57	6.8	15.50	73.68	63.0	5.2	
3719	1976	09	12	20	00	57.3	16.58	73.44	33.0A		
3720	1976	09	14	04	38	24.0	5.37	77.21	29.0		
3721	1976	09	14	14	27	18.1	15.37	74.45	98.0	5.0	
3722	1976	09	18	07	20	34.4	17.52	69.58	55.0	4.7	
3723	1976	09	25	10	51	20.8	17.66	69.69	152.0		
3724	1976	09	28	13	52	27.9	17.29	69.20	132.0	5.0	
3725	1976	09	28	13	53	44.8	14.68	69.85	335.5	4.3	GS
3726	1976	09	29	06	49	10.4	6.92	75.84	33.0A		

1-88

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3727	1976	10	02	16 16 3.3	0.37	77.68	33.0A		
3728	1976	10	04	23 36 11.1	0.75	78.60	55.0	5.1	
3729	1976	10	05	16 36 29.1	0.63	78.74	33.0N	5.2	
3730	1976	10	06	09 12 38.9	0.75	78.78	33.0N	5.7	
3731	1976	10	06	10 45 23.1	0.84	79.06	15.2	4.7	GS
3732	1976	10	06	15 44 28.9	0.98	78.78	93.2	4.8	GS
3733	1976	10	07	22 01 18.5	0.30	80.40	48.0	5.0	
3734	1976	10	09	19 41 41.1	15.62	71.80	169.6A		
3735	1976	10	09	21 10 28.6	10.68	79.49	64.0	5.1	
3736	1976	10	10	06 19 24.2	0.79	78.61	51.0	4.8	
3737	1976	10	15	01 29 46.8	19.87	70.47	33.0A		
3738	1976	10	15	08 43 5.7	18.42	69.67	127.0		
3739	1976	10	16	18 07 29.3	15.72	70.24	230.0	4.7	
3740	1976	10	17	03 58 39.3	9.94	77.49	33.0A	4.9	
3741	1976	10	18	18 36 36.7	9.24	79.02	62.0	5.3	
3742	1976	10	19	10 18 29.2	18.75	69.39	33.0A		
3743	1976	10	23	05 43 15.1	15.76	71.82	145.1	4.9	GS
3744	1976	10	25	22 19 4.9	17.83	71.17	37.0	5.3	
3745	1976	10	27	00 05 49.9	1.26	77.95	41.8	5.2	
3746	1976	10	28	09 59 29.6	15.02	73.73	84.2	5.3	GS
3747	1976	11	01	03 01 51.4	12.49	77.82	32.0	5.2	
3748	1976	11	03	17 09 12.3	16.63	71.58	96.0	5.1	
3749	1976	11	08	00 14 17.3	19.51	69.12	90.9		
3750	1976	11	09	10 43 57.3	15.43	76.49	96.3		
3751	1976	11	15	23 46 5.8	19.81	71.38	33.0A		
3752	1976	11	16	07 53 47.4	15.52	72.37	169.0A		
3753	1976	11	17	18 37 46.4	19.67	69.15	105.0D	4.9	
3754	1976	11	20	17 34 40.6	17.72	69.50	177.8		
3755	1976	11	20	22 37 27.7	6.53	80.84	33.0N	4.9	
3756	1976	11	26	23 43 40.8	1.42	77.67	196.0	4.8	
3757	1976	11	28	10 04 25.8	17.43	69.50	175.0		
3758	1976	11	28	10 42 6.4	19.12	70.15	33.0A		
3759	1976	11	29	03 42 53.6	18.32	69.58	261.0A		
3760	1976	11	30	17 08 40.9	19.95	69.21	69.0	5.5	
3761	1976	12	02	13 34 19.1	13.52	68.14	33.0A		
3762	1976	12	06	05 01 36.9	11.59	74.06	49.0	4.6	
3763	1976	12	15	02 33 22.8	15.00	73.71	96.0	5.0	
3764	1976	12	20	16 56 41.5	6.85	77.18	68.2	5.0	GS
3765	1976	12	22	11 07 58.1	15.32	70.30	185.0	4.6	
3766	1976	12	26	04 18 35.5	0.81	77.63	33.0N	5.2	
3767	1976	12	26	13 22 57.9	16.47	73.51	67.6	5.0	GS
3768	1976	12	27	06 22 29.0	3.76	80.72	65.0	4.9	
3769	1976	12	31	04 05 29.1	11.89	74.29	33.0A		

## EARTHQUAKE CATALOG OF PERU

I-89

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3770	1977	01	13	03	27	22.2	1.54	77.67	181.0	4.7	
3771	1977	01	16	11	19	34.7	16.02	75.39	29.4	3.6	GS
3772	1977	01	16	17	15	47.1	15.61	75.09	33.0N	4.2	
3773	1977	01	19	13	50	26.5	15.76	72.81	133.3		
3774	1977	01	19	16	09	26.6	14.17	72.87	96.0	5.0	
3775	1977	01	19	18	53	27.7	18.48	72.11	33.0		
3776	1977	01	20	04	15	40.4	17.01	72.08	88.8		
3777	1977	01	22	11	37	25.2	16.96	71.62	72.5		
3778	1977	01	23	09	11	21.4	11.65	74.19	15.0	4.8	
3779	1977	01	26	15	16	9.4	12.15	78.01	14.0	5.1	
3780	1977	02	01	14	37	56.8	8.88	74.54	156.0	4.9	
3781	1977	02	07	05	18	32.3	19.71	68.88	116.5	4.8	GS
3782	1977	02	07	21	18	32.7	16.51	73.41	35.0	5.2	
3783	1977	02	08	05	27	10.1	16.93	73.68	61.2		
3784	1977	02	08	05	34	8.7	17.45	71.13	84.4		
3785	1977	02	12	14	08	41.5	9.23	79.76	54.0	4.7	
3786	1977	02	13	13	09	31.7	12.20	73.92	33.0N	4.6	
3787	1977	02	15	14	19	25.3	19.20	69.95	77.0	4.5	
3788	1977	02	19	13	41	41.1	18.02	70.43	139.0		
3789	1977	02	24	07	11	50.8	8.55	74.52	138.0	4.9	
3790	1977	03	01	01	02	25.6	8.75	74.57	141.0	4.6	
3791	1977	03	04	17	50	18.5	12.29	74.10	22.0	5.2	
3792	1977	03	08	13	08	56.3	11.96	74.20	41.0	5.6	5.6 Z
3793	1977	03	08	14	51	45.2	12.33	74.00	43.0	5.1	
3794	1977	03	08	22	46	4.8	12.06	74.03	14.0	5.6	5.4 Z
3795	1977	03	09	07	25	31.5	12.23	74.18	31.0	4.7	
3796	1977	03	09	12	41	24.0	12.35	74.18	42.7	4.5	GS
3797	1977	03	09	14	34	4.3	12.47	74.04	33.0A		
3798	1977	03	09	19	27	0.3	14.47	76.38	170.0A		
3799	1977	03	10	13	25	46.0	12.38	74.07	45.0A		
3800	1977	03	11	12	44	12.6	12.01	73.79	33.0A		
3801	1977	03	12	05	46	36.0	16.41	74.19	33.0A		
3802	1977	03	13	04	54	42.0	16.96	69.80	128.0	5.2	
3803	1977	03	13	15	36	7.1	9.75	79.89	33.0N	4.9	
3804	1977	03	13	21	14	32.2	8.04	74.41	161.0D	5.1	
3805	1977	03	15	12	38	35.2	12.53	74.15	50.0	4.9	
3806	1977	03	17	16	58	41.6	0.65	78.77	33.0N	4.5	
3807	1977	03	19	06	28	18.7	1.55	77.65	200.0	4.4	
3808	1977	03	22	13	31	8.9	16.34	70.39	311.0A		
3809	1977	03	23	13	49	46.8	15.95	76.29	238.6		
3810	1977	03	24	11	56	40.2	13.17	75.38	197.6		
3811	1977	03	24	20	20	31.3	12.37	74.06	33.0A		
3812	1977	03	24	23	04	28.9	17.00	69.56	182.6		

I-90

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
3813	1977 03 27	18 09 59.8	16.67	75.35	33.0A		
3814	1977 03 30	18 53 36.8	5.24	78.52	21.0D	5.0	
3815	1977 04 02	10 53 48.8	13.53	74.87	33.0A		
3816	1977 04 05	07 34 52.8	16.54	71.02	117.0	4.7	
3817	1977 04 06	13 48 40.4	16.13	72.93	125.8		
3818	1977 04 07	20 31 9.5	15.45	76.32	27.0	5.2	
3819	1977 04 09	04 04 12.5	10.02	71.18	564.0	5.5	6.1 PAS
3820	1977 04 14	06 24 9.9	12.61	71.67	33.0A		
3821	1977 04 23	19 38 19.9	12.48	74.21	33.0A		
3822	1977 04 23	20 33 50.0	12.26	74.10	38.1		
3823	1977 04 26	20 29 41.6	19.00	69.64	33.0A		
3824	1977 04 30	20 31 47.7	14.98	75.61	10.0	5.3	4.8 Z
3825	1977 05 01	00 09 6.2	6.11	77.13	123.0D	4.9	
3826	1977 05 02	08 31 18.9	15.22	71.78	132.0	4.7	
3827	1977 05 03	22 43 37.0	5.93	75.59	133.0	4.7	
3828	1977 05 04	09 47 13.5	16.47	72.31	70.2		
3829	1977 05 05	02 52 40.3	13.66	76.37	92.1		
3830	1977 05 05	20 56 49.1	10.59	74.05	138.0	4.8	
3831	1977 05 06	12 52 38.1	15.88	75.03	33.0N	5.0	4.4 Z
3832	1977 05 07	17 58 29.0	17.41	69.47	177.0		
3833	1977 05 08	16 45 16.0	1.25	81.07	27.0	5.1	4.9 Z
3834	1977 05 08	18 00 0.0	1.23	81.10	42.0	5.1	4.6 Z
3835	1977 05 08	19 29 56.2	1.48	81.18	108.9		
3836	1977 05 09	01 27 17.2	10.92	74.32	28.6		
3837	1977 05 09	04 48 46.2	1.25	80.92	41.0	4.8	
3838	1977 05 09	17 57 39.8	8.38	77.43	34.0	4.8	
3839	1977 05 10	06 49 33.4	9.82	77.10	26.0	4.5	
3840	1977 05 10	12 45 33.2	10.60	75.38	59.0	4.9	
3841	1977 05 10	23 56 32.8	1.32	81.09	52.0A	4.9	GS
3842	1977 05 12	18 22 17.1	16.12	74.31	57.3	4.7	GS
3843	1977 05 13	05 03 33.0	16.58	69.46	196.0		
3844	1977 05 13	13 35 16.9	5.75	77.09	49.0	5.0	
3845	1977 05 14	09 16 6.0	1.11	80.89	62.4	4.7	GS
3846	1977 05 14	16 33 59.8	16.36	72.27	131.4		
3847	1977 05 14	16 50 53.3	12.84	74.36	33.0A		
3848	1977 05 14	20 26 21.2	12.70	73.53	33.0		
3849	1977 05 17	15 55 33.5	17.22	71.66	90.5		
3850	1977 05 18	05 55 13.4	1.08	81.48	33.0A		
3851	1977 05 21	12 02 22.1	1.50	80.90	33.0N	4.7	
3852	1977 05 21	14 14 41.3	1.59	80.91	48.0	5.0	4.7 Z
3853	1977 05 21	20 11 14.9	3.77	77.85	106.8	4.3	
3854	1977 05 21	20 26 6.0	1.59	80.97	37.0	4.3	
3855	1977 05 22	03 02 12.7	1.75	81.19	33.0A		



## EARTHQUAKE CATALOG OF PERU

I-91

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3856	1977	05	22	10 24 23.9	1.49	80.83	85.0	4.4	
3857	1977	05	26	08 19 40.8	1.85	81.20	10.0	5.0	5.1 Z
3858	1977	05	26	11 14 49.2	19.64	69.32	135.5		
3859	1977	05	26	14 16 41.4	2.27	79.63	308.9		
3860	1977	05	27	06 49 0.4	14.94	73.09	33.0A		
3861	1977	05	28	07 27 10.6	2.39	80.13	33.0N	4.5	
3862	1977	05	28	21 08 56.7	13.22	74.95	33.0A		
3863	1977	05	29	23 48 26.5	14.69	73.81	33.0A		
3864	1977	05	30	13 35 46.0	14.05	75.88	33.0A		
3865	1977	05	31	15 30 31.5	19.43	69.29	33.0A		
3866	1977	06	05	01 45 30.9	17.71	69.75	140.0		
3867	1977	06	06	17 47 7.8	18.87	69.80	105.0	4.9	
3868	1977	06	08	01 44 43.4	9.15	79.34	39.0	4.7	3.7 Z
3869	1977	06	09	15 58 25.1	4.14	82.55	33.0A	4.8	
3870	1977	06	10	15 04 7.1	15.14	76.78	33.0A		
3871	1977	06	12	11 07 31.6	16.63	72.14	152.4		
3872	1977	06	13	01 02 1.8	5.62	77.41	33.0N	4.7	
3873	1977	06	21	15 32 8.0	15.87	75.50	33.0A	4.6	GS
3874	1977	06	21	20 07 45.3	19.31	69.47	33.0A		
3875	1977	06	24	06 32 5.0	16.17	75.05	33.0A		
3876	1977	06	25	01 28 8.7	15.51	71.78	33.0A		
3877	1977	06	25	13 25 27.9	19.89	68.46	162.8		
3878	1977	06	27	01 20 37.9	19.04	69.55	104.0A		
3879	1977	06	27	18 57 20.4	1.78	77.13	27.0D	5.0	
3880	1977	06	30	02 46 3.8	19.40	69.53	106.0	5.4	
3881	1977	07	10	03 06 52.2	9.23	75.76	31.0	4.9	
3882	1977	07	16	16 34 17.5	2.06	78.84	33.0A	4.8	GS
3883	1977	07	19	00 48 32.2	8.91	76.93	123.0	4.7	
3884	1977	07	20	16 45 0.8	7.36	74.00	33.0A		
3885	1977	07	22	20 45 46.4	15.56	69.93	202.0	5.0	
3886	1977	07	24	23 25 36.4	5.58	77.39	33.0N	4.8	
3887	1977	07	25	17 05 5.5	11.67	74.16	44.0	4.8	
3888	1977	07	26	18 09 6.2	16.53	73.51	33.0A		
3889	1977	07	29	21 39 25.6	3.34	76.10	142.6		
3890	1977	07	30	05 22 19.2	5.48	77.21	33.0N	4.9	4.5 Z
3891	1977	08	01	03 09 32.5	17.74	71.84	81.7	4.8	GS
3892	1977	08	01	04 18 28.1	16.90	71.59	33.0A		
3893	1977	08	05	08 09 34.0	4.73	77.49	352.8		
3894	1977	08	06	07 59 37.9	16.47	73.75	90.6		
3895	1977	08	07	21 09 32.1	18.58	71.51	87.3		
3896	1977	08	07	21 42 8.2	18.15	71.56	79.1	5.0	GS
3897	1977	08	13	20 25 22.2	15.25	72.49	112.0		
3898	1977	08	14	10 58 10.9	19.39	71.78	33.0N	5.1	

I-92

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3899	1977	08	14	11	30	31.5	8.28	80.06	39.8	4.9	GS
3900	1977	08	15	16	49	39.3	4.32	80.88	34.0D	4.9	3.7 Z
3901	1977	08	19	12	15	54.4	17.38	70.93	64.0	4.8	
3902	1977	08	20	18	53	55.5	8.62	74.39	155.0D	5.1	
3903	1977	08	26	05	46	51.7	7.98	74.48	149.0	4.6	
3904	1977	08	31	16	47	19.3	19.00	69.18	143.5		
3905	1977	09	08	06	36	20.7	16.93	70.75	120.8	4.7	GS
3906	1977	09	10	04	39	5.6	14.23	75.99	58.0	5.0	
3907	1977	09	10	18	52	8.5	16.86	72.81	33.0A		
3908	1977	09	12	05	29	53.1	16.31	75.28	33.0N	4.8	
3909	1977	09	13	01	41	5.4	17.37	72.17	33.0A		
3910	1977	09	16	00	09	8.9	15.95	74.82	52.0	4.8	4.1 Z
3911	1977	09	18	06	55	35.3	16.40	73.70	33.0A		
3912	1977	09	19	11	42	50.8	16.93	69.77	205.0		
3913	1977	09	20	17	17	59.5	4.05	79.88	164.0	4.7	GS
3914	1977	09	24	00	09	21.7	18.45	71.25	29.0D	4.8	
3915	1977	09	24	12	05	58.7	16.79	72.28	33.0A		
3916	1977	09	26	17	41	41.0	18.81	69.58	126.0		
3917	1977	09	28	01	01	52.1	5.71	77.04	81.0	4.7	
3918	1977	09	28	22	29	33.1	10.86	75.61	315.8	4.4	
3919	1977	09	29	01	25	15.1	12.75	76.09	124.2		
3920	1977	10	01	23	21	46.3	13.11	76.49	165.1		
3921	1977	10	02	18	46	35.6	8.98	79.18	46.0	5.3	4.7 Z
3922	1977	10	08	03	03	51.5	9.52	74.66	129.0D	5.5	
3923	1977	10	10	18	56	0.8	16.58	72.92	80.4		
3924	1977	10	13	23	16	27.2	12.25	77.96	26.0	5.2	4.5 Z
3925	1977	10	16	09	53	39.2	18.30	72.38	144.0		
3926	1977	10	19	16	25	53.5	16.68	74.22	33.0A		
3927	1977	10	20	10	00	1.5	8.25	80.14	33.0N	5.2	4.6 Z
3928	1977	10	21	09	22	46.5	19.46	69.41	105.0		
3929	1977	10	24	11	38	20.7	2.70	76.72	139.6		
3930	1977	10	26	07	24	41.1	16.82	72.60	56.0D	5.2	
3931	1977	11	02	14	33	15.5	5.73	75.33	177.0A		
3932	1977	11	02	14	47	57.2	10.08	74.76	48.0	5.5	4.5 Z
3933	1977	11	03	05	05	9.6	1.82	77.76	166.0	4.7	
3934	1977	11	08	01	07	4.0	16.30	74.42	33.0A		
3935	1977	11	08	04	00	24.6	15.88	69.61	265.0	4.3	
3936	1977	11	09	02	55	24.2	17.01	71.54	33.0A		
3937	1977	11	12	13	50	29.2	19.99	68.94	104.0		
3938	1977	11	12	16	57	58.2	1.75	77.74	172.2	4.5	GS
3939	1977	11	13	08	42	21.4	9.36	75.72	45.0	5.3	4.1 Z
3940	1977	11	14	08	03	17.6	13.71	76.37	87.0		
3941	1977	11	20	15	00	2.2	16.02	76.01	33.0N		

## EARTHQUAKE CATALOG OF PERU

I-93

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3942	1977	11	21	15	12	37.8	14.88	76.77	33.0A		
3943	1977	11	23	20	57	17.0	17.67	69.39	175.0		
3944	1977	11	24	16	42	20.2	15.30	71.17	190.8	4.7	GS
3945	1977	11	27	03	58	39.8	18.14	69.54	134.0	5.3	GS
3946	1977	12	01	07	49	25.2	14.09	76.98	33.0A	4.7	GS
3947	1977	12	01	14	13	15.4	18.50	69.11	139.0		
3948	1977	12	05	04	38	26.3	11.63	74.23	33.0	4.5	
3949	1977	12	19	06	07	49.9	17.79	72.30	44.0		
3950	1977	12	19	06	37	19.9	15.49	76.06	33.0A		
3951	1977	12	22	11	32	0.1	14.45	73.86	159.1		
3952	1977	12	26	21	17	33.1	8.44	75.94	15.8		
3953	1977	12	31	07	53	18.0	15.30	71.68	158.0D	5.9	
3954	1978	01	01	16	34	1.9	17.19	73.75	41.0		
3955	1978	01	03	07	52	45.6	17.09	71.82	65.0	5.1	4.5 ISC
3956	1978	01	03	13	31	8.1	13.90	76.91	53.4		
3957	1978	01	07	12	06	9.1	10.80	74.08	176.7		
3958	1978	01	11	22	24	49.1	14.08	77.28	26.7		
3959	1978	01	16	08	05	9.2	18.27	69.87	145.6		
3960	1978	01	18	05	33	58.4	8.70	74.31	170.0	5.0	
3961	1978	01	21	13	29	40.7	13.02	71.54	75.0	5.2	
3962	1978	01	22	16	48	2.0	11.69	77.67	63.7	5.1	GS
3963	1978	01	22	21	19	42.4	16.13	73.66	49.0D	5.4	4.9 Z
3964	1978	01	24	20	20	30.7	1.83	78.04	159.1	4.6	GS
3965	1978	01	26	02	19	44.6	10.86	74.23	40.0		
3966	1978	01	30	07	03	49.1	10.65	79.99	33.0A	5.0	5.3
3967	1978	02	02	06	15	1.9	8.88	75.68	45.0	4.6	
3968	1978	02	05	01	52	19.6	17.72	69.49	114.0	5.3	4.2 ISC
3969	1978	02	11	08	15	19.2	9.84	75.07	65.4	5.1	GS
3970	1978	02	12	22	24	32.9	15.71	72.63	144.0		
3971	1978	02	15	15	05	42.3	9.64	78.05	61.8	5.3	GS
3972	1978	02	22	12	38	22.0	18.88	70.62	33.0A		
3973	1978	02	28	06	51	31.8	17.03	70.30	56.0	5.1	4.0 ISC
3974	1978	03	06	07	25	59.0	10.27	75.54	25.0	4.8	
3975	1978	03	10	23	41	38.2	13.26	76.41	71.0	5.2	4.0 ISC
3976	1978	03	14	17	20	47.3	4.67	77.76	69.0D	4.8	
3977	1978	03	17	19	18	23.5	10.67	73.86	105.0	4.6	
3978	1978	03	20	07	36	28.1	19.57	69.70	108.0		
3979	1978	03	21	01	00	49.1	15.36	74.80	33.0N	4.9	4.0 Z
3980	1978	03	24	00	31	22.1	5.22	75.59	42.0	5.3	
3981	1978	03	26	18	35	55.2	16.55	70.94	240.0	4.4	
3982	1978	03	29	07	30	3.1	8.97	79.81	33.0N	4.7	
3983	1978	04	02	09	07	7.1	19.07	69.28	86.0	5.3	4.6 ISC
3984	1978	04	03	05	31	32.7	3.58	77.11	48.0	4.7	

1-94

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3985	1978	04	03	08 39 32.8	18.33	69.15	147.0	4.6	
3986	1978	04	07	09 52 6.0	1.71	78.29	54.0	4.3	
3987	1978	04	10	13 40 40.4	5.61	81.22	33.0N	5.1	4.9 Z
3988	1978	04	11	22 57 48.5	5.73	75.01	148.0	4.7	
3989	1978	04	14	13 43 49.1	15.63	71.91	156.0	4.6	
3990	1978	04	15	13 49 32.3	16.47	73.51	50.0D	5.3	5.5 Z
3991	1978	04	16	15 50 26.8	3.99	83.01	33.0A	4.5	
3992	1978	04	17	10 36 52.8	10.33	73.92	83.0D	4.9	
3993	1978	04	20	03 41 48.6	12.97	75.26	92.6	4.7	
3994	1978	04	22	08 43 14.2	11.38	78.32	51.0	4.5	
3995	1978	04	22	15 33 1.9	14.13	76.73	33.0N	4.3	
3996	1978	04	22	18 48 52.7	15.94	73.10	118.0		
3997	1978	04	23	01 58 49.1	2.09	81.10	33.0N	4.8	3.7 Z
3998	1978	04	24	10 58 41.9	14.56	76.01	35.0	4.9	4.3 Z
3999	1978	04	27	11 19 43.6	12.70	76.78	73.0	4.5	
4000	1978	04	28	11 00 24.3	16.54	73.39	68.0		
4001	1978	04	29	08 36 44.0	11.47	77.44	10.0G		
4002	1978	05	04	09 41 41.6	18.97	69.71	128.0	4.3	
4003	1978	05	04	11 26 11.9	8.07	76.00	131.0	5.1	
4004	1978	05	05	12 55 21.4	10.24	70.97	530.0	4.6	
4005	1978	05	08	07 32 29.0	3.30	77.25	103.0	5.1	
4006	1978	05	15	00 02 17.1	10.27	75.47	16.0	4.5	
4007	1978	05	16	09 00 9.6	16.72	69.56	206.0	4.3	
4008	1978	05	16	20 05 35.8	18.65	70.14	55.0	5.1	3.8 Z
4009	1978	05	20	09 41 29.8	17.38	71.91	72.0	5.2	3.9 ISC
4010	1978	05	20	13 10 31.1	10.23	78.52	50.0D	5.6	5.5 Z
4011	1978	05	20	23 58 1.7	5.41	81.15	29.0	5.1	4.2 Z
4012	1978	05	22	21 41 21.8	12.31	78.04	33.0N		
4013	1978	05	23	06 54 24.9	15.85	74.59	86.0	4.9	
4014	1978	05	24	14 00 8.0	10.42	78.71	67.0		
4015	1978	05	25	10 13 16.4	10.72	78.89	67.0	4.2	
4016	1978	05	25	20 26 38.8	15.38	75.33	67.0		
4017	1978	05	28	06 07 4.0	6.71	74.57	75.0	4.9	
4018	1978	06	07	08 00 34.2	0.67	78.35	12.0	4.9	4.2 Z
4019	1978	06	09	04 08 39.2	7.81	73.72	33.0N	4.6	
4020	1978	06	09	07 34 58.8	7.77	74.54	152.0D	5.0	
4021	1978	06	09	09 22 12.2	4.91	80.87	39.0	4.5	
4022	1978	06	18	05 31 54.0	11.01	73.91	110.0	4.8	
4023	1978	06	18	11 07 45.1	3.15	81.50	103.0	4.5	
4024	1978	06	24	06 37 35.0	14.90	70.67	177.0	4.8	4.7 ISC
4025	1978	06	28	09 04 52.7	5.37	79.56	33.0N		
4026	1978	06	29	17 41 10.8	8.48	80.37	33.0N	4.8	
4027	1978	06	30	09 00 51.7	15.24	72.53	114.4		

## EARTHQUAKE CATALOG OF PERU

I-95

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4028	1978	07	03	05 24 55.0	6.07	81.23	33.0A	4.6	6.1 BRK
4029	1978	07	03	10 00 2.7	11.13	76.09	121.0	4.7	
4030	1978	07	11	12 17 7.8	7.89	71.42	645.0	5.8	
4031	1978	07	13	05 38 6.7	2.37	77.57	77.0	3.9	
4032	1978	07	22	07 40 3.2	1.28	77.71	193.0	4.6	
4033	1978	07	23	19 07 36.6	18.18	69.04	33.0A		3.5 ISC
4034	1978	07	25	15 38 16.5	14.97	75.76	33.0A		
4035	1978	07	28	10 32 34.0	3.72	80.41	33.0A	4.0	
4036	1978	07	28	14 01 28.8	10.19	71.04	608.0D	4.9	
4037	1978	07	29	01 11 15.0	14.82	71.85	128.0	4.4	
4038	1978	07	29	12 33 58.5	11.60	76.49	98.0	5.0	3.7 ISC
4039	1978	07	30	18 18 6.3	19.70	70.00	33.0A		
4040	1978	08	02	07 32 53.3	17.27	69.50	169.0	4.5	
4041	1978	08	04	16 16 16.3	16.95	71.33	30.0	5.1	
4042	1978	08	06	06 08 2.1	15.75	74.02	217.9		
4043	1978	08	08	01 43 23.2	17.62	70.01	149.0	4.6	
4044	1978	08	10	04 10 55.8	2.10	78.66	131.0	4.9	
4045	1978	08	13	15 20 18.6	18.28	69.86	144.0	5.0	
4046	1978	08	20	05 04 15.9	0.20	80.54	29.0	3.7	
4047	1978	08	30	00 26 3.6	5.30	78.41	127.0	5.0	
4048	1978	09	01	01 59 5.2	11.15	75.47	131.0	4.9	
4049	1978	09	01	17 55 36.4	16.45	73.78	41.0	4.9	
4050	1978	09	08	01 46 4.8	14.28	73.55	0.0A		
4051	1978	09	10	08 08 45.5	2.67	79.50	111.6	3.8	
4052	1978	09	10	20 22 41.2	8.43	74.43	144.0	4.9	
4053	1978	09	11	04 21 56.2	2.01	78.11	154.0	4.3	
4054	1978	09	20	23 07 42.7	1.66	77.92	218.0		
4055	1978	09	25	08 56 42.4	19.54	68.48	90.0	4.9	
4056	1978	09	26	13 39 4.1	1.55	80.87	33.0N	4.7	
4057	1978	10	02	00 17 44.9	13.50	70.64	56.0	4.8	
4058	1978	10	05	08 48 16.7	16.73	73.61	65.8	4.1	
4059	1978	10	11	22 44 28.7	16.17	71.49	175.0	4.8	
4060	1978	10	13	01 58 4.1	16.56	73.08	82.1	3.8	
4061	1978	10	13	19 25 21.8	17.40	70.58	148.4		
4062	1978	10	21	20 26 58.0	16.31	74.81	33.0A		
4063	1978	10	24	04 40 53.0	8.25	74.40	168.0	4.2	3.9 ISC
4064	1978	11	04	04 21 10.3	5.80	81.06	33.0N	5.0	
4065	1978	11	04	09 09 19.0	8.37	76.03	131.0	5.0	
4066	1978	11	04	20 16 10.5	1.74	76.35	58.0	4.3	
4067	1978	11	09	00 36 56.3	1.42	77.89	182.0	4.8	
4068	1978	11	10	07 31 20.0	10.78	79.18	33.0N	4.3	
4069	1978	11	10	12 18 55.7	17.86	69.24	88.0	5.2	
4070	1978	11	10	17 25 32.1	14.33	73.49	94.0		

1-98

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4071	1978	11	11	21	47	55.7	1.93	78.08	151.0	4.3	5.2 ISC
4072	1978	11	14	06	40	58.1	11.06	78.66	33.0N	4.8	
4073	1978	11	14	18	39	26.1	12.51	75.06	81.0		
4074	1978	11	18	18	00	58.0	17.10	71.38	33.0A		
4075	1978	11	21	00	07	6.5	4.33	81.11	69.0	5.1	
4076	1978	11	22	06	24	17.6	7.34	75.90	33.0N	4.9	4.2 Z
4077	1978	11	24	15	16	42.2	4.82	80.96	33.0N	5.1	
4078	1978	12	15	15	25	40.6	16.14	71.69	163.0		
4079	1978	12	17	21	11	56.0	14.96	71.33	33.0A		
4080	1978	12	18	13	37	31.2	1.42	77.63	168.0	4.4	
4081	1978	12	19	02	54	6.2	10.26	75.14	139.0	4.7	
4082	1978	12	20	22	20	0.5	19.74	69.99	33.0N		
4083	1978	12	22	18	47	39.7	8.39	74.09	168.0	4.4	
4084	1978	12	23	14	29	44.3	14.76	71.45	140.0D	5.1	
4085	1978	12	24	23	13	42.6	2.73	79.95	33.0N	4.7	
4086	1978	12	26	04	25	28.1	11.96	77.77	33.0N	4.8	
4087	1978	12	26	18	16	47.0	14.47	73.92	91.0	4.5	
4088	1978	12	27	08	04	22.1	17.39	72.16	58.0		
4089	1978	12	27	09	33	20.6	1.86	76.28	33.0N	4.0	
4090	1978	12	28	09	55	7.5	8.15	74.65	187.4		
4091	1979	01	05	09	29	38.4	15.93	74.93	28.0	5.1	5.5 Z 5.7 BRK
4092	1979	01	06	00	16	24.6	16.01	75.11	42.0	4.4	
4093	1979	01	06	01	31	47.6	8.88	75.73	33.0N	5.7	
4093											
4094	1979	01	06	03	06	1.8	14.44	75.68	54.0D	4.7	
4095	1979	01	08	04	20	25.9	14.85	71.63	103.0	4.6	
4096	1979	01	15	06	54	20.4	9.39	78.46	23.0	4.9	
4097	1979	01	17	02	12	50.9	1.24	77.78	189.0	4.8	
4098	1979	01	19	04	56	32.0	13.57	74.85	105.0	4.9	
4099	1979	01	19	06	56	15.3	8.76	73.78	247.0		
4100	1979	01	21	12	33	47.7	8.65	74.88	134.0	5.0	
4101	1979	01	22	06	19	8.9	17.74	69.50	173.0		
4102	1979	01	24	23	03	32.8	10.48	79.17	33.0N	4.9	
4103	1979	01	26	18	41	59.2	17.90	72.68	33.0A		
4104	1979	01	27	13	38	58.2	5.29	76.65	56.8	4.5	
4105	1979	02	06	05	02	8.4	14.71	76.16	33.0A		6.9 Z 6.9 PAS
4106	1979	02	12	16	01	30.4	15.22	75.82	33.0N	4.7	
4107	1979	02	15	20	49	19.7	16.39	69.76	204.0	4.6	
4108	1979	02	16	10	08	53.4	16.39	72.66	53.0	6.2	
4108											
4109	1979	02	16	11	13	11.9	17.08	72.85	85.0	4.6	5.2 Z
4110	1979	02	16	22	18	20.0	16.50	72.66	52.0D	5.5	
4111	1979	02	17	01	34	52.3	17.22	72.94	60.0A		

## EARTHQUAKE CATALOG OF PERU

1-97

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4112	1979	02	17	04 40 3.9	16.87	72.79	62.0		
4113	1979	02	17	04 58 42.9	17.56	72.75	33.0N		
4114	1979	02	17	15 41 15.6	16.63	72.66	79.0	5.1	4.2 ISC
4115	1979	02	18	21 53 15.9	16.96	72.71	73.0		
4116	1979	02	19	23 50 47.4	17.42	72.73	33.0A		
4117	1979	02	20	14 02 43.1	16.70	72.74	56.0D	5.2	4.0 ISC
4118	1979	02	22	16 55 28.6	17.11	72.73	73.3	4.2	
4119	1979	02	24	12 16 14.9	16.63	72.81	70.0	4.8	
4120	1979	02	26	06 33 33.4	8.29	75.11	131.0	4.9	4.0 ISC
4121	1979	02	26	16 08 36.4	16.13	75.15	33.0A	5.1	
4122	1979	02	27	08 16 58.9	15.66	70.60	209.4		
4123	1979	03	01	05 37 9.4	6.52	81.06	33.0N	5.1	
4124	1979	03	02	19 17 17.2	9.82	78.97	33.0N	4.8	
4125	1979	03	05	06 38 49.9	19.73	70.86	341.5		
4126	1979	03	07	06 21 11.1	16.13	72.04	126.0	5.1	3.5 ISC
4127	1979	03	07	10 22 43.2	8.54	80.17	33.0N	4.9	3.6 Z
4128	1979	03	10	06 13 12.1	15.40	71.38	33.0A		
4129	1979	03	10	10 02 47.6	15.23	71.28	55.0	4.6	
4130	1979	03	11	14 40 29.5	16.78	72.81	62.0	5.0	
4131	1979	03	16	07 03 34.1	4.02	76.64	46.0	4.4	
4132	1979	03	17	16 51 1.1	8.77	79.54	44.0D	4.9	4.0 Z
4133	1979	03	19	12 39 31.4	15.88	69.33	252.0	4.7	
4134	1979	03	21	02 52 34.3	16.80	72.54	58.0D	5.1	4.7 ISC
4135	1979	03	26	16 07 0.6	1.45	77.43	174.0	4.4	
4136	1979	03	29	05 14 5.6	9.38	78.85	68.0	4.9	3.8 ISC
4137	1979	04	06	02 41 20.8	1.68	77.69	189.0	4.5	
4138	1979	04	10	23 47 37.8	16.78	73.86	69.2A		
4139	1979	04	13	19 25 33.1	12.84	77.09	33.0A		
4140	1979	04	18	19 36 30.2	7.71	74.52	155.0D	4.7	
4141	1979	04	21	11 46 22.6	5.88	81.32	48.0	4.7	
4142	1979	04	22	07 35 43.5	2.17	80.63	53.0	4.3	
4143	1979	04	25	20 55 18.4	16.06	73.42	69.0	4.8	
4144	1979	04	25	22 18 1.6	15.19	72.37	74.0	5.0	
4145	1979	04	30	01 04 20.4	1.42	77.64	197.0	4.5	
4146	1979	05	01	20 36 10.8	19.42	69.13	103.0D	5.2	
4147	1979	05	02	17 15 24.7	16.64	72.69	66.0	4.5	
4148	1979	05	03	19 30 34.7	19.81	70.40	42.0	5.2	4.0 ISC
4149	1979	05	05	18 06 29.8	19.34	68.70	83.0		
4150	1979	05	07	03 09 33.5	19.45	69.25	103.3		
4151	1979	05	11	13 22 50.0	19.32	69.32	98.1		
4152	1979	05	13	22 41 53.6	3.80	79.39	98.0D	4.7	
4153	1979	05	15	15 13 4.8	8.62	75.97	143.0	4.8	
4154	1979	05	20	01 43 24.5	6.32	77.39	33.0A	4.4	

1-98

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4155	1979	05	21	22 22 23.6	15.25	70.09	208.0	6.0	6.2 BRK
4156	1979	05	22	23 54 34.5	15.72	70.22	231.0	4.4	
4157	1979	05	26	22 33 29.0	14.93	75.05	77.0	4.4	
4158	1979	05	27	10 44 37.9	19.40	70.68	33.0A		
4159	1979	05	27	12 07 5.0	16.96	72.71	65.0	4.6	
4160	1979	05	27	20 25 52.6	16.93	69.54	188.0		3.8
4161	1979	05	30	06 17 8.1	2.52	77.01	140.0		
4162	1979	05	31	05 43 0.6	15.74	72.52	132.0A		
4163	1979	05	31	12 44 9.9	10.54	78.58	75.0	4.5	
4164	1979	05	31	15 05 46.3	9.96	74.82	141.0	4.9	
4165	1979	06	01	20 40 53.7	7.49	75.16	108.0	4.9	4.6 Z
4166	1979	06	01	21 05 50.7	16.70	72.29	84.0	4.5	
4167	1979	06	02	01 32 51.0	1.70	77.94	167.0D	4.5	
4168	1979	06	04	12 10 44.4	9.73	79.77	38.0	5.0	
4169	1979	06	06	20 15 51.4	15.96	75.11	33.0A		
4170	1979	06	07	03 53 22.4	9.96	75.33	128.0	4.6	
4171	1979	06	08	05 33 8.1	17.95	73.15	21.2		
4172	1979	06	09	01 25 6.1	15.55	75.21	33.0A		
4173	1979	06	09	04 11 59.8	15.02	70.34	33.0A		
4174	1979	06	09	06 18 31.2	18.25	69.36	219.5		
4175	1979	06	09	20 50 30.1	8.70	75.87	33.0A		5.0
4176	1979	06	12	14 32 2.6	18.11	71.08	33.0A		
4177	1979	06	12	21 32 51.5	3.77	80.79	47.0D		
4178	1979	06	13	04 25 39.3	11.78	72.94	61.2	4.4	
4179	1979	06	13	15 46 11.1	7.76	80.64	33.0N	4.7	
4180	1979	06	15	01 00 6.4	9.08	79.34	51.0	4.8	5.4
4181	1979	06	15	08 53 36.7	12.17	76.65	74.0D		
4182	1979	06	16	04 54 26.4	15.61	73.96	84.0	4.9	
4183	1979	06	16	18 06 58.4	2.54	76.85	140.0	4.5	
4184	1979	06	17	11 19 32.4	16.88	72.80	33.0A		
4185	1979	06	17	19 33 32.7	19.20	68.89	116.0D	5.3	5.7 BRK
4186	1979	06	21	01 21 57.8	15.67	75.94	33.0N	5.3	
4187	1979	06	23	15 46 42.9	16.42	74.38	33.0A		
4188	1979	06	25	20 41 59.5	17.94	71.36	28.0D	5.0	
4189	1979	07	03	02 21 25.5	19.18	69.08	113.0D	4.8	
4190	1979	07	03	03 00 51.1	16.66	73.11	77.0	5.1	4.2 Z
4191	1979	07	03	16 04 34.7	12.80	77.63	33.0A	5.0	
4192	1979	07	06	13 45 39.9	15.07	70.50	239.0D	4.7	
4193	1979	07	15	09 08 32.5	12.37	77.01	60.0	4.9	
4194	1979	07	23	07 50 12.6	17.93	73.59	33.0A		
4195	1979	07	27	05 27 37.2	2.45	80.88	33.0N		4.6
4196	1979	07	27	20 57 42.4	15.72	71.43	158.5		
4197	1979	07	30	13 43 14.9	7.06	78.08	33.0N		



## EARTHQUAKE CATALOG OF PERU

1-99

NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
4198	1979	07	31	05 07 27.9	19.80	69.25	170.8	
4199	1979	08	01	16 40 54.5	11.09	77.96	73.0	5.2
4200	1979	08	07	00 56 53.8	13.46	72.26	121.0A	
4201	1979	08	07	15 49 42.5	15.95	72.18	139.7	
4202	1979	08	08	13 36 38.7	15.71	69.46	269.0	4.0
4203	1979	08	10	08 19 15.2	11.53	74.53	104.0	4.8
4204	1979	08	12	01 35 24.3	15.20	76.32	104.0A	
4205	1979	08	13	08 25 59.0	9.48	75.55	33.0A	4.6
4206	1979	08	17	04 22 31.3	14.82	76.29	33.0A	
4207	1979	08	21	01 52 31.5	19.50	69.93	33.0A	
4208	1979	08	21	12 16 11.5	15.82	74.36	81.0	4.9
4209	1979	08	21	19 44 10.5	17.80	69.21	160.9	5.2 GS
4210	1979	08	24	10 48 55.1	14.52	75.85	33.0N	4.7
4211	1979	08	24	11 06 28.4	9.37	79.81	33.0N	4.6
4212	1979	08	26	12 19 0.4	6.97	80.60	33.0N	4.9
4213	1979	08	29	05 14 12.2	18.90	70.78	72.0A	
4214	1979	09	05	07 13 2.6	1.16	81.03	25.0A	4.3
4215	1979	09	08	01 13 6.1	14.40	75.87	67.0	4.7
4216	1979	09	10	04 25 7.5	3.24	75.55	33.0A	
4217	1979	09	12	01 54 27.4	17.64	74.42	62.0A	
4218	1979	09	12	18 45 3.1	10.78	74.50	33.0N	4.9
4219	1979	09	13	04 40 58.7	5.36	77.52	34.0	5.0
4220	1979	09	15	10 02 13.1	15.63	69.56	214.0	5.6
4221	1979	09	16	09 09 9.6	2.31	79.05	92.0D	4.8
4222	1979	09	24	11 38 49.4	15.69	72.04	132.0	
4223	1979	09	26	08 11 42.7	13.90	71.04	120.0	
4224	1979	10	05	16 43 16.2	3.55	76.27	116.0D	5.5
4225	1979	10	08	02 25 1.4	18.08	68.70	187.0	4.8
4226	1979	10	09	16 57 5.3	6.35	76.28	118.0D	5.0
4227	1979	10	10	04 28 2.4	17.22	73.82	33.0N	
4228	1979	10	11	08 30 45.2	16.74	73.67	57.0	5.0
4229	1979	10	11	17 47 31.8	5.41	77.13	33.0N	4.9
4230	1979	10	11	17 48 37.2	5.41	77.21	33.0N	5.2
4231	1979	10	15	16 34 8.8	13.39	76.60	61.0	5.0
4232	1979	10	17	03 24 19.0	10.79	74.60	178.0	
4233	1979	10	19	03 50 8.5	19.26	69.16	94.0	4.6
4234	1979	10	28	05 13 16.7	16.27	75.20	33.0N	4.7
4235	1979	11	02	15 14 16.2	9.66	76.13	146.0A	4.2
4236	1979	11	04	13 58 14.4	16.83	69.51	187.0	4.6
4237	1979	11	06	15 49 9.3	18.80	69.68	51.0	5.0
4238	1979	11	13	06 22 2.6	2.31	76.73	140.0D	4.7
4239	1979	11	15	13 36 29.7	16.42	74.81	33.0N	5.4
4240	1979	11	18	13 50 45.4	6.46	73.91	33.0N	5.0

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4241	1979	11	21	02	32	47.9	15.40	75.95	120.0A		
4242	1979	11	26	21	05	47.7	3.39	80.72	53.0	5.1	
4243	1979	12	01	01	30	17.4	17.82	68.74	191.0	4.8	
4244	1979	12	04	12	47	58.4	2.67	78.69	110.0	4.7	
4245	1979	12	05	14	15	17.6	12.86	76.77	62.7		
4246	1979	12	05	17	21	32.0	17.32	72.49	33.0A		
4247	1979	12	07	09	36	57.0	13.35	76.63	71.0	4.7	
4248	1979	12	13	15	30	18.0	7.91	72.23	98.0A		
4249	1979	12	15	18	09	18.3	16.58	74.07	33.0A		
4250	1979	12	18	18	54	7.9	14.18	76.87	127.0A		
4251	1979	12	19	06	40	23.4	14.50	71.51	117.0	5.2	
4252	1979	12	21	00	26	6.9	2.65	79.01	91.0	5.0	4.1 ISC
4253	1979	12	26	02	02	54.1	16.13	71.13	144.0	4.8	
4254	1979	12	27	07	50	8.6	14.68	74.56	110.0	5.0	
4255	1979	12	27	11	53	43.9	15.13	70.90	200.0	4.6	
4256	1979	12	30	12	36	47.0	19.21	69.47	120.0D	4.7	
4257	1979	12	31	05	28	4.9	7.98	80.40	33.0A	4.2	
4258	1979	12	31	19	28	23.0	2.90	81.94	33.0A	4.2	
4259	1980	01	02	22	27	12.1	10.87	79.12	33.0N	5.2	
4260	1980	01	02	22	30	24.2	10.71	79.15	17.0	5.3	6.3 ISC
4261	1980	01	02	23	08	25.2	10.77	79.10	15.0	5.1	
4262	1980	01	03	21	06	40.7	10.87	79.09	33.0N	5.3	
4263	1980	01	03	23	08	32.6	0.12	77.97	33.0A		
4264	1980	01	04	07	32	49.8	10.85	79.18	33.0N	5.1	
4265	1980	01	05	05	13	29.3	11.16	79.17	33.0N	5.0	
4266	1980	01	08	03	59	8.4	18.27	71.23	33.0A		
4267	1980	01	11	08	52	27.4	10.27	74.08	62.0	4.7	
4268	1980	01	13	00	29	7.1	0.63	78.90	131.0	4.7	
4269	1980	01	13	12	02	17.6	9.78	78.65	63.0D	5.3	
4270	1980	01	16	15	49	15.0	14.54	73.49	94.0	5.7	6.1 PAS
4271	1980	01	19	04	34	56.1	9.83	80.03	33.0N	4.8	
4272	1980	01	20	07	12	59.3	14.43	76.22	51.0	4.8	
4273	1980	01	20	07	49	25.7	9.46	79.36	33.0N	4.9	
4274	1980	01	22	01	08	5.5	4.44	77.86	121.0	4.4	
4275	1980	01	31	00	24	34.0	7.62	74.39	155.0D	4.8	
4276	1980	02	01	23	43	41.6	12.26	77.97	33.0N		
4277	1980	02	05	16	50	43.6	19.20	68.27	184.2		
4278	1980	02	05	23	16	3.8	13.60	77.34	33.0A		
4279	1980	02	06	18	35	3.5	17.86	69.31	201.8		
4280	1980	02	09	04	18	49.0	19.32	68.78	144.0		
4281	1980	02	15	21	19	42.4	2.79	80.26	71.0	4.3	
4282	1980	02	18	02	45	53.0	8.98	74.78	33.0A		
4283	1980	02	18	13	03	24.5	2.25	79.73	90.0	5.3	5.3 ISC

## EARTHQUAKE CATALOG OF PERU

I-101

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4284	1980	02	20	02	25	40.9	16.80	72.98	33.0A		
4285	1980	02	24	11	00	50.6	4.77	77.35	142.0	4.6	
4286	1980	03	02	10	03	28.0	9.19	78.92	33.0N	5.1	
4287	1980	03	02	15	19	51.4	16.43	69.65	231.5		
4288	1980	03	06	09	46	15.4	6.09	71.18	42.0	5.0	
4289	1980	03	06	12	29	49.8	16.50	73.50	89.0	4.9	
4290	1980	03	06	15	13	56.5	8.97	71.10	621.0	4.7	
4291	1980	03	07	04	31	2.0	13.78	75.35	88.0	4.6	
4292	1980	03	07	08	25	7.8	16.69	72.95	43.0	5.4	5.9 Z
4292											5.9 BRK
4293	1980	03	07	09	11	9.2	17.85	73.24	33.0A	4.5	
4294	1980	03	08	02	50	4.0	8.45	74.18	159.0	4.8	
4295	1980	03	09	11	35	4.0	17.77	73.19	33.0A		
4296	1980	03	10	06	11	2.2	16.82	72.94	57.0	4.8	4.2 ISC
4297	1980	03	12	04	27	34.4	15.21	75.71	37.0	5.0	4.4 Z
4298	1980	03	16	00	19	25.9	11.64	73.52	55.0	4.9	3.8 ISC
4299	1980	03	16	18	53	48.7	16.76	72.99	52.0	5.0	
4300	1980	03	20	14	32	37.9	5.00	80.73	71.0	4.8	
4301	1980	03	27	06	16	47.5	17.31	70.04	151.0	4.6	
4302	1980	03	28	06	16	55.1	8.99	71.38	500.0D	4.7	
4303	1980	03	28	15	39	39.0	1.77	77.92	159.0D	4.7	
4304	1980	03	29	11	56	29.4	7.66	74.32	148.0D	4.7	
4305	1980	04	02	23	14	34.1	8.62	74.69	138.0	4.6	
4306	1980	04	04	06	25	25.4	7.89	74.41	154.0D	5.0	4.0 ISC
4307	1980	04	04	08	18	56.4	10.62	82.16	33.0A		
4308	1980	04	04	22	22	36.6	19.10	69.57	149.0	4.6	
4309	1980	04	05	19	56	14.6	3.74	81.59	60.3		
4310	1980	04	06	18	25	59.6	17.00	72.80	79.0		
4311	1980	04	09	10	00	19.0	9.84	75.10	128.0	4.8	3.9 ISC
4312	1980	04	10	00	46	3.2	11.61	77.38	77.0	4.9	
4313	1980	04	12	09	14	44.4	9.96	78.44	33.0A	4.6	
4314	1980	04	18	19	33	36.3	14.77	71.28	134.0	5.1	
4315	1980	04	20	11	26	22.9	2.52	78.50	107.0D	5.1	3.5 ISC
4316	1980	04	21	17	25	14.0	16.80	73.01	33.0N		
4317	1980	04	22	02	39	9.3	19.75	70.58	64.0	4.7	
4318	1980	05	04	23	29	3.2	5.12	78.81	127.0	4.6	
4319	1980	05	06	07	37	50.1	17.25	72.93	33.0A		
4320	1980	05	08	15	44	9.6	0.15	77.59	25.3		
4321	1980	05	14	14	44	16.9	17.22	73.02	34.0	5.0	4.5 Z
4322	1980	05	16	02	52	54.3	0.59	78.98	11.0	4.7	
4323	1980	05	16	04	52	53.8	7.92	73.75	186.0D	5.3	4.0 ISC
4324	1980	05	18	13	42	30.9	16.20	71.88	125.0	4.5	
4325	1980	05	23	03	40	38.6	19.18	69.44	112.0	4.6	

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4326	1980	05	24	05	45	35.0	17.92	69.60	160.0		
4327	1980	05	25	02	09	48.9	15.18	76.49	33.0A		
4328	1980	05	25	19	06	39.0	14.37	73.90	100.0		
4329	1980	05	26	18	41	42.9	19.36	69.24	114.0D	6.1	6.1 ISC
4330	1980	05	26	21	20	31.1	19.77	69.44	128.0	4.4	
4331	1980	05	26	23	54	11.6	19.74	69.24	33.0A		
4332	1980	05	29	23	21	10.7	17.19	69.57	176.0	4.5	
4333	1980	06	01	16	07	11.7	19.57	70.07	118.0		
4334	1980	06	03	19	17	40.1	13.44	72.62	40.0	4.9	4.4 ISC
4335	1980	06	09	09	16	12.3	14.44	76.65	33.0A		
4336	1980	06	11	00	46	19.1	14.88	76.99	0.0A	4.8	
4337	1980	06	12	09	17	42.0	14.95	72.06	130.0A		
4338	1980	06	15	23	47	15.0	15.52	75.24	26.0D	5.4	5.4 Z
4339	1980	06	16	00	00	17.7	16.29	76.21	33.0A	4.8	
4340	1980	06	16	08	32	58.6	16.87	76.85	33.0A		
4341	1980	06	16	10	40	46.0	15.76	75.48	23.0D	4.7	4.2 Z
4342	1980	06	16	21	47	32.5	8.71	74.81	144.0	4.9	
4343	1980	06	17	07	23	33.7	15.79	76.54	33.0A		
4344	1980	06	17	23	46	44.6	16.16	71.60	143.0A		
4345	1980	06	19	14	12	22.6	18.77	71.14	65.1		
4346	1980	06	23	18	35	21.2	15.80	74.14	48.0	5.0	6.0 ISC
4347	1980	06	25	09	01	45.2	16.78	74.37	0.0A		
4348	1980	06	29	19	41	39.2	1.43	77.31	227.0		
4349	1980	06	29	20	12	51.5	15.36	74.10	89.0	4.8	
4350	1980	07	05	04	38	43.7	19.17	69.32	183.5		
4351	1980	07	10	04	25	40.5	18.58	69.68	151.0	4.3	
4352	1980	07	10	17	41	22.4	8.43	75.76	46.5		
4353	1980	07	15	04	01	51.8	5.66	81.11	33.0A	4.5	
4354	1980	07	17	07	48	40.3	19.36	69.13	116.0D	4.7	
4355	1980	07	20	13	54	26.4	9.66	74.95	134.0	5.2	
4356	1980	07	21	08	47	56.2	18.52	69.35	137.0	4.7	
4357	1980	07	23	08	43	55.2	2.32	78.32	127.0D	4.2	
4358	1980	07	25	00	11	43.1	8.06	74.52	168.0	4.6	
4359	1980	07	28	08	55	59.8	10.41	74.67	29.0	5.0	
4360	1980	07	29	11	43	44.6	1.45	77.77	192.0	4.5	
4361	1980	08	05	10	21	49.9	5.52	79.11	33.0A	4.5	
4362	1980	08	11	19	41	5.8	15.54	75.18	33.0N	5.1	5.1 Z
4363	1980	08	16	19	22	33.5	13.05	74.39	33.0N	5.1	3.7 ISC
4364	1980	08	16	23	52	49.0	11.79	75.12	43.7	4.7	
4365	1980	08	18	15	07	52.6	1.95	80.02	55.0D	5.6	6.1 PAS
4365											5.6 BRK
4366	1980	08	20	20	32	8.2	2.10	80.19	44.0D	4.6	
4367	1980	08	22	03	37	56.7	15.39	75.75	53.2	4.9	3.4

## EARTHQUAKE CATALOG OF PERU

I-103

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4368	1980	08	22	08 53 46.8	9.82	79.82	33.0N	4.6	
4369	1980	08	27	05 00 24.2	15.49	75.14	33.0A		
4370	1980	08	31	17 03 22.3	6.25	80.88	28.0D	5.2	4.5 Z
4371	1980	09	03	11 17 59.5	5.64	79.36	75.9	4.3	
4372	1980	09	03	18 48 36.8	1.90	78.05	154.0D	4.8	
4373	1980	09	04	20 18 58.4	4.80	77.75	33.0A		
4374	1980	09	06	12 48 6.8	11.80	76.17	33.0A		
4375	1980	09	14	23 41 58.1	1.83	78.05	167.0	4.3	
4376	1980	09	15	01 14 4.3	4.29	80.89	33.0A	4.4	
4377	1980	09	16	22 08 22.6	7.11	75.81	33.0N	4.9	
4378	1980	09	17	15 39 6.4	6.73	76.99	132.6	4.4	
4379	1980	09	17	22 19 12.2	16.30	73.74	33.0A		
4380	1980	09	20	04 42 25.9	12.56	77.45	17.0		
4381	1980	09	20	14 11 54.9	18.42	74.10	33.0A		
4382	1980	09	21	00 39 41.4	1.96	78.43	198.2		
4383	1980	09	21	22 38 57.4	12.94	75.30	104.0	3.9	
4384	1980	09	23	00 18 19.8	18.09	69.98	134.0	4.7	
4385	1980	09	26	09 02 26.4	19.65	69.43	115.0	4.5	
4386	1980	09	29	00 31 54.8	17.41	69.88	135.0D	4.9	
4387	1980	10	01	14 21 15.3	9.03	76.70	33.0N		
4388	1980	10	03	13 24 35.0	14.49	73.04	33.0A		
4389	1980	10	04	15 37 11.4	17.86	73.99	33.0A		
4390	1980	10	08	22 01 34.8	1.38	77.69	190.0D	5.5	5.0 ISC
4391	1980	10	10	19 10 1.8	8.44	74.64	135.0	4.7	
4392	1980	10	16	09 16 54.4	19.71	69.00	33.0A	4.8	
4393	1980	10	17	17 41 9.6	14.42	76.02	33.0N	4.5	
4394	1980	10	21	12 55 28.7	2.04	79.54	112.0	4.8	
4395	1980	10	26	14 02 31.5	15.32	72.57	33.0A		
4396	1980	10	27	09 41 30.4	19.55	70.33	73.0	4.8	
4397	1980	10	28	20 20 19.7	17.09	73.88	33.0N	4.7	
4398	1980	10	29	00 23 31.0	18.83	69.48	33.0A		
4399	1980	11	02	18 21 15.6	4.53	79.44	95.0D	5.0	3.1 ISC
4400	1980	11	02	22 40 41.4	17.06	72.65	76.8	4.7	
4401	1980	11	05	19 24 25.3	15.93	72.28	129.0	4.8	
4402	1980	11	06	11 24 12.4	18.50	69.22	137.0	4.8	
4403	1980	11	09	14 11 7.8	17.02	72.80	53.0	5.1	3.7 ISC
4404	1980	11	10	22 21 13.8	13.19	74.52	48.0	5.1	4.0 ISC
4405	1980	11	10	23 33 6.4	13.20	74.53	33.0A		
4406	1980	11	11	12 45 20.2	13.35	74.50	33.0A		
4407	1980	11	12	06 58 11.6	13.35	74.54	71.0	4.9	
4408	1980	11	12	08 19 48.5	1.14	77.82	33.0A	4.1	
4409	1980	11	12	11 15 32.9	13.28	74.52	37.0	4.9	3.6 Z
4410	1980	11	12	11 54 33.9	18.95	69.25	113.0D	5.1	

I-104

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4411	1980	11	12	16	09	32.0	13.18	74.51	33.0N		
4412	1980	11	12	21	44	40.9	13.08	74.35	33.0A		
4413	1980	11	13	01	51	27.9	13.18	74.38	33.0A		
4414	1980	11	14	06	32	29.9	13.27	74.65	33.0A		
4415	1980	11	16	08	45	28.1	10.51	76.68	264.0	4.2	
4416	1980	11	16	19	56	25.0	13.20	74.29	33.0N		
4417	1980	11	21	13	20	33.0	8.68	75.93	33.0A	4.4	
4418	1980	11	23	23	03	32.7	1.73	73.47	33.0A		
4419	1980	11	24	11	03	14.5	9.27	74.08	165.0	4.5	
4420	1980	11	24	20	34	18.7	14.90	76.23	33.0N	5.1	
4421	1980	11	27	12	22	54.6	18.49	69.61	140.0		
4422	1980	12	03	14	34	41.9	16.78	75.18	33.0A		
4423	1980	12	07	02	04	23.4	18.14	69.69	214.1		
4424	1980	12	11	21	31	43.2	13.19	74.41	47.0		
4425	1980	12	11	22	56	22.0	16.35	75.91	33.0A		
4426	1980	12	12	07	26	19.3	8.14	72.11	295.0A	4.1	
4427	1980	12	14	08	42	55.2	19.49	71.14	33.0A		
4428	1980	12	14	09	21	38.3	12.99	74.33	33.0A		
4429	1980	12	14	22	57	50.3	11.02	74.19	169.7	4.6	GS
4430	1980	12	16	00	35	11.6	17.05	69.97	33.0N	4.9	4.4 Z
4431	1980	12	17	08	45	18.7	13.20	74.40	43.0	5.2	3.7 Z
4432	1980	12	17	09	44	13.0	14.84	72.45	102.0	4.8	3.5 ISC
4433	1980	12	22	11	05	25.6	17.08	70.06	33.0N	4.9	4.9 Z
4434	1980	12	22	12	18	24.7	14.69	76.16	0.0A		
4435	1980	12	22	14	09	58.5	9.83	75.53	54.1	4.6	
4436	1980	12	23	09	44	23.1	11.49	73.08	53.0	4.4	
4437	1980	12	25	00	51	4.5	4.12	81.15	33.0N	5.1	
4438	1980	12	26	08	19	41.2	12.79	77.04	62.0	4.5	
4439	1980	12	27	07	52	2.8	17.11	69.79	171.6		
4440	1980	12	29	01	19	22.0	12.28	71.26	33.0N	4.8	
4441	1980	12	30	06	44	11.8	5.37	80.20	96.0	4.0	
4442	1980	12	31	08	56	45.2	16.05	74.14	33.0A		
4443	1981	01	03	04	05	58.4	2.12	80.28	60.1	4.2	
4444	1981	01	06	08	40	56.7	11.08	79.36	33.0A	4.2	
4445	1981	01	10	10	58	7.5	13.79	75.04	105.1		
4446	1981	01	13	12	46	54.7	18.05	71.50	36.0D	5.0	
4447	1981	01	21	19	12	57.9	10.50	74.17	126.0D	5.2	
4448	1981	01	23	01	08	53.2	14.59	70.52	40.0	5.3	
4449	1981	01	24	09	02	1.9	13.20	74.39	33.0N	4.6	
4450	1981	01	25	17	22	22.1	10.22	75.49	124.0	5.2	
4451	1981	01	26	04	13	48.7	13.57	75.54	115.0		
4452	1981	01	28	04	37	55.0	10.29	75.45	33.0N	4.7	4.3 Z
4453	1981	02	01	08	09	36.6	19.77	69.51	102.6		

## EARTHQUAKE CATALOG OF PERU

I-105

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4454	1981	02	01	11	39	25.3	17.55	70.24	146.6		
4455	1981	02	02	07	20	33.2	16.95	71.15	85.0	4.7	
4456	1981	02	02	07	54	26.8	19.42	69.45	33.0A		
4457	1981	02	03	08	38	40.1	11.05	75.37	111.0	4.8	
4458	1981	02	05	08	25	2.0	12.97	74.31	33.0A		
4459	1981	02	13	19	58	52.2	15.59	74.53	65.0D	5.6	5.2 BRK
4460	1981	02	14	04	28	10.0	15.02	70.14	199.0	4.8	
4461	1981	02	16	13	59	31.8	13.10	74.48	33.0N	5.0	3.6 ISC
4462	1981	02	18	04	11	52.1	9.74	74.73	140.0	4.6	
4463	1981	02	18	23	24	56.5	1.75	77.33	199.0	4.5	3.9 ISC
4464	1981	02	27	09	15	9.5	15.87	75.66	33.0N	4.7	
4465	1981	02	28	21	56	13.5	6.41	81.42	33.0N	5.3	6.0 Z 6.3 PAS
4466	1981	03	01	12	56	26.7	14.85	72.77	128.0A		
4467	1981	03	04	08	38	20.4	2.34	81.08	33.0A	4.6	
4468	1981	03	04	11	22	37.5	13.86	73.07	117.0A		
4469	1981	03	05	04	03	33.3	18.00	69.44	146.9		
4470	1981	03	08	23	21	1.9	15.23	71.89	137.1		
4471	1981	03	09	22	03	4.0	2.02	80.16	76.0	4.9	
4472	1981	03	10	06	51	1.8	0.77	77.41	49.1	4.5	
4473	1981	03	13	18	09	26.0	3.71	82.06	33.0N		
4474	1981	03	13	18	18	19.4	14.70	70.32	241.0D	5.0	
4475	1981	03	15	12	37	14.6	17.77	69.55	48.6		
4476	1981	03	17	07	44	8.6	9.85	74.87	133.0	5.0	
4477	1981	03	18	03	39	44.1	9.97	78.39	91.0	4.6	
4478	1981	03	19	10	37	41.5	13.48	74.48	99.0		
4479	1981	03	21	11	45	26.8	14.45	73.26	76.0	4.9	
4480	1981	03	21	20	47	43.2	10.68	75.02	33.0A	5.0	
4481	1981	03	26	02	46	46.0	1.64	77.87	171.0	4.5	
4482	1981	03	26	18	04	44.7	19.37	68.96	138.0D	5.8	5.9 ISC
4483	1981	03	28	06	45	28.2	16.00	72.84	33.0A		
4484	1981	03	28	11	42	34.5	13.59	77.71	33.0A		
4485	1981	03	29	15	19	18.0	14.75	75.95	33.0A		
4486	1981	03	29	16	11	18.0	13.83	77.19	33.0A		
4487	1981	03	31	11	57	26.5	15.04	75.76	33.0A		
4488	1981	04	02	07	59	43.7	10.22	74.86	61.2	4.9	
4489	1981	04	03	12	40	29.3	15.64	71.36	155.0		
4490	1981	04	09	10	03	47.0	13.15	73.92	33.0A		
4491	1981	04	10	03	59	42.9	16.16	72.15	182.7		
4492	1981	04	10	05	25	53.9	15.60	75.34	0.0A		
4493	1981	04	10	16	29	49.5	18.37	69.49	137.8		
4494	1981	04	11	10	22	8.7	5.50	77.34	33.0N	4.9	
4495	1981	04	12	01	26	11.4	13.03	74.29	33.0A		

I-106

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4496	1981	04	13	10 08 47.1	15.02	71.96	33.0N		
4497	1981	04	13	13 53 25.2	19.05	70.49	57.0	4.1	
4498	1981	04	13	14 03 1.5	4.34	81.10	33.0N	4.7	
4499	1981	04	13	21 32 51.0	8.82	72.90	42.0	5.0	
4500	1981	04	14	00 52 13.4	14.93	76.06	0.0A		
4501	1981	04	14	15 55 30.9	13.14	74.42	33.0N		
4502	1981	04	14	20 08 2.0	15.22	72.07	188.0		
4503	1981	04	18	00 32 39.8	13.14	74.38	38.0	5.3	4.8 Z
4504	1981	04	18	08 34 36.5	12.87	74.21	33.0A		
4505	1981	04	18	14 29 52.4	13.16	74.44	39.8	5.1	
4506	1981	04	18	18 28 10.4	13.06	74.39	33.0A		
4507	1981	04	19	01 57 36.8	13.24	74.44	33.0N		
4508	1981	04	19	02 26 56.9	13.21	74.32	33.0A		
4509	1981	04	19	03 29 17.1	13.21	73.62	33.0A		
4510	1981	04	19	20 33 46.0	13.21	74.53	33.0N		
4511	1981	04	20	04 46 19.2	13.25	74.05	33.0A		
4512	1981	04	20	09 44 29.8	13.21	74.53	33.0N		
4513	1981	04	20	14 30 43.5	14.76	73.95	93.0	4.6	
4514	1981	04	20	19 52 19.3	13.15	76.84	33.0A	4.9	
4515	1981	04	21	09 22 39.0	13.28	74.58	33.0A		
4516	1981	04	22	09 47 21.5	2.82	78.74	33.0A	4.4	
4517	1981	04	23	09 34 36.8	13.20	74.67	33.0A		
4518	1981	04	23	15 39 14.3	14.86	70.84	195.0	4.9	
4519	1981	04	23	21 57 40.1	15.69	74.99	33.0N	4.5	
4520	1981	04	25	02 48 1.4	17.93	69.65	145.0	4.7	
4521	1981	04	25	10 42 43.3	8.82	74.49	170.0	5.1	
4522	1981	04	25	14 35 47.7	3.55	76.68	110.0D	4.9	
4523	1981	04	26	11 47 49.7	14.39	76.01	33.0N		
4524	1981	04	26	20 12 9.3	12.87	74.12	0.0A		
4525	1981	04	27	09 23 19.4	9.85	75.58	33.0N	4.5	
4526	1981	04	27	16 22 33.7	4.46	77.03	127.0	4.8	
4527	1981	04	28	13 27 30.8	13.19	74.48	33.0N		
4528	1981	04	29	17 51 45.3	1.43	77.38	188.0	4.1	
4529	1981	04	29	18 04 20.8	14.47	75.08	33.0N		
4530	1981	05	01	08 20 34.9	13.17	74.38	33.0A		
4531	1981	05	01	11 21 4.4	13.20	75.26	33.0A		
4532	1981	05	01	13 11 6.1	13.21	74.45	33.0A		
4533	1981	05	02	02 35 33.4	10.39	74.43	144.2	4.5	
4534	1981	05	02	06 30 55.1	15.28	72.18	178.0		
4535	1981	05	02	17 46 59.7	14.97	74.05	192.5		
4536	1981	05	02	19 16 32.4	17.81	71.76	16.0	5.1	
4537	1981	05	06	09 30 55.0	18.27	75.25	33.0A		
4538	1981	05	06	21 34 48.8	2.03	80.98	33.0N	5.3	6.3 ISC



## EARTHQUAKE CATALOG OF PERU

I-107

NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
4539	1981	05	06	21 36 6.8	1.89	80.89	33.0N	6.0
4539								6.4 Z
4540	1981	05	07	20 38 22.4	2.06	80.99	43.7	4.5
4541	1981	05	07	21 45 49.0	18.10	69.64	156.0	4.5
4542	1981	05	09	02 56 7.9	8.33	75.07	205.0A	
4543	1981	05	09	19 48 25.5	7.11	75.64	133.3	4.3
4544	1981	05	10	13 49 17.3	8.44	82.04	33.0A	4.4
4545	1981	05	11	02 43 21.6	19.08	69.76	107.0	5.0
4546	1981	05	11	17 18 56.8	16.52	72.85	97.0	
4547	1981	05	13	03 58 11.0	1.36	78.43	33.0N	4.7
4548	1981	05	13	12 32 33.7	14.97	72.99	66.0	
4549	1981	05	13	14 15 12.0	14.39	76.49	19.0	
4550	1981	05	16	21 50 49.6	18.16	69.82	137.2	
4551	1981	05	18	07 17 13.4	10.32	78.40	58.0D	5.2
4552	1981	05	22	03 08 14.0	16.24	71.56	126.0	5.0
4553	1981	05	22	17 48 0.7	19.30	69.26	92.0	4.9
4554	1981	05	23	07 01 59.5	8.55	74.61	222.9A	
4555	1981	05	23	12 59 0.1	13.21	74.23	33.0A	
4556	1981	05	24	08 51 6.0	5.58	78.76	33.0N	4.2
4557	1981	05	24	19 28 4.6	13.27	74.46	33.0A	
4558	1981	05	24	21 29 6.1	18.72	69.54	124.0	4.7
4559	1981	05	26	04 45 51.7	4.91	76.43	102.3	4.6
4560	1981	05	26	04 55 30.2	3.00	79.18	96.0	5.1
4561	1981	05	27	07 51 45.5	13.44	73.69	23.5	4.1 GS
4562	1981	06	05	07 09 5.2	11.33	73.71	107.5	5.3
4563	1981	06	05	09 21 40.8	13.11	74.49	33.0A	
4564	1981	06	05	23 34 54.6	3.90	80.71	37.0D	5.3
4565	1981	06	06	05 05 14.8	14.06	76.26	41.9	
4566	1981	06	06	15 01 30.7	9.99	78.82	47.0D	4.8
4567	1981	06	06	17 59 40.5	16.64	73.39	33.0A	
4568	1981	06	07	14 39 14.8	18.81	69.57	122.1	4.7
4569	1981	06	08	11 44 44.5	16.85	72.23	67.7	4.3
4570	1981	06	10	08 37 17.2	8.62	72.80	33.0A	
4571	1981	06	14	16 31 2.1	8.54	79.69	37.0D	4.6
4572	1981	06	16	23 54 11.4	13.14	74.41	33.0N	
4573	1981	06	18	07 14 42.8	8.75	75.06	160.5	
4574	1981	06	20	01 03 57.2	17.54	72.48	33.0A	
4575	1981	06	21	23 58 59.9	4.86	76.91	102.0D	5.1
4576	1981	06	22	07 12 47.4	15.45	75.73	33.0A	
4577	1981	06	22	17 53 21.3	13.17	74.52	23.7	5.1
4578	1981	06	22	18 39 0.7	13.22	74.46	33.0A	5.2 Z
4579	1981	06	22	18 40 15.2	13.03	74.43	33.8	4.7
4580	1981	06	22	23 13 2.5	13.09	74.36	33.0A	

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4581	1981	06	23	02 28 25.4	13.24	74.60	32.1	4.8	4.5 Z
4582	1981	06	23	03 20 27.0	13.50	74.58	33.0N		
4583	1981	06	23	06 49 32.7	13.15	74.47	33.0A		
4584	1981	06	23	23 40 25.5	13.19	74.46	33.0A		
4585	1981	06	24	07 54 22.3	4.97	81.11	33.0A	4.4	
4586	1981	06	24	13 25 35.3	2.52	79.10	90.0D	4.5	
4587	1981	06	26	19 36 24.8	13.42	76.93	33.0A		
4588	1981	06	27	07 52 41.1	13.36	74.49	33.0N		
4589	1981	06	27	21 54 14.6	3.05	80.33	49.0D	5.1	4.5 ISC
4590	1981	06	28	03 21 53.5	13.53	74.57	48.0		
4591	1981	06	28	12 56 20.0	7.82	74.30	132.9	4.8	
4592	1981	06	28	18 30 11.6	16.27	69.96	206.3	4.9	
4593	1981	06	30	04 30 5.8	13.29	74.64	17.4	4.6	3.9 Z
4594	1981	07	04	06 40 39.7	13.13	74.39	33.0A		
4595	1981	07	04	15 14 28.6	10.34	77.48	95.4	4.8	
4596	1981	07	04	22 39 56.4	13.09	74.43	41.0	4.7	3.8 ISC
4597	1981	07	05	02 07 32.5	17.66	73.19	33.0A		
4598	1981	07	06	08 16 15.0	16.04	70.47	97.0	4.4	
4599	1981	07	08	01 06 36.7	17.65	69.69	163.4		
4600	1981	07	08	01 16 3.1	14.14	76.75	32.9	4.9	
4601	1981	07	10	12 41 28.2	13.19	74.43	33.0A		
4602	1981	07	13	19 47 34.8	6.71	76.82	33.0N	4.9	
4603	1981	07	13	20 12 32.5	15.34	74.04	33.0A		
4604	1981	07	13	22 53 55.2	3.63	81.32	33.0A	4.4	
4605	1981	07	15	21 37 54.0	12.74	74.12	33.0A		
4606	1981	07	16	02 47 41.6	13.74	76.66	33.0N		
4607	1981	07	16	05 27 59.5	10.31	77.87	33.0N	4.6	
4608	1981	07	17	13 59 52.1	13.86	76.73	29.1	4.4	
4609	1981	07	18	01 49 15.4	13.16	74.13	33.0A		
4610	1981	07	18	18 14 32.6	16.98	73.63	33.0N	4.6	
4611	1981	07	19	12 40 13.5	12.51	76.74	56.4		
4612	1981	07	21	13 11 29.6	8.41	80.16	33.0A	4.5	
4613	1981	07	21	18 34 45.6	17.90	69.71	33.0A		
4614	1981	07	22	02 44 27.8	11.84	77.80	65.2	4.6	
4615	1981	07	22	07 40 53.9	11.12	78.14	39.0D	4.9	
4616	1981	07	25	00 15 50.9	16.64	75.00	33.0N		
4617	1981	07	25	21 30 4.7	11.24	74.96	116.1	4.1	
4618	1981	07	26	08 07 24.6	12.99	73.95	33.0A		
4619	1981	07	28	17 10 28.1	13.32	74.15	33.0A		
4620	1981	07	29	07 55 29.3	11.11	75.79	151.9		
4621	1981	07	29	11 10 4.5	11.09	77.49	33.0N		
4622	1981	07	29	12 42 22.3	13.57	77.11	33.0A		
4623	1981	07	29	15 07 45.2	13.36	74.42	33.0N		

## EARTHQUAKE CATALOG OF PERU

I-109

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4624	1981	07	29	22 43 55.0	2.64	76.36	121.0	4.3	
4625	1981	08	03	13 37 47.4	5.35	78.13	91.0D	4.9	
4626	1981	08	06	01 59 21.6	14.45	74.54	105.5		
4627	1981	08	06	07 14 10.3	16.71	73.52	33.0A	4.7	GS
4628	1981	08	11	23 47 12.1	16.62	72.68	84.4	5.0	
4629	1981	08	12	14 50 44.1	18.67	69.76	134.3	4.3	
4630	1981	08	13	21 19 23.4	18.67	69.43	130.0D	4.6	
4631	1981	08	16	21 46 53.6	8.61	74.65	147.0D	4.9	
4632	1981	08	16	23 11 21.7	8.60	74.52	149.0D	4.8	
4633	1981	08	18	12 53 34.8	19.33	69.57	127.1		
4634	1981	08	19	14 29 43.6	3.89	80.97	32.0D	5.2	3.8 ISC
4635	1981	08	20	06 04 49.5	14.68	76.14	0.0A		
4636	1981	08	21	03 11 7.9	15.23	77.26	33.0A		
4637	1981	08	21	09 36 7.9	16.67	73.64	63.1	4.4	
4638	1981	08	21	23 03 25.7	19.76	71.51	33.0A		
4639	1981	08	22	04 13 15.8	11.99	77.10	33.0N		
4640	1981	08	25	10 13 17.0	14.24	73.07	33.0N		
4641	1981	08	26	01 00 55.2	14.87	76.21	33.0N		
4642	1981	08	26	09 56 28.6	13.93	72.57	105.0D	4.4	
4643	1981	08	26	22 02 51.5	13.98	77.80	33.0A		
4644	1981	08	27	10 25 55.4	13.13	74.45	33.0N		
4645	1981	08	28	19 44 27.8	12.78	77.07	73.9		
4646	1981	08	29	00 36 50.0	13.72	74.56	33.0A		
4647	1981	09	01	07 21 29.2	12.83	77.32	33.0A		
4648	1981	09	02	05 01 13.7	12.64	75.39	33.0A		
4649	1981	09	04	02 45 21.8	17.54	70.68	119.0		
4650	1981	09	07	15 26 50.0	14.16	75.23	68.5		
4651	1981	09	07	19 38 1.1	13.36	76.52	66.7		
4652	1981	09	08	21 06 22.4	14.09	76.48	33.0N		
4653	1981	09	10	18 31 50.0	12.31	75.49	140.0A		
4654	1981	09	10	19 41 60.0	8.62	77.11	226.8	4.2	
4655	1981	09	11	10 08 28.2	13.52	74.86	33.0A		
4656	1981	09	11	14 14 15.8	15.78	73.16	33.0N		
4657	1981	09	15	07 37 12.0	13.23	76.40	70.3		
4658	1981	09	15	15 08 12.5	10.60	74.58	33.0N	4.7	
4659	1981	09	16	06 29 0.1	13.20	72.75	33.0N		
4660	1981	09	17	21 03 53.6	14.21	73.90	33.0N		
4661	1981	09	18	05 02 44.7	14.32	76.06	33.0N		
4662	1981	09	19	01 27 17.1	7.87	76.40	252.5		
4663	1981	09	20	02 54 3.6	8.27	74.37	157.0D	4.7	
4664	1981	09	21	19 01 41.1	15.68	75.31	33.0A		
4665	1981	09	25	01 34 30.7	19.72	69.34	121.0D	4.6	
4666	1981	09	26	01 02 11.3	11.70	73.41	220.3A		

I-110

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4667	1981	09	28	11	20	37.9	11.37	77.86	147.1	3.9	
4668	1981	09	29	04	24	49.6	19.22	69.46	260.0A		
4669	1981	10	03	08	42	8.9	19.83	69.89	33.0A		
4670	1981	10	04	00	32	59.1	16.49	72.58	33.0A		
4671	1981	10	04	15	18	26.4	17.20	73.73	33.0A		
4672	1981	10	04	20	03	53.0	1.55	77.36	203.6	5.2	
4673	1981	10	04	22	45	54.1	14.41	76.13	33.0N	4.8	
4674	1981	10	05	10	22	56.3	14.56	74.44	152.0A		
4675	1981	10	07	08	03	21.4	17.95	71.73	33.0N	4.4	
4676	1981	10	07	20	03	47.7	2.48	77.21	136.4	4.8	
4677	1981	10	08	00	12	33.0	6.62	81.31	33.0N	4.6	
4678	1981	10	08	22	25	53.0	17.12	70.05	147.2	5.0	
4679	1981	10	10	17	33	39.0	12.63	75.66	33.0A		
4680	1981	10	11	22	21	12.3	12.52	77.27	33.0N		
4681	1981	10	11	23	50	6.0	19.76	71.39	33.0A		
4682	1981	10	12	12	24	13.4	17.18	72.17	57.2	4.6	
4683	1981	10	13	04	33	7.8	1.73	77.99	160.5	4.4	
4684	1981	10	13	16	06	26.9	15.51	71.23	74.5		
4685	1981	10	15	15	39	42.7	12.12	77.08	33.0N		
4686	1981	10	15	18	45	29.7	14.86	71.59	126.0D	4.9	
4687	1981	10	17	11	53	42.1	15.44	71.31	93.2	4.4	
4688	1981	10	18	09	24	36.9	12.32	75.78	33.0N		
4689	1981	10	24	17	01	34.9	15.61	74.49	33.0N	4.7	4.0 Z
4690	1981	10	24	22	12	8.8	11.88	75.48	101.2		
4691	1981	10	27	11	01	56.3	11.57	74.19	33.0A	4.4	
4692	1981	10	28	23	34	13.4	14.09	75.47	103.2	4.3	
4693	1981	10	29	15	15	17.1	11.86	75.69	33.0N		
4694	1981	10	29	17	58	15.8	11.60	74.17	47.9	4.4	
4695	1981	10	30	14	20	16.7	11.73	76.71	45.6		
4696	1981	10	31	10	14	1.6	10.06	79.73	31.0D	5.3	4.9 Z
4697	1981	10	31	15	21	37.8	19.92	71.21	33.0N	4.7	
4698	1981	11	01	05	35	0.4	19.87	70.95	33.0A	4.5	
4699	1981	11	02	09	48	8.9	12.55	76.61	33.0A		
4700	1981	11	02	14	30	55.0	18.91	69.78	94.0D	5.1	
4701	1981	11	03	07	02	38.6	1.83	78.44	129.4	5.6	
4701										5.8 BRK	
4702	1981	11	03	09	19	32.3	19.50	69.26	120.5		
4703	1981	11	04	01	10	22.8	10.22	79.76	33.0A	4.4	
4704	1981	11	06	15	57	59.6	13.88	76.97	33.0A		
4705	1981	11	07	05	37	47.0	15.02	76.93	33.0A		
4706	1981	11	10	05	49	26.3	16.38	74.47	33.0A		
4707	1981	11	10	11	22	43.4	10.25	74.98	33.0A		
4708	1981	11	11	07	52	42.6	8.87	72.93	40.0	4.7	3.7 Z

## EARTHQUAKE CATALOG OF PERU

I-111

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4709	1981	11	15	08	43	35.9	17.69	73.46	33.0N	5.0	
4710	1981	11	17	05	07	45.0	13.52	76.92	0.0A		
4711	1981	11	17	11	02	17.4	13.13	76.34	72.1		
4712	1981	11	17	17	12	19.5	18.43	69.36	33.0A		
4713	1981	11	19	01	13	41.9	2.04	78.14	230.9	4.6	
4714	1981	11	20	21	07	45.3	17.61	69.45	154.0		
4715	1981	11	21	00	11	54.9	17.89	73.44	33.0N		
4716	1981	11	21	00	41	41.8	15.23	72.37	33.0A		
4717	1981	11	21	23	51	55.8	19.50	69.58	33.0A		
4718	1981	11	22	23	15	8.7	12.00	74.68	114.0	4.9	
4719	1981	11	23	00	04	1.2	15.40	74.19	33.0N		
4720	1981	11	24	00	37	39.0	15.17	75.97	33.0A		
4721	1981	11	24	07	52	55.9	11.35	74.94	117.0		
4722	1981	11	24	11	20	40.1	11.57	76.07	33.0A		
4723	1981	11	25	15	35	52.1	19.95	70.82	33.0A		
4724	1981	11	25	17	43	34.0	8.47	74.23	155.7	5.0	
4725	1981	11	27	17	46	0.8	17.52	69.77	145.2	4.7	
4726	1981	11	30	07	48	39.5	5.15	77.65	89.2	4.4	
4727	1981	11	30	15	42	28.2	17.02	69.85	133.0D	5.4	
4728	1981	12	02	07	05	14.0	12.56	77.56	33.0A		
4729	1981	12	02	08	50	36.1	14.93	73.99	142.9		
4730	1981	12	04	00	36	28.5	15.82	75.91	33.0N		
4731	1981	12	04	01	17	52.1	15.20	71.56	151.0A		
4732	1981	12	04	16	47	53.6	15.34	73.68	33.0A		
4733	1981	12	06	04	31	7.6	1.40	77.65	189.0D	4.7	
4734	1981	12	06	11	10	2.9	10.97	75.34	144.1		
4735	1981	12	06	13	59	10.8	13.35	76.97	33.0A		
4736	1981	12	07	09	36	44.3	12.52	76.30	33.0N		
4737	1981	12	08	16	15	26.0	8.72	73.60	111.5	4.9	
4738	1981	12	10	00	28	5.0	16.92	72.83	33.0A		
4739	1981	12	10	12	58	2.1	10.77	75.50	141.2		
4740	1981	12	11	08	52	34.8	15.37	69.72	33.0A		
4741	1981	12	11	16	44	49.6	14.22	75.69	76.6		
4742	1981	12	11	17	22	54.2	15.79	75.52	33.0N		
4743	1981	12	13	18	34	19.7	19.56	69.71	33.0A		
4744	1981	12	14	03	28	18.2	15.75	75.51	33.0N		
4745	1981	12	14	03	50	0.9	17.52	70.33	125.6		
4746	1981	12	15	14	38	35.7	17.67	71.07	33.0A		
4747	1981	12	18	21	54	49.0	14.17	72.22	90.9		
4748	1981	12	19	19	24	25.2	14.98	75.11	63.8	4.8	
4749	1981	12	20	06	12	12.7	17.70	69.92	139.2	4.7	
4750	1981	12	21	03	18	0.9	12.48	76.02	33.0N		
4751	1981	12	21	09	24	28.7	13.24	73.07	0.0A		

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4752	1981	12	21	12 50 45.3	14.52	74.44	0.0A		
4753	1981	12	21	21 10 18.2	9.67	72.79	33.0A		
4754	1981	12	23	15 45 44.0	12.05	76.42	33.0N		
4755	1981	12	23	22 11 8.8	19.20	70.27	58.2	5.3	
4756	1981	12	24	14 44 7.5	14.28	74.32	108.1		
4757	1981	12	25	15 27 18.8	13.61	76.43	33.0N		
4758	1981	12	25	18 54 23.4	3.51	78.11	111.2	4.7	
4759	1981	12	27	18 08 18.7	16.56	76.06	33.0N		
4760	1981	12	27	21 23 12.9	8.33	79.96	28.0D	5.3	4.7 Z
4761	1982	01	02	06 45 34.3	18.52	70.10	110.4	4.2	
4762	1982	01	03	02 05 21.2	5.37	81.31	33.0N	4.7	3.8 Z
4763	1982	01	04	15 33 8.2	19.14	69.62	109.0	5.2	
4764	1982	01	05	02 58 1.3	18.89	69.41	153.0		
4765	1982	01	07	01 36 59.2	16.51	75.62	33.0A		
4766	1982	01	10	15 01 3.2	12.46	76.99	0.0A		
4767	1982	01	14	08 08 7.5	19.85	69.28	108.2	4.6	
4768	1982	01	16	04 08 16.0	18.25	69.29	139.6		
4769	1982	01	16	15 38 33.2	13.02	73.96	33.0A		
4770	1982	01	22	22 43 56.2	1.20	77.20	254.0	4.9	
4771	1982	01	26	06 46 44.6	19.81	69.71	106.9	4.6	
4772	1982	01	27	17 14 28.0	7.06	74.44	161.0D	5.1	
4773	1982	01	29	02 28 28.3	18.56	71.27	33.0A		
4774	1982	01	30	07 30 22.7	16.16	72.74	33.0N		
4775	1982	02	02	07 11 29.2	8.74	74.51	33.0A		
4776	1982	02	02	09 36 14.1	13.02	76.95	33.0A		
4777	1982	02	03	00 37 48.3	2.27	79.17	92.8	5.0	
4778	1982	02	03	06 55 8.5	13.74	74.57	33.0A		
4779	1982	02	04	04 15 1.2	13.15	74.14	33.0A		
4780	1982	02	04	18 57 43.6	4.99	77.51	33.0N	5.3	4.0 ISC
4781	1982	02	05	05 14 36.0	8.12	74.40	161.6	4.9	
4782	1982	02	08	06 03 0.9	16.89	74.20	33.0N		
4783	1982	02	09	07 39 37.4	16.61	74.37	33.0N		
4784	1982	02	12	09 30 56.9	15.56	73.06	158.2		
4785	1982	02	13	07 22 33.8	11.94	75.55	33.0A		
4786	1982	02	13	09 01 1.7	10.84	78.74	33.0N	4.8	
4787	1982	02	14	12 54 23.8	14.30	72.39	170.3		
4788	1982	02	18	04 37 39.2	16.16	74.73	33.0A		
4789	1982	02	18	17 27 16.9	14.50	75.19	27.2A		
4790	1982	02	23	08 27 13.9	14.19	74.33	33.0N		
4791	1982	02	24	09 57 49.2	8.95	74.59	240.5	4.2	
4792	1982	02	24	15 41 10.7	14.68	75.19	33.0N		
4793	1982	02	24	16 00 29.4	15.28	74.44	33.0N		
4794	1982	02	24	16 48 16.3	11.44	76.39	33.0N		

## EARTHQUAKE CATALOG OF PERU

I-113

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4795	1982	02	25	01	23	57.2	13.79	74.76	33.0N		
4796	1982	02	27	22	09	52.2	12.22	77.02	33.0N		
4797	1982	03	01	01	34	13.1	7.58	76.71	146.0	4.7	
4798	1982	03	03	03	30	28.8	14.42	76.26	0.0A		
4799	1982	03	03	20	54	2.4	6.83	76.10	121.9	4.7	
4800	1982	03	03	21	30	29.7	4.65	81.02	223.7		
4801	1982	03	06	01	27	31.5	1.38	77.69	194.0	4.7	
4802	1982	03	07	18	49	38.3	15.35	73.15	118.7		
4803	1982	03	07	23	47	17.7	10.79	75.13	33.0A		
4804	1982	03	08	09	38	27.5	12.31	79.08	33.0A	4.1	
4805	1982	03	09	17	12	16.6	17.46	69.56	166.7	4.9	
4806	1982	03	10	07	05	48.6	13.84	76.71	0.0A		
4807	1982	03	11	20	13	4.8	17.05	72.00	10.0G	5.1	4.3 Z
4808	1982	03	13	20	11	27.2	17.15	71.99	33.0A	4.4	
4809	1982	03	14	07	22	19.4	17.44	72.09	33.0A		
4810	1982	03	16	04	30	16.1	16.36	73.46	33.0A		
4811	1982	03	19	03	05	18.0	5.77	75.32	33.0N		
4812	1982	03	22	21	44	9.3	19.88	68.74	126.0D	5.1	
4813	1982	03	22	23	28	42.8	16.32	75.53	33.0A		
4814	1982	03	23	01	58	40.3	17.39	69.67	171.1	4.7	
4815	1982	03	23	05	10	7.3	12.40	77.67	57.0D	5.1	3.9 ISC
4816	1982	03	25	18	34	35.6	15.16	71.72	166.0		
4817	1982	03	27	11	13	30.0	6.78	82.72	33.0N	4.7	
4818	1982	03	28	01	29	27.6	4.44	81.26	33.0A	4.5	
4819	1982	03	28	23	24	51.1	12.69	76.07	95.0D	6.1	
4820	1982	04	01	16	11	55.4	18.35	71.38	45.2	5.2	4.0 ISC
4821	1982	04	02	03	57	20.1	13.88	76.23	0.0A	5.1	3.5
4822	1982	04	05	09	51	30.5	12.92	76.26	82.8		
4823	1982	04	06	04	37	30.7	14.03	76.07	33.0A		
4824	1982	04	07	11	52	3.0	2.50	78.56	87.9	5.2	
4825	1982	04	11	12	21	30.0	2.95	78.64	33.0N	5.4	4.2 ISC
4826	1982	04	12	09	12	23.1	6.76	77.06	183.6	3.8	
4827	1982	04	15	04	25	46.8	15.14	74.25	113.7		
4828	1982	04	15	07	01	37.0	10.51	75.24	33.0N		
4829	1982	04	15	21	45	56.6	12.81	77.47	33.0N		
4830	1982	04	16	18	05	7.9	17.04	73.10	25.3	5.0	4.9 Z
4831	1982	04	17	04	29	24.3	2.33	78.28	33.0N	4.4	
4832	1982	04	18	09	33	50.2	14.06	76.67	33.0A		
4833	1982	04	18	14	15	57.1	5.62	77.54	61.0D	4.6	
4834	1982	04	18	17	49	15.7	10.49	75.55	33.0A		
4835	1982	04	18	18	43	8.1	11.79	76.05	133.0	4.5	
4836	1982	04	19	04	38	43.8	14.96	73.69	110.7	4.5	
4837	1982	04	20	12	36	48.8	18.12	69.32	182.9		

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4838	1982	04	21	02	12	19.0	9.48	78.82	64.0D	5.2	4.2 ISC
4839	1982	04	22	03	31	14.0	15.42	74.30	33.0A		
4840	1982	04	22	04	10	14.6	17.67	76.91	33.0N		
4841	1982	04	25	14	39	14.3	11.17	78.57	33.0N	4.9	
4842	1982	04	28	09	56	30.7	2.92	78.79	33.0A	4.1	
4843	1982	04	28	18	03	2.6	14.28	75.64	33.0A		
4844	1982	05	03	03	27	17.7	13.49	76.11	70.0	5.4	
4845	1982	05	05	06	40	44.4	15.83	74.20	33.0A		
4846	1982	05	08	01	25	15.2	1.69	78.01	171.0	4.9	
4847	1982	05	08	05	12	19.6	16.00	75.44	33.0N	4.3	
4848	1982	05	08	06	19	2.1	2.04	79.71	97.3	4.9	
4849	1982	05	09	11	07	43.3	16.48	74.74	33.0A		
4850	1982	05	12	09	09	15.4	17.77	73.78	33.0N		
4851	1982	05	14	06	21	59.9	1.45	78.03	164.7	4.0	
4852	1982	05	20	12	10	50.2	1.57	78.01	169.0D	5.1	
4853	1982	05	23	08	36	29.1	17.11	69.66	184.1		
4854	1982	05	23	23	47	24.2	17.56	70.37	123.1		
4855	1982	05	24	20	24	35.6	11.65	74.19	33.0N		
4856	1982	05	25	02	57	35.3	12.76	75.22	33.0A		
4857	1982	05	25	05	19	1.8	5.47	77.44	17.0D	4.9	
4858	1982	05	25	19	24	8.7	18.00	71.29	83.4		
4859	1982	05	27	09	48	20.1	15.63	73.20	33.0A		
4860	1982	05	28	02	15	37.2	14.71	74.41	33.0A		
4861	1982	05	28	21	10	26.6	13.55	76.37	33.0A		
4862	1982	06	02	17	33	4.0	16.73	73.99	33.0N	4.8	
4863	1982	06	02	22	47	43.6	14.09	76.36	46.1	5.0	4.3 ISC
4864	1982	06	03	06	43	50.8	18.89	68.02	184.8	5.2	
4865	1982	06	04	01	32	7.4	18.69	70.83	33.0A	4.8	3.6
4866	1982	06	07	09	47	48.3	16.56	72.81	111.7	4.2	
4867	1982	06	09	22	38	45.3	16.09	72.04	130.4	4.5	
4868	1982	06	12	03	22	51.7	14.55	76.08	0.0A		
4869	1982	06	12	12	57	26.0	15.44	73.40	102.7	4.5	
4870	1982	06	15	20	26	18.9	11.44	76.67	33.0A		
4871	1982	06	18	09	51	34.5	14.31	73.81	33.0A		
4872	1982	06	19	02	06	53.8	9.70	71.15	651.8		
4873	1982	06	26	01	30	51.8	15.17	76.46	33.0A	4.8	3.7
4874	1982	06	27	20	50	22.3	14.84	76.35	33.0N	4.4	
4875	1982	06	31	00	33	11.0	4.47	78.39	33.0A		
4876	1982	07	01	00	32	59.7	4.55	80.33	100.1	4.5	
4877	1982	07	01	02	56	27.2	18.68	69.40	148.7	5.0	
4878	1982	07	06	05	15	22.1	19.36	69.52	113.9		
4879	1982	07	06	06	47	43.5	16.28	74.59	33.0A		
4880	1982	07	10	06	58	34.9	15.87	70.71	222.9		



## EARTHQUAKE CATALOG OF PERU

I-115

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
4881	1982 07 11	02 13 37.7	16.65	73.21	38.7	5.3	5.2 Z
4882	1982 07 11	17 42 31.5	14.02	76.06	33.0N		
4883	1982 07 11	22 37 16.9	12.95	75.34	33.0A		
4884	1982 07 12	15 05 27.4	17.15	73.27	52.4	5.1	
4885	1982 07 13	01 56 12.6	12.75	78.22	33.0N	4.5	
4886	1982 07 14	09 17 0.8	12.06	76.71	56.6		
4887	1982 07 20	04 15 44.3	0.71	78.60	58.6		
4888	1982 07 21	22 11 3.5	13.22	75.09	98.6	5.1	
4889	1982 07 25	01 23 39.0	12.00	74.17	33.0N		
4890	1982 07 25	04 06 53.8	12.73	81.03	33.0N		
4891	1982 07 25	07 10 40.4	13.09	76.88	33.0N		
4892	1982 07 25	19 22 35.2	3.37	80.59	42.0D	4.7	
4893	1982 07 26	19 02 36.3	18.63	69.25	33.0A		
4894	1982 07 26	19 58 23.0	18.66	69.19	33.0A		
4895	1982 07 30	07 09 15.4	11.94	76.36	33.0N		
4896	1982 07 31	09 19 40.7	15.96	74.66	33.0N		
4897	1982 07 31	21 07 41.4	13.84	72.44	33.0A		
4898	1982 08 02	09 38 45.1	15.55	74.58	33.0A		
4899	1982 08 02	09 59 12.7	13.47	70.51	33.0N	4.3	
4900	1982 08 03	00 49 52.0	15.93	71.32	78.7	4.9	
4901	1982 08 03	19 57 25.2	16.59	71.48	123.4	4.3	
4902	1982 08 04	20 02 43.1	12.26	76.48	122.5		
4903	1982 08 04	20 59 46.0	15.00	73.98	33.0A		
4904	1982 08 04	23 06 29.4	15.62	75.92	33.0A		
4905	1982 08 05	14 27 50.9	15.28	75.87	33.0N		
4906	1982 08 07	22 44 36.2	1.64	77.85	178.0	4.3	
4907	1982 08 08	03 43 48.0	16.51	72.45	109.2		
4908	1982 08 08	06 02 26.6	1.84	77.97	166.9	4.3	
4909	1982 08 09	04 50 38.6	15.23	71.04	164.4	4.8	
4910	1982 08 10	04 51 48.6	5.35	77.37	33.0N	5.5	4.5 ISC
4911	1982 08 10	05 20 12.3	12.95	76.28	87.8		
4912	1982 08 10	15 02 25.2	19.28	69.50	33.0A		
4913	1982 08 11	03 41 8.4	15.68	72.37	120.2		
4914	1982 08 12	08 27 6.3	6.68	75.79	33.0A	4.7	
4915	1982 08 12	08 27 29.0	8.46	75.38	33.0N		
4916	1982 08 12	12 41 41.5	14.17	73.39	151.0A		
4917	1982 08 12	23 53 16.9	16.36	74.68	33.0N		
4918	1982 08 14	22 45 8.9	15.06	73.48	33.0A		
4919	1982 08 15	06 11 16.0	10.06	76.35	106.1	5.5	
4920	1982 08 16	19 35 47.6	14.61	71.58	33.0A		
4921	1982 08 19	06 14 27.2	13.43	76.18	30.0A		
4922	1982 08 20	15 32 3.3	19.56	70.15	33.0A		
4923	1982 08 20	22 03 29.2	14.98	74.15	156.4		

I-116

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr mo dy	hr mn sec				mb	Ms
4924	1982 08 22	16 14 59.8	19.57	69.35	165.3		
4925	1982 08 23	08 38 42.6	14.95	73.94	45.9	4.5	3.7 ISC
4926	1982 08 23	10 59 17.3	15.01	74.05	33.0A		
4927	1982 08 24	05 32 22.3	14.92	73.92	33.0A		
4928	1982 08 25	11 27 26.7	14.86	73.69	33.0A		
4929	1982 08 26	05 22 59.7	2.69	79.87	70.0D	5.8	
4929						5.6 BRK	
4930	1982 08 27	15 14 53.3	14.90	74.66	33.0N		
4931	1982 08 28	11 58 51.3	15.90	71.52	151.2	4.8	
4932	1982 03 29	00 59 20.7	19.36	70.32	33.0N	5.1	4.5 Z
4933	1982 08 29	03 55 46.2	12.87	76.82	35.7		
4934	1982 08 29	04 10 48.9	11.97	75.70	100.0A		
4935	1982 08 30	02 37 29.6	13.99	76.51	33.0N		
4936	1982 08 31	10 39 25.2	12.58	75.78	33.0A		
4937	1982 09 01	02 03 46.9	18.89	69.91	33.0A		
4938	1982 09 02	04 51 59.3	15.55	75.30	33.0A		
4939	1982 09 03	05 55 24.8	8.73	80.20	33.0N	4.7	
4940	1982 09 04	21 32 30.7	12.76	71.78	33.0A		
4941	1982 09 05	04 33 59.3	17.10	72.75	33.0A		
4942	1982 09 07	10 54 19.5	12.85	76.67	60.5		
4943	1982 09 11	03 42 56.4	15.80	70.81	202.1		
4944	1982 09 11	08 01 41.1	7.58	75.56	40.0	4.8	
4945	1982 09 11	09 22 9.7	16.16	73.99	96.2	4.5	
4946	1982 09 12	16 57 56.2	6.98	80.31	33.0N	4.7	
4947	1982 09 13	06 07 31.2	15.02	76.96	33.0A		
4948	1982 09 15	20 22 55.3	14.49	70.79	128.3	6.0	
4948						6.3 BRK	
4949	1982 09 17	14 18 34.0	16.82	74.18	33.0A		
4950	1982 09 18	21 06 55.1	12.88	76.89	67.8		
4951	1982 09 22	07 53 39.2	1.76	77.36	185.6	4.5	
4952	1982 09 25	05 48 30.1	11.97	74.32	33.0A		
4953	1982 09 26	14 35 13.0	3.09	75.69	136.0D	4.7	
4954	1982 09 27	02 59 46.8	15.07	75.56	33.0N		
4955	1982 10 03	13 52 2.8	19.37	69.57	118.2	4.1	
4956	1982 10 03	19 08 35.3	13.31	76.66	33.0A		
4957	1982 10 04	07 17 32.4	12.42	76.01	91.9		
4958	1982 10 04	16 45 49.2	15.08	72.09	164.4		
4959	1982 10 05	02 01 40.4	17.03	74.68	33.0N	4.6	
4960	1982 10 05	20 40 5.9	12.68	77.24	33.0A		
4961	1982 10 06	01 45 18.6	14.86	73.07	125.0A		
4962	1982 10 06	23 23 43.8	19.32	70.25	68.0D	5.1	
4963	1982 10 08	01 14 3.3	15.12	72.27	131.2		
4964	1982 10 09	03 11 20.8	15.36	74.86	33.0A		

## EARTHQUAKE CATALOG OF PERU

I-117

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4965	1982	10	10	05	55	46.3	18.45	69.73	144.8		
4966	1982	10	10	08	53	57.3	15.03	71.72	33.0N		
4967	1982	10	15	07	54	57.1	13.43	74.35	26.2	4.4	
4968	1982	10	16	00	12	45.1	14.16	73.00	87.0D	4.9	
4969	1982	10	16	11	12	15.5	16.20	73.78	34.0D	5.0	4.6 Z
4970	1982	10	16	15	42	31.2	12.32	75.70	33.0A		
4971	1982	10	17	07	39	12.3	6.01	82.45	33.0A	4.4	
4972	1982	10	17	08	35	25.3	15.67	73.04	114.0D	5.2	
4973	1982	10	18	12	04	44.0	12.82	75.35	20.5		
4974	1982	10	18	15	30	10.9	14.66	74.86	33.0A		
4975	1982	10	20	03	14	8.0	12.68	77.09	33.0N		
4976	1982	10	21	20	46	32.3	15.41	76.06	33.0A		
4977	1982	10	22	23	12	48.3	9.08	74.50	180.8	4.0	
4978	1982	10	23	00	20	59.3	12.98	74.52	33.0N		
4979	1982	10	23	05	56	41.3	15.49	70.40	214.2	4.3	
4980	1982	10	23	08	32	13.2	12.36	75.39	108.2		
4981	1982	10	23	15	37	6.8	19.78	69.58	147.7	4.7	
4982	1982	10	23	16	18	34.8	13.72	74.37	150.0A		
4983	1982	10	26	15	58	1.5	15.02	70.86	33.0N	5.2	
4984	1982	10	26	20	19	25.7	19.41	71.14	33.0A		
4985	1982	10	27	00	04	18.3	13.30	75.04	33.0N		
4986	1982	10	29	15	33	40.1	4.23	80.65	35.0D	5.3	4.1 Z
4987	1982	10	31	00	26	43.1	14.15	74.90	33.0A		
4988	1982	11	07	23	45	4.3	18.30	71.94	0.0A		
4989	1982	11	07	23	59	29.7	16.16	72.97	105.3		
4990	1982	11	10	08	17	42.5	9.53	75.28	33.0A		
4991	1982	11	12	13	32	31.8	14.34	75.13	33.0N		
4992	1982	11	13	17	17	19.4	12.13	76.66	0.0A		
4993	1982	11	14	12	55	29.8	15.11	71.79	138.7	4.6	
4994	1982	11	16	19	46	48.8	1.50	78.39	33.0A	4.7	
4995	1982	11	17	01	38	58.6	13.86	76.59	33.0N		
4996	1982	11	18	14	57	52.4	1.72	76.70	195.0D	6.0	
4996										6.4 PAS	
4996										6.1 BRK	
4997	1982	11	19	04	27	13.8	10.60	74.70	14.0D	6.3	6.3 Z
4997											6.6 BRK
4997											6.3 PAS
4998	1982	11	19	05	07	48.8	10.41	74.90	33.0N	4.7	
4999	1982	11	19	12	34	18.0	10.73	74.78	33.0N	5.1	
5000	1982	11	19	14	04	3.1	10.36	74.92	33.0N	4.4	
5001	1982	11	20	14	43	37.9	10.67	74.53	33.0N	4.2	
5002	1982	11	21	14	58	23.5	10.36	75.44	33.0A		
5003	1982	11	22	04	20	30.9	16.47	73.52	33.0N	4.9	3.9 Z
5004	1982	11	22	15	36	28.5	15.23	75.71	33.0A		

I-118

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5005	1982	11	23	06	56	14.9	11.11	75.37	119.8	4.6	
5006	1982	11	23	08	19	21.3	10.43	74.93	36.3	4.9	
5007	1982	11	26	15	55	13.7	10.91	74.18	33.0N		
5008	1982	11	26	23	56	43.7	0.18	77.86	108.1	4.5	
5009	1982	11	27	15	02	54.8	10.74	74.45	33.0N	4.5	
5010	1982	11	29	15	39	6.7	18.32	69.56	115.0D	5.3	
5011	1982	11	29	22	55	24.0	13.10	80.05	33.0N	4.9	
5012	1982	11	30	22	11	43.0	8.37	74.30	162.1	5.1	
5013	1982	12	02	08	41	6.0	10.84	74.57	54.2	4.9	
5014	1982	12	05	16	33	32.6	19.50	69.33	131.7		
5015	1982	12	05	23	43	50.0	17.03	73.00	33.0A		
5016	1982	12	06	08	47	56.8	18.51	68.88	149.8	4.7	
5017	1982	12	09	10	23	43.4	18.04	73.02	33.0A		
5018	1982	12	11	04	44	0.0	10.50	74.89	33.0N	4.8	
5019	1982	12	11	08	48	9.0	16.61	74.82	33.0A		
5020	1982	12	11	18	27	43.5	19.72	69.42	120.4	5.0	
5021	1982	12	12	10	42	49.6	15.56	70.68	212.2	4.9	
5022	1982	12	13	09	46	10.8	11.42	75.67	33.0A		
5023	1982	12	14	06	26	23.5	11.52	75.70	33.0N		
5024	1982	12	16	14	07	35.6	14.38	70.54	175.1	5.2	
5025	1982	12	18	05	24	14.2	10.74	74.77	33.0N	4.6	
5026	1982	12	18	10	15	6.2	6.39	75.69	33.0N	5.4	4.3 Z
5027	1982	12	20	07	28	12.8	16.30	73.51	86.7	4.6	
5028	1982	12	21	04	45	2.8	8.21	74.18	158.1	4.6	
5029	1982	12	21	11	30	51.8	11.42	74.16	133.4	4.5	
5030	1982	12	24	03	25	29.5	12.89	76.10	33.0N		
5031	1982	12	25	00	02	27.8	15.39	73.65	99.1	4.9	
5032	1982	12	25	15	22	15.5	16.93	73.75	33.0A		
5033	1982	12	26	18	05	35.2	13.81	74.70	33.0N		
5034	1982	12	28	08	06	33.5	18.91	69.59	52.0D	5.3	
5035	1982	12	30	13	05	47.6	19.79	69.48	113.6	4.7	
5036	1982	12	31	02	46	50.7	10.74	78.96	28.0D	5.0	3.9 Z
5037	1982	12	31	17	09	8.2	1.55	78.04	171.0D	4.6	
5038	1983	01	01	05	31	56.1	16.94	69.11	172.0D	5.7	
5038										6.2 PAS	
5038										5.7 BRK	
5039	1983	01	02	04	00	11.4	13.83	75.72	33.0N		
5040	1983	01	02	08	08	24.1	13.77	76.15	33.0N		
5041	1983	01	12	03	06	55.1	10.77	74.63	33.0N	5.0	
5042	1983	01	19	17	43	52.2	11.36	74.84	110.7		
5043	1983	01	24	20	58	54.0	15.59	75.51	33.0N	4.7	
5044	1983	01	31	12	27	19.8	8.42	74.22	115.3	4.8	
5045	1983	02	03	19	13	29.9	12.67	77.05	33.0N		

## EARTHQUAKE CATALOG OF PERU

I-119

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
5046	1983 02 10	14 29 37.0	9.70	74.43	136.5	4.9	
5047	1983 02 13	14 01 36.3	4.97	80.33	33.0N	4.4	
5048	1983 02 14	20 13 28.8	15.61	72.23	120.3		
5049	1983 02 16	13 57 24.0	12.36	78.07	11.6	5.0	
5050	1983 02 18	08 55 46.9	3.11	79.05	105.1	5.1	
5051	1983 02 18	23 24 9.5	13.93	76.44	33.0N	5.1	3.8 Z
5052	1983 02 19	07 43 1.5	12.33	76.72	33.0N		
5053	1983 02 21	00 53 31.0	15.14	76.20	33.0N	5.3	4.5 Z
5054	1983 02 25	22 49 54.7	18.27	69.44	146.0D	5.9	
5055	1983 02 26	05 47 38.9	12.87	76.14	33.0N		
5056	1983 02 26	09 36 14.3	16.88	72.23	33.0N		
5057	1983 02 27	01 20 26.4	4.01	76.40	126.6	4.2	
5058	1983 02 27	05 05 17.5	13.45	76.79	25.0D	5.5	4.7 Z
5059	1983 02 28	13 23 55.4	10.60	75.18	33.0N		
5060	1983 02 28	13 54 50.5	7.34	76.40	33.3	5.1	4.2 Z
5061	1983 03 01	05 56 19.4	11.79	73.75	71.9		
5062	1983 03 02	07 07 41.0	11.53	77.80	57.6	5.6	
5063	1983 03 11	08 07 8.3	16.16	70.48	195.7	4.3	
5064	1983 03 13	14 08 4.2	16.89	75.15	33.0N	4.4	
5065	1983 03 13	19 12 15.5	8.35	74.35	152.1	4.8	
5066	1983 03 15	11 27 42.6	8.17	80.00	33.0D	5.5	5.4 Z
5067	1983 03 20	01 56 37.0	10.50	74.87	9.6	5.4	4.8 Z
5068	1983 03 21	01 02 51.6	3.81	77.94	65.7	4.6	
5069	1983 03 27	18 59 34.1	13.97	74.96	33.0N		
5070	1983 03 31	04 34 21.8	10.98	75.50	33.0N		
5071	1983 04 01	02 35 45.0	19.87	68.79	94.8	5.0	
5072	1983 04 04	02 01 10.4	5.58	78.78	52.7	4.7	
5073	1983 04 08	07 19 3.5	10.82	78.29	33.0N	4.8	
5074	1983 04 10	11 29 52.2	17.34	70.66	122.8	4.5	
5075	1983 04 10	12 50 19.8	18.13	69.29	153.7		
5076	1983 04 12	12 07 54.5	4.84	78.10	104.2	6.5	
5076						6.7 BRK	
5076						6.6 PAS	
5077	1983 04 13	00 14 52.7	10.71	75.27	33.0N	4.7	
5078	1983 04 13	09 08 44.3	19.98	69.04	104.5	4.1	
5079	1983 04 13	15 00 33.8	4.47	81.98	33.0N	4.9	4.7 Z
5080	1983 04 14	03 49 7.6	17.29	72.23	33.0N		
5081	1983 04 15	10 08 20.5	5.98	75.66	118.0	5.6	
5082	1983 04 15	13 25 36.1	3.71	78.67	120.0G	4.8	
5083	1983 04 20	02 45 34.0	19.13	69.57	121.0D	4.8	
5084	1983 04 21	03 27 54.5	16.50	73.47	62.8	5.1	
5085	1983 04 21	19 40 55.0	9.17	75.36	107.6	4.5	
5086	1983 04 22	21 17 29.8	17.69	69.32	183.3		

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
5087	1983	04	23	04 56 34.6	12.76	75.27	33.0N		
5088	1983	04	23	12 46 44.9	13.35	76.42	33.0N		
5089	1983	04	27	06 56 34.2	18.27	70.14	33.0N		
5090	1983	04	27	21 06 0.9	1.82	77.68	32.8	4.9	
5091	1983	04	28	05 13 5.7	16.17	74.16	67.7	5.2	
5092	1983	05	06	11 50 16.7	18.67	69.80	102.3	4.9	
5093	1983	05	13	03 03 29.9	12.78	76.83	84.6		
5094	1983	05	14	15 41 19.9	15.97	73.74	33.0N		
5095	1983	05	15	14 11 38.4	18.66	70.85	50.6	4.2	
5096	1983	05	15	14 50 0.1	16.01	73.21	82.9	5.0	
5097	1983	05	21	19 27 56.5	10.59	74.80	15.0D	5.3	4.4 Z
5098	1983	05	21	20 05 14.6	10.60	74.79	18.0D	5.1	4.3 Z
5099	1983	05	21	20 21 14.8	10.56	74.88	18.0D	4.8	
5100	1983	05	22	05 39 43.3	12.36	75.31	33.0N		
5101	1983	05	23	00 54 11.9	19.07	69.14	110.0D	5.5	
5102	1983	06	01	12 23 50.3	2.45	79.35	57.2	4.9	
5103	1983	06	02	20 12 50.7	9.51	71.25	598.6	5.9	
5103								6.2	PAS
5104	1983	06	03	04 49 44.1	18.25	69.70	132.6	4.8	
5105	1983	06	12	15 24 26.0	3.80	80.84	57.2	4.4	
5106	1983	06	18	01 21 0.9	15.78	72.48	131.9	4.8	
5107	1983	06	18	18 11 7.8	15.45	76.12	33.0N		
5108	1983	06	20	23 45 8.1	13.25	76.54	78.4	4.8	
5109	1983	06	21	09 23 55.9	8.58	74.34	149.3	5.2	
5110	1983	06	21	15 42 39.3	15.75	73.86	131.8		
5111	1983	06	21	19 00 32.8	13.40	76.81	33.0N		
5112	1983	06	22	08 08 12.6	15.17	72.74	33.0N	4.9	
5113	1983	06	25	19 00 29.7	8.68	80.00	26.9	5.1	4.3 Z
5114	1983	06	26	05 39 41.3	17.71	69.87	137.3	4.8	
5115	1983	06	29	16 51 44.2	15.47	75.70	33.0N		
5116	1983	07	08	02 03 12.7	19.85	70.59	33.8	5.4	
5117	1983	07	15	20 16 57.1	17.57	71.36	94.6	4.9	
5118	1983	07	21	02 33 28.5	8.56	74.66	154.1	4.7	
5119	1983	07	21	06 46 2.9	1.22	80.91	34.4D	5.0	4.5 Z
5120	1983	07	21	07 03 31.4	1.15	80.74	33.0N	4.8	
5121	1983	07	22	07 16 4.0	8.72	80.84	33.0N	4.6	
5122	1983	07	22	12 51 33.3	19.30	69.27	134.1	4.7	
5123	1983	07	30	09 47 38.9	13.07	75.17	83.5	5.1	
5124	1983	08	02	01 15 48.0	15.46	71.92	152.4		
5125	1983	08	04	07 44 25.4	4.02	76.58	99.4	4.9	
5126	1983	08	06	14 20 43.7	5.69	80.02	33.0N	4.7	
5127	1983	08	09	19 19 58.5	8.35	79.83	33.0N	5.2	
5128	1983	08	17	22 15 40.9	16.42	73.62	33.0N	4.2	

## EARTHQUAKE CATALOG OF PERU

I-121

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5129	1983	08	18	20	15	46.3	14.93	75.08	64.2D	5.2	
5130	1983	08	19	09	23	22.2	17.06	72.53	64.5	4.5	
5131	1983	08	21	15	47	17.2	4.98	76.01	129.9D	4.6	
5132	1983	08	22	08	50	0.4	18.17	70.37	90.3	4.1	
5133	1983	08	25	08	41	12.7	17.94	71.99	33.0N		
5134	1983	09	01	19	24	22.1	8.78	79.65	33.0N	4.7	
5135	1983	09	01	20	01	47.1	17.33	69.93	105.3D	6.0	
5136	1983	09	08	04	34	50.2	1.57	77.79	191.9	4.4	
5137	1983	09	10	09	12	58.8	18.05	69.58	137.1	4.9	
5138	1983	09	14	08	35	17.2	3.67	79.25	94.0	5.6	
5139	1983	09	15	01	35	49.4	17.49	70.83	129.6		
5140	1983	09	20	02	13	56.9	8.03	76.62	132.0	4.4	
5141	1983	09	21	10	27	56.8	18.98	69.12	111.6D	5.3	
5142	1983	09	24	00	43	39.2	8.35	74.17	157.0D	4.7	
5143	1983	09	24	06	05	10.1	14.13	72.72	112.3	4.6	
5144	1983	09	24	22	21	7.9	18.35	69.56	162.2		
5145	1983	10	11	10	05	36.7	3.73	79.07	86.1	5.1	
5146	1983	10	16	00	07	44.5	10.93	74.78	23.1	4.4	
5147	1983	10	17	12	53	59.9	3.76	77.59	105.3	4.8	
5148	1983	10	20	11	35	18.4	12.47	73.00	162.9	4.3	
5149	1983	10	21	17	48	27.5	16.59	72.08	106.0		
5150	1983	10	24	00	36	6.5	12.85	76.66	48.3D	5.6	4.9 Z
5151	1983	11	01	09	54	32.1	11.32	77.99	81.4	4.9	
5152	1983	11	02	04	58	52.5	17.89	69.09	164.6	4.4	
5153	1983	11	03	07	41	11.5	4.01	79.42	92.8D	5.9	
5154	1983	11	04	16	33	43.5	19.25	69.46	142.0	4.8	
5155	1983	11	08	06	52	46.3	3.82	79.13	96.8	4.6	
5156	1983	11	12	13	53	32.7	15.73	74.11	71.3D	5.3	
5157	1983	11	13	22	38	45.7	5.59	77.06	29.2	5.0	3.9 Z
5158	1983	11	14	21	27	57.8	20.00	68.93	143.1		
5159	1983	11	17	08	09	9.4	13.50	77.08	33.0N		
5160	1983	11	18	05	03	5.4	16.44	69.89	209.8		
5161	1983	11	22	15	15	15.0	5.01	78.11	25.6	5.2	
5162	1983	11	23	08	12	15.0	15.09	75.55	54.4	5.1	4.9 Z
5163	1983	11	25	22	56	25.9	3.77	76.31	114.7D	5.5	
5164	1983	11	27	17	48	3.7	4.89	76.16	111.0D	4.8	
5165	1983	11	29	11	45	10.7	17.49	70.35	129.4	4.7	
5166	1983	12	03	18	39	50.6	17.59	69.50	176.2		
5167	1983	12	10	04	51	42.8	17.28	69.79	157.6	4.5	
5168	1983	12	10	12	46	3.8	13.47	76.09	104.2	4.5	
5169	1983	12	11	16	12	0.4	13.84	77.19	33.0N	5.0	
5170	1983	12	16	09	11	51.4	10.17	74.99	37.6D	5.0	
5171	1983	12	19	06	26	2.6	15.40	74.54	63.6D	5.4	

I-122

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
5172	1983	12	19	15 26 53.6	18.72	71.38	33.0N		
5173	1983	12	20	11 37 15.7	14.38	73.67	94.3	4.7	
5174	1983	12	23	06 45 31.2	19.40	69.29	120.4	4.8	
5175	1983	12	23	12 41 45.6	19.22	69.40	127.5	5.0	
5176	1983	12	24	08 35 38.0	2.16	78.77	33.0N	4.5	
5177	1983	12	25	05 32 40.2	5.09	73.36	33.0N	5.4	
5178	1983	12	30	09 31 55.4	2.09	77.68	33.0N	4.6	
5179	1983	12	30	15 48 19.3	16.88	72.71	58.9	4.6	
5180	1984	01	04	10 10 54.1	17.17	69.29	178.0	5.0	
5181	1984	01	13	02 29 1.0	3.86	78.49	102.9	5.8	
5182	1984	01	14	13 34 4.8	11.55	74.31	97.3	4.9	
5183	1984	01	16	06 05 29.4	15.88	73.11	128.7	4.4	
5184	1984	01	16	08 52 24.7	15.85	72.98	114.0		
5185	1984	01	17	03 32 7.6	8.87	71.36	614.1	5.3	
5186	1984	01	17	16 19 3.4	3.90	81.43	18.2	5.9	4.9 Z
5187	1984	01	26	19 30 58.0	12.24	76.85	57.8D	5.3	
5188	1984	02	05	15 41 10.0	19.62	69.59	149.9		
5189	1984	02	08	14 20 12.9	7.26	76.47	33.9	5.0	
5190	1984	02	09	01 19 9.0	12.84	76.04	83.7	5.4	
5191	1984	02	09	04 31 17.7	14.16	76.19	33.0N	5.4	4.7 Z
5192	1984	02	21	03 20 45.0	1.54	81.06	33.0N	4.7	
5193	1984	02	21	03 38 33.0	1.53	80.93	33.0N	4.9	
5194	1984	02	22	05 16 26.8	4.03	80.81	37.1D	4.5	
5195	1984	02	26	08 18 19.8	17.32	70.53	113.1D	5.8	
5196	1984	02	28	01 09 9.4	17.68	70.70	135.9	4.2	
5197	1984	03	06	21 40 4.9	5.31	77.27	120.0	4.8	
5198	1984	03	11	07 43 49.0	6.45	76.09	33.0N	4.8	
5199	1984	03	18	12 10 35.2	15.30	71.68	124.6		
5200	1984	03	24	21 28 43.3	10.93	78.60	46.9D	4.8	
5201	1984	03	28	13 38 30.6	15.54	72.73	119.1D	4.9	
5202	1984	04	03	05 04 33.0	16.03	73.09	95.5	5.1	
5203	1984	04	08	22 35 7.8	15.88	71.90	118.1	5.1	
5204	1984	04	15	21 26 32.3	3.68	77.79	109.6D	5.5	
5205	1984	04	22	13 21 13.2	13.97	74.27	33.0N	4.6	3.8 Z
5206	1984	04	22	18 57 37.8	0.53	78.05	33.0N	4.6	
5207	1984	04	25	11 15 11.0	17.88	70.82	86.5	5.1	
5208	1984	04	28	20 12 6.3	1.78	78.10	47.4D	5.6	4.9 Z
5209	1984	04	28	21 43 47.0	2.08	78.69	33.0N	4.9	
5210	1984	05	03	10 02 15.2	9.61	74.44	34.4D	4.8	
5211	1984	05	03	14 43 53.0	13.92	76.33	33.0N		
5212	1984	05	03	15 51 57.3	17.38	70.26	33.0N	4.8	
5213	1984	05	05	22 48 55.2	12.64	77.98	33.0N	5.0	
5214	1984	05	05	23 16 49.6	18.49	69.71	147.8		



## EARTHQUAKE CATALOG OF PERU

I-123

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
5215	1984	05	08	18 54 26.2	17.69	69.32	161.3	4.9	
5216	1984	05	08	16 15 56.0	11.03	76.65	109.7	4.7	
5217	1984	05	09	17 44 4.3	8.77	74.35	186.3	4.5	
5218	1984	05	11	23 55 43.4	19.18	69.49	156.4	4.8	
5219	1984	05	13	23 53 29.6	3.94	80.83	34.7D	5.3	
5220	1984	05	14	03 20 15.8	14.99	71.48	177.1	4.8	
5221	1984	05	22	23 56 45.6	2.40	77.01	151.4	4.8	
5222	1984	05	25	02 57 53.2	3.73	77.12	115.9	4.5	
5223	1984	05	25	08 10 41.3	19.64	69.12	136.0	4.8	
5224	1984	05	30	16 45 27.9	15.51	74.56	28.7	4.9	
5225	1984	06	03	04 10 26.9	7.80	76.78	33.9	5.3	
5226	1984	06	05	04 15 24.4	7.82	76.71	33.0N	5.8	5.1 Z
5226									5.1 BRK
5227	1984	06	05	22 33 20.1	7.75	76.70	33.0N	5.0	
5228	1984	06	08	10 05 21.9	5.07	80.11	106.0	4.9	
5229	1984	06	12	15 40 9.1	17.98	69.79	152.4		
5230	1984	06	13	05 47 7.1	1.81	80.26	47.7D	4.8	3.1 Z
5231	1984	06	14	08 08 23.0	7.28	76.72	33.0N	4.6	
5232	1984	06	18	11 20 17.9	15.70	72.49	116.8D	5.8	
5233	1984	06	21	17 22 32.7	19.28	70.40	110.5		
5234	1984	06	26	16 47 36.0	8.67	74.40	156.3		
5235	1984	06	27	04 00 10.6	19.02	68.47	73.4	4.7	
5236	1984	06	30	11 39 15.3	2.05	79.02	79.3		
5237	1984	07	03	08 44 18.3	9.11	79.43	30.1	4.7	
5238	1984	07	11	06 09 41.7	6.51	77.04	47.5	4.9	
5239	1984	07	17	10 34 36.0	19.26	69.37	109.5		
5240	1984	07	22	21 00 37.6	14.92	71.74	33.0N		
5241	1984	07	24	11 49 58.4	8.43	74.73	132.8D	5.3	
5242	1984	07	27	22 53 14.4	15.71	71.41	160.2D	4.7	
5243	1984	07	29	06 02 29.1	5.29	76.60	36.8	4.4	
5244	1984	07	29	14 06 57.9	16.09	75.29	75.2	4.9	
5245	1984	07	30	05 14 19.2	8.35	79.64	174.1	4.3	
5246	1984	07	30	07 19 41.9	8.54	75.02	142.9	4.1	
5247	1984	08	01	15 16 40.3	9.39	78.85	65.4	5.2	
5248	1984	08	03	09 05 8.9	16.64	73.58	43.3	4.8	
5249	1984	08	07	19 13 51.9	10.91	79.03	33.0N	4.9	
5250	1984	08	09	02 00 40.9	8.33	74.54	217.5		
5251	1984	08	18	00 33 3.3	14.18	73.57	33.0N		
5252	1984	08	18	16 38 26.8	7.72	77.02	139.0		
5253	1984	08	18	16 51 38.7	18.10	71.14	41.7D	5.1	
5254	1984	08	23	08 36 42.7	15.09	72.08	129.4	4.5	
5255	1984	08	26	00 22 51.6	16.23	69.51	224.8D	5.2	
5256	1984	08	26	08 27 43.8	18.89	69.61	33.0N		

I-124

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5257	1984	08	28	00	01	18.9	16.65	71.31	33.0N		
5258	1984	08	31	18	05	1.0	11.28	74.38	33.0N	5.1	4.8 Z
5259	1984	09	03	17	15	41.9	14.82	72.34	107.4	5.1	
5260	1984	09	12	19	17	51.6	15.77	71.89	138.0D	5.1	
5261	1984	09	20	09	53	46.0	15.06	73.50	107.6	5.2	
5262	1984	09	30	21	31	15.1	8.70	74.39	152.1	5.2	
5263	1984	10	03	23	55	20.1	6.21	75.84	50.6D	5.3	
5264	1984	10	17	00	20	44.3	15.98	69.53	220.1D	5.0	
5265	1984	10	22	11	43	51.6	16.87	73.20	33.0N	4.8	
5266	1984	11	16	06	55	0.5	13.90	76.10	54.5D	5.5	
5267	1984	11	20	14	26	28.1	3.03	80.40	33.0N	4.8	
5268	1984	11	23	18	40	11.8	8.16	76.13	99.1	5.9	
5269	1984	12	02	15	50	58.4	16.97	72.90	62.2	4.6	
5270	1984	12	10	10	22	4.9	14.86	75.33	56.4	5.4	
5271	1984	12	13	19	36	2.7	7.25	77.38	97.0	5.0	
5272	1984	12	14	07	58	34.3	16.90	73.25	33.0N	4.8	
5273	1984	12	14	17	04	29.6	19.59	69.62	171.9		
5274	1984	12	16	02	28	56.4	19.19	69.84	112.8		
5275	1984	12	24	13	36	44.6	9.53	71.42	543.9D	5.2	
5276	1984	12	27	08	07	44.6	1.43	77.84	190.4	4.8	
5277	1984	12	29	09	41	57.3	15.63	73.32	112.8		

**TABLE II.**

Chronological listing of instrumentally located earthquakes which occurred from 1900 through 1984 (Time-Distribution).

**TABLA II.**

Listado cronológico de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984 (Distribución Temporal).

## EARTHQUAKE CATALOG OF PERU

II-1

NO.	DATE yr mo dy	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
1	1901 01 07	2.00	82.00	CFR					
2	1906 09 28	2.00	79.00	G-R	CCC				
3	1911 04 28	0.00	71.00	G-R	CCC				
4	1913 08 06	17.00	74.00	G-R					
5	1915 04 23	8.00	68.00	G-R	CCB				
6	1915 06 06	18.50	68.50	G-R	BBB				
7	1919 05 23	8.20	79.30	ISS					
8	1919 07 24	1.50	76.00	ISS					
9	1919 10 27	16.00	69.50	ISS					
10	1920 02 28	12.00	69.00	ISS					
11	1920 08 13	20.00	68.00	G-R	CCB				
12	1920 10 07	12.00	69.00	ISS					
13	1921 01 09	14.00	74.50	ISS					
14	1921 10 20	18.50	68.00	G-R	BAC				
15	1921 11 02	12.00	78.50	ISS					
16	1921 12 18	2.50	71.00	G-R	BBB				
17	1922 01 06	19.00	76.00	ISS					
18	1922 01 06	16.50	73.00	G-R					
19	1922 01 06	19.00	76.00	ISS					
20	1922 01 17	2.50	71.00	G-R	CBB				
21	1922 04 06	14.00	77.00	ISS					
22	1922 04 06	14.00	77.00	ISS					
23	1922 08 21	12.00	69.00	ISS					
24	1922 09 04	10.50	69.50	G-R	BAB				
25	1922 09 19	18.00	73.00	ISS					
26	1922 09 19	18.00	73.00	ISS					
27	1922 10 11	16.00	72.50	G-R					
28	1923 09 02	16.00	68.50	G-R	BBB				
29	1923 09 09	0.00	75.00	ISS					
30	1923 09 09	5.00	80.00	ISS					
31	1924 01 26	1.50	76.00	ISS					
32	1924 03 10	2.80	74.50	ISS					
33	1924 03 11	4.00	82.00	G-R					
34	1924 03 16	2.00	72.00	ISS					
35	1924 07 22	2.00	80.00	G-R	BBA				
36	1925 01 05	14.00	73.50	G-R	CCC				
37	1925 03 16	18.00	73.00	ISS					
38	1925 06 23	0.00	77.00	G-R	BCB				
39	1925 09 12	8.00	75.00	ISS					
40	1925 10 25	18.00	73.00	ISS					
41	1925 11 06	13.00	74.50	ISS					
42	1925 11 17	10.00	79.00	ISS					
43	1925 12 27	6.50	81.50	ISS					

## II-2

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
44	1926 03 07	9.50	84.00	ISS					
45	1926 03 07	5.00	76.50	G-R	CCC				
46	1926 03 11	10.00	74.00	ISS					
47	1926 06 05	17.00	78.50	ISS					
48	1926 07 01	5.00	81.50	ISS					
49	1926 07 14	2.50	71.00	ISS					
50	1927 01 11	15.00	78.30	ISS					
51	1927 03 13	6.00	81.50	G-R					
52	1927 04 06	10.00	70.00	G-R	CDC				
53	1927 06 10	1.00	79.00	ISS					
54	1927 07 14	8.80	82.30	ISS					
55	1927 10 19	1.50	76.00	ISS					
56	1927 10 21	8.20	79.30	ISS					
57	1927 11 21	9.20	80.00	ISS					
58	1928 01 18	14.00	77.00	ISS					
59	1928 03 23	18.00	73.00	ISS					
60	1928 04 09	13.00	69.50	G-R					
61	1928 04 27	13.00	69.50	G-R					
62	1928 05 14	5.00	78.00	G-R					
63	1928 05 15	5.00	78.00	ISS					
64	1928 05 16	4.00	77.50	ISS					
65	1928 05 17	11.40	74.50	ISS					
66	1928 05 21	5.00	78.00	ISS					
67	1928 05 26	5.00	78.00	ISS					
68	1928 07 03	1.50	76.00	ISS					
69	1928 07 18	5.50	79.00	G-R					
70	1928 09 15	5.00	80.00	ISS					
71	1928 09 21	15.00	70.50	G-R	BBA				
72	1928 10 19	15.30	73.00	ISS					
73	1929 05 01	5.00	78.50	ISS					
74	1929 05 25	8.50	75.50	G-R	BAA				
75	1929 09 16	11.20	82.00	ISS					
76	1929 11 12	18.50	70.00	ISS					
77	1930 06 25	16.00	75.00	CGS					
78	1930 06 25	14.50	76.00	ISS					
79	1930 08 04	9.50	70.50	G-R	AAA				
80	1930 11 24	2.00	77.00	G-R	CCC				
81	1931 02 09	15.30	75.80	ISS					
82	1931 04 03	9.25	79.00	G-R					
83	1931 06 15	14.50	75.50	G-R					
84	1931 07 11	8.50	74.50	G-R	ABC				
85	1931 09 21	8.80	82.30	ISS					
86	1932 01 20	12.00	77.50	G-R	BCC				

## EARTHQUAKE CATALOG OF PERU

11-3

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	Q1	CE	MMI	ISO FP	PE
87	1932 05 30	19.00	69.00	G-R	BBB				
88	1932 06 18	20.00	71.00	G-R	BCB				
89	1932 06 25	6.50	81.50	ISS					
90	1932 07 03	15.90	72.80	ISS					
91	1932 07 29	19.00	70.00	G-R	BAA				
92	1932 09 05	6.00	81.00	G-R					
93	1932 09 20	11.50	81.50	ISS					
94	1932 12 09	15.00	75.00	G-R	ABB				
95	1933 02 23	20.00	71.00	G-R					
96	1933 07 23	15.75	75.25	G-R	ABB				
97	1933 07 31	15.50	75.50	G-R	BBB				
98	1933 08 06	11.00	75.50	G-R	BCC				
99	1933 08 09	15.50	68.50	G-R	BBB				
100	1933 08 20	13.00	80.00	G-R					
101	1933 08 22	13.00	80.00	G-R					
102	1933 08 22	13.80	80.20	ISS					
103	1933 08 29	10.90	69.50	G-R	AAA				
104	1933 09 14	19.00	70.50	G-R	BCB				
105	1933 10 01	7.00	75.25	G-R	AAA				
106	1933 10 02	2.00	81.00	G-R		F			
107	1933 10 02	2.10	81.20	ISS					
108	1933 10 02	2.10	81.20	ISS					
109	1933 10 02	2.10	81.20	ISS					
110	1933 10 03	1.75	80.75	G-R					
111	1933 10 03	1.75	80.75	G-R					
112	1933 10 05	2.10	81.20	ISS					
113	1933 11 05	0.00	83.00	CGS*					
114	1933 11 05	0.00	83.00	ISS					
115	1933 12 29	5.00	81.50	ISS					
116	1933 12 31	20.00	70.20	ISS					
117	1934 05 11	19.50	71.00	G-R					
118	1934 05 24	4.00	73.00	CGS					
119	1934 10 29	5.00	78.00	G-R	BBB				
120	1934 12 04	19.50	69.50	G-R	BBC				
121	1935 03 08	4.00	80.00	G-R	CCC				
122	1935 03 09	12.00	78.00	G-R	CCC				
123	1935 03 26	15.50	73.00	G-R	BBB				
124	1935 07 20	13.00	73.50	CGS					
125	1935 09 19	15.50	70.00	G-R	BCB				
126	1935 11 02	2.00	79.00	G-R	CCC				
127	1935 12 14	9.50	70.50	G-R	AAA				
128	1935 12 14	9.00	70.00	ISS					
129	1935 12 16	9.50	70.50	G-R	AAA				

## II-4

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
130	1935 12 28	9.50	70.50	G-R	AAA				
131	1936 05 06	8.00	75.00	G-R	BBA				
132	1936 07 04	18.00	70.00	G-R	BBA				
133	1936 09 16	16.00	72.50	G-R	BBA				
134	1936 12 05	20.00	70.50	G-R	BBA				
135	1937 03 28	13.50	75.00	G-R	CCC				
136	1937 03 29	15.50	71.00	G-R	BBA				
137	1937 06 21	8.50	80.00	G-R					
138	1937 06 22	9.00	79.00	G-R	CCC				
139	1937 06 24	7.80	80.30	ISS					
140	1937 07 09	16.00	72.00	G-R	BCC				
141	1937 07 19	1.50	76.50	G-R	AAA				
142	1937 08 02	4.70	73.00	CGS					
143	1937 09 04	0.50	80.00	CGS					
144	1937 09 08	0.00	81.00	CGS					
145	1937 09 09	5.00	84.00	CGS					
146	1937 09 15	1.00	82.00	CGS					
147	1937 09 26	3.30	77.60	CGS					
148	1937 10 02	14.70	69.90	CGS					
149	1937 10 15	13.50	77.00	G-R	CCA				
150	1937 11 02	15.90	74.00	CGS					
151	1937 11 05	12.50	77.00	CGS					
152	1937 11 07	10.00	73.50	G-R	CCC				
153	1937 11 15	14.60	82.40	CGS					
154	1937 12 24	10.50	76.50	G-R					
155	1938 01 16	6.00	75.00	G-R	BCC				
156	1938 02 08	1.90	81.20	CGS					
157	1938 02 08	2.10	81.20	CGS					
158	1938 02 08	2.00	83.00	CGS					
159	1938 02 08	2.50	81.50	CGS					
160	1938 02 08	1.00	81.00	CGS					
161	1938 02 09	1.10	79.60	CGS					
162	1938 02 14	2.50	81.90	CGS					
163	1938 04 17	19.00	69.50	G-R					
164	1938 08 10	1.00	80.00	CGS					
165	1938 09 09	7.20	80.30	CGS					
166	1938 12 02	16.30	76.80	CGS					
167	1939 04 06	9.70	74.50	CGS					
168	1939 04 25	12.50	75.50	G-R	BBC				
169	1939 05 19	18.00	69.00	G-R	BCA				
170	1939 06 20	17.50	73.50	CGS					
171	1939 06 24	12.50	72.00	CGS					
172	1939 09 13	18.50	70.50	G-R	BBA				

## EARTHQUAKE CATALOG OF PERU

II-5

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
173	1939 09 20	11.50	75.50	G-R					
174	1939 10 07	18.50	70.00	G-R	BBB				
175	1939 11 06	11.00	77.00	CGS					
176	1939 11 18	15.00	75.50	G-R					
177	1939 11 26	8.50	77.50	G-R	BCB				
178	1939 12 11	15.00	77.00	CGS					
179	1939 12 13	17.00	74.00	G-R	CCB				
180	1939 12 24	6.50	71.00	G-R	CCC				
181	1939 12 25	5.00	80.00	CGS					
182	1940 01 07	6.50	78.00	CGS					
183	1940 01 28	12.00	82.00	CGS					
184	1940 01 30	11.50	77.00	G-R					
185	1940 03 31	19.00	70.50	G-R					
186	1940 05 04	6.50	81.00	G-R					
187	1940 05 05	7.00	80.00	G-R					
188	1940 05 24	10.50	77.00	G-R				I	
189	1940 05 24	11.40	78.10	CGS					
190	1940 07 30	15.00	78.00	CGS					
191	1940 08 04	14.00	74.00	G-R	CCC				
192	1940 08 26	11.50	75.00	G-R	BBA				
193	1940 08 31	17.00	78.00	CGS					
194	1940 09 17	10.00	80.00	CGS					
195	1940 09 24	9.50	70.50	G-R	CCB				
196	1940 10 04	17.80	70.40	CGS					
197	1940 10 05	17.80	70.40	CGS					
198	1940 10 06	17.80	70.40	CGS					
199	1940 10 12	17.80	70.40	CGS					
200	1940 10 15	17.80	70.40	CGS					
201	1940 10 23	2.00	76.00	G-R	CCA				
202	1940 10 27	20.00	69.00	CGS					
203	1940 12 22	15.50	68.50	G-R	BBA				
204	1941 01 24	3.25	76.75	G-R	AAA				
205	1941 04 15	16.40	71.00	ISS					
206	1941 05 11	11.50	76.90	CGS					
207	1941 07 10	18.50	70.00	G-R	CCB				
208	1941 09 07	19.00	69.50	CGS					
209	1941 09 18	13.75	72.25	G-R	BBA				
210	1941 10 15	16.00	73.50	CGS					
211	1941 10 15	15.50	74.00	G-R	CCB				
212	1941 12 31	2.50	81.50	CGS		D			
213	1942 01 08	6.00	78.50	G-R	BBB				
214	1942 05 14	0.75	81.50	G-R					
215	1942 05 14	0.00	80.00	CGS					



II-6

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
216	1942 05 14	0.00	80.00	CGS					
217	1942 05 14	0.00	80.00	CGS					
218	1942 05 15	0.00	80.00	CGS					
219	1942 05 15	0.00	80.00	CGS					
220	1942 05 15	0.00	80.00	CGS					
221	1942 05 16	16.00	73.00	CGS					
222	1942 05 16	0.00	80.00	CGS					
223	1942 05 17	0.30	80.00	CGS					
224	1942 06 07	0.00	81.00	CGS					
225	1942 06 12	2.00	76.90	CGS					
226	1942 06 18	18.80	70.50	ISS					
227	1942 07 12	0.00	80.00	ISS					
228	1942 07 21	15.00	75.00	CGS					
229	1942 08 13	10.00	78.00	CGS					
230	1942 08 24	15.00	76.00	G-R				I	T
231	1942 08 25	15.00	75.00	CGS					
232	1942 08 25	15.10	75.00	ISS					
233	1942 08 26	15.10	75.00	ISS					
234	1942 08 26	15.10	75.00	ISS					
235	1942 08 31	0.70	77.00	CGS					
236	1942 09 02	15.10	75.00	ISS					
237	1942 09 12	15.10	75.00	ISS					
238	1942 09 30	15.10	75.00	ISS					
239	1942 10 12	16.50	74.40	CGS					
240	1942 11 06	6.00	77.00	G-R	BBA				
241	1942 11 08	16.00	76.00	CGS					
242	1942 11 09	0.00	81.00	CGS					
243	1942 11 11	6.50	75.50	CGS					
244	1942 11 12	0.10	81.00	CGS					
245	1942 11 12	0.00	81.00	CGS					
246	1942 11 12	0.00	81.00	CGS					
247	1942 11 14	0.00	81.00	CGS					
248	1942 11 14	0.00	81.00	CGS					
249	1942 11 14	0.00	81.00	CGS					
250	1942 11 15	0.00	81.00	CGS					
251	1942 11 17	16.50	73.00	CGS					
252	1942 11 19	0.00	81.50	CGS		F			
253	1942 11 19	0.00	81.50	CGS					
254	1942 11 19	0.00	81.50	CGS					
255	1942 11 19	0.60	81.70	ISS					
256	1942 11 25	0.60	81.70	ISS					
257	1942 12 15	0.50	81.50	CGS					
258	1942 12 16	0.00	81.00	CGS					

## EARTHQUAKE CATALOG OF PERU

II-7

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
259	1943 01 30	2.00	80.50	G-R	BBA				
260	1943 02 08	2.50	80.00	CGS					
261	1943 02 16	15.00	72.00	G-R	BBB				
262	1943 03 14	20.00	69.50	G-R	CCC				
263	1943 03 16	0.00	81.50	CGS					
264	1943 03 16	0.00	81.50	CGS					
265	1943 04 05	6.50	76.00	G-R	CCC				
266	1943 04 13	17.50	73.50	CGS		F			
267	1943 04 28	1.00	82.00	CGS					
268	1943 06 30	16.30	73.00	CGS					
269	1943 07 05	16.00	74.00	G-R					
270	1943 07 06	17.00	70.00	G-R	CCB				
271	1943 07 22	0.50	81.50	CGS					
272	1943 11 03	13.00	77.00	CGS					
273	1943 11 16	16.00	74.00	CGS					
274	1943 12 22	2.50	77.00	G-R	BBA				
275	1944 01 06	15.00	76.00	CGS					
276	1944 02 29	14.50	70.50	G-R	BBB				
277	1944 03 10	16.50	76.00	CGS					
278	1944 06 03	8.00	80.00	CGS					
279	1944 06 06	15.50	76.50	CGS					
280	1944 06 08	10.00	71.00	G-R	CCB				
281	1944 06 29	11.00	79.00	CGS					
282	1944 08 07	17.50	73.50	CGS					
283	1944 08 07	18.00	74.00	CGS					
284	1944 08 10	12.00	77.00	CGS					
285	1944 08 30	14.50	78.00	CGS					
286	1944 09 15	0.50	79.00	CGS					
287	1945 02 02	0.50	81.00	CGS					
288	1945 02 02	0.50	81.00	CGS					
289	1945 04 14	19.50	70.00	CGS					
290	1945 05 10	18.50	70.00	CGS					
291	1945 05 10	15.00	77.00	CGS		F			
292	1945 05 21	14.50	77.00	CGS					
293	1945 06 26	17.00	76.00	CGS					
294	1945 07 12	8.50	74.50	CGS		F			
295	1945 07 16	1.00	82.00	CGS					
296	1945 08 01	11.00	71.00	CGS					
297	1945 08 06	6.00	76.50	CGS		F			
298	1945 08 09	6.00	76.50	CGS					
299	1945 08 19	11.00	76.00	CGS					
300	1945 08 21	10.50	75.00	G-R	BBA	F			
301	1945 08 29	4.50	78.50	CGS					

II-8

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
302	1945 09 09	14.50	76.00	CGS		F			
303	1945 09 29	6.00	77.00	CGS					
304	1945 10 02	15.00	71.00	CGS					
305	1945 11 09	15.00	76.50	CGS					
306	1945 11 13	8.50	79.50	CGS					
307	1945 11 26	11.00	69.00	CGS					
308	1945 11 28	2.00	80.00	CGS					
309	1945 12 14	2.50	76.50	CGS					
310	1946 03 29	1.70	80.80	CGS		F			
311	1946 07 26	19.75	70.50	G-R	CCC				
312	1946 09 30	13.00	76.00	G-R	CCC				
313	1946 11 10	8.50	77.50	G-R		C		I	
314	1947 08 06	9.25	71.50	G-R	BBB				
315	1947 11 01	10.50	75.00	G-R		C		I	
316	1948 05 11	17.50	70.25	G-R	BBB	C			
317	1948 05 28	13.00	76.50	CGS		D			
318	1948 07 20	17.00	75.00	G-R	BBB	D			
319	1949 01 01	12.00	73.00	CGS					
320	1949 01 06	11.00	79.00	CGS					
321	1949 01 24	19.00	73.50	CGS					
322	1949 01 26	18.50	73.50	CGS					
323	1949 02 24	12.50	75.00	CGS					
324	1949 03 17	15.50	69.50	CGS					
325	1949 04 02	16.50	75.00	CGS					
326	1949 04 17	16.00	69.00	CGS					
327	1949 04 25	19.75	69.00	G-R	BBA	D			
328	1949 05 21	14.50	76.50	CGS					
329	1949 05 22	7.00	81.50	CGS					
330	1949 07 03	13.00	76.00	CGS					
331	1949 07 13	3.00	80.00	CGS		F			
332	1949 07 21	15.50	73.00	CGS					
333	1949 07 28	15.50	76.00	CGS					
334	1949 08 05	6.50	77.00	CGS					
335	1949 08 05	1.50	78.25	G-R		C			
336	1949 08 07	15.00	71.50	CGS					
337	1949 08 08	16.00	76.00	CGS					
338	1949 08 23	16.00	73.00	CGS					
339	1949 09 08	15.50	75.50	CGS					
340	1949 09 18	18.00	69.00	CGS					
341	1949 11 14	2.00	80.00	CGS					
342	1949 11 20	11.00	75.00	CGS					
343	1949 12 03	18.00	70.00	CGS		F			
344	1950 01 13	18.30	69.20	ISS					

## EARTHQUAKE CATALOG OF PERU

II-9

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
345	1950 02 07	16.40	71.00	ISS					
346	1950 02 07	7.20	74.00	ISS		F			
347	1950 03 14	8.00	74.00	CGS		F	6		
348	1950 03 18	17.70	69.20	ISS		F			
349	1950 04 30	10.30	75.40	ISS		F	5		
350	1950 05 01	15.00	76.00	CGS					
351	1950 05 12	2.00	80.50	CGS					
352	1950 05 21	13.50	72.00	ISS		C	6		
353	1950 05 28	0.50	80.80	ISS					
354	1950 05 31	8.00	74.00	CGS		F			
355	1950 06 07	4.00	76.50	G-R	BBA	D	6		
356	1950 06 14	14.50	70.00	ISS		F	3		
357	1950 06 22	1.20	78.50	ISS*					
358	1950 06 22	15.00	70.00	CGS*					
359	1950 06 30	6.20	75.30	ISS					
360	1950 07 09	8.00	70.75	G-R	BBB				
361	1950 07 09	8.20	71.00	ISS					
362	1950 07 15	11.00	80.00	ISS*					
363	1950 07 17	9.00	78.00	BCI*					
364	1950 07 21	7.50	71.00	CGS					
365	1950 08 14	17.40	71.00	ISS		F	4		
366	1950 08 27	8.00	74.50	CGS					
367	1950 09 18	8.00	71.00	CGS					
368	1950 10 05	3.40	80.60	ISS		F			
369	1950 10 16	5.00	80.00	CGS		F	5		
370	1950 10 30	17.40	71.00	ISS					
371	1950 12 02	8.20	71.00	ISS					
372	1950 12 02	7.50	71.00	CGS					
373	1950 12 10	14.25	75.75	G-R	BBB	C	6		
374	1950 12 10	15.00	77.00	CGS					
375	1950 12 11	8.00	70.75	G-R	BBB				
376	1950 12 27	20.00	70.00	CGS					
377	1950 12 28	7.50	71.00	CGS					
378	1950 12 28	14.60	76.30	ISS					
379	1950 12 30	1.80	77.70	ISS					
380	1951 01 02	9.50	79.50	BCI					
381	1951 03 04	15.50	74.00	CGS					
382	1951 03 11	14.00	70.00	BCI					
383	1951 03 13	9.00	74.10	ISS		F	4		
384	1951 04 03	7.00	74.90	BCI					
385	1951 05 08	8.30	79.80	ISS		F	5		
386	1951 05 16	15.00	69.50	ISS		F	4		
387	1951 06 12	13.10	76.20	ISS		D	6		

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
388	1951 06 24	8.30	79.80	ISS		F	5		
389	1951 06 24	14.60	76.30	ISS		F	4		
390	1951 06 28	17.00	71.50	BCI					
391	1951 07 02	10.30	79.50	BCI					
392	1951 07 03	16.00	74.50	ISS		F	3		
393	1951 08 06	2.00	79.00	BCI*					
394	1951 08 10	14.00	77.00	ISS		F	4		
395	1951 09 20	4.20	81.20	ISS		D	6		
396	1951 09 25	19.00	69.00	ISS					
397	1951 10 03	18.80	70.50	ISS		F	5		
398	1951 10 12	2.00	77.00	BCI*					
399	1951 10 22	3.00	76.90	ISS					
400	1951 12 28	10.00	71.50	CGS					
401	1951 12 31	2.00	78.00	BCI*					
402	1952 01 15	4.20	81.20	ISS					
403	1952 02 11	16.60	73.60	ISS					
404	1952 02 12	8.50	74.00	ISS		F	5		
405	1952 02 20	16.00	74.50	ISS		F	5		
406	1952 02 26	14.00	70.50	G-R	BBB	F	5		
407	1952 03 24	1.20	75.80	ISS					
408	1952 03 31	6.00	79.50	ISS		D	6		
409	1952 04 06	11.00	78.20	ISS		F	5		
410	1952 04 08	9.00	71.00	ISS					
411	1952 04 21	2.75	78.50	BCI					
412	1952 05 03	14.60	76.30	ISS		D	6		
413	1952 05 08	16.90	70.30	ISS					
414	1952 06 22	1.50	80.50	ISS					
415	1952 07 12	3.80	77.40	ISS					
416	1952 08 03	12.80	78.50	ISS		D	6		
417	1952 09 18	16.00	76.00	ISS					
418	1952 09 20	15.50	76.40	ISS		F	4		
419	1952 09 24	7.10	74.70	ISS					
420	1952 10 06	10.30	75.40	ISS		F	4		
421	1952 10 12	17.40	71.00	ISS					
422	1952 11 14	6.60	76.90	ISS		F	5		
423	1953 01 02	6.00	81.30	ISS					
424	1953 01 13	2.00	81.00	CGS					
425	1953 02 02	17.00	75.00	BCI					
426	1953 02 14	1.80	77.70	ISS					
427	1953 02 15	12.00	77.50	CGS					
428	1953 03 05	14.00	71.50	CGS					
429	1953 04 01	0.50	80.80	ISS					
430	1953 04 01	0.50	80.80	ISS					

## EARTHQUAKE CATALOG OF PERU

II-11

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
431	1953 04 05	9.00	79.00	CGS					
432	1953 04 14	8.20	71.00	ISS		F	4		
433	1953 04 17	5.20	77.20	ISS		F	5		
434	1953 06 17	15.60	74.60	ISS		F	5		
435	1953 06 30	11.50	75.50	CGS					
436	1953 06 30	8.00	76.50	CGS					
437	1953 07 02	16.00	76.00	ISS					
438	1953 07 02	16.25	74.75	BCI					
439	1953 07 10	16.00	76.00	CGS					
440	1953 07 26	15.00	75.00	BCI		F			
441	1953 08 08	16.50	74.75	BCI					
442	1953 08 16	7.10	74.70	ISS					
443	1953 12 12	3.50	81.00	CGS					
444	1953 12 12	3.40	80.60	ISS		C	7	I	T
445	1954 01 14	7.50	84.00	BCI					
446	1954 02 02	6.50	81.00	CGS					
447	1954 02 12	17.50	70.00	CGS					
448	1954 02 14	6.50	81.00	CGS					
449	1954 02 15	6.50	81.00	CGS					
450	1954 02 15	6.50	81.00	CGS					
451	1954 02 26	8.50	76.00	BCI					
452	1954 03 10	2.00	78.00	CGS					
453	1954 03 16	13.50	71.25	BCI					
454	1954 03 26	2.00	79.50	CGS					
455	1954 03 27	8.50	74.80	ISS					
456	1954 03 28	7.50	73.50	CGS					
457	1954 03 29	2.50	78.50	CGS		F			
458	1954 04 09	15.00	69.50	ISS					
459	1954 04 21	13.00	77.00	CGS		F			
460	1954 05 07	8.00	74.00	BCI					
461	1954 05 18	10.50	75.50	CGS		F			
462	1954 05 29	12.00	68.00	CGS					
463	1954 05 30	11.50	78.00	CGS					
464	1954 06 01	12.00	74.00	ISS					
465	1954 06 15	5.00	77.00	CGS					
466	1954 07 02	5.00	77.00	CGS					
467	1954 07 26	1.50	79.00	CGS					
468	1954 07 29	18.75	68.75	BCI					
469	1954 07 29	18.60	69.40	ISS					
470	1954 08 01	20.00	69.50	CGS					
471	1954 08 07	18.50	69.00	CGS					
472	1954 08 19	5.00	79.00	BCI					
473	1954 09 08	16.60	73.60	ISS					

II-12

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
474	1954 09 15	4.50	82.00	CGS					
475	1954 10 02	10.50	75.00	CGS					
476	1954 10 21	10.00	75.00	CGS					
477	1954 11 03	13.75	74.50	BCI					
478	1954 11 15	20.00	68.50	CGS					
479	1954 11 23	19.50	69.00	CGS					
480	1954 12 09	15.50	76.00	CGS					
481	1955 01 03	15.00	75.40	ISS					
482	1955 01 05	15.00	76.00	CGS					
483	1955 01 05	0.00	78.00	CGS					
484	1955 01 10	0.50	80.00	CGS		F			
485	1955 01 11	20.00	69.50	CGS		F			
486	1955 02 07	3.50	81.00	CGS					
487	1955 02 10	11.50	77.50	CGS					
488	1955 02 11	19.25	68.50	BCI					
489	1955 02 17	4.00	79.00	CGS					
490	1955 03 09	5.00	79.00	CGS					
491	1955 04 08	2.00	80.00	CGS					
492	1955 04 09	10.00	75.00	CGS					
493	1955 04 22	0.00	81.00	CGS					
494	1955 05 03	8.50	79.50	CGS					
495	1955 05 11	0.00	78.00	CGS		D			
496	1955 05 19	19.20	69.20	ISS		F			
497	1955 05 21	3.50	81.50	BCI					
498	1955 05 22	11.00	74.00	CGS					
499	1955 06 03	9.00	74.00	CGS					
500	1955 06 21	7.00	80.50	CGS					
501	1955 07 16	14.00	78.50	CGS					
502	1955 07 21	15.00	74.00	CGS		F			
503	1955 08 10	4.00	80.00	CGS					
504	1955 08 17	8.50	76.00	CGS					
505	1955 08 19	8.00	79.50	CGS		F			
506	1955 08 19	9.00	71.00	CGS					
507	1955 08 27	19.00	69.50	CGS		F			
508	1955 08 29	11.00	76.50	CGS					
509	1955 09 01	3.50	77.00	BCI					
510	1955 09 11	4.00	77.00	BCI					
511	1955 12 12	19.50	70.00	BCI					
512	1955 12 31	18.00	69.50	CGS		F			
513	1956 01 08	19.00	70.00	CGS		D			
514	1956 01 12	19.00	70.00	CGS					
515	1956 01 16	0.50	80.50	CGS		D			
516	1956 02 04	0.00	81.00	CGS					

## EARTHQUAKE CATALOG OF PERU

II-13

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
517	1956 02 10	11.50	79.00	CGS		F			
518	1956 02 15	8.50	74.50	CGS		C			
519	1956 02 18	10.00	79.00	CGS					
520	1956 02 18	5.00	79.50	CGS					
521	1956 02 18	8.50	79.50	CGS					
522	1956 03 12	11.00	76.50	CGS					
523	1956 03 15	20.00	69.50	CGS					
524	1956 03 22	3.50	79.00	CGS		F			
525	1956 05 03	16.00	74.00	CGS					
526	1956 05 15	13.50	77.00	CGS					
527	1956 05 15	6.00	82.00	CGS					
528	1956 05 17	16.50	72.00	CGS					
529	1956 05 29	14.50	72.50	CGS					
530	1956 06 10	18.00	74.50	CGS					
531	1956 07 20	20.00	70.00	CGS		F			
532	1956 07 22	19.00	69.00	CGS		F			
533	1956 07 28	0.00	80.50	CGS					
534	1956 08 17	7.00	80.00	CGS					
535	1956 08 23	15.27	68.67	ISS					
536	1956 08 31	13.00	77.00	CGS					
537	1956 09 15	20.00	69.00	CGS		F			
538	1956 09 29	12.00	78.00	CGS		F			
539	1956 10 12	15.50	75.28	ISS					
540	1956 10 19	11.50	76.00	CGS					
541	1956 10 29	8.50	77.00	CGS					
542	1956 11 16	18.00	69.00	CGS					
543	1956 11 25	17.00	71.50	CGS					
544	1956 12 01	17.50	72.50	CGS					
545	1957 01 03	20.00	69.00	CGS					
546	1957 01 14	20.00	69.00	CGS		F			
547	1957 01 15	2.00	76.50	CGS					
548	1957 01 24	12.50	78.00	CGS					
549	1957 02 15	14.00	71.00	CGS					
550	1957 02 18	11.50	78.00	CGS					
551	1957 02 20	16.00	72.00	CGS		F			
552	1957 02 21	15.75	75.75	BCI					
553	1957 03 12	1.59	80.15	ISS					
554	1957 04 13	19.00	69.50	CGS		F			
555	1957 04 25	0.75	78.75	BCI					
556	1957 05 19	13.75	76.75	BCI					
557	1957 05 19	8.00	74.00	CGS					
558	1957 06 12	11.00	78.00	CGS					
559	1957 08 01	18.00	70.00	BCI					



II-14

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
560	1957 08 07	5.00	81.00	BCI*					
561	1957 08 26	2.00	81.00	CGS		F			
562	1957 09 06	20.00	68.00	CGS		F			
563	1957 09 10	1.50	80.00	CGS					
564	1957 09 14	1.50	80.50	CGS					
565	1957 09 29	13.00	77.00	CGS					
566	1957 10 01	7.00	74.00	CGS					
567	1957 10 20	14.50	76.00	CGS					
568	1957 11 28	10.00	75.50	CGS					
569	1957 12 15	14.50	73.00	CGS					
570	1958 01 07	18.50	69.00	CGS					
571	1958 01 13	20.00	69.50	CGS					
572	1958 01 13	20.00	69.50	CGS					
573	1958 01 15	16.50	72.00	CGS		C			
574	1958 02 21	16.00	74.50	CGS					
575	1958 02 26	2.50	78.50	BCI					
576	1958 03 01	13.50	76.50	CGS		F			
577	1958 03 03	6.00	74.00	BCI					
578	1958 03 04	0.50	81.00	CGS					
579	1958 03 07	3.50	81.00	BCI*					
580	1958 03 11	16.00	72.00	CGS					
581	1958 04 21	8.00	74.00	CGS					
582	1958 04 28	11.00	74.00	CGS					
583	1958 05 11	9.25	81.25	BCI					
584	1958 05 12	6.50	75.50	CGS					
585	1958 05 13	20.00	68.00	BCI*					
586	1958 05 17	1.50	79.00	BCI*					
587	1958 05 25	3.12	78.09	ISS		F			
588	1958 05 26	3.24	78.06	ISS					
589	1958 05 26	3.50	78.50	CGS					
590	1958 05 30	19.50	68.50	BCI*					
591	1958 06 01	18.00	69.00	CGS					
592	1958 06 03	3.00	77.00	BCI					
593	1958 06 08	16.00	75.00	CGS					
594	1958 06 16	7.50	80.00	CGS					
595	1958 06 29	15.50	70.50	CGS					
596	1958 07 18	4.00	78.00	CGS					
597	1958 07 26	13.50	69.00	CGS					
598	1958 07 26	12.50	68.00	BCI*					
599	1958 08 06	20.00	70.00	BCI*					
600	1958 08 18	9.50	73.75	BCI					
601	1958 09 18	9.50	80.00	CGS					
602	1958 09 22	1.50	77.00	CGS					

## EARTHQUAKE CATALOG OF PERU

11-15

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
603	1958 10 07	16.00	69.00	CGS					
604	1958 10 12	6.00	74.50	CGS					
605	1958 10 14	20.00	68.50	CGS					
606	1958 11 01	15.00	72.00	BCI					
607	1958 11 05	19.50	69.00	CGS					
608	1958 11 23	2.50	79.00	CGS					
609	1958 12 19	16.00	72.00	CGS					
610	1959 01 02	5.25	82.50	BCI					
611	1959 01 03	15.00	75.00	BCI					
612	1959 01 03	14.84	75.70	ISS					
613	1959 01 13	16.50	71.50	CGS					
614	1959 01 26	1.00	77.00	CGS					
615	1959 01 26	4.50	82.50	BCI					
616	1959 01 30	11.50	74.50	CGS					
617	1959 02 07	3.70	81.71	ISS		F			
618	1959 02 11	4.00	82.50	CGS					
619	1959 02 15	1.50	81.50	CGS					
620	1959 02 16	1.36	81.25	ISS					
621	1959 02 16	1.00	81.50	BCI					
622	1959 02 16	1.00	81.50	BCI					
623	1959 02 17	1.00	80.50	CGS					
624	1959 03 04	20.00	68.00	BCI*					
625	1959 03 08	11.50	75.50	CGS		C			
626	1959 03 13	15.00	71.00	BCI*					
627	1959 03 18	8.00	73.50	CGS					
628	1959 03 25	5.00	78.50	CGS					
629	1959 04 03	4.00	81.00	CGS					
630	1959 04 21	18.50	71.50	BCI*					
631	1959 04 25	8.00	76.00	BCI*					
632	1959 04 26	8.50	75.25	BCI					
633	1959 05 05	9.00	78.50	CGS					
634	1959 05 14	20.00	68.00	CGS					
635	1959 05 29	7.00	81.00	BCI*					
636	1959 06 08	14.50	76.00	CGS					
637	1959 06 12	17.50	76.00	BCI*					
638	1959 06 12	12.50	77.00	BCI					
639	1959 06 13	17.00	72.50	BCI*					
640	1959 06 14	13.00	77.00	BCI					
641	1959 06 22	4.00	81.00	CGS					
642	1959 07 01	16.50	69.50	CGS					
643	1959 07 03	14.50	74.00	CGS					
644	1959 07 05	8.00	74.00	CGS					
645	1959 07 06	15.50	75.00	CGS					

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
646	1959 07 09	20.00	72.00	CGS					
647	1959 07 10	19.00	69.00	CGS					
648	1959 07 19	15.00	70.50	CGS		F			
649	1959 07 19	15.50	71.00	CGS					
650	1959 07 31	16.50	71.00	CGS					
651	1959 08 08	14.00	76.00	CGS					
652	1959 08 12	3.00	80.50	CGS					
653	1959 08 15	8.00	79.50	CGS					
654	1959 08 22	17.50	69.50	CGS					
655	1959 08 28	9.00	75.00	BCI*					
656	1959 09 01	11.29	74.54	ISS		F			
657	1959 09 12	20.00	68.00	CGS					
658	1959 10 12	19.00	68.50	CGS					
659	1959 10 13	9.00	79.50	CGS					
660	1959 10 30	4.00	80.50	CGS					
661	1959 12 02	9.00	80.00	CGS					
662	1959 12 24	13.00	77.00	BCI*					
663	1959 12 24	13.50	74.50	CGS					
664	1960 01 02	15.50	68.00	CGS					
665	1960 01 04	5.50	77.50	CGS					
666	1960 01 05	19.00	69.50	CGS					
667	1960 01 13	16.00	72.00	CGS		C			
668	1960 01 15	15.00	75.00	CGS		C			
669	1960 01 17	14.50	74.50	CGS					
670	1960 01 23	12.50	68.50	BCI					
671	1960 01 30	5.50	77.50	BCI					
672	1960 02 08	8.50	74.50	CGS					
673	1960 02 13	17.50	70.00	CGS					
674	1960 02 14	6.00	75.50	CGS					
675	1960 03 09	16.50	72.50	CGS		C			
676	1960 04 01	14.50	73.50	CGS					
677	1960 04 06	20.00	68.50	CGS		F	4		
678	1960 04 29	1.00	78.50	CGS					
679	1960 05 04	18.00	71.50	CGS					
680	1960 05 06	7.50	74.50	CGS					
681	1960 05 12	9.00	72.50	CGS		F			
682	1960 05 28	19.50	68.50	CGS					
683	1960 06 21	2.00	80.50	CGS					
684	1960 07 04	8.00	71.00	CGS					
685	1960 07 05	8.00	71.50	CGS					
686	1960 07 09	15.00	70.50	CGS					
687	1960 07 13	9.50	75.00	CGS					
688	1960 07 19	7.00	80.00	CGS					

## EARTHQUAKE CATALOG OF PERU

II-17

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
689	1960 07 30	1.50	79.00	CGS		C			
690	1960 07 30	2.50	77.50	CGS					
691	1960 08 16	16.60	71.40	CGS					
692	1960 08 25	18.10	69.40	CGS					
693	1960 08 25	6.40	81.10	CGS					
694	1960 08 28	16.60	74.20	CGS					
695	1960 09 10	2.50	82.00	BCI*					
696	1960 09 13	5.00	74.50	CGS					
697	1960 09 14	15.20	76.20	CGS					
698	1960 09 24	3.00	75.90	CGS					
699	1960 09 26	16.00	72.90	CGS		F			
700	1960 09 28	16.60	73.90	CGS					
701	1960 09 29	17.40	68.50	CGS		F			
702	1960 10 01	19.90	69.60	CGS					
703	1960 10 21	7.20	73.80	CGS					
704	1960 11 03	14.40	71.60	CGS					
705	1960 11 11	16.10	71.90	CGS		D			
706	1960 11 20	8.40	77.60	CGS					
707	1960 11 20	6.80	81.00	CGS		C			
708	1960 11 21	6.50	80.70	CGS		F			T
709	1960 11 22	7.10	80.80	CGS		F			
710	1960 11 25	7.30	81.40	CGS					
711	1960 11 27	7.70	81.50	CGS					
712	1960 11 29	16.00	74.00	BCI*		F			
713	1960 12 10	0.00	82.00	BCI*					
714	1960 12 17	15.20	73.50	CGS		F			
715	1960 12 22	16.20	72.90	CGS		F			
716	1960 12 23	4.80	75.60	CGS					
717	1960 12 24	3.70	78.00	CGS					
718	1960 12 25	8.00	82.50	CGS					
719	1960 12 27	13.80	74.30	CGS					
720	1960 12 29	10.20	75.90	CGS					
721	1960 12 29	18.90	69.40	CGS		F			
722	1960 12 30	17.00	70.00	CGS					
723	1961 01 08	15.90	73.10	CGS		F			
724	1961 01 25	0.00	80.20	CGS					
725	1961 01 25	8.50	74.00	CGS					
726	1961 01 26	12.30	78.10	CGS		F			
727	1961 01 28	13.60	76.30	CGS		F			
728	1961 02 02	2.80	77.80	CGS					
729	1961 02 04	18.30	69.50	CGS		F			
730	1961 02 06	19.40	69.20	CGS		F			
731	1961 02 08	10.40	71.00	CGS					

II-18

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
732	1961 02 10	11.60	73.10	CGS					
733	1961 02 20	2.40	77.60	CGS					
734	1961 02 24	18.20	69.70	CGS		F			
735	1961 03 09	14.20	75.10	CGS					
736	1961 03 16	10.50	74.90	CGS					
737	1961 03 17	18.00	69.00	CGS					
738	1961 03 17	11.10	78.80	CGS					
739	1961 03 24	8.50	74.70	CGS					
740	1961 03 25	2.10	78.70	CGS					
741	1961 04 02	8.60	75.00	CGS					
742	1961 04 08	2.60	81.00	CGS					
743	1961 04 08	2.20	79.20	CGS		C			
744	1961 04 08	2.20	79.20	CGS					
745	1961 04 08	2.10	79.10	CGS					
746	1961 04 09	18.30	70.20	CGS					
747	1961 04 19	19.60	69.70	CGS					
748	1961 04 22	2.80	80.80	CGS					
749	1961 04 27	13.20	75.10	CGS		F			
750	1961 05 04	5.10	81.00	CGS					
751	1961 05 06	20.00	68.50	CGS					
752	1961 05 08	10.90	75.10	CGS					
753	1961 05 21	10.80	77.90	CGS					
754	1961 05 21	3.10	80.90	CGS					
755	1961 05 26	10.20	70.80	CGS					
756	1961 05 26	10.10	71.30	CGS					
757	1961 06 02	3.00	80.40	CGS					
758	1961 06 03	18.10	70.30	CGS					
759	1961 06 17	12.00	75.30	CGS					
760	1961 06 22	19.10	70.80	CGS					
761	1961 06 27	8.60	74.40	CGS					
762	1961 06 27	8.60	76.10	CGS					
763	1961 06 28	11.50	74.00	CGS					
764	1961 07 01	15.30	74.80	CGS					
765	1961 07 03	2.80	79.70	CGS					
766	1961 07 03	8.70	79.10	CGS					
767	1961 07 08	6.20	77.10	CGS					
768	1961 07 10	19.30	68.40	CGS					
769	1961 07 24	2.10	79.40	CGS		F			
770	1961 07 24	1.60	78.30	CGS					
771	1961 07 25	8.90	71.40	CGS					
772	1961 07 27	18.40	70.20	CGS		F			
773	1961 07 28	2.20	77.10	CGS					
774	1961 07 30	5.40	78.70	CGS					

## EARTHQUAKE CATALOG OF PERU

II-19

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
775	1961 08 05	18.90	68.20	CGS		F			
776	1961 08 14	3.40	81.30	CGS					
777	1961 08 17	17.40	72.70	CGS					
778	1961 08 19	10.80	71.00	CGS		F			
779	1961 08 19	11.50	70.80	CGS					
780	1961 08 20	10.40	70.60	CGS					
781	1961 08 20	11.50	70.60	CGS					
782	1961 08 28	15.20	70.20	CGS					
783	1961 08 28	17.00	70.70	CGS					
784	1961 08 28	14.10	73.90	CGS					
785	1961 08 30	3.90	77.80	CGS					
786	1961 08 30	15.70	69.40	CGS					
787	1961 08 31	10.70	70.90	CGS					
788	1961 08 31	10.50	70.70	CGS		F			
789	1961 08 31	9.60	78.70	CGS					
790	1961 09 05	16.40	72.60	CGS		F			
791	1961 09 06	10.90	79.10	CGS					
792	1961 09 08	1.80	81.40	CGS					
793	1961 09 08	1.50	80.90	CGS					
794	1961 09 12	11.10	70.60	CGS					
795	1961 09 16	10.70	69.80	CGS					
796	1961 09 18	0.40	80.40	CGS					
797	1961 09 25	15.80	73.70	CGS					
798	1961 10 02	19.50	69.50	CGS					
799	1961 10 06	18.20	69.50	CGS					
800	1961 10 07	0.40	80.40	CGS					
801	1961 10 11	13.30	75.70	CGS					
802	1961 10 14	0.90	80.30	CGS					
803	1961 10 17	13.70	76.10	CGS					
804	1961 10 25	9.60	78.40	CGS					
805	1961 10 28	9.30	80.00	CGS					
806	1961 11 06	13.30	76.70	CGS					
807	1961 11 10	14.30	71.90	CGS					
808	1961 11 11	8.10	75.00	CGS					
809	1961 11 14	19.50	69.60	CGS					
810	1961 11 18	8.80	74.70	CGS					
811	1961 11 23	5.60	80.30	CGS					
812	1961 11 29	7.20	76.40	CGS					
813	1961 12 09	14.90	75.70	CGS					
814	1961 12 17	14.40	75.50	CGS					
815	1961 12 23	19.90	68.30	CGS					
816	1961 12 24	5.70	80.90	CGS					
817	1961 12 24	5.80	81.00	CGS					

II-20

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
818	1962 01 02	18.10	70.80	CGS	022	F			
819	1962 01 03	18.70	71.00	CGS	013				
820	1962 01 08	4.10	77.40	CGS	010				
821	1962 01 10	17.10	68.00	CGS	011				
822	1962 01 25	15.70	69.60	CGS	032				
823	1962 01 29	9.30	79.10	CGS	009				
824	1962 02 03	12.90	79.90	CGS	013				
825	1962 02 27	6.20	77.00	CGS	020				
826	1962 02 27	18.90	68.40	CGS	010				
827	1962 02 28	8.90	75.80	CGS	013				
828	1962 02 28	19.70	68.80	CGS	010	C D			
829	1962 03 01	15.70	74.30	CGS	028				
830	1962 03 04	10.60	75.20	CGS	012				
831	1962 03 12	13.90	72.60	CGS	008				
832	1962 03 12	2.90	80.20	CGS	005				
833	1962 03 14	8.20	75.00	CGS	013				
834	1962 03 19	2.30	77.10	CGS	012				
835	1962 03 19	16.80	73.50	CGS	006				
836	1962 03 21	4.40	80.70	CGS	011				
837	1962 03 22	14.90	70.70	CGS	005				
838	1962 04 03	9.60	74.70	CGS	009	C D			
839	1962 04 07	6.30	79.90	CGS	005				
840	1962 04 18	10.00	79.00	CGS	017				
841	1962 04 19	9.80	78.90	CGS	012				
842	1962 04 19	9.40	79.00	CGS	012				
843	1962 04 24	2.20	76.10	CGS	014				
844	1962 05 04	0.90	80.80	CGS	012				
845	1962 05 19	13.40	76.70	CGS	019				
846	1962 05 25	2.50	79.10	CGS	012				
847	1962 06 04	16.70	73.20	CGS	005				
848	1962 06 14	1.90	76.90	CGS	013	C D			
849	1962 06 16	9.70	79.10	CGS	012				
850	1962 06 21	1.20	77.40	CGS	008				
851	1962 07 08	14.40	75.50	CGS	006				
852	1962 07 08	2.60	78.00	CGS	005				
853	1962 07 10	6.50	75.20	CGS	006				
854	1962 07 13	11.90	75.10	CGS	015				
855	1962 07 15	9.30	78.90	CGS	007				
856	1962 07 16	11.20	79.80	CGS	020				
857	1962 07 25	14.40	76.10	CGS	014				
858	1962 07 25	14.30	75.50	CGS	012	C D			
859	1962 07 25	16.30	75.00	CGS	005				
860	1962 07 26	4.70	80.90	CGS	013				

## EARTHQUAKE CATALOG OF PERU

II-21

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
861	1962 07 28	4.10	79.70	CGS	006				
862	1962 07 30	2.50	77.00	CGS	008				
863	1962 08 17	4.70	79.40	CGS	018				
864	1962 08 24	17.50	70.40	CGS	010				
865	1962 08 29	8.00	73.60	CGS	008				
866	1962 08 30	17.40	69.80	CGS	008				
867	1962 09 09	15.60	73.40	CGS	020				
868	1962 09 20	4.50	80.50	CGS	008				
869	1962 09 20	15.50	76.10	CGS	009				
870	1962 09 22	15.50	73.10	CGS	005				
871	1962 09 26	15.20	72.40	CGS	005				
872	1962 09 27	18.40	68.70	CGS	008				
873	1962 09 28	13.80	76.70	CGS	009				
874	1962 09 29	20.00	68.00	CGS	014				
875	1962 09 29	17.10	70.50	CGS	006				
876	1962 10 06	1.50	77.40	CGS	008				
877	1962 10 10	3.10	78.40	CGS	011				
878	1962 10 11	6.50	81.00	CGS	006				
879	1962 10 11	1.30	80.40	CGS	014				
880	1962 10 12	4.10	80.30	CGS	005				
881	1962 10 20	17.20	69.70	CGS	006				
882	1962 11 01	1.50	77.80	CGS	012				
883	1962 11 06	4.00	79.80	CGS	017				
884	1962 11 08	15.10	75.40	CGS	024				
885	1962 11 11	1.20	78.80	CGS	005				
886	1962 11 15	8.70	79.80	CGS	049				
887	1962 11 16	1.00	78.60	CGS	023	D			
888	1962 11 22	1.70	76.90	CGS	015				
889	1962 11 23	15.10	75.60	CGS	043				
890	1962 11 23	15.30	76.00	CGS	023				
891	1962 11 25	11.90	77.30	CGS	005				
892	1962 12 05	10.30	77.90	CGS	009				
893	1962 12 21	0.90	80.90	CGS	025	F			
894	1962 12 22	1.10	81.00	CGS	010				
895	1962 12 24	8.40	78.70	CGS	009				
896	1963 01 05	7.40	73.40	CGS	012				
897	1963 01 05	7.10	71.60	CGS	027				
898	1963 01 06	2.00	80.80	CGS	030				
899	1963 01 16	3.90	76.80	CGS	008				
900	1963 01 17	10.70	79.00	CGS	014				
901	1963 01 17	8.30	75.10	CGS	017				
902	1963 01 22	11.60	75.00	CGS	015				
903	1963 01 28	11.20	76.90	CGS	034				



II-22

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
904	1963 02 03	9.10	77.10	CGS	008				
905	1963 02 08	15.40	72.30	CGS	007				
906	1963 02 16	8.50	80.10	CGS	008				
907	1963 02 24	15.10	72.50	CGS	025				
908	1963 02 27	1.20	79.00	CGS	013				
909	1963 02 27	15.10	73.60	CGS	029				
910	1963 02 27	6.30	81.00	CGS	008				
911	1963 03 04	4.50	81.60	CGS	053				
912	1963 03 04	15.80	75.30	CGS	022				
913	1963 03 05	4.50	81.50	CGS	055				
914	1963 03 23	10.50	71.00	CGS	009				
915	1963 03 30	1.50	77.70	CGS	010				
916	1963 03 30	6.30	80.60	CGS	005				
917	1963 03 31	6.60	81.20	CGS	046				
918	1963 03 31	10.80	78.50	CGS	024				
919	1963 04 03	4.80	78.40	CGS	007				
920	1963 04 04	16.30	73.00	CGS	010				
921	1963 04 06	18.00	69.90	CGS	009				
922	1963 04 13	6.30	76.70	USE	062				
923	1963 04 26	16.60	73.70	CGS	007				
924	1963 04 26	18.20	69.30	CGS	030				
925	1963 04 28	11.70	78.10	CGS	018				
926	1963 04 30	8.30	80.00	CGS	031				
927	1963 05 10	8.00	74.40	CGS	017				
928	1963 05 10	2.10	77.60	CGS	067				
929	1963 05 11	2.90	79.20	CGS	008				
930	1963 05 12	2.70	77.00	CGS	006				
931	1963 05 17	14.10	73.90	CGS	027				
932	1963 05 19	17.70	69.40	CGS	040				
933	1963 05 23	1.60	80.80	CGS	024				
934	1963 05 26	16.90	72.40	CGS	029				
935	1963 05 26	5.50	81.20	CGS	010				
936	1963 05 31	17.90	68.30	CGS	017				
937	1963 06 01	15.10	72.00	CGS	006				
938	1963 06 08	2.30	77.80	CGS	012				
939	1963 06 18	5.30	78.50	CGS	007				
940	1963 06 20	7.60	74.70	CGS	006				
941	1963 06 20	2.30	77.50	CGS	008				
942	1963 06 21	4.90	81.20	CGS	009				
943	1963 06 24	15.30	69.40	CGS	005				
944	1963 06 25	15.90	75.20	CGS	009				
945	1963 06 27	11.70	77.60	CGS	009				
946	1963 06 30	7.30	75.20	CGS	013				

## EARTHQUAKE CATALOG OF PERU

II-23

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
947	1963 06 30	8.80	77.90	CGS	010				
948	1963 07 02	2.40	77.80	CGS	019				
949	1963 07 02	14.70	70.50	CGS	006				
950	1963 07 05	11.60	77.50	CGS	042				
951	1963 07 05	3.20	77.80	CGS	009				
952	1963 07 10	16.30	72.20	CGS	015				
953	1963 07 18	18.50	69.30	CGS	013				
954	1963 07 22	3.20	76.00	CGS	007				
955	1963 07 22	12.50	73.70	CGS	006				
956	1963 07 25	2.40	77.80	CGS	006				
957	1963 07 26	9.70	78.50	CGS	031				
958	1963 07 28	19.20	71.90	CGS	009				
959	1963 07 30	15.70	71.10	CGS	005				
960	1963 08 01	15.00	71.80	CGS	007				
961	1963 08 04	4.10	80.90	CGS	025				
962	1963 08 05	9.90	79.00	CGS	016				
963	1963 08 11	1.00	78.90	CGS	009				
964	1963 08 13	3.10	80.40	CGS	010				
965	1963 08 15	10.00	78.60	CGS	009				
966	1963 08 15	13.80	69.30	USE	052				
967	1963 08 18	14.20	71.90	CGS	007				
968	1963 08 20	0.00	80.90	CGS	005				
969	1963 08 22	14.50	71.80	CGS	005				
970	1963 08 27	17.70	70.10	CGS	008				
971	1963 08 29	7.10	81.60	CGS	025				
972	1963 08 31	15.90	74.40	CGS	010				
973	1963 09 02	14.10	76.40	CGS	012				
974	1963 09 10	14.60	73.60	CGS	005				
975	1963 09 17	15.30	72.60	CGS	005				
976	1963 09 17	10.60	78.20	CGS	040				
977	1963 09 17	1.50	77.90	CGS	013				
978	1963 09 19	2.60	78.00	CGS	013				
979	1963 09 19	18.10	69.30	CGS	005				
980	1963 09 20	17.40	69.60	CGS	007				
981	1963 09 20	11.30	77.60	CGS	014				
982	1963 09 20	17.80	68.80	CGS	029				
983	1963 09 23	16.10	71.90	CGS	006				
984	1963 09 24	10.60	78.00	CGS	051				
985	1963 10 02	1.70	76.00	CGS	006				
986	1963 10 06	9.00	75.00	CGS	006				
987	1963 10 06	15.40	69.90	CGS	006				
988	1963 10 07	12.90	76.80	CGS	028				
989	1963 10 08	6.60	71.60	CGS	006				

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
990	1963 10 12	17.00	69.50	CGS	008				
991	1963 10 14	2.30	77.60	CGS	024				
992	1963 10 19	18.30	71.20	CGS	018				
993	1963 10 22	16.00	70.50	CGS	006				
994	1963 10 26	2.70	77.80	CGS	007				
995	1963 10 27	14.70	71.70	CGS	007				
996	1963 10 28	13.60	76.90	CGS	010				
997	1963 10 30	4.80	77.90	CGS	029				
998	1963 10 31	4.90	77.70	CGS	013				
999	1963 11 02	12.50	74.70	CGS	009				
1000	1963 11 03	3.50	77.80	CGS	066				
1001	1963 11 03	4.30	78.30	CGS	008				
1002	1963 11 03	15.60	73.30	CGS	013				
1003	1963 11 03	3.70	78.30	CGS	014				
1004	1963 11 04	15.00	75.80	CGS	010				
1005	1963 11 06	12.80	73.90	CGS	010				
1006	1963 11 06	4.20	77.70	CGS	009				
1007	1963 11 06	16.70	69.70	CGS	023				
1008	1963 11 08	3.70	78.20	CGS	008				
1009	1963 11 09	9.00	71.50	USE	075				
1010	1963 11 09	8.50	72.10	CGS	019				
1011	1963 11 10	9.20	71.50	CGS	058				
1012	1963 11 10	9.40	71.30	CGS	011				
1013	1963 11 11	9.10	71.40	CGS	036				
1014	1963 11 12	15.80	72.40	CGS	005				
1015	1963 11 13	8.90	71.50	CGS	006				
1016	1963 11 15	4.70	76.80	CGS	010				
1017	1963 11 16	2.20	80.00	CGS	013				
1018	1963 11 18	16.50	74.50	CGS	005				
1019	1963 11 19	18.60	72.20	CGS	009				
1020	1963 11 22	18.80	69.60	CGS	011				
1021	1963 11 23	16.70	70.60	CGS	008				
1022	1963 11 27	16.60	72.10	CGS	020				
1023	1963 11 29	15.10	73.70	CGS	010				
1024	1963 12 04	8.30	83.10	CGS	011				
1025	1963 12 04	7.10	80.40	CGS	014				
1026	1963 12 06	7.10	80.50	CGS	012				
1027	1963 12 10	8.70	79.80	CGS	011				
1028	1963 12 10	18.10	68.50	CGS	020				
1029	1963 12 13	2.70	78.40	CGS	010				
1030	1963 12 16	1.60	78.00	CGS	020				
1031	1963 12 18	7.40	76.00	CGS	005				
1032	1963 12 19	8.30	80.80	CGS	007				

## EARTHQUAKE CATALOG OF PERU

11-25

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1033	1963 12 19	9.70	79.10	CGS	028				
1034	1963 12 20	5.20	80.80	CGS	027				
1035	1963 12 27	13.40	72.70	CGS	008				
1036	1963 12 29	18.50	69.70	CGS	041				
1037	1963 12 30	19.20	69.40	CGS	005				
1038	1963 12 30	18.30	70.10	CGS	005				
1039	1963 12 30	2.50	78.40	CGS	008				
1040	1964 01 03	19.40	69.20	CGS	006				
1041	1964 01 03	5.00	77.30	CGS	009				
1042	1964 01 03	1.50	79.30	CGS	005				
1043	1964 01 05	8.00	74.50	CGS	048				
1044	1964 01 08	19.30	69.00	CGS	005				
1045	1964 01 10	15.80	70.30	CGS	008				
1046	1964 01 12	10.90	74.60	CGS	008				
1047	1964 01 12	19.30	69.30	CGS	008				
1048	1964 01 17	3.40	77.50	CGS	006				
1049	1964 01 18	17.90	69.50	CGS	006				
1050	1964 01 21	19.70	69.10	CGS	007				
1051	1964 01 23	2.50	80.10	CGS	006				
1052	1964 01 26	16.30	71.70	CGS	077				
1053	1964 01 28	14.20	72.10	CGS	005				
1054	1964 01 30	19.80	69.80	ISC	009				
1055	1964 01 31	0.20	77.90	CGS	024				
1056	1964 02 01	3.50	78.00	CGS	026				
1057	1964 02 04	4.00	80.40	CGS	009				
1058	1964 02 04	3.80	80.80	CGS	014				
1059	1964 02 05	14.30	73.70	CGS	005				
1060	1964 02 14	19.80	68.00	CGS	010				
1061	1964 02 14	16.10	73.20	CGS	005				
1062	1964 02 15	7.60	75.70	CGS	009				
1063	1964 02 16	7.60	75.90	CGS	015				
1064	1964 02 17	19.10	69.30	CGS	009				
1065	1964 02 18	8.30	78.00	ISC	005				
1066	1964 02 19	17.10	70.70	CGS	006				
1067	1964 02 20	9.50	74.60	CGS	011				
1068	1964 02 20	14.10	76.00	CGS	010				
1069	1964 02 21	6.80	80.90	CGS	014				
1070	1964 02 21	7.70	79.50	CGS	007				
1071	1964 02 23	17.20	74.20	CGS	011				
1072	1964 02 24	3.37	78.00	ISC	005				
1073	1964 03 02	1.70	77.50	CGS	019				
1074	1964 03 06	19.70	70.50	CGS	046				
1075	1964 03 07	18.60	70.40	CGS	005				

II-26

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1076	1964 03 07	9.20	78.00	ISC	009				
1077	1964 03 10	18.20	70.60	CGS	006				
1078	1964 03 11	2.50	76.60	CGS	006				
1079	1964 03 14	7.80	75.40	CGS	007				
1080	1964 03 15	2.70	77.70	CGS	008				
1081	1964 03 19	18.60	69.90	CGS	006				
1082	1964 03 19	15.30	72.90	CGS	012				
1083	1964 03 20	2.00	79.70	CGS	037				
1084	1964 03 22	5.50	77.10	CGS	028				
1085	1964 03 22	14.20	75.60	CGS	006				
1086	1964 03 23	1.20	78.70	CGS	012				
1087	1964 03 24	5.20	78.60	CGS	006				
1088	1964 03 24	15.40	75.10	CGS	004				
1089	1964 03 25	7.50	74.30	CGS	006				
1090	1964 03 26	5.10	76.60	CGS	010				
1091	1964 04 01	2.80	80.10	CGS	017				
1092	1964 04 03	8.70	78.70	CGS	016				
1093	1964 04 08	15.60	72.70	CGS	007				
1094	1964 04 09	18.50	71.50	CGS	030				
1095	1964 04 10	14.37	75.70	ISC	012				
1096	1964 04 19	3.70	79.40	CGS	009				
1097	1964 04 19	13.80	75.30	CGS	024				
1098	1964 04 20	18.60	72.00	CGS	013				
1099	1964 04 21	17.50	70.60	CGS	008				
1100	1964 04 25	15.60	70.40	CGS	009				
1101	1964 04 25	15.60	69.40	CGS	010				
1102	1964 04 28	16.60	70.00	CGS	006				
1103	1964 04 29	3.40	77.70	CGS	014				
1104	1964 04 29	17.10	72.10	CGS	014				
1105	1964 05 01	18.60	69.50	CGS	005				
1106	1964 05 04	14.70	76.00	CGS	010				
1107	1964 05 05	17.70	68.90	CGS	011				
1108	1964 05 07	18.70	69.70	CGS	007				
1109	1964 05 09	5.80	81.30	CGS	017				
1110	1964 05 12	0.70	77.20	CGS	007				
1111	1964 05 14	15.30	70.60	CGS	006				
1112	1964 05 17	17.70	69.60	CGS	008				
1113	1964 05 17	7.90	74.30	CGS	006				
1114	1964 05 18	12.00	73.80	CGS	017				
1115	1964 05 19	0.70	80.20	CGS	077				
1116	1964 05 20	0.90	80.40	CGS	027				
1117	1964 05 23	16.00	69.00	CGS	009				
1118	1964 05 23	18.40	69.20	CGS	040				

## EARTHQUAKE CATALOG OF PERU

11-27

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1119	1964 05 27	16.90	70.20	CGS	006				
1120	1964 05 28	13.40	74.90	CGS	031				
1121	1964 05 31	9.20	79.50	CGS	010				
1122	1964 06 01	18.10	70.60	CGS	005				
1123	1964 06 01	1.00	78.10	CGS	007				
1124	1964 06 03	5.20	78.60	CGS	007				
1125	1964 06 04	9.60	76.10	CGS	015				
1126	1964 06 06	14.93	72.10	ISC	006				
1127	1964 06 06	8.30	79.30	CGS	009				
1128	1964 06 08	8.18	74.34	ISC	007				
1129	1964 06 09	4.77	77.90	ISC	013				
1130	1964 06 09	0.20	78.90	CGS	020				
1131	1964 06 16	18.00	71.70	ISC	008				
1132	1964 06 21	14.90	73.30	CGS	016				
1133	1964 06 22	2.56	78.10	ISC	011				
1134	1964 06 23	3.70	78.10	CGS	016				
1135	1964 06 23	2.70	80.00	CGS	031				
1136	1964 06 23	2.60	77.70	CGS	011				
1137	1964 06 24	3.50	77.40	CGS	005				
1138	1964 06 28	13.40	71.50	CGS	006				
1139	1964 06 29	1.80	78.40	CGS	008				
1140	1964 07 01	17.10	69.10	CGS	024				
1141	1964 07 01	14.30	73.10	CGS	028				
1142	1964 07 02	11.60	74.40	CGS	014				
1143	1964 07 04	15.50	72.50	CGS	023				
1144	1964 07 05	1.20	78.30	CGS	011				
1145	1964 07 05	10.24	75.11	ISC	011				
1146	1964 07 10	16.00	71.60	CGS	012				
1147	1964 07 11	2.60	77.60	CGS	007				
1148	1964 07 18	18.40	70.90	CGS	014				
1149	1964 07 21	20.00	69.80	CGS	015				
1150	1964 07 27	1.70	77.90	CGS	018				
1151	1964 08 02	17.30	69.80	CGS	007				
1152	1964 08 04	5.10	78.60	CGS	006				
1153	1964 08 04	15.70	70.10	CGS	008				
1154	1964 08 09	1.70	78.80	CGS	007				
1155	1964 08 10	16.70	70.80	CGS	025				
1156	1964 08 13	5.90	81.10	CGS	007				
1157	1964 08 17	12.10	75.30	CGS	006				
1158	1964 08 18	7.20	74.40	CGS	018				
1159	1964 08 19	6.90	75.50	CGS	009				
1160	1964 08 24	1.50	78.10	CGS	014				
1161	1964 09 04	18.30	69.00	CGS	017				

II-28

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1162	1964 09 05	19.20	69.30	CGS	017				
1163	1964 09 10	4.80	81.30	CGS	017				
1164	1964 09 14	17.90	69.70	CGS	005				
1165	1964 09 17	15.60	72.90	CGS	022				
1166	1964 09 19	5.60	81.00	CGS	017				
1167	1964 09 21	7.20	74.30	CGS	013				
1168	1964 09 29	8.60	74.50	CGS	010				
1169	1964 09 29	16.40	69.30	CGS	007				
1170	1964 10 01	19.70	68.80	CGS	010				
1171	1964 10 02	8.90	79.70	CGS	009				
1172	1964 10 03	10.70	75.30	CGS	016				
1173	1964 10 06	13.40	75.80	CGS	007				
1174	1964 10 07	6.30	78.60	CGS	006				
1175	1964 10 08	2.60	79.10	CGS	008				
1176	1964 10 11	17.90	71.50	CGS	024				
1177	1964 10 13	13.20	76.50	CGS	009				
1178	1964 10 17	13.60	72.70	CGS	009				
1179	1964 10 21	6.50	80.70	CGS	005				
1180	1964 10 25	2.00	77.20	CGS	025				
1181	1964 10 25	2.00	79.00	CGS	026				
1182	1964 10 28	13.40	72.60	CGS	009				
1183	1964 11 02	4.10	76.90	CGS	071				
1184	1964 11 04	19.70	69.20	CGS	021				
1185	1964 11 11	13.40	75.00	CGS	010				
1186	1964 11 12	18.00	69.80	CGS	017				
1187	1964 11 18	10.30	75.90	CGS	008				
1188	1964 11 18	13.10	75.00	CGS	024				
1189	1964 11 20	5.00	77.80	CGS	007				
1190	1964 11 21	19.90	70.40	CGS	010				
1191	1964 11 21	4.80	76.60	CGS	008				
1192	1964 11 23	20.00	70.30	ISC	009				
1193	1964 11 28	7.70	71.20	CGS	024				
1194	1964 11 28	8.00	71.40	CGS	017				
1195	1964 11 29	3.60	80.60	CGS	018				
1196	1964 11 29	4.80	79.30	CGS	011				
1197	1964 12 01	7.00	75.50	CGS	006				
1198	1964 12 03	19.50	69.20	CGS	007				
1199	1964 12 06	15.40	70.50	CGS	013				
1200	1964 12 07	5.50	80.30	CGS	008				
1201	1964 12 07	18.10	68.70	CGS	008				
1202	1964 12 07	6.40	76.20	CGS	018				
1203	1964 12 07	18.90	69.60	CGS	012				
1204	1964 12 09	1.10	77.40	CGS	015				

## EARTHQUAKE CATALOG OF PERU

II-29

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
1205	1964 12 15	7.20	76.90	CGS	009				
1206	1964 12 19	16.46	72.87	ISC	015				
1207	1964 12 20	18.60	69.50	CGS	009				
1208	1964 12 22	9.50	71.30	CGS	037				
1209	1964 12 23	19.70	68.50	CGS	009				
1210	1964 12 25	18.80	69.00	CGS	023				
1211	1964 12 26	16.70	72.20	ISC	007				
1212	1965 01 01	19.30	69.60	CGS	007				
1213	1965 01 02	16.00	70.40	CGS	009				
1214	1965 01 06	9.50	79.40	CGS	013				
1215	1965 01 06	0.80	81.50	CGS	016				
1216	1965 01 07	3.20	76.80	CGS	006				
1217	1965 01 07	14.70	69.30	CGS	007				
1218	1965 01 09	9.70	80.10	CGS	009				
1219	1965 01 10	3.30	81.40	CGS	016				
1220	1965 01 11	16.80	76.60	CGS	005				
1221	1965 01 12	9.70	75.00	CGS	027				
1222	1965 01 14	5.50	81.30	CGS	034				
1223	1965 01 16	2.20	79.80	CGS	012				
1224	1965 01 16	2.50	78.20	CGS	009				
1225	1965 01 16	19.70	68.70	CGS	009				
1226	1965 01 23	8.30	75.10	CGS	011				
1227	1965 01 25	10.60	75.40	CGS	007				
1228	1965 01 25	11.40	75.20	CGS	005				
1229	1965 01 26	0.40	81.10	CGS	006				
1230	1965 01 26	0.20	80.80	CGS	014				
1231	1965 01 26	13.10	76.10	CGS	005				
1232	1965 01 28	12.90	78.50	CGS	015				
1233	1965 01 29	18.90	70.90	ISC	015				
1234	1965 02 09	17.00	68.40	CGS	010				
1235	1965 02 11	1.40	77.80	CGS	018				
1236	1965 02 13	5.90	77.60	ISC	015				
1237	1965 02 18	9.90	71.20	CGS	029				
1238	1965 02 19	18.39	69.34	ISC	022				
1239	1965 02 19	7.52	74.68	ISC	009				
1240	1965 02 20	4.40	79.10	CGS	006				
1241	1965 02 20	18.40	72.40	CGS	020				
1242	1965 03 05	4.02	79.40	ISC	014				
1243	1965 03 06	1.20	78.40	CGS	011				
1244	1965 03 07	8.50	71.10	CGS	005				
1245	1965 03 09	13.50	72.70	CGS	008				
1246	1965 03 11	18.20	71.20	CGS	009	F			
1247	1965 03 12	5.80	77.80	CGS	029				



II-30

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1248	1965 03 14	0.40	80.80	CGS	006				
1249	1965 03 15	17.50	75.30	ISC	014				
1250	1965 03 20	19.00	69.60	CGS	015				
1251	1965 03 24	18.50	68.50	CGS	006	F			
1252	1965 03 28	19.00	69.20	CGS	011				
1253	1965 03 28	15.00	72.30	CGS	016				
1254	1965 03 28	15.70	74.10	CGS	031	F			
1255	1965 03 31	2.13	77.17	ISC	013				
1256	1965 04 04	8.80	74.50	CGS	042				
1257	1965 04 06	3.10	78.20	CGS	026				
1258	1965 04 08	8.30	80.10	CGS	014				
1259	1965 04 14	1.20	78.80	CGS	019				
1260	1965 04 15	5.72	75.60	ISC	017				
1261	1965 04 22	6.02	78.68	ISC	038				
1262	1965 04 24	17.70	69.60	CGS	013				
1263	1965 04 26	1.30	77.80	CGS	018				
1264	1965 04 27	13.80	76.00	CGS	014				
1265	1965 04 28	14.20	76.20	CGS	013				
1266	1965 05 01	1.70	77.90	CGS	009				
1267	1965 05 02	19.80	69.50	CGS	012				
1268	1965 05 04	16.50	73.20	CGS	016	F			
1269	1965 05 05	13.90	75.90	CGS	014				
1270	1965 05 08	13.50	71.40	CGS	006				
1271	1965 05 09	17.70	69.20	CGS	008				
1272	1965 05 09	2.90	77.40	CGS	016				
1273	1965 05 10	17.30	70.90	CGS	010	F			
1274	1965 05 11	6.70	80.90	ISC	015				
1275	1965 05 12	13.90	77.10	CGS	012				
1276	1965 05 19	1.80	79.50	CGS	007				
1277	1965 05 20	3.90	80.80	CGS	012				
1278	1965 05 25	19.30	69.60	CGS	025				
1279	1965 05 28	19.03	68.80	ISC	013				
1280	1965 05 29	9.90	74.10	CGS	007				
1281	1965 06 03	13.10	76.80	CGS	008				
1282	1965 06 04	9.10	79.10	CGS	006				
1283	1965 06 05	13.80	71.50	CGS	008				
1284	1965 06 06	1.40	80.50	CGS	011				
1285	1965 06 08	4.01	78.20	ISC	008				
1286	1965 06 11	17.60	70.30	CGS	008				
1287	1965 06 18	5.00	80.70	CGS	011				
1288	1965 06 18	11.10	73.60	CGS	059				
1289	1965 06 21	3.70	77.80	CGS	020				
1290	1965 06 22	18.40	69.30	CGS	025				

## EARTHQUAKE CATALOG OF PERU

II-31

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1291	1965 06 24	18.20	69.70	CGS	038	F			
1292	1965 06 24	15.50	70.20	CGS	011				
1293	1965 06 26	9.10	72.90	CGS	015				
1294	1965 06 27	2.60	77.00	CGS	030				
1295	1965 06 27	2.80	77.10	CGS	017				
1296	1965 06 30	14.20	75.60	CGS	006				
1297	1965 07 02	7.70	76.80	CGS	016				
1298	1965 07 02	7.60	76.90	CGS	015				
1299	1965 07 03	18.00	68.00	CGS	008				
1300	1965 07 05	15.60	68.00	CGS	006				
1301	1965 07 08	19.50	68.60	CGS	006				
1302	1965 07 08	9.70	79.70	CGS	007				
1303	1965 07 09	7.70	80.80	CGS	006				
1304	1965 07 13	13.20	75.10	CGS	008				
1305	1965 07 13	3.20	77.70	CGS	010				
1306	1965 07 13	2.90	78.80	CGS	015				
1307	1965 07 14	17.60	69.50	CGS	024				
1308	1965 07 14	17.10	69.30	CGS	012				
1309	1965 07 15	6.60	80.90	CGS	010				
1310	1965 07 23	8.80	79.50	CGS	036				
1311	1965 07 24	3.50	78.10	CGS	008				
1312	1965 07 28	15.70	73.90	CGS	006				
1313	1965 07 30	18.10	70.80	CGS	057	F			
1314	1965 07 30	15.10	70.80	CGS	012	F			
1315	1965 07 30	19.30	69.10	CGS	006				
1316	1965 07 30	1.50	78.10	CGS	026				
1317	1965 07 30	16.60	69.50	CGS	006				
1318	1965 07 31	19.40	68.80	CGS	006				
1319	1965 08 01	4.90	80.90	CGS	007				
1320	1965 08 01	16.70	71.40	CGS	008				
1321	1965 08 03	7.40	81.30	CGS	069				
1322	1965 08 05	17.30	69.60	CGS	009				
1323	1965 08 07	9.20	78.70	CGS	011				
1324	1965 08 08	19.60	68.70	CGS	015	F			
1325	1965 08 09	3.10	79.50	CGS	005				
1326	1965 08 09	1.40	78.70	CGS	032				
1327	1965 08 13	4.30	80.90	CGS	057				
1328	1965 08 18	1.90	78.20	CGS	007				
1329	1965 08 20	18.90	69.00	CGS	098	F			
1330	1965 08 22	19.60	71.00	CGS	007				
1331	1965 08 22	2.30	76.90	CGS	013				
1332	1965 08 22	7.80	74.50	CGS	025				
1333	1965 08 23	13.10	75.20	CGS	011				

II-32

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1334	1965 08 25	17.50	69.80	CGS	042	F			
1335	1965 09 06	9.30	75.90	CGS	012				
1336	1965 09 07	4.40	80.50	CGS	006				
1337	1965 09 08	11.10	73.80	CGS	013				
1338	1965 09 10	14.40	72.40	CGS	008				
1339	1965 09 11	11.40	75.30	CGS	007				
1340	1965 09 14	12.00	72.40	CGS	017				
1341	1965 09 14	9.89	76.10	ISC	023				
1342	1965 09 16	17.20	70.70	CGS	010				
1343	1965 09 17	1.50	77.70	CGS	106	F			
1344	1965 09 19	1.70	77.50	CGS	017				
1345	1965 09 19	15.60	74.40	CGS	016				
1346	1965 09 20	17.30	70.50	CGS	012				
1347	1965 09 20	6.30	75.00	CGS	029				
1348	1965 09 21	1.70	77.50	CGS	009				
1349	1965 09 24	9.69	79.10	ISC	032				
1350	1965 09 26	13.00	70.30	CGS	013				
1351	1965 09 26	13.80	73.00	CGS	008				
1352	1965 09 27	1.40	80.60	CGS	015				
1353	1965 09 30	3.10	79.00	CGS	007				
1354	1965 10 04	10.90	75.00	CGS	008				
1355	1965 10 05	16.50	72.50	CGS	008				
1356	1965 10 06	9.80	74.90	CGS	014				
1357	1965 10 08	8.30	76.00	CGS	039				
1358	1965 10 10	1.10	81.70	CGS	009				
1359	1965 10 10	7.70	74.60	CGS	009				
1360	1965 10 11	3.60	77.20	CGS	007				
1361	1965 10 11	10.80	75.00	CGS	006				
1362	1965 10 12	1.40	80.90	CGS	006				
1363	1965 10 17	15.90	73.20	CGS	015				
1364	1965 10 18	19.20	69.50	CGS	013				
1365	1965 10 19	8.50	74.40	CGS	009				
1366	1965 10 23	1.60	81.00	CGS	011				
1367	1965 10 25	1.10	81.00	CGS	006				
1368	1965 10 30	2.40	77.90	CGS	015				
1369	1965 10 31	1.60	77.60	CGS	008				
1370	1965 11 03	9.10	71.40	CGS	115				
1371	1965 11 06	9.40	79.00	CGS	021				
1372	1965 11 09	17.50	69.90	CGS	010				
1373	1965 11 10	17.90	69.50	CGS	017				
1374	1965 11 13	1.60	77.60	CGS	016				
1375	1965 11 16	17.20	69.00	CGS	006				
1376	1965 11 19	2.00	77.60	CGS	012				

## EARTHQUAKE CATALOG OF PERU

II-33

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1377	1965 11 21	11.30	73.50	CGS	006				
1378	1965 11 23	18.10	70.70	CGS	013				
1379	1965 11 24	9.50	74.80	CGS	007				
1380	1965 11 26	4.70	77.20	CGS	012				
1381	1965 11 29	6.00	78.60	CGS	062				
1382	1965 11 29	6.80	80.10	CGS	006				
1383	1965 11 30	18.40	70.90	CGS	015				
1384	1965 11 30	8.20	74.30	CGS	018				
1385	1965 12 02	16.50	69.60	CGS	053	F			
1386	1965 12 03	15.70	72.00	CGS	005				
1387	1965 12 03	3.60	77.70	CGS	026				
1388	1965 12 03	4.50	79.90	CGS	013				
1389	1965 12 04	3.90	79.20	CGS	008				
1390	1965 12 07	3.50	78.10	CGS	017				
1391	1965 12 07	18.90	69.50	CGS	020	F			
1392	1965 12 08	15.50	74.70	CGS	007				
1393	1965 12 08	18.40	69.30	CGS	005				
1394	1965 12 10	6.40	80.80	CGS	021				
1395	1965 12 11	18.40	69.30	CGS	008				
1396	1965 12 11	6.40	81.30	CGS	010				
1397	1965 12 12	1.50	77.60	CGS	015				
1398	1965 12 14	18.30	70.80	CGS	021				
1399	1965 12 19	14.70	73.50	CGS	036				
1400	1965 12 21	17.60	68.60	CGS	006				
1401	1965 12 25	1.90	81.50	CGS	007				
1402	1965 12 27	19.70	69.40	CGS	011				
1403	1965 12 28	3.20	77.10	CGS	048				
1404	1965 12 29	3.20	77.30	CGS	016				
1405	1965 12 30	16.60	71.10	CGS	079	F			
1406	1965 12 30	19.10	69.50	CGS	017				
1407	1966 01 01	16.30	73.40	CGS	005				
1408	1966 01 01	16.90	72.30	CGS	006				
1409	1966 01 01	7.80	74.70	CGS	010				
1410	1966 01 02	17.90	69.50	CGS	017				
1411	1966 01 04	15.30	70.90	CGS	045				
1412	1966 01 09	10.80	75.60	CGS	012				
1413	1966 01 12	2.30	77.10	CGS	035				
1414	1966 01 13	8.30	74.10	CGS	031				
1415	1966 01 17	3.40	79.30	CGS	005				
1416	1966 01 17	11.60	75.90	CGS	010				
1417	1966 01 18	3.60	80.90	CGS	010				
1418	1966 01 19	17.80	71.40	CGS	010	F			
1419	1966 01 20	14.90	75.70	CGS	023				

II-34

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1420	1966 01 20	0.50	79.70	CGS	008				
1421	1966 01 22	10.30	74.70	CGS	011				
1422	1966 01 28	3.50	81.30	CGS	011				
1423	1966 01 31	1.50	78.00	CGS	022				
1424	1966 02 01	18.30	69.80	CGS	007				
1425	1966 02 03	19.70	70.90	CGS	006				
1426	1966 02 05	14.90	71.50	CGS	008				
1427	1966 02 05	19.00	69.20	CGS	044				
1428	1966 02 07	14.40	73.80	CGS	015				
1429	1966 02 09	16.60	72.30	CGS	013	F			
1430	1966 02 09	15.20	75.30	CGS	055				
1431	1966 02 09	1.70	77.90	CGS	018				
1432	1966 02 10	16.70	73.90	CGS	023				
1433	1966 02 14	13.20	75.40	CGS	028				
1434	1966 02 15	8.60	70.30	CGS	006				
1435	1966 02 20	19.60	69.90	CGS	005				
1436	1966 02 20	1.30	80.50	CGS	006				
1437	1966 02 20	9.80	75.60	CGS	029				
1438	1966 02 23	15.40	72.70	CGS	015				
1439	1966 02 24	18.80	69.30	CGS	012				
1440	1966 02 26	3.50	77.60	CGS	007				
1441	1966 02 26	18.30	69.40	CGS	007				
1442	1966 02 27	15.00	75.70	CGS	009				
1443	1966 02 27	15.40	76.00	CGS	009				
1444	1966 03 04	1.23	80.10	ISC	009				
1445	1966 03 08	20.00	68.90	CGS	077	F			
1446	1966 03 11	19.60	69.30	CGS	057				
1447	1966 03 12	14.10	73.60	CGS	007				
1448	1966 03 15	18.00	69.30	CGS	009				
1449	1966 03 17	19.40	70.50	CGS	013				
1450	1966 03 22	19.70	69.50	CGS	006				
1451	1966 03 23	6.50	79.30	CGS	007				
1452	1966 03 23	7.20	74.70	CGS	026				
1453	1966 03 24	10.20	79.10	ISC	015				
1454	1966 03 28	4.00	80.90	CGS	054				
1455	1966 03 28	4.00	80.80	CGS	052				
1456	1966 03 28	4.00	80.70	CGS	007				
1457	1966 03 28	4.00	80.70	CGS	012				
1458	1966 03 28	4.00	80.90	CGS	026				
1459	1966 04 01	16.60	72.90	CGS	006				
1460	1966 04 03	10.20	79.60	CGS	020				
1461	1966 04 06	16.60	69.70	CGS	008				
1462	1966 04 06	3.80	81.70	CGS	016				

## EARTHQUAKE CATALOG OF PERU

II-35

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1463	1966 04 09	0.80	78.10	CGS	008				
1464	1966 04 11	19.90	68.80	CGS	013				
1465	1966 04 12	17.70	69.70	CGS	017				
1466	1966 04 15	2.90	80.40	CGS	008				
1467	1966 04 27	17.60	70.90	CGS	020	F			
1468	1966 04 27	19.80	69.30	CGS	007				
1469	1966 05 01	6.90	77.00	CGS	011				
1470	1966 05 01	8.40	74.30	CGS	115				
1471	1966 05 02	8.30	74.10	CGS	021				
1472	1966 05 02	17.00	69.60	CGS	012				
1473	1966 05 02	16.80	68.90	CGS	013				
1474	1966 05 07	15.20	68.80	CGS	006				
1475	1966 05 07	5.20	76.20	CGS	010				
1476	1966 05 09	17.90	69.20	CGS	006				
1477	1966 05 11	7.10	74.50	CGS	009				
1478	1966 05 13	15.40	70.80	CGS	009				
1479	1966 05 14	15.70	68.90	CGS	007				
1480	1966 05 15	1.50	78.00	CGS	017				
1481	1966 05 19	17.60	71.90	CGS	013	F			
1482	1966 05 20	19.40	69.80	CGS	010				
1483	1966 05 21	8.10	74.40	CGS	021				
1484	1966 05 24	2.30	77.60	CGS	015				
1485	1966 05 25	17.60	70.90	CGS	011	F			
1486	1966 05 25	9.60	77.10	CGS	016				
1487	1966 05 26	17.20	73.10	CGS	016				
1488	1966 05 29	17.40	69.40	CGS	007				
1489	1966 05 31	8.40	74.40	CGS	021				
1490	1966 06 01	16.50	73.40	CGS	010				
1491	1966 06 02	15.60	71.90	CGS	018				
1492	1966 06 02	14.10	75.80	CGS	010				
1493	1966 06 04	15.70	74.60	CGS	015				
1494	1966 06 04	15.80	74.40	CGS	011				
1495	1966 06 04	19.80	69.00	CGS	037	F			
1496	1966 06 05	6.30	81.40	CGS	011				
1497	1966 06 05	17.30	70.60	CGS	013				
1498	1966 06 05	9.80	71.00	ISC	013				
1499	1966 06 07	14.90	75.90	CGS	107				
1500	1966 06 07	14.90	76.20	CGS	018				
1501	1966 06 07	12.30	74.30	ISC	008				
1502	1966 06 07	15.00	75.80	CGS	044				
1503	1966 06 07	15.10	75.80	CGS	050				
1504	1966 06 08	15.30	76.00	CGS	024				
1505	1966 06 08	19.70	69.30	CGS	014				

II-36

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1506	1966 06 10	14.80	76.10	CGS	032				
1507	1966 06 10	14.40	75.40	CGS	012				
1508	1966 06 11	14.60	75.80	CGS	015				
1509	1966 06 14	18.20	68.60	CGS	021				
1510	1966 06 16	1.50	80.60	CGS	012				
1511	1966 06 18	15.10	75.60	CGS	009				
1512	1966 06 19	14.80	75.80	CGS	031				
1513	1966 06 20	14.40	75.60	CGS	007				
1514	1966 06 20	17.30	72.50	CGS	006				
1515	1966 06 21	4.30	77.00	CGS	016				
1516	1966 06 23	17.20	70.30	CGS	014				
1517	1966 06 29	2.20	77.80	CGS	009				
1518	1966 06 30	6.80	76.80	CGS	020				
1519	1966 07 03	17.00	69.50	CGS	014				
1520	1966 07 05	15.80	75.80	CGS	021				
1521	1966 07 06	15.50	75.60	CGS	037				
1522	1966 07 13	2.20	77.40	CGS	015				
1523	1966 07 15	9.50	78.80	CGS	010				
1524	1966 07 17	16.20	71.90	CGS	007				
1525	1966 07 20	19.40	70.50	CGS	009				
1526	1966 07 21	15.20	70.80	CGS	010				
1527	1966 07 22	6.30	81.10	CGS	027				
1528	1966 07 25	0.80	78.40	CGS	006				
1529	1966 07 26	11.20	74.90	CGS	013				
1530	1966 07 27	18.10	71.90	CGS	010				
1531	1966 07 29	12.70	71.10	CGS	010				
1532	1966 07 31	15.90	75.80	CGS	017				
1533	1966 08 01	1.20	78.60	CGS	031				
1534	1966 08 01	17.80	70.60	CGS	031	F			
1535	1966 08 02	19.80	69.00	CGS	008				
1536	1966 08 06	7.40	74.70	CGS	043				
1537	1966 08 07	17.50	72.20	CGS	011				
1538	1966 08 09	19.00	69.30	CGS	008				
1539	1966 08 09	17.40	69.60	CGS	012				
1540	1966 08 11	18.90	69.60	CGS	011				
1541	1966 08 14	14.50	68.90	CGS	009				
1542	1966 08 20	3.20	77.30	CGS	098				
1543	1966 08 21	15.50	70.20	CGS	007				
1544	1966 08 21	4.10	79.10	CGS	010				
1545	1966 08 23	10.80	78.10	CGS	008				
1546	1966 08 24	19.90	69.10	CGS	080	F			
1547	1966 08 24	7.70	74.30	CGS	018				
1548	1966 08 24	1.50	77.50	CGS	028				

## EARTHQUAKE CATALOG OF PERU

II-37

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1549	1966 08 26	13.70	76.80	CGS	014				
1550	1966 08 27	11.50	76.50	CGS	009				
1551	1966 08 27	10.80	79.00	CGS	007				
1552	1966 08 29	18.50	71.60	CGS	019				
1553	1966 08 31	8.30	74.30	CGS	008				
1554	1966 08 31	14.60	75.30	CGS	008				
1555	1966 09 03	3.60	77.80	CGS	013				
1556	1966 09 04	19.70	69.30	CGS	015				
1557	1966 09 04	17.90	74.00	CGS	044				
1558	1966 09 06	4.90	76.80	CGS	014				
1559	1966 09 07	9.30	74.60	CGS	018				
1560	1966 09 07	8.80	79.90	CGS	011				
1561	1966 09 09	8.30	74.20	CGS	034				
1562	1966 09 09	16.30	71.80	CGS	008				
1563	1966 09 10	0.00	81.00	CGS	010				
1564	1966 09 10	5.10	78.60	CGS	009				
1565	1966 09 15	20.00	69.10	CGS	013				
1566	1966 09 17	5.00	77.40	CGS	011				
1567	1966 09 18	15.40	76.50	CGS	005				
1568	1966 09 20	15.20	75.50	CGS	023				
1569	1966 09 24	19.40	69.60	CGS	011				
1570	1966 09 25	19.70	69.50	CGS	022				
1571	1966 09 27	18.40	68.50	CGS	010				
1572	1966 09 29	18.50	69.80	CGS	006				
1573	1966 09 30	18.20	69.60	CGS	078				
1574	1966 10 08	19.70	68.80	CGS	012				
1575	1966 10 10	1.60	78.90	CGS	007				
1576	1966 10 10	19.70	70.80	CGS	016				
1577	1966 10 10	19.90	71.10	CGS	006				
1578	1966 10 11	19.80	71.00	CGS	010				
1579	1966 10 12	4.70	80.90	CGS	020				
1580	1966 10 13	8.70	74.30	CGS	079				
1581	1966 10 14	6.80	71.20	CGS	020				
1582	1966 10 15	19.80	71.10	CGS	012				
1583	1966 10 16	19.80	71.00	CGS	050				
1584	1966 10 16	9.30	75.90	CGS	012				
1585	1966 10 16	19.90	71.00	CGS	010				
1586	1966 10 17	13.50	74.60	CGS	024				
1587	1966 10 17	10.70	78.80	CGS	164			I	T
1588	1966 10 17	10.60	78.20	CGS	018				
1589	1966 10 17	10.70	78.70	CGS	010				
1590	1966 10 17	10.30	78.60	CGS	034				
1591	1966 10 17	10.70	78.80	CGS	024				



NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1592	1966 10 17	10.00	79.50	CGS	041				
1593	1966 10 18	10.80	78.90	CGS	014				
1594	1966 10 18	10.10	78.60	CGS	009				
1595	1966 10 18	10.60	78.90	CGS	014				
1596	1966 10 18	11.30	78.50	CGS	016				
1597	1966 10 18	10.60	79.50	CGS	032				
1598	1966 10 18	11.00	78.80	CGS	007				
1599	1966 10 18	10.80	79.20	CGS	022				
1600	1966 10 18	10.90	79.20	CGS	019				
1601	1966 10 19	10.80	79.00	CGS	013				
1602	1966 10 19	10.30	79.50	CGS	025				
1603	1966 10 19	11.10	79.10	CGS	013				
1604	1966 10 19	11.40	78.40	CGS	013				
1605	1966 10 19	10.80	79.00	CGS	025				
1606	1966 10 19	10.80	79.00	CGS	007				
1607	1966 10 20	12.00	71.70	CGS	012				
1608	1966 10 20	10.70	79.00	CGS	017				
1609	1966 10 23	11.10	79.10	CGS	014				
1610	1966 10 23	10.80	79.00	CGS	033				
1611	1966 10 25	10.70	78.80	CGS	011				
1612	1966 10 27	15.50	76.10	CGS	008				
1613	1966 10 27	15.10	72.10	CGS	013				
1614	1966 10 27	10.00	79.50	CGS	024				
1615	1966 10 29	10.90	77.60	CGS	009				
1616	1966 10 29	10.70	78.90	CGS	031				
1617	1966 10 29	10.70	79.00	CGS	015				
1618	1966 10 31	19.90	71.20	CGS	012				
1619	1966 11 03	15.40	75.30	CGS	017				
1620	1966 11 04	4.40	77.80	CGS	028				
1621	1966 11 04	4.40	77.80	CGS	022				
1622	1966 11 07	19.70	69.40	CGS	007				
1623	1966 11 07	7.70	75.90	CGS	028				
1624	1966 11 08	10.60	78.50	CGS	009				
1625	1966 11 09	14.90	71.70	CGS	014				
1626	1966 11 11	1.20	79.20	CGS	008				
1627	1966 11 12	18.20	70.20	ISC	012				
1628	1966 11 13	11.00	74.70	CGS	027				
1629	1966 11 13	8.30	74.20	CGS	065				
1630	1966 11 14	7.60	71.30	ISC	006				
1631	1966 11 14	18.40	69.40	CGS	052				
1632	1966 11 14	19.10	69.20	CGS	017				
1633	1966 11 15	15.20	72.70	CGS	005				
1634	1966 11 16	17.00	72.90	CGS	018				

## EARTHQUAKE CATALOG OF PERU

II-39

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1635	1966 11 19	16.10	74.30	CGS	005				
1636	1966 11 19	10.70	79.10	CGS	038				
1637	1966 11 20	12.20	76.50	CGS	013				
1638	1966 11 20	15.40	69.50	CGS	007				
1639	1966 11 25	11.30	73.70	ISC	027				
1640	1966 12 01	15.20	73.10	CGS	014				
1641	1966 12 01	8.80	79.40	CGS	005				
1642	1966 12 07	1.60	80.30	CGS	007				
1643	1966 12 08	1.50	80.50	CGS	015				
1644	1966 12 09	14.20	70.10	CGS	031				
1645	1966 12 09	10.60	78.90	CGS	017				
1646	1966 12 10	19.80	71.30	CGS	006				
1647	1966 12 13	12.40	75.10	CGS	007				
1648	1966 12 14	15.70	70.60	CGS	009				
1649	1966 12 14	12.60	75.00	CGS	015				
1650	1966 12 16	16.30	72.50	CGS	005				
1651	1966 12 18	10.60	79.00	CGS	031				
1652	1966 12 19	16.00	71.90	CGS	030				
1653	1966 12 21	19.70	69.20	CGS	006				
1654	1966 12 22	15.10	72.00	CGS	011				
1655	1966 12 23	7.40	74.70	CGS	057				
1656	1966 12 26	19.80	69.80	ISC	012				
1657	1966 12 26	10.80	79.00	CGS	013				
1658	1967 01 01	17.19	70.68	CGS	019				
1659	1967 01 03	1.25	77.68	CGS	033				
1660	1967 01 04	14.51	70.71	CGS*	006				
1661	1967 01 12	18.35	70.42	CGS	029				
1662	1967 01 20	15.23	73.52	CGS	019				
1663	1967 01 22	19.10	69.11	CGS	018				
1664	1967 01 26	18.68	69.60	CGS	011				
1665	1967 01 27	8.86	71.42	CGS	050				
1666	1967 01 29	4.63	77.84	CGS	013				
1667	1967 02 01	16.69	72.78	CGS	029	F	4		
1668	1967 02 04	19.82	69.25	CGS	019				
1669	1967 02 05	5.10	80.56	CGS	011				
1670	1967 02 05	12.85	74.00	CGS*	006				
1671	1967 02 08	18.32	70.04	CGS	009				
1672	1967 02 08	19.17	69.62	CGS	014				
1673	1967 02 10	16.32	69.58	CGS	016				
1674	1967 02 11	15.13	72.03	CGS*	011				
1675	1967 02 13	5.18	75.41	CGS	051				
1676	1967 02 15	9.07	71.38	CGS	223				
1677	1967 02 15	8.60	80.60	ISC	009				

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1678	1967 02 17	15.91	71.23	CGS*	012				
1679	1967 02 18	10.47	75.03	ISC	008				
1680	1967 03 01	19.39	69.56	CGS	006				
1681	1967 03 02	0.23	78.61	CGS	156				
1682	1967 03 05	1.43	77.81	CGS	010				
1683	1967 03 07	1.61	78.27	CGS	017				
1684	1967 03 09	17.14	73.33	CGS*	006				
1685	1967 03 09	17.65	69.68	CGS	025				
1686	1967 03 09	19.13	69.60	CGS	014				
1687	1967 03 13	18.14	69.36	CGS	008				
1688	1967 03 19	10.80	74.79	CGS	014				
1689	1967 03 22	10.77	78.96	CGS	028				
1690	1967 03 22	11.07	79.24	CGS	021				
1691	1967 03 24	6.72	74.98	CGS	030				
1692	1967 03 25	8.34	71.32	CGS	015				
1693	1967 03 26	10.36	73.85	CGS	032				
1694	1967 03 27	8.91	71.35	CGS	138				
1695	1967 03 28	16.17	74.34	CGS*	006				
1696	1967 03 28	5.03	81.04	CGS	020				
1697	1967 03 31	2.34	76.39	CGS	013				
1698	1967 04 02	8.63	75.87	CGS	013				
1699	1967 04 02	10.25	75.80	CGS*	013				
1700	1967 04 02	1.37	79.38	CGS*	005				
1701	1967 04 02	8.55	74.37	CGS*	006				
1702	1967 04 05	16.21	73.29	CGS	016				
1703	1967 04 07	16.12	72.90	CGS	017	F	4		
1704	1967 04 10	8.53	72.93	CGS	017				
1705	1967 04 13	6.16	76.52	CGS	028				
1706	1967 04 18	1.15	80.89	CGS	012				
1707	1967 04 19	1.12	80.90	CGS	022				
1708	1967 04 21	16.47	69.68	CGS	012				
1709	1967 04 22	5.76	79.82	CGS	011				
1710	1967 04 24	6.31	80.39	CGS	014				
1711	1967 04 28	2.78	79.43	CGS	014				
1712	1967 04 29	3.99	76.14	CGS	021				
1713	1967 04 30	8.49	74.87	CGS	039				
1714	1967 05 05	18.82	71.22	CGS	010				
1715	1967 05 08	8.30	78.90	CGS*	006				
1716	1967 05 10	16.20	72.00	ISC	008				
1717	1967 05 10	3.86	79.82	CGS*	006				
1718	1967 05 10	15.67	76.33	CGS*	005				
1719	1967 05 12	7.15	73.11	CGS*	005				
1720	1967 05 14	11.20	77.70	ISC	008				

## EARTHQUAKE CATALOG OF PERU

II-41

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1721	1967 05 15	10.27	74.62	CGS	059	D			
1722	1967 05 16	15.84	75.29	CGS	028				
1723	1967 05 17	7.53	81.47	CGS*	009				
1724	1967 05 17	8.43	80.12	CGS*	014				
1725	1967 05 18	0.96	78.78	CGS	029				
1726	1967 05 20	16.17	75.31	CGS	024				
1727	1967 05 21	16.54	75.57	CGS	006				
1728	1967 06 01	9.80	75.70	CGS	012				
1729	1967 06 03	10.80	79.00	CGS	033				
1730	1967 06 03	8.50	74.40	CGS	055				
1731	1967 06 04	15.70	75.60	CGS	007				
1732	1967 06 04	15.50	75.70	CGS	032				
1733	1967 06 07	1.00	78.70	CGS	024				
1734	1967 06 08	11.30	76.90	CGS	015				
1735	1967 06 09	18.60	71.50	CGS	012				
1736	1967 06 09	11.30	79.40	CGS	005				
1737	1967 06 10	18.80	69.60	CGS	007				
1738	1967 06 11	8.20	74.20	CGS	010				
1739	1967 06 14	14.90	73.40	CGS	054				
1740	1967 06 16	15.00	75.60	CGS	021				
1741	1967 06 18	4.00	81.10	CGS	023				
1742	1967 06 21	12.30	77.80	ISC	008				
1743	1967 06 21	2.20	77.60	CGS	039				
1744	1967 06 22	2.40	78.20	ISC	012				
1745	1967 06 22	2.30	77.60	CGS	025				
1746	1967 06 22	2.40	77.80	CGS	012				
1747	1967 06 23	2.40	77.90	CGS	008				
1748	1967 06 24	2.40	80.00	CGS	012				
1749	1967 06 24	15.50	74.00	CGS	031				
1750	1967 06 25	1.40	76.50	CGS	009				
1751	1967 06 26	2.60	78.30	CGS	006				
1752	1967 06 26	11.30	74.90	CGS	011				
1753	1967 06 26	11.30	75.10	CGS	010				
1754	1967 07 03	16.00	74.90	CGS	024				
1755	1967 07 03	8.50	74.40	CGS	021				
1756	1967 07 06	17.20	71.50	CGS	009				
1757	1967 07 07	13.30	77.10	CGS	015				
1758	1967 07 08	8.79	74.48	ISC	044				
1759	1967 07 13	15.20	74.90	CGS	053				
1760	1967 07 13	1.50	77.40	CGS	027				
1761	1967 07 14	17.60	72.30	CGS	051				
1762	1967 07 14	6.40	77.40	CGS	031				
1763	1967 07 15	19.40	69.30	CGS	010				

II-42

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1764	1967 07 16	13.10	75.20	CGS	006				
1765	1967 07 18	9.00	80.70	CGS	010				
1766	1967 07 18	18.70	71.30	CGS	012				
1767	1967 07 20	19.60	71.30	CGS	008				
1768	1967 07 20	15.60	71.10	CGS	012				
1769	1967 07 24	2.40	77.90	CGS	013				
1770	1967 07 24	11.30	79.50	CGS	016				
1771	1967 07 24	13.52	76.34	ISC	023				
1772	1967 07 24	17.16	72.12	ISC	014				
1773	1967 07 25	18.80	69.20	CGS	009				
1774	1967 07 29	1.10	78.50	CGS	010				
1775	1967 07 29	15.70	75.50	CGS	008				
1776	1967 07 30	11.30	75.00	CGS	006				
1777	1967 08 01	13.00	76.80	CGS	024				
1778	1967 08 01	8.50	75.00	CGS	017				
1779	1967 08 03	13.50	74.80	CGS	041				
1780	1967 08 05	8.10	74.90	ISC	009				
1781	1967 08 05	8.20	75.10	CGS	018				
1782	1967 08 06	17.00	69.50	CGS	011				
1783	1967 08 09	8.50	73.80	CGS	027				
1784	1967 08 15	8.30	80.40	CGS	009				
1785	1967 08 16	14.20	75.60	CGS	011				
1786	1967 08 18	5.00	81.40	CGS	012				
1787	1967 08 22	11.00	78.20	CGS	024				
1788	1967 08 22	19.70	70.70	CGS	038				
1789	1967 08 22	12.50	76.80	CGS	029				
1790	1967 08 22	19.60	71.00	CGS	006				
1791	1967 08 23	19.70	71.00	CGS	020				
1792	1967 08 23	19.60	71.10	CGS	011				
1793	1967 08 23	4.30	81.50	CGS	041				
1794	1967 08 24	16.40	75.10	CGS	006				
1795	1967 08 26	17.70	72.00	CGS	007				
1796	1967 08 28	10.00	71.20	CGS	021				
1797	1967 08 29	19.70	70.50	CGS	008				
1798	1967 08 31	10.30	78.10	CGS	026				
1799	1967 09 03	10.60	79.80	CGS	088				T
1800	1967 09 04	10.40	79.30	CGS	019				
1801	1967 09 04	9.20	77.30	CGS	016				
1802	1967 09 12	16.80	72.40	CGS	009				
1803	1967 09 12	19.70	69.90	CGS	018				
1804	1967 09 13	10.50	79.50	CGS	019				
1805	1967 09 14	18.10	71.60	CGS	011				
1806	1967 09 20	8.00	74.50	CGS	048				

## EARTHQUAKE CATALOG OF PERU

II-43

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1807	1967 09 25	15.80	75.10	CGS	014				
1808	1967 09 25	15.90	75.20	CGS	038				
1809	1967 09 26	17.50	73.30	CGS	010				
1810	1967 09 27	7.30	81.30	CGS	034				
1811	1967 09 29	19.74	68.99	ISC	012				
1812	1967 10 01	2.30	79.90	CGS	016				
1813	1967 10 05	14.50	75.40	CGS	038				
1814	1967 10 06	4.00	75.00	ISC	010				
1815	1967 10 06	1.50	77.80	CGS	013				
1816	1967 10 06	8.30	74.00	CGS	008				
1817	1967 10 11	10.30	71.20	CGS	067				
1818	1967 10 14	1.11	80.40	ISC	011				
1819	1967 10 15	3.80	78.30	CGS	017				
1820	1967 10 16	10.70	77.60	CGS	022				
1821	1967 10 17	13.70	76.50	CGS	008				
1822	1967 10 20	5.10	75.20	ISC	007				
1823	1967 10 22	17.00	69.90	CGS	018				
1824	1967 10 22	0.72	78.70	ISC	012				
1825	1967 10 22	14.80	76.00	CGS	013				
1826	1967 10 24	2.40	79.00	CGS	033				
1827	1967 10 27	8.40	74.20	CGS	025				
1828	1967 10 30	0.59	78.54	ISC	030				
1829	1967 10 30	19.30	69.80	ISC	010				
1830	1967 11 03	7.60	81.40	CGS	055				
1831	1967 11 04	2.80	77.70	CGS	078				
1832	1967 11 05	16.20	69.40	CGS	011				
1833	1967 11 06	11.50	75.60	CGS	007				
1834	1967 11 08	20.00	70.30	CGS	025				
1835	1967 11 09	16.90	71.50	CGS	009				
1836	1967 11 12	15.60	74.60	CGS	007				
1837	1967 11 14	19.20	69.60	CGS	007				
1838	1967 11 15	2.00	81.00	CGS	013				
1839	1967 11 15	15.90	73.60	CGS	016				
1840	1967 11 19	1.10	78.30	CGS	023				
1841	1967 11 19	19.30	70.50	CGS	010				
1842	1967 11 21	16.10	74.40	CGS	012				
1843	1967 11 23	10.00	75.60	CGS	017				
1844	1967 11 24	17.20	71.60	CGS	007				
1845	1967 11 26	13.30	77.20	CGS	009				
1846	1967 11 29	11.10	74.30	ISC	010				
1847	1967 11 30	8.10	80.20	CGS	043				
1848	1967 12 08	15.50	71.80	CGS	010				
1849	1967 12 09	17.10	70.70	CGS	028				

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1850	1967 12 10	14.40	72.20	ISC	007				
1851	1967 12 11	13.70	69.80	CGS	009				
1852	1967 12 11	5.50	77.70	CGS	017				
1853	1967 12 11	9.10	75.10	ISC	009				
1854	1967 12 16	2.90	77.00	CGS	047				
1855	1967 12 16	7.80	81.50	CGS	009				
1856	1967 12 19	16.10	75.10	CGS	011				
1857	1967 12 21	18.00	69.30	CGS	023				
1858	1967 12 21	16.40	72.60	CGS	054				
1859	1967 12 23	9.90	74.70	CGS	038				
1860	1967 12 23	6.60	78.50	CGS	018				
1861	1967 12 26	10.70	73.90	CGS	012				
1862	1967 12 27	19.70	69.10	ISC	011				
1863	1967 12 29	7.90	74.40	CGS	019				
1864	1967 12 30	19.40	69.10	CGS	008				
1865	1968 01 01	9.10	80.40	ISC	010				
1866	1968 01 01	11.20	76.00	CGS	018				
1867	1968 01 04	9.50	75.50	CGS	019				
1868	1968 01 06	8.60	74.30	CGS	013				
1869	1968 01 08	18.60	69.90	CGS	052				
1870	1968 01 08	8.89	74.62	ISC	008				
1871	1968 01 11	16.90	71.50	CGS	021				
1872	1968 01 13	8.24	75.20	ISC	008				
1873	1968 01 15	2.20	78.60	CGS	010				
1874	1968 01 22	8.40	74.20	CGS	020				
1875	1968 01 28	17.20	71.90	ISC	015				
1876	1968 01 30	14.50	70.10	ISC	012				
1877	1968 01 31	16.30	73.80	CGS	011				
1878	1968 02 03	12.20	76.30	CGS	030				
1879	1968 02 04	19.60	68.20	CGS	057				
1880	1968 02 05	16.00	69.00	CGS	010				
1881	1968 02 08	9.10	71.40	CGS	031				
1882	1968 02 14	18.40	69.30	CGS	015				
1883	1968 02 17	18.90	69.50	CGS	007				
1884	1968 02 18	16.30	71.90	CGS	040				
1885	1968 02 19	10.60	80.00	ISC	010				
1886	1968 02 24	15.70	71.20	CGS	015				
1887	1968 03 03	2.40	76.50	CGS	022				
1888	1968 03 04	19.27	69.20	ISC	007				
1889	1968 03 04	8.90	74.30	CGS	010				
1890	1968 03 08	2.00	76.80	CGS	012				
1891	1968 03 08	4.20	77.90	CGS	011				
1892	1968 03 11	17.90	69.90	CGS	005				

## EARTHQUAKE CATALOG OF PERU

II-45

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1893	1968 03 12	11.40	76.90	CGS	012				
1894	1968 03 15	17.63	71.70	ISC	013				
1895	1968 03 18	3.31	75.30	ISC	009				
1896	1968 03 21	1.10	78.70	CGS	015				
1897	1968 03 22	13.20	74.70	CGS	019				
1898	1968 03 25	16.40	72.61	ISC	011				
1899	1968 03 28	10.60	77.00	CGS	007				
1900	1968 04 04	2.60	79.00	CGS	017				
1901	1968 04 07	11.20	79.30	CGS	016				
1902	1968 04 07	5.00	78.00	CGS	041				
1903	1968 04 11	14.60	71.00	CGS	011				
1904	1968 04 11	19.10	69.40	CGS	010				
1905	1968 04 15	5.80	80.90	CGS	035				
1906	1968 04 17	5.60	77.10	CGS	042				
1907	1968 04 20	8.30	80.10	CGS	026				
1908	1968 04 21	17.40	72.40	CGS	023				
1909	1968 04 23	1.00	80.60	CGS	016				
1910	1968 04 24	1.10	80.30	CGS	014				
1911	1968 04 26	14.40	70.50	CGS	041				
1912	1968 04 29	9.38	71.75	ISC	006				
1913	1968 04 29	16.30	74.80	ISC	012				
1914	1968 04 29	2.60	77.20	CGS	038				
1915	1968 05 01	19.90	70.40	ISC	006				
1916	1968 05 09	5.31	81.72	CGS	025				
1917	1968 05 09	5.20	82.00	ISC	010				
1918	1968 05 09	18.40	69.36	CGS	035				
1919	1968 05 11	13.28	68.89	CGS	006				
1920	1968 05 16	3.75	76.60	CGS	048				
1921	1968 05 21	15.86	72.97	CGS	013				
1922	1968 05 22	5.50	81.60	ISC	011				
1923	1968 05 25	19.84	68.50	CGS*	012				
1924	1968 05 27	8.10	76.90	ISC	014				
1925	1968 05 27	16.73	72.00	ISC	012				
1926	1968 05 27	7.22	80.60	CGS*	035				
1927	1968 06 05	7.90	74.42	CGS*	011				
1928	1968 06 11	2.87	79.08	CGS*	006				
1929	1968 06 12	19.15	70.74	CGS*	011				
1930	1968 06 12	19.41	69.49	CGS*	015				
1931	1968 06 12	6.41	76.54	CGS*	009				
1932	1968 06 17	2.90	79.20	ISC	013				
1933	1968 06 18	19.77	69.66	CGS	022				
1934	1968 06 19	5.56	77.15	CGS	089	C	8		
1935	1968 06 19	5.30	77.13	ISC	020				



NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
1936	1968 06 19	3.40	77.30	ISC	018				
1937	1968 06 19	4.60	78.70	ISC	008				
1938	1968 06 19	5.90	77.20	ISC	010				
1939	1968 06 19	5.40	76.86	ISC	032				
1940	1968 06 19	5.37	77.26	ISC	053				
1941	1968 06 19	4.10	77.40	ISC	034				
1942	1968 06 19	5.75	77.00	ISC	019				
1943	1968 06 19	5.56	76.95	CGS*	010				
1944	1968 06 19	5.70	77.12	CGS*	012				
1945	1968 06 19	5.14	77.13	ISC	007				
1946	1968 06 19	5.57	77.16	CGS	027				
1947	1968 06 19	7.50	80.50	ISC	007				
1948	1968 06 19	5.53	77.09	CGS*	022				
1949	1968 06 19	5.30	77.12	ISC	013				
1950	1968 06 19	5.62	77.09	CGS*	009				
1951	1968 06 19	5.62	77.31	CGS*	018				
1952	1968 06 19	5.59	77.04	CGS*	007				
1953	1968 06 19	6.80	78.80	ISC	009				
1954	1968 06 19	5.64	77.17	CGS*	017				
1955	1968 06 19	5.70	77.07	CGS*	005				
1956	1968 06 19	5.52	77.25	CGS	027				
1957	1968 06 19	6.60	77.20	ISC	015				
1958	1968 06 19	5.66	77.10	ISC	017				
1959	1968 06 19	5.70	77.18	CGS	030				
1960	1968 06 20	5.53	77.32	CGS*	012				
1961	1968 06 20	5.41	77.03	CGS*	007				
1962	1968 06 20	5.51	76.97	CGS*	010				
1963	1968 06 20	5.59	77.33	CGS	052				
1964	1968 06 20	5.47	77.25	CGS*	011				
1965	1968 06 20	5.76	77.33	CGS	025				
1966	1968 06 20	5.72	77.25	CGS	025				
1967	1968 06 20	19.30	69.35	CGS*	008				
1968	1968 06 21	5.72	77.28	CGS	050				
1969	1968 06 21	5.55	77.06	CGS*	010				
1970	1968 06 21	5.45	77.31	CGS*	020				
1971	1968 06 21	5.49	77.23	CGS	027				
1972	1968 06 21	5.49	77.19	CGS*	013				
1973	1968 06 21	5.46	76.95	CGS*	007				
1974	1968 06 22	5.74	77.07	CGS	027				
1975	1968 06 22	5.58	76.99	CGS*	019				
1976	1968 06 22	18.07	71.00	ISC	018				
1977	1968 06 22	5.51	77.03	CGS*	018				
1978	1968 06 22	5.62	77.03	CGS*	007				

## EARTHQUAKE CATALOG OF PERU

II-47

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
1979	1968 06 22	5.50	77.11	CGS*	010				
1980	1968 06 22	5.60	77.25	CGS*	011				
1981	1968 06 23	15.38	70.41	CGS*	014				
1982	1968 06 23	5.64	77.33	CGS*	009				
1983	1968 06 23	7.10	76.70	ISC	014				
1984	1968 06 24	5.76	77.34	CGS*	013				
1985	1968 06 24	5.53	77.10	CGS*	011				
1986	1968 06 24	5.76	77.14	CGS*	017				
1987	1968 06 25	6.20	76.50	ISC	010				
1988	1968 06 25	5.50	77.26	CGS*	009				
1989	1968 06 26	5.69	77.20	CGS	034				
1990	1968 06 26	6.40	77.20	ISC	013				
1991	1968 06 26	5.76	77.56	CGS*	008				
1992	1968 06 26	6.20	76.70	ISC	018				
1993	1968 06 26	17.13	70.75	CGS*	010				
1994	1968 06 26	5.58	77.17	CGS	025				
1995	1968 06 26	5.58	77.29	CGS	012				
1996	1968 06 27	5.57	77.07	CGS*	013				
1997	1968 06 27	5.76	76.60	ISC	016				
1998	1968 06 27	5.96	77.80	ISC	013				
1999	1968 06 27	7.54	74.25	CGS*	013				
2000	1968 06 27	11.42	74.62	CGS*	015				
2001	1968 06 29	5.55	77.05	CGS*	011				
2002	1968 06 30	5.36	77.15	CGS	012				
2003	1968 07 01	5.68	77.14	CGS*	025				
2004	1968 07 02	16.33	73.02	CGS*	006				
2005	1968 07 03	5.53	77.14	CGS*	008				
2006	1968 07 05	5.49	77.63	CGS*	011				
2007	1968 07 07	5.42	76.87	CGS*	012				
2008	1968 07 07	5.76	77.14	CGS	058	F			
2009	1968 07 08	15.88	72.26	CGS*	006				
2010	1968 07 08	5.69	77.06	CGS*	022				
2011	1968 07 09	2.31	76.67	CGS	013				
2012	1968 07 14	5.43	77.29	CGS*	020				
2013	1968 07 14	5.44	76.89	CGS*	008				
2014	1968 07 16	5.69	77.19	CGS*	023				
2015	1968 07 16	5.68	77.16	CGS	035				
2016	1968 07 16	5.69	77.02	CGS*	018				
2017	1968 07 23	5.86	77.02	CGS*	012				
2018	1968 07 24	2.55	77.81	CGS	035	F			
2019	1968 07 25	17.50	72.27	CGS*	008	F			
2020	1968 07 26	8.57	74.23	CGS	043				
2021	1968 07 27	5.50	76.63	CGS*	012				

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2022	1968 07 27	18.34	69.24	CGS	011	F			
2023	1968 07 28	5.61	76.95	CGS	041				
2024	1968 07 29	19.16	69.77	CGS	036				
2025	1968 07 30	6.93	80.46	CGS	059				
2026	1968 08 01	19.23	70.73	CGS*	005				
2027	1968 08 02	0.94	78.13	CGS*	006				
2028	1968 08 02	5.75	77.43	CGS*	011				
2029	1968 08 03	14.89	75.78	CGS*	012				
2030	1968 08 05	8.77	71.17	CGS	014				
2031	1968 08 05	12.82	76.80	CGS	014				
2032	1968 08 11	15.19	73.97	CGS	049				
2033	1968 08 18	6.75	78.41	CGS*	011				
2034	1968 08 22	6.31	76.75	CGS*	008				
2035	1968 08 22	15.35	70.86	CGS*	011				
2036	1968 08 24	5.74	76.93	CGS	020				
2037	1968 08 25	6.34	77.11	CGS*	008				
2038	1968 08 26	17.63	69.56	CGS	007				
2039	1968 08 26	15.04	72.12	CGS	007				
2040	1968 08 27	8.98	72.84	CGS	028				
2041	1968 08 27	5.81	77.35	CGS	030				
2042	1968 08 29	11.05	76.56	CGS	017				
2043	1968 09 02	5.95	77.41	CGS*	011				
2044	1968 09 04	17.84	69.65	CGS	014				
2045	1968 09 06	5.77	80.26	CGS	053				
2046	1968 09 07	5.53	76.87	CGS	028				
2047	1968 09 09	8.67	74.48	CGS	077				
2048	1968 09 09	8.73	74.52	CGS	039				
2049	1968 09 09	19.48	69.76	CGS*	016				
2050	1968 09 09	2.89	80.83	CGS	018				
2051	1968 09 10	19.38	68.67	ISC	010				
2052	1968 09 11	5.88	76.47	CGS	008	F			
2053	1968 09 12	16.79	70.97	CGS	009				
2054	1968 09 14	15.12	70.76	CGS	012				
2055	1968 09 15	19.78	69.54	CGS*	014				
2056	1968 09 17	13.73	75.90	CGS	018				
2057	1968 09 18	9.27	75.72	CGS	011				
2058	1968 09 20	5.02	80.04	CGS*	008				
2059	1968 09 21	11.85	75.11	CGS	032				
2060	1968 09 22	0.43	81.38	CGS	010				
2061	1968 09 22	0.55	81.41	CGS*	006				
2062	1968 09 22	0.72	81.70	CGS*	006				
2063	1968 09 23	3.82	77.32	CGS*	010				
2064	1968 09 28	13.16	76.38	CGS	084		D		

## EARTHQUAKE CATALOG OF PERU

II-49

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2065	1968 09 30	18.18	68.89	CGS*	008				
2066	1968 10 12	1.60	77.65	CGS	024				
2067	1968 10 13	10.02	74.79	CGS	038				
2068	1968 10 18	4.11	80.79	CGS	024				
2069	1968 10 19	17.59	69.26	CGS	012				
2070	1968 10 24	19.61	68.93	CGS	054				
2071	1968 10 27	15.10	72.37	CGS	008				
2072	1968 10 27	16.95	70.18	CGS	012				
2073	1968 10 30	1.37	77.34	CGS	011				
2074	1968 10 31	16.29	73.30	CGS	039	F			
2075	1968 11 04	16.32	73.78	CGS	008	F	3		
2076	1968 11 04	16.19	73.02	CGS	007				
2077	1968 11 07	5.90	77.15	CGS*	013				
2078	1968 11 07	16.39	73.46	CGS	036				
2079	1968 11 07	4.13	80.53	CGS	028				
2080	1968 11 09	1.23	77.52	CGS	039				
2081	1968 11 11	17.77	69.57	CGS	009				
2082	1968 11 14	16.38	71.96	CGS	009	F	4		
2083	1968 11 19	5.36	77.31	CGS	027				
2084	1968 11 22	15.75	74.03	CGS*	011				
2085	1968 11 25	10.94	76.23	CGS	015				
2086	1968 11 28	18.13	69.51	CGS	011				
2087	1968 11 29	5.70	76.92	CGS	007				
2088	1968 11 30	2.73	76.71	CGS	025				
2089	1968 11 30	8.27	79.90	CGS	018				
2090	1968 12 01	14.00	75.86	CGS*	006				
2091	1968 12 01	3.42	79.43	CGS	010				
2092	1968 12 01	10.56	74.87	CGS	067				
2093	1968 12 04	7.34	74.45	CGS*	008				
2094	1968 12 04	10.99	74.80	CGS	018				
2095	1968 12 04	1.32	78.42	CGS	014	F			
2096	1968 12 04	15.48	70.46	CGS	013				
2097	1968 12 07	17.16	69.79	CGS	007				
2098	1968 12 10	5.76	77.44	CGS	014				
2099	1968 12 12	14.96	73.57	CGS	020				
2100	1968 12 21	17.10	73.79	CGS*	007				
2101	1968 12 21	17.56	69.55	CGS	019				
2102	1968 12 26	16.58	69.46	CGS	007				
2103	1968 12 27	17.29	69.40	CGS	037	F	3		
2104	1968 12 27	18.69	70.28	CGS	007				
2105	1968 12 28	18.24	69.32	CGS	013				
2106	1968 12 28	8.96	81.39	CGS	023				
2107	1968 12 28	12.37	73.46	CGS*	006				

II-50

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2108	1968 12 30	15.80	70.75	CGS	048	F	3		
2109	1969 01 01	5.95	77.07	CGS	008				
2110	1969 01 04	6.05	77.71	CGS*	005				
2111	1969 01 06	18.44	70.70	CGS	022				
2112	1969 01 10	13.16	69.21	CGS	015				
2113	1969 01 12	14.14	72.75	CGS	027				
2114	1969 01 13	13.60	77.75	CGS	010				
2115	1969 01 14	8.64	74.38	CGS	020				
2116	1969 01 15	6.28	78.35	CGS	008				
2117	1969 01 17	16.34	73.48	CGS*	007				
2118	1969 01 21	2.27	79.94	CGS	008				
2119	1969 01 25	8.08	78.31	CGS*	009				
2120	1969 01 29	5.90	80.10	ISC	009				
2121	1969 01 30	6.39	81.28	CGS*	011				
2122	1969 02 03	15.41	75.84	CGS	021				
2123	1969 02 03	5.74	77.09	CGS	029				
2124	1969 02 04	8.23	80.16	CGS	067	F			
2125	1969 02 05	15.82	72.97	CGS*	009				
2126	1969 02 06	5.84	78.38	CGS*	009				
2127	1969 02 14	8.35	80.06	CGS	019				
2128	1969 02 17	8.01	80.09	CGS*	010				
2129	1969 02 21	8.93	75.39	CGS	020				
2130	1969 02 22	2.60	76.37	CGS	026				
2131	1969 02 23	15.57	75.76	CGS	012				
2132	1969 02 23	6.70	74.48	ISC	019				
2133	1969 02 25	16.30	69.60	ISC	013				
2134	1969 02 27	13.95	74.34	CGS	040				
2135	1969 03 01	16.95	69.86	CGS*	008				
2136	1969 03 04	6.32	76.73	CGS*	020				
2137	1969 03 05	19.84	69.10	ISC	012				
2138	1969 03 05	18.66	70.99	CGS*	007				
2139	1969 03 05	6.57	76.20	CGS*	018				
2140	1969 03 08	5.53	77.06	CGS*	019				
2141	1969 03 11	9.44	78.75	CGS	017				
2142	1969 03 13	8.03	80.08	CGS	056				
2143	1969 03 15	15.03	76.19	CGS*	007				
2144	1969 03 15	13.52	74.43	CGS	027				
2145	1969 03 17	8.39	75.18	CGS*	008				
2146	1969 03 21	5.64	77.16	CGS	016				
2147	1969 03 25	16.78	69.85	CGS*	005				
2148	1969 03 25	14.60	74.93	CGS	005				
2149	1969 03 26	15.03	75.37	CGS	024				

## EARTHQUAKE CATALOG OF PERU

II-51

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2150	1969 03 30	4.28	80.67	CGS	023				
2151	1969 03 30	1.97	77.14	CGS	022				
2152	1969 04 02	0.32	78.38	ISC	009				
2153	1969 04 03	11.40	76.60	ISC	010				
2154	1969 04 04	16.32	71.67	CGS*	007				
2155	1969 04 07	14.53	73.38	CGS*	005				
2156	1969 04 10	10.11	74.93	CGS*	008				
2157	1969 04 10	4.89	78.08	CGS*	007				
2158	1969 04 15	13.13	74.47	CGS*	007				
2159	1969 04 16	16.60	73.71	CGS	025				
2160	1969 04 19	5.32	77.17	CGS	040				
2161	1969 04 20	14.34	72.07	CGS	010				
2162	1969 04 20	17.63	69.60	CGS	011				
2163	1969 04 21	18.19	69.44	CGS	011				
2164	1969 05 03	5.58	77.23	CGS*	011				
2165	1969 05 03	19.77	69.04	CGS	008				
2166	1969 05 05	14.99	72.80	CGS	008				
2167	1969 05 13	17.88	69.59	CGS	008				
2168	1969 05 17	18.98	69.36	CGS	011				
2169	1969 05 18	19.90	69.18	CGS	019				
2170	1969 05 18	5.49	77.00	CGS*	010				
2171	1969 05 19	5.18	76.47	CGS*	006				
2172	1969 05 20	0.99	80.52	CGS	015	F			
2173	1969 05 21	8.56	77.18	CGS*	008				
2174	1969 05 21	1.86	79.51	CGS	011	F			
2175	1969 05 25	11.40	79.54	CGS	011				
2176	1969 05 25	3.40	78.24	CGS*	006				
2177	1969 05 28	1.23	77.26	CGS	015				
2178	1969 05 28	2.09	76.93	CGS	148				
2179	1969 05 31	1.75	77.74	CGS	059				
2180	1969 05 31	16.72	69.93	CGS	010				
2181	1969 06 01	9.78	78.91	CGS	029				
2182	1969 06 01	16.42	73.70	CGS	015				
2183	1969 06 02	8.40	74.32	CGS	056				
2184	1969 06 07	2.15	79.84	CGS	021	F			
2185	1969 06 09	8.49	80.54	CGS	028	F			
2186	1969 06 11	8.59	79.69	CGS	040				
2187	1969 06 13	16.97	71.30	CGS	009				
2188	1969 06 13	6.06	82.10	CGS	044				
2189	1969 06 16	17.19	72.81	CGS	012	F	2		
2190	1969 06 18	2.58	78.12	CGS	008				
2191	1969 06 21	14.88	75.80	CGS	026				
2192	1969 06 22	13.93	75.21	CGS	015				

II-52

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2193	1969 06 24	16.49	72.53	CGS	009	F	4		
2194	1969 06 30	3.56	76.97	CGS	016				
2195	1969 06 30	16.14	73.78	CGS	015				
2196	1969 07 03	5.36	80.93	CGS	013				
2197	1969 07 04	4.09	80.92	CGS	037				
2198	1969 07 04	4.13	81.01	CGS	027				
2199	1969 07 05	5.64	77.16	CGS	059				
2200	1969 07 10	17.23	69.69	CGS*	009				
2201	1969 07 10	8.68	80.78	CGS*	017				
2202	1969 07 11	4.17	76.55	CGS	014				
2203	1969 07 13	18.07	69.44	CGS	027				
2204	1969 07 15	16.54	69.53	CGS	013				
2205	1969 07 15	8.41	74.42	CGS	022				
2206	1969 07 19	17.25	72.52	CGS	098	F	4		
2207	1969 07 23	14.60	71.70	CGS	013				
2208	1969 07 24	11.85	75.13	CGS	134	D			F
2209	1969 07 24	11.80	75.17	CGS	017				
2210	1969 07 24	11.86	75.06	CGS	023				
2211	1969 07 24	11.69	75.07	ISC	011				
2212	1969 07 27	14.83	75.39	CGS	012				
2213	1969 08 01	11.78	75.15	CGS	014				
2214	1969 08 01	11.77	75.18	ISC	011				
2215	1969 08 01	11.80	75.15	CGS	026				
2216	1969 08 01	13.52	72.48	CGS	011				
2217	1969 08 02	8.45	77.31	CGS	021				
2218	1969 08 05	17.63	69.61	CGS*	006				
2219	1969 08 05	5.37	81.69	CGS	026				
2220	1969 08 06	3.48	80.20	ISC	013				
2221	1969 08 08	1.09	78.68	CGS	033	F			
2222	1969 08 10	15.61	74.11	CGS	023				
2223	1969 08 11	11.63	74.69	CGS*	010				
2224	1969 08 11	17.11	70.12	ISC	022				
2225	1969 08 13	15.18	71.89	CGS	010				
2226	1969 08 15	10.99	74.54	CGS	007				
2227	1969 08 20	13.35	77.71	CGS*	014				
2228	1969 08 22	14.30	73.30	CGS*	007				
2229	1969 08 22	8.51	77.00	CGS	015				
2230	1969 08 27	17.30	70.09	CGS	018	F	3		
2231	1969 08 28	7.99	80.39	CGS	017				
2232	1969 08 30	19.88	70.44	CGS*	013				

## EARTHQUAKE CATALOG OF PERU

II-53

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2233	1969 08 30	14.21	73.34	CGS	018				
2234	1969 09 01	3.77	80.60	CGS	016				
2235	1969 09 02	17.83	72.05	CGS	045	F	3		
2236	1969 09 07	16.84	71.08	CGS*	007	F			
2237	1969 09 08	16.92	70.36	CGS*	006				
2238	1969 09 08	6.07	77.54	CGS	011				
2239	1969 09 15	16.93	72.36	ISC	010				
2240	1969 09 15	18.55	69.02	CGS	043				
2241	1969 09 17	17.85	69.63	CGS	009				
2242	1969 09 18	17.75	71.70	CGS	011				
2243	1969 09 19	4.35	80.22	CGS	007				
2244	1969 09 21	15.84	74.71	CGS	019				
2245	1969 09 24	5.08	81.55	CGS	009				
2246	1969 09 28	12.10	74.30	CGS	035				
2247	1969 09 28	16.68	69.52	CGS	010				
2248	1969 10 01	11.88	75.13	CGS	087	C	6		F
2249	1969 10 01	11.82	75.10	CGS	027				
2250	1969 10 01	11.74	75.09	CGS	074				
2251	1969 10 01	11.66	75.15	CGS	022				
2252	1969 10 01	11.78	75.05	CGS	071				
2253	1969 10 01	11.65	75.03	CGS	029				
2254	1969 10 01	11.80	74.96	CGS	041				
2255	1969 10 02	11.93	75.10	CGS*	006				
2256	1969 10 04	11.94	75.11	CGS*	010				
2257	1969 10 04	11.78	75.08	CGS	007				
2258	1969 10 04	11.61	74.95	CGS*	007				
2259	1969 10 06	11.74	75.10	CGS	032				
2260	1969 10 06	11.78	75.00	CGS	041				
2261	1969 10 07	11.90	74.60	ISC	007				
2262	1969 10 07	11.74	75.32	CGS	014				
2263	1969 10 10	9.96	73.30	CGS	010				
2264	1969 10 13	11.87	75.21	CGS*	010				
2265	1969 10 14	15.22	75.42	CGS*	007				
2266	1969 10 14	14.29	75.29	CGS	011				
2267	1969 10 17	14.71	71.20	CGS	044				
2268	1969 10 19	17.55	70.38	ISC	006				
2269	1969 10 20	13.70	72.50	CGS*	007				
2270	1969 10 20	11.86	75.16	CGS	019				
2271	1969 10 22	18.09	71.54	CGS	050				
2272	1969 10 27	2.19	78.86	CGS	019				
2273	1969 10 31	11.91	75.07	CGS	015				
2274	1969 11 02	5.31	81.71	CGS*	006				



II-54

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2275	1969 11 10	2.63	79.59	CGS*	007				
2276	1969 11 11	2.41	80.20	CGS*	009				
2277	1969 11 11	14.42	70.89	CGS	013				
2278	1969 11 13	10.10	75.32	CGS	013				
2279	1969 11 15	19.35	70.54	CGS	017				
2280	1969 11 16	19.05	69.16	CGS	013				
2281	1969 11 29	19.24	69.42	CGS	017				
2282	1969 11 30	15.29	71.88	CGS	009				
2283	1969 12 04	7.44	81.66	CGS*	012				
2284	1969 12 04	15.28	70.34	CGS	008				
2285	1969 12 09	10.16	75.52	CGS	030				
2286	1969 12 10	10.27	75.58	CGS	016				
2287	1969 12 10	7.36	74.83	CGS	023				
2288	1969 12 11	19.88	70.24	CGS*	007				
2289	1969 12 12	14.45	75.79	CGS*	006				
2290	1969 12 15	18.73	69.63	CGS*	007				
2291	1969 12 16	17.44	69.75	CGS*	008				
2292	1969 12 17	0.66	78.03	CGS	018	D			
2293	1969 12 17	0.77	78.34	CGS*	011	D			
2294	1969 12 18	17.20	72.17	CGS*	007				
2295	1969 12 21	16.43	72.78	CGS	026				
2296	1969 12 22	16.89	72.86	CGS	039	D			
2297	1969 12 23	3.26	80.71	CGS*	008				
2298	1969 12 29	11.12	75.55	CGS	013				
2299	1969 12 31	0.36	80.31	CGS*	006	F			
2300	1970 01 03	6.30	77.78	CGS*	017				
2301	1970 01 03	1.85	78.59	CGS	026	F			
2302	1970 01 05	17.28	70.99	CGS	013				
2303	1970 01 05	11.69	75.08	ISC	008				
2304	1970 01 11	2.49	77.14	CGS	013				
2305	1970 01 14	16.41	71.73	CGS*	006				
2306	1970 01 18	1.37	80.60	CGS*	008				
2307	1970 01 20	15.57	73.31	CGS	012				
2308	1970 01 24	10.69	77.60	CGS	017				
2309	1970 01 26	7.75	74.46	CGS	025				
2310	1970 01 30	4.16	76.82	CGS	015				
2311	1970 02 01	7.16	76.90	ISC	005				
2312	1970 02 02	16.00	71.00	ISC	009				
2313	1970 02 08	2.70	75.30	ISC	011				
2314	1970 02 09	5.36	76.52	CGS*	013				
2315	1970 02 09	12.77	77.22	CGS	017				
2316	1970 02 13	15.94	71.67	CGS	068				
2317	1970 02 14	9.88	75.57	CGS	127	C			

## EARTHQUAKE CATALOG OF PERU

II-55

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2318	1970 02 18	16.18	71.63	CGS*	007				
2319	1970 02 21	18.59	69.60	CGS	011				
2320	1970 02 26	13.65	74.01	CGS	062				
2321	1970 02 26	13.69	74.09	CGS	033				
2322	1970 02 27	16.04	74.90	CGS	035				
2323	1970 02 28	11.71	75.21	ISC	009				
2324	1970 03 02	14.50	73.73	ISC	029				
2325	1970 03 02	13.36	74.33	ISC	005				
2326	1970 03 02	14.23	73.30	CGS	018				
2327	1970 03 03	14.72	72.53	CGS	035				
2328	1970 03 05	18.82	69.23	CGS	037				
2329	1970 03 06	2.89	80.08	CGS	011	F			
2330	1970 03 07	10.53	75.00	CGS	011				
2331	1970 03 09	16.53	69.61	CGS	024				
2332	1970 03 19	19.72	69.19	CGS*	010				
2333	1970 03 25	2.24	79.04	CGS	028				
2334	1970 03 25	2.43	79.08	CGS	026				
2335	1970 03 29	8.36	73.34	CGS*	010				
2336	1970 03 31	5.68	80.14	CGS	068				
2337	1970 04 01	15.51	74.96	CGS	042				
2338	1970 04 03	3.37	77.39	CGS	016				
2339	1970 04 06	13.71	74.50	CGS	017				
2340	1970 04 07	0.19	80.67	CGS	014				
2341	1970 04 09	9.70	80.05	CGS*	009				
2342	1970 04 15	19.11	69.71	ISC	008				
2343	1970 04 16	5.62	77.09	CGS	027				
2344	1970 04 25	3.90	80.07	CGS	022				
2345	1970 04 25	2.68	81.98	CGS	071				
2346	1970 04 28	16.44	72.13	CGS*	009	F	3		
2347	1970 05 07	3.53	79.48	CGS	030				
2348	1970 05 07	20.00	68.70	ISC	050				
2349	1970 05 14	4.49	78.90	ISC	016				
2350	1970 05 17	7.28	80.69	CGS	034				
2351	1970 05 22	1.67	78.02	CGS*	012				
2352	1970 05 26	15.79	70.50	CGS	013				
2353	1970 05 27	15.89	73.14	CGS	010				
2354	1970 05 27	6.15	76.47	CGS	019				
2355	1970 05 31	9.18	78.82	CGS	101	C	8	I	T
2356	1970 05 31	9.79	78.59	CGS	031				
2357	1970 05 31	9.85	78.81	CGS	008				
2358	1970 05 31	10.00	78.74	CGS	023				
2359	1970 05 31	9.51	78.21	CGS*	016				

II-56

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
2360	1970 05 31	10.22	78.60	CGS	059				
2361	1970 05 31	10.01	78.72	CGS	026				
2362	1970 06 01	9.77	78.63	CGS	030				
2363	1970 06 01	9.82	78.91	CGS	032				
2364	1970 06 01	10.18	78.70	CGS	040				
2365	1970 06 01	9.30	79.00	CGS	099	F			
2366	1970 06 01	10.16	78.72	CGS	038				
2367	1970 06 01	10.15	78.73	CGS	096	F			
2368	1970 06 01	10.25	78.69	CGS	076	F			
2369	1970 06 01	10.19	78.61	CGS	049				
2370	1970 06 01	9.24	77.59	ISC	059				
2371	1970 06 01	8.79	77.24	CGS*	021				
2372	1970 06 01	9.67	78.86	CGS	018				
2373	1970 06 01	10.13	78.61	CGS	028				
2374	1970 06 01	9.96	79.05	CGS*	011				
2375	1970 06 01	9.98	78.75	CGS	050				
2376	1970 06 01	9.79	78.82	CGS	042				
2377	1970 06 02	9.76	78.80	CGS	088				
2378	1970 06 02	10.05	78.74	CGS*	012				
2379	1970 06 02	10.37	78.74	CGS*	016				
2380	1970 06 02	10.15	78.77	CGS*	020				
2381	1970 06 02	10.24	78.57	CGS	028				
2382	1970 06 02	10.19	78.75	CGS	035				
2383	1970 06 02	10.23	78.68	CGS	044				
2384	1970 06 02	10.21	78.77	CGS	028				
2385	1970 06 03	10.22	78.66	CGS	028				
2386	1970 06 03	9.94	78.84	CGS*	020				
2387	1970 06 04	8.78	75.39	ISC	022				
2388	1970 06 04	10.03	78.52	CGS	020				
2389	1970 06 04	10.60	79.30	ISC	010				
2390	1970 06 04	9.80	78.63	CGS	090	F			
2391	1970 06 04	9.81	78.75	CGS	038				
2392	1970 06 04	19.23	69.86	CGS	010				
2393	1970 06 04	9.52	79.19	CGS	033				
2394	1970 06 05	9.78	78.56	CGS	025				
2395	1970 06 05	5.65	77.15	CGS	038				
2396	1970 06 06	10.92	79.08	CGS*	008				
2397	1970 06 07	9.79	78.85	CGS*	017				
2398	1970 06 07	9.64	78.72	CGS*	019				
2399	1970 06 07	8.27	77.79	CGS*	028				
2400	1970 06 07	10.14	78.40	CGS*	009				
2401	1970 06 08	9.74	78.58	CGS*	016				

## EARTHQUAKE CATALOG OF PERU

II-57

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2402	1970 06 11	10.10	78.67	CGS	045				
2403	1970 06 12	9.98	78.80	CGS*	017				
2404	1970 06 12	11.20	79.30	ISC	012				
2405	1970 06 14	19.36	69.22	CGS	029				
2406	1970 06 15	9.70	78.85	CGS	041				
2407	1970 06 15	10.01	78.42	CGS*	010				
2408	1970 06 17	15.75	71.83	CGS	097	F	4		
2409	1970 06 19	12.60	77.46	ISC	015				
2410	1970 06 21	9.80	78.67	CGS	067				
2411	1970 06 22	1.57	80.60	ISC	015				
2412	1970 06 23	19.40	69.08	CGS	063				
2413	1970 06 24	8.68	74.91	CGS*	011				
2414	1970 06 27	10.20	79.20	ISC	014				
2415	1970 06 27	9.77	78.59	CGS	061				
2416	1970 06 29	11.00	79.20	ISC	013				
2417	1970 06 30	9.22	79.02	CGS	060				
2418	1970 07 02	10.11	78.59	CGS	095				
2419	1970 07 02	10.13	78.68	CGS	037				
2420	1970 07 03	9.84	78.94	CGS	030				
2421	1970 07 05	8.77	74.38	CGS	049				
2422	1970 07 06	10.20	78.65	CGS	033				
2423	1970 07 06	9.73	78.83	CGS*	009				
2424	1970 07 07	7.72	74.31	CGS	024				
2425	1970 07 08	9.72	78.52	CGS*	015				
2426	1970 07 10	9.50	80.00	ISC	015				
2427	1970 07 10	9.00	79.10	ISC	017				
2428	1970 07 10	9.14	78.76	CGS*	010				
2429	1970 07 12	15.68	69.46	CGS	023				
2430	1970 07 13	10.15	78.73	CGS	021				
2431	1970 07 14	10.30	78.81	CGS*	015				
2432	1970 07 16	10.95	76.42	CGS	031				
2433	1970 07 17	1.79	77.26	CGS	040				
2434	1970 07 18	0.22	78.58	CGS	024	F	5		
2435	1970 07 24	16.08	72.33	CGS	007				
2436	1970 07 31	1.46	72.56	CGS	205	C			
2437	1970 08 04	9.70	78.50	CGS*	013				
2438	1970 08 05	9.24	78.91	CGS	065				
2439	1970 08 07	0.66	79.87	CGS*	014				
2440	1970 08 09	9.95	78.67	CGS*	015				
2441	1970 08 11	9.66	78.89	CGS*	022				
2442	1970 08 14	0.93	80.50	ISC	007				
2443	1970 08 14	10.88	79.11	CGS*	019				
2444	1970 08 16	0.29	78.86	CGS*	021				

II-58

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
2445	1970 08 18	7.35	76.55	CGS*	017				
2446	1970 08 25	10.55	79.36	CGS*	006				
2447	1970 08 27	4.03	76.59	ISC	026				
2448	1970 09 01	13.59	73.09	CGS*	012				
2449	1970 09 03	8.80	78.20	ISC	014				
2450	1970 09 08	9.49	78.97	CGS	021				
2451	1970 09 09	19.60	70.11	CGS	028				
2452	1970 09 11	14.65	74.25	CGS*	007				
2453	1970 09 15	19.72	68.64	ISC	007				
2454	1970 09 17	11.61	78.59	CGS*	012				
2455	1970 09 23	11.64	77.50	CGS*	016				
2456	1970 09 29	11.84	75.04	CGS*	009				
2457	1970 09 30	15.10	74.90	CGS	029				
2458	1970 10 04	8.92	75.60	CGS*	011				
2459	1970 10 05	9.34	79.00	CGS	026				
2460	1970 10 09	19.12	70.92	ISC	008				
2461	1970 10 09	7.50	76.70	ISC	007				
2462	1970 10 09	9.85	78.78	CGS*	009				
2463	1970 10 11	16.20	72.60	ISC	006				
2464	1970 10 12	19.30	69.60	ISC	006				
2465	1970 10 20	15.58	70.18	NOS	030				
2466	1970 10 23	10.28	75.17	NOS	026				
2467	1970 10 27	12.64	76.44	NOS*	020				
2468	1970 10 30	15.02	72.36	NOS	008				
2469	1970 10 30	9.54	75.59	NOS	042				
2470	1970 11 06	0.90	80.97	NOS	020				
2471	1970 11 06	15.43	71.21	NOS*	033				
2472	1970 11 07	15.95	71.36	ISC	008				
2473	1970 11 10	11.50	79.66	NOS	011				
2474	1970 11 11	15.57	71.32	NOS*	015				
2475	1970 11 14	1.73	77.94	NOS	020				
2476	1970 11 15	9.51	79.37	NOS	020				
2477	1970 11 15	2.71	78.74	NOS	039				
2478	1970 11 16	19.65	69.52	ISC	006				
2479	1970 11 16	8.60	74.94	NOS	040				
2480	1970 11 19	9.94	78.81	NOS	017				
2481	1970 11 22	9.50	79.90	ISC	013				
2482	1970 11 23	17.60	70.00	ISC	011				
2483	1970 11 23	11.80	75.22	NOS	024				
2484	1970 12 06	19.10	69.39	NOS	053				
2485	1970 12 09	16.20	73.10	NOS*	013	F	4		
2486	1970 12 09	1.40	77.66	NOS	060				
2487	1970 12 10	3.99	80.72	NOS	130	C			

## EARTHQUAKE CATALOG OF PERU

II-59

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2488	1970 12 10	4.09	80.74	NOS*	019				
2489	1970 12 10	3.86	80.54	NOS*	021				
2490	1970 12 10	3.78	80.61	NOS	022				
2491	1970 12 10	3.95	80.73	NOS	051				
2492	1970 12 10	3.78	80.72	NOS*	012				
2493	1970 12 10	3.88	80.77	NOS	031				
2494	1970 12 10	3.89	80.72	NOS	034				
2495	1970 12 10	3.89	80.74	NOS	022				
2496	1970 12 10	4.23	80.46	NOS*	012				
2497	1970 12 10	3.98	80.79	NOS	063				
2498	1970 12 10	18.27	69.89	NOS*	013				
2499	1970 12 10	3.89	80.73	NOS	029				
2500	1970 12 10	3.90	80.77	NOS	045				
2501	1970 12 10	4.11	80.75	NOS	038				
2502	1970 12 10	3.94	80.81	NOS	036				
2503	1970 12 11	4.15	80.86	NOS*	008				
2504	1970 12 11	3.74	80.61	NOS	026				
2505	1970 12 11	3.95	80.88	NOS*	010				
2506	1970 12 11	3.95	80.72	NOS	073				
2507	1970 12 11	4.11	80.90	NOS	017				
2508	1970 12 11	3.99	80.81	NOS	035				
2509	1970 12 11	10.03	79.26	NOS*	009				
2510	1970 12 12	4.00	80.71	NOS	017				
2511	1970 12 12	5.92	74.99	NOS*	013				
2512	1970 12 12	3.90	80.76	NOS	013				
2513	1970 12 12	3.80	80.57	NOS	019				
2514	1970 12 12	2.60	79.20	ISC	006				
2515	1970 12 12	4.05	80.86	NOS*	014				
2516	1970 12 12	4.05	80.87	NOS*	016				
2517	1970 12 13	4.08	80.85	NOS	022				
2518	1970 12 13	3.97	80.74	NOS	021				
2519	1970 12 13	3.98	81.03	NOS*	009				
2520	1970 12 13	4.04	81.00	NOS*	007				
2521	1970 12 13	3.98	80.88	NOS*	019				
2522	1970 12 14	3.97	80.74	NOS	036				
2523	1970 12 14	1.31	80.91	NOS	082				
2524	1970 12 14	1.35	80.88	NOS	019				
2525	1970 12 14	4.04	80.95	NOS	032				
2526	1970 12 14	3.95	80.67	NOS	032				
2527	1970 12 14	1.46	80.92	NOS*	012				

11-60

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
2528	1970 12 14	1.53	80.61	NOS*	021				
2529	1970 12 14	14.99	73.45	NOS*	017				
2530	1970 12 15	4.03	80.86	NOS	060				
2531	1970 12 17	1.60	80.70	ISC	015				
2532	1970 12 17	4.36	80.88	NOS	012				
2533	1970 12 18	4.23	80.93	NOS	023				
2534	1970 12 18	3.94	81.17	NOS*	014				
2535	1970 12 21	3.92	80.74	NOS	035				
2536	1970 12 21	3.96	80.81	NOS	044				
2537	1970 12 21	4.03	80.28	NOS	023				
2538	1970 12 22	3.96	80.82	NOS	063				
2539	1970 12 22	4.05	80.61	NOS	021				
2540	1970 12 23	3.80	80.80	ISC	009				
2541	1970 12 24	10.97	74.43	NOS	010				
2542	1970 12 25	3.91	81.09	NOS*	009				
2543	1970 12 25	4.19	80.90	NOS*	009				
2544	1970 12 27	3.87	80.91	NOS	040				
2545	1970 12 27	16.05	72.95	NOS	019				
2546	1970 12 27	1.23	80.81	NOS	014				
2547	1970 12 29	3.86	80.76	NOS	014				
2548	1970 12 29	4.60	81.50	ISC	007				
2549	1970 12 29	3.90	80.90	NOS	077				
2550	1971 01 01	1.28	80.81	NOS*	006				
2551	1971 01 02	3.90	80.79	NOS	011				
2552	1971 01 03	2.37	76.72	NOS	015				
2553	1971 01 03	9.70	78.65	NOS*	009				
2554	1971 01 05	3.88	80.92	NOS	013				
2555	1971 01 05	17.68	69.87	NOS*	006				
2556	1971 01 05	3.97	80.90	NOS*	009				
2557	1971 01 07	1.77	80.74	NOS	021				
2558	1971 01 08	3.97	80.39	NOS	015				
2559	1971 01 09	3.91	80.97	NOS*	010				
2560	1971 01 09	15.67	70.96	NOS	011	F			
2561	1971 01 09	18.56	73.12	NOS	012				
2562	1971 01 10	3.87	80.86	NOS	018				
2563	1971 01 13	19.33	68.93	NOS*	012				
2564	1971 01 14	9.28	79.06	NOS	040				
2565	1971 01 14	4.10	80.64	NOS	021				
2566	1971 01 16	9.09	78.83	NOS	049				
2567	1971 01 21	10.24	75.32	NOS	015				
2568	1971 01 21	17.06	69.23	NOS	087				
2569	1971 01 25	4.06	80.94	NOS	033				
2570	1971 01 26	15.00	72.64	NOS	035				

## EARTHQUAKE CATALOG OF PERU

II-61

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2571	1971 01 27	4.30	75.23	NOS	029				
2572	1971 01 30	11.14	77.92	NOS	024				
2573	1971 02 01	2.21	80.61	NOS*	007				
2574	1971 02 06	4.37	80.83	NOS*	012				
2575	1971 02 06	10.14	78.51	NOS	020				
2576	1971 02 10	4.84	78.54	NOS	012				
2577	1971 02 11	3.95	80.81	NOS	030				
2578	1971 03 01	9.21	78.87	NOS	029				
2579	1971 03 09	10.42	74.06	NOS	015				
2580	1971 03 16	8.46	77.81	NOS*	021				
2581	1971 03 17	3.87	81.02	NOS*	012				
2582	1971 03 19	12.12	75.15	NOS	012				
2583	1971 03 21	14.10	72.13	NOS	061				
2584	1971 03 23	10.35	78.48	NOS*	020				
2585	1971 03 27	7.47	81.60	NOS	052				
2586	1971 04 03	8.86	80.66	NOS	029				
2587	1971 04 04	3.26	77.83	NOS*	012				
2588	1971 04 12	9.80	78.70	NOS	034				
2589	1971 04 14	10.17	78.84	NOS	016				
2590	1971 04 16	9.79	75.61	NOS	050				
2591	1971 04 21	13.54	71.20	NOS	014				
2592	1971 04 24	6.03	77.22	NOS*	014				
2593	1971 04 26	7.19	74.88	NOS	015				
2594	1971 04 27	18.44	69.27	NOS	046				
2595	1971 05 04	8.27	77.84	NOS	027				
2596	1971 05 04	7.35	79.17	ISC	008				
2597	1971 05 05	1.94	78.28	ISC	011				
2598	1971 05 07	15.74	70.40	ISCR	005				
2599	1971 05 09	0.99	77.71	ISC	006				
2600	1971 05 12	3.33	79.78	ISC	005				
2601	1971 05 13	1.34	78.28	NOS*	018				
2602	1971 05 14	8.95	80.66	NOS	032				
2603	1971 05 15	15.86	72.75	ISC	006				
2604	1971 05 17	19.17	69.50	NOS	027				
2605	1971 05 17	1.60	77.70	NOS	145	D			
2606	1971 05 20	1.58	77.81	NOS	015				
2607	1971 05 21	2.51	78.70	ISC	006				
2608	1971 05 22	7.24	76.11	NOS*	013				
2609	1971 05 23	14.06	72.90	NOS	062				
2610	1971 05 23	7.61	74.50	NOS	012				
2611	1971 05 26	11.91	76.87	ISC	013				
2612	1971 05 26	15.09	74.09	ISC	007				
2613	1971 05 27	3.71	80.54	ISC	008				



II-62

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2614	1971 05 28	12.53	76.82	NOS	039	F			
2615	1971 05 29	16.59	70.53	ISC	007				
2616	1971 05 29	18.99	69.33	ISC	014				
2617	1971 05 31	4.09	80.88	NOS	031				
2618	1971 06 01	13.94	73.66	ISC	007				
2619	1971 06 03	18.10	69.47	NOS*	010				
2620	1971 06 10	10.90	76.23	NOS	087	F			
2621	1971 06 10	4.03	80.68	NOS	021				
2622	1971 06 11	4.17	80.66	NOS	068				
2623	1971 06 12	9.91	80.14	ISC	010				
2624	1971 06 22	9.26	79.22	ERL	018				
2625	1971 06 24	7.34	73.64	ISC	006				
2626	1971 06 25	15.94	73.71	NOS*	012				
2627	1971 06 27	16.65	74.24	ISC	013				
2628	1971 06 28	19.86	70.09	ERL	045				
2629	1971 06 29	3.68	78.31	ISC	007				
2630	1971 06 30	18.89	69.55	ISC	006				
2631	1971 07 08	0.90	78.46	ERL*	010	D			
2632	1971 07 09	3.89	80.68	ERL	018				
2633	1971 07 17	4.00	80.83	ERL	029				
2634	1971 07 22	3.73	77.29	ERL*	013				
2635	1971 07 25	10.17	78.63	ERL	035				
2636	1971 07 27	2.75	77.43	ERL	153	C			
2637	1971 08 01	12.91	76.82	ERL	045				
2638	1971 08 03	2.16	78.95	ERL*	008				
2639	1971 08 10	7.91	75.10	ERL	016				
2640	1971 08 12	8.45	78.50	ERL	027				
2641	1971 08 13	13.43	75.15	ERL*	011				
2642	1971 08 18	3.90	80.90	ERL	033				
2643	1971 08 21	16.89	69.67	ERL*	006				
2644	1971 08 23	16.96	70.13	ERL	033				
2645	1971 08 25	7.33	80.36	ERL	036				
2646	1971 08 31	19.28	69.98	ERL*	022				
2647	1971 09 03	19.01	69.08	ERL*	007				
2648	1971 09 05	14.76	75.25	ERL	014				
2649	1971 09 07	4.09	80.83	ERL	020				
2650	1971 09 07	19.20	68.85	ERL	015				
2651	1971 09 09	7.35	74.60	ERL	047				
2652	1971 09 12	7.21	79.98	ERL	028				
2653	1971 09 15	10.31	78.68	ERL	023				
2654	1971 09 16	1.14	78.78	ERL	017	F			
2655	1971 09 20	13.41	77.14	ERL	019				
2656	1971 09 22	7.06	80.48	ERL	046				

## EARTHQUAKE CATALOG OF PERU

II-63

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2657	1971 09 22	10.94	78.09	ERL	059	F	4		
2658	1971 09 24	16.37	73.69	ERL	060				
2659	1971 09 24	16.32	73.78	ERL*	008				
2660	1971 09 24	17.21	69.89	ERL*	010				
2661	1971 09 27	19.49	69.05	ERL*	012				
2662	1971 09 27	15.13	75.28	ERL*	012				
2663	1971 09 29	1.81	77.93	ERL	017	C			
2664	1971 09 30	9.68	78.82	ERL*	017				
2665	1971 10 01	12.75	77.11	ERL	025				
2666	1971 10 03	12.71	77.20	ERL	019				
2667	1971 10 03	12.76	77.36	ERL	053				
2668	1971 10 03	12.62	77.59	ERL*	006				
2669	1971 10 06	14.88	71.67	ERL	024				
2670	1971 10 14	15.61	72.07	ERL*	015				
2671	1971 10 15	15.07	73.91	ERL	023				
2672	1971 10 15	14.09	73.31	ERL	077				
2673	1971 10 16	17.41	69.30	ERL	052				
2674	1971 10 21	15.27	73.12	ERL	030				
2675	1971 10 21	18.30	69.57	ERL	015				
2676	1971 10 23	11.21	79.36	ERL*	022				
2677	1971 10 28	3.86	80.65	ERL	046				
2678	1971 10 28	17.94	69.36	ERL	046				
2679	1971 10 28	8.04	74.38	ERL	043				
2680	1971 11 03	18.62	69.37	ERL	010				
2681	1971 11 04	3.93	80.83	ERL*	009				
2682	1971 11 04	16.50	71.97	ISC	019				
2683	1971 11 04	19.74	69.11	ERL*	007				
2684	1971 11 06	3.87	80.86	ERL*	022				
2685	1971 11 12	13.01	76.34	ERL	025				
2686	1971 11 12	17.75	70.42	ERL*	008				
2687	1971 11 19	10.06	78.93	ERL*	014				
2688	1971 11 27	8.84	79.04	ERL	014				
2689	1971 11 27	1.73	77.82	ERL	020				
2690	1971 11 29	6.95	75.79	ERL*	009				
2691	1971 11 29	11.24	77.75	ERL	053				
2692	1971 12 07	19.41	68.36	ERL*	013				
2693	1971 12 08	19.41	68.41	ERL*	007				
2694	1971 12 13	8.89	71.64	ERL	066				
2695	1971 12 21	2.02	77.43	ERL	035				
2696	1971 12 21	1.38	77.73	ERL	021				
2697	1971 12 22	4.00	76.24	ERL	059				
2698	1972 01 06	16.18	70.44	ERL*	011				
2699	1972 01 11	3.54	77.21	ERL	021				

II-64

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
2700	1972 01 12	6.86	71.82	ERL	118				
2701	1972 01 13	0.15	80.51	ERL	015				
2702	1972 01 13	0.14	80.48	ERL	025				
2703	1972 01 15	14.69	72.54	ERL*	009				
2704	1972 01 21	16.31	70.08	ERL*	010				
2705	1972 01 21	6.70	71.89	ERL	133				
2706	1972 01 22	13.11	76.05	ERL*	006				
2707	1972 01 23	13.23	76.78	ERL	044				
2708	1972 01 27	3.92	79.75	ERL	049				
2709	1972 01 29	17.90	71.40	ERL	034				
2710	1972 01 30	17.99	69.41	ERL	022				
2711	1972 02 03	15.91	69.22	ERL*	006				
2712	1972 02 04	14.85	73.02	ERL*	009				
2713	1972 02 08	14.06	71.52	ERL*	011				
2714	1972 02 12	4.20	76.94	ERL*	009				
2715	1972 02 15	17.51	71.19	ERL	101	F	5		
2716	1972 02 21	16.39	71.27	ERL	050	F	4		
2717	1972 02 21	17.34	70.65	ERL*	011				
2718	1972 02 29	15.04	71.83	ERL	055				
2719	1972 03 09	8.01	74.00	ISC	009				
2720	1972 03 11	9.42	75.49	ERL	052				
2721	1972 03 13	9.76	78.72	ERL	018				
2722	1972 03 17	15.42	73.68	ISC	005				
2723	1972 03 17	18.51	71.36	ISC	006				
2724	1972 03 20	6.77	76.79	ERL	164	C			
2725	1972 03 20	6.64	76.77	ERL	053				
2726	1972 03 20	6.70	76.99	ISC	005				
2727	1972 03 20	6.81	76.85	ERL	091				
2728	1972 03 20	6.94	77.94	ISC	005				
2729	1972 03 21	14.19	76.38	ISC	008				
2730	1972 03 22	17.86	69.61	ERL*	007				
2731	1972 03 23	6.86	76.63	ERL*	009				
2732	1972 03 24	7.01	76.75	ISC	015				
2733	1972 03 27	14.57	76.09	ERL	036				
2734	1972 03 31	19.77	69.20	ISC	016				
2735	1972 04 01	7.01	76.47	ISC	010				
2736	1972 04 03	11.57	76.49	FRL	033				
2737	1972 04 03	19.32	70.56	ISC	007				
2738	1972 04 04	6.95	76.58	ISCR	006				
2739	1972 04 04	7.16	73.90	ISC	005				
2740	1972 04 04	17.12	68.50	ERL*	010				
2741	1972 04 04	17.08	72.54	ERL	027				
2742	1972 04 05	14.78	76.84	ISC	005				

## EARTHQUAKE CATALOG OF PERU

II-65

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
2743	1972 04 06	5.18	82.14	ISC	009				
2744	1972 04 06	1.49	77.90	ERL	047				
2745	1972 04 06	6.87	76.64	ERL	013				
2746	1972 04 09	1.47	77.94	ERL	020				
2747	1972 04 10	16.14	75.61	ISC	010				
2748	1972 04 11	16.12	75.91	ISC	006				
2749	1972 04 11	13.69	75.87	ERL	014				
2750	1972 04 12	16.05	75.78	ISC	006				
2751	1972 04 12	17.50	74.15	ISC	006				
2752	1972 04 13	1.30	81.43	ISC	007				
2753	1972 04 13	1.21	81.19	ISC	010				
2754	1972 04 17	18.18	72.02	ISCR	004				
2755	1972 04 19	0.56	77.42	ERL	021				
2756	1972 04 21	5.76	81.74	ISC	005				
2757	1972 04 23	2.69	79.62	ISCR	004				
2758	1972 04 24	11.09	72.89	ISC	008				
2759	1972 04 24	6.06	81.07	ISC	006				
2760	1972 04 28	13.31	74.04	ISC	008				
2761	1972 04 28	5.21	80.86	ISC	030				
2762	1972 04 28	17.08	75.22	ISC	006				
2763	1972 04 29	17.53	71.20	ISC	005				
2764	1972 05 01	3.05	81.97	ISC	007				
2765	1972 05 07	17.38	72.24	ERL	023				
2766	1972 05 08	0.36	76.28	ISC	009				
2767	1972 05 09	19.80	69.20	ISC	005				
2768	1972 05 10	19.22	69.28	ERL	010				
2769	1972 05 10	2.81	78.67	ERL	045				
2770	1972 05 12	15.94	71.11	ISC	011				
2771	1972 05 13	3.82	80.71	ERL	037				
2772	1972 05 15	14.43	76.26	ISC	007				
2773	1972 05 20	18.65	73.56	ISCR	004				
2774	1972 05 20	9.52	79.07	ISC	005				
2775	1972 05 21	18.61	69.28	ERL	042				
2776	1972 05 21	13.35	77.23	ISCR	004				
2777	1972 05 21	16.03	73.86	ERL	054				
2778	1972 05 23	15.70	76.17	ISC	006				
2779	1972 05 23	10.71	78.27	ISC	018				
2780	1972 05 25	15.31	72.31	ERL*	011				
2781	1972 05 25	15.54	73.61	ISC	007				
2782	1972 05 25	7.22	76.38	ISC	010				
2783	1972 05 26	19.90	70.66	ISC	005				
2784	1972 05 28	1.92	79.64	ISC	006				
2785	1972 05 30	14.45	75.98	ISC	006				

II-66

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2786	1972 06 01	6.61	76.51	ERL	015				
2787	1972 06 01	13.44	77.01	ISC	008				
2788	1972 06 02	6.75	77.16	ISC	007				
2789	1972 06 03	13.31	77.04	ISCR	004				
2790	1972 06 04	2.84	78.95	ERL	039				
2791	1972 06 07	16.59	74.83	ISCR	004				
2792	1972 06 07	17.42	69.35	ERL*	006				
2793	1972 06 08	9.54	75.75	ISCR	004				
2794	1972 06 08	10.70	79.04	ERL	044				
2795	1972 06 08	10.24	75.46	ERL	034				
2796	1972 06 10	13.81	72.83	ERL*	008				
2797	1972 06 10	10.37	75.40	ISC	006				
2798	1972 06 11	16.40	74.76	ISC	005				
2799	1972 06 12	10.90	73.65	ISC	006				
2800	1972 06 13	19.13	69.63	ISC	006				
2801	1972 06 16	14.91	69.99	ISC	014				
2802	1972 06 16	13.87	69.21	ISC	006				
2803	1972 06 16	18.19	69.51	ERL	027				
2804	1972 06 19	12.10	77.51	ERL	034				
2805	1972 06 21	7.82	74.44	ERL	019				
2806	1972 06 24	5.45	78.22	ISC	007				
2807	1972 06 25	5.01	79.92	ERL	032				
2808	1972 06 25	3.69	81.08	ISC	007				
2809	1972 06 29	19.86	70.59	ISC	026				
2810	1972 07 01	10.61	74.98	ERL	016				
2811	1972 07 01	1.95	79.22	ISC	010				
2812	1972 07 02	12.99	72.26	ISC	006				
2813	1972 07 03	15.11	71.01	ISC	006				
2814	1972 07 03	13.95	74.56	ERL*	019				
2815	1972 07 03	8.18	74.30	ERL*	014				
2816	1972 07 04	19.77	68.86	ERL*	008				
2817	1972 07 05	9.89	78.60	ERL	018				
2818	1972 07 05	16.33	73.07	ERL*	011				
2819	1972 07 05	15.68	75.19	ERL	030				
2820	1972 07 06	18.89	69.36	ERL*	005				
2821	1972 07 09	15.26	75.75	ISC	006				
2822	1972 07 10	15.23	74.29	ISC	007				
2823	1972 07 12	7.67	74.10	ISC	007				
2824	1972 07 15	10.43	74.29	ISC	010				
2825	1972 07 16	16.39	72.85	ISC	010				
2826	1972 07 17	14.48	76.26	ERL	028				
2827	1972 07 17	14.43	76.20	ERL	037				
2828	1972 07 17	14.76	76.56	ISC	007				

## EARTHQUAKE CATALOG OF PERU

II-67

NO.	DATE yr mo dy	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
2829	1972 07 17	0.79	76.64	ISC	008				
2830	1972 07 17	14.52	76.24	ERL	028				
2831	1972 07 17	14.87	76.72	ISC	010				
2832	1972 07 18	15.04	76.76	ISC	005				
2833	1972 07 18	10.52	74.33	ERL*	011				
2834	1972 07 18	14.42	76.34	ERL	053				
2835	1972 07 19	17.00	70.53	ERL*	010				
2836	1972 07 19	16.85	74.21	ISC	017				
2837	1972 07 22	3.30	76.88	ERL*	017				
2838	1972 07 24	15.87	74.89	ISC	007				
2839	1972 07 27	12.77	71.92	ISC	005				
2840	1972 07 27	19.19	68.57	ERL	011				
2841	1972 07 29	14.82	73.69	ISC	007				
2842	1972 07 29	1.50	77.93	ERL	045				
2843	1972 07 31	17.86	74.14	ISC	009				
2844	1972 08 04	19.98	69.52	ISC	005				
2845	1972 08 05	17.51	71.07	ISCR	004				
2846	1972 08 11	15.41	73.22	ERL	041				
2847	1972 08 11	19.60	70.35	ISC	010				
2848	1972 08 14	17.64	69.51	ISC	009				
2849	1972 08 15	14.92	76.68	ISC	014				
2850	1972 08 16	11.73	73.94	ISC	013				
2851	1972 08 16	13.97	77.14	ISC	006				
2852	1972 08 17	13.96	74.62	ERL	057				
2853	1972 08 18	7.07	74.29	ISCR	004				
2854	1972 08 19	9.54	75.60	ISCR	004				
2855	1972 08 19	19.76	71.75	ISC	005				
2856	1972 08 20	7.56	74.67	ERL	020				
2857	1972 08 21	6.25	81.46	ISC	010				
2858	1972 08 23	9.61	75.58	ISC	005				
2859	1972 08 23	18.48	70.08	ISC	005				
2860	1972 08 26	7.73	78.98	ISC	006				
2861	1972 08 27	15.90	69.35	ERL*	008				
2862	1972 08 30	10.44	75.66	ISC	005				
2863	1972 08 31	19.54	70.56	ISCR	004				
2864	1972 09 01	17.31	72.03	ISC	007				
2865	1972 09 02	18.26	69.40	ERL	014				
2866	1972 09 04	3.77	80.61	ERL	050				
2867	1972 09 05	10.19	73.71	ERL	022				
2868	1972 09 05	9.07	72.48	ISC	008				
2869	1972 09 06	16.85	71.12	ERL	029	D			
2870	1972 09 08	9.20	79.08	ERL*	010				
2871	1972 09 08	9.03	79.09	ISC	006				

II-68

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
2872	1972 09 17	7.83	75.54	ISC	011				
2873	1972 09 18	18.47	73.51	ISC	006				
2874	1972 09 22	15.68	74.78	ISC	007				
2875	1972 09 23	10.36	75.55	ISC	007				
2876	1972 09 24	16.90	73.03	ERL*	008				
2877	1972 09 25	18.16	70.16	ERL	008				
2878	1972 09 26	16.51	73.10	ISC	006				
2879	1972 09 27	17.91	69.95	ERL*	005				
2880	1972 09 28	15.79	69.42	ISC	012				
2881	1972 09 28	16.59	72.88	ISC	013				
2882	1972 09 29	8.47	74.99	ERL	028				
2883	1972 09 29	14.74	74.53	ISC	006				
2884	1972 09 29	9.88	73.62	ISC	006				
2885	1972 09 30	14.35	73.21	ISC	008				
2886	1972 09 30	14.38	73.19	ISC	007				
2887	1972 10 03	19.62	69.63	ISCR	005				
2888	1972 10 06	15.13	73.33	ERL*	008				
2889	1972 10 09	15.94	75.97	ISCR	004				
2890	1972 10 09	15.21	73.11	ERL	017				
2891	1972 10 10	6.71	74.77	ERL*	010				
2892	1972 10 12	1.14	79.13	ISC	018				
2893	1972 10 12	16.45	71.84	ISC	012				
2894	1972 10 14	7.69	74.03	ISC	009				
2895	1972 10 14	14.25	69.05	ISC	010				
2896	1972 10 18	19.44	69.84	ISC	006				
2897	1972 10 21	19.85	69.20	ERL*	007				
2898	1972 10 22	9.79	78.63	ERL	075				
2899	1972 10 24	15.59	70.37	ERL*	006				
2900	1972 10 25	4.98	82.76	ISCR	004				
2901	1972 10 26	9.88	80.12	ISC	011				
2902	1972 10 27	8.55	74.41	ERL	015				
2903	1972 10 28	17.87	69.52	ISC	012				
2904	1972 10 29	5.55	76.48	ISC	016				
2905	1972 10 31	14.21	73.40	ISC	007				
2906	1972 11 03	13.92	69.68	ISC	006				
2907	1972 11 03	19.29	69.04	ERL	044				
2908	1972 11 04	7.56	73.17	ISC	005				
2909	1972 11 05	9.74	78.71	ERL	030				
2910	1972 11 08	19.95	73.17	ISCR	004				
2911	1972 11 08	19.24	68.79	ERL	011				
2912	1972 11 11	7.65	78.36	ISCR	004				
2913	1972 11 18	15.79	74.19	ISC	009				
2914	1972 11 22	13.28	69.77	ISC	005				

## EARTHQUAKE CATALOG OF PERU

II-69

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2915	1972 11 23	18.00	73.83	ISC	007				
2916	1972 11 29	9.73	75.58	ISC	005				
2917	1972 11 29	16.54	70.86	ERL	010				
2918	1972 11 29	18.04	74.60	ISC	005				
2919	1972 11 30	14.77	73.37	ISC	011				
2920	1972 12 02	5.13	76.05	ISC	030				
2921	1972 12 02	10.30	74.30	ISC	007				
2922	1972 12 03	6.50	80.58	ERL*	012				
2923	1972 12 03	17.06	75.17	ISC	005				
2924	1972 12 04	9.13	74.29	ISC	006				
2925	1972 12 08	15.86	75.96	ISC	007				
2926	1972 12 09	15.58	71.91	ERL*	006				
2927	1972 12 10	2.95	78.94	ISC	006				
2928	1972 12 12	19.98	68.52	ERL*	007				
2929	1972 12 12	19.32	70.28	ISC	006				
2930	1972 12 17	8.80	75.48	ISC	007				
2931	1972 12 18	19.47	69.07	ERL	012				
2932	1972 12 19	4.83	77.10	ERL*	019				
2933	1972 12 20	12.63	72.60	ISC	005				
2934	1972 12 20	9.68	71.23	ERL	031				
2935	1972 12 21	9.75	78.69	ERL*	014				
2936	1972 12 22	18.34	71.63	ISC	006				
2937	1972 12 24	19.79	69.58	ISC	006				
2938	1972 12 25	13.73	71.50	ISC	006				
2939	1972 12 26	1.07	78.72	ERL*	007				
2940	1972 12 26	6.70	73.44	ISC	006				
2941	1972 12 28	3.81	77.96	ERL	044				
2942	1973 01 08	19.25	70.47	ERL	011				
2943	1973 01 13	0.46	77.96	ERL	012				
2944	1973 01 15	15.71	75.08	ERL	020				
2945	1973 01 15	15.70	70.34	ERL*	010				
2946	1973 01 16	15.59	74.26	ERL*	027				
2947	1973 01 21	7.95	74.39	ERL	044				
2948	1973 01 25	1.44	77.62	ERL	020				
2949	1973 01 29	12.11	77.29	ERL	021				
2950	1973 01 29	16.88	69.69	ERL*	008				
2951	1973 01 30	5.55	77.08	ERL	024				
2952	1973 02 01	4.03	80.53	ERL	032				
2953	1973 02 01	12.91	73.45	ERL	009				
2954	1973 02 06	5.18	78.42	ERL	030				
2955	1973 02 07	7.42	74.81	ERL	052				
2956	1973 02 09	18.39	69.08	ERL	023				
2957	1973 02 11	5.54	80.91	ERL*	015				



II-70

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
2958	1973 02 23	2.09	78.21	ERL	099				
2959	1973 02 23	2.05	78.19	ERL	045				
2960	1973 02 23	2.26	78.35	ERL	027				
2961	1973 02 28	9.15	77.57	ERL*	024				
2962	1973 03 01	17.99	70.37	ISC	009				
2963	1973 03 01	2.08	78.21	ERL	031				
2964	1973 03 01	9.93	74.92	ISCR	004				
2965	1973 03 01	5.63	78.72	ISCR	004				
2966	1973 03 02	18.96	69.08	ERL	016				
2967	1973 03 03	14.94	71.13	ERL	020				
2968	1973 03 03	14.06	74.69	ISC	005				
2969	1973 03 05	4.23	80.63	ERL	028				
2970	1973 03 05	14.70	71.15	ERL	012				
2971	1973 03 06	15.26	71.24	ERL	041				
2972	1973 03 07	11.16	74.77	ERL	012				
2973	1973 03 08	2.42	78.61	ISC	005				
2974	1973 03 09	1.36	80.42	ERL*	009				
2975	1973 03 12	15.88	72.08	ERL	010				
2976	1973 03 12	19.63	72.22	ISC	005				
2977	1973 03 12	18.66	70.90	ISCR	004				
2978	1973 03 14	11.63	74.18	ISC	008				
2979	1973 03 15	10.10	79.24	ISC	009				
2980	1973 03 17	9.63	77.79	ISC	018				
2981	1973 03 17	19.64	68.84	ERL	020				
2982	1973 03 18	8.84	74.60	ISC	011				
2983	1973 03 19	4.04	81.48	ISC	007				
2984	1973 03 21	15.18	75.33	ISC	006				
2985	1973 03 21	9.91	79.19	ISCR	004				
2986	1973 03 26	17.22	69.35	ERL*	008				
2987	1973 03 28	12.85	76.21	ISC	007				
2988	1973 03 28	7.22	76.51	ERL*	009				
2989	1973 03 29	16.55	75.58	ISC	006				
2990	1973 03 29	17.24	75.15	ISC	005				
2991	1973 03 31	15.43	76.50	ISC	006				
2992	1973 03 31	11.66	76.51	ISC	007				
2993	1973 04 04	19.95	68.99	ERL	014				
2994	1973 04 05	17.05	73.65	ERL*	007				
2995	1973 04 06	17.06	72.50	ERL	028				
2996	1973 04 06	17.48	72.76	ERL*	009				
2997	1973 04 10	8.05	78.65	ISCR	004				
2998	1973 04 11	18.37	73.53	ISC	007				
2999	1973 04 11	9.64	78.97	ERL*	013				
3000	1973 04 13	14.35	76.85	ISC	009				

## EARTHQUAKE CATALOG OF PERU

II-71

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3001	1973 04 15	14.61	76.09	ERL	037				
3002	1973 04 15	16.08	75.37	ISC	006				
3003	1973 04 18	14.55	76.29	ERL	033				
3004	1973 04 19	14.65	76.27	ERL*	027				
3005	1973 04 22	16.68	74.32	ERL*	007				
3006	1973 04 23	6.82	73.89	ISC	008				
3007	1973 04 24	15.95	72.81	ERL*	005				
3008	1973 04 25	10.83	76.45	ERL	019				
3009	1973 04 26	6.94	80.21	ERL	027				
3010	1973 04 28	2.90	77.88	ISC	005				
3011	1973 04 28	1.44	79.88	ERL	102				
3012	1973 04 28	18.53	71.19	ERL*	005				
3013	1973 04 29	15.25	71.95	ERL	010				
3014	1973 04 30	17.43	69.54	ERL	008				
3015	1973 04 30	16.70	73.96	ERL	013				
3016	1973 05 03	1.98	78.40	ERL*	008				
3017	1973 05 05	18.32	70.87	ERL*	007				
3018	1973 05 08	19.56	71.22	ERL*	006				
3019	1973 05 08	19.58	71.11	ERL*	007				
3020	1973 05 08	19.50	71.22	ERL*	005				
3021	1973 05 09	17.87	69.20	ERL*	006				
3022	1973 05 10	2.10	78.82	ERL	035				
3023	1973 05 11	9.79	79.43	ISCR	004				
3024	1973 05 12	9.49	78.62	ERL	036				
3025	1973 05 19	15.57	73.85	ERL	050				
3026	1973 05 23	15.10	74.47	ISC	008				
3027	1973 05 27	17.41	69.44	ERL*	006				
3028	1973 05 28	13.98	75.27	ERL*	007				
3029	1973 05 29	8.47	73.97	ERL	025				
3030	1973 05 30	2.26	78.52	ERL	174	F			
3031	1973 05 30	14.06	72.79	ERL	044				
3032	1973 06 04	1.31	77.79	ERL	012				
3033	1973 06 05	18.02	71.79	ISC	008				
3034	1973 06 06	16.81	71.90	ISC	007				
3035	1973 06 06	1.11	76.07	ISC	007				
3036	1973 06 06	2.07	79.96	ERL*	010				
3037	1973 06 08	19.33	69.13	ISC	010				
3038	1973 06 09	4.67	77.22	ERL	024				
3039	1973 06 10	8.69	79.92	ISCR	004				
3040	1973 06 10	19.38	69.45	ISC	006				
3041	1973 06 11	20.00	70.10	ERL*	018				
3042	1973 06 13	19.99	70.17	ISC	009				
3043	1973 06 14	8.50	72.92	ISC	007				

II-72

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	Q1	CE	MMI	ISO FP	PE
3044	1973 06 21	15.07	76.65	ISC	006				
3045	1973 06 21	14.09	74.84	ISC	006				
3046	1973 06 21	15.91	74.19	ERL*	010				
3047	1973 06 23	15.56	76.37	ISC	009				
3048	1973 06 26	3.91	78.98	ISC	007				
3049	1973 06 26	11.74	78.22	ISC	007				
3050	1973 06 30	8.97	82.55	ISC	007				
3051	1973 07 02	18.75	72.04	ISC	005				
3052	1973 07 02	10.53	75.03	ISC	007				
3053	1973 07 07	19.17	69.77	ERL	055				
3054	1973 07 07	12.16	73.74	ISC	006				
3055	1973 07 07	19.40	69.61	ERL*	007				
3056	1973 07 09	15.73	73.67	ERL	024				
3057	1973 07 10	8.73	77.29	ISC	014				
3058	1973 07 13	6.87	76.32	ISC	019				
3059	1973 07 14	1.57	80.76	ISC	013				
3060	1973 07 14	10.24	79.33	ERL	021				
3061	1973 07 17	9.30	74.23	ISC	006				
3062	1973 07 18	18.35	69.20	ERL	058				
3063	1973 07 19	10.85	79.18	ISC	007				
3064	1973 07 21	19.15	70.15	GS *	011				
3065	1973 07 23	15.77	75.25	ISC	005				
3066	1973 07 24	16.46	70.38	ISCR	004				
3067	1973 07 25	13.77	69.81	ISC	006				
3068	1973 07 25	7.02	83.43	ISC	007				
3069	1973 07 25	15.60	71.82	ISC	005				
3070	1973 07 27	16.35	70.35	ISCR	004				
3071	1973 07 28	5.01	73.94	ISC	009				
3072	1973 07 28	17.89	70.60	ISCR	004				
3073	1973 07 28	17.50	70.54	ISC	005				
3074	1973 07 28	4.25	80.49	ERL*	015				
3075	1973 07 28	16.06	71.31	ERL	111	F	4		
3076	1973 07 29	14.33	72.13	ERL	081				
3077	1973 07 30	17.71	70.54	ISCR	004				
3078	1973 07 30	3.87	80.88	ERL*	015				
3079	1973 07 31	15.67	72.63	ERL	012				
3080	1973 08 01	2.73	77.97	GS *	010				
3081	1973 08 03	13.74	71.87	ISC	005				
3082	1973 08 03	15.96	69.44	ERL*	013				
3083	1973 08 04	17.93	69.48	GS *	005				
3084	1973 08 07	7.20	80.77	ERL	029				
3085	1973 08 07	7.23	76.36	ISC	008				
3086	1973 08 07	5.68	77.10	ERL	033				

## EARTHQUAKE CATALOG OF PERU

II-73

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3087	1973 08 07	10.12	78.99	ISCR	004				
3088	1973 08 07	9.36	78.82	GS	027				
3089	1973 08 11	14.70	72.72	ISC	013				
3090	1973 08 17	13.77	70.22	ISC	005				
3091	1973 08 19	19.14	73.50	ISC	006				
3092	1973 08 24	15.98	76.57	GS *	010				
3093	1973 08 26	17.86	69.43	GS	009				
3094	1973 08 27	8.29	76.91	ISC	005				
3095	1973 08 29	17.53	75.73	ISC	007				
3096	1973 09 01	15.84	72.11	ISC	005				
3097	1973 09 06	13.78	70.37	ISC	006				
3098	1973 09 06	13.55	79.30	ISC	007				
3099	1973 09 07	15.86	75.99	ISC	006				
3100	1973 09 08	8.34	74.18	GS	085				
3101	1973 09 10	7.80	73.84	ISC	006				
3102	1973 09 14	19.28	71.73	ISC	006				
3103	1973 09 15	17.22	74.73	ISC	006				
3104	1973 09 16	5.43	76.81	ISCR	004				
3105	1973 09 18	7.03	76.14	GS	098				
3106	1973 09 20	4.17	78.32	ISC	009				
3107	1973 09 21	6.05	80.21	ISC	008				
3108	1973 09 26	19.71	69.65	ISC	007				
3109	1973 09 28	18.12	70.86	GS	015				
3110	1973 10 01	16.19	73.42	GS	032				
3111	1973 10 02	12.02	75.11	ISC	006				
3112	1973 10 03	17.33	71.04	ISCR	004				
3113	1973 10 04	17.59	69.85	GS	007				
3114	1973 10 07	15.43	71.20	ISC	015				
3115	1973 10 09	4.14	76.24	GS	019				
3116	1973 10 09	17.44	69.50	GS	023				
3117	1973 10 09	17.13	72.79	GS	021				
3118	1973 10 11	18.27	69.64	ISC	009				
3119	1973 10 12	16.02	74.04	GS	050	F	3		
3120	1973 10 16	3.51	77.43	ISCR	004				
3121	1973 10 17	15.52	76.36	ISC	006				
3122	1973 10 19	15.96	76.56	ISC	009				
3123	1973 10 19	15.25	72.45	ISC	007				
3124	1973 10 19	19.42	69.87	GS	049				
3125	1973 10 19	17.78	69.35	GS	008				
3126	1973 10 20	16.58	74.60	ISC	005				
3127	1973 10 22	17.99	69.80	GS	040				
3128	1973 10 23	14.51	73.02	GS *	006				
3129	1973 10 23	8.57	78.37	GS	017				

II-74

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3130	1973 10 25	13.48	72.36	GS	037				
3131	1973 10 26	15.15	72.24	ISC	007				
3132	1973 10 30	9.53	81.76	ISC	008				
3133	1973 10 31	13.89	71.38	ISC	007				
3134	1973 10 31	14.96	75.18	ISC	007				
3135	1973 11 02	8.74	79.39	GS *	010	F	3		
3136	1973 11 03	17.89	70.68	GS	024				
3137	1973 11 04	9.80	78.85	GS *	005				
3138	1973 11 04	1.40	79.53	GS *	006				
3139	1973 11 05	8.34	74.34	GS	020				
3140	1973 11 06	9.69	79.19	ISCR	004				
3141	1973 11 08	7.29	74.61	ISC	019				
3142	1973 11 08	16.12	74.80	ISC	006				
3143	1973 11 09	14.99	76.30	ISC	006				
3144	1973 11 09	3.97	80.97	GS	080				
3145	1973 11 11	5.93	75.16	GS *	017				
3146	1973 11 11	15.71	69.06	ISC	006				
3147	1973 11 11	15.33	74.02	GS *	007				
3148	1973 11 12	10.72	79.16	GS	022				
3149	1973 11 14	11.94	74.81	ISCR	004				
3150	1973 11 17	9.67	78.96	ISC	008				
3151	1973 11 20	17.42	74.84	ISC	007				
3152	1973 11 21	8.63	74.44	GS	024				
3153	1973 11 22	3.31	80.24	ISC	005				
3154	1973 11 23	19.86	68.39	ISC	006				
3155	1973 11 25	18.78	69.16	GS	037				
3156	1973 11 26	6.64	75.17	GS *	013				
3157	1973 11 26	8.96	75.05	ISC	005				
3158	1973 11 29	5.61	76.06	ISCR	004				
3159	1973 11 29	15.07	71.93	ISC	006				
3160	1973 12 01	17.73	69.73	GS	043				
3161	1973 12 03	9.85	79.49	GS *	010				
3162	1973 12 04	11.85	78.34	ISC	005				
3163	1973 12 06	15.61	76.82	GS *	013				
3164	1973 12 10	1.44	77.74	GS	081				
3165	1973 12 16	15.65	73.80	ISC	007				
3166	1973 12 22	9.40	76.53	ISC	006				
3167	1973 12 24	12.62	77.47	GS	047				
3168	1973 12 29	16.82	69.79	GS *	008				
3169	1973 12 30	15.00	71.97	ISC	006				
3170	1973 12 30	15.04	72.00	ISCR	005				
3171	1974 01 04	11.89	75.33	ISC	005				
3172	1974 01 05	12.30	76.35	GS	168	C			

## EARTHQUAKE CATALOG OF PERU

II-75

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3173	1974 01 08	15.48	71.87	ISC	010				
3174	1974 01 12	6.11	76.65	ISC	007				
3175	1974 01 13	0.79	80.69	GS *	008				
3176	1974 01 13	12.68	73.09	GS	013				
3177	1974 01 13	19.21	69.38	ISC	009				
3178	1974 01 14	8.57	77.55	GS	037				
3179	1974 01 14	8.56	77.74	GS	019				
3180	1974 01 16	16.13	73.56	ISC	005				
3181	1974 01 19	18.83	72.39	GS	012				
3182	1974 01 20	12.58	73.03	ISC	007				
3183	1974 01 21	9.54	80.20	ISCR	004				
3184	1974 01 21	4.25	77.78	GS *	011				
3185	1974 01 22	17.89	69.33	GS *	009				
3186	1974 01 22	6.30	81.10	GS	017				
3187	1974 01 24	14.70	76.42	ISC	007				
3188	1974 01 25	16.48	69.85	GS *	007				
3189	1974 02 01	14.54	72.36	ISC	011				
3190	1974 02 01	15.74	75.04	GS	037				
3191	1974 02 01	16.71	75.88	ISC	007				
3192	1974 02 02	15.95	74.48	GS	055				
3193	1974 02 03	15.39	74.56	ISC	005				
3194	1974 02 03	0.15	75.57	ISC	006				
3195	1974 02 05	3.85	71.07	ISC	008				
3196	1974 02 06	10.97	74.62	GS	017				
3197	1974 02 06	10.73	74.83	ISCR	004				
3198	1974 02 06	16.54	75.27	ISCR	004				
3199	1974 02 06	18.33	69.45	ISC	005				
3200	1974 02 08	18.31	69.91	GS *	007				
3201	1974 02 08	8.32	77.18	GS	025				
3202	1974 02 09	8.96	75.06	GS	020				
3203	1974 02 09	16.00	75.41	ISC	006				
3204	1974 02 10	14.46	75.66	GS *	011				
3205	1974 02 12	16.81	71.71	ISC	008				
3206	1974 02 12	16.27	72.74	ISC	007				
3207	1974 02 12	5.78	74.49	GS	015				
3208	1974 02 15	11.95	77.73	ISC	006				
3209	1974 02 24	14.67	70.64	ISC	006				
3210	1974 02 25	1.62	78.00	GS	017				
3211	1974 03 05	6.46	77.71	GS *	009				
3212	1974 03 05	17.83	68.60	GS *	009				
3213	1974 03 08	16.42	68.48	GS *	007				
3214	1974 03 08	9.95	79.39	GS	025				
3215	1974 03 11	9.35	78.43	GS	050	D			

II-76

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3216	1974 03 12	16.67	71.85	ISC	009				
3217	1974 03 13	15.56	71.58	ISC	007				
3218	1974 03 14	12.63	74.65	GS	009				
3219	1974 03 15	15.49	72.13	ISC	009				
3220	1974 03 16	14.99	74.37	ISC	005				
3221	1974 03 19	10.26	76.26	ISC	007				
3222	1974 03 21	4.53	73.40	GS *	019				
3223	1974 03 23	17.06	72.37	ISC	006				
3224	1974 03 25	14.97	72.93	ISC	007				
3225	1974 03 28	3.24	78.14	GS *	010				
3226	1974 03 28	3.75	76.00	ISC	005				
3227	1974 03 30	19.88	68.86	GS	036				
3228	1974 04 01	15.51	70.47	ISC	008				
3229	1974 04 01	4.91	77.70	GS	010				
3230	1974 04 02	9.79	73.89	ISCR	004				
3231	1974 04 08	15.45	73.47	ISC	006				
3232	1974 04 09	11.95	75.24	ISC	005				
3233	1974 04 09	4.81	81.93	ISC	007				
3234	1974 04 11	8.38	77.77	ISC	015				
3235	1974 04 13	8.70	78.41	GS	023				
3236	1974 04 13	13.46	76.01	ISC	005				
3237	1974 04 14	10.47	78.52	GS	014				
3238	1974 04 17	13.66	71.94	ISC	006				
3239	1974 04 18	5.64	77.04	GS *	026				
3240	1974 04 18	19.74	72.21	ISCR	004				
3241	1974 04 18	13.85	76.78	ISC	006				
3242	1974 04 19	3.74	77.77	ISC	009				
3243	1974 04 25	16.99	70.66	GS	073	F	4		
3244	1974 04 27	14.96	72.21	GS	162	F	3		
3245	1974 05 01	3.53	76.47	GS	014				
3246	1974 05 02	17.77	74.07	ISC	006				
3247	1974 05 02	14.83	71.51	GS	008				
3248	1974 05 03	19.40	68.73	GS	010				
3249	1974 05 11	15.51	70.58	GS *	005				
3250	1974 05 12	19.56	69.05	GS	129				
3251	1974 05 13	5.60	78.87	ISC	006				
3252	1974 05 13	1.75	80.69	ISC	007				
3253	1974 05 16	19.77	69.20	ISC	010				
3254	1974 05 17	0.63	78.51	GS *	018				
3255	1974 05 17	11.17	75.08	GS	128	F	5		
3256	1974 05 22	15.30	69.82	ISC	005				
3257	1974 05 23	3.97	79.05	ISC	009				
3258	1974 05 24	11.65	73.09	GS *	007				

## EARTHQUAKE CATALOG OF PERU

II-77

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3259	1974 05 25	10.14	75.53	GS *	015				
3260	1974 05 26	15.27	71.68	GS *	006				
3261	1974 05 28	8.17	73.88	GS	007				
3262	1974 05 29	5.65	80.94	GS	010				
3263	1974 05 29	9.21	75.09	GS	013				
3264	1974 06 01	17.56	71.73	GS *	005				
3265	1974 06 01	2.59	80.20	GS	025				
3266	1974 06 03	4.89	81.21	GS *	007				
3267	1974 06 04	1.57	80.34	GS	020				
3268	1974 06 07	8.82	75.82	GS *	018				
3269	1974 06 09	5.75	80.86	GS	053				
3270	1974 06 09	5.75	80.98	GS	083				
3271	1974 06 10	8.93	81.17	ISC	008				
3272	1974 06 12	3.88	76.28	GS *	012				
3273	1974 06 12	2.97	80.25	GS	005				
3274	1974 06 15	9.13	78.71	GS	026				
3275	1974 06 16	3.22	78.84	ISC	006				
3276	1974 06 19	16.69	71.91	ISC	008				
3277	1974 06 19	8.73	76.15	GS	008				
3278	1974 06 20	10.62	74.88	GS	011				
3279	1974 06 20	15.68	71.45	ISC	007				
3280	1974 06 23	2.04	80.45	GS *	008				
3281	1974 06 23	10.24	77.47	ISC	024				
3282	1974 06 23	5.43	81.88	ISC	008				
3283	1974 06 28	18.52	69.82	ISC	005				
3284	1974 06 29	10.23	75.48	GS	019				
3285	1974 06 30	2.81	79.83	GS *	006				
3286	1974 07 02	15.97	75.15	GS	017				
3287	1974 07 02	16.81	75.95	ISC	005				
3288	1974 07 03	12.76	78.57	ISC	006				
3289	1974 07 04	8.28	74.11	GS *	017				
3290	1974 07 05	7.39	77.28	ISC	010				
3291	1974 07 06	10.07	73.29	ISC	007				
3292	1974 07 07	10.98	73.83	ISC	006				
3293	1974 07 12	11.96	75.45	GS *	006				
3294	1974 07 14	9.85	79.14	ISC	009				
3295	1974 07 15	19.25	68.82	GS	012				
3296	1974 07 16	15.73	70.29	GS *	012				
3297	1974 07 17	18.37	69.53	ISC	007				
3298	1974 07 17	17.50	72.73	GS	009				
3299	1974 07 21	4.72	80.19	GS	015				
3300	1974 07 24	15.33	71.10	GS	017				
3301	1974 07 26	12.60	76.68	GS *	007				



II-78

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3302	1974 07 26	16.27	70.94	GS	045				
3303	1974 07 27	10.15	78.60	GS	020				
3304	1974 07 28	16.00	76.29	ISC	006				
3305	1974 07 29	4.16	75.63	ISC	013				
3306	1974 07 30	2.83	78.99	GS *	008				
3307	1974 07 30	16.96	70.45	GS	007				
3308	1974 08 06	16.36	74.37	ISCR	004				
3309	1974 08 09	8.48	74.28	GS	089				
3310	1974 08 11	6.56	77.43	ISC	009				
3311	1974 08 14	14.97	76.81	ISCR	004				
3312	1974 08 15	15.63	74.52	GS	016				
3313	1974 08 17	1.62	81.10	GS	027				
3314	1974 08 17	19.23	69.86	GS *	007				
3315	1974 08 17	12.66	74.20	GS *	007				
3316	1974 08 21	11.56	75.70	GS	021				
3317	1974 08 21	19.99	71.14	GS	036	F	3		
3318	1974 08 31	12.71	77.02	GS *	011				
3319	1974 08 31	18.49	69.77	GS	026				
3320	1974 08 31	14.78	77.11	ISC	006				
3321	1974 08 31	15.30	72.09	GS *	009				
3322	1974 09 02	17.74	74.34	ISC	005				
3323	1974 09 03	14.94	71.86	ISC	005				
3324	1974 09 04	17.84	71.50	GS *	006				
3325	1974 09 07	10.43	75.52	ISC	006				
3326	1974 09 11	19.02	69.58	GS	045				
3327	1974 09 14	18.77	69.73	ISC	005				
3328	1974 09 16	7.97	74.44	ISC	008				
3329	1974 09 19	10.38	78.95	GS *	008				
3330	1974 09 19	1.95	77.05	GS *	009				
3331	1974 09 20	19.64	69.07	GS *	013				
3332	1974 09 23	13.12	70.43	ISC	006				
3333	1974 09 23	19.97	71.76	ISCR	004				
3334	1974 09 23	18.84	70.53	ISC	005				
3335	1974 09 26	17.52	69.21	ISC	005				
3336	1974 09 27	12.43	77.58	GS	021	F	3		
3337	1974 09 30	17.59	69.53	GS *	007				
3338	1974 10 02	5.91	81.09	GS	094	F	4		
3339	1974 10 03	12.27	77.79	GS	165	C	7	I	T
3340	1974 10 03	12.64	78.06	GS *	006				
3341	1974 10 03	12.45	76.50	GS *	010				
3342	1974 10 03	11.24	75.20	ISC	006				
3343	1974 10 03	12.43	77.07	ISC	006				

## EARTHQUAKE CATALOG OF PERU

11-79

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3344	1974 10 03	12.67	77.69	ISCR	004				
3345	1974 10 03	13.50	77.13	GS	026				
3346	1974 10 03	12.93	79.06	ISCR	004				
3347	1974 10 03	12.75	78.17	ISCR	004				
3348	1974 10 03	12.40	77.64	GS	026				
3349	1974 10 03	12.46	78.12	GS *	006				
3350	1974 10 03	17.49	69.43	ISC	010				
3351	1974 10 03	13.43	77.03	GS	019				
3352	1974 10 03	12.11	77.92	GS *	009				
3353	1974 10 03	18.45	68.97	GS	008				
3354	1974 10 04	12.74	77.44	ISC	006				
3355	1974 10 04	12.42	78.32	ISC	005				
3356	1974 10 04	13.48	77.12	GS	017				
3357	1974 10 04	17.67	69.49	GS *	005				
3358	1974 10 04	12.10	77.53	GS *	009	F	2		
3359	1974 10 04	12.92	77.54	ISC	010	F	4		
3360	1974 10 04	13.38	77.41	ISC	010	F	3		
3361	1974 10 04	12.82	77.97	ISC	007				
3362	1974 10 05	12.53	76.60	ISC	012				
3363	1974 10 05	12.34	77.74	GS	015	F	4		
3364	1974 10 05	13.76	76.64	GS *	016	F	2		
3365	1974 10 05	12.81	77.76	GS *	007	F	3		
3366	1974 10 05	12.06	77.37	ISC	006				
3367	1974 10 06	12.46	77.74	GS	011	F	2		
3368	1974 10 06	11.82	77.63	ISC	005				
3369	1974 10 06	15.30	74.78	GS	028				
3370	1974 10 06	11.96	77.29	ISCR	004				
3371	1974 10 07	12.25	77.94	GS	026	F	5		
3372	1974 10 07	13.48	76.95	GS	021	F	4		
3373	1974 10 07	12.35	77.48	ISC	005				
3374	1974 10 08	14.62	71.52	GS	010				
3375	1974 10 08	4.42	80.93	GS	020				
3376	1974 10 08	18.24	69.42	GS *	006				
3377	1974 10 09	13.00	77.13	ISC	007				
3378	1974 10 09	12.74	77.16	GS *	015	F	4		
3379	1974 10 09	12.52	77.73	GS	018	F	5		
3380	1974 10 09	12.88	76.89	GS	018	F	5		
3381	1974 10 10	13.01	77.31	ISCR	004				
3382	1974 10 10	12.44	77.61	GS	066	F	5		
3383	1974 10 10	12.99	77.54	GS	025				
3384	1974 10 11	14.52	74.28	GS	059				
3385	1974 10 11	16.01	74.21	GS	021				
3386	1974 10 12	13.81	77.68	ISC	010				

II-80

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3387	1974 10 13	12.63	77.13	GS *	007				
3388	1974 10 13	12.56	77.16	GS *	005	F	2		
3389	1974 10 14	2.38	76.44	GS	061				
3390	1974 10 14	12.58	76.77	ISC	012				
3391	1974 10 15	12.77	77.12	ISC	006				
3392	1974 10 16	12.54	77.01	ISC	006				
3393	1974 10 17	16.51	74.13	ISC	008				
3394	1974 10 18	4.04	77.64	GS *	008				
3395	1974 10 21	1.12	78.64	GS *	008				
3396	1974 10 21	2.35	76.43	ISC	011				
3397	1974 10 23	12.07	77.31	ISC	007				
3398	1974 10 24	12.38	77.40	ISCR	004				
3399	1974 10 24	12.53	77.30	GS *	007				
3400	1974 10 25	19.66	73.99	ISC	007				
3401	1974 10 26	14.94	73.31	GS	071				
3402	1974 10 26	18.90	69.14	GS	033	F	2		
3403	1974 10 27	16.65	71.59	GS	013				
3404	1974 10 28	13.23	77.54	ISC	006				
3405	1974 10 28	13.66	77.47	ISC	005				
3406	1974 10 31	15.35	71.03	GS *	023				
3407	1974 10 31	15.06	70.69	GS	045				
3408	1974 10 31	15.47	71.24	ISC	006				
3409	1974 11 02	12.53	77.87	GS	020				
3410	1974 11 05	16.71	71.39	GS	017	F	4		
3411	1974 11 06	19.23	69.86	ISC	008				
3412	1974 11 07	15.41	70.52	GS	084	F	3		
3413	1974 11 08	13.76	76.93	ISC	006				
3414	1974 11 08	18.03	72.08	ISC	004				
3415	1974 11 09	14.59	73.67	ISC	006				
3416	1974 11 09	12.50	77.79	GS	131	F	4		
3417	1974 11 11	11.13	78.90	GS	014				
3418	1974 11 11	7.33	76.72	GS	011				
3419	1974 11 12	10.73	79.08	GS	031				
3420	1974 11 14	12.85	77.08	GS	055	F	3		
3421	1974 11 15	5.73	79.96	ISC	006				
3422	1974 11 16	15.45	73.46	ISC	007				
3423	1974 11 16	5.70	81.27	ISC	013				
3424	1974 11 17	0.88	80.36	ISC	008				
3425	1974 11 17	13.26	80.76	ISCR	004				
3426	1974 11 17	16.33	70.19	GS	008				
3427	1974 11 18	12.91	77.61	ISC	007				
3428	1974 11 19	17.84	69.88	ISC	014				

## EARTHQUAKE CATALOG OF PERU

II-81

NO.	DATE yr mo dy	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3429	1974 11 21	13.69	75.98	GS	008				
3430	1974 11 22	3.76	79.44	ISC	012				
3431	1974 11 26	19.93	68.51	GS *	031				
3432	1974 11 26	0.71	79.18	ISC	012				
3433	1974 12 05	7.00	80.41	ISC	007				
3434	1974 12 05	7.69	74.45	GS	148	F	2		
3435	1974 12 05	11.78	75.71	GS	015				
3436	1974 12 06	7.84	74.82	GS	024				
3437	1974 12 07	8.03	76.21	ISC	007				
3438	1974 12 08	15.37	71.49	ISCR	004				
3439	1974 12 08	18.32	72.44	ISC	006				
3440	1974 12 08	17.11	73.16	GS	014				
3441	1974 12 09	6.80	74.60	ISC	007				
3442	1974 12 10	16.05	74.80	GS *	015				
3443	1974 12 13	3.84	79.67	GS	014				
3444	1974 12 13	18.98	69.51	GS	039				
3445	1974 12 17	14.05	75.75	GS	017				
3446	1974 12 18	4.53	77.66	ISCR	004				
3447	1974 12 22	18.99	69.83	GS	024	F	5		
3448	1974 12 23	3.04	75.39	GS	012				
3449	1974 12 24	12.86	77.96	GS *	013				
3450	1974 12 25	19.56	69.67	ISC	010				
3451	1974 12 25	19.67	69.75	GS *	009				
3452	1974 12 25	2.59	76.79	GS	009				
3453	1974 12 29	14.38	72.56	ISC	005				
3454	1974 12 31	14.73	73.07	GS *	006				
3455	1975 01 02	15.06	73.05	ISC	005				
3456	1975 01 10	19.48	69.46	GS *	012				
3457	1975 01 10	17.40	72.12	GS *	008	F	3		
3458	1975 01 12	18.30	69.84	ISC	011				
3459	1975 01 15	13.61	72.64	ISC	007				
3460	1975 01 17	17.28	70.28	ISC	010				
3461	1975 01 19	15.75	72.62	ISC	015				
3462	1975 01 21	9.89	79.10	GS	061	F	3		
3463	1975 01 22	10.19	79.56	ISC	006				
3464	1975 01 22	7.75	74.47	GS	020				
3465	1975 01 23	15.55	70.85	GS	008				
3466	1975 01 23	15.37	72.85	GS	069	F			
3467	1975 02 01	5.94	79.53	GS	022				
3468	1975 02 03	18.39	74.01	ISC	005				
3469	1975 02 10	15.18	75.87	GS	010				
3470	1975 02 11	15.27	76.20	GS *	008				
3471	1975 02 11	9.96	79.24	GS	018				

II-82

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3472	1975 02 12	15.74	76.21	ISC	006				
3473	1975 02 12	18.85	73.38	ISC	008				
3474	1975 02 13	15.55	72.70	GS *	006				
3475	1975 02 16	8.49	82.10	GS	053				
3476	1975 02 21	14.71	74.05	GS	032				
3477	1975 02 22	8.50	75.23	GS *	013				
3478	1975 02 26	19.80	69.27	GS	094	F	2		
3479	1975 03 01	8.45	81.97	GS	058				
3480	1975 03 01	10.51	73.40	ISC	005				
3481	1975 03 05	11.55	77.48	GS *	011				
3482	1975 03 12	15.39	75.22	ISC	007				
3483	1975 03 18	10.07	75.28	GS	082				
3484	1975 03 18	4.23	77.01	GS	185	F			
3485	1975 03 19	1.09	80.88	GS	010				
3486	1975 03 20	8.73	82.23	ISC	013				
3487	1975 03 22	10.61	72.59	ISC	005				
3488	1975 03 27	13.36	69.28	ISC	006				
3489	1975 03 31	9.66	79.76	GS *	039				
3490	1975 03 31	10.68	80.48	GS *	011				
3491	1975 04 01	7.88	74.51	ISC	005				
3492	1975 04 03	16.90	73.47	ISC	007				
3493	1975 04 07	1.96	80.30	GS	039	F			
3494	1975 04 07	12.23	75.49	ISC	005				
3495	1975 04 09	11.88	75.12	ISC	005				
3496	1975 04 10	14.62	70.61	GS *	007				
3497	1975 04 11	0.69	78.75	ISC	005				
3498	1975 04 12	14.77	72.71	GS	127				
3499	1975 04 14	16.78	71.84	ISCR	004	F			
3500	1975 04 18	12.49	77.98	GS	062				
3501	1975 04 19	14.80	72.80	GS	018				
3502	1975 04 20	12.75	68.59	ISC	005				
3503	1975 04 22	11.92	75.08	ISC	005				
3504	1975 04 23	19.02	69.61	ISCR	005				
3505	1975 04 25	5.87	81.15	GS	058				
3506	1975 04 27	9.53	79.34	GS *	014				
3507	1975 04 29	11.76	77.64	ISC	005				
3508	1975 04 30	10.43	75.61	ISC	006				
3509	1975 04 30	11.50	76.93	ISC	009				
3510	1975 05 06	5.36	81.14	GS *	008				
3511	1975 05 07	14.90	71.77	GS	013				
3512	1975 05 07	19.85	68.43	GS *	007				
3513	1975 05 09	15.60	73.07	ISC	005				
3514	1975 05 10	12.30	73.09	ISC	005				

## EARTHQUAKE CATALOG OF PERU

II-83

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3515	1975 05 18	9.29	78.94	GS *	053				
3516	1975 05 18	6.60	76.94	ISC	006				
3517	1975 05 22	2.52	80.37	ISC	008				
3518	1975 05 23	10.66	78.54	GS	017	F	3		
3519	1975 05 25	17.22	71.76	GS	010				
3520	1975 05 30	4.09	80.98	GS	016				
3521	1975 06 01	14.27	75.70	GS	012				
3522	1975 06 03	6.17	75.15	GS	053				
3523	1975 06 05	13.70	76.14	GS	090	F	4		
3524	1975 06 05	16.34	69.10	GS	139	F	3		
3525	1975 06 06	3.97	76.91	GS	064				
3526	1975 06 08	14.41	72.69	ISC	005				
3527	1975 06 09	17.00	72.16	ISC	007				
3528	1975 06 10	3.62	80.92	GS	040	F			
3529	1975 06 11	5.97	73.36	ISC	009				
3530	1975 06 12	17.97	70.70	ISC	009				
3531	1975 06 15	15.71	72.72	GS *	007				
3532	1975 06 15	8.43	74.19	GS	043				
3533	1975 06 20	19.23	69.72	ISCR	006				
3534	1975 06 21	17.86	70.58	GS *	007				
3535	1975 06 27	1.92	80.99	GS	020				
3536	1975 06 27	16.84	72.16	ISC	005				
3537	1975 06 29	6.94	77.42	ISCR	004				
3538	1975 06 29	9.23	80.63	ISC	014				
3539	1975 07 01	17.06	72.51	ISCR	004				
3540	1975 07 05	19.07	71.34	GS *	006				
3541	1975 07 08	9.38	79.09	GS	013				
3542	1975 07 12	17.17	69.35	GS	121	F	3		
3543	1975 07 17	3.79	76.64	GS	052				
3544	1975 07 23	15.55	75.28	ISC	013				
3545	1975 07 23	17.55	69.56	ISC	006				
3546	1975 07 29	1.44	77.87	GS	029				
3547	1975 07 31	5.22	78.83	ISC	006				
3548	1975 08 03	15.65	75.11	GS	095				
3549	1975 08 03	15.72	75.11	ISC	011				
3550	1975 08 03	17.14	76.56	ISC	005				
3551	1975 08 03	15.69	74.97	GS	013				
3552	1975 08 09	16.89	72.84	GS	026				
3553	1975 08 10	9.75	79.04	GS	008				
3554	1975 08 10	8.64	79.58	GS	011				
3555	1975 08 10	12.06	78.34	ISC	010				
3556	1975 08 10	0.73	78.86	ISC	011				
3557	1975 08 10	19.92	68.90	GS	033				

II-84

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3558	1975 08 11	11.73	77.75	GS	077				
3559	1975 08 16	5.38	76.08	GS	146				
3560	1975 08 22	18.56	69.77	ISC	007				
3561	1975 08 23	14.24	75.66	ISC	012				
3562	1975 08 24	5.49	77.22	GS	037				
3563	1975 08 25	19.24	69.16	GS	146				
3564	1975 08 26	18.08	69.37	ISC	007				
3565	1975 08 26	19.26	69.23	ISC	006				
3566	1975 08 28	19.70	68.75	ISC	012				
3567	1975 09 02	17.84	69.34	GS *	007				
3568	1975 09 02	19.43	69.05	ISC	016				
3569	1975 09 06	10.47	74.83	GS	016				
3570	1975 09 16	4.34	80.70	GS	029	F			
3571	1975 09 30	9.55	74.65	GS	110				
3572	1975 09 30	19.35	69.31	GS *	006				
3573	1975 09 30	18.80	69.09	ISC	008				
3574	1975 10 07	0.43	80.65	ISC	006				
3575	1975 10 08	17.68	69.43	ISC	011				
3576	1975 10 09	12.27	77.96	GS	040				
3577	1975 10 11	4.24	81.05	GS	023				
3578	1975 10 14	18.69	71.09	ISC	008				
3579	1975 10 17	0.31	80.63	GS *	012				
3580	1975 10 17	1.11	81.08	ISC	007				
3581	1975 10 18	9.77	79.86	GS	017				
3582	1975 10 20	12.42	76.88	ISC	005				
3583	1975 10 21	19.96	69.59	GS *	006				
3584	1975 10 23	15.97	71.00	GS *	007				
3585	1975 10 29	19.62	68.95	GS	008				
3586	1975 10 29	10.98	78.11	GS	090	F	3		
3587	1975 10 29	0.00	77.90	GS *	007	F			
3588	1975 10 30	6.68	81.61	GS *	007				
3589	1975 10 31	18.33	71.75	ISC	013				
3590	1975 11 06	0.34	80.74	GS	029				
3591	1975 11 06	0.41	80.66	GS	011				
3592	1975 11 07	3.92	76.99	GS	017				
3593	1975 11 08	3.39	79.01	ISC	008				
3594	1975 11 15	7.29	75.64	ISC	006				
3595	1975 11 20	11.85	73.20	ISC	012				
3596	1975 11 28	16.82	75.76	ISC	005				
3597	1975 11 28	15.27	70.64	GS	008				
3598	1975 11 29	5.12	77.57	GS	021				
3599	1975 12 06	15.48	75.48	ISC	005				
3600	1975 12 06	16.98	72.57	GS	018				

## EARTHQUAKE CATALOG OF PERU

II-85

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3601	1975 12 08	5.51	77.30	GS	032				
3602	1975 12 11	11.56	74.55	GS	118	F	2		
3603	1975 12 12	19.80	69.13	GS	013				
3604	1975 12 16	13.48	72.57	ISC	007				
3605	1975 12 19	17.58	70.72	GS	018	F	3		
3606	1975 12 21	3.78	77.37	GS	082				
3607	1975 12 27	14.86	76.96	ISC	005				
3608	1975 12 27	9.99	70.73	GS	034				
3609	1975 12 29	16.60	73.99	GS *	010				
3610	1976 01 05	13.29	74.90	GS	087	F			
3611	1976 01 06	16.29	69.52	ISC	008				
3612	1976 01 06	17.92	69.48	GS	080	D	5		
3613	1976 01 09	14.13	72.97	ISC	005				
3614	1976 01 12	9.60	75.10	GS	011				
3615	1976 01 18	12.00	77.53	GS *	010				
3616	1976 01 20	15.80	72.75	ISC	007				
3617	1976 01 20	15.65	70.90	ISC	012				
3618	1976 01 24	4.07	81.92	GS	024				
3619	1976 01 24	2.95	77.92	ISC	010				
3620	1976 01 29	19.10	69.07	GS *	013				
3621	1976 02 01	19.31	70.49	ISC	005				
3622	1976 02 01	7.38	80.44	GS	030				
3623	1976 02 09	14.90	73.71	GS *	010				
3624	1976 02 11	19.99	69.66	GS *	006				
3625	1976 02 19	1.45	77.73	GS *	019				
3626	1976 02 27	19.48	69.07	GS	139	F	5		
3627	1976 02 29	8.54	79.43	GS	035				
3628	1976 02 29	9.10	71.33	GS	033				
3629	1976 02 29	13.34	74.93	GS	063				
3630	1976 03 08	15.53	74.40	GS	049				
3631	1976 03 08	8.71	80.48	GS	008				
3632	1976 03 10	10.53	74.83	ISC	005				
3633	1976 03 14	17.06	70.44	GS *	009				
3634	1976 03 15	1.85	78.39	ISC	010				
3635	1976 03 19	1.29	77.75	GS	017				
3636	1976 03 21	8.60	80.38	GS *	006				
3637	1976 03 22	17.74	72.82	ISC	005				
3638	1976 03 23	14.11	75.42	GS *	020				
3639	1976 03 24	13.78	68.41	ISC	005				
3640	1976 03 25	9.53	78.67	GS *	028				
3641	1976 03 31	10.47	75.42	ISC	005				
3642	1976 04 01	16.31	73.21	GS	017				
3643	1976 04 02	10.39	73.03	ISC	006				



II-86

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3644	1976 04 06	15.72	75.05	ISC	005				
3645	1976 04 06	12.23	76.52	ISC	005				
3646	1976 04 15	14.76	76.03	GS *	011				
3647	1976 04 18	8.39	75.01	GS *	020				
3648	1976 04 25	15.78	73.46	ISC	005				
3649	1976 04 28	9.24	80.39	ISC	012				
3650	1976 04 29	9.20	79.27	GS	023				
3651	1976 05 05	2.85	80.47	ISC	006				
3652	1976 05 06	14.58	72.11	GS	016				
3653	1976 05 07	8.62	74.72	GS	093				
3654	1976 05 10	14.77	70.83	GS *	012				
3655	1976 05 10	17.89	69.76	ISC	008				
3656	1976 05 13	3.77	81.13	GS *	007				
3657	1976 05 15	11.64	74.48	GS	162	C			
3658	1976 05 15	11.55	74.38	GS	077	F			
3659	1976 05 16	3.86	76.55	ISC	009				
3660	1976 05 16	11.55	74.35	GS *	018				
3661	1976 05 18	16.83	72.70	GS	073	F	4		
3662	1976 05 18	16.30	72.38	GS *	021	F	4		
3663	1976 05 19	11.54	74.40	GS *	015				
3664	1976 05 20	16.46	74.56	ISC	006				
3665	1976 05 22	18.69	70.93	ISC	010				
3666	1976 05 23	10.49	78.32	GS	191	F	4		
3667	1976 05 23	6.96	74.07	GS *	008				
3668	1976 05 25	15.60	70.29	ISC	009				
3669	1976 05 25	17.79	68.82	ISC	017				
3670	1976 05 26	17.71	69.69	GS *	009				
3671	1976 05 27	8.43	80.22	ISC	008				
3672	1976 05 28	15.19	72.15	GS	023				
3673	1976 06 01	19.66	70.00	ISC	007				
3674	1976 06 02	16.04	69.51	ISC	010				
3675	1976 06 03	17.42	69.85	ISC	008				
3676	1976 06 05	17.99	70.07	ISCR	004				
3677	1976 06 07	16.72	74.25	ISC	006				
3678	1976 06 11	20.00	71.11	GS	018				
3679	1976 06 13	15.31	75.42	GS	121	F	4		
3680	1976 06 14	15.99	76.45	ISC	006				
3681	1976 06 15	15.89	76.17	ISC	006				
3682	1976 06 18	15.30	75.50	GS	136				
3683	1976 06 18	15.20	75.44	GS	128				

## EARTHQUAKE CATALOG OF PERU

II-87

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3684	1976 06 18	15.43	75.69	ISC	011				
3685	1976 06 20	19.82	69.43	GS *	005				
3686	1976 06 21	18.19	69.58	ISC	007				
3687	1976 06 22	17.16	69.52	ISC	005				
3688	1976 06 22	15.93	76.14	ISC	006				
3689	1976 06 26	17.64	72.53	GS *	006				
3690	1976 06 26	16.84	69.73	ISC	016				
3691	1976 07 02	10.32	78.57	GS	021				
3692	1976 07 08	4.75	79.72	GS	026				
3693	1976 07 09	10.05	75.95	GS *	006	F			
3694	1976 07 10	15.67	75.70	ISC	005				
3695	1976 07 13	7.44	73.93	ISC	013				
3696	1976 07 15	1.35	77.78	GS	028				
3697	1976 07 18	10.19	70.99	ISC	010				
3698	1976 07 23	16.55	72.21	ISC	025				
3699	1976 07 24	11.92	77.60	GS *	022				
3700	1976 07 29	15.45	75.23	GS	022				
3701	1976 07 30	15.37	72.40	ISC	007				
3702	1976 08 05	15.99	73.35	ISC	019				
3703	1976 08 06	10.29	78.67	GS	019				
3704	1976 08 15	16.23	73.55	GS	020				
3705	1976 08 16	4.46	80.47	ISC	020				
3706	1976 08 17	15.98	72.91	GS	028	F	4		
3707	1976 08 17	19.07	69.33	ISC	006				
3708	1976 08 18	15.52	74.99	GS *	008				
3709	1976 08 21	19.62	69.28	ISC	016				
3710	1976 08 22	19.56	70.54	ISC	005				
3711	1976 08 24	8.30	74.38	GS *	009				
3712	1976 08 24	17.67	72.54	ISC	008				
3713	1976 08 26	12.57	76.77	ISC	006	F			
3714	1976 08 28	10.67	78.19	GS	024				
3715	1976 08 31	19.87	71.07	GS	008				
3716	1976 09 01	2.63	80.18	ISC	008				
3717	1976 09 02	4.24	79.70	ISC	008				
3718	1976 09 03	15.50	73.68	GS *	005				
3719	1976 09 12	16.58	73.44	ISC	006				
3720	1976 09 14	5.37	77.21	GS *	010				
3721	1976 09 14	15.37	74.45	GS *	007				
3722	1976 09 18	17.52	69.58	GS	014				
3723	1976 09 25	17.66	69.69	GS *	016				
3724	1976 09 28	17.29	69.20	GS	034				
3725	1976 09 28	14.68	69.85	ISC	010				
3726	1976 09 29	6.92	75.84	ISC	005				

II-88

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3727	1976 10 02	0.37	77.66	ISC	017				
3728	1976 10 04	0.75	78.60	GS	039	F	4		
3729	1976 10 05	0.63	78.74	GS	023	F			
3730	1976 10 06	0.75	78.78	GS	101	C			
3731	1976 10 06	0.84	79.06	ISC	010				
3732	1976 10 06	0.98	78.78	ISC	018				
3733	1976 10 07	0.30	80.40	GS	027				
3734	1976 10 09	15.62	71.80	ISCR	009				
3735	1976 10 09	10.68	79.49	GS	015				
3736	1976 10 10	0.79	78.61	GS	029				
3737	1976 10 15	19.87	70.47	ISC	012				
3738	1976 10 15	18.42	69.67	GS	011	F	3		
3739	1976 10 16	15.72	70.24	GS	021				
3740	1976 10 17	9.94	77.49	ISC	012				
3741	1976 10 18	9.24	79.02	GS	052				
3742	1976 10 19	18.75	69.39	ISC	005				
3743	1976 10 23	15.76	71.82	ISC	022				
3744	1976 10 25	17.83	71.17	GS *	059	F	3		
3745	1976 10 27	1.26	77.95	ISC	096				
3746	1976 10 28	15.02	73.73	ISC	019	F	2		
3747	1976 11 01	12.49	77.82	GS	021				
3748	1976 11 03	16.63	71.58	GS	009	D			
3749	1976 11 08	19.51	69.12	ISC	007				
3750	1976 11 09	15.43	76.49	ISC	005				
3751	1976 11 15	19.81	71.38	ISC	009				
3752	1976 11 16	15.52	72.37	ISC	005				
3753	1976 11 17	19.67	69.15	GS	052	F	3		
3754	1976 11 20	17.72	69.50	ISC	007				
3755	1976 11 20	6.53	80.84	GS *	008				
3756	1976 11 26	1.42	77.67	GS	039				
3757	1976 11 28	17.43	69.50	GS	008				
3758	1976 11 28	19.12	70.15	ISC	006				
3759	1976 11 29	18.32	69.58	ISC	005				
3760	1976 11 30	19.95	69.21	GS *	015				
3761	1976 12 02	13.52	68.14	ISC	005				
3762	1976 12 06	11.59	74.06	GS	031				
3763	1976 12 15	15.00	73.71	GS	029				
3764	1976 12 20	6.85	77.18	ISC	010				
3765	1976 12 22	15.32	70.30	GS	046				
3766	1976 12 26	0.81	77.63	GS *	017				
3767	1976 12 26	16.47	73.51	ISC	021				
3768	1976 12 27	3.76	80.72	GS *	015				
3769	1976 12 31	11.89	74.29	ISC	006				

## EARTHQUAKE CATALOG OF PERU

II-89

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
3770	1977 01 13	1.54	77.67	GS	017				
3771	1977 01 16	16.02	75.39	ISC	018				
3772	1977 01 16	15.61	75.09	GS	022				
3773	1977 01 19	15.76	72.81	ISC	006				
3774	1977 01 19	14.17	72.87	GS *	006				
3775	1977 01 19	18.48	72.11	GS *	005				
3776	1977 01 20	17.01	72.08	ISC	012	F			
3777	1977 01 22	16.96	71.62	ISC	012	F			
3778	1977 01 23	11.65	74.19	GS	039				
3779	1977 01 26	12.15	78.01	GS	038	F			
3780	1977 02 01	8.88	74.54	GS	039				
3781	1977 02 07	19.71	68.88	ISC	017				
3782	1977 02 07	16.51	73.41	GS	029				
3783	1977 02 08	16.93	73.68	ISC	011				
3784	1977 02 08	17.45	71.13	ISC	009				
3785	1977 02 12	9.23	79.76	GS	010				
3786	1977 02 13	12.20	73.92	GS	012				
3787	1977 02 15	19.20	69.95	GS *	014				
3788	1977 02 19	18.02	70.43	GS *	005	F	3		
3789	1977 02 24	8.55	74.52	GS	049				
3790	1977 03 01	8.75	74.57	GS	020				
3791	1977 03 04	12.29	74.10	GS	040				
3792	1977 03 08	11.96	74.20	GS	101	F			
3793	1977 03 08	12.33	74.00	GS	019				
3794	1977 03 08	12.06	74.03	GS	094	F			
3795	1977 03 09	12.23	74.18	GS *	006				
3796	1977 03 09	12.35	74.18	ISC	024				
3797	1977 03 09	12.47	74.04	ISC	010				
3798	1977 03 09	14.47	76.38	ISC	006				
3799	1977 03 10	12.38	74.07	ISC	008				
3800	1977 03 11	12.01	73.79	ISC	005				
3801	1977 03 12	16.41	74.19	ISC	005				
3802	1977 03 13	16.96	69.80	GS	046				
3803	1977 03 13	9.75	79.89	GS *	005				
3804	1977 03 13	8.04	74.41	GS	097				
3805	1977 03 15	12.53	74.15	GS	021				
3806	1977 03 17	0.65	78.77	GS *	007				
3807	1977 03 19	1.55	77.65	GS *	021				
3808	1977 03 22	16.34	70.39	ISC	005				
3809	1977 03 23	15.95	76.29	ISC	007				
3810	1977 03 24	13.17	75.38	ISC	006				
3811	1977 03 24	12.37	74.06	ISC	007				
3812	1977 03 24	17.00	69.56	ISC	015				

II-90

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3813	1977 03 27	16.67	75.35	ISC	005				
3814	1977 03 30	5.24	78.52	GS *	021				
3815	1977 04 02	13.53	74.87	ISC	006				
3816	1977 04 05	16.54	71.02	GS	050				
3817	1977 04 06	16.13	72.93	ISC	013				
3818	1977 04 07	15.45	76.32	GS	052				
3819	1977 04 09	10.02	71.18	GS	115				
3820	1977 04 14	12.61	71.67	ISC	005				
3821	1977 04 23	12.48	74.21	ISC	011				
3822	1977 04 23	12.26	74.10	ISC	008				
3823	1977 04 26	19.00	69.64	ISC	005				
3824	1977 04 30	14.98	75.61	GS	076				
3825	1977 05 01	6.11	77.13	GS	095				
3826	1977 05 02	15.22	71.78	GS	030				
3827	1977 05 03	5.93	75.59	GS	007				
3828	1977 05 04	16.47	72.31	ISC	005				
3829	1977 05 05	13.66	76.37	ISC	007				
3830	1977 05 05	10.59	74.05	GS	024				
3831	1977 05 06	15.88	75.03	GS	034				
3832	1977 05 07	17.41	69.47	GS *	006				
3833	1977 05 08	1.25	81.07	GS	067				
3834	1977 05 08	1.23	81.10	GS	051				
3835	1977 05 08	1.48	81.18	ISC	010				
3836	1977 05 09	10.92	74.32	ISC	021				
3837	1977 05 09	1.25	80.92	GS	020				
3838	1977 05 09	8.38	77.43	GS	029				
3839	1977 05 10	9.82	77.10	GS	011				
3840	1977 05 10	10.60	75.38	GS	017				
3841	1977 05 10	1.32	81.09	ISC	021				
3842	1977 05 12	16.12	74.31	ISC	027				
3843	1977 05 13	16.58	69.46	GS *	007				
3844	1977 05 13	5.75	77.09	GS	049				
3845	1977 05 14	1.11	80.89	ISC	022				
3846	1977 05 14	16.36	72.27	ISC	007				
3847	1977 05 14	12.84	74.36	ISC	008				
3848	1977 05 14	12.70	73.53	GS *	008				
3849	1977 05 17	17.22	71.66	ISC	010				
3850	1977 05 18	1.08	81.48	ISC	008				
3851	1977 05 21	1.50	80.90	GS *	035				
3852	1977 05 21	1.59	80.91	GS *	049				
3853	1977 05 21	3.77	77.85	ISC	010				
3854	1977 05 21	1.59	80.97	GS *	005				
3855	1977 05 22	1.75	81.19	ISC	008				

## EARTHQUAKE CATALOG OF PERU

II-91

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3856	1977 05 22	1.49	80.83	GS *	006				
3857	1977 05 26	1.85	81.20	GS	046				
3858	1977 05 26	19.64	69.32	ISC	009				
3859	1977 05 26	2.27	79.63	ISC	010				
3860	1977 05 27	14.94	73.09	ISC	005				
3861	1977 05 28	2.39	80.13	GS *	014				
3862	1977 05 28	13.22	74.95	ISC	006				
3863	1977 05 29	14.69	73.81	ISC	006				
3864	1977 05 30	14.05	75.88	ISC	006				
3865	1977 05 31	19.43	69.29	ISC	007				
3866	1977 06 05	17.71	69.75	ISC	008				
3867	1977 06 06	18.87	69.80	GS	023				
3868	1977 06 08	9.15	79.34	GS	018				
3869	1977 06 09	4.14	82.55	ISC	013				
3870	1977 06 10	15.14	76.78	ISC	006				
3871	1977 06 12	16.63	72.14	ISC	005				
3872	1977 06 13	5.62	77.41	GS *	011				
3873	1977 06 21	15.87	75.50	ISC	018				
3874	1977 06 21	19.31	69.47	ISC	007				
3875	1977 06 24	16.17	75.05	ISC	006				
3876	1977 06 25	15.51	71.78	ISC	007				
3877	1977 06 25	19.89	68.46	ISC	005				
3878	1977 06 27	19.04	69.55	ISCR	005				
3879	1977 06 27	1.78	77.13	GS	055				
3880	1977 06 30	19.40	69.53	GS	093	F	5		
3881	1977 07 10	9.23	75.76	GS *	011				
3882	1977 07 16	2.06	78.84	ISC	013				
3883	1977 07 19	8.91	76.93	GS *	015				
3884	1977 07 20	7.36	74.00	ISC	014				
3885	1977 07 22	15.56	69.93	GS	061				
3886	1977 07 24	5.58	77.39	GS *	015				
3887	1977 07 25	11.67	74.16	GS	017				
3888	1977 07 26	16.53	73.51	ISC	005				
3889	1977 07 29	3.34	76.10	ISC	008				
3890	1977 07 30	5.48	77.21	GS	051				
3891	1977 08 01	17.74	71.84	ISC	017	F	2		
3892	1977 08 01	16.90	71.59	ISC	005				
3893	1977 08 05	4.73	77.49	ISC	005				
3894	1977 08 06	16.47	73.75	ISC	011				
3895	1977 08 07	18.58	71.51	ISC	006				
3896	1977 08 07	18.15	71.56	ISC	020				
3897	1977 08 13	15.25	72.49	GS *	008				
3898	1977 08 14	19.39	71.78	GS	043				

## II-92

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3899	1977 08 14	8.28	80.06	ISC	024				
3900	1977 08 15	4.32	80.88	GS	014				
3901	1977 08 19	17.38	70.93	GS *	012	F	3		
3902	1977 08 20	8.62	74.39	GS	071				
3903	1977 08 26	7.98	74.48	GS	016				
3904	1977 08 31	19.00	69.18	ISC	007				
3905	1977 09 08	16.93	70.75	ISC	027				
3906	1977 09 10	14.23	75.99	GS	043	F	3		
3907	1977 09 10	16.86	72.81	ISC	007				
3908	1977 09 12	16.31	75.28	GS *	011				
3909	1977 09 13	17.37	72.17	ISC	007				
3910	1977 09 16	15.95	74.82	GS *	006				
3911	1977 09 18	16.40	73.70	ISC	005				
3912	1977 09 19	16.93	69.77	GS *	007				
3913	1977 09 20	4.05	79.88	ISC	010				
3914	1977 09 24	18.45	71.25	GS	033				
3915	1977 09 24	16.79	72.28	ISC	011				
3916	1977 09 26	18.81	69.58	GS	011	F	2		
3917	1977 09 28	5.71	77.04	GS *	017				
3918	1977 09 28	10.86	75.61	ISC	019				
3919	1977 09 29	12.75	76.09	ISC	007				
3920	1977 10 01	13.11	76.49	ISC	006				
3921	1977 10 02	8.98	79.18	GS	091	F	4		
3922	1977 10 08	9.52	74.66	GS	155				
3923	1977 10 10	16.58	72.92	ISC	008				
3924	1977 10 13	12.25	77.96	GS *	059				
3925	1977 10 16	18.30	72.38	GS *	005				
3926	1977 10 19	16.68	74.22	ISC	006				
3927	1977 10 20	8.25	80.14	GS *	018				
3928	1977 10 21	19.46	69.41	GS *	010	F	2		
3929	1977 10 24	2.70	76.72	ISC	012				
3930	1977 10 26	16.82	72.60	GS	065	F	4		
3931	1977 11 02	5.73	75.33	ISC	009				
3932	1977 11 02	10.08	74.76	GS	060				
3933	1977 11 03	1.82	77.76	GS	052				
3934	1977 11 08	16.30	74.42	ISC	005				
3935	1977 11 08	15.88	69.61	GS	011				
3936	1977 11 09	17.01	71.54	ISC	005				
3937	1977 11 12	19.99	68.94	GS *	010				
3938	1977 11 12	1.75	77.74	ISC	018				
3939	1977 11 13	9.36	75.72	GS	104				
3940	1977 11 14	13.71	76.37	GS *	005				
3941	1977 11 20	16.02	76.01	GS *	005				

## EARTHQUAKE CATALOG OF PERU

II-93

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3942	1977 11 21	14.88	76.77	ISC	009				
3943	1977 11 23	17.67	69.39	GS *	006				
3944	1977 11 24	15.30	71.17	ISC	018				
3945	1977 11 27	18.14	69.54	ISC	019	F	2		
3946	1977 12 01	14.09	76.98	ISC	016				
3947	1977 12 01	18.50	69.11	GS *	008				
3948	1977 12 05	11.63	74.23	GS *	011				
3949	1977 12 19	17.79	72.30	GS *	005				
3950	1977 12 19	15.49	76.06	ISC	006				
3951	1977 12 22	14.45	73.86	ISC	005				
3952	1977 12 26	8.44	75.94	ISC	015				
3953	1977 12 31	15.30	71.68	GS	198	F	4		
3954	1978 01 01	17.19	73.75	ISC	005				
3955	1978 01 03	17.09	71.82	GS	029	F	4		
3956	1978 01 03	13.90	76.91	ISC	006				
3957	1978 01 07	10.80	74.08	ISC	005				
3958	1978 01 11	14.08	77.28	ISC	006				
3959	1978 01 16	18.27	69.87	ISC	006				
3960	1978 01 18	8.70	74.31	GS	106				
3961	1978 01 21	13.02	71.54	GS *	021				
3962	1978 01 22	11.69	77.67	ISC	026				
3963	1978 01 22	16.13	73.66	GS	106	F	3		
3964	1978 01 24	1.83	78.04	ISC	010				
3965	1978 01 26	10.86	74.23	GS	012				
3966	1978 01 30	10.65	79.99	ISC	023				
3967	1978 02 02	8.88	75.68	GS	010				
3968	1978 02 05	17.72	69.49	GS	080				
3969	1978 02 11	9.84	75.07	ISC	021				
3970	1978 02 12	15.71	72.63	GS *	005				
3971	1978 02 15	9.64	78.05	ISC	015				
3972	1978 02 22	18.88	70.62	ISC	009				
3973	1978 02 28	17.03	70.30	GS	030				
3974	1978 03 06	10.27	75.54	GS *	015				
3975	1978 03 10	13.26	76.41	GS	044				
3976	1978 03 14	4.67	77.76	GS *	018				
3977	1978 03 17	10.67	73.86	GS	013				
3978	1978 03 20	19.57	69.70	GS *	006	F			
3979	1978 03 21	15.36	74.80	GS *	008				
3980	1978 03 24	5.22	75.59	GS	012				
3981	1978 03 26	16.55	70.94	GS *	010				
3982	1978 03 29	8.97	79.81	GS *	007				
3983	1978 04 02	19.07	69.28	GS	118	F	4		
3984	1978 04 03	3.58	77.11	GS	033				



II-94

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
3985	1978 04 03	18.33	69.15	GS	035				
3986	1978 04 07	1.71	78.29	GS *	006				
3987	1978 04 10	5.61	81.22	GS	042				
3988	1978 04 11	5.73	75.01	ISC	013				
3989	1978 04 14	15.63	71.91	GS *	012				
3990	1978 04 15	16.47	73.51	GS	112	F	3		
3991	1978 04 16	3.99	83.01	ISC	009				
3992	1978 04 17	10.33	73.92	GS	017				
3993	1978 04 20	12.97	75.26	ISC	010				
3994	1978 04 22	11.38	78.32	GS *	006				
3995	1978 04 22	14.13	76.73	GS *	005				
3996	1978 04 22	15.94	73.10	GS *	005				
3997	1978 04 23	2.09	81.10	GS	050				
3998	1978 04 24	14.56	76.01	GS	037				
3999	1978 04 27	12.70	76.78	GS	026	F	3		
4000	1978 04 28	16.54	73.39	GS *	013				
4001	1978 04 29	11.47	77.44	GS *	005	F	2		
4002	1978 05 04	18.97	69.71	GS	010				
4003	1978 05 04	8.07	76.00	GS	093				
4004	1978 05 05	10.24	70.97	GS	022				
4005	1978 05 08	3.30	77.25	GS	064				
4006	1978 05 15	10.27	75.47	GS *	017				
4007	1978 05 16	16.72	69.56	GS	025				
4008	1978 05 16	18.65	70.14	GS	045				
4009	1978 05 20	17.38	71.91	GS	020	F			
4010	1978 05 20	10.23	78.52	GS	209	F	2		
4011	1978 05 20	5.41	81.15	GS	045				
4012	1978 05 22	12.31	78.04	GS *	014				
4013	1978 05 23	15.85	74.59	GS *	007				
4014	1978 05 24	10.42	78.71	GS *	007				
4015	1978 05 25	10.72	78.89	GS *	007				
4016	1978 05 25	15.38	75.33	GS *	010				
4017	1978 05 28	6.71	74.57	GS *	006				
4018	1978 06 07	0.67	78.35	GS	062	F			
4019	1978 06 09	7.81	73.72	GS *	009				
4020	1978 06 09	7.77	74.54	GS	089				
4021	1978 06 09	4.91	80.87	GS *	012				
4022	1978 06 18	11.01	73.91	GS *	047				
4023	1978 06 18	3.15	81.50	GS *	008				
4024	1978 06 24	14.90	70.67	GS	061				
4025	1978 06 28	5.37	79.56	GS *	006				
4026	1978 06 29	8.48	80.37	GS *	009				
4027	1978 06 30	15.24	72.53	ISC	006				

## EARTHQUAKE CATALOG OF PERU

II-95

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4028	1978 07 03	6.07	81.23	ISC	012				
4029	1978 07 03	11.13	76.09	GS	012	F	2		
4030	1978 07 11	7.89	71.42	GS	292				
4031	1978 07 13	2.37	77.57	GS *	006				
4032	1978 07 22	1.28	77.71	GS *	032				
4033	1978 07 23	18.18	69.04	ISC	009				
4034	1978 07 25	14.97	75.76	ISC	005				
4035	1978 07 28	3.72	80.41	ISC	009				
4036	1978 07 28	10.19	71.04	GS	150				
4037	1978 07 29	14.82	71.85	GS *	029				
4038	1978 07 29	11.60	76.49	GS	048	F	4		
4039	1978 07 30	19.70	70.00	ISC	008				
4040	1978 08 02	17.27	69.50	GS	020				
4041	1978 08 04	16.95	71.33	GS	053	F	6		
4042	1978 08 06	15.75	74.02	ISC	005	F			
4043	1978 08 08	17.62	70.01	GS	055	F	3		
4044	1978 08 10	2.10	78.66	GS	035				
4045	1978 08 13	18.28	69.86	GS	009				
4046	1978 08 20	0.20	80.54	GS *	007				
4047	1978 08 30	5.30	78.41	GS	032				
4048	1978 09 01	11.15	75.47	GS	020				
4049	1978 09 01	16.45	73.78	GS	059				
4050	1978 09 08	14.28	73.55	ISC	006				
4051	1978 09 10	2.67	79.50	ISC	008				
4052	1978 09 10	8.43	74.43	GS	017				
4053	1978 09 11	2.01	78.11	GS *	006				
4054	1978 09 20	1.66	77.92	ISC	014				
4055	1978 09 25	19.54	68.48	GS	064				
4056	1978 09 26	1.55	80.87	GS *	010				
4057	1978 10 02	13.50	70.64	GS *	014				
4058	1978 10 05	16.73	73.61	ISC	013				
4059	1978 10 11	16.17	71.49	GS *	011				
4060	1978 10 13	16.56	73.08	ISC	014				
4061	1978 10 13	17.40	70.58	ISC	005				
4062	1978 10 21	16.31	74.81	ISC	006				
4063	1978 10 24	8.25	74.40	GS *	010				
4064	1978 11 04	5.80	81.06	GS	020				
4065	1978 11 04	8.37	76.03	GS	065				
4066	1978 11 04	1.74	76.35	GS *	007				
4067	1978 11 09	1.42	77.89	GS	108				
4068	1978 11 10	10.78	79.18	GS *	006				
4069	1978 11 10	17.86	69.24	GS	119				
4070	1978 11 10	14.33	73.49	GS *	014				

II-96

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
4071	1978 11 11	1.93	78.08	GS *	007				
4072	1978 11 14	11.06	78.66	GS *	012				
4073	1978 11 14	12.51	75.06	GS *	009				
4074	1978 11 18	17.10	71.38	ISC	008	F			
4075	1978 11 21	4.33	81.11	GS *	042	F	4		
4076	1978 11 22	7.34	75.90	GS *	025				
4077	1978 11 24	4.82	80.96	GS *	031				
4078	1978 12 15	16.14	71.69	GS *	009				
4079	1978 12 17	14.96	71.33	ISC	008				
4080	1978 12 18	1.42	77.63	GS *	012				
4081	1978 12 19	10.26	75.14	GS *	025				
4082	1978 12 20	19.74	69.99	GS *	005				
4083	1978 12 22	8.39	74.09	GS *	014				
4084	1978 12 23	14.76	71.45	GS	092				
4085	1978 12 24	2.73	79.95	GS *	007				
4086	1978 12 26	11.96	77.77	GS *	015	F	3		
4087	1978 12 26	14.47	73.92	GS	016				
4088	1978 12 27	17.39	72.16	GS	013				
4089	1978 12 27	1.86	76.28	GS *	008				
4090	1978 12 28	8.15	74.65	ISC	007				
4091	1979 01 05	15.93	74.93	GS	036				
4092	1979 01 06	16.01	75.11	ISC	013				
4093	1979 01 06	8.88	75.73	GS	169				
4094	1979 01 06	14.44	75.68	GS	033				
4095	1979 01 08	14.85	71.63	GS *	005				
4096	1979 01 15	9.39	78.46	GS *	007				
4097	1979 01 17	1.24	77.78	GS	036				
4098	1979 01 19	13.57	74.85	GS *	022				
4099	1979 01 19	8.76	73.78	GS *	006				
4100	1979 01 21	8.65	74.88	GS	094				
4101	1979 01 22	17.74	69.50	GS *	007				
4102	1979 01 24	10.48	79.17	GS *	008				
4103	1979 01 26	17.90	72.68	ISC	007				
4104	1979 01 27	5.29	76.65	ISC	011				
4105	1979 02 06	14.71	76.16	ISC	005				
4106	1979 02 12	15.22	75.82	GS *	015				
4107	1979 02 15	16.39	69.76	GS	025				
4108	1979 02 16	16.39	72.66	GS	328	C			
4109	1979 02 16	17.08	72.85	GS *	009				
4110	1979 02 16	16.50	72.66	GS	171	F	4		
4111	1979 02 17	17.22	72.94	ISC	005				

## EARTHQUAKE CATALOG OF PERU

II-97

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4112	1979 02 17	16.87	72.79	GS *	008				
4113	1979 02 17	17.56	72.75	GS *	006				
4114	1979 02 17	16.63	72.66	GS	068				
4115	1979 02 18	16.96	72.71	GS *	009				
4116	1979 02 19	17.42	72.73	ISC	006				
4117	1979 02 20	16.70	72.74	GS	061	F	3		
4118	1979 02 22	17.11	72.73	ISC	010				
4119	1979 02 24	16.63	72.81	GS *	025				
4120	1979 02 26	8.29	75.11	GS	019				
4121	1979 02 26	16.13	75.15	ISC	013				
4122	1979 02 27	15.66	70.60	ISC	010				
4123	1979 03 01	6.52	81.06	GS	032				
4124	1979 03 02	9.82	78.97	GS	012				
4125	1979 03 05	19.73	70.86	ISC	006				
4126	1979 03 07	16.13	72.04	GS	040	F	2		
4127	1979 03 07	8.54	80.17	GS *	017				
4128	1979 03 10	15.40	71.38	ISC	005				
4129	1979 03 10	15.23	71.28	GS *	008				
4130	1979 03 11	16.78	72.81	GS *	011				
4131	1979 03 16	4.02	76.64	GS *	006				
4132	1979 03 17	8.77	79.54	GS	030				
4133	1979 03 19	15.88	69.33	GS	028				
4134	1979 03 21	16.80	72.54	GS	093	F	4		
4135	1979 03 26	1.45	77.43	GS *	008				
4136	1979 03 29	9.38	78.85	GS	039				
4137	1979 04 06	1.68	77.69	GS	021				
4138	1979 04 10	16.78	73.86	ISC	006				
4139	1979 04 13	12.84	77.09	ISC	010				
4140	1979 04 18	7.71	74.52	GS	060				
4141	1979 04 21	5.88	81.32	GS *	007				
4142	1979 04 22	2.17	80.63	ISC	007				
4143	1979 04 25	16.06	73.42	GS *	011	F	3		
4144	1979 04 25	15.19	72.37	GS *	022				
4145	1979 04 30	1.42	77.64	GS *	018				
4146	1979 05 01	19.42	69.13	GS	058				
4147	1979 05 02	16.64	72.69	GS	010	F	2		
4148	1979 05 03	19.81	70.40	GS	030				
4149	1979 05 05	19.34	68.70	GS	011				
4150	1979 05 07	19.45	69.25	ISC	010				
4151	1979 05 11	19.32	69.32	ISC	008				
4152	1979 05 13	3.80	79.39	GS	045				
4153	1979 05 15	8.62	75.97	GS *	018				
4154	1979 05 20	6.32	77.39	ISC	013				

II-98

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4155	1979 05 21	15.25	70.09	GS	320	F	4		
4156	1979 05 22	15.72	70.22	GS *	006				
4157	1979 05 26	14.93	75.05	GS *	006				
4158	1979 05 27	19.40	70.68	ISC	005				
4159	1979 05 27	16.96	72.71	GS *	024	F	2		
4160	1979 05 27	16.93	69.54	GS	007				
4161	1979 05 30	2.52	77.01	GS *	010				
4162	1979 05 31	15.74	72.52	ISC	005				
4163	1979 05 31	10.54	78.58	GS *	008				
4164	1979 05 31	9.96	74.82	GS	033				
4165	1979 06 01	7.49	75.16	GS	009				
4166	1979 06 01	16.70	72.29	GS *	007				
4167	1979 06 02	1.70	77.94	GS	060				
4168	1979 06 04	9.73	79.77	GS	027				
4169	1979 06 06	15.96	75.11	ISC	005				
4170	1979 06 07	9.96	75.33	GS *	021				
4171	1979 06 08	17.95	73.15	ISC	007				
4172	1979 06 09	15.55	75.21	ISC	005				
4173	1979 06 09	15.02	70.34	ISC	005				
4174	1979 06 09	18.25	69.36	ISC	006				
4175	1979 06 09	8.70	75.87	ISC	006				
4176	1979 06 12	18.11	71.08	ISC	006				
4177	1979 06 12	3.77	80.79	GS *	026				
4178	1979 06 13	11.78	72.94	ISC	013				
4179	1979 06 13	7.76	80.64	GS *	013				
4180	1979 06 15	9.08	79.34	GS *	009	F			
4181	1979 06 15	12.17	76.65	GS	071	F	4		
4182	1979 06 16	15.61	73.96	GS	011				
4183	1979 06 16	2.54	76.85	GS	018				
4184	1979 06 17	16.88	72.80	ISC	005				
4185	1979 06 17	19.20	68.89	GS	188				
4186	1979 06 21	15.67	75.94	GS	080				
4187	1979 06 23	16.42	74.38	ISC	006				
4188	1979 06 25	17.94	71.36	GS	062	F	3		
4189	1979 07 03	19.18	69.08	GS	020				
4190	1979 07 03	16.66	73.11	GS	076	F	3		
4191	1979 07 03	12.80	77.63	ISC	024				
4192	1979 07 06	15.07	70.50	GS	032				
4193	1979 07 15	12.37	77.01	GS	068	F	4		
4194	1979 07 23	17.93	73.59	ISC	005				
4195	1979 07 27	2.45	80.88	GS *	005				
4196	1979 07 27	15.72	71.43	ISC	006				
4197	1979 07 30	7.06	78.08	GS *	008				

## EARTHQUAKE CATALOG OF PERU

II-99

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4198	1979 07 31	19.80	69.25	ISC	006				
4199	1979 08 01	11.09	77.96	GS	050				
4200	1979 08 07	13.46	72.26	ISC	005				
4201	1979 08 07	15.95	72.18	ISC	005				
4202	1979 08 08	15.71	69.46	GS *	013				
4203	1979 08 10	11.53	74.53	GS	027				
4204	1979 08 12	15.20	76.32	ISC	005				
4205	1979 08 13	9.48	75.55	ISC	006				
4206	1979 08 17	14.82	76.29	ISC	008				
4207	1979 08 21	19.50	69.93	ISC	007				
4208	1979 08 21	15.82	74.36	GS	020				
4209	1979 08 21	17.80	69.21	ISC	014				
4210	1979 08 24	14.52	75.85	GS *	010				
4211	1979 08 24	9.37	79.81	GS *	006				
4212	1979 08 26	6.97	80.60	GS *	016				
4213	1979 08 29	18.90	70.78	ISC	007				
4214	1979 09 05	1.16	81.03	ISC	006				
4215	1979 09 08	14.40	75.87	GS *	038	F	4		
4216	1979 09 10	3.24	75.55	ISC	006				
4217	1979 09 12	17.64	74.42	ISC	008				
4218	1979 09 12	10.78	74.50	GS *	007				
4219	1979 09 13	5.36	77.52	GS	058				
4220	1979 09 15	15.63	69.56	GS	179	F	2		
4221	1979 09 16	2.31	79.05	GS	080				
4222	1979 09 24	15.69	72.04	GS *	006				
4223	1979 09 26	13.90	71.04	GS *	008				
4224	1979 10 05	3.55	76.27	GS	157				
4225	1979 10 08	18.08	68.70	GS *	010				
4226	1979 10 09	6.35	76.28	GS	066				
4227	1979 10 10	17.22	73.82	GS *	005				
4228	1979 10 11	16.74	73.67	GS *	006				
4229	1979 10 11	5.41	77.13	GS *	039				
4230	1979 10 11	5.41	77.21	GS *	052				
4231	1979 10 15	13.39	76.60	GS	030	F	2		
4232	1979 10 17	10.79	74.60	GS	008				
4233	1979 10 19	19.26	69.16	GS *	014				
4234	1979 10 28	16.27	75.20	GS *	010				
4235	1979 11 02	9.66	76.13	ISC	006				
4236	1979 11 04	16.83	69.51	GS	017				
4237	1979 11 06	18.80	69.68	GS	022	F	4		
4238	1979 11 13	2.31	76.73	GS	083				
4239	1979 11 15	16.42	74.81	GS	023				
4240	1979 11 18	6.46	73.91	GS *	014				

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4241	1979 11 21	15.40	75.95	ISC	005				
4242	1979 11 26	3.39	80.72	GS	024				
4243	1979 12 01	17.82	68.74	GS	008				
4244	1979 12 04	2.67	78.69	GS	025				
4245	1979 12 05	12.86	76.77	ISC	005	F			
4246	1979 12 05	17.32	72.49	ISC	006				
4247	1979 12 07	13.35	76.63	GS *	011	F			
4248	1979 12 13	7.91	72.23	ISC	007				
4249	1979 12 15	16.58	74.07	ISC	005				
4250	1979 12 18	14.18	76.87	ISC	006				
4251	1979 12 19	14.50	71.51	GS	065				
4252	1979 12 21	2.65	79.01	GS	055	F			
4253	1979 12 26	16.13	71.13	GS	035				
4254	1979 12 27	14.68	74.56	GS *	011				
4255	1979 12 27	15.13	70.90	GS	016				
4256	1979 12 30	19.21	69.47	GS	032				
4257	1979 12 31	7.98	80.40	ISC	007				
4258	1979 12 31	2.90	81.94	ISC	007				
4259	1980 01 02	10.87	79.12	GS	038				
4260	1980 01 02	10.71	79.15	GS	088	F	2		
4261	1980 01 02	10.77	79.10	GS	022	F			
4262	1980 01 03	10.87	79.09	GS	048				
4263	1980 01 03	0.12	77.97	ISC	008				
4264	1980 01 04	10.85	79.18	GS	018				
4265	1980 01 05	11.16	79.17	GS	011				
4266	1980 01 08	18.27	71.23	ISC	007				
4267	1980 01 11	10.27	74.08	GS	021				
4268	1980 01 13	0.63	78.90	GS *	009				
4269	1980 01 13	9.78	78.65	GS	051	F			
4270	1980 01 16	14.54	73.49	GS	157	F	3		
4271	1980 01 19	9.83	80.03	GS *	019				
4272	1980 01 20	14.43	76.22	GS *	010	F			
4273	1980 01 20	9.46	79.36	GS	030	F			
4274	1980 01 22	4.44	77.86	GS *	009				
4275	1980 01 31	7.62	74.39	GS	017				
4276	1980 02 01	12.26	77.97	GS *	012	F	3		
4277	1980 02 05	19.20	68.27	ISC	009				
4278	1980 02 05	13.60	77.34	ISC	006	F			
4279	1980 02 06	17.86	69.31	ISC	006				
4280	1980 02 09	19.32	68.78	ISC	008				
4281	1980 02 15	2.79	80.26	ISC	008				
4282	1980 02 18	8.98	74.78	ISC	008				
4283	1980 02 18	2.25	79.73	GS	120	D	6		

## EARTHQUAKE CATALOG OF PERU

II-101

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4284	1980 02 20	16.80	72.98	ISC	007				
4285	1980 02 24	4.77	77.35	GS *	012				
4286	1980 03 02	9.19	78.92	GS *	013				
4287	1980 03 02	16.43	69.65	ISC	011				
4288	1980 03 06	6.09	71.18	GS	031				
4289	1980 03 06	16.50	73.50	GS *	016				
4290	1980 03 06	8.97	71.10	GS	016				
4291	1980 03 07	13.78	75.35	GS	009				
4292	1980 03 07	16.69	72.95	GS	096	F	4		
4293	1980 03 07	17.85	73.24	ISC	010	F			
4294	1980 03 08	8.45	74.18	GS	043				
4295	1980 03 09	17.77	73.19	ISC	007				
4296	1980 03 10	16.82	72.94	GS *	017	F			
4297	1980 03 12	15.21	75.71	GS	029				
4298	1980 03 16	11.64	73.52	GS	038				
4299	1980 03 16	16.76	72.99	GS	011	F	2		
4300	1980 03 20	5.00	80.73	GS *	014	F	4		
4301	1980 03 27	17.31	70.04	GS	022				
4302	1980 03 28	8.99	71.38	GS	034				
4303	1980 03 28	1.77	77.92	GS	043				
4304	1980 03 29	7.66	74.32	GS	024				
4305	1980 04 02	8.62	74.69	GS	035				
4306	1980 04 04	7.89	74.41	GS	085				
4307	1980 04 04	10.62	82.16	ISC	006				
4308	1980 04 04	19.10	69.57	GS	008				
4309	1980 04 05	3.74	81.59	ISC	013				
4310	1980 04 06	17.00	72.80	GS	010	F	3		
4311	1980 04 09	9.84	75.10	GS	060				
4312	1980 04 10	11.61	77.38	GS	072	F	4		
4313	1980 04 12	9.96	78.44	ISCR	006				
4314	1980 04 18	14.77	71.28	GS	056				
4315	1980 04 20	2.52	78.50	GS	112				
4316	1980 04 21	16.80	73.01	GS *	005	F	2		
4317	1980 04 22	19.75	70.58	GS	009				
4318	1980 05 04	5.12	78.81	GS	012				
4319	1980 05 06	17.25	72.93	ISC	006				
4320	1980 05 08	0.15	77.59	ISC	012				
4321	1980 05 14	17.22	73.02	GS	026	F	2		
4322	1980 05 16	0.59	78.98	GS	017	F	5		
4323	1980 05 16	7.92	73.75	GS	135				
4324	1980 05 18	16.20	71.88	GS *	016				
4325	1980 05 23	19.18	69.44	GS *	011				



NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4326	1980 05 24	17.92	69.60	GS	007	F	5		
4327	1980 05 25	15.18	76.49	ISC	006				
4328	1980 05 25	14.37	73.90	GS *	006				
4329	1980 05 26	19.36	69.24	GS	222				
4330	1980 05 26	19.77	69.44	GS *	010				
4331	1980 05 26	19.74	69.24	ISC	006				
4332	1980 05 29	17.19	69.57	GS	014				
4333	1980 06 01	19.57	70.07	GS *	008				
4334	1980 06 03	13.44	72.62	GS	040				
4335	1980 06 09	14.44	76.65	ISC	007				
4336	1980 06 11	14.88	76.99	ISC	014				
4337	1980 06 12	14.95	72.06	ISC	009				
4338	1980 06 15	15.52	75.24	GS	126				
4339	1980 06 16	16.29	76.21	ISC	009				
4340	1980 06 16	16.87	76.85	ISC	005				
4341	1980 06 16	15.76	75.48	GS *	032				
4342	1980 06 16	8.71	74.81	GS	010				
4343	1980 06 17	15.79	76.54	ISC	006				
4344	1980 06 17	16.16	71.60	ISC	005				
4345	1980 06 19	18.77	71.14	ISC	011				
4346	1980 06 23	15.80	74.14	GS *	057				
4347	1980 06 25	16.78	74.37	ISC	006				
4348	1980 06 29	1.43	77.31	GS *	007				
4349	1980 06 29	15.36	74.10	GS *	013				
4350	1980 07 05	19.17	69.32	ISC	005				
4351	1980 07 10	18.58	69.68	GS *	007				
4352	1980 07 10	8.43	75.76	ISC	009				
4353	1980 07 15	5.66	81.11	ISC	014				
4354	1980 07 17	19.36	69.13	GS	020				
4355	1980 07 20	9.66	74.95	GS	092				
4356	1980 07 21	18.52	69.35	GS *	019				
4357	1980 07 23	2.32	78.32	GS *	009				
4358	1980 07 25	8.06	74.52	GS	037				
4359	1980 07 28	10.41	74.67	GS	024				
4360	1980 07 29	1.45	77.77	GS	023				
4361	1980 08 05	5.52	79.11	ISC	007				
4362	1980 08 11	15.54	75.18	GS	075				
4363	1980 08 16	13.05	74.39	GS	046				
4364	1980 08 16	11.79	75.12	ISC	007				
4365	1980 08 18	1.95	80.02	GS	156				
4366	1980 08 20	2.10	80.19	GS *	012	C			
4367	1980 08 22	15.39	75.75	ISC	012				

## EARTHQUAKE CATALOG OF PERU

II-103

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4368	1980 08 22	9.82	79.82	GS	018				
4369	1980 08 27	15.49	75.14	ISC	005				
4370	1980 08 31	6.25	80.88	GS	087				
4371	1980 09 03	5.64	79.36	ISC	012				
4372	1980 09 03	1.90	78.05	GS	068				
4373	1980 09 04	4.80	77.75	ISC	008				
4374	1980 09 08	11.80	76.17	ISC	006				
4375	1980 09 14	1.83	78.05	GS *	014				
4376	1980 09 15	4.29	80.89	ISC	014				
4377	1980 09 16	7.11	75.81	GS	017				
4378	1980 09 17	6.73	76.99	ISC	021				
4379	1980 09 17	16.30	73.74	ISC	006				
4380	1980 09 20	12.56	77.45	GS *	006	F			
4381	1980 09 20	18.42	74.10	ISC	005				
4382	1980 09 21	1.96	78.43	ISC	005				
4383	1980 09 21	12.94	75.30	GS *	008				
4384	1980 09 23	18.09	69.98	GS *	016				
4385	1980 09 26	19.65	69.43	GS *	017				
4386	1980 09 29	17.41	69.88	GS	049				
4387	1980 10 01	9.03	76.70	GS *	008				
4388	1980 10 03	14.49	73.04	ISC	006				
4389	1980 10 04	17.86	73.99	ISC	006				
4390	1980 10 08	1.38	77.69	GS	161	F			
4391	1980 10 10	8.44	74.64	GS	029				
4392	1980 10 16	19.71	69.00	ISC	010				
4393	1980 10 17	14.42	76.02	GS *	008				
4394	1980 10 21	2.04	79.54	GS *	010				
4395	1980 10 26	15.32	72.57	ISC	005				
4396	1980 10 27	19.55	70.33	GS	024				
4397	1980 10 28	17.09	73.88	GS *	009	F	2		
4398	1980 10 29	18.83	69.48	ISC	007				
4399	1980 11 02	4.53	79.44	GS	055				
4400	1980 11 02	17.06	72.65	ISC	015	F			
4401	1980 11 05	15.93	72.28	GS	013				
4402	1980 11 06	18.50	69.22	GS	024				
4403	1980 11 09	17.02	72.80	GS	054	F	3		
4404	1980 11 10	13.19	74.52	GS	039				
4405	1980 11 10	13.20	74.53	ISC	009				
4406	1980 11 11	13.35	74.50	ISC	005				
4407	1980 11 12	13.35	74.54	GS	019	C			
4408	1980 11 12	1.14	77.82	ISC	011				
4409	1980 11 12	13.28	74.52	GS	017				
4410	1980 11 12	18.95	69.25	GS	047	F	3		

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4411	1980 11 12	13.18	74.51	GS *	006				
4412	1980 11 12	13.08	74.35	ISC	007				
4413	1980 11 13	13.18	74.38	ISC	006				
4414	1980 11 14	13.27	74.65	ISC	007				
4415	1980 11 16	10.51	76.68	GS *	007				
4416	1980 11 16	13.20	74.29	GS *	008				
4417	1980 11 21	8.68	75.93	ISC	017				
4418	1980 11 23	1.73	73.47	ISC	006				
4419	1980 11 24	9.27	74.08	GS	015				
4420	1980 11 24	14.90	76.23	GS *	011				
4421	1980 11 27	18.49	69.61	GS *	006				
4422	1980 12 03	16.78	75.18	ISC	005				
4423	1980 12 07	18.14	69.69	ISC	007				
4424	1980 12 11	13.19	74.41	GS	016				
4425	1980 12 11	16.35	75.91	ISC	008				
4426	1980 12 12	8.14	72.11	ISC	007				
4427	1980 12 14	19.49	71.14	ISC	006				
4428	1980 12 14	12.99	74.33	ISC	005				
4429	1980 12 14	11.02	74.19	ISC	011				
4430	1980 12 16	17.05	69.97	GS	024				
4431	1980 12 17	13.20	74.40	GS *	023				
4432	1980 12 17	14.84	72.45	GS	038				
4433	1980 12 22	17.08	70.06	GS *	030				
4434	1980 12 22	14.69	76.16	ISC	005				
4435	1980 12 22	9.83	75.53	ISC	025				
4436	1980 12 23	11.49	73.08	GS	012				
4437	1980 12 25	4.12	81.15	GS	041				
4438	1980 12 26	12.79	77.04	GS *	007				
4439	1980 12 27	17.11	69.79	ISC	007				
4440	1980 12 29	12.28	71.26	GS	014				
4441	1980 12 30	5.37	80.20	GS *	010				
4442	1980 12 31	16.05	74.14	ISC	008				
4443	1981 01 03	2.12	80.28	ISC	007				
4444	1981 01 06	11.08	79.36	ISC	009				
4445	1981 01 10	13.79	75.04	ISC	006				
4446	1981 01 13	18.05	71.50	GS *	011	F	3		
4447	1981 01 21	10.50	74.17	GS	092				
4448	1981 01 23	14.59	70.52	GS	061				
4449	1981 01 24	13.20	74.39	GS	023				
4450	1981 01 25	10.22	75.49	GS *	006				
4451	1981 01 26	13.57	75.54	GS *	005				
4452	1981 01 28	10.29	75.45	GS *	025				
4453	1981 02 01	19.77	69.51	ISC	007				

## EARTHQUAKE CATALOG OF PERU

II-105

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
4454	1981 02 01	17.55	70.24	ISC	006	F	3		
4455	1981 02 02	16.95	71.15	GS	019				
4456	1981 02 02	19.42	69.45	ISC	005				
4457	1981 02 03	11.05	75.37	GS	012				
4458	1981 02 05	12.97	74.31	ISC	007				
4459	1981 02 13	15.59	74.53	GS	128	F	3		
4460	1981 02 14	15.02	70.14	GS	025				
4461	1981 02 16	13.10	74.48	GS	016				
4462	1981 02 18	9.74	74.73	GS	032				
4463	1981 02 18	1.75	77.33	GS *	018				
4464	1981 02 27	15.87	75.66	GS *	015				
4465	1981 02 28	6.41	81.42	GS	106				
4466	1981 03 01	14.85	72.77	ISC	005				
4467	1981 03 04	2.34	81.08	ISC	010				
4468	1981 03 04	13.86	73.07	ISC	007				
4469	1981 03 05	18.00	69.44	ISC	010				
4470	1981 03 08	15.23	71.89	ISC	009				
4471	1981 03 09	2.02	80.16	GS	022				
4472	1981 03 10	0.77	77.41	ISC	012				
4473	1981 03 13	3.71	82.06	GS *	005				
4474	1981 03 13	14.70	70.32	GS	053				
4475	1981 03 15	17.77	69.55	ISC	005				
4476	1981 03 17	9.85	74.87	GS	036				
4477	1981 03 18	9.97	78.39	GS *	008				
4478	1981 03 19	13.48	74.48	ISC	007				
4479	1981 03 21	14.45	73.26	GS *	009	F	5		
4480	1981 03 21	10.68	75.02	ISC	013				
4481	1981 03 26	1.64	77.87	GS *	028				
4482	1981 03 26	19.37	68.96	GS	239				
4483	1981 03 28	16.00	72.84	ISC	006				
4484	1981 03 28	13.59	77.71	ISC	006				
4485	1981 03 29	14.75	75.95	ISC	005				
4486	1981 03 29	13.83	77.19	ISC	005				
4487	1981 03 31	15.04	75.76	ISC	006				
4488	1981 04 02	10.22	74.86	ISC	012				
4489	1981 04 03	15.64	71.36	ISC	007				
4490	1981 04 09	13.15	73.92	ISC	005				
4491	1981 04 10	16.16	72.15	ISC	006				
4492	1981 04 10	15.60	75.34	ISC	009				
4493	1981 04 10	18.37	69.49	ISC	008				
4494	1981 04 11	5.50	77.34	GS	072				
4495	1981 04 12	13.03	74.29	ISC	005				

## II-106

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4496	1981 04 13	15.02	71.96	GS *	006				
4497	1981 04 13	19.05	70.49	GS *	009				
4498	1981 04 13	4.34	81.10	GS *	009				
4499	1981 04 13	8.82	72.90	GS	040				
4500	1981 04 14	14.93	76.06	ISC	007				
4501	1981 04 14	13.14	74.42	GS	006				
4502	1981 04 14	15.22	72.07	ISC	006				
4503	1981 04 18	13.14	74.38	GS	098	C			
4504	1981 04 18	12.87	74.21	ISC	006				
4505	1981 04 18	13.16	74.44	ISC	015				
4506	1981 04 18	13.06	74.39	ISC	005				
4507	1981 04 19	13.24	74.44	GS *	006				
4508	1981 04 19	13.21	74.32	ISC	005				
4509	1981 04 19	13.21	73.62	ISC	006				
4510	1981 04 19	13.21	74.53	GS *	005				
4511	1981 04 20	13.25	74.05	ISC	005				
4512	1981 04 20	13.21	74.53	GS *	005				
4513	1981 04 20	14.76	73.95	GS *	013				
4514	1981 04 20	13.15	76.84	ISC	009				
4515	1981 04 21	13.28	74.58	ISC	009				
4516	1981 04 22	2.82	78.74	ISC	012				
4517	1981 04 23	13.20	74.67	ISC	006				
4518	1981 04 23	14.86	70.84	GS	022				
4519	1981 04 23	15.69	74.99	GS *	009				
4520	1981 04 25	17.93	69.65	GS *	009				
4521	1981 04 25	8.82	74.49	GS	015				
4522	1981 04 25	3.55	76.68	GS	084	F			
4523	1981 04 26	14.39	76.01	GS *	005				
4524	1981 04 26	12.87	74.12	ISC	005				
4525	1981 04 27	9.85	75.58	GS	028				
4526	1981 04 27	4.46	77.03	GS	079				
4527	1981 04 28	13.19	74.48	GS *	006				
4528	1981 04 29	1.43	77.38	GS *	007				
4529	1981 04 29	14.47	75.08	GS *	005				
4530	1981 05 01	13.17	74.38	ISC	006				
4531	1981 05 01	13.20	75.26	ISC	005				
4532	1981 05 01	13.21	74.45	ISC	007				
4533	1981 05 02	10.39	74.43	ISC	010				
4534	1981 05 02	15.28	72.18	GS *	006				
4535	1981 05 02	14.97	74.05	ISC	006				
4536	1981 05 02	17.81	71.76	GS	010	F	2		
4537	1981 05 06	18.27	75.25	ISC	007				
4538	1981 05 06	2.03	80.98	GS	105	F			

## EARTHQUAKE CATALOG OF PERU

II-107

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4539	1981 05 06	1.89	80.89	GS	113	F			
4540	1981 05 07	2.06	80.99	ISC	013				
4541	1981 05 07	18.10	69.64	GS	012				
4542	1981 05 09	8.33	75.07	ISC	005				
4543	1981 05 09	7.11	75.64	ISC	009				
4544	1981 05 10	8.44	82.04	ISC	011				
4545	1981 05 11	19.08	69.76	GS	039				
4546	1981 05 11	16.52	72.85	GS *	009	F	3		
4547	1981 05 13	1.36	78.43	GS *	008				
4548	1981 05 13	14.97	72.99	GS *	006				
4549	1981 05 13	14.39	76.49	GS *	005				
4550	1981 05 16	18.16	69.82	ISC	005				
4551	1981 05 18	10.32	78.40	GS	043	F			
4552	1981 05 22	16.24	71.56	GS	015				
4553	1981 05 22	19.30	69.26	GS	016				
4554	1981 05 23	8.55	74.61	ISC	007				
4555	1981 05 23	13.21	74.23	ISC	005				
4556	1981 05 24	5.58	78.76	GS *	008				
4557	1981 05 24	13.27	74.46	ISC	005				
4558	1981 05 24	18.72	69.54	GS *	020				
4559	1981 05 26	4.91	76.43	ISC	023				
4560	1981 05 26	3.00	79.18	GS	043				
4561	1981 05 27	13.44	73.69	ISC	013				
4562	1981 06 05	11.33	73.71	GS	082				
4563	1981 06 05	13.11	74.49	ISC	007				
4564	1981 06 05	3.90	80.71	GS	127	F			
4565	1981 06 06	14.06	76.26	ISC	005				
4566	1981 06 06	9.99	78.82	GS *	023	F			
4567	1981 06 06	16.64	73.39	ISC	010				
4568	1981 06 07	18.81	69.57	GS	027				
4569	1981 06 08	16.85	72.23	GS *	009	F	4		
4570	1981 06 10	8.62	72.80	ISC	007				
4571	1981 06 14	8.54	79.69	GS *	024				
4572	1981 06 16	13.14	74.41	GS *	006				
4573	1981 06 18	8.75	75.06	GS *	013				
4574	1981 06 20	17.54	72.48	ISC	005				
4575	1981 06 21	4.86	76.91	GS	106				
4576	1981 06 22	15.45	75.73	ISC	008				
4577	1981 06 22	13.17	74.52	GS	082	C			
4578	1981 06 22	13.22	74.46	ISC	006				
4579	1981 06 22	13.03	74.43	GS *	023				
4580	1981 06 22	13.09	74.36	ISC	006				

II-108

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4581	1981 06 23	13.24	74.60	GS	031				
4582	1981 06 23	13.50	74.58	GS *	006				
4583	1981 06 23	13.15	74.47	ISC	007				
4584	1981 06 23	13.19	74.46	ISC	008				
4585	1981 06 24	4.97	81.11	ISC	010				
4586	1981 06 24	2.52	79.10	GS *	017				
4587	1981 06 26	13.42	76.93	ISC	005				
4588	1981 06 27	13.36	74.49	GS *	005				
4589	1981 06 27	3.05	80.33	GS	090				
4590	1981 06 28	13.53	74.57	ISC	006				
4591	1981 06 28	7.82	74.30	GS *	020	F			
4592	1981 06 28	16.27	69.96	GS	050				
4593	1981 06 30	13.29	74.64	GS	021				
4594	1981 07 04	13.13	74.39	ISC	006				
4595	1981 07 04	10.34	77.48	GS ?	024				
4596	1981 07 04	13.09	74.43	GS *	021				
4597	1981 07 05	17.66	73.19	ISC	007				
4598	1981 07 06	16.04	70.47	GS ?	010				
4599	1981 07 08	17.65	69.69	GS	009				
4600	1981 07 08	14.14	76.75	GS *	013				
4601	1981 07 10	13.19	74.43	ISC	008				
4602	1981 07 13	6.71	76.82	GS *	023				
4603	1981 07 13	15.34	74.04	ISC	007				
4604	1981 07 13	3.63	81.32	ISC	007				
4605	1981 07 15	12.74	74.12	ISC	005				
4606	1981 07 16	13.74	76.66	GS *	005				
4607	1981 07 16	10.31	77.87	GS *	011	F			
4608	1981 07 17	13.86	76.73	GS *	017				
4609	1981 07 18	13.16	74.13	ISC	008				
4610	1981 07 18	16.98	73.63	GS *	014				
4611	1981 07 19	12.51	76.74	ISC	005				
4612	1981 07 21	8.41	80.16	ISC	013				
4613	1981 07 21	17.90	69.71	ISC	005				
4614	1981 07 22	11.84	77.80	GS *	018	F			
4615	1981 07 22	11.12	78.14	GS *	037				
4616	1981 07 25	16.64	75.00	GS ?	006				
4617	1981 07 25	11.24	74.96	GS *	008				
4618	1981 07 26	12.99	73.95	ISC	007				
4619	1981 07 28	13.32	74.15	ISC	005				
4620	1981 07 29	11.11	75.79	GS ?	006				
4621	1981 07 29	11.09	77.49	GS *	009	F			
4622	1981 07 29	13.57	77.11	ISC	006				
4623	1981 07 29	13.36	74.42	GS *	006	F			

## EARTHQUAKE CATALOG OF PERU

II-109

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4624	1981 07 29	2.64	78.36	GS	035				
4625	1981 08 03	5.35	78.13	GS	027				
4626	1981 08 06	14.45	74.54	GS %	006				
4627	1981 08 06	16.71	73.52	ISC	011	F	2		
4628	1981 08 11	16.62	72.68	GS	036	F	4		
4629	1981 08 12	18.67	69.76	GS *	014				
4630	1981 08 13	18.67	69.43	GS	039				
4631	1981 08 16	8.61	74.65	GS	100				
4632	1981 08 16	8.60	74.52	GS	071				
4633	1981 08 18	19.33	69.57	GS *	007				
4634	1981 08 19	3.89	80.97	GS	079				
4635	1981 08 20	14.68	76.14	ISC	008				
4636	1981 08 21	15.23	77.26	ISC	008				
4637	1981 08 21	16.67	73.64	GS *	014	F	2		
4638	1981 08 21	19.76	71.51	ISC	005				
4639	1981 08 22	11.99	77.10	GS ?	005				
4640	1981 08 25	14.24	73.07	GS *	006				
4641	1981 08 26	14.87	76.21	GS ?	005				
4642	1981 08 26	13.93	72.57	GS	022				
4643	1981 08 26	13.98	77.80	ISC	006				
4644	1981 08 27	13.13	74.45	GS *	005				
4645	1981 08 28	12.78	77.07	GS *	005				
4646	1981 08 29	13.72	74.56	ISC	006				
4647	1981 09 01	12.83	77.32	ISC	005				
4648	1981 09 02	12.64	75.39	ISC	007				
4649	1981 09 04	17.54	70.68	GS	009				
4650	1981 09 07	14.16	75.23	ISC	006				
4651	1981 09 07	13.36	76.52	ISC	006				
4652	1981 09 08	14.09	76.48	GS %	006				
4653	1981 09 10	12.31	75.49	ISC	007				
4654	1981 09 10	8.62	77.11	ISC	008				
4655	1981 09 11	13.52	74.86	ISC	006				
4656	1981 09 11	15.78	73.16	GS ?	008				
4657	1981 09 15	13.23	76.40	ISC	009				
4658	1981 09 15	10.60	74.58	GS *	012				
4659	1981 09 16	13.20	72.75	GS ?	005				
4660	1981 09 17	14.21	73.90	GS ?	006				
4661	1981 09 18	14.32	76.06	GS *	006				
4662	1981 09 19	7.87	76.40	ISC	006				
4663	1981 09 20	8.27	74.37	GS	046				
4664	1981 09 21	15.68	75.31	ISC	006				
4665	1981 09 25	19.72	69.34	GS *	020				
4666	1981 09 26	11.70	73.41	ISC	006				



II-110

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4667	1981 09 28	11.37	77.86	ISC	006				
4668	1981 09 29	19.22	69.46	ISC	005				
4669	1981 10 03	19.83	69.89	ISC	008				
4670	1981 10 04	16.49	72.58	ISC	012	F			
4671	1981 10 04	17.20	73.73	ISC	008				
4672	1981 10 04	1.55	77.36	GS	177				
4673	1981 10 04	14.41	76.13	GS *	012				
4674	1981 10 05	14.56	74.44	ISC	005				
4675	1981 10 07	17.95	71.73	GS	011	F	2		
4676	1981 10 07	2.48	77.21	GS	020				
4677	1981 10 08	6.62	81.31	GS *	009				
4678	1981 10 08	17.12	70.05	GS	074	F	3		
4679	1981 10 10	12.63	75.66	ISC	005				
4680	1981 10 11	12.52	77.27	GS ?	005				
4681	1981 10 11	19.76	71.39	ISC	005				
4682	1981 10 12	17.18	72.17	GS *	017	F	4		
4683	1981 10 13	1.73	77.99	GS	015				
4684	1981 10 13	15.51	71.23	GS *	008				
4685	1981 10 15	12.12	77.08	GS *	006				
4686	1981 10 15	14.86	71.59	GS	058				
4687	1981 10 17	15.44	71.31	GS ?	007				
4688	1981 10 18	12.32	75.78	GS *	005				
4689	1981 10 24	15.61	74.49	GS	023				
4690	1981 10 24	11.88	75.48	ISC	006				
4691	1981 10 27	11.57	74.19	ISC	016				
4692	1981 10 28	14.09	75.47	GS *	007				
4693	1981 10 29	11.86	75.69	GS ?	005				
4694	1981 10 29	11.60	74.17	GS *	014				
4695	1981 10 30	11.73	76.71	GS ?	005				
4696	1981 10 31	10.06	79.73	GS	049	F			
4697	1981 10 31	19.92	71.21	GS *	005				
4698	1981 11 01	19.87	70.95	ISC	008				
4699	1981 11 02	12.55	76.61	ISC	005				
4700	1981 11 02	18.91	69.78	GS	054	F	2		
4701	1981 11 03	1.83	78.44	GS	213	F			
4702	1981 11 03	19.50	69.26	ISC	011				
4703	1981 11 04	10.22	79.76	ISC	016				
4704	1981 11 06	13.88	76.97	ISC	006				
4705	1981 11 07	15.02	76.93	ISC	005				
4706	1981 11 10	16.38	74.47	ISC	005				
4707	1981 11 10	10.25	74.98	ISC	006				
4708	1981 11 11	8.87	72.93	GS	038				

## EARTHQUAKE CATALOG OF PERU

II-111

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
4709	1981 11 15	17.69	73.46	GS *	013				
4710	1981 11 17	13.52	76.92	ISC	006				
4711	1981 11 17	13.13	76.34	GS *	006				
4712	1981 11 17	18.43	69.36	ISC	007				
4713	1981 11 19	2.04	78.14	GS *	012				
4714	1981 11 20	17.61	69.45	ISC	006				
4715	1981 11 21	17.89	73.44	GS *	007				
4716	1981 11 21	15.23	72.37	ISC	005				
4717	1981 11 21	19.50	69.58	ISC	005				
4718	1981 11 22	12.00	74.68	GS	015				
4719	1981 11 23	15.40	74.19	GS ?	005				
4720	1981 11 24	15.17	75.97	ISC	005	F			
4721	1981 11 24	11.35	74.94	GS *	008				
4722	1981 11 24	11.57	76.07	ISC	005				
4723	1981 11 25	19.95	70.82	ISC	007				
4724	1981 11 25	8.47	74.23	GS *	009				
4725	1981 11 27	17.52	69.77	GS	032				
4726	1981 11 30	5.15	77.65	GS *	016				
4727	1981 11 30	17.02	69.85	GS	141	F	3		
4728	1981 12 02	12.56	77.56	ISC	005	F			
4729	1981 12 02	14.93	73.99	GS ?	007				
4730	1981 12 04	15.82	75.91	GS ?	005				
4731	1981 12 04	15.20	71.56	ISC	006				
4732	1981 12 04	15.34	73.68	ISC	007				
4733	1981 12 06	1.40	77.65	GS	025				
4734	1981 12 06	10.97	75.34	ISC	007				
4735	1981 12 06	13.35	76.97	ISC	005				
4736	1981 12 07	12.52	76.30	GS %	006				
4737	1981 12 08	8.72	73.60	GS *	010				
4738	1981 12 10	16.92	72.83	ISC	007				
4739	1981 12 10	10.77	75.50	ISC	006				
4740	1981 12 11	15.37	69.72	ISC	005				
4741	1981 12 11	14.22	75.69	ISC	005				
4742	1981 12 11	15.79	75.52	GS *	005				
4743	1981 12 13	19.56	69.71	ISC	007				
4744	1981 12 14	15.75	75.51	GS ?	005				
4745	1981 12 14	17.52	70.33	ISC	006				
4746	1981 12 15	17.67	71.07	ISC	005				
4747	1981 12 18	14.17	72.22	GS *	009				
4748	1981 12 19	14.98	75.11	GS	025				
4749	1981 12 20	17.70	69.92	GS	019				
4750	1981 12 21	12.48	76.02	GS *	006				
4751	1981 12 21	13.24	73.07	ISC	005	F			

II-112

NO.	DATE <i>yr mo dy</i>	LAT S (deg)	LON W (deg)	SOURCE	QI	CE	MMI	ISO FP	PE
4752	1981 12 21	14.52	74.44	ISC	007	D	5		
4753	1981 12 21	9.67	72.79	ISC	007				
4754	1981 12 23	12.05	76.42	GS *	007				
4755	1981 12 23	19.20	70.27	GS	029				
4756	1981 12 24	14.28	74.32	GS *	008				
4757	1981 12 25	13.61	76.43	GS %	005				
4758	1981 12 25	3.51	78.11	GS *	022				
4759	1981 12 27	16.56	76.06	GS ?	005				
4760	1981 12 27	8.33	79.96	GS	066				
4761	1982 01 02	18.52	70.10	GS	011				
4762	1982 01 03	5.37	81.31	GS ?	015	F			
4763	1982 01 04	19.14	69.62	GS	024				
4764	1982 01 05	18.89	69.41	GS	006				
4765	1982 01 07	16.51	75.62	ISC	006				
4766	1982 01 10	12.46	76.99	ISC	007				
4767	1982 01 14	19.85	69.28	ISC	014				
4768	1982 01 16	18.25	69.29	GS *	007				
4769	1982 01 16	13.02	73.96	ISC	007				
4770	1982 01 22	1.20	77.20	GS *	011				
4771	1982 01 26	19.81	69.71	GS *	015				
4772	1982 01 27	7.06	74.44	GS	090				
4773	1982 01 29	18.56	71.27	ISC	011				
4774	1982 01 30	16.16	72.74	GS ?	005				
4775	1982 02 02	8.74	74.51	ISC	005				
4776	1982 02 02	13.02	76.95	ISC	006				
4777	1982 02 03	2.27	79.17	GS	077				
4778	1982 02 03	13.74	74.57	ISC	006				
4779	1982 02 04	13.15	74.14	ISC	006				
4780	1982 02 04	4.99	77.51	GS	061				
4781	1982 02 05	8.12	74.40	GS *	011				
4782	1982 02 08	16.89	74.20	GS ?	007				
4783	1982 02 09	16.61	74.37	GS ?	008				
4784	1982 02 12	15.56	73.06	GS *	009				
4785	1982 02 13	11.94	75.55	ISC	005				
4786	1982 02 13	10.84	78.74	GS ?	015				
4787	1982 02 14	14.30	72.39	GS *	005				
4788	1982 02 18	16.16	74.73	ISC	006				
4789	1982 02 18	14.50	75.19	ISC	006				
4790	1982 02 23	14.19	74.33	GS *	006				
4791	1982 02 24	8.95	74.59	GS *	007				
4792	1982 02 24	14.68	75.19	GS *	007				
4793	1982 02 24	15.28	74.44	GS ?	005				
4794	1982 02 24	11.44	76.39	GS *	005				

## EARTHQUAKE CATALOG OF PERU

II-113

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4795	1982 02 25	13.79	74.76	GS %	006				
4796	1982 02 27	12.22	77.02	GS ?	005				
4797	1982 03 01	7.58	76.71	ISC	010				
4798	1982 03 03	14.42	76.26	ISC	006				
4799	1982 03 03	6.83	76.10	GS *	009				
4800	1982 03 03	4.65	81.02	GS ?	007				
4801	1982 03 06	1.38	77.69	GS	037				
4802	1982 03 07	15.35	73.15	ISC	018				
4803	1982 03 07	10.79	75.13	ISC	008				
4804	1982 03 08	12.31	79.08	ISC	007				
4805	1982 03 09	17.46	69.56	GS	036	F			
4806	1982 03 10	13.84	76.71	ISC	009				
4807	1982 03 11	17.05	72.00	GS	025	F	3		
4808	1982 03 13	17.15	71.99	ISC	010				
4809	1982 03 14	17.44	72.09	ISC	008				
4810	1982 03 16	16.36	73.46	ISC	005				
4811	1982 03 19	5.77	75.32	GS ?	006				
4812	1982 03 22	19.88	68.74	GS	135				
4813	1982 03 22	16.32	75.53	ISC	008				
4814	1982 03 23	17.39	69.67	GS	019				
4815	1982 03 23	12.40	77.67	GS	035	C	5		
4816	1982 03 25	15.16	71.72	ISC	010				
4817	1982 03 27	6.78	82.72	GS *	009				
4818	1982 03 28	4.44	81.26	ISC	009				
4819	1982 03 28	12.69	76.07	GS	270	C	6		
4820	1982 04 01	18.35	71.38	GS	061				
4821	1982 04 02	13.88	76.23	ISC	014				
4822	1982 04 05	12.92	76.26	ISC	005				
4823	1982 04 06	14.03	76.07	ISC	005				
4824	1982 04 07	2.50	78.56	GS	102				
4825	1982 04 11	2.95	78.64	GS	100				
4826	1982 04 12	6.76	77.06	ISC	007				
4827	1982 04 15	15.14	74.25	GS *	005				
4828	1982 04 15	10.51	75.24	GS ?	005				
4829	1982 04 15	12.81	77.47	GS %	006				
4830	1982 04 16	17.04	73.10	GS	033				
4831	1982 04 17	2.33	78.28	GS *	010				
4832	1982 04 18	14.06	76.67	ISC	006				
4833	1982 04 18	5.62	77.54	GS ?	010				
4834	1982 04 18	10.49	75.55	ISC	007				
4835	1982 04 18	11.79	76.05	GS	013				
4836	1982 04 19	14.96	73.69	GS *	010				
4837	1982 04 20	18.12	69.32	GS *	006				

II-114

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4838	1982 04 21	9.48	78.82	GS	079				
4839	1982 04 22	15.42	74.30	ISC	005				
4840	1982 04 22	17.67	76.91	GS ?	005				
4841	1982 04 25	11.17	78.57	GS *	013				
4842	1982 04 28	2.92	78.79	ISC	008				
4843	1982 04 28	14.28	75.64	ISC	006				
4844	1982 05 03	13.49	76.11	GS	114				
4845	1982 05 05	15.83	74.20	ISC	007				
4846	1982 05 08	1.69	78.01	GS	081				
4847	1982 05 08	16.00	75.44	GS ?	005				
4848	1982 05 08	2.04	79.71	GS	039				
4849	1982 05 09	16.48	74.74	ISC	010				
4850	1982 05 12	17.77	73.78	GS ?	006				
4851	1982 05 14	1.45	78.03	GS *	008				
4852	1982 05 20	1.57	78.01	GS	153				
4853	1982 05 23	17.11	69.66	ISC	013				
4854	1982 05 23	17.56	70.37	GS *	008				
4855	1982 05 24	11.65	74.19	GS *	005				
4856	1982 05 25	12.76	75.22	ISC	005				
4857	1982 05 25	5.47	77.44	GS *	037				
4858	1982 05 25	18.00	71.29	GS ?	006				
4859	1982 05 27	15.63	73.20	ISC	008				
4860	1982 05 28	14.71	74.41	ISC	007				
4861	1982 05 28	13.55	76.37	ISC	007				
4862	1982 06 02	16.73	73.99	GS	023				
4863	1982 06 02	14.09	76.36	GS	050	F			
4864	1982 06 03	18.89	68.02	GS	136				
4865	1982 06 04	18.69	70.83	ISC	016				
4866	1982 06 07	16.56	72.81	ISC	013	F			
4867	1982 06 09	16.09	72.04	GS	029				
4868	1982 06 12	14.55	76.08	ISC	006				
4869	1982 06 12	15.44	73.40	GS *	024				
4870	1982 06 15	11.44	76.67	ISC	005				
4871	1982 06 16	14.31	73.81	ISC	005				
4872	1982 06 19	9.70	71.15	ISC	012				
4873	1982 06 26	15.17	76.46	ISC	006				
4874	1982 06 27	14.84	76.35	GS *	008				
4875	1982 06 31	4.47	78.39	ISC	006				
4876	1982 07 01	4.55	80.33	ISC	012				
4877	1982 07 01	18.68	69.40	GS	036				
4878	1982 07 06	19.36	69.52	ISC	007				
4879	1982 07 06	16.28	74.59	ISC	006				
4880	1982 07 10	15.87	70.71	ISC	008				

## EARTHQUAKE CATALOG OF PERU

II-115

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4881	1982 07 11	16.65	73.21	GS	147	F	3		
4882	1982 07 11	14.02	76.06	GS *	006				
4883	1982 07 11	12.95	75.34	ISC	005				
4884	1982 07 12	17.15	73.27	ISC	017				
4885	1982 07 13	12.75	78.22	GS *	006				
4886	1982 07 14	12.06	76.71	GS %	005				
4887	1982 07 20	0.71	78.60	ISC	005				
4888	1982 07 21	13.22	75.09	GS	062				
4889	1982 07 25	12.00	74.17	GS *	006				
4890	1982 07 25	12.73	81.03	GS *	006				
4891	1982 07 25	13.09	76.88	GS *	006				
4892	1982 07 25	3.37	80.59	GS	018				
4893	1982 07 26	18.63	69.25	ISC	005				
4894	1982 07 26	18.66	69.19	ISC	006				
4895	1982 07 30	11.94	76.36	GS *	006				
4896	1982 07 31	15.96	74.66	GS *	005				
4897	1982 07 31	13.84	72.44	ISC	005				
4898	1982 08 02	15.55	74.58	ISC	007				
4899	1982 08 02	13.47	70.51	GS *	007				
4900	1982 08 03	15.93	71.32	GS *	012				
4901	1982 08 03	16.59	71.48	ISC	020	F			
4902	1982 08 04	12.26	76.48	ISC	005				
4903	1982 08 04	15.00	73.98	ISC	005				
4904	1982 08 04	15.62	75.92	ISC	012				
4905	1982 08 05	15.28	75.87	GS ?	009				
4906	1982 08 07	1.64	77.85	ISC	014				
4907	1982 08 08	16.51	72.45	GS *	011	F			
4908	1982 08 08	1.84	77.97	GS *	013				
4909	1982 08 09	15.23	71.04	GS	062				
4910	1982 08 10	5.35	77.37	GS	141				
4911	1982 08 10	12.95	76.28	ISC	006				
4912	1982 08 10	19.28	69.50	ISC	007				
4913	1982 08 11	15.68	72.37	GS *	009				
4914	1982 08 12	6.68	75.79	ISC	008				
4915	1982 08 12	8.46	75.38	GS ?	006				
4916	1982 08 12	14.17	73.39	ISC	005				
4917	1982 08 12	16.36	74.68	GS ?	008				
4918	1982 08 14	15.06	73.48	ISC	007				
4919	1982 08 15	10.06	76.35	GS	136				
4920	1982 08 16	14.61	71.58	ISC	008				
4921	1982 08 19	13.43	76.18	ISC	009				
4922	1982 08 20	19.56	70.15	ISC	006				
4923	1982 08 20	14.98	74.15	ISC	012				

II-116

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4924	1982 08 22	19.57	69.35	ISC	010				
4925	1982 08 23	14.95	73.94	GS *	011				
4926	1982 08 23	15.01	74.05	ISC	006				
4927	1982 08 24	14.92	73.92	ISC	006				
4928	1982 08 25	14.86	73.69	ISC	008				
4929	1982 08 26	2.69	79.87	GS	233	F	6	S	
4930	1982 08 27	14.90	74.66	GS *	007				
4931	1982 08 28	15.90	71.52	GS *	015				
4932	1982 08 29	19.36	70.32	GS	060				
4933	1982 08 29	12.87	76.82	ISC	006				
4934	1982 08 29	11.97	75.70	ISC	006				
4935	1982 08 30	13.99	76.51	GS *	005				
4936	1982 08 31	12.58	75.78	ISC	005				
4937	1982 09 01	18.89	69.91	ISC	005				
4938	1982 09 02	15.55	75.30	ISC	005				
4939	1982 09 03	8.73	80.20	GS *	017				
4940	1982 09 04	12.76	71.78	ISC	007				
4941	1982 09 05	17.10	72.75	ISC	007				
4942	1982 09 07	12.85	76.67	ISC	006				
4943	1982 09 11	15.80	70.81	ISC	007				
4944	1982 09 11	7.58	75.56	GS	025				
4945	1982 09 11	16.16	73.99	ISC	008				
4946	1982 09 12	6.98	80.31	GS *	016	F			
4947	1982 09 13	15.02	76.96	ISC	009				
4948	1982 09 15	14.49	70.79	GS	343	F	5	S	
4949	1982 09 17	16.82	74.18	ISC	007				
4950	1982 09 18	12.88	76.89	ISC	005				
4951	1982 09 22	1.76	77.36	GS *	025				
4952	1982 09 25	11.97	74.32	ISC	007				
4953	1982 09 26	3.09	75.69	GS	032				
4954	1982 09 27	15.07	75.56	GS *	007				
4955	1982 10 03	19.37	69.57	GS *	009				
4956	1982 10 03	13.31	76.66	ISC	006				
4957	1982 10 04	12.42	76.01	GS %	006				
4958	1982 10 04	15.08	72.09	ISC	008				
4959	1982 10 05	17.03	74.68	GS *	009				
4960	1982 10 05	12.66	77.24	ISC	006				
4961	1982 10 06	14.86	73.07	ISC	007				
4962	1982 10 06	19.32	70.25	GS	067	F			
4963	1982 10 08	15.12	72.27	ISC	020				
4964	1982 10 09	15.36	74.86	ISC	008				

## EARTHQUAKE CATALOG OF PERU

II-117

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
4965	1982 10 10	18.45	69.73	GS	010				
4966	1982 10 10	15.03	71.72	GS ?	006				
4967	1982 10 15	13.43	74.35	GS *	015				
4968	1982 10 16	14.16	73.00	GS	047				
4969	1982 10 16	16.20	73.78	GS	036				
4970	1982 10 16	12.32	75.70	ISC	005				
4971	1982 10 17	6.01	82.45	ISC	012				
4972	1982 10 17	15.67	73.04	GS	060				
4973	1982 10 18	12.82	75.35	ISC	005				
4974	1982 10 18	14.66	74.86	ISC	006				
4975	1982 10 20	12.68	77.09	GS %	005				
4976	1982 10 21	15.41	76.06	ISC	007				
4977	1982 10 22	9.08	74.50	ISC	015				
4978	1982 10 23	12.98	74.52	GS %	006				
4979	1982 10 23	15.49	70.40	GS *	025				
4980	1982 10 23	12.36	75.39	GS *	009				
4981	1982 10 23	19.78	69.58	GS *	005				
4982	1982 10 23	13.72	74.37	ISC	005				
4983	1982 10 26	15.02	70.86	GS *	006				
4984	1982 10 26	19.41	71.14	ISC	006				
4985	1982 10 27	13.30	75.04	GS %	005				
4986	1982 10 29	4.23	80.65	GS	103				
4987	1982 10 31	14.15	74.90	ISC	005				
4988	1982 11 07	18.30	71.94	ISC	006				
4989	1982 11 07	16.16	72.97	ISC	011				
4990	1982 11 10	9.53	75.28	ISC	006				
4991	1982 11 12	14.34	75.13	GS ?	005				
4992	1982 11 13	12.13	76.66	ISC	005				
4993	1982 11 14	15.11	71.79	GS	042				
4994	1982 11 16	1.50	78.39	ISC	008				
4995	1982 11 17	13.86	76.59	GS *	005				
4996	1982 11 18	1.72	76.70	GS	285			S	
4997	1982 11 19	10.60	74.70	GS	274	F		S	
4998	1982 11 19	10.41	74.90	GS	017				
4999	1982 11 19	10.73	74.78	GS	047				
5000	1982 11 19	10.36	74.92	GS	007				
5001	1982 11 20	10.67	74.53	GS *	011				
5002	1982 11 21	10.36	75.44	ISC	006				
5003	1982 11 22	16.47	73.52	GS	019				
5004	1982 11 22	15.23	75.71	ISC	007				



II-118

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
5005	1982 11 23	11.11	75.37	ISC	011				
5006	1982 11 23	10.43	74.93	GS	043				
5007	1982 11 26	10.91	74.18	GS	020				
5008	1982 11 26	0.18	77.86	ISC	017				
5009	1982 11 27	10.74	74.45	GS	016				
5010	1982 11 29	18.32	69.56	GS	079	F	4		
5011	1982 11 29	13.10	80.05	GS *	008				
5012	1982 11 30	8.37	74.30	GS	070				
5013	1982 12 02	10.84	74.57	GS	010				
5014	1982 12 05	19.50	69.33	ISC	009				
5015	1982 12 05	17.03	73.00	ISC	006				
5016	1982 12 06	18.51	68.88	GS	026				
5017	1982 12 09	18.04	73.02	ISC	007				
5018	1982 12 11	10.50	74.89	GS	017				
5019	1982 12 11	16.61	74.82	ISC	005				
5020	1982 12 11	19.72	69.42	ISC	011				
5021	1982 12 12	15.56	70.68	GS *	014				
5022	1982 12 13	11.42	75.67	ISC	006				
5023	1982 12 14	11.52	75.70	GS ?	006				
5024	1982 12 16	14.38	70.54	GS	118				
5025	1982 12 18	10.74	74.77	GS	013				
5026	1982 12 18	6.39	75.69	GS	134				
5027	1982 12 20	16.30	73.51	GS *	009				
5028	1982 12 21	8.21	74.18	GS	023				
5029	1982 12 21	11.42	74.16	GS	016				
5030	1982 12 24	12.89	76.10	GS *	005				
5031	1982 12 25	15.39	73.65	GS	022				
5032	1982 12 25	16.93	73.75	ISC	008				
5033	1982 12 26	13.81	74.70	GS ?	005				
5034	1982 12 28	18.91	69.59	GS	027				
5035	1982 12 30	19.79	69.48	ISC	011				
5036	1982 12 31	10.74	78.96	GS	075				
5037	1982 12 31	1.55	78.04	GS *	052				
5038	1983 01 01	16.94	69.11	GS	250	F	3	S	
5039	1983 01 02	13.83	75.72	GS %	005				
5040	1983 01 02	13.77	76.15	GS %	005				
5041	1983 01 12	10.77	74.63	GS	019				
5042	1983 01 19	11.36	74.84	GS	012				
5043	1983 01 24	15.59	75.51	GS *	013				
5044	1983 01 31	8.42	74.22	GS *	021				
5045	1983 02 03	12.67	77.05	GS %	005				

## EARTHQUAKE CATALOG OF PERU

II-119

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
5046	1983 02 10	9.70	74.43	GS ?	013				
5047	1983 02 13	4.97	80.33	GS ?	008				
5048	1983 02 14	15.61	72.23	GS ?	006				
5049	1983 02 16	12.36	78.07	GS *	018				
5050	1983 02 18	3.11	79.05	GS	042				
5051	1983 02 18	13.93	76.44	GS *	029				
5052	1983 02 19	12.33	76.72	GS %	006				
5053	1983 02 21	15.14	76.20	GS *	018				
5054	1983 02 25	18.27	69.44	GS	281	D	6	S	
5055	1983 02 26	12.87	76.14	GS *	005				
5056	1983 02 26	16.88	72.23	GS *	007	F	4		
5057	1983 02 27	4.01	76.40	GS *	010				
5058	1983 02 27	13.45	76.79	GS	111				
5059	1983 02 28	10.60	75.18	GS ?	005				
5060	1983 02 28	7.34	76.40	GS	065	F			
5061	1983 03 01	11.79	73.75	GS ?	005				
5062	1983 03 02	11.53	77.80	GS	138	D	4		LS
5063	1983 03 11	16.16	70.48	GS	019				
5064	1983 03 13	16.89	75.15	GS *	007				
5065	1983 03 13	8.35	74.35	GS	040				
5066	1983 03 15	8.17	80.00	GS	132	F			
5067	1983 03 20	10.50	74.87	GS	134				
5068	1983 03 21	3.81	77.94	GS *	028				
5069	1983 03 27	13.97	74.96	GS %	005				
5070	1983 03 31	10.98	75.50	GS ?	005				
5071	1983 04 01	19.87	68.79	GS	026				
5072	1983 04 04	5.58	78.78	GS *	014				
5073	1983 04 08	10.82	78.29	GS	015				
5074	1983 04 10	17.34	70.66	GS	023				
5075	1983 04 10	18.13	69.29	GS	012				
5076	1983 04 12	4.84	78.10	GS	382	F		S	
5077	1983 04 13	10.71	75.27	GS *	016				
5078	1983 04 13	19.98	69.04	GS *	014				
5079	1983 04 13	4.47	81.98	GS *	027				
5080	1983 04 14	17.29	72.23	GS ?	007				
5081	1983 04 15	5.98	75.66	GS	211				
5082	1983 04 15	3.71	78.67	GS *	034				
5083	1983 04 20	19.13	69.57	GS *	041				
5084	1983 04 21	16.50	73.47	GS *	016				
5085	1983 04 21	9.17	75.36	GS *	020				
5086	1983 04 22	17.69	69.32	GS *	008				

II-120

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
5087	1983 04 23	12.76	75.27	GS %	005				
5088	1983 04 23	13.35	76.42	GS *	007				
5089	1983 04 27	18.27	70.14	GS *	007				
5090	1983 04 27	1.82	77.68	GS *	043				
5091	1983 04 28	16.17	74.16	GS *	009				
5092	1983 05 06	18.67	69.80	GS	018				
5093	1983 05 13	12.78	76.83	GS %	005				
5094	1983 05 14	15.97	73.74	GS ?	005				
5095	1983 05 15	18.66	70.85	GS *	014				
5096	1983 05 15	16.01	73.21	GS	059	F	3		
5097	1983 05 21	10.59	74.80	GS	123				
5098	1983 05 21	10.60	74.79	GS	117				
5099	1983 05 21	10.56	74.88	GS	031				
5100	1983 05 22	12.36	75.31	GS %	005				
5101	1983 05 23	19.07	69.14	GS	170				
5102	1983 06 01	2.45	79.35	GS	038				
5103	1983 06 02	9.51	71.25	GS	343			S	
5104	1983 06 03	18.25	69.70	GS	046				
5105	1983 06 12	3.80	80.84	GS ?	012				
5106	1983 06 18	15.78	72.48	GS *	013				
5107	1983 06 18	15.45	76.12	GS *	012				
5108	1983 06 20	13.25	76.54	GS *	014				
5109	1983 06 21	8.58	74.34	GS	111				
5110	1983 06 21	15.75	73.86	GS *	008				
5111	1983 06 21	13.40	76.81	GS ?	005				
5112	1983 06 22	15.17	72.74	GS *	007				
5113	1983 06 25	8.68	80.00	GS	042				
5114	1983 06 26	17.71	69.87	GS *	035				
5115	1983 06 29	15.47	75.70	GS *	008				
5116	1983 07 08	19.85	70.59	GS *	061				
5117	1983 07 15	17.57	71.36	GS *	023				
5118	1983 07 21	8.56	74.66	GS	027				
5119	1983 07 21	1.22	80.91	GS	070				
5120	1983 07 21	1.15	80.74	GS *	024				
5121	1983 07 22	8.72	80.84	GS	008				
5122	1983 07 22	19.30	69.27	GS *	018				
5123	1983 07 30	13.07	75.17	GS	038				
5124	1983 08 02	15.46	71.92	GS *	006				
5125	1983 08 04	4.02	76.58	GS	025				
5126	1983 08 06	5.69	80.02	GS ?	008				
5127	1983 08 09	8.35	79.83	GS	025				
5128	1983 08 17	16.42	73.62	GS *	007				

## EARTHQUAKE CATALOG OF PERU

II-121

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
5129	1983 08 18	14.93	75.08	GS	050				
5130	1983 08 19	17.06	72.53	GS *	010				
5131	1983 08 21	4.98	76.01	GS	022				
5132	1983 08 22	18.17	70.37	GS *	015	F			
5133	1983 08 25	17.94	71.99	GS ?	005				
5134	1983 09 01	8.78	79.65	GS ?	008				
5135	1983 09 01	17.33	69.93	GS	247	F	5	S	
5136	1983 09 08	1.57	77.79	GS	014				
5137	1983 09 10	18.05	69.58	GS	026				
5138	1983 09 14	3.67	79.25	GS	203				
5139	1983 09 15	17.49	70.83	GS *	006				
5140	1983 09 20	8.03	76.62	GS *	018				
5141	1983 09 21	18.98	69.12	GS	089				
5142	1983 09 24	8.35	74.17	GS *	045				
5143	1983 09 24	14.13	72.72	GS *	027				
5144	1983 09 24	18.35	69.56	GS *	005				
5145	1983 10 11	3.73	79.07	GS	062				
5146	1983 10 16	10.93	74.78	GS *	007				
5147	1983 10 17	3.76	77.59	GS	024				
5148	1983 10 20	12.47	73.00	GS	007				
5149	1983 10 21	16.59	72.08	GS *	005				
5150	1983 10 24	12.85	76.66	GS	175	F			
5151	1983 11 01	11.32	77.99	GS ?	012				
5152	1983 11 02	17.89	69.09	GS	030				
5153	1983 11 03	4.01	79.42	GS	284	F		S	
5154	1983 11 04	19.25	69.46	GS *	011				
5155	1983 11 08	3.82	79.13	GS *	015				
5156	1983 11 12	15.73	74.11	GS	094				
5157	1983 11 13	5.59	77.06	GS	064				
5158	1983 11 14	20.00	68.93	GS *	015				
5159	1983 11 17	13.50	77.08	GS *	005				
5160	1983 11 18	16.44	69.89	GS	012				
5161	1983 11 22	5.01	78.11	GS	053				
5162	1983 11 23	15.09	75.55	GS	068				
5163	1983 11 25	3.77	76.31	GS	208	F	1		
5164	1983 11 27	4.89	76.16	GS *	020				
5165	1983 11 29	17.49	70.35	GS *	029				
5166	1983 12 03	17.59	69.50	GS *	007				
5167	1983 12 10	17.28	69.79	GS	031				
5168	1983 12 10	13.47	76.09	GS ?	010				
5169	1983 12 11	13.84	77.19	GS *	020				
5170	1983 12 16	10.17	74.99	GS	045				
5171	1983 12 19	15.40	74.54	GS	047				

II-122

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
5172	1983 12 19	18.72	71.38	GS ?	005				
5173	1983 12 20	14.38	73.67	GS *	015				
5174	1983 12 23	19.40	69.29	GS *	015				
5175	1983 12 23	19.22	69.40	GS *	018				
5176	1983 12 24	2.16	78.77	GS *	009				
5177	1983 12 25	5.09	73.36	GS	014				
5178	1983 12 30	2.09	77.68	GS *	011				
5179	1983 12 30	16.88	72.71	GS *	012	F	2		
5180	1984 01 04	17.17	69.29	GS	078				
5181	1984 01 13	3.86	78.49	GS	226				
5182	1984 01 14	11.55	74.31	GS	055				
5183	1984 01 16	15.88	73.11	GS *	015				
5184	1984 01 16	15.85	72.98	GS ?	010				
5185	1984 01 17	8.87	71.36	GS	170				
5186	1984 01 17	3.90	81.43	GS	195			S	
5187	1984 01 26	12.24	76.85	GS	095	D			
5188	1984 02 05	19.62	69.59	GS *	013				
5189	1984 02 08	7.26	76.47	GS	032				
5190	1984 02 09	12.84	76.04	GS	110	F			
5191	1984 02 09	14.16	76.19	GS	132				
5192	1984 02 21	1.54	81.06	GS *	017				
5193	1984 02 21	1.53	80.93	GS *	037				
5194	1984 02 22	4.03	80.81	GS *	017				
5195	1984 02 26	17.32	70.53	GS	295	F	5	S	
5196	1984 02 28	17.68	70.70	GS *	008				
5197	1984 03 06	5.31	77.27	GS	062				
5198	1984 03 11	6.45	76.09	GS *	021				
5199	1984 03 18	15.30	71.68	GS *	006				
5200	1984 03 24	10.93	78.60	GS *	014				
5201	1984 03 28	15.54	72.73	GS	049				
5202	1984 04 03	16.03	73.09	GS	050				
5203	1984 04 08	15.68	71.90	GS	042				
5204	1984 04 15	3.68	77.79	GS	191				
5205	1984 04 22	13.97	74.27	GS *	015				
5206	1984 04 22	0.53	78.05	GS *	007				
5207	1984 04 25	17.88	70.82	GS	019	F	2		
5208	1984 04 28	1.78	78.10	GS	156	F			
5209	1984 04 28	2.08	78.69	GS	013				
5210	1984 05 03	9.61	74.44	GS	033				
5211	1984 05 03	13.92	76.33	GS *	008				
5212	1984 05 03	17.38	70.26	GS *	009				
5213	1984 05 05	12.64	77.98	GS	032				
5214	1984 05 05	18.49	69.71	GS	013				

## EARTHQUAKE CATALOG OF PERU

II-123

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
5215	1984 05 08	17.69	69.32	GS	019				
5216	1984 05 08	11.03	76.65	GS	014				
5217	1984 05 09	8.77	74.35	GS	018				
5218	1984 05 11	19.18	69.49	GS *	013				
5219	1984 05 13	3.94	80.83	GS	112				
5220	1984 05 14	14.99	71.48	GS *	010				
5221	1984 05 22	2.40	77.01	GS	019				
5222	1984 05 25	3.73	77.12	GS *	016				
5223	1984 05 25	19.64	69.12	GS *	022				
5224	1984 05 30	15.51	74.56	GS	018				
5225	1984 06 03	7.80	76.78	GS	107				
5226	1984 06 05	7.82	76.71	GS	243				
5227	1984 06 05	7.75	76.70	GS	036				
5228	1984 06 08	5.07	80.11	GS	055				
5229	1984 06 12	17.98	69.79	GS *	012				
5230	1984 06 13	1.81	80.26	GS *	035				
5231	1984 06 14	7.28	76.72	GS *	005				
5232	1984 06 18	15.70	72.49	GS	240	F	4	S	
5233	1984 06 21	19.28	70.40	GS	012				
5234	1984 06 26	8.67	74.40	GS	009				
5235	1984 06 27	19.02	68.47	GS	029				
5236	1984 06 30	2.05	79.02	GS *	006				
5237	1984 07 03	9.11	79.43	GS *	010	F			
5238	1984 07 11	6.51	77.04	GS *	012				
5239	1984 07 17	19.26	69.37	GS *	007				
5240	1984 07 22	14.92	71.74	GS *	006				
5241	1984 07 24	8.43	74.73	GS	139				
5242	1984 07 27	15.71	71.41	GS *	039				
5243	1984 07 29	5.29	76.60	GS *	015				
5244	1984 07 29	16.09	75.29	GS *	019				
5245	1984 07 30	8.35	79.64	GS	012				
5246	1984 07 30	8.54	75.02	GS *	015				
5247	1984 08 01	9.39	78.85	GS	025				
5248	1984 08 03	16.64	73.58	GS	027				
5249	1984 08 07	10.91	79.03	GS	013				
5250	1984 08 09	8.33	74.54	GS *	006				
5251	1984 08 18	14.18	73.57	GS *	009				
5252	1984 08 18	7.72	77.02	GS ?	009				
5253	1984 08 18	18.10	71.14	GS	075				
5254	1984 08 23	15.09	72.08	GS *	034				
5255	1984 08 26	16.23	69.51	GS	173				
5256	1984 08 26	18.89	69.61	GS *	005				

II-124

NO.	DATE <i>yr mo dy</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	SOURCE	QI	CE	MMI	ISO FP	PE
5257	1984 08 28	16.65	71.31	GS ?	005				
5258	1984 08 31	11.26	74.38	GS	077				
5259	1984 09 03	14.82	72.34	PDE	022				
5260	1984 09 12	15.77	71.89	PDE	052	F	3		
5261	1984 09 20	15.06	73.50	PDE	063				
5262	1984 09 30	8.70	74.39	PDE	101				
5263	1984 10 03	6.21	75.84	PDE	057				
5264	1984 10 17	15.98	69.53	PDE	081				
5265	1984 10 22	16.87	73.20	PDE	019	F	3		
5266	1984 11 16	13.90	76.10	PDE	054				
5267	1984 11 20	3.03	80.40	PDE*	016				
5268	1984 11 23	8.16	76.13	PDE*	143				
5269	1984 12 02	16.97	72.90	PDE	009				
5270	1984 12 10	14.86	75.33	PDE	094	F			
5271	1984 12 13	7.25	77.38	PDE*	010				
5272	1984 12 14	16.90	73.25	PDE*	014	F	3		
5273	1984 12 14	19.59	69.62	PDE*	006				
5274	1984 12 16	19.19	69.84	PDE*	008				
5275	1984 12 24	9.53	71.42	PDE	136				
5276	1984 12 27	1.43	77.84	PDE*	034				
5277	1984 12 29	15.63	73.32	PDE*	010				

**TABLE III.**

Twenty subdivisions of seismicity in  $4^{\circ} \times 4^{\circ}$  grids for the region:  $68^{\circ}\text{W}$  to  $84^{\circ}\text{W}$  longitude and  $0^{\circ}$  to  $20^{\circ}\text{S}$  latitude. Within each grid the events are listed after having been sorted by latitude and longitude (Space-Distribution).

**TABLA III.**

Veinte subdivisiones de la sismicidad en cuadrículas de  $4^{\circ} \times 4^{\circ}$  para la región: longitud  $68^{\circ}\text{W}$  a  $84^{\circ}\text{W}$  y latitud  $0^{\circ}$  a  $20^{\circ}\text{S}$ . Dentro de cada cuadrícula los eventos se listan después de haber sido ordenados por latitud y longitud (Distribución Espacial).



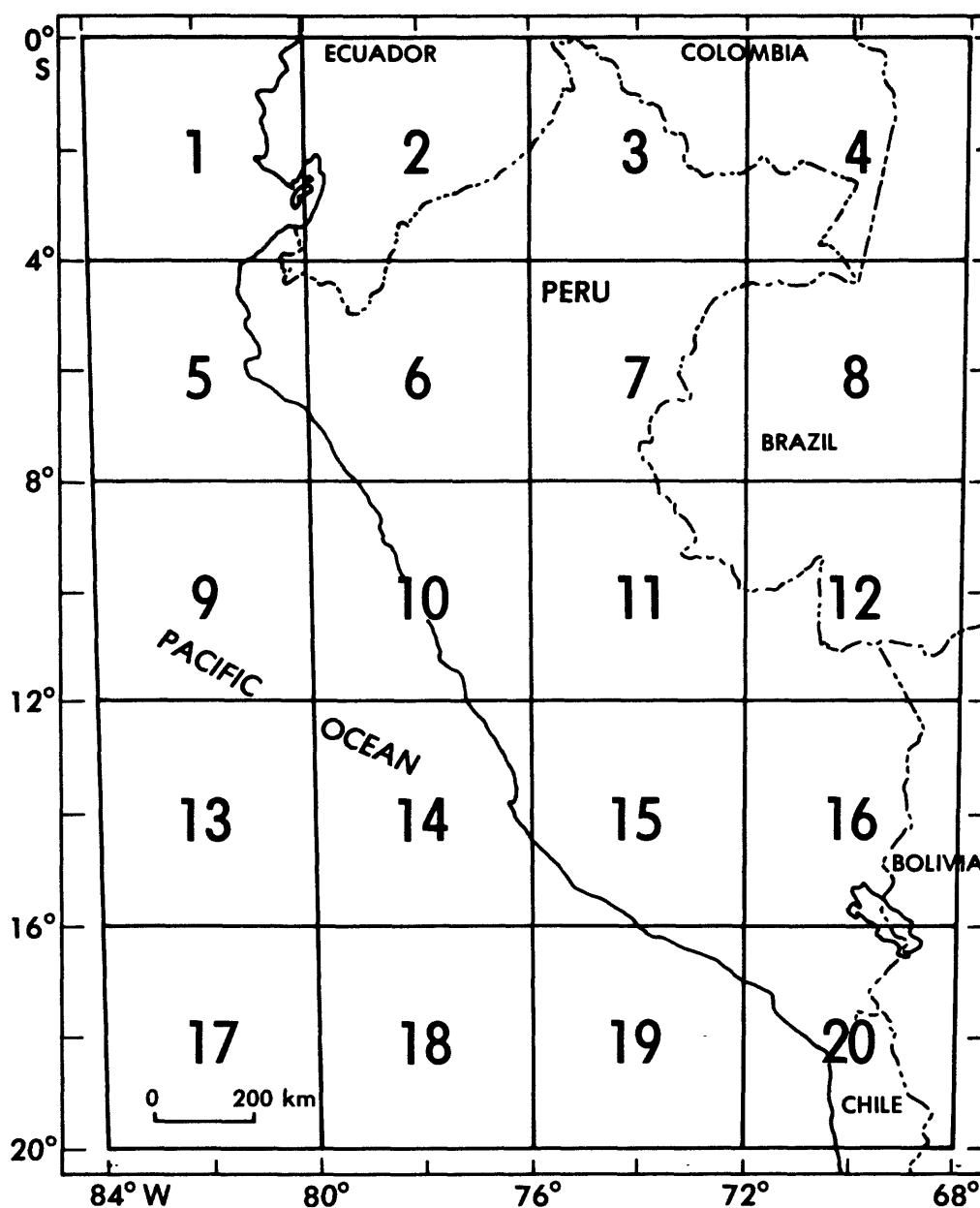


FIGURE 2. Peru and contiguous nations are sub-divided into 20 grids for the region from 68°W to 84°W longitude and from 0° to 20°S latitude. Each grid is 4° × 4°. Scale shown in the lower left corner of figure.

FIGURA 2. El Perú países adyacentes están subdivididos en 20 cuadrículas para la región limitada por las longitudes 68°W a 84°W y por las latitudes 0° a 20°S. Cada cuadrícula es de 4° × 4°. La escala se muestra en la esquina inferior izquierda.

## EARTHQUAKE CATALOG OF PERU

III-1

GRID NO. 1

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
113	1933	11	05	07	11	54.0	0.00	83.00			
114	1933	11	05	08	35	54.0	0.00	83.00			
713	1960	12	10	06	05	36.0	0.00	82.00			
252	1942	11	19	08	51	54.0	0.00	81.50			
253	1942	11	19	09	08	48.0	0.00	81.50			
254	1942	11	19	14	40	0.0	0.00	81.50			
263	1943	03	16	09	47	24.0	0.00	81.50			
264	1943	03	16	09	51	54.0	0.00	81.50			
144	1937	09	08	16	10	30.0	0.00	81.00			
224	1942	06	07	10	48	6.0	0.00	81.00			
242	1942	11	09	21	55	30.0	0.00	81.00			
245	1942	11	12	18	00	0.0	0.00	81.00			
246	1942	11	12	22	30	12.0	0.00	81.00			
247	1942	11	14	06	19	6.0	0.00	81.00			
248	1942	11	14	17	58	54.0	0.00	81.00			
249	1942	11	14	20	57	0.0	0.00	81.00			
250	1942	11	15	00	46	0.0	0.00	81.00			
258	1942	12	16	02	44	42.0	0.00	81.00			
493	1955	04	22	11	03	35.0	0.00	81.00			
516	1956	02	04	02	55	2.0	0.00	81.00			
1563	1966	09	10	16	13	46.4	0.00	81.00	33.0	4.2	
968	1963	08	20	20	14	31.4	0.00	80.90	64.0	4.2	
533	1956	07	28	11	21	43.0	0.00	80.50			
724	1961	01	25	03	46	46.2	0.00	80.20	22.0		
215	1942	05	14	02	54	18.0	0.00	80.00			
216	1942	05	14	08	38	42.0	0.00	80.00			
217	1942	05	14	15	46	42.0	0.00	80.00			
218	1942	05	15	10	50	36.0	0.00	80.00			
219	1942	05	15	11	51	18.0	0.00	80.00			
220	1942	05	15	18	12	0.0	0.00	80.00			
222	1942	05	16	18	58	0.0	0.00	80.00			
227	1942	07	12	05	05	17.0	0.00	80.00			
244	1942	11	12	15	26	12.0	0.10	81.00			
2702	1972	01	13	18	31	20.5	0.14	80.48	38.0	4.8	
2701	1972	01	13	15	53	17.8	0.15	80.51	53.0	4.3	
2340	1970	04	07	17	41	30.0	0.19	80.67	42.0	4.4	
1230	1965	01	26	14	17	49.0	0.20	80.80	33.0	4.7	
4046	1978	08	20	05	04	15.9	0.20	80.54	29.0	3.7	
3733	1976	10	07	22	01	18.5	0.30	80.40	48.0	5.0	
223	1942	05	17	15	14	12.0	0.30	80.00			
3579	1975	10	17	00	56	59.5	0.31	80.63	73.0	4.6	
3590	1975	11	06	17	44	16.3	0.34	80.74	54.0	5.1	
2299	1969	12	31	02	08	53.1	0.36	80.31	58.0	3.9	

## III-2

GRID NO. 1

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1229	1965	01	26	13	48	33.8	0.40	81.10	33.0	4.2	
1248	1965	03	14	15	30	37.1	0.40	80.80	33.0	4.1	
796	1961	09	18	04	52	30.9	0.40	80.40	16.0		
800	1961	10	07	09	55	55.4	0.40	80.40	56.0		
3591	1975	11	06	22	38	50.5	0.41	80.66	55.0	4.8	
2060	1968	09	22	09	06	25.7	0.43	81.38	33.0N	4.1	
3574	1975	10	07	08	25	58.8	0.43	80.65	94.9		
257	1942	12	15	09	09	0.0	0.50	81.50			
271	1943	07	22	02	09	18.0	0.50	81.50			
287	1945	02	02	21	37	48.0	0.50	81.00			
288	1945	02	02	23	27	50.0	0.50	81.00			
578	1958	03	04	01	50	9.0	0.50	81.00			
353	1950	05	28	05	06	26.0	0.50	80.80			
429	1953	04	01	10	49	42.0	0.50	80.80			
430	1953	04	01	11	21	24.0	0.50	80.80			
515	1956	01	16	23	37	37.0	0.50	80.50			7.3 PAS
143	1937	09	04	03	39	36.0	0.50	80.00			
484	1955	01	10	09	38	43.0	0.50	80.00			
2061	1968	09	22	11	17	34.2	0.55	81.41	33.0N	3.9	
255	1942	11	19	16	32	48.0	0.60	81.70			
256	1942	11	25	08	10	7.0	0.60	81.70			
1115	1964	05	19	23	03	41.8	0.70	80.20	54.0	5.4	
2062	1968	09	22	15	42	23.8	0.72	81.70	33.0N	4.0	
214	1942	05	14	02	13	18.0	0.75	81.50	25.0A		8.3 PAS
3175	1974	01	13	04	55	28.8	0.79	80.69	50.0	4.2	
1215	1965	01	06	16	30	36.9	0.80	81.50	19.0	4.6	
3424	1974	11	17	11	55	10.5	0.88	80.36	61.5		
2470	1970	11	06	07	33	29.2	0.90	80.97	33.0N	4.5	
893	1962	12	21	21	27	51.6	0.90	80.90	33.0		
844	1962	05	04	23	08	5.3	0.90	80.80	74.0		
1116	1964	05	20	03	25	5.1	0.90	80.40	33.0	4.7	
802	1961	10	14	21	18	3.4	0.90	80.30	25.0N		
2442	1970	08	14	04	40	7.0	0.93	80.50	44.0	4.0 ISC	
2172	1969	05	20	13	04	53.9	0.99	80.52	50.0	4.2	
146	1937	09	15	00	50	18.0	1.00	82.00			
267	1943	04	28	17	23	42.0	1.00	82.00			
295	1945	07	16	12	33	30.0	1.00	82.00			
621	1959	02	16	00	53	54.0	1.00	81.50			
622	1959	02	16	01	14	52.0	1.00	81.50			
160	1938	02	08	16	00	48.0	1.00	81.00			
1909	1968	04	23	13	48	38.5	1.00	80.60	32.0	4.3	
623	1959	02	17	02	51	56.0	1.00	80.50			
164	1938	08	10	02	02	6.0	1.00	80.00			

## EARTHQUAKE CATALOG OF PERU

## III-3

## GRID NO. 1

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3850	1977	05	18	05	55	13.4	1.08	81.48	33.0A		
3485	1975	03	19	13	07	5.1	1.09	80.88	39.0	4.4	
1358	1965	10	10	16	46	19.1	1.10	81.70	33.0	4.5	
894	1982	12	22	06	35	57.1	1.10	81.00	33.0		
1367	1965	10	25	11	17	26.7	1.10	81.00	33.0	4.3	
1910	1968	04	24	02	54	20.0	1.10	80.30	63.0	3.9	
3580	1975	10	17	23	26	59.8	1.11	81.08	285.8		
1818	1967	10	14	01	07	15.0	1.11	80.40	82.0	4.0	ISC
3845	1977	05	14	09	16	6.0	1.11	80.89	62.4	4.7	GS
1707	1967	04	19	06	26	59.0	1.12	80.90	58.0	4.5	
1706	1967	04	18	09	48	50.2	1.15	80.89	47.0	4.2	
5120	1983	07	21	07	03	31.4	1.15	80.74	33.0N	4.8	
4214	1979	09	05	07	13	2.6	1.16	81.03	25.0A	4.3	
2753	1972	04	13	12	07	54.5	1.21	81.19	11.7	4.2	
5119	1983	07	21	06	46	2.9	1.22	80.91	34.4D	5.0	4.5 Z
2546	1970	12	27	23	08	42.4	1.23	80.81	42.0	4.7	
1444	1966	03	04	10	25	4.3	1.23	80.10	33.0	3.7	ISC
3834	1977	05	08	18	00	0.0	1.23	81.10	42.0	5.1	4.6 Z
3833	1977	05	08	16	45	16.0	1.25	81.07	27.0	5.1	4.9 Z
3837	1977	05	09	04	48	46.2	1.25	80.92	41.0	4.8	
2550	1971	01	01	16	55	23.7	1.28	80.81	38.0	4.3	
1436	1966	02	20	10	51	20.2	1.30	80.50	125.0	4.5	
879	1962	10	11	06	22	50.6	1.30	80.40	75.0		
2752	1972	04	13	06	38	11.8	1.30	81.43	0.0A		
2523	1970	12	14	07	32	52.5	1.31	80.91	33.0N	5.4	5.7 H 5.8 BRK
3841	1977	05	10	23	56	32.8	1.32	81.09	52.0A	4.9	GS
2524	1970	12	14	08	01	42.8	1.35	80.88	33.0N	4.8	
620	1959	02	16	00	39	32.0	1.36	81.25			
2974	1973	03	09	11	54	18.5	1.36	80.42	59.0	4.1	
2306	1970	01	18	23	32	58.4	1.37	80.60	72.0	4.2	
1362	1965	10	12	15	10	46.8	1.40	80.90	33.0	4.4	
1352	1965	09	27	03	15	55.3	1.40	80.60	86.0	4.6	
1284	1965	06	06	21	41	37.2	1.40	80.50	54.0	4.3	
2527	1970	12	14	10	46	26.4	1.46	80.92	33.0N	4.2	
3835	1977	05	08	19	29	56.2	1.48	81.18	108.9		
3856	1977	05	22	10	24	23.9	1.49	80.83	65.0	4.4	
3851	1977	05	21	12	02	22.1	1.50	80.90	33.0N	4.7	
619	1959	02	15	23	26	17.0	1.50	81.50			
793	1961	09	08	06	07	52.4	1.50	80.90	33.0N		
1510	1966	06	16	12	27	50.2	1.50	80.60	32.0	4.1	
414	1952	06	22	04	07	56.0	1.50	80.50			
564	1957	09	14	17	06	49.0	1.50	80.50			

## III-4

## GRID NO. 1

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1643	1966	12	08	11	34	29.2	1.50	80.50	98.0	4.5	
563	1957	09	10	14	43	5.0	1.50	80.00	400.0		
5193	1984	02	21	03	38	33.0	1.53	80.93	33.0N	4.9	
2528	1970	12	14	15	29	30.0	1.53	80.81	62.0	4.7	
5192	1984	02	21	03	20	45.0	1.54	81.06	33.0N	4.7	
4056	1978	09	26	13	39	4.1	1.55	80.87	33.0N	4.7	
3059	1973	07	14	01	57	23.8	1.57	80.76	0.0A		
2411	1970	06	22	02	11	54.0	1.57	80.60	54.0	4.6	ISC
3267	1974	06	04	11	19	32.4	1.57	80.34	110.0	4.6	
3854	1977	05	21	20	26	6.0	1.59	80.97	37.0	4.3	
553	1957	03	12	21	22	58.0	1.59	80.15	60.0		
3852	1977	05	21	14	14	41.3	1.59	80.91	48.0	5.0	4.7 Z
1366	1965	10	23	16	00	45.0	1.60	81.00	152.0	4.2	
933	1963	05	23	03	57	43.8	1.60	80.80	90.0	4.6	
2531	1970	12	17	07	10	29.0	1.60	80.70	46.0	4.4	ISC
1642	1966	12	07	18	23	9.3	1.60	80.30	80.0	4.2	
3313	1974	08	17	08	19	49.1	1.62	81.10	50.0	4.7	
310	1946	03	29	07	26	4.0	1.70	80.80			
3855	1977	05	22	03	02	12.7	1.75	81.19	33.0A		
110	1933	10	03	10	21	20.0	1.75	80.75			6.3 PAS
111	1933	10	03	14	21	49.0	1.75	80.75			6.0 PAS
3252	1974	05	13	22	26	1.0	1.75	80.69	0.0A		
2557	1971	01	07	07	29	41.7	1.77	80.74	44.0	4.5	
792	1961	09	08	05	57	37.5	1.80	81.40	33.0N		
5230	1984	06	13	05	47	7.1	1.81	80.26	47.7D	4.8	3.1 Z
3857	1977	05	26	06	19	40.8	1.85	81.20	10.0	5.0	5.1 Z
4539	1981	05	06	21	36	6.8	1.89	80.89	33.0N	6.0	6.4 Z 6.0 BRK
1401	1965	12	25	07	21	53.8	1.90	81.50	44.0	4.5	
156	1938	02	08	05	38	18.0	1.90	81.20			
3535	1975	06	27	09	17	54.6	1.92	80.99	41.0	4.5	
4365	1980	08	18	15	07	52.6	1.95	80.02	55.0D	5.6	6.1 PAS 5.6 BRK
3493	1975	04	07	01	39	50.5	1.96	80.30	62.0	4.9	
158	1938	02	08	10	56	54.0	2.00	83.00			
1	1901	01	07	00	29	0.0	2.00	82.00	25.0A		7.8 PAS
106	1933	10	02	15	29	21.0	2.00	81.00			6.9 PAS
424	1953	01	13	07	37	59.0	2.00	81.00			
561	1957	08	26	13	58	48.0	2.00	81.00			6.0 PAS
1838	1967	11	15	18	37	31.0	2.00	81.00	33.0	4.7	
898	1963	01	06	06	17	25.7	2.00	80.80	32.0		
259	1943	01	30	05	33	3.0	2.00	80.50	100.0		6.9 PAS
351	1950	05	12	23	30	1.0	2.00	80.50			

## EARTHQUAKE CATALOG OF PERU

III-5

GRID NO. 1

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
683	1960	06	21	14 05 57.0	2.00	80.50			
35	1924	07	22	04 04 18.0	2.00	80.00	250.0		6.5 PAS
308	1945	11	28	07 37 15.0	2.00	80.00			
341	1949	11	14	02 10 10.0	2.00	80.00			
491	1955	04	08	13 11 30.0	2.00	80.00			
4471	1981	03	09	22 03 4.0	2.02	80.16	76.0	4.9	
4538	1981	05	06	21 34 48.8	2.03	80.98	33.0N	5.3	6.3 ISC
3280	1974	06	23	07 34 16.2	2.04	80.45	62.0	4.4	
4540	1981	05	07	20 38 22.4	2.06	80.99	43.7	4.5	
3997	1978	04	23	01 58 49.1	2.09	81.10	33.0N	4.8	3.7 Z
4366	1980	08	20	20 32 8.2	2.10	80.19	44.0D	4.6	
107	1933	10	02	19 24 33.0	2.10	81.20			
108	1933	10	02	21 55 27.0	2.10	81.20			
109	1933	10	02	23 33 44.0	2.10	81.20			
112	1933	10	05	15 06 26.0	2.10	81.20			
157	1938	02	08	07 16 6.0	2.10	81.20			
4443	1981	01	03	04 05 58.4	2.12	80.28	60.1	4.2	
4142	1979	04	22	07 35 43.5	2.17	80.63	53.0	4.3	
1017	1963	11	16	18 06 55.0	2.20	80.00	59.0	4.6	
2573	1971	02	01	20 34 25.6	2.21	80.61	33.0N	4.1	
4467	1981	03	04	08 38 20.4	2.34	81.08	33.0A	4.6	
3861	1977	05	28	07 27 10.6	2.39	80.13	33.0N	4.5	
1748	1967	06	24	07 16 40.6	2.40	80.00	111.0	4.1	
2276	1969	11	11	02 45 29.8	2.41	80.20	62.0	4.1	
4195	1979	07	27	05 27 37.2	2.45	80.88	33.0N		
695	1960	09	10	05 17 24.0	2.50	82.00			
162	1938	02	14	15 22 6.0	2.50	81.90			
159	1938	02	08	14 21 24.0	2.50	81.50			
212	1941	12	31	17 36 6.0	2.50	81.50			
1051	1964	01	23	11 38 51.9	2.50	80.10	418.0	3.6	
260	1943	02	08	20 10 36.0	2.50	80.00			
3517	1975	05	22	06 12 46.2	2.52	80.37	0.0A	4.1	
3265	1974	06	01	21 11 26.1	2.59	80.20	34.0	4.9	4.1 H
742	1961	04	08	03 06 49.9	2.60	81.00	25.0N		
3716	1976	09	01	20 34 25.1	2.63	80.18	131.3		
2345	1970	04	25	19 24 57.0	2.68	81.98	20.0	5.1	
1135	1964	06	23	02 04 41.8	2.70	80.00	58.0	5.2	
4281	1980	02	15	21 19 42.4	2.79	80.26	71.0	4.3	
748	1961	04	22	19 01 34.4	2.80	80.80	30.0		5.8 MAT
1091	1964	04	01	04 26 52.7	2.80	80.10	35.0	4.5	
3651	1976	05	05	02 39 43.9	2.85	80.47	41.3		
2050	1968	09	09	19 57 39.9	2.89	80.83	56.0	4.5	
2329	1970	03	06	02 28 14.5	2.89	80.08	33.0	4.2	

## III-8

GRID NO. 1

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1466	1966	04	15	10 14 58.7	2.90	80.40	37.0	4.0	
832	1962	03	12	16 57 46.8	2.90	80.20	25.0		
4258	1979	12	31	19 28 23.0	2.90	81.94	33.0A	4.2	
3273	1974	06	12	21 55 59.9	2.97	80.25	127.0	4.1	
652	1959	08	12	02 00 52.0	3.00	80.50			
757	1961	06	02	18 26 12.6	3.00	80.40	37.0		
331	1949	07	13	09 59 17.0	3.00	80.00			
5267	1984	11	20	14 26 28.1	3.03	80.40	33.0N	4.8	
2764	1972	05	01	23 03 17.4	3.05	81.97	0.0A		
4589	1981	06	27	21 54 14.6	3.05	80.33	49.0D	5.1	4.5 ISC
754	1961	05	21	17 41 28.2	3.10	80.90	27.0		6.5 PAL
964	1963	08	13	12 39 55.3	3.10	80.40	66.0	4.3	
4023	1978	06	18	11 07 45.1	3.15	81.50	103.0	4.5	
2297	1969	12	23	17 27 47.7	3.26	80.71	44.0	4.3	
1219	1965	01	10	03 43 44.5	3.30	81.40	78.0	4.8	
3153	1973	11	22	07 23 45.2	3.31	80.24	0.0A		
4892	1982	07	25	19 22 35.2	3.37	80.59	42.0D	4.7	
4242	1979	11	26	21 05 47.7	3.39	80.72	53.0	5.1	
776	1961	08	14	01 56 56.2	3.40	81.30	35.0		
368	1950	10	05	23 07 49.0	3.40	80.60			
444	1953	12	12	17 31 25.0	3.40	80.60			7.8 PAS
2220	1969	08	06	03 50 44.0	3.48	80.20	34.0	4.6 ISC	
497	1955	05	21	15 17 6.0	3.50	81.50			
1422	1966	01	28	21 25 22.4	3.50	81.30	33.0	4.5	
443	1953	12	12	16 35 10.0	3.50	81.00			
486	1955	02	07	16 50 42.0	3.50	81.00			
579	1958	03	07	00 59 18.0	3.50	81.00			
1417	1966	01	18	10 25 59.3	3.60	80.90	75.0	4.5	
1195	1964	11	29	03 24 28.8	3.60	80.60	33.0	4.8	
3528	1975	06	10	16 30 42.2	3.62	80.92	49.0	5.1	
4604	1981	07	13	22 53 55.2	3.63	81.32	33.0A	4.4	
2808	1972	06	25	17 16 29.2	3.69	81.08	0.0A		
617	1959	02	07	09 36 54.0	3.70	81.71			7.4 PAS
4473	1981	03	13	18 09 26.0	3.71	82.06	33.0N		
2613	1971	05	27	18 36 19.3	3.71	80.54	72.8	4.2	
4035	1978	07	28	10 32 34.0	3.72	80.41	33.0A	4.0	
2504	1970	12	11	03 57 21.1	3.74	80.61	34.0D	4.7	
4309	1980	04	05	19 56 14.6	3.74	81.59	60.3		
3768	1976	12	27	06 22 29.0	3.76	80.72	65.0	4.9	
2866	1972	09	04	23 32 24.3	3.77	80.61	63.0	5.4	
2234	1969	09	01	18 03 12.1	3.77	80.60	57.0	4.7	
3656	1976	05	13	03 59 19.7	3.77	81.13	33.0N	4.4	
4177	1979	06	12	21 32 51.5	3.77	80.79	47.0D	5.0	

## EARTHQUAKE CATALOG OF PERU

III-7

GRID NO. 1

GRID NO. 1

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2490	1970	12	10	05	26	52.9	3.78	80.61	33.0D	4.8	
2492	1970	12	10	05	45	46.9	3.78	80.72	33.0N	4.6	
2513	1970	12	12	14	58	35.1	3.80	80.57	33.0N	4.5	
1462	1966	04	06	12	24	51.9	3.80	81.70	33.0	4.1	
1058	1964	02	04	07	38	2.8	3.80	80.80	61.0	4.4	
2540	1970	12	23	02	38	45.0	3.80	80.80	23.0	4.0 ISC	
5105	1983	06	12	15	24	26.0	3.80	80.84	57.2	4.4	
2771	1972	05	13	14	24	24.7	3.82	80.71	40.0	4.9	
2677	1971	10	28	06	30	32.3	3.86	80.65	51.0D	5.2	
2489	1970	12	10	05	15	22.5	3.86	80.54	33.0N	4.7	
2547	1970	12	29	02	22	11.8	3.86	80.76	50.0D	4.5	
3078	1973	07	30	23	35	42.2	3.87	80.88	64.0	4.3	
2684	1971	11	06	12	07	4.7	3.87	80.86	61.0	4.9	
2544	1970	12	27	03	10	5.3	3.87	80.91	33.0N	4.8	
2562	1971	01	10	22	38	32.8	3.87	80.86	64.0	4.9	
2581	1971	03	17	08	08	46.6	3.87	81.02	30.0G	4.4	
2554	1971	01	05	10	55	35.2	3.88	80.92	37.0	4.7	
2493	1970	12	10	06	51	17.9	3.88	80.77	32.0D	4.7	
2494	1970	12	10	09	18	50.0	3.89	80.72	33.0N	4.7	
2632	1971	07	09	20	46	32.6	3.89	80.68	65.0	4.7	
2499	1970	12	10	13	47	37.1	3.89	80.73	33.0D	4.4	3.8 ISC
4634	1981	08	19	14	29	43.6	3.89	80.97	32.0D	5.2	
2495	1970	12	10	09	59	0.9	3.89	80.74	33.0D	4.7	
2549	1970	12	29	08	01	59.3	3.90	80.90	47.0	5.8	
2551	1971	01	02	08	37	4.4	3.90	80.79	66.0	4.4	
1277	1965	05	20	09	55	13.8	3.90	80.80	38.0	4.5	5.2 H
2642	1971	08	18	19	07	17.4	3.90	80.90	30.0D	5.1	
2512	1970	12	12	13	13	40.9	3.90	80.76	33.0D	4.4	
2500	1970	12	10	17	29	39.4	3.90	80.77	32.0D	5.0	
4564	1981	06	05	23	34	54.6	3.90	80.71	37.0D	5.3	
5186	1984	01	17	16	19	3.4	3.90	81.43	18.2	5.9	4.9 Z
2344	1970	04	25	05	54	53.6	3.90	80.07	84.0	4.7	
2542	1970	12	25	08	03	40.8	3.91	81.09	33.0N	4.1	
2559	1971	01	09	03	22	16.6	3.91	80.97	26.0D	4.1	
2535	1970	12	21	07	21	44.7	3.92	80.74	30.0D	4.9	
2681	1971	11	04	03	33	53.7	3.93	80.83	40.0	4.3	
5219	1984	05	13	23	53	29.6	3.94	80.83	34.7D	5.3	
2534	1970	12	18	22	14	7.1	3.94	81.17	34.0D	4.5	
2502	1970	12	10	21	46	41.7	3.94	80.81	34.0D	5.0	
2526	1970	12	14	09	41	35.7	3.95	80.67	52.0D	4.8	
2505	1970	12	11	10	01	21.5	3.95	80.88	33.0N	4.6	5.4 H
2506	1970	12	11	10	24	36.2	3.95	80.72	37.0D	5.7	
											5.4 BRK



## III-8

## GRID NO. 1

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2491	1970	12	10	05	32	49.7	3.95	80.73	33.0D	5.4	4.4 H
2577	1971	02	11	17	08	46.3	3.95	80.81	66.0	4.9	
2538	1970	12	22	01	48	30.2	3.96	80.82	33.0D	5.5	
2536	1970	12	21	07	33	15.5	3.96	80.81	32.0D	5.1	
3144	1973	11	09	22	41	27.7	3.97	80.97	31.0	5.6	
2518	1970	12	13	00	50	53.7	3.97	80.74	33.0N	4.6	7.6 H 7.1 BRK
2556	1971	01	05	11	35	30.5	3.97	80.90	66.0	4.5	
2522	1970	12	14	06	23	36.0	3.97	80.74	52.0D	4.7	
2558	1971	01	08	01	00	4.7	3.97	80.39	37.0	4.4	
2519	1970	12	13	17	01	11.5	3.98	81.03	33.0N	4.3	
2521	1970	12	13	23	36	54.7	3.98	80.88	33.0N	4.6	6.8 PAS
2497	1970	12	10	11	37	42.4	3.98	80.79	32.0D	5.4	
2508	1970	12	11	21	00	41.9	3.99	80.81	31.0	4.8	
2487	1970	12	10	04	34	38.8	3.99	80.72	25.0D	6.3	
3991	1978	04	16	15	50	26.8	3.99	83.01	33.0A	4.5	
2510	1970	12	12	04	35	14.3	4.00	80.71	33.0N	4.7	5.0 BRK
618	1959	02	11	19	57	5.0	4.00	82.50			
33	1924	03	11	22	44	23.0	4.00	82.00	60.0		
1741	1967	06	18	13	10	54.3	4.00	81.10	58.0	4.3	
629	1959	04	03	19	33	50.0	4.00	81.00			
641	1959	06	22	03	22	51.0	4.00	81.00			5.0 BRK
1454	1966	03	28	15	29	21.2	4.00	80.90	39.0	5.6	
1458	1966	03	28	20	29	32.7	4.00	80.90	25.0	4.6	
1455	1966	03	28	17	42	44.2	4.00	80.80	20.0	5.5	
1456	1966	03	28	18	20	11.0	4.00	80.70	45.0	4.1	
1457	1966	03	28	18	56	19.7	4.00	80.70	39.0	4.3	6.0 PAS
660	1959	10	30	05	20	36.0	4.00	80.50			
1057	1964	02	04	06	24	49.5	4.00	80.40	164.0	4.0	
121	1935	03	08	11	59	14.0	4.00	80.00	100.0		
503	1955	08	10	07	45	49.0	4.00	80.00	100.0		

## EARTHQUAKE CATALOG OF PERU

III-9

GRID NO. 2

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
483	1955 01 05	15 35 8.0	0.00	78.00			
495	1955 05 11	11 04 0.0	0.00	78.00			6.8 PAS
3587	1975 10 29	14 41 27.5	0.00	77.90	71.0	4.1	
38	1925 06 23	16 46 58.0	0.00	77.00	180.0		6.8 PAS
4263	1980 01 03	23 08 32.6	0.12	77.97	33.0A		
4320	1980 05 08	15 44 9.6	0.15	77.59	25.3		
5008	1982 11 26	23 56 43.7	0.18	77.86	108.1	4.5	
1130	1964 06 09	18 16 13.7	0.20	78.90	48.0	4.6	
1055	1964 01 31	21 46 31.7	0.20	77.90	33.0	4.6	
2434	1970 07 18	19 58 49.9	0.22	78.58	58.0	4.6	
1681	1967 03 02	02 47 32.4	0.23	78.61	124.0	5.8	5.0 BRK
2444	1970 08 16	13 03 26.7	0.29	78.86	35.0G	4.3	
2152	1969 04 02	03 07 18.0	0.32	78.38	33.0	4.0 ISC	
2766	1972 05 08	12 21 20.5	0.36	76.28	0.0A		
3727	1976 10 02	16 16 3.3	0.37	77.66	33.0A		
2943	1973 01 13	07 47 27.8	0.46	77.96	25.0	4.4	
1420	1966 01 20	21 31 24.5	0.50	79.70	53.0	4.1	
286	1944 09 15	19 20 6.0	0.50	79.00			
5206	1984 04 22	18 57 37.8	0.53	78.05	33.0N	4.6	
2755	1972 04 19	10 57 32.1	0.56	77.42	33.0	4.4	
1828	1967 10 30	02 52 6.4	0.59	78.54	33.0	4.5 ISC	
4322	1980 05 16	02 52 54.3	0.59	78.98	11.0	4.7	
3729	1976 10 05	16 36 29.1	0.63	78.74	33.0N	5.2	
4268	1980 01 13	00 29 7.1	0.63	78.90	131.0	4.7	
3254	1974 05 17	08 42 6.9	0.63	78.51	70.0	4.6	
3806	1977 03 17	16 58 41.6	0.65	78.77	33.0N	4.5	
2439	1970 08 07	03 48 5.4	0.66	79.87	89.0	4.2	
2292	1969 12 17	07 05 24.6	0.66	78.03	19.0	4.5	
4018	1978 06 07	08 00 34.2	0.67	78.35	12.0	4.9	4.2 Z
3497	1975 04 11	09 18 59.0	0.69	78.75	33.0A		
1110	1964 05 12	08 27 4.3	0.70	77.20	33.0	4.0	
235	1942 08 31	06 39 24.0	0.70	77.00			
3432	1974 11 26	13 55 1.6	0.71	79.18	103.3	4.2 GS	
4887	1982 07 20	04 15 44.3	0.71	78.60	58.6		
1824	1967 10 22	06 39 5.3	0.72	78.70	33.0	3.9 ISC	
3556	1975 08 10	10 04 49.7	0.73	78.86	33.0A		
3728	1976 10 04	23 36 11.1	0.75	78.60	55.0	5.1	
3730	1976 10 06	09 12 38.9	0.75	78.78	33.0N	5.7	
555	1957 04 25	04 17 55.0	0.75	78.75			
4472	1981 03 10	06 51 1.8	0.77	77.41	49.1	4.5	
2293	1969 12 17	07 13 6.2	0.77	78.34	27.0	4.2	
3736	1976 10 10	06 19 24.2	0.79	78.61	51.0	4.8	
2829	1972 07 17	09 16 48.8	0.79	76.64	133.2		

## III-10

## GRID NO. 2

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1528	1966	07	25	01	06	56.0	0.80	78.40	51.0	3.9	
1463	1966	04	09	07	53	11.6	0.80	78.10	30.0	3.9	
3766	1976	12	26	04	18	35.5	0.81	77.63	33.0N	5.2	
3731	1976	10	06	10	45	23.1	0.84	79.06	15.2	4.7	GS
2631	1971	07	08	08	02	37.2	0.90	78.46	28.0	4.1	
2027	1968	08	02	07	33	1.0	0.94	78.13	41.0	4.0	
1725	1967	05	18	07	48	51.8	0.96	78.78	14.0	4.4	
3732	1976	10	06	15	44	28.9	0.98	78.78	93.2	4.8	GS
2599	1971	05	09	14	53	22.1	0.99	77.71	127.2		
53	1927	06	10	17	08	12.0	1.00	79.00			
963	1963	08	11	06	30	36.5	1.00	78.90	33.0	4.0	
1733	1967	06	07	11	39	49.1	1.00	78.70	26.0	4.4	
887	1962	11	16	06	39	8.2	1.00	78.60	33.0		
678	1960	04	29	12	47	16.0	1.00	78.50			
1123	1964	06	01	09	20	58.1	1.00	78.10	33.0	4.0	
614	1959	01	26	17	46	51.0	1.00	77.00	200.0		
2939	1972	12	26	04	24	53.2	1.07	78.72	6.0	4.4	
2221	1969	08	08	07	47	27.3	1.09	78.68	16.0	4.6	
161	1938	02	09	12	26	42.0	1.10	79.60			
1896	1968	03	21	21	24	49.4	1.10	78.70	39.0	4.2	
1774	1967	07	29	09	48	32.5	1.10	78.50	28.0	4.0	
1840	1967	11	19	06	58	54.7	1.10	78.30	6.0	4.2	
1204	1964	12	09	19	12	21.1	1.10	77.40	242.0	4.5	
3035	1973	06	06	08	40	28.1	1.11	76.07	0.0A		
3395	1974	10	21	07	15	7.1	1.12	78.64	4.0A	3.9	
2654	1971	09	16	15	49	35.8	1.14	78.78	15.0	4.6	
4408	1980	11	12	08	19	48.5	1.14	77.82	33.0A	4.1	
2892	1972	10	12	04	40	30.9	1.14	79.13	0.0A	4.5	
4770	1982	01	22	22	43	56.2	1.20	77.20	254.0	4.9	
1626	1966	11	11	20	17	46.7	1.20	79.20	120.0	4.0	
908	1963	02	27	00	10	1.3	1.20	79.00	33.0	4.3	
885	1962	11	11	03	52	19.4	1.20	78.80	59.0		
1259	1965	04	14	08	23	34.7	1.20	78.80	59.0	4.6	
1086	1964	03	23	03	35	44.9	1.20	78.70	68.0	4.2	
1533	1965	08	01	09	48	2.5	1.20	78.60	61.0	4.7	
357	1950	06	22	20	43	3.0	1.20	78.50	96.0		
1243	1965	03	06	04	43	7.1	1.20	78.40	13.0	4.3	
1144	1964	07	05	01	06	28.4	1.20	78.30	112.0	4.0	
850	1962	06	21	15	40	23.4	1.20	77.40	194.0		
2177	1969	05	28	09	52	35.8	1.23	77.26	201.0	4.0	
2080	1968	11	09	23	23	36.2	1.23	77.52	216.0D	4.5	
4097	1979	01	17	02	12	50.9	1.24	77.78	189.0	4.8	
1659	1967	01	03	04	55	57.5	1.25	77.68	195.0	4.3	

## EARTHQUAKE CATALOG OF PERU

III-11

GRID NO. 2

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3745	1976	10	27	00	05	49.9	1.26	77.95	41.8	5.2	
4032	1978	07	22	07	40	3.2	1.28	77.71	193.0	4.6	
3635	1976	03	19	08	21	52.3	1.29	77.75	186.0	4.9	
1263	1965	04	26	08	39	3.9	1.30	77.80	193.0	4.8	
3032	1973	06	04	13	14	29.8	1.31	77.79	177.0	4.3	
2095	1968	12	04	15	41	37.6	1.32	78.42	31.0	4.3	
2601	1971	05	13	10	40	46.0	1.34	78.28	16.0	4.7	
3696	1976	07	15	23	05	15.5	1.35	77.78	191.0	4.5	
4547	1981	05	13	03	58	11.0	1.36	78.43	33.0N	4.7	
1700	1967	04	02	11	42	43.7	1.37	79.38	143.0	3.9	
2073	1968	10	30	15	56	23.1	1.37	77.34	163.0	3.9	
2696	1971	12	21	10	52	19.0	1.38	77.73	168.0	4.4	
4390	1980	10	08	22	01	34.8	1.38	77.69	190.0D	5.5	
4801	1982	03	06	01	27	31.5	1.38	77.69	194.0	4.7	
3138	1973	11	04	21	06	55.3	1.40	79.53	33.0N	4.5	
1326	1965	08	09	08	40	29.8	1.40	78.70	132.0	5.1	
1235	1965	02	11	16	10	30.4	1.40	77.80	190.0	5.1	
4733	1981	12	06	04	31	7.6	1.40	77.65	189.0D	4.7	
1750	1967	06	25	05	56	52.5	1.40	76.50	33.0	3.9	
2486	1970	12	09	16	28	33.4	1.40	77.66	178.0D	5.0	
4067	1978	11	09	00	36	56.3	1.42	77.89	182.0	4.8	
4145	1979	04	30	01	04	20.4	1.42	77.64	197.0	4.5	
3756	1976	11	26	23	43	40.8	1.42	77.67	196.0	4.8	
4080	1978	12	18	13	37	31.2	1.42	77.63	168.0	4.4	
5276	1984	12	27	08	07	44.6	1.43	77.84	190.4	4.8	
4348	1980	06	29	19	41	39.2	1.43	77.31	227.0		
4528	1981	04	29	17	51	45.3	1.43	77.38	188.0	4.1	
1682	1967	03	05	10	13	30.1	1.43	77.81	213.0	3.7	
3011	1973	04	28	12	21	11.7	1.44	79.88	109.0	5.5	
2948	1973	01	25	13	06	8.9	1.44	77.62	186.0	4.7	
3546	1975	07	29	01	12	47.3	1.44	77.87	180.0	4.6	
3164	1973	12	10	19	28	13.2	1.44	77.74	181.0D	5.3	
4851	1982	05	14	06	21	59.9	1.45	78.03	164.7	4.0	
3625	1976	02	19	02	28	32.4	1.45	77.73	185.0	4.5	
4360	1980	07	29	11	43	44.6	1.45	77.77	192.0	4.5	
4135	1979	03	26	16	07	0.6	1.45	77.43	174.0	4.4	
2746	1972	04	09	21	42	20.1	1.47	77.94	175.0	4.6	
2744	1972	04	06	15	26	15.3	1.49	77.90	176.0	5.2	
1042	1964	01	03	22	12	9.0	1.50	79.30	33.0	4.4	
467	1954	07	26	19	09	0.0	1.50	79.00			
586	1958	05	17	18	23	12.0	1.50	79.00			
689	1960	07	30	02	04	48.0	1.50	79.00			
335	1949	08	05	19	08	47.0	1.50	78.25	60.0		6.8 PAS

5.0 ISC

6.8 PAS

## III-12

## GRID NO. 2

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1160	1964	08	24	10	37	23.4	1.50	78.10	173.0	5.1	
1316	1965	07	30	16	32	36.9	1.50	78.10	167.0	4.7	
1423	1966	01	31	13	54	27.2	1.50	78.00	196.0	4.6	
1480	1966	05	15	20	16	4.1	1.50	78.00	195.0	4.1	
977	1963	09	17	07	34	38.7	1.50	77.90	178.0	4.0	
882	1962	11	01	11	31	48.7	1.50	77.80	181.0		
1815	1967	10	06	14	45	19.4	1.50	77.80	167.0	4.1	
915	1963	03	30	09	23	13.9	1.50	77.70	154.0	4.5	
1343	1965	09	17	11	13	56.4	1.50	77.70	191.0	6.2	6.5 PAS
1397	1965	12	12	22	25	14.7	1.50	77.60	201.0	5.6	
1548	1966	08	24	20	10	8.6	1.50	77.50	200.0	4.9	
876	1962	10	06	14	05	24.0	1.50	77.40	149.0		
1760	1967	07	13	21	01	35.7	1.50	77.40	199.0	4.6	
602	1958	09	22	11	32	54.0	1.50	77.00	200.0		
141	1937	07	19	19	35	24.0	1.50	76.50	190.0		7.1 PAS
8	1919	07	24	04	43	55.0	1.50	76.00			
31	1924	01	26	02	06	10.0	1.50	76.00			
55	1927	10	19	14	41	45.0	1.50	76.00			
68	1928	07	03	07	46	50.0	1.50	76.00			
4994	1982	11	16	19	46	48.8	1.50	78.39	33.0A	4.7	
2842	1972	07	29	16	02	47.5	1.50	77.93	171.0D	4.7	
3770	1977	01	13	03	27	22.2	1.54	77.67	181.0	4.7	
5037	1982	12	31	17	09	8.2	1.55	78.04	171.0D	4.6	
4672	1981	10	04	20	03	53.0	1.55	77.36	203.6	5.2	
3807	1977	03	19	06	28	18.7	1.55	77.65	200.0	4.4	
4852	1982	05	20	12	10	50.2	1.57	78.01	169.0D	5.1	
5136	1983	09	08	04	34	50.2	1.57	77.79	191.9	4.4	
2606	1971	05	20	22	04	36.3	1.58	77.81	170.0D	4.6	
2605	1971	05	17	11	04	7.1	1.60	77.70	176.0D	5.7	6.5 PAS
2066	1968	10	12	07	54	37.8	1.60	77.65	185.0	4.4	
1575	1966	10	10	15	28	46.4	1.60	78.90	66.0	4.1	
770	1961	07	24	02	07	18.6	1.60	78.30	30.0		
1030	1963	12	16	16	41	9.5	1.60	78.00	170.0	4.8	
1369	1965	10	31	04	02	25.7	1.60	77.60	245.0	4.7	
1374	1965	11	13	19	02	21.6	1.60	77.60	188.0	4.8	
1683	1967	03	07	15	30	26.9	1.61	78.27	164.0D	4.2	
3210	1974	02	25	02	45	21.9	1.62	78.00	170.0D	4.3	
4481	1981	03	26	02	46	46.0	1.64	77.87	171.0	4.5	
4906	1982	08	07	22	44	36.2	1.64	77.85	178.0	4.3	
4054	1978	09	20	23	07	42.7	1.66	77.92	218.0		
2351	1970	05	22	20	41	56.9	1.67	78.02	170.0	4.5	
4137	1979	04	06	02	41	20.8	1.68	77.69	189.0	4.5	
4846	1982	05	08	01	25	15.2	1.69	78.01	171.0	4.9	

## EARTHQUAKE CATALOG OF PERU

III-13

GRID NO. 2

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1154	1964	08	09	08 26 56.5	1.70	78.80	175.0	3.8	
1150	1964	07	27	04 03 33.2	1.70	77.90	164.0	4.5	
1266	1965	05	01	23 45 31.5	1.70	77.90	167.0	3.9	
1431	1966	02	09	20 30 23.2	1.70	77.90	167.0	4.9	
1073	1964	03	02	17 19 58.4	1.70	77.50	82.0	4.6	
1344	1965	09	19	01 45 1.7	1.70	77.50	213.0	4.6	
1348	1965	09	21	05 34 45.4	1.70	77.50	245.0	3.8	
888	1962	11	22	06 53 35.8	1.70	76.90	166.0		
985	1963	10	02	15 51 48.2	1.70	76.00	176.0	3.7	
4167	1979	06	02	01 32 51.0	1.70	77.94	167.0D	4.5	
3986	1978	04	07	09 52 6.0	1.71	78.29	54.0	4.3	
4996	1982	11	18	14 57 52.4	1.72	76.70	195.0D	6.0	
								6.4 PAS	
								6.1 BRK	
4683	1981	10	13	04 33 7.8	1.73	77.99	160.5	4.4	
2475	1970	11	14	19 01 9.3	1.73	77.94	170.0D	4.6	
2689	1971	11	27	22 26 47.5	1.73	77.82	172.0	4.6	
4066	1978	11	04	20 16 10.5	1.74	76.35	58.0	4.3	
4463	1981	02	18	23 24 56.5	1.75	77.33	199.0	4.5	3.9 ISC
2179	1969	05	31	11 07 17.1	1.75	77.74	172.0	5.1	4.8 BRK
3938	1977	11	12	16 57 58.2	1.75	77.74	172.2	4.5	GS
4951	1982	09	22	07 53 39.2	1.76	77.36	185.6	4.5	
4303	1980	03	28	15 39 39.0	1.77	77.92	159.0D	4.7	
5208	1984	04	28	20 12 8.3	1.78	78.10	47.4D	5.6	4.9 Z
3879	1977	06	27	18 57 20.4	1.78	77.13	27.0D	5.0	
2433	1970	07	17	17 49 59.5	1.79	77.26	182.0	4.9	
1276	1965	05	19	08 05 14.5	1.80	79.50	71.0	4.1	
1139	1964	06	29	08 50 57.1	1.80	78.40	158.0	4.1	
379	1950	12	30	13 02 19.0	1.80	77.70	192.0		
426	1953	02	14	22 10 21.0	1.80	77.70	192.0		
2663	1971	09	29	05 48 15.1	1.81	77.93	167.0	4.4	
3933	1977	11	03	05 05 9.6	1.82	77.76	166.0	4.7	
5090	1983	04	27	21 06 0.9	1.82	77.68	32.8	4.9	
4701	1981	11	03	07 02 38.6	1.83	78.44	129.4	5.6	
								5.8 BRK	
4375	1980	09	14	23 41 58.1	1.83	78.05	167.0	4.3	
3964	1978	01	24	20 20 30.7	1.83	78.04	159.1	4.6	GS
4908	1982	08	08	06 02 26.6	1.84	77.97	166.9	4.3	
2301	1970	01	03	03 07 53.4	1.85	78.59	9.0	4.8	
3634	1976	03	15	22 04 18.1	1.85	78.39	147.6		
2174	1969	05	21	20 35 58.4	1.86	79.51	126.0	3.8	
4089	1978	12	27	09 33 20.6	1.86	76.28	33.0N	4.0	
1328	1965	08	18	07 20 2.7	1.90	78.20	265.0	3.5	

## III-14

## GRID NO. 2

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
848	1962	06	14	20	18	6.2	1.90	76.90	160.0		
4372	1980	09	03	18	48	36.8	1.90	78.05	154.0D	4.8	
2784	1972	05	28	06	05	29.9	1.92	79.64	0.0A		
4071	1978	11	11	21	47	55.7	1.93	78.08	151.0	4.3	
2597	1971	05	05	05	27	30.5	1.94	78.28	185.7		
2811	1972	07	01	14	12	37.6	1.95	79.22	0.0A	4.5	
3330	1974	09	19	08	23	13.1	1.95	77.05	99.0	4.2	
4382	1980	09	21	00	39	41.4	1.96	78.43	198.2		
2151	1969	03	30	20	14	6.6	1.97	77.14	173.0D	4.7	
3016	1973	05	03	15	50	34.6	1.98	78.40	72.0	4.1	
1083	1964	03	20	06	55	28.1	2.00	79.70	71.0	5.3	
454	1954	03	26	09	39	6.0	2.00	79.50			
2	1906	09	28	15	24	54.0	2.00	79.00	150.0		7.9 PAS
126	1935	11	02	21	05	40.0	2.00	79.00	130.0		6.0 PAS
393	1951	08	06	19	29	36.0	2.00	79.00			
1181	1964	10	25	22	56	32.8	2.00	79.00	57.0	5.4	
401	1951	12	31	12	34	30.0	2.00	78.00			
452	1954	03	10	14	09	7.0	2.00	78.00	100.0		
1376	1965	11	19	09	52	37.6	2.00	77.60	189.0	4.2	
1180	1964	10	25	06	25	48.6	2.00	77.20	160.0	5.3	
80	1930	11	24	06	06	48.0	2.00	77.00	100.0		6.3 PAS
398	1951	10	12	18	22	36.0	2.00	77.00			
225	1942	06	12	10	21	30.0	2.00	76.90			
1890	1968	03	08	04	08	36.5	2.00	76.80	160.0	4.1	
547	1957	01	15	04	09	15.0	2.00	76.50	100.0		
201	1940	10	23	02	23	15.0	2.00	76.00	140.0		6.0 PAS
4053	1978	09	11	04	21	56.2	2.01	78.11	154.0	4.3	
2695	1971	12	21	01	07	19.8	2.02	77.43	174.0	4.5	
4713	1981	11	19	01	13	41.9	2.04	78.14	230.9	4.6	
4394	1980	10	21	12	55	28.7	2.04	79.54	112.0	4.8	
4848	1982	05	08	06	19	2.1	2.04	79.71	97.3	4.9	
2959	1973	02	23	06	41	25.5	2.05	78.19	89.0	5.0	
5236	1984	06	30	11	39	15.3	2.05	79.02	79.3		
3882	1977	07	16	16	34	17.5	2.06	78.84	33.0A	4.8	GS
3036	1973	06	06	19	32	47.4	2.07	79.96	40.0	4.1	
5209	1984	04	28	21	43	47.0	2.08	78.69	33.0N	4.9	
2963	1973	03	01	17	49	6.1	2.08	78.21	86.0	4.9	
2178	1969	05	28	13	30	8.9	2.09	76.93	177.0D	5.5	5.4 BRK
2958	1973	02	23	04	26	23.3	2.09	78.21	67.0	5.7	5.8 BRK
5178	1983	12	30	09	31	55.4	2.09	77.68	33.0N	4.6	
4044	1978	08	10	04	10	55.8	2.10	78.66	131.0	4.9	
769	1961	07	24	01	53	29.9	2.10	79.40	33.0N		
745	1961	04	08	09	03	48.9	2.10	79.10	24.0		

## EARTHQUAKE CATALOG OF PERU

III-15

GRID NO. 2

NO.	DATE		TIME		LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec		mb	Ms
740	1961	03	25	02	10	13.2	2.10	78.70	132.0
928	1963	05	10	22	22	42.7	2.10	77.60	30.0
3022	1973	05	10	13	46	34.1	2.10	78.82	131.0
1255	1965	03	31	16	50	19.0	2.13	77.17	193.0
2184	1969	06	07	08	27	32.8	2.15	79.84	90.0D
5176	1983	12	24	08	35	38.0	2.16	78.77	33.0N
2638	1971	08	03	21	51	45.7	2.16	78.95	138.0
2272	1969	10	27	22	32	32.1	2.19	78.86	131.0
1223	1965	01	16	16	22	14.3	2.20	79.80	122.0
743	1961	04	08	04	22	8.7	2.20	79.20	25.0N
744	1961	04	08	04	47	1.8	2.20	79.20	25.0N
1873	1968	01	15	08	18	11.2	2.20	78.60	121.0
1517	1966	06	29	00	36	15.6	2.20	77.80	154.0
1743	1967	06	21	06	49	56.6	2.20	77.60	49.0
1522	1966	07	13	08	32	48.8	2.20	77.40	144.0
773	1961	07	28	01	05	30.0	2.20	77.10	136.0
843	1962	04	24	16	06	23.7	2.20	76.10	175.0
2333	1970	03	25	13	17	43.4	2.24	79.04	52.0
4283	1980	02	18	13	03	24.5	2.25	79.73	90.0
2960	1973	02	23	23	10	51.5	2.26	78.35	33.0N
3030	1973	05	30	04	38	1.8	2.26	78.52	111.0D
2118	1969	01	21	11	41	36.2	2.27	79.94	76.0
4777	1982	02	03	00	37	48.3	2.27	79.17	92.8
3859	1977	05	26	14	16	41.4	2.27	79.63	308.9
1812	1967	10	01	12	22	46.1	2.30	79.90	68.0
938	1963	06	08	08	57	24.9	2.30	77.80	33.0
991	1963	10	14	05	39	17.1	2.30	77.60	33.0
1484	1966	05	24	20	51	1.5	2.30	77.60	28.0
1745	1967	06	22	13	49	48.7	2.30	77.60	33.0
941	1963	06	20	20	42	17.1	2.30	77.50	33.0
834	1962	03	19	14	00	8.9	2.30	77.10	119.0
1413	1966	01	12	08	02	9.2	2.30	77.10	169.0
1331	1965	08	22	10	39	27.7	2.30	76.90	187.0
4221	1979	09	16	09	09	9.6	2.31	79.05	92.0D
2011	1968	07	09	05	13	45.2	2.31	76.67	156.0
4238	1979	11	13	06	22	2.6	2.31	76.73	140.0D
4357	1980	07	23	08	43	55.2	2.32	78.32	127.0D
4831	1982	04	17	04	29	24.3	2.33	78.28	33.0N
1697	1967	03	31	08	24	3.5	2.34	76.39	177.0
3396	1974	10	21	11	21	39.0	2.35	76.43	177.4
2552	1971	01	03	11	16	22.0	2.37	76.72	150.0
4031	1978	07	13	05	38	6.7	2.37	77.57	77.0
3389	1974	10	14	07	45	17.2	2.38	76.44	162.0



## GRID NO. 2

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1826	1967	10	24	15	17	54.0	2.40	79.00	123.0	5.0	
1744	1967	06	22	12	06	24.0	2.40	78.20	71.0	4.1	ISC
1368	1965	10	30	08	37	21.7	2.40	77.90	166.0	4.1	
1747	1967	06	23	17	24	47.7	2.40	77.90	33.0	3.9	
1769	1967	07	24	04	35	51.2	2.40	77.90	33.0	4.1	
948	1963	07	02	02	52	53.0	2.40	77.80	33.0	4.6	
956	1963	07	25	20	31	17.7	2.40	77.80	33.0	4.0	
1746	1967	06	22	20	53	55.4	2.40	77.80	14.0	4.1	
733	1961	02	20	22	26	59.1	2.40	77.60	25.0N		
1887	1968	03	03	16	16	28.7	2.40	76.50	150.0	4.3	
5221	1984	05	22	23	58	45.6	2.40	77.01	151.4	4.8	
2973	1973	03	08	13	15	2.2	2.42	78.61	0.0A		
2334	1970	03	25	13	21	6.4	2.43	79.08	37.0	4.7	
5102	1983	06	01	12	23	50.3	2.45	79.35	57.2	4.9	
4676	1981	10	07	20	03	47.7	2.48	77.21	136.4	4.8	
2304	1970	01	11	22	49	59.3	2.49	77.14	152.0	4.5	
4824	1982	04	07	11	52	3.0	2.50	78.56	87.9	5.2	
846	1962	05	25	14	49	11.2	2.50	79.10	79.0		
608	1958	11	23	03	20	52.0	2.50	79.00			
457	1954	03	29	13	58	30.0	2.50	78.50	100.0		
575	1958	02	26	19	51	34.0	2.50	78.50			
1039	1963	12	30	23	39	27.2	2.50	78.40	33.0	4.3	
1224	1965	01	16	16	59	28.5	2.50	78.20	33.0	4.5	
690	1960	07	30	07	15	15.0	2.50	77.50	200.0		
274	1943	12	22	07	01	50.0	2.50	77.00	130.0		6.3 PAS
862	1962	07	30	06	58	35.6	2.50	77.00	146.0		
1078	1964	03	11	07	19	29.1	2.50	76.60	162.0	3.9	
309	1945	12	14	17	26	46.0	2.50	76.50	100.0		
2607	1971	05	21	18	48	54.5	2.51	78.70	33.0A		
4315	1980	04	20	11	26	22.9	2.52	78.50	107.0D	5.1	3.5 ISC
4586	1981	06	24	13	25	35.3	2.52	79.10	90.0D	4.5	
4161	1979	05	30	06	17	8.1	2.52	77.01	140.0	3.8	
4183	1979	06	16	18	06	58.4	2.54	76.85	140.0	4.5	
2018	1968	07	24	22	31	40.4	2.55	77.81	79.0	4.9	
1133	1964	06	22	03	29	55.8	2.56	78.10	46.0	3.9	ISC
2190	1969	06	18	13	53	51.1	2.58	78.12	115.0	4.3	
3452	1974	12	25	19	25	27.8	2.59	76.79	169.0	4.0	
2514	1970	12	12	19	47	53.4	2.60	79.20	35.0	4.0	ISC
1175	1964	10	08	10	55	26.0	2.60	79.10	131.0	4.0	
1900	1968	04	04	02	46	14.8	2.60	79.00	90.0	4.0	
1751	1967	06	26	02	10	30.6	2.60	78.30	38.0	3.8	
852	1962	07	08	05	29	12.0	2.60	78.00	21.0		
978	1963	09	19	00	06	43.0	2.60	78.00	33.0	4.3	

## EARTHQUAKE CATALOG OF PERU

III-17

GRID NO. 2

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
1136	1964	06	23	13 53 51.4	2.60	77.70	33.0	3.9	
1147	1964	07	11	08 15 39.1	2.60	77.60	148.0	4.1	
1914	1968	04	29	22 26 54.4	2.60	77.20	131.0	4.7	
1294	1965	06	27	17 09 3.4	2.60	77.00	117.0	5.1	
2130	1969	02	22	01 19 21.0	2.60	76.37	142.0D	4.5	
2275	1969	11	10	00 10 21.2	2.63	79.59	97.0	4.0	
4624	1981	07	29	22 43 55.0	2.64	76.36	121.0	4.3	
4252	1979	12	21	00 26 6.9	2.65	79.01	91.0	5.0	4.1 ISC
4051	1978	09	10	08 08 45.5	2.67	79.50	111.6	3.8	
4244	1979	12	04	12 47 58.4	2.67	78.69	110.0	4.7	
2757	1972	04	23	01 28 49.3	2.69	79.62	0.0A		
4929	1982	08	26	05 22 59.7	2.69	79.87	70.0D	5.8	
								5.6 BRK	
3929	1977	10	24	11 38 20.7	2.70	76.72	139.6		
1029	1963	12	13	04 16 13.5	2.70	78.40	109.0	4.5	
994	1963	10	26	12 56 46.8	2.70	77.80	33.0	4.2	
1080	1964	03	15	14 14 51.8	2.70	77.70	94.0	4.3	
930	1963	05	12	11 00 50.1	2.70	77.00	115.0	4.0	
2477	1970	11	15	19 36 43.3	2.71	78.74	107.0	4.6	
4085	1978	12	24	23 13 42.6	2.73	79.95	33.0N	4.7	
2088	1968	11	30	09 47 59.8	2.73	76.71	126.0D	4.6	
3080	1973	08	01	10 35 9.4	2.73	77.97	70.0	4.0	
2636	1971	07	27	02 02 49.6	2.75	77.43	135.0D	6.3	7.5 PAS
411	1952	04	21	01 58 25.0	2.75	78.50			
1711	1967	04	28	17 45 16.8	2.78	79.43	82.0	4.3	
765	1961	07	03	08 26 13.4	2.80	79.70	33.0N		
728	1961	02	02	09 42 15.4	2.80	77.80	25.0N		
1831	1967	11	04	16 26 48.2	2.80	77.70	99.0	6.0	
1295	1965	08	27	17 09 22.7	2.80	77.10	33.0	5.3	
3285	1974	06	30	18 41 50.7	2.81	79.83	58.0	4.2	
2769	1972	05	10	17 30 35.0	2.81	78.67	89.0	5.4	
4516	1981	04	22	09 47 21.5	2.82	78.74	33.0A	4.4	
3306	1974	07	30	00 43 2.6	2.83	78.99	191.0	4.2	
2790	1972	06	04	22 22 57.0	2.84	78.95	98.0	5.0	
1928	1968	06	11	14 41 25.0	2.87	79.08	196.0	3.7	
3010	1973	04	28	10 18 38.7	2.90	77.88	0.0A		
929	1963	05	11	21 03 56.5	2.90	79.20	33.0	4.2	
1932	1968	06	17	03 08 22.0	2.90	79.20	105.0	4.1	ISC
1306	1965	07	13	22 49 46.1	2.90	78.80	112.0	4.6	
1272	1965	05	09	19 58 59.2	2.90	77.40	108.0	4.8	
1854	1967	12	16	03 19 13.4	2.90	77.00	121.0	5.0	
4842	1982	04	28	09 56 30.7	2.92	78.79	33.0A	4.1	
4825	1982	04	11	12 21 30.0	2.95	78.64	33.0N	5.4	4.2 ISC

## III-18

## GRID NO. 2

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2927	1972	12	10	21	12	58.2	2.95	78.94	0.0A		
3619	1976	01	24	16	57	34.1	2.95	77.92	61.7	4.2	GS
592	1958	06	03	15	55	28.0	3.00	77.00			
399	1951	10	22	10	02	47.0	3.00	76.90	160.0		
4560	1981	05	26	04	55	30.2	3.00	79.18	96.0	5.1	
1325	1965	08	09	07	53	18.0	3.10	79.50	251.0	3.8	
1353	1965	09	30	11	35	6.6	3.10	79.00	73.0	3.8	
877	1962	10	10	11	42	35.1	3.10	78.40	33.0		
1257	1965	04	06	19	21	49.7	3.10	78.20	97.0	5.0	
5050	1983	02	18	08	55	46.9	3.11	79.05	105.1	5.1	
587	1958	05	25	21	11	42.0	3.12	78.09	29.0		6.5 PAS
951	1963	07	05	14	29	24.8	3.20	77.80	65.0	4.2	
1305	1965	07	13	22	34	48.5	3.20	77.70	90.0	4.4	
1404	1965	12	29	04	08	23.9	3.20	77.30	22.0	4.7	
1542	1966	08	20	07	43	27.8	3.20	77.30	115.0	5.5	
1403	1965	12	28	22	04	51.7	3.20	77.10	13.0	5.5	
1216	1965	01	07	11	57	30.4	3.20	76.80	33.0	4.5	
954	1963	07	22	13	45	41.2	3.20	76.00	149.0	3.8	
3275	1974	06	16	00	01	14.4	3.22	78.84	0.0A		
3225	1974	03	28	21	22	46.2	3.24	78.14	35.0	4.1	
588	1958	05	26	08	49	43.0	3.24	78.06	27.0		6.5 PAS
204	1941	01	24	05	44	3.0	3.25	76.75	120.0		
2587	1971	04	04	06	02	46.5	3.26	77.83	111.0	4.3	
4005	1978	05	08	07	32	29.0	3.30	77.25	103.0	5.1	
147	1937	09	26	05	51	48.0	3.30	77.60			
2837	1972	07	22	19	56	12.7	3.30	76.88	39.0	4.3	
2600	1971	05	12	14	56	3.5	3.33	79.78	124.7		
3889	1977	07	29	21	39	25.6	3.34	76.10	142.6		
2338	1970	04	03	20	40	48.6	3.37	77.39	80.0	4.5	
1072	1964	02	24	18	38	33.8	3.37	78.00	33.0	4.6	ISC
3593	1975	11	08	10	34	8.1	3.39	79.01	219.5		
1415	1966	01	17	06	24	45.4	3.40	79.30	133.0	3.8	
1103	1964	04	29	04	08	1.2	3.40	77.70	56.0	4.3	
1048	1964	01	17	13	27	21.8	3.40	77.50	33.0	4.1	
1936	1968	06	19	08	38	13.0	3.40	77.30	405.0	4.4	ISC
2176	1969	05	25	21	19	17.7	3.40	78.24	100.0	3.9	
2091	1968	12	01	04	08	21.4	3.42	79.43	112.0	4.3	
524	1956	03	22	06	33	55.0	3.50	79.00	100.0		6.5 PAS
589	1958	05	26	09	06	51.0	3.50	78.50			
1311	1965	07	24	12	16	8.9	3.50	78.10	33.0	4.2	
1390	1965	12	07	03	44	41.1	3.50	78.10	44.0	4.4	
1056	1964	02	01	11	47	28.8	3.50	78.00	33.0	5.0	
1000	1963	11	03	03	10	12.7	3.50	77.80	33.0	6.0	

## EARTHQUAKE CATALOG OF PERU

III-19

GRID NO. 2

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1440	1966	02	26	15 37 18.0	3.50	77.60	33.0	4.1	
1137	1964	06	24	06 21 41.0	3.50	77.40	33.0	4.0	
509	1955	09	01	15 33 29.0	3.50	77.00			
4758	1981	12	25	18 54 23.4	3.51	78.11	111.2	4.7	
3120	1973	10	16	02 41 20.6	3.51	77.43	0.0A		
2347	1970	05	07	10 12 55.9	3.53	79.48	81.0	4.8	
3245	1974	05	01	10 46 52.7	3.53	76.47	115.0	4.5	
2699	1972	01	11	02 38 24.9	3.54	77.21	150.0	4.6	
4522	1981	04	25	14 35 47.7	3.55	76.68	110.0D	4.9	
4224	1979	10	05	16 43 16.2	3.55	76.27	116.0D	5.5	4.2 ISC
2194	1969	06	30	08 27 21.5	3.56	76.97	71.0	4.6	
3984	1978	04	03	05 31 32.7	3.58	77.11	48.0	4.7	
1555	1966	09	03	22 42 17.9	3.60	77.80	167.0	4.0	
1387	1965	12	03	08 32 25.7	3.60	77.70	42.0	4.7	
1360	1965	10	11	00 07 4.8	3.60	77.20	157.0	4.0	
5138	1983	09	14	08 35 17.2	3.67	79.25	94.0	5.6	
2629	1971	06	29	01 53 20.4	3.68	78.31	33.0A		
5204	1984	04	15	21 26 32.3	3.68	77.79	109.6D	5.5	
1096	1964	04	19	13 17 11.4	3.70	79.40	134.0	4.3	
1003	1963	11	03	12 02 28.3	3.70	78.30	33.0	4.5	
1008	1963	11	08	19 22 54.7	3.70	78.20	33.0	4.5	
1134	1964	06	23	00 30 11.1	3.70	78.10	33.0	4.6	
717	1960	12	24	23 18 27.9	3.70	78.00	23.0		
1289	1965	06	21	10 46 37.7	3.70	77.80	19.0	4.6	
5082	1983	04	15	13 25 36.1	3.71	78.67	120.0G	4.8	
2634	1971	07	22	07 43 47.4	3.73	77.29	128.0	4.5	
5222	1984	05	25	02 57 53.2	3.73	77.12	115.9	4.5	
5145	1983	10	11	10 05 36.7	3.73	79.07	86.1	5.1	
3242	1974	04	19	04 03 38.9	3.74	77.77	102.9		
1920	1968	05	16	08 25 9.2	3.75	76.60	113.0	5.4	
3226	1974	03	28	23 30 37.9	3.75	76.00	0.0A		
3430	1974	11	22	03 33 56.8	3.76	79.44	33.0A	4.5	
5147	1983	10	17	12 53 59.9	3.76	77.59	105.3	4.8	
5163	1983	11	25	22 56 25.9	3.77	76.31	114.7D	5.5	
3853	1977	05	21	20 11 14.9	3.77	77.85	106.8	4.3	
3606	1975	12	21	18 05 40.6	3.78	77.37	87.0D	5.3	
3543	1975	07	17	08 39 52.7	3.79	76.64	113.0D	5.0	
1819	1967	10	15	21 11 10.8	3.80	78.30	10.0	4.4	
415	1952	07	12	02 46 30.0	3.80	77.40			
4152	1979	05	13	22 41 53.6	3.80	79.39	98.0D	4.7	
5068	1983	03	21	01 02 51.6	3.81	77.94	65.7	4.6	
2941	1972	12	28	13 31 30.7	3.81	77.96	118.0	5.0	
2063	1968	09	23	04 33 46.7	3.82	77.32	135.0	3.9	

## III-20

## GRID NO. 2

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5155	1983	11	08	06	52	46.3	3.82	79.13	96.8	4.6	
3443	1974	12	13	11	53	33.6	3.84	79.67	111.0	4.5	
1717	1967	05	10	19	02	36.5	3.86	79.82	33.0N	4.1	
3659	1976	05	18	01	49	24.3	3.86	76.55	189.5	4.4	
5181	1984	01	13	02	29	1.0	3.86	78.49	102.9	5.8	
3272	1974	06	12	18	20	30.5	3.88	76.28	134.0	4.7	
1389	1965	12	04	17	16	29.1	3.90	79.20	33.0	4.3	
785	1961	08	30	03	45	28.0	3.90	77.80	33.0N		
899	1963	01	16	20	20	51.4	3.90	76.80	102.0		
3048	1973	06	26	02	31	20.5	3.91	78.98	0.0A		
2708	1972	01	27	18	45	7.7	3.92	79.75	97.0	5.2	
3592	1975	11	07	03	16	31.5	3.92	76.99	113.0	4.9	
3257	1974	05	23	23	35	55.8	3.97	79.05	0.0A		
3525	1975	06	06	14	21	6.8	3.97	76.91	114.0	5.3	
1712	1967	04	29	02	21	17.3	3.99	76.14	124.0	4.4	
883	1962	11	06	12	23	22.7	4.00	79.80	84.0		
489	1955	02	17	08	48	34.0	4.00	79.00			
596	1958	07	18	01	47	21.0	4.00	78.00	100.0		
64	1928	05	16	07	56	42.0	4.00	77.50			
510	1955	09	11	01	49	51.0	4.00	77.00			
355	1950	06	07	16	52	34.0	4.00	76.50	110.0		6.8 PAS
2697	1971	12	22	00	38	53.0	4.00	76.24	117.0D	5.2	

## EARTHQUAKE CATALOG OF PERU

III-21

GRID NO. 3

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
29	1923	09	09	04 16 25.0	0.00	75.00			
3194	1974	02	03	06 45 14.5	0.15	75.57	0.0A	4.4	
407	1952	03	24	09 57 25.0	1.20	75.80			
2436	1970	07	31	17 08 5.4	1.46	72.56	651.0	7.1	7.0 BRK
4418	1980	11	23	23 03 32.7	1.73	73.47	33.0A		
34	1924	03	16	01 22 36.0	2.00	72.00			
2313	1970	02	08	19 34 25.0	2.70	75.30	58.0	4.7 ISC	
32	1924	03	10	18 00 24.0	2.80	74.50			
698	1960	09	24	13 58 33.6	3.00	75.90	146.0		
3448	1974	12	23	08 13 58.8	3.04	75.39	119.0	4.6	
4953	1982	09	26	14 35 13.0	3.09	75.69	136.0D	4.7	
4216	1979	09	10	04 25 7.5	3.24	75.55	33.0A		
1895	1968	03	18	17 55 20.6	3.31	75.30	215.0	3.8 ISC	
1814	1967	10	06	08 20 59.0	4.00	75.00	33.0	4.1 ISC	
118	1934	05	24	11 46 30.0	4.00	73.00			

GRID NO. 4

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3	1911	04	28	09	52	54.0	0.00	71.00	600.0		7.1 PAS
16	1921	12	18	15	29	35.0	2.50	71.00	850.0		7.9 PAS
20	1922	01	17	03	50	33.0	2.50	71.00	650.0		7.6 PAS
49	1926	07	14	01	38	40.0	2.50	71.00			
3195	1974	02	05	00	18	23.4	3.85	71.07	33.0A	4.5	

## EARTHQUAKE CATALOG OF PERU

III-23

GRID NO. 5

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2633	1971	07	17	17	56	13.9	4.00	80.83	35.0G	4.8	
5194	1984	02	22	05	16	26.8	4.03	80.81	37.1D	4.5	
2537	1970	12	21	10	58	39.1	4.03	80.28	68.0D	4.7	
2530	1970	12	15	21	15	20.2	4.03	80.86	32.0D	5.2	
2621	1971	06	10	09	19	54.1	4.03	80.68	66.0	4.4	
2952	1973	02	01	04	10	23.0	4.03	80.53	75.0	4.9	
2983	1973	03	19	04	39	56.8	4.04	81.48	0.0A		
2525	1970	12	14	08	28	51.6	4.04	80.95	33.0D	4.9	
2520	1970	12	13	20	20	14.5	4.04	81.00	33.0N	4.1	
2516	1970	12	12	22	38	38.0	4.05	80.87	32.0D	4.5	
2515	1970	12	12	21	13	16.8	4.05	80.86	33.0N	4.7	
2539	1970	12	22	15	08	34.6	4.05	80.61	40.0G	4.9	
2569	1971	01	25	22	49	26.2	4.06	80.94	51.0	4.9	
3618	1976	01	24	03	36	12.5	4.07	81.92	16.0	5.1	
2517	1970	12	13	00	15	21.1	4.08	80.85	33.0N	4.8	
3520	1975	05	30	02	12	39.8	4.09	80.98	31.0D	4.7	3.8 Z
2197	1969	07	04	06	32	43.4	4.09	80.92	33.0N	4.5	5.0 H
2649	1971	09	07	05	32	47.6	4.09	80.83	33.0D	4.7	4.8 GOL
2488	1970	12	10	04	49	42.3	4.09	80.74	32.0D	5.3	
2617	1971	05	31	11	34	19.2	4.09	80.88	33.0N	4.8	
2565	1971	01	14	08	21	37.4	4.10	80.64	46.0D	4.5	
961	1963	08	04	12	07	24.4	4.10	80.90	34.0	4.7	
880	1962	10	12	00	10	4.8	4.10	80.30	195.0		
2501	1970	12	10	19	50	43.1	4.11	80.75	33.0N	5.1	
2507	1970	12	11	20	24	9.3	4.11	80.90	36.0D	4.7	
2068	1968	10	18	19	59	21.3	4.11	80.79	61.0	4.7	
4437	1980	12	25	00	51	4.5	4.12	81.15	33.0N	5.1	
2079	1968	11	07	18	17	16.2	4.13	80.53	65.0	4.8	
2198	1969	07	04	07	21	49.7	4.13	81.01	35.0	4.4	
3869	1977	06	09	15	58	25.1	4.14	82.55	33.0A	4.8	
2503	1970	12	11	03	19	57.1	4.15	80.86	33.0N	4.1	
2622	1971	06	11	01	32	59.0	4.17	80.66	43.0	5.4	
2543	1970	12	25	21	18	17.2	4.19	80.90	44.0	4.1	
395	1951	09	20	05	48	13.0	4.20	81.20			
402	1952	01	15	07	00	51.0	4.20	81.20			
2969	1973	03	05	11	11	53.4	4.23	80.63	50.0	4.5	
4986	1982	10	29	15	33	40.1	4.23	80.65	35.0D	5.3	4.1 Z
2496	1970	12	10	11	03	25.6	4.23	80.46	33.0N	4.5	
2533	1970	12	18	07	08	10.3	4.23	80.93	28.0	4.7	
3577	1975	10	11	16	24	17.9	4.24	81.05	29.0	5.2	
3074	1973	07	28	19	46	11.7	4.25	80.49	80.0	4.5	
2150	1969	03	30	05	05	38.1	4.28	80.67	69.0	4.5	



## III-24

## GRID NO. 5

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4376	1980	09	15	01	14	4.3	4.29	80.89	33.0A	4.4	
1793	1967	08	23	09	21	59.4	4.30	81.50	33.0	5.0	
1327	1965	08	13	00	54	43.5	4.30	80.90	34.0	5.2	
3900	1977	08	15	16	49	39.3	4.32	80.88	34.0D	4.9	3.7 Z
4075	1978	11	21	00	07	6.5	4.33	81.11	69.0	5.1	5.2 ISC
3570	1975	09	16	00	44	2.3	4.34	80.70	65.0D	5.0	
4498	1981	04	13	14	03	1.5	4.34	81.10	33.0N	4.7	
2243	1969	09	19	02	45	46.1	4.35	80.22	82.0D	4.2	
2532	1970	12	17	15	16	47.1	4.36	80.88	35.0G	4.7	
2574	1971	02	06	11	20	3.2	4.37	80.83	48.0	4.4	
836	1962	03	21	06	11	24.0	4.40	80.70	58.0		
1336	1965	09	07	16	30	27.4	4.40	80.50	227.0	4.2	
3375	1974	10	08	15	39	34.7	4.42	80.93	33.0N	5.0	
4818	1982	03	28	01	29	27.6	4.44	81.26	33.0A	4.5	
3705	1976	08	16	18	05	9.6	4.46	80.47	99.7	4.8	
5079	1983	04	13	15	00	33.8	4.47	81.98	33.0N	4.9	4.7 Z
615	1959	01	26	20	58	50.0	4.50	82.50			
474	1954	09	15	06	38	4.0	4.50	82.00	60.0		
911	1963	03	04	15	43	2.2	4.50	81.60	23.0	5.3	
913	1963	03	05	07	05	0.4	4.50	81.50	22.0	5.6	
868	1962	09	20	06	03	23.7	4.50	80.50	17.0		
4876	1982	07	01	00	32	59.7	4.55	80.33	100.1	4.5	
2548	1970	12	29	02	22	18.5	4.60	81.50	30.0	4.4	ISC
4800	1982	03	03	21	30	29.7	4.65	81.02	223.7		
860	1962	07	26	02	33	17.8	4.70	80.90	33.0		
1579	1966	10	12	18	27	48.9	4.70	80.90	45.0	4.6	
3299	1974	07	21	22	15	59.6	4.72	80.19	121.0	4.7	
1163	1964	09	10	21	36	32.3	4.80	81.30	45.0	4.5	
3233	1974	04	09	15	59	23.8	4.81	81.93	33.0A		
4077	1978	11	24	15	16	42.2	4.82	80.96	33.0N	5.1	4.2 Z
3266	1974	06	03	23	06	26.0	4.89	81.21	59.0	4.4	
942	1963	06	21	12	13	13.8	4.90	81.20	45.0	4.1	
1319	1965	08	01	04	36	40.9	4.90	80.90	66.0	4.0	
4021	1978	06	09	09	22	12.2	4.91	80.87	39.0	4.5	
5047	1983	02	13	14	01	36.3	4.97	80.33	33.0N	4.4	
4585	1981	06	24	07	54	22.3	4.97	81.11	33.0A	4.4	
2900	1972	10	25	08	28	23.1	4.98	82.76	0.0A		
4300	1980	03	20	14	32	37.9	5.00	80.73	71.0	4.8	
145	1937	09	09	05	29	0.0	5.00	84.00			
48	1926	07	01	20	29	30.0	5.00	81.50			
115	1933	12	29	08	17	1.0	5.00	81.50			
1786	1967	08	18	19	05	7.9	5.00	81.40	55.0	4.3	
560	1957	08	07	08	49	24.0	5.00	81.00			

## EARTHQUAKE CATALOG OF PERU

III-25

GRID NO. 5

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1287	1985	08	18	03	37	54.9	5.00	80.70	102.0	4.2	
30	1923	09	09	04	16	44.0	5.00	80.00			
70	1928	09	15	09	32	24.0	5.00	80.00			
181	1939	12	25	23	06	12.0	5.00	80.00			
369	1950	10	16	05	25	22.0	5.00	80.00	60.0		
2058	1968	09	20	22	39	14.6	5.02	80.04	228.0	3.9	
1696	1967	03	28	04	51	32.2	5.03	81.04	60.0G	4.4	
5228	1984	06	08	10	05	21.9	5.07	80.11	106.0	4.9	
2245	1969	09	24	00	14	30.9	5.08	81.55	45.0	4.1	
750	1961	05	04	20	20	36.5	5.10	81.00	49.0		
1669	1967	02	05	03	20	44.3	5.10	80.56	82.0	4.1	
2743	1972	04	06	02	13	4.8	5.18	82.14	0.0A		
1917	1968	05	09	13	35	52.5	5.20	82.00	33.0	4.0	ISC
1034	1963	12	20	10	48	4.2	5.20	80.80	55.0	5.2	
2761	1972	04	28	08	48	43.9	5.21	80.86	237.3	4.4	
610	1959	01	02	10	17	57.0	5.25	82.50			
2274	1969	11	02	11	47	6.2	5.31	81.71	12.0	4.5	
1916	1968	05	09	12	52	24.4	5.31	81.72	35.0D	5.6	
2196	1969	07	03	12	31	44.0	5.36	80.93	74.0	4.4	
3510	1975	05	06	09	49	46.8	5.36	81.14	69.0	4.4	
2219	1969	08	05	12	14	43.0	5.37	81.69	32.0	4.9	
4762	1982	01	03	02	05	21.2	5.37	81.31	33.0N	4.7	3.8 Z
4441	1980	12	30	06	44	11.8	5.37	80.20	96.0	4.0	
4011	1978	05	20	23	58	1.7	5.41	81.15	29.0	5.1	4.2 Z
3282	1974	06	23	15	45	4.2	5.43	81.88	68.3		
1922	1968	05	22	09	35	30.0	5.50	81.60	77.0	4.3	ISC
1222	1965	01	14	08	25	17.5	5.50	81.30	32.0	5.3	
935	1963	05	26	19	13	39.6	5.50	81.20	33.0	4.7	
1200	1964	12	07	06	02	21.5	5.50	80.30	345.0	3.5	
2957	1973	02	11	12	53	52.6	5.54	80.91	33.0N	4.6	
1166	1964	09	19	17	26	13.0	5.60	81.00	33.0	4.8	
811	1961	11	23	11	17	27.7	5.60	80.30	61.0		
3987	1978	04	10	13	40	40.4	5.61	81.22	33.0N	5.1	4.9 Z
3262	1974	05	29	10	27	58.7	5.65	80.94	33.0N	4.3	
4353	1980	07	15	04	01	51.8	5.66	81.11	33.0A	4.5	
2336	1970	03	31	08	50	12.2	5.68	80.14	69.0D	5.6	5.0 BRK
5126	1983	08	06	14	20	43.7	5.69	80.02	33.0N	4.7	
3423	1974	11	16	17	21	8.1	5.70	81.27	32.8		
816	1961	12	24	14	25	30.6	5.70	80.90	33.0N		5.9 MAT
3269	1974	06	09	10	41	22.1	5.75	80.86	52.0	5.1	
3270	1974	06	09	14	16	3.7	5.75	80.98	50.0	5.7	
2756	1972	04	21	18	31	58.5	5.76	81.74	0.0A		
2045	1968	09	06	07	49	42.0	5.77	80.26	66.0D	5.3	

## III-26

## GRID NO. 5

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4064	1978	11	04	04	21	10.3	5.80	81.06	33.0N	5.0	
1109	1964	05	09	20	06	37.7	5.80	81.30	104.0	4.4	
817	1961	12	24	17	15	44.4	5.80	81.00	33.0N		
1905	1968	04	15	07	47	40.3	5.80	80.90	35.0	4.9	
3505	1975	04	25	09	36	5.3	5.87	81.15	22.0D	5.1	5.0 H
4141	1979	04	21	11	46	22.6	5.88	81.32	48.0	4.7	
1156	1964	08	13	16	32	17.3	5.90	81.10	33.0	4.2	
2120	1969	01	29	11	09	18.4	5.90	80.10	192.0	3.6 ISC	
3338	1974	10	02	02	54	59.7	5.91	81.09	5.0	5.7	5.6 H
527	1956	05	15	12	33	19.0	6.00	82.00			
51	1927	03	13	05	32	26.0	6.00	81.50			6.0 PAS
423	1953	01	02	11	23	0.0	6.00	81.30			
92	1932	09	05	06	23	50.0	6.00	81.00	50.0		6.0 PAS
4971	1982	10	17	07	39	12.3	6.01	82.45	33.0A	4.4	
3107	1973	09	21	00	07	4.0	6.05	80.21	191.6		
2188	1969	06	13	16	19	1.4	6.06	82.10	32.0	4.9	
2759	1972	04	24	21	55	21.0	6.06	81.07	0.0A		
4028	1978	07	03	05	24	55.0	6.07	81.23	33.0A	4.6	
4370	1980	08	31	17	03	22.3	6.25	80.88	28.0D	5.2	4.5 Z
2857	1972	08	21	18	11	32.1	6.25	81.46	145.9		
1496	1966	06	05	00	53	1.2	6.30	81.40	33.0	4.3	
1527	1966	07	22	19	47	39.0	6.30	81.10	33.0	4.9	
910	1963	02	27	21	11	32.4	6.30	81.00	33.0		
916	1963	03	30	16	11	46.0	6.30	80.60	21.0	3.9	
3186	1974	01	22	13	00	8.3	6.30	81.10	72.0	4.5	
1710	1967	04	24	14	54	42.2	6.31	80.39	198.0	4.2	
2121	1969	01	30	12	57	28.7	6.39	81.28	91.0	4.4	
1396	1965	12	11	21	48	29.4	6.40	81.30	33.0	4.2	
693	1960	08	25	17	20	24.9	6.40	81.10	71.0		
1394	1965	12	10	02	59	17.4	6.40	80.80	37.0	4.5	
4465	1981	02	28	21	56	13.5	6.41	81.42	33.0N	5.3	6.0 Z 6.3 PAS
2922	1972	12	03	11	45	31.5	6.50	80.58	127.0	4.3	
43	1925	12	27	17	38	12.0	6.50	81.50			
89	1932	06	25	02	31	41.0	6.50	81.50			
186	1940	05	04	16	44	30.0	6.50	81.00			5.6 PAS
446	1954	02	02	04	42	12.0	6.50	81.00			
448	1954	02	14	06	41	44.0	6.50	81.00			
449	1954	02	15	15	40	37.0	6.50	81.00			
450	1954	02	15	19	50	52.0	6.50	81.00			
878	1962	10	11	05	41	10.1	6.50	81.00	33.0		
708	1960	11	21	04	21	48.6	6.50	80.70	73.0		
1179	1964	10	21	08	34	5.5	6.50	80.70	100.0	3.9	

## EARTHQUAKE CATALOG OF PERU

III-27

GRID NO. 5

NO.	DATE <i>yr mo dy</i>	TIME <i>hr mn sec</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	DEP <i>(km)</i>	MAGNITUDE	
						<i>mb</i>	<i>Ms</i>
4123	1979 03 01	05 37 9.4	6.52	81.06	33.0N	5.1	
3755	1976 11 20	22 37 27.7	6.53	80.84	33.0N	4.9	
917	1963 03 31	04 45 59.7	6.60	81.20	31.0	5.2	
1309	1965 07 15	08 31 24.6	6.60	80.90	36.0	4.4	
4677	1981 10 08	00 12 33.0	6.62	81.31	33.0N	4.6	
3588	1975 10 30	18 19 57.2	6.68	81.61	33.0N	4.7	3.3 Z
1274	1965 05 11	00 58 31.0	6.70	80.90	71.0	4.1	ISC
4817	1982 03 27	11 13 30.0	6.78	82.72	33.0N	4.7	
707	1960 11 20	22 01 56.4	6.80	81.00	55.0		6.8 PAS
1069	1964 02 21	13 51 47.4	6.80	80.90	33.0	4.3	
1382	1965 11 29	17 53 55.1	6.80	80.10	33.0	4.1	
2025	1968 07 30	20 38 42.0	6.93	80.46	37.0	5.8	6.4 H
3009	1973 04 26	16 44 13.7	6.94	80.21	40.0D	4.7	
4212	1979 08 26	12 19 0.4	6.97	80.60	33.0N	4.9	
4946	1982 09 12	16 57 56.2	6.98	80.31	33.0N	4.7	
329	1949 05 22	15 25 35.0	7.00	81.50			
635	1959 05 29	04 52 6.0	7.00	81.00			
500	1955 06 21	21 35 7.0	7.00	80.50			
187	1940 05 05	02 03 42.0	7.00	80.00			6.0 PAS
534	1956 08 17	05 53 25.0	7.00	80.00			
688	1960 07 19	04 19 14.0	7.00	80.00			
3433	1974 12 05	02 32 25.5	7.00	80.41	0.0A		
3068	1973 07 25	16 10 44.6	7.02	83.43	0.0A		
2656	1971 09 22	00 40 12.4	7.06	80.48	33.0N	5.3	
971	1963 08 29	15 30 31.4	7.10	81.60	23.0	6.1	
709	1960 11 22	02 32 21.8	7.10	80.80	51.0		
1026	1963 12 06	18 14 32.1	7.10	80.50	33.0	4.4	
1025	1963 12 04	04 21 22.6	7.10	80.40	45.0	4.4	
3084	1973 08 07	02 05 15.6	7.20	80.77	33.0N	5.1	
165	1938 09 09	17 27 12.0	7.20	80.30			
1926	1968 05 27	18 25 1.0	7.22	80.60	33.0N	4.8	
2350	1970 05 17	21 24 22.6	7.28	80.69	36.0	4.9	
710	1960 11 25	03 27 59.0	7.30	81.40	27.0		
1810	1967 09 27	06 02 39.5	7.30	81.30	37.0	5.1	
2645	1971 08 25	04 11 38.6	7.33	80.36	33.0N	5.0	
3622	1976 02 01	15 58 20.9	7.38	80.44	43.0D	5.4	4.4 Z
1321	1965 08 03	02 01 52.2	7.40	81.30	33.0	5.8	5.4 BRK
2283	1969 12 04	11 16 41.4	7.44	81.66	51.0	4.5	
2585	1971 03 27	00 53 25.0	7.47	81.60	29.0D	5.4	4.8 H
445	1954 01 14	15 09 7.0	7.50	84.00			
1947	1968 06 19	10 26 44.0	7.50	80.50	33.0	4.3	ISC
594	1958 06 16	14 56 58.0	7.50	80.00			
1723	1967 05 17	07 08 50.1	7.53	81.47	33.0N	3.9	

III-28

GRID NO. 5

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr</i>	<i>mo</i>	<i>dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
1830	1967	11	03	08 15 34.4	7.60	81.40	14.0	5.2	
711	1960	11	27	01 40 24.1	7.70	81.50	25.0		
1303	1965	07	09	17 46 41.4	7.70	80.80	33.0	4.5	
4179	1979	06	13	15 46 11.1	7.76	80.64	33.0N	4.7	
1855	1967	12	16	09 20 12.2	7.80	81.50	27.0	4.1	
139	1937	06	24	14 57 18.0	7.80	80.30			
4257	1979	12	31	05 28 4.9	7.98	80.40	33.0A	4.2	
2231	1969	08	28	08 33 29.7	7.99	80.39	20.0G	4.2	
718	1960	12	25	11 11 50.0	8.00	82.50	50.0		
278	1944	06	03	15 46 24.0	8.00	80.00			

## EARTHQUAKE CATALOG OF PERU

III-29

GRID NO. 6

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
5057	1983	02	27	01 20 26.4	4.01	76.40	126.6	4.2	
1285	1965	06	08	05 46 49.6	4.01	78.20	33.0	4.2	ISC
5153	1983	11	03	07 41 11.5	4.01	79.42	92.8D	5.9	
5125	1983	08	04	07 44 25.4	4.02	76.58	99.4	4.9	
4131	1979	03	16	07 03 34.1	4.02	76.64	46.0	4.4	
1242	1965	03	05	07 18 30.6	4.02	79.40	231.0	3.8	ISC
2447	1970	08	27	08 22 52.7	4.03	76.59	135.0	4.9	ISC
3394	1974	10	18	04 09 40.4	4.04	77.64	127.0	4.3	
3913	1977	09	20	17 17 59.5	4.05	79.88	164.0	4.7	GS
861	1962	07	28	02 32 26.0	4.10	79.70	110.0		
1544	1966	08	21	09 39 19.8	4.10	79.10	120.0	4.1	
820	1962	01	08	10 44 22.3	4.10	77.40	100.0		
1941	1968	06	19	09 11 21.0	4.10	77.40	278.0	4.4	ISC
1183	1964	11	02	06 50 58.2	4.10	76.90	91.0	6.0	
3115	1973	10	09	04 36 49.9	4.14	76.24	136.0	4.5	
2310	1970	01	30	05 41 52.3	4.16	76.82	125.0G	4.5	
3106	1973	09	20	00 00 22.5	4.17	78.32	177.9		
2202	1969	07	11	13 51 25.7	4.17	76.55	122.0D	4.6	
1891	1968	03	08	08 23 0.0	4.20	77.90	106.0	4.2	
1006	1963	11	06	01 28 46.6	4.20	77.70	170.0	4.1	
2714	1972	02	12	22 42 21.6	4.20	76.94	132.0	4.4	
3484	1975	03	18	17 21 23.4	4.23	77.01	98.0D	6.2	6.5 PAS
3717	1976	09	02	02 34 29.3	4.24	79.70	33.0A		
3184	1974	01	21	02 34 44.4	4.25	77.78	129.0	4.4	
1001	1963	11	03	04 24 48.4	4.30	78.30	146.0	4.2	
1515	1966	06	21	12 51 23.0	4.30	77.00	104.0	4.5	
1240	1965	02	20	18 00 14.0	4.40	79.10	266.0	3.9	
1620	1966	11	04	08 55 50.8	4.40	77.80	57.0	4.6	
1621	1966	11	04	09 15 1.0	4.40	77.80	86.0	4.5	
4274	1980	01	22	01 08 5.5	4.44	77.86	121.0	4.4	
4526	1981	04	27	16 22 33.7	4.46	77.03	127.0	4.8	
4875	1982	06	31	00 33 11.0	4.47	78.39	33.0A		
2349	1970	05	14	07 00 19.0	4.49	78.90	61.0	4.2	ISC
1388	1965	12	03	09 55 49.7	4.50	79.90	89.0	4.5	
301	1945	08	29	13 38 32.0	4.50	78.50			
4399	1980	11	02	18 21 15.6	4.53	79.44	95.0D	5.0	3.1 ISC
3446	1974	12	18	20 31 27.8	4.53	77.66	0.0A		
1937	1968	06	19	09 01 24.0	4.60	78.70	128.0	4.3	ISC
1666	1967	01	29	18 27 44.1	4.63	77.84	74.0	4.2	
3038	1973	06	09	13 24 9.2	4.67	77.22	109.0D	4.6	
3976	1978	03	14	17 20 47.3	4.67	77.76	69.0D	4.8	
863	1962	08	17	07 26 33.4	4.70	79.40	96.0		
1380	1965	11	26	00 25 49.2	4.70	77.20	120.0	4.4	

## GRID NO. 6

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1016	1963	11	15	00	18	52.4	4.70	76.80	152.0	4.3	
3893	1977	08	05	08	09	34.0	4.73	77.49	352.8		
3692	1976	07	08	12	46	16.9	4.75	79.72	80.0	4.6	
4285	1980	02	24	11	00	50.6	4.77	77.35	142.0	4.6	
1129	1964	06	09	15	31	29.6	4.77	77.90	40.0	4.4	ISC
1196	1964	11	29	17	08	25.7	4.80	79.30	81.0	4.6	
919	1963	04	03	01	35	59.3	4.80	78.40	33.0		
997	1963	10	30	01	17	31.1	4.80	77.90	20.0	5.3	
1191	1964	11	21	17	24	24.1	4.80	76.60	107.0	4.4	
4373	1980	09	04	20	18	58.4	4.80	77.75	33.0A		
2932	1972	12	19	02	43	41.0	4.83	77.10	191.0	4.1	
2576	1971	02	10	08	13	18.8	4.84	78.54	108.0	4.4	
5076	1983	04	12	12	07	54.5	4.84	78.10	104.2	6.5	
										6.7	BRK
										6.6	PAS
4575	1981	06	21	23	58	59.9	4.86	76.91	102.0D	5.1	
2157	1969	04	10	21	32	22.2	4.89	78.08	110.0		
5164	1983	11	27	17	48	3.7	4.89	76.16	111.0D	4.8	
998	1963	10	31	23	19	15.3	4.90	77.70	60.0	4.5	
1558	1966	09	06	21	04	32.5	4.90	76.80	123.0	4.3	
4559	1981	05	26	04	45	51.7	4.91	76.43	102.3	4.6	
3229	1974	04	01	15	34	12.4	4.91	77.70	76.0	4.6	
5131	1983	08	21	15	47	17.2	4.98	76.01	129.9D	4.6	
4780	1982	02	04	18	57	43.6	4.99	77.51	33.0N	5.3	4.0 ISC
520	1956	02	18	10	24	20.0	5.00	79.50			
472	1954	08	19	15	06	30.0	5.00	79.00			
490	1955	03	09	17	11	23.0	5.00	79.00			
73	1929	05	01	22	03	32.0	5.00	78.50			
628	1959	03	25	00	11	15.0	5.00	78.50			
62	1928	05	14	22	14	46.0	5.00	78.00			7.3 PAS
63	1928	05	15	02	36	4.0	5.00	78.00			
66	1928	05	21	17	02	25.0	5.00	78.00			
67	1928	05	26	14	03	15.0	5.00	78.00			
119	1934	10	29	23	25	23.0	5.00	78.00	110.0		6.3 PAS
1902	1968	04	07	23	49	4.5	5.00	78.00	68.0	4.9	
1189	1964	11	20	10	30	36.0	5.00	77.80	292.0	3.7	
1566	1966	09	17	12	55	23.4	5.00	77.40	87.0	4.3	
1041	1964	01	03	13	27	44.5	5.00	77.30	33.0	4.2	
465	1954	06	15	13	29	59.0	5.00	77.00	100.0		6.6 PAS
466	1954	07	02	09	06	19.0	5.00	77.00			
45	1926	03	07	20	33	38.0	5.00	76.50	150.0		6.5 PAS
5161	1983	11	22	15	15	15.0	5.01	78.11	25.6	5.2	
2807	1972	06	25	12	18	58.9	5.01	79.92	68.0	4.9	

## EARTHQUAKE CATALOG OF PERU

III-31

GRID NO. 6

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
1152	1964 08 04	13 06 22.2	5.10	78.60	33.0	4.1	
1564	1966 09 10	20 08 59.1	5.10	78.60	48.0	4.3	
1090	1964 03 26	05 25 2.8	5.10	76.60	100.0	4.8	
4318	1980 05 04	23 29 3.2	5.12	78.81	127.0	4.6	
3598	1975 11 29	06 26 56.2	5.12	77.57	33.0	4.8	
2920	1972 12 02	11 34 57.7	5.13	76.05	54.2	4.7	
1945	1968 06 19	09 35 20.3	5.14	77.13	33.0	4.0	ISC
4726	1981 11 30	07 48 39.5	5.15	77.65	89.2	4.4	
2171	1969 05 19	01 41 30.4	5.18	76.47	33.0N	3.9	
2954	1973 02 06	04 09 6.0	5.18	78.42	92.0	4.8	
1087	1964 03 24	06 36 19.5	5.20	78.60	33.0	4.0	
1124	1964 06 03	07 49 30.8	5.20	78.60	33.0	4.2	
433	1953 04 17	00 02 50.0	5.20	77.20			6.0 PAS
1475	1966 05 07	06 48 40.7	5.20	76.20	101.0	4.3	
3547	1975 07 31	10 42 31.9	5.22	78.83	92.8		
3814	1977 03 30	18 53 36.8	5.24	78.52	21.0D	5.0	
5243	1984 07 29	06 02 29.1	5.29	76.60	36.8	4.4	
4104	1979 01 27	13 38 58.2	5.29	76.65	56.8	4.5	
4047	1978 08 30	00 26 3.6	5.30	78.41	127.0	5.0	
939	1963 06 18	15 39 55.4	5.30	78.50	33.0	4.4	
1935	1968 06 19	08 36 26.7	5.30	77.13	33.0	4.7	ISC
1949	1968 06 19	11 00 6.0	5.30	77.12	33.0	4.5	ISC
5197	1984 03 06	21 40 4.9	5.31	77.27	120.0	4.8	
2160	1969 04 19	09 21 46.4	5.32	77.17	26.0	5.0	
4625	1981 08 03	13 37 47.4	5.35	78.13	91.0D	4.9	
4910	1982 08 10	04 51 48.6	5.35	77.37	33.0N	5.5	4.5 ISC
4219	1979 09 13	04 40 58.7	5.36	77.52	34.0	5.0	
2314	1970 02 09	02 16 24.2	5.36	76.52	80.0	4.7	
2002	1968 06 30	02 09 47.0	5.36	77.15	24.0	4.1	
2083	1968 11 19	07 18 56.2	5.36	77.31	20.0G	4.7	
4025	1978 06 28	09 04 52.7	5.37	79.56	33.0N		
1940	1968 06 19	09 05 48.9	5.37	77.26	26.0	5.3	ISC
3720	1976 09 14	04 38 24.0	5.37	77.21	29.0		
3559	1975 08 16	00 53 53.7	5.38	76.08	123.0D	5.7	
774	1961 07 30	07 25 46.8	5.40	78.70	42.0		
1939	1968 06 19	09 04 59.0	5.40	76.86	255.0	4.3	ISC
4230	1979 10 11	17 48 37.2	5.41	77.21	33.0N	5.2	
4229	1979 10 11	17 47 31.8	5.41	77.13	33.0N	4.9	
1961	1968 06 20	00 28 14.0	5.41	77.03	33.0N	4.3	
2007	1968 07 07	12 35 50.0	5.42	76.87	34.0	4.4	
2012	1968 07 14	10 01 11.0	5.43	77.29	33.0N	4.5	
3104	1973 09 16	04 34 8.6	5.43	76.81	0.0A		
2013	1968 07 14	15 19 59.0	5.44	76.89	33.0N	4.2	



## III-32

GRID NO. 6

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2806	1972	06	24	06	35	39.3	5.45	78.22	0.0A		
1970	1968	06	21	07	24	17.0	5.45	77.31	25.0	4.8	
1973	1968	06	21	12	51	41.0	5.46	76.95	33.0N	4.1	
1964	1968	06	20	05	44	45.0	5.47	77.25	33.0N	4.3	
4857	1982	05	25	05	19	1.8	5.47	77.44	17.0D	4.9	
3890	1977	07	30	05	22	19.2	5.48	77.21	33.0N	4.9	4.5 Z
1972	1968	06	21	12	28	54.0	5.49	77.19	15.0G	4.4	
2006	1968	07	05	06	45	42.0	5.49	77.63	33.0N	4.4	
3562	1975	08	24	15	30	8.7	5.49	77.22	33.0N	5.1	4.3 Z
2170	1969	05	18	20	01	34.0	5.49	77.00	61.0	4.3	
1971	1968	06	21	07	31	17.3	5.49	77.23	33.0N	4.9	
2021	1968	07	27	22	06	9.0	5.50	76.63	139.0	4.2	
69	1928	07	18	19	05	0.0	5.50	79.00			7.0 PAS
1852	1967	12	11	14	16	7.1	5.50	77.70	118.0	4.7	
665	1960	01	04	15	05	39.0	5.50	77.50			
671	1960	01	30	05	07	24.0	5.50	77.50			
1084	1964	03	22	07	05	39.7	5.50	77.10	147.0	5.1	
1988	1968	06	25	10	03	51.0	5.50	77.26	33.0N	4.2	
4494	1981	04	11	10	22	8.7	5.50	77.34	33.0N	4.9	
1979	1968	06	22	18	34	7.0	5.50	77.11	33.0	4.5	
1977	1968	06	22	09	16	50.0	5.51	77.03	34.0	4.6	
3601	1975	12	08	01	50	19.1	5.51	77.30	78.0	5.0	
1962	1968	06	20	00	47	48.0	5.51	76.97	33.0N	4.4	
4361	1980	08	05	10	21	49.9	5.52	79.11	33.0A	4.5	
1956	1968	06	19	17	07	44.5	5.52	77.25	33.0N	5.0	
1960	1968	06	20	00	11	19.0	5.53	77.32	33.0N	4.4	
2005	1968	07	03	15	24	54.0	5.53	77.14	33.0N	4.2	
2140	1969	03	08	13	37	5.6	5.53	77.06	44.0	4.6	
1948	1968	06	19	10	57	25.0	5.53	77.09	33.0N	4.7	
2046	1968	09	07	17	41	56.8	5.53	76.87	63.0	5.0	
1985	1968	06	24	10	58	59.0	5.53	77.10	23.0	4.2	
2904	1972	10	29	04	55	11.6	5.55	76.48	52.5		
2951	1973	01	30	17	36	20.7	5.55	77.08	48.0	4.6	
2001	1968	06	29	18	43	26.0	5.55	77.05	33.0N	4.5	
1969	1968	06	21	02	19	59.0	5.55	77.06	33.0	4.3	
1934	1968	06	19	08	13	35.0	5.56	77.15	28.0	6.4	6.9 H
1943	1968	06	19	09	27	11.0	5.56	76.95	33.0N	4.3	
1946	1968	06	19	10	18	46.3	5.57	77.16	33.0N	4.9	
1996	1968	06	27	07	10	35.0	5.57	77.07	37.0	4.4	
4556	1981	05	24	08	51	6.0	5.58	78.76	33.0N	4.2	
3886	1977	07	24	23	25	36.4	5.58	77.39	33.0N	4.8	
5072	1983	04	04	02	01	10.4	5.58	78.78	52.7	4.7	
1995	1968	06	26	20	51	9.6	5.58	77.29	33.0N	4.4	

## EARTHQUAKE CATALOG OF PERU

III-33

GRID NO. 6

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1975	1968	06	22	04	24	45.0	5.58	76.99	33.0N	4.6	
2164	1969	05	03	04	09	30.6	5.58	77.23	21.0	4.3	
1994	1968	06	26	16	34	12.7	5.58	77.17	34.0	5.0	
1963	1968	06	20	02	38	38.4	5.59	77.33	33.0N	5.8	5.7 H
5157	1983	11	13	22	38	45.7	5.59	77.06	29.2	5.0	3.9 Z
1952	1968	06	19	14	20	17.0	5.59	77.04	33.0N	4.3	
1980	1968	06	22	20	16	55.0	5.60	77.25	33.0N	4.4	
3251	1974	05	13	03	28	44.0	5.60	78.87	33.0A		
1906	1968	04	17	06	54	19.6	5.60	77.10	36.0	4.9	
2023	1968	07	28	18	36	10.3	5.61	76.95	46.0	5.0	
3158	1973	11	29	05	29	35.0	5.61	76.06	0.0A		
2343	1970	04	16	10	26	58.9	5.62	77.09	43.0	4.8	
1978	1968	06	22	11	59	13.0	5.62	77.03	33.0N	4.3	
1950	1968	06	19	12	42	17.0	5.62	77.09	23.0	4.4	
3872	1977	06	13	01	02	1.8	5.62	77.41	33.0N	4.7	
1951	1968	06	19	12	46	13.0	5.62	77.31	33.0N	4.7	
4833	1982	04	18	14	15	57.1	5.62	77.54	61.0D	4.6	
2965	1973	03	01	20	44	25.6	5.63	78.72	0.0A		
1982	1968	06	23	19	09	48.0	5.64	77.33	33.0N	4.2	
2199	1969	07	05	04	55	33.7	5.64	77.16	37.0	5.2	5.1 H 4.8 PAL
2146	1969	03	21	23	34	41.5	5.64	77.16	51.0	4.7	
4371	1980	09	03	11	17	59.5	5.64	79.36	75.9	4.3	
1954	1968	06	19	16	54	30.0	5.64	77.17	33.0N	4.8	
3239	1974	04	18	03	53	35.1	5.64	77.04	28.0D	4.6	
2395	1970	06	05	10	13	2.7	5.65	77.15	43.0	5.1	5.0 H
1958	1968	06	19	21	19	11.2	5.66	77.10	33.0	4.5	ISC
2015	1968	07	16	13	18	43.2	5.68	77.16	27.0D	5.0	
2003	1968	07	01	11	08	23.0	5.68	77.14	52.0	4.8	
3086	1973	08	07	05	56	24.8	5.68	77.10	58.0	4.7	
2010	1968	07	08	08	45	47.0	5.69	77.06	33.0N	4.8	
1989	1968	06	26	04	53	45.3	5.69	77.20	27.0	4.9	
2014	1968	07	16	12	30	57.0	5.69	77.19	33.0N	4.6	
2016	1968	07	16	14	01	51.0	5.69	77.02	33.0N	4.5	
1955	1968	06	19	17	06	10.0	5.70	77.07	33.0N	4.5	
2087	1968	11	29	09	31	5.1	5.70	76.92	110.0	4.1	
1959	1968	06	19	23	38	58.5	5.70	77.18	33.0N	5.1	4.4 H
1944	1968	06	19	09	28	1.0	5.70	77.12	38.0	4.7	
3917	1977	09	28	01	01	52.1	5.71	77.04	81.0	4.7	
1968	1968	06	21	00	26	7.8	5.72	77.28	22.0	5.6	
1966	1968	06	20	15	51	56.5	5.72	77.25	33.0N	4.7	4.7 H
3421	1974	11	15	02	50	22.9	5.73	79.96	33.0A		
2123	1969	02	03	21	37	33.5	5.74	77.09	40.0	4.9	

## GRID NO. 6

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1974	1968	06	22	04	02	19.5	5.74	77.07	25.0D	4.6	
2036	1968	08	24	06	40	49.4	5.74	76.93	102.0	4.4	
3844	1977	05	13	13	35	16.9	5.75	77.09	49.0	5.0	
1942	1968	06	19	09	17	20.9	5.75	77.00	91.0	4.6	ISC
2028	1968	08	02	10	09	30.9	5.75	77.43	76.0	4.3	
1709	1967	04	22	19	29	33.3	5.76	79.82	33.0N	4.3	
1984	1968	06	24	02	59	34.0	5.76	77.34	33.0N	4.4	
2008	1968	07	07	23	48	8.2	5.76	77.14	27.0	5.5	5.2 H
2098	1968	12	10	00	58	59.4	5.76	77.44	85.0	4.4	
1997	1968	06	27	09	35	40.0	5.76	76.60	67.0	4.0	ISC
1991	1968	06	26	06	33	49.0	5.76	77.56	33.0N	4.3	
1965	1968	06	20	08	11	10.5	5.76	77.33	33.0N	5.3	
1986	1968	06	24	14	03	48.0	5.76	77.14	53.0D	4.7	
1247	1965	03	12	22	54	44.7	5.80	77.80	52.0	4.9	
2041	1968	08	27	11	19	14.6	5.81	77.35	26.0	4.9	4.3 H
2126	1969	02	06	14	36	41.2	5.84	78.38	33.0N	4.2	
2017	1968	07	23	07	14	48.3	5.86	77.02	116.0	4.0	
2052	1968	09	11	00	56	29.2	5.88	76.47	282.0	3.7	
2077	1968	11	07	02	44	30.1	5.90	77.15	42.0	4.3	
1236	1965	02	13	10	05	24.3	5.90	77.60	69.0	4.5	ISC
1938	1968	06	19	09	01	59.0	5.90	77.20	147.0	4.3	ISC
3467	1975	02	01	12	50	44.5	5.94	79.53	33.0N	4.7	
2043	1968	09	02	23	01	53.4	5.95	77.41	104.0	4.3	
2109	1969	01	01	08	04	34.0	5.95	77.07	97.0	4.3	
1998	1968	06	27	10	27	4.0	5.96	77.80	114.0	4.3	ISC
408	1952	03	31	00	50	40.0	6.00	79.50			
1381	1965	11	29	17	07	2.0	6.00	78.60	37.0	5.5	
213	1942	01	08	15	12	31.0	6.00	78.50	110.0		6.0 PAS
240	1942	11	06	13	31	10.0	6.00	77.00	130.0		6.8 PAS
303	1945	09	29	04	27	46.0	6.00	77.00			
297	1945	08	06	23	02	10.0	6.00	76.50	100.0		
298	1945	08	09	03	13	32.0	6.00	76.50			
1261	1965	04	22	22	14	4.1	6.02	78.68	118.0	4.6	ISC
2592	1971	04	24	03	34	32.3	6.03	77.22	69.0	4.3	
2110	1969	01	04	05	38	6.7	6.05	77.71	34.0	4.2	
2238	1969	09	08	12	43	40.0	6.07	77.54	125.0	4.1	
3174	1974	01	12	06	00	11.2	6.11	76.65	260.8		
3825	1977	05	01	00	09	6.2	6.11	77.13	123.0D	4.9	
2354	1970	05	27	09	52	33.6	6.15	76.47	51.0	4.6	
1705	1967	04	13	05	30	4.0	6.16	76.52	41.0	4.8	
767	1961	07	08	05	49	2.0	6.20	77.10	15.0		
825	1962	02	27	00	04	43.5	6.20	77.00	61.0		
1992	1968	06	26	06	46	41.0	6.20	76.70	153.0	4.1	ISC

## EARTHQUAKE CATALOG OF PERU

III-35

GRID NO. 6

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1987	1968	06	25	03	03	4.0	6.20	76.50	224.0	3.7	ISC
2116	1969	01	15	08	19	58.2	6.28	78.35	164.0	4.1	
2300	1970	01	03	02	08	13.2	6.30	77.78	130.0	4.3	
839	1962	04	07	02	10	2.2	6.30	79.90	25.0		
1174	1964	10	07	17	02	34.4	6.30	78.60	23.0	3.7	
922	1963	04	13	02	20	57.9	6.30	76.70	125.0	6.1	6.9 PAS
2034	1968	08	22	02	47	34.6	6.31	76.75	185.0	3.7	
4154	1979	05	20	01	43	24.5	6.32	77.39	33.0A	4.4	
2136	1969	03	04	00	11	39.0	6.32	76.73	203.0	4.5	
2037	1968	08	25	01	39	16.7	6.34	77.11	191.0	3.8	
4226	1979	10	09	16	57	5.3	6.35	76.28	118.0D	5.0	
1762	1967	07	14	10	08	45.5	6.40	77.40	146.0	4.6	
1990	1968	06	26	05	17	33.2	6.40	77.20	194.0	3.8	ISC
1202	1964	12	07	15	55	56.8	6.40	76.20	177.0	4.7	
1931	1968	06	12	17	33	8.0	6.41	76.54	112.0	4.2	
5198	1984	03	11	07	43	49.0	6.45	76.09	33.0N	4.8	
3211	1974	03	05	00	55	45.0	6.46	77.71	235.0	4.0	
1451	1966	03	23	06	10	11.6	6.50	79.30	33.0	3.9	
182	1940	01	07	21	34	48.0	6.50	78.00	100.0		
334	1949	08	05	07	49	29.0	6.50	77.00	100.0		
265	1943	04	05	03	08	58.0	6.50	76.00	140.0		6.5 PAS
5238	1984	07	11	06	09	41.7	6.51	77.04	47.5	4.9	
3310	1974	08	11	17	05	30.3	6.56	77.43	128.1	4.1	
2139	1969	03	05	23	18	59.6	6.57	76.20	33.0	4.6	
3516	1975	05	18	11	15	44.2	6.60	76.94	0.0A	4.3	
1860	1967	12	23	22	57	43.7	6.60	78.50	43.0	4.5	
1957	1968	06	19	18	54	51.0	6.60	77.20	220.0	3.9	ISC
422	1952	11	14	11	40	44.0	6.60	76.90			
2786	1972	06	01	00	54	21.8	6.61	76.51	15.0	4.7	
2725	1972	03	20	07	51	4.8	6.64	76.77	50.0G	5.4	
2726	1972	03	20	13	33	3.6	6.70	76.99	0.0A		
4602	1981	07	13	19	47	34.8	6.71	76.82	33.0N	4.9	
4378	1980	09	17	15	39	6.4	6.73	76.99	132.6	4.4	
2788	1972	06	02	18	32	51.7	6.75	77.16	52.2		
2033	1968	08	18	06	38	25.8	6.75	78.41	156.0	3.9	
4826	1982	04	12	09	12	23.1	6.76	77.06	183.6	3.8	
2724	1972	03	20	07	33	49.6	6.77	76.79	64.0D	6.1	6.9 PAS
1953	1968	06	19	14	40	29.0	6.80	78.80	155.0	3.9	ISC
1518	1966	06	30	10	49	52.4	6.80	76.80	21.0	4.8	
2727	1972	03	20	16	50	27.1	6.81	76.85	33.0N	5.4	4.3 H
4799	1982	03	03	20	54	2.4	6.83	76.10	121.9	4.7	
3764	1976	12	20	16	56	41.5	6.85	77.18	68.2	5.0	GS
2731	1972	03	23	04	49	43.5	6.86	76.63	39.0	4.1	

## III-36

## GRID NO. 6

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3058	1973	07	13	19	06	58.3	6.87	76.32	96.9	4.4	
2745	1972	04	06	18	48	36.1	6.87	76.64	60.0	4.4	
1469	1966	05	01	08	04	26.1	6.90	77.00	48.0	4.5	
2728	1972	03	20	19	09	49.1	6.94	77.94	0.0A		
3537	1975	06	29	03	32	7.2	6.94	77.42	0.0A		
2738	1972	04	04	07	00	4.9	6.95	76.58	104.3A		
2735	1972	04	01	09	12	52.5	7.01	76.47	49.5		
2732	1972	03	24	03	01	4.3	7.01	76.75	87.5		
3105	1973	09	18	12	58	25.2	7.03	76.14	133.0D	5.8	
4197	1979	07	30	13	43	14.9	7.06	78.08	33.0N	4.6	
1983	1968	06	23	19	18	29.0	7.10	76.70	33.0	4.3	ISC
2311	1970	02	01	12	29	42.4	7.16	76.90	33.0	4.4	ISC
1205	1964	12	15	16	20	11.0	7.20	76.90	33.0	4.8	
812	1961	11	29	20	38	9.2	7.20	76.40	33.0N		
2652	1971	09	12	00	46	13.2	7.21	79.98	64.0	4.7	
2782	1972	05	25	21	59	18.4	7.22	76.38	207.1		
2988	1973	03	28	16	48	21.2	7.22	76.51	157.0	4.2	
3085	1973	08	07	02	52	35.5	7.23	76.36	0.0A		
2608	1971	05	22	14	50	1.2	7.24	76.11	71.0	4.4	
5271	1984	12	13	19	36	2.7	7.25	77.38	97.0	5.0	
5189	1984	02	08	14	20	12.9	7.26	76.47	33.9	5.0	
5231	1984	06	14	08	08	23.0	7.28	76.72	33.0N	4.6	
3418	1974	11	11	11	43	53.7	7.33	76.72	74.0	4.7	
5060	1983	02	28	13	54	50.5	7.34	76.40	33.3	5.1	4.2 Z
2445	1970	08	18	04	34	18.4	7.35	76.55	145.0G	4.4	
2596	1971	05	04	22	50	54.2	7.35	79.17	153.6		
3290	1974	07	05	19	36	43.0	7.39	77.28	294.4	3.9	
1031	1963	12	18	01	42	13.5	7.40	76.00	33.0	4.0	
2461	1970	10	09	06	51	31.0	7.50	76.70	65.0	4.3	ISC
4797	1982	03	01	01	34	13.1	7.58	76.71	146.0	4.7	
1298	1965	07	02	02	28	13.0	7.60	76.90	21.0	4.4	
2912	1972	11	11	17	26	19.2	7.65	78.36	0.0A		
1070	1964	02	21	21	52	12.4	7.70	79.50	36.0	4.3	
1297	1965	07	02	01	09	47.6	7.70	76.80	46.0	4.4	
5252	1984	08	18	16	38	26.8	7.72	77.02	139.0	.	
2860	1972	08	26	12	30	26.9	7.73	78.98	0.0A		
5227	1984	06	05	22	33	20.1	7.75	76.70	33.0N	5.0	
5225	1984	06	03	04	10	26.9	7.80	76.78	33.9	5.3	
5226	1984	06	05	04	15	24.4	7.82	76.71	33.0N	5.8	5.1 Z 5.1 BRK
4662	1981	09	19	01	27	17.1	7.87	76.40	252.5		
505	1955	08	19	07	44	44.0	8.00	79.50	60.0		
653	1959	08	15	18	28	57.0	8.00	79.50			

## EARTHQUAKE CATALOG OF PERU

III-37

GRID NO. 6

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>				mb	Ms
436	1953 06 30	13 23 14.0	8.00	76.50			
631	1959 04 25	20 33 36.0	8.00	76.00			

## GRID NO. 7

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3305	1974	07	29	21 47 58.8	4.16	75.63	160.3	4.3	
2571	1971	01	27	23 22 54.9	4.30	75.23	24.0	4.8	
3222	1974	03	21	19 28 24.1	4.53	73.40	48.0	4.8	
142	1937	08	02	03 26 54.0	4.70	73.00	400.0		
716	1960	12	23	14 34 37.9	4.80	75.60	82.0		
696	1960	09	13	21 55 34.1	5.00	74.50	119.0		
3071	1973	07	28	06 10 30.7	5.01	73.94	59.9		
5177	1983	12	25	05 32 40.2	5.09	73.36	33.0N	5.4	
1822	1967	10	20	04 39 12.0	5.10	75.20	116.0	4.0	ISC
1675	1967	02	13	10 25 44.0	5.18	75.41	39.0	5.3	
3980	1978	03	24	00 31 22.1	5.22	75.59	42.0	5.3	
1260	1965	04	15	02 00 10.4	5.72	75.60	33.0	4.4	ISC
3931	1977	11	02	14 33 15.5	5.73	75.33	177.0A		
3988	1978	04	11	22 57 48.5	5.73	75.01	148.0	4.7	
4811	1982	03	19	03 05 18.0	5.77	75.32	33.0N		
3207	1974	02	12	08 33 15.3	5.78	74.49	22.0D	4.6	
2511	1970	12	12	05 37 47.8	5.92	74.99	29.0	4.8	
3145	1973	11	11	01 53 12.4	5.93	75.16	139.0D	4.8	
3827	1977	05	03	22 43 37.0	5.93	75.59	133.0	4.7	
3529	1975	06	11	16 37 36.8	5.97	73.36	0.0A	4.6	
5081	1983	04	15	10 08 20.5	5.98	75.66	118.0	5.6	
674	1960	02	14	18 20 46.0	6.00	75.50	150.0		
155	1938	01	16	21 41 47.0	6.00	75.00	100.0		6.0 PAS
604	1958	10	12	01 35 27.0	6.00	74.50	150.0		
577	1958	03	03	19 09 46.0	6.00	74.00			
3522	1975	06	03	20 18 2.0	6.17	75.15	33.0D	5.0	5.2 Z
359	1950	06	30	10 54 12.0	6.20	75.30	96.0		
5263	1984	10	03	23 55 20.1	6.21	75.84	50.6D	5.3	
1347	1965	09	20	18 10 40.3	6.30	75.00	139.0	5.1	
5026	1982	12	18	10 15 6.2	6.39	75.69	33.0N	5.4	4.3 Z
4240	1979	11	18	13 50 45.4	6.46	73.91	33.0N	5.0	
243	1942	11	11	02 02 36.0	6.50	75.50			
584	1958	05	12	21 12 16.0	6.50	75.50	150.0		
853	1962	07	10	19 21 36.9	6.50	75.20	46.0		
3156	1973	11	26	03 24 42.2	6.64	75.17	49.0	4.7	
4914	1982	08	12	08 27 6.3	6.68	75.79	33.0A	4.7	
2940	1972	12	26	17 51 15.5	6.70	73.44	0.0A		
2132	1969	02	23	15 56 13.1	6.70	74.48	33.0	4.5	ISC
2891	1972	10	10	09 26 5.1	6.71	74.77	138.0D	4.6	
4017	1978	05	28	06 07 4.0	6.71	74.57	75.0	4.9	
1691	1967	03	24	15 38 48.3	6.72	74.98	138.0	4.8	
3441	1974	12	09	20 57 11.1	6.80	74.60	0.0A		
3006	1973	04	23	00 00 33.3	6.82	73.89	0.0A		

## EARTHQUAKE CATALOG OF PERU

III-39

GRID NO. 7

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1159	1964	08	19	14	00	37.8	6.90	75.50	14.0	4.4	6.3 PAS
3726	1976	09	29	06	49	10.4	6.92	75.84	33.0A		
2690	1971	11	29	01	01	41.2	6.95	75.79	20.0	4.3	
3667	1976	05	23	22	21	2.1	6.96	74.07	33.0N	4.7	
1197	1964	12	01	02	33	19.6	7.00	75.50	254.0	3.6	
105	1933	10	01	02	40	42.0	7.00	75.25	120.0		
384	1951	04	03	04	59	34.0	7.00	74.90	150.0		
566	1957	10	01	23	20	50.0	7.00	74.00			
4772	1982	01	27	17	14	28.0	7.06	74.44	161.0D	5.1	
2853	1972	08	18	12	42	8.5	7.07	74.29	0.0A		
419	1952	09	24	17	38	42.0	7.10	74.70			4.0
442	1953	08	16	03	09	55.0	7.10	74.70	160.0		
1477	1966	05	11	00	01	32.2	7.10	74.50	152.0	4.0	
4543	1981	05	09	19	48	25.5	7.11	75.64	133.3	4.3	
4377	1980	09	16	22	08	22.6	7.11	75.81	33.0N	4.9	
1719	1967	05	12	02	21	41.2	7.15	73.11	58.0	4.3	
2739	1972	04	04	14	37	30.8	7.16	73.90	0.0A		
2593	1971	04	26	14	26	30.5	7.19	74.88	75.0	4.6	
1452	1966	03	23	21	57	9.8	7.20	74.70	140.0	5.1	
1158	1964	08	18	00	26	51.8	7.20	74.40	156.0	5.3	
1167	1964	09	21	13	27	32.9	7.20	74.30	150.0	4.6	4.5
346	1950	02	07	21	16	16.0	7.20	74.00	160.0		
703	1960	10	21	04	18	44.4	7.20	73.80	100.0		
3141	1973	11	08	05	24	15.0	7.29	74.61	179.9	4.5	
3594	1975	11	15	06	33	23.5	7.29	75.64	32.5		
946	1963	06	30	11	09	49.8	7.30	75.20	43.0	4.3	
4076	1978	11	22	06	24	17.6	7.34	75.90	33.0N	4.9	
2093	1968	12	04	11	33	22.0	7.34	74.45	112.0	4.2	
2625	1971	06	24	05	07	12.6	7.34	73.64	33.0A		
2651	1971	09	09	01	37	23.1	7.35	74.60	150.0D	5.1	
3884	1977	07	20	16	45	0.8	7.36	74.00	33.0A		4.3
2287	1969	12	10	09	46	47.6	7.36	74.83	164.0	4.3	
1536	1966	08	06	14	38	43.7	7.40	74.70	156.0	5.1	
1655	1966	12	23	18	59	5.1	7.40	74.70	139.0	5.2	
896	1963	01	05	11	05	8.2	7.40	73.40	178.0		
2955	1973	02	07	06	10	21.8	7.42	74.81	140.0D	5.3	
3695	1976	07	13	09	21	45.9	7.44	73.93	33.0A	4.9	
4165	1979	06	01	20	40	53.7	7.49	75.16	108.0	4.9	
680	1960	05	06	18	53	59.0	7.50	74.50	60.0		
1089	1964	03	25	12	44	59.4	7.50	74.30	156.0	3.8	
456	1954	03	28	19	20	58.0	7.50	73.50	100.0		4.4 ISC
1239	1965	02	19	23	01	50.0	7.52	74.68	138.0	4.4	
1999	1968	06	27	11	47	45.0	7.54	74.25	102.0	4.5	



## III-40

## GRID NO. 7

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2856	1972	08	20	16	39	32.3	7.56	74.67	147.0D	4.6	
2908	1972	11	04	12	58	10.1	7.56	73.17	0.0A		
4944	1982	09	11	08	01	41.1	7.58	75.56	40.0	4.8	
1063	1964	02	16	10	03	37.7	7.60	75.90	31.0	4.5	
1062	1964	02	15	04	46	5.0	7.60	75.70	33.0	4.1	
940	1963	06	20	10	23	18.4	7.60	74.70	133.0	3.9	
2610	1971	05	23	22	29	18.1	7.61	74.50	153.0D	4.4	
4275	1980	01	31	00	24	34.0	7.62	74.39	155.0D	4.8	
4304	1980	03	29	11	56	29.4	7.66	74.32	148.0D	4.7	
2823	1972	07	12	02	32	25.4	7.67	74.10	0.0A		
3434	1974	12	05	11	57	31.3	7.69	74.45	162.0D	6.0	
2894	1972	10	14	06	13	16.4	7.69	74.03	0.0A		
1623	1966	11	07	20	31	30.2	7.70	75.90	115.0	5.0	
1359	1965	10	10	19	35	0.1	7.70	74.60	140.0	4.3	
1547	1966	08	24	15	41	1.4	7.70	74.30	142.0	4.2	
4140	1979	04	18	19	36	30.2	7.71	74.52	155.0D	4.7	
2424	1970	07	07	06	03	45.6	7.72	74.31	160.0G	4.8	
3464	1975	01	22	15	07	31.5	7.75	74.47	153.0D	4.6	
2309	1970	01	26	09	15	6.7	7.75	74.46	155.0G	4.5	
4020	1978	06	09	07	34	58.8	7.77	74.54	152.0D	5.0	
1079	1964	03	14	02	14	2.0	7.80	75.40	33.0	4.2	
1409	1966	01	01	19	51	56.1	7.80	74.70	165.0	4.6	
1332	1965	08	22	12	24	22.5	7.80	74.50	141.0	4.7	
3101	1973	09	10	03	32	8.9	7.80	73.84	0.0A		
4019	1978	06	09	04	08	39.2	7.81	73.72	33.0N	4.6	
4591	1981	06	28	12	56	20.0	7.82	74.30	132.9	4.8	
2805	1972	06	21	08	25	16.6	7.82	74.44	153.0D	4.6	
2872	1972	09	17	18	42	52.8	7.83	75.54	219.7		
3436	1974	12	06	06	52	49.4	7.84	74.82	167.0	4.4	
3491	1975	04	01	08	14	43.4	7.88	74.51	0.0A		
4306	1980	04	04	06	25	25.4	7.89	74.41	154.0D	5.0	4.0 ISC
1927	1968	06	05	13	53	51.0	7.90	74.42	157.0	4.4	
1863	1967	12	29	23	57	48.5	7.90	74.40	135.0	4.3	
1113	1964	05	17	07	52	58.7	7.90	74.30	152.0	3.9	
2639	1971	08	10	22	44	9.7	7.91	75.10	115.0	4.4	
4248	1979	12	13	15	30	18.0	7.91	72.23	98.0A		
4323	1980	05	16	04	52	53.8	7.92	73.75	186.0D	5.3	4.0 ISC
2947	1973	01	21	18	12	29.9	7.95	74.39	147.0D	5.1	
3328	1974	09	16	02	47	15.1	7.97	74.44	163.2		
3903	1977	08	26	05	46	51.7	7.98	74.48	149.0	4.6	
39	1925	09	12	09	26	0.0	8.00	75.00			
131	1936	05	06	03	38	55.0	8.00	75.00	160.0		6.0 PAS
366	1950	08	27	14	26	12.0	8.00	74.50	150.0		

## EARTHQUAKE CATALOG OF PERU

III-41

GRID NO. 7

NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
1043	1964	01	05	18 33 54.7	8.00	74.50	150.0	5.2
1806	1967	09	20	09 33 54.1	8.00	74.50	145.0	5.1
927	1963	05	10	13 05 22.5	8.00	74.40	143.0	4.4
347	1950	03	14	03 10 2.0	8.00	74.00	150.0	6.8 PAS
354	1950	05	31	09 21 45.0	8.00	74.00	150.0	
460	1954	05	07	00 22 55.0	8.00	74.00	150.0	
557	1957	05	19	22 41 3.0	8.00	74.00	200.0	
581	1958	04	21	12 15 28.0	8.00	74.00	150.0	
644	1959	07	05	15 53 37.0	8.00	74.00	200.0	
865	1962	08	29	12 23 20.8	8.00	73.60	165.0	
627	1959	03	18	14 56 5.0	8.00	73.50	150.0	

## III-42

## GRID NO. 8

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4288	1980	03	06	09	46	15.4	6.09	71.18	42.0	5.0	
180	1939	12	24	22	27	40.0	6.50	71.00	600.0		5.5 PAS
989	1963	10	08	06	25	7.9	6.60	71.60	557.0	3.7	
2705	1972	01	21	19	18	57.2	6.70	71.89	562.0D	5.8	6.0 PAS
1581	1966	10	14	22	42	51.0	6.80	71.20	631.0	3.9	
2700	1972	01	12	09	59	10.3	6.86	71.82	580.0G	5.9	6.5 PAS
897	1963	01	05	17	43	33.1	7.10	71.60	546.0		
364	1950	07	21	08	16	28.0	7.50	71.00	650.0		
372	1950	12	02	18	40	38.0	7.50	71.00	650.0		
377	1950	12	28	14	17	26.0	7.50	71.00	650.0		6.3 PAS
1630	1966	11	14	02	58	31.0	7.60	71.30	33.0	4.8 ISC	
1193	1964	11	28	16	41	33.4	7.70	71.20	626.0	5.4	
4030	1978	07	11	12	17	7.8	7.89	71.42	645.0	5.8	6.1 BRK
685	1960	07	05	21	15	9.0	8.00	71.50	600.0		
1194	1964	11	28	16	49	30.3	8.00	71.40	655.0	5.6	
367	1950	09	18	19	36	43.0	8.00	71.00	650.0		6.0 PAS
684	1960	07	04	08	02	7.0	8.00	71.00	600.0		
360	1950	07	09	04	40	4.0	8.00	70.75	650.0		7.0 PAS
375	1950	12	11	14	46	41.0	8.00	70.75	650.0		6.3 PAS
5	1915	04	23	15	29	18.0	8.00	68.00	650.0		7.3 PAS

## EARTHQUAKE CATALOG OF PERU

III-43

GRID NO. 9

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2128	1969	02	17	01 11 48.7	8.01	80.09	33.0N	4.4	
2142	1969	03	13	22 19 37.2	8.03	80.08	38.0D	5.4	5.1 H
1847	1967	11	30	18 05 19.2	8.10	80.20	45.0	5.1	
2124	1969	02	04	04 10 13.3	8.23	80.16	16.0	6.0	5.9 H
									6.5 PAS
3927	1977	10	20	10 00 1.5	8.25	80.14	33.0N	5.2	4.6 Z
3899	1977	08	14	11 30 31.5	8.28	80.06	39.8	4.9	GS
1024	1963	12	04	03 13 7.1	8.30	83.10	33.0	4.6	
1032	1963	12	19	14 54 43.6	8.30	80.80	33.0	4.3	
1784	1967	08	15	11 18 33.6	8.30	80.40	33.0	4.3	
1258	1965	04	08	00 02 40.1	8.30	80.10	33.0	4.3	
1907	1968	04	20	14 07 23.3	8.30	80.10	38.0	4.6	
926	1963	04	30	18 43 7.0	8.30	80.00	9.0	5.1	
2127	1969	02	14	00 40 31.3	8.35	80.06	22.0	4.8	5.2 H
4612	1981	07	21	13 11 29.6	8.41	80.16	33.0A	4.5	
3671	1976	05	27	04 17 51.8	8.43	80.22	33.0A		
1724	1967	05	17	07 16 50.5	8.43	80.12	45.0	4.3	
4544	1981	05	10	13 49 17.3	8.44	82.04	33.0A	4.4	
3479	1975	03	01	14 53 19.0	8.45	81.97	33.0N	5.5	5.3 H
4026	1978	06	29	17 41 10.8	8.48	80.37	33.0N	4.8	
2185	1969	06	09	17 44 56.7	8.49	80.54	33.0N	4.9	4.5 H
3475	1975	02	16	16 13 40.3	8.49	82.10	29.0	5.2	5.1 H
906	1963	02	16	21 32 22.2	8.50	80.10	33.0	4.8	
137	1937	06	21	15 13 4.0	8.50	80.00	60.0		6.8 PAS
4127	1979	03	07	10 22 43.2	8.54	80.17	33.0N	4.9	3.6 Z
1677	1967	02	15	16 46 32.0	8.60	80.60	33.0	4.5	ISC
3636	1976	03	21	09 18 29.8	8.60	80.38	57.0	4.7	
2201	1969	07	10	09 52 36.1	8.68	80.78	33.0N	4.6	
3631	1976	03	08	10 38 46.9	8.71	80.48	33.0N	4.4	
5121	1983	07	22	07 16 4.0	8.72	80.84	33.0N	4.6	
4939	1982	09	03	05 55 24.8	8.73	80.20	33.0N	4.7	
3486	1975	03	20	03 56 47.6	8.73	82.23	0.0A	4.6	
54	1927	07	14	23 27 30.0	8.80	82.30			
85	1931	09	21	21 36 52.0	8.80	82.30			
2586	1971	04	03	10 22 47.2	8.86	80.66	37.0	5.1	
3271	1974	06	10	14 20 38.1	8.93	81.17	0.0A		
2602	1971	05	14	10 04 4.1	8.95	80.66	33.0N	5.2	
2106	1968	12	28	12 41 39.8	8.96	81.39	33.0N	5.1	
3050	1973	06	30	23 21 6.0	8.97	82.55	0.0A		
1765	1967	07	18	09 07 0.2	9.00	80.70	33.0	4.2	
661	1959	12	02	07 02 52.0	9.00	80.00			
1865	1968	01	01	01 02 58.0	9.10	80.40	33.0	4.1	ISC
57	1927	11	21	18 50 40.0	9.20	80.00			

GRID NO. 9

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3538	1975	06	29	12	16	58.6	9.23	80.63	57.0	4.6	
3649	1976	04	28	20	03	19.7	9.24	80.39	131.9	4.6	GS
583	1958	05	11	07	43	19.0	9.25	81.25			
805	1961	10	28	05	30	4.5	9.30	80.00	33.0N		
44	1926	03	07	20	32	30.0	9.50	84.00			
601	1958	09	18	21	24	42.0	9.50	80.00			
2426	1970	07	10	07	53	25.0	9.50	80.00	33.0	4.6	ISC
3132	1973	10	30	20	49	52.2	9.53	81.76	33.0A		
3183	1974	01	21	02	10	10.2	9.54	80.20	0.0A		
1218	1965	01	09	14	35	12.4	9.70	80.10	33.0	4.4	
2341	1970	04	09	22	21	29.2	9.70	80.05	33.0N	4.5	
4271	1980	01	19	04	34	56.1	9.83	80.03	33.0N	4.8	
2901	1972	10	26	17	56	25.6	9.88	80.12	33.0A	4.4	
2623	1971	06	12	07	59	33.6	9.91	80.14	33.0A		
194	1940	09	17	08	52	0.0	10.00	80.00			
1885	1968	02	19	02	57	57.0	10.60	80.00	33.0	4.4	ISC
4307	1980	04	04	08	18	56.4	10.62	82.16	33.0A		
3490	1975	03	31	11	52	21.1	10.68	80.48	33.0N	4.5	
362	1950	07	15	11	42	4.0	11.00	80.00			
75	1929	09	16	03	44	33.0	11.20	82.00			
93	1932	09	20	12	41	40.0	11.50	81.50			
183	1940	01	28	07	27	48.0	12.00	82.00			

## EARTHQUAKE CATALOG OF PERU

III-45

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3437	1974	12	07	11	35	21.5	8.03	76.21	0.0A		
5140	1983	09	20	02	13	56.9	8.03	76.62	132.0	4.4	
2997	1973	04	10	23	04	11.4	8.05	78.65	0.0A		
4003	1978	05	04	11	26	11.9	8.07	76.00	131.0	5.1	
2119	1969	01	25	18	13	52.5	8.08	78.31	130.0G	4.3	
1924	1968	05	27	04	15	37.0	8.10	76.90	103.0	4.2 ISC	
5268	1984	11	23	18	40	11.8	8.16	76.13	99.1	5.9	
5066	1983	03	15	11	27	42.6	8.17	80.00	33.0D	5.5	5.4 Z
7	1919	05	23	03	07	35.0	8.20	79.30			
56	1927	10	21	00	57	50.0	8.20	79.30			
2089	1968	11	30	19	59	35.3	8.27	79.90	33.0N	4.7	
2595	1971	05	04	17	28	10.9	8.27	77.84	34.0	4.9	
2399	1970	06	07	18	58	21.8	8.27	77.79	48.0	4.7	
3094	1973	08	27	05	24	8.7	8.29	76.91	0.0A		
1715	1967	05	08	07	01	43.1	8.30	78.90	78.0	4.2	
385	1951	05	08	20	00	51.0	8.30	79.80	64.0		
388	1951	06	24	01	44	26.0	8.30	79.80			
1127	1964	06	06	03	44	27.8	8.30	79.30	47.0	4.3	
1065	1964	02	18	10	33	23.0	8.30	78.00	33.0	4.1 ISC	
1357	1965	10	08	22	28	48.6	8.30	76.00	141.0	5.2	
3201	1974	02	08	06	22	11.5	8.32	77.18	81.0	4.6	
4760	1981	12	27	21	23	12.9	8.33	79.96	28.0D	5.3	4.7 Z
5127	1983	08	09	19	19	58.5	8.35	79.83	33.0N	5.2	
5245	1984	07	30	05	14	19.2	8.35	79.64	174.1	4.3	
4065	1978	11	04	09	09	19.0	8.37	76.03	131.0	5.0	3.9 ISC
3838	1977	05	09	17	57	39.8	8.38	77.43	34.0	4.8	
3234	1974	04	11	09	59	44.1	8.38	77.77	0.0A	4.7	
895	1962	12	24	17	43	5.3	8.40	78.70	80.0		
706	1960	11	20	10	49	13.4	8.40	77.60	55.0		
2640	1971	08	12	14	14	32.5	8.45	78.50	104.0	4.9	
2217	1969	08	02	13	50	0.0	8.45	77.31	33.0N	4.7	
2580	1971	03	16	00	25	3.0	8.46	77.81	34.0	4.8	
306	1945	11	13	02	46	38.0	8.50	79.50			
494	1955	05	03	12	50	5.0	8.50	79.50			
521	1956	02	18	17	48	40.0	8.50	79.50			
177	1939	11	26	06	26	18.0	8.50	77.50	130.0		5.5 PAS
313	1946	11	10	17	42	53.0	8.50	77.50			7.3 PAS
541	1956	10	29	15	42	8.0	8.50	77.00	60.0		
451	1954	02	26	15	38	15.0	8.50	76.00	150.0		
504	1955	08	17	10	42	37.0	8.50	76.00	150.0		
2229	1969	08	22	12	59	47.3	8.51	77.00	28.0	4.5	
3627	1976	02	29	03	45	53.0	8.54	79.43	65.0D	4.9	
4571	1981	06	14	16	31	2.1	8.54	79.69	37.0D	4.6	

## GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3179	1974	01	14	17	35	17.0	8.56	77.74	33.0	5.2	4.5 H
2173	1969	05	21	00	40	27.4	8.56	77.18	78.0	4.2	
3178	1974	01	14	15	52	47.3	8.57	77.55	4.0	5.2	4.4 H
3129	1973	10	23	14	20	51.5	8.57	78.37	33.0N	4.8	4.5 H
2186	1969	06	11	21	15	32.6	8.59	79.69	81.0	5.0	
762	1961	06	27	05	39	57.7	8.60	76.10	33.0N		
4654	1981	09	10	19	41	60.0	8.62	77.11	226.8	4.2	
3554	1975	08	10	05	23	59.4	8.64	79.58	80.0	4.7	
5113	1983	06	25	19	00	29.7	8.68	80.00	26.9	5.1	4.3 Z
3039	1973	06	10	05	05	3.5	8.69	79.92	0.0A		
886	1962	11	15	23	25	15.7	8.70	79.80	45.0		6.0 PAS
1027	1963	12	10	07	26	36.5	8.70	79.80	33.0	4.5	
766	1961	07	03	14	49	30.3	8.70	79.10	57.0		
1092	1964	04	03	13	46	38.0	8.70	78.70	82.0	4.6	
3235	1974	04	13	02	27	41.8	8.70	78.41	80.0D	4.8	
3277	1974	06	19	23	25	45.3	8.73	76.15	32.0	4.4	
3057	1973	07	10	23	39	16.4	8.73	77.29	27.2	4.5	
3135	1973	11	02	04	27	14.4	8.74	79.39	52.0	4.5	
4132	1979	03	17	16	51	1.1	8.77	79.54	44.0D	4.9	4.0 Z
5134	1983	09	01	19	24	22.1	8.78	79.65	33.0N	4.7	
2371	1970	06	01	06	11	56.7	8.79	77.24	45.0	4.7	
1560	1966	09	07	12	07	2.4	8.80	79.90	55.0	4.2	
1310	1965	07	23	15	13	22.4	8.80	79.50	43.0	5.3	
1641	1966	12	01	11	41	37.2	8.80	79.40	33.0	4.1	
2449	1970	09	03	09	02	32.1	8.80	78.20	65.0	4.2 ISC	
947	1963	06	30	12	43	56.5	8.80	77.90	94.0	4.2	
2688	1971	11	27	07	34	59.8	8.84	79.04	81.0	4.6	
1171	1964	10	02	20	41	47.7	8.90	79.70	55.0	4.6	
3883	1977	07	19	00	48	32.2	8.91	76.93	123.0	4.7	
3982	1978	03	29	07	30	3.1	8.97	79.81	33.0N	4.7	
3921	1977	10	02	18	46	35.6	8.98	79.18	46.0	5.3	4.7 Z
659	1959	10	13	20	52	25.0	9.00	79.50			
2427	1970	07	10	08	45	32.0	9.00	79.10	40.0	4.5 ISC	
138	1937	06	22	05	34	3.0	9.00	79.00	150.0		5.8 PAS
431	1953	04	05	14	29	48.0	9.00	79.00			
633	1959	05	05	05	30	15.0	9.00	78.50			
363	1950	07	17	08	56	30.0	9.00	78.00			
2871	1972	09	08	14	57	21.8	9.03	79.09	0.0A		
4387	1980	10	01	14	21	15.3	9.03	76.70	33.0N		
4180	1979	06	15	01	00	6.4	9.08	79.34	51.0	4.8	
2566	1971	01	16	20	54	30.9	9.09	78.83	75.0G	5.3	
1282	1965	06	04	14	53	27.7	9.10	79.10	33.0	4.3	
904	1963	02	03	11	18	9.3	9.10	77.10	33.0		

## EARTHQUAKE CATALOG OF PERU

III- 47

GRID NO. 10

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>				mb	Ms
5237	1984 07 03	08 44 18.3	9.11	79.43	30.1	4.7	
3274	1974 06 15	00 11 55.0	9.13	78.71	62.0D	4.9	
2428	1970 07 10	16 59 1.9	9.14	78.78	60.0G	4.7	
3868	1977 06 08	01 44 43.4	9.15	79.34	39.0	4.7	3.7 Z
2961	1973 02 28	13 36 39.6	9.15	77.57	33.0N	4.8	
2355	1970 05 31	20 23 27.3	9.18	78.82	43.0G	6.6	7.8 H 7.6 PAS
4286	1980 03 02	10 03 28.0	9.19	78.92	33.0N	5.1	
2870	1972 09 08	10 20 20.2	9.20	79.08	47.0	4.4	
1121	1964 05 31	19 58 9.9	9.20	79.50	40.0	4.3	
1323	1965 08 07	05 26 7.4	9.20	78.70	70.0	4.4	
1076	1964 03 07	20 53 28.0	9.20	78.00	0.0	4.2	ISC
1801	1967 09 04	16 06 8.7	9.20	77.30	33.0	4.8	
3650	1976 04 29	23 30 17.0	9.20	79.27	68.0	5.0	
2578	1971 03 01	17 21 9.9	9.21	78.87	74.0	5.0	
2417	1970 06 30	06 21 3.9	9.22	79.02	56.0D	5.4	
3785	1977 02 12	14 08 41.5	9.23	79.76	54.0	4.7	
3741	1976 10 18	18 36 36.7	9.24	79.02	62.0	5.3	
2370	1970 06 01	06 05 43.0	9.24	77.59	34.0	5.2	ISC
2438	1970 08 05	05 25 57.6	9.24	78.91	69.0D	5.6	
82	1931 04 03	01 56 11.0	9.25	79.00			6.3 PAS
2624	1971 06 22	14 38 3.7	9.26	79.22	58.0	4.8	
2564	1971 01 14	03 06 46.2	9.28	79.06	54.0D	5.1	
3515	1975 05 18	05 10 55.4	9.29	78.94	66.0D	5.2	
2365	1970 06 01	01 36 10.2	9.30	79.00	49.0D	6.0	5.5 H 5.4 BRK
823	1962 01 29	06 07 22.0	9.30	79.10	100.0		
855	1962 07 15	14 43 50.1	9.30	78.90	80.0		
2459	1970 10 05	22 10 7.1	9.34	79.00	62.0	4.9	
3215	1974 03 11	17 03 13.1	9.35	78.43	97.0	5.1	
3088	1973 08 07	15 54 23.0	9.36	78.82	77.0	4.9	
4211	1979 08 24	11 06 28.4	9.37	79.81	33.0N	4.6	
4136	1979 03 29	05 14 5.6	9.38	78.85	68.0	4.9	3.8 ISC
3541	1975 07 08	19 17 2.2	9.38	79.09	62.0	4.9	
5247	1984 08 01	15 16 40.3	9.39	78.85	65.4	5.2	
4096	1979 01 15	06 54 20.4	9.39	78.46	23.0	4.9	
842	1962 04 19	20 18 20.5	9.40	79.00	25.0		
1371	1965 11 06	01 06 6.6	9.40	79.00	59.0	4.7	
3166	1973 12 22	17 44 42.6	9.40	76.53	0.0A		
2141	1969 03 11	17 50 16.8	9.44	78.75	80.0	4.8	
4273	1980 01 20	07 49 25.7	9.46	79.36	33.0N	4.9	
4838	1982 04 21	02 12 19.0	9.48	78.82	64.0D	5.2	4.2 ISC
3024	1973 05 12	00 44 21.3	9.49	78.62	54.0D	4.8	



## GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2450	1970	09	08	08	44	35.8	9.49	78.97	78.0	4.8	
2481	1970	11	22	08	22	2.0	9.50	79.90	33.0	4.7	ISC
380	1951	01	02	23	12	4.0	9.50	79.50	200.0		
1214	1965	01	06	15	26	32.8	9.50	79.40	44.0	4.5	
1523	1966	07	15	04	23	48.5	9.50	78.80	33.0	4.4	
2359	1970	05	31	21	45	3.6	9.51	78.21	50.0G	4.6	
2476	1970	11	15	14	43	36.4	9.51	79.37	33.0N	4.9	
2774	1972	05	20	22	24	55.0	9.52	79.07	0.0A		
2393	1970	06	04	22	59	51.9	9.52	79.19	55.0G	5.3	
3640	1976	03	25	07	08	42.4	9.53	78.67	97.0	4.8	
3506	1975	04	27	18	49	53.0	9.53	79.34	68.0	4.6	
789	1961	08	31	14	58	59.0	9.60	78.70	60.0		
804	1961	10	25	08	54	34.6	9.60	78.40	110.0		
1486	1966	05	25	23	21	27.6	9.60	77.10	165.0	4.2	
1125	1964	06	04	11	46	1.7	9.60	76.10	124.0	5.3	
2980	1973	03	17	08	28	9.3	9.63	77.79	73.9	4.6	
2999	1973	04	11	09	18	34.3	9.64	78.97	55.0D	4.3	
2398	1970	06	07	11	36	7.4	9.64	78.72	65.0	4.7	
3971	1978	02	15	15	05	42.3	9.64	78.05	61.8	5.3	GS
2441	1970	08	11	06	01	31.2	9.66	78.89	46.0	4.9	
3489	1975	03	31	10	33	11.8	9.66	79.76	33.0N	4.9	
4235	1979	11	02	15	14	16.2	9.66	76.13	146.0A	4.2	
3150	1973	11	17	07	14	35.3	9.67	78.96	54.6		
2372	1970	06	01	06	19	21.6	9.67	78.86	55.0G	4.8	
2664	1971	09	30	10	21	22.5	9.68	78.82	33.0N	4.7	
3140	1973	11	06	18	20	16.6	9.69	79.19	0.0A		
1349	1965	09	24	09	40	44.5	9.69	79.10	104.0	4.3	ISC
2553	1971	01	03	23	31	10.7	9.70	78.65	65.0G	4.3	
1302	1965	07	08	23	51	19.9	9.70	79.70	33.0	4.3	
849	1962	06	16	14	13	34.3	9.70	79.10	31.0		
1033	1963	12	19	17	04	7.8	9.70	79.10	56.0	5.1	
957	1963	07	26	23	48	26.5	9.70	78.50	62.0	4.9	
2406	1970	06	15	00	42	50.6	9.70	78.85	51.0D	5.4	
2437	1970	08	04	23	17	49.0	9.70	78.50	50.0G	4.5	
2425	1970	07	08	23	31	4.6	9.72	78.52	50.0G	4.7	
2423	1970	07	06	12	51	0.6	9.73	78.83	60.0G	4.2	
4168	1979	06	04	12	10	44.4	9.73	79.77	38.0	5.0	4.6 Z
2909	1972	11	05	21	56	20.5	9.74	78.71	61.0	5.0	
2401	1970	06	08	11	31	8.4	9.74	78.58	60.0G	4.9	
3553	1975	08	10	04	20	15.2	9.75	79.04	33.0N	4.7	
3803	1977	03	13	15	36	7.1	9.75	79.89	33.0N	4.9	
2935	1972	12	21	10	19	27.8	9.75	78.69	45.0D	4.4	
2377	1970	06	02	01	37	22.7	9.76	78.80	58.0D	5.7	5.4 BRK

## EARTHQUAKE CATALOG OF PERU

III-49

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2721	1972	03	13	17	35	15.0	9.76	78.72	35.0	5.0	3.5 Z
2415	1970	06	27	09	45	28.5	9.77	78.59	62.0D	5.6	
2362	1970	06	01	00	41	10.5	9.77	78.63	55.0G	4.9	
3581	1975	10	18	22	57	56.3	9.77	79.86	33.0N	4.9	
4269	1980	01	13	12	02	17.6	9.78	78.65	63.0D	5.3	
2394	1970	06	05	05	56	38.1	9.78	78.56	62.0	5.0	4.8 BRK
2181	1969	06	01	06	07	11.3	9.78	78.91	44.0	4.8	
3023	1973	05	11	00	44	12.1	9.79	79.43	0.0A		
2376	1970	06	01	19	15	5.9	9.79	78.82	55.0D	5.2	
2397	1970	06	07	09	00	3.4	9.79	78.85	64.0	4.7	
2356	1970	05	31	20	45	52.7	9.79	78.59	55.0D	6.0	6.2 PAS
2898	1972	10	22	08	22	10.6	9.79	78.63	62.0D	5.2	
3137	1973	11	04	03	08	16.1	9.80	78.85	57.0	4.2	
841	1962	04	19	02	18	55.9	9.80	78.90	23.0		
2588	1971	04	12	04	08	32.0	9.80	78.70	60.0D	5.0	
2390	1970	06	04	04	09	26.3	9.80	78.63	57.0D	5.8	4.7 H
2410	1970	06	21	15	13	37.8	9.80	78.67	51.0D	5.4	
2391	1970	06	04	16	48	22.6	9.81	78.75	48.0D	5.2	
3839	1977	05	10	06	49	33.4	9.82	77.10	26.0	4.5	
2363	1970	06	01	00	56	40.8	9.82	78.91	45.0G	5.1	
4368	1980	08	22	08	53	46.8	9.82	79.82	33.0N	4.6	4.7 H
4124	1979	03	02	19	17	17.2	9.82	78.97	33.0N	4.8	
2420	1970	07	03	15	08	14.9	9.84	78.94	33.0N	5.0	
2462	1970	10	09	15	53	12.5	9.85	78.78	33.0N	5.0	
2357	1970	05	31	21	03	45.0	9.85	78.81	33.0N	5.6	
3294	1974	07	14	19	08	58.1	9.85	79.14	0.0A		4.7 H
3161	1973	12	03	05	08	7.6	9.85	79.49	33.0N	4.7	
2817	1972	07	05	00	59	36.9	9.89	78.60	58.0	5.0	
3462	1975	01	21	14	25	23.1	9.89	79.10	35.0	5.4	
1341	1965	09	14	07	17	58.0	9.89	76.10	142.0	4.3 ISC	
962	1963	08	05	08	46	59.7	9.90	79.00	31.0	4.8	4.7 H
2985	1973	03	21	13	40	56.4	9.91	79.19	0.0A		
2386	1970	06	03	11	09	16.5	9.94	78.84	50.0G	4.7	
2480	1970	11	19	13	19	53.1	9.94	78.81	97.0	4.7	
3740	1976	10	17	03	58	39.3	9.94	77.49	33.0A	4.9	
3214	1974	03	08	12	45	21.6	9.95	79.39	57.0	4.9	4.7 H
2440	1970	08	09	02	20	9.8	9.95	78.67	50.0G	4.6	
2374	1970	06	01	16	37	8.2	9.96	79.05	45.0G	4.5	
3471	1975	02	11	12	03	39.2	9.96	79.24	33.0N	4.6	
4313	1980	04	12	09	14	44.4	9.96	78.44	33.0A	4.6	
4477	1981	03	18	03	39	44.1	9.97	78.39	91.0	4.6	4.7 H
2403	1970	06	12	01	38	27.2	9.98	78.80	67.0	4.9	
2375	1970	06	01	17	59	27.1	9.98	78.75	49.0D	5.1	

## III-50

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4566	1981	06	06	15	01	30.7	9.99	78.82	47.0D	4.8	
1592	1966	10	17	23	46	51.5	10.00	79.50	39.0	5.2	
1614	1966	10	27	12	08	34.1	10.00	79.50	33.0	5.0	
42	1925	11	17	00	17	45.0	10.00	79.00			
519	1956	02	18	01	37	16.0	10.00	79.00			
840	1962	04	18	19	14	37.2	10.00	79.00	39.0	6.7	
965	1963	08	15	14	36	1.2	10.00	78.60	80.0	4.4	
229	1942	08	13	19	28	6.0	10.00	78.00			
2358	1970	05	31	21	23	40.3	10.00	78.74	45.0D	5.0	
2407	1970	06	15	11	32	31.3	10.01	78.42	33.0N	4.7	
2361	1970	05	31	23	19	32.1	10.01	78.72	46.0	4.8	
2388	1970	06	04	02	41	21.4	10.03	78.52	33.0N	4.7	
2509	1970	12	11	22	38	35.5	10.03	79.26	45.0	4.5	
2378	1970	06	02	01	53	33.4	10.05	78.74	47.0	4.6	
2687	1971	11	19	06	10	17.3	10.06	78.93	51.0D	4.6	
4919	1982	08	15	06	11	16.0	10.06	76.35	106.1	5.5	
4696	1981	10	31	10	14	1.6	10.06	79.73	31.0D	5.3	4.9 Z
2402	1970	06	11	07	30	51.4	10.10	78.67	50.0G	5.3	
2979	1973	03	15	09	50	7.0	10.10	79.24	0.0A		
1594	1966	10	18	01	53	43.0	10.10	78.60	33.0	4.3	
2418	1970	07	02	00	45	2.0	10.11	78.59	62.0	5.8	5.3 BRK
3087	1973	08	07	09	49	10.4	10.12	78.99	0.0A		
2419	1970	07	02	12	47	7.8	10.13	78.68	60.0G	4.9	
2373	1970	06	01	09	45	33.5	10.13	78.61	48.0D	4.8	
2575	1971	02	06	17	30	19.4	10.14	78.51	51.0	4.8	
2400	1970	06	07	20	49	44.3	10.14	78.40	100.0	4.3	
2380	1970	06	02	03	39	26.9	10.15	78.77	55.0	4.8	
2430	1970	07	13	08	18	54.4	10.15	78.73	45.0G	4.4	
2367	1970	06	01	02	45	21.5	10.15	78.73	66.0D	5.8	5.3 BRK
3303	1974	07	27	23	48	19.8	10.15	78.60	95.0	4.8	
2366	1970	06	01	02	21	38.9	10.16	78.72	55.0D	5.0	
2589	1971	04	14	18	35	35.5	10.17	78.84	45.0D	4.5	
2635	1971	07	25	22	01	44.1	10.17	78.63	52.0	5.0	
2364	1970	06	01	01	12	29.8	10.18	78.70	45.0G	5.1	
3463	1975	01	22	03	34	26.0	10.19	79.56	36.6	4.3	
2369	1970	06	01	05	15	29.2	10.19	78.61	45.0G	5.2	
2382	1970	06	02	10	35	46.0	10.19	78.75	58.0	5.0	
1460	1966	04	03	09	17	26.2	10.20	79.60	17.0	4.6	
2414	1970	06	27	05	59	53.0	10.20	79.20	87.0	4.8 ISC	
1453	1966	03	24	14	17	30.0	10.20	79.10	48.0	5.4 ISC	
2422	1970	07	06	06	35	4.9	10.20	78.65	67.0	4.9	
2384	1970	06	02	18	52	16.4	10.21	78.77	33.0N	4.8	
2385	1970	06	03	02	02	17.5	10.22	78.66	45.0G	5.0	

## EARTHQUAKE CATALOG OF PERU

III-51

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4703	1981	11	04	01	10	22.8	10.22	79.76	33.0A	4.4	
2360	1970	05	31	21	48	4.4	10.22	78.60	51.0D	5.6	4.8 BRK
2383	1970	06	02	18	02	38.4	10.23	78.68	44.0D	5.3	
4010	1978	05	20	13	10	31.1	10.23	78.52	50.0D	5.6	5.5 Z
2381	1970	06	02	04	39	55.1	10.24	78.57	62.0	4.6	
3060	1973	07	14	04	25	15.7	10.24	79.33	54.0	4.7	
3281	1974	06	23	11	47	10.4	10.24	77.47	88.6	4.6	
2368	1970	06	01	04	44	46.1	10.25	78.69	46.0D	5.6	5.1 BRK
3221	1974	03	19	10	06	39.4	10.26	76.26	33.0A		
3703	1976	08	06	14	31	20.0	10.29	78.67	60.0	5.2	
2431	1970	07	14	22	04	44.7	10.30	78.81	48.0	4.8	
391	1951	07	02	18	13	19.0	10.30	79.50	150.0		
1602	1966	10	19	02	17	44.3	10.30	79.50	33.0	5.0	
1590	1966	10	17	23	04	23.3	10.30	78.60	41.0	5.1	
1798	1967	08	31	14	06	36.5	10.30	78.10	62.0	5.0	
892	1962	12	05	11	38	10.6	10.30	77.90	50.0		
4607	1981	07	16	05	27	59.5	10.31	77.87	33.0N	4.6	
2653	1971	09	15	11	24	18.1	10.31	78.68	43.0	4.9	
4551	1981	05	18	07	17	13.4	10.32	78.40	58.0D	5.2	
3691	1976	07	02	20	20	21.1	10.32	78.57	45.0	4.8	
4595	1981	07	04	15	14	28.6	10.34	77.48	95.4	4.8	
2584	1971	03	23	10	27	4.4	10.35	78.48	91.0	4.7	
2379	1970	06	02	02	32	10.7	10.37	78.74	42.0D	4.3	
3329	1974	09	19	00	08	37.7	10.38	78.95	35.0	4.6	
1800	1967	09	04	05	32	15.3	10.40	79.30	46.0	4.7	
4014	1978	05	24	14	00	8.0	10.42	78.71	67.0		
3237	1974	04	14	06	38	8.8	10.47	78.52	69.0	4.8	
4102	1979	01	24	23	03	32.8	10.48	79.17	33.0N	4.9	
3666	1976	05	23	16	32	33.0	10.49	78.32	73.0D	5.9	
1804	1967	09	13	15	13	46.9	10.50	79.50	33.0	4.7	
188	1940	05	24	16	33	57.0	10.50	77.00			8.4 PAS
154	1937	12	24	06	20	40.0	10.50	76.50			6.3 PAS
4415	1980	11	16	08	45	28.1	10.51	76.68	264.0	4.2	
4163	1979	05	31	12	44	9.9	10.54	78.58	75.0	4.5	
2446	1970	08	25	04	41	54.1	10.55	79.36	70.0	4.1	
1799	1967	09	03	21	07	30.8	10.60	79.80	38.0	6.5	
1597	1966	10	18	08	26	7.7	10.60	79.50	30.0	4.9	
2389	1970	06	04	02	53	28.0	10.60	79.30	55.0	4.3	ISC
1651	1966	12	18	23	59	33.9	10.60	79.00	38.0	4.7	
1595	1966	10	18	01	56	16.5	10.60	78.90	40.0	4.6	
1645	1966	12	09	13	32	35.0	10.60	78.90	33.0	4.6	
1624	1966	11	08	14	55	35.4	10.60	78.50	33.0	4.5	
976	1963	09	17	05	54	33.7	10.60	78.20	61.0	5.5	

III-52

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1588	1966	10	17	21	53	14.0	10.60	78.20	43.0	5.5	
984	1963	09	24	16	30	16.0	10.60	78.00	80.0	6.0	
1899	1968	03	28	02	00	35.7	10.60	77.00	50.0	4.2	
3966	1978	01	30	07	03	49.1	10.65	79.99	33.0A	5.0	5.3
3518	1975	05	23	19	26	12.8	10.66	78.54	62.0	5.0	
3714	1976	08	28	21	50	37.8	10.67	78.19	59.0	5.1	3.7 Z
3735	1976	10	09	21	10	28.6	10.68	79.49	64.0	5.1	
2308	1970	01	24	12	53	37.8	10.69	77.60	2.0	4.7	
1636	1966	11	19	18	20	29.2	10.70	79.10	26.0	4.8	
2794	1972	06	08	03	02	37.5	10.70	79.04	29.0D	5.0	
900	1963	01	17	04	22	19.3	10.70	79.00	21.0		
1608	1966	10	20	23	50	54.3	10.70	79.00	39.0	4.6	
1617	1966	10	29	15	42	12.2	10.70	79.00	30.0	4.7	
1616	1966	10	29	15	32	20.2	10.70	78.90	30.0	5.0	
1587	1966	10	17	21	41	54.7	10.70	78.80	24.0	6.3	
1591	1966	10	17	23	32	37.3	10.70	78.80	30.0	5.0	
1611	1966	10	25	14	53	9.0	10.70	78.80	51.0	4.5	
1589	1966	10	17	22	26	40.4	10.70	78.70	25.0	5.1	
1820	1967	10	16	01	31	49.6	10.70	77.60	89.0	4.7	
2779	1972	05	23	23	01	49.9	10.71	78.27	109.2		
4260	1980	01	02	22	30	24.2	10.71	79.15	17.0	5.3	6.3 ISC
4015	1978	05	25	10	13	16.4	10.72	78.89	67.0	4.2	
3148	1973	11	12	14	20	36.1	10.72	79.16	33.0N	5.0	4.4 H
3419	1974	11	12	00	53	54.2	10.73	79.08	33.0N	5.0	4.5 H
5036	1982	12	31	02	46	50.7	10.74	78.96	28.0D	5.0	3.9 Z
4261	1980	01	02	23	08	25.2	10.77	79.10	15.0	5.1	
1689	1967	03	22	05	05	18.8	10.77	78.96	33.0N	4.7	
4068	1978	11	10	07	31	20.0	10.78	79.18	33.0N	4.3	
1599	1966	10	18	11	02	2.9	10.80	79.20	25.0	4.6	
1551	1966	08	27	15	42	52.3	10.80	79.00	33.0	4.1	
1601	1966	10	19	00	51	4.3	10.80	79.00	25.0	4.5	
1605	1966	10	19	17	37	56.9	10.80	79.00	43.0	4.8	
1606	1966	10	19	22	23	37.0	10.80	79.00	33.0	4.3	
1610	1966	10	23	15	32	52.6	10.80	79.00	30.0	5.0	
1657	1966	12	26	20	29	42.3	10.80	79.00	19.0	4.6	
1729	1967	06	03	06	11	7.8	10.80	79.00	33.0	4.6	
1593	1966	10	18	01	03	44.0	10.80	78.90	40.0	4.3	
918	1963	03	31	05	51	0.5	10.80	78.50	32.0	5.5	
1545	1966	08	23	01	37	14.7	10.80	78.10	117.0	4.4	
753	1961	05	21	08	34	0.3	10.80	77.90	80.0		
5073	1983	04	08	07	19	3.5	10.82	78.29	33.0N	4.8	
3008	1973	04	25	16	51	14.9	10.83	76.45	131.0	4.6	
4786	1982	02	13	09	01	1.7	10.84	78.74	33.0N	4.8	

## EARTHQUAKE CATALOG OF PERU

III-53

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3063	1973	07	19	13	55	38.0	10.85	79.18	0.0A		
4264	1980	01	04	07	32	49.8	10.85	79.18	33.0N	5.1	
4262	1980	01	03	21	06	40.7	10.87	79.09	33.0N	5.3	
4259	1980	01	02	22	27	12.1	10.87	79.12	33.0N	5.2	
2443	1970	08	14	05	41	39.6	10.88	79.11	45.0G	4.6	4.1 H
2620	1971	06	10	06	47	34.6	10.90	76.23	99.0	5.7	
1600	1966	10	18	12	52	12.8	10.90	79.20	25.0	4.7	
791	1961	09	06	15	30	20.4	10.90	79.10	45.0		
1615	1966	10	29	04	45	36.0	10.90	77.60	27.0	4.3	
5249	1984	08	07	19	13	51.9	10.91	79.03	33.0N	4.9	
2396	1970	06	06	09	10	6.8	10.92	79.08	56.0	4.1	
5200	1984	03	24	21	28	43.3	10.93	78.60	46.9D	4.8	
2085	1968	11	25	02	13	5.0	10.94	76.23	156.0	4.7	
2657	1971	09	22	22	14	59.9	10.94	78.09	59.0	5.3	
2432	1970	07	16	23	57	1.4	10.95	76.42	117.0	4.9	
3586	1975	10	29	06	18	42.3	10.98	78.11	58.0D	5.5	
2416	1970	06	29	03	02	31.0	11.00	79.20	45.0	4.9	ISC
281	1944	06	29	11	29	48.0	11.00	79.00			
320	1949	01	06	11	42	17.0	11.00	79.00			
1598	1966	10	18	09	00	1.0	11.00	78.80	33.0	4.0	
409	1952	04	06	18	12	55.0	11.00	78.20			
1787	1967	08	22	07	42	44.7	11.00	78.20	53.0	5.0	
558	1957	06	12	10	02	37.0	11.00	78.00			
175	1939	11	06	20	58	30.0	11.00	77.00			
508	1955	08	29	23	12	3.0	11.00	76.50			
522	1956	03	12	02	15	57.0	11.00	76.50			
299	1945	08	19	05	30	26.0	11.00	76.00			
5216	1984	05	08	16	15	56.0	11.03	76.65	109.7	4.7	
2042	1968	08	29	04	02	9.2	11.05	76.56	106.0	4.3	
4072	1978	11	14	06	40	58.1	11.06	78.66	33.0N	4.8	
1690	1967	03	22	05	20	15.8	11.07	79.24	33.0N	4.6	
4444	1981	01	06	08	40	56.7	11.08	79.36	33.0A	4.2	
4199	1979	08	01	16	40	54.5	11.09	77.96	73.0	5.2	
4621	1981	07	29	11	10	4.5	11.09	77.49	33.0N		
1603	1966	10	19	06	05	56.0	11.10	79.10	33.0	4.5	
1609	1966	10	23	03	46	15.0	11.10	79.10	32.0	4.6	
738	1961	03	17	10	06	28.1	11.10	78.80	60.0		
4615	1981	07	22	07	40	53.9	11.12	78.14	39.0D	4.9	
3417	1974	11	11	07	23	22.3	11.13	78.90	33.0N	4.7	
4029	1978	07	03	10	00	2.7	11.13	76.09	121.0	4.7	
2572	1971	01	30	10	19	55.8	11.14	77.92	61.0D	4.8	
4265	1980	01	05	05	13	29.3	11.16	79.17	33.0N	5.0	
4841	1982	04	25	14	39	14.3	11.17	78.57	33.0N	4.9	

## III-54

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
856	1962	07	16	04	49	21.5	11.20	79.80	75.0		
1901	1968	04	07	13	16	31.6	11.20	79.30	14.0	4.5	
2404	1970	06	12	03	00	16.0	11.20	79.30	70.0	4.3	ISC
1720	1967	05	14	11	48	48.0	11.20	77.70	33.0	4.4	ISC
903	1963	01	28	02	12	13.3	11.20	76.90	110.0		
1866	1968	01	01	08	16	15.3	11.20	76.00	132.0	4.4	
2676	1971	10	23	07	49	4.9	11.21	79.36	33.0N	4.9	
2691	1971	11	29	20	14	12.2	11.24	77.75	54.0D	5.3	
1770	1967	07	24	04	45	23.2	11.30	79.50	33.0	4.8	
1736	1967	06	09	05	44	36.7	11.30	79.40	33.0	4.0	
1596	1966	10	18	04	42	55.3	11.30	78.50	25.0	4.4	
981	1963	09	20	04	00	36.1	11.30	77.60	33.0	4.5	
1734	1967	06	08	18	10	0.4	11.30	76.90	145.0	4.3	
5151	1983	11	01	09	54	32.1	11.32	77.99	81.4	4.9	
4667	1981	09	28	11	20	37.9	11.37	77.86	147.1	3.9	
3994	1978	04	22	08	43	14.2	11.38	78.32	51.0	4.5	
1604	1966	10	19	07	25	41.7	11.40	78.40	30.0	4.4	
189	1940	05	24	21	57	54.0	11.40	78.10			
1893	1968	03	12	12	35	52.0	11.40	76.90	31.0	4.5	
2153	1969	04	03	03	47	18.0	11.40	76.60	33.0	4.8	ISC
2175	1969	05	25	05	20	59.2	11.40	79.54	33.0N	4.2	
4870	1982	06	15	20	26	18.9	11.44	76.67	33.0A		
4794	1982	02	24	16	48	16.3	11.44	76.39	33.0N		
4001	1978	04	29	08	36	44.0	11.47	77.44	10.0G		
2473	1970	11	10	04	47	48.9	11.50	79.66	50.0G	4.3	
3509	1975	04	30	10	48	27.4	11.50	76.93	0.0A		
517	1956	02	10	12	38	35.0	11.50	79.00			
463	1954	05	30	04	41	0.0	11.50	78.00			
550	1957	02	18	23	49	52.0	11.50	78.00	100.0		6.6 PAS
487	1955	02	10	04	06	12.0	11.50	77.50			
184	1940	01	30	11	56	55.0	11.50	77.00	50.0		5.6 PAS
206	1941	05	11	05	08	0.0	11.50	76.90			
1550	1966	08	27	00	59	35.5	11.50	76.50	123.0	4.3	
540	1956	10	19	01	28	53.0	11.50	76.00	100.0		
5062	1983	03	02	07	07	41.0	11.53	77.80	57.6	5.6	
3481	1975	03	05	16	39	13.0	11.55	77.48	52.0	4.5	
2736	1972	04	03	01	29	48.9	11.57	76.49	99.0	5.1	
4722	1981	11	24	11	20	40.1	11.57	76.07	33.0A		
4038	1978	07	29	12	33	58.5	11.60	76.49	98.0	5.0	3.5 ISC
950	1963	07	05	05	48	13.4	11.60	77.50	55.0	5.8	
2454	1970	09	17	12	08	0.5	11.61	78.59	60.0G	4.3	
4312	1980	04	10	00	46	3.2	11.61	77.38	77.0	4.9	
2455	1970	09	23	08	31	54.5	11.64	77.50	47.0	4.6	

## EARTHQUAKE CATALOG OF PERU

III-55

GRID NO. 10

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2992	1973	03	31	16	09	29.0	11.66	76.51	0.0A		
3962	1978	01	22	16	48	2.0	11.69	77.67	63.7	5.1	GS
925	1963	04	28	05	22	5.0	11.70	78.10	10.0	5.2	
945	1963	06	27	13	15	15.7	11.70	77.60	33.0	4.2	
3558	1975	08	11	10	39	18.8	11.73	77.75	74.0D	5.6	
4695	1981	10	30	14	20	16.7	11.73	76.71	45.6		
3049	1973	06	26	04	02	59.3	11.74	78.22	0.0A		
3507	1975	04	29	07	13	39.3	11.76	77.64	0.0A		
4835	1982	04	18	18	43	8.1	11.79	76.05	133.0	4.5	
4374	1980	09	08	12	48	6.8	11.80	76.17	33.0A		
3368	1974	10	06	13	43	47.3	11.82	77.63	0.0A		
4614	1981	07	22	02	44	27.8	11.84	77.80	65.2	4.6	
3162	1973	12	04	21	58	25.1	11.85	78.34	0.0A		
891	1962	11	25	12	48	44.3	11.90	77.30	33.0		
2611	1971	05	26	08	12	20.7	11.91	76.87	145.6	3.8	
3699	1976	07	24	05	49	2.4	11.92	77.60	33.0N	4.8	
4895	1982	07	30	07	09	15.4	11.94	76.36	33.0N		
3208	1974	02	15	08	36	8.1	11.95	77.73	33.0A		
3370	1974	10	06	18	57	55.2	11.96	77.29	0.0A		
4086	1978	12	26	04	25	28.1	11.96	77.77	33.0N	4.8	
4639	1981	08	22	04	13	15.8	11.99	77.10	33.0N		
3615	1976	01	18	23	28	49.9	12.00	77.53	33.0N	4.8	
15	1921	11	02	07	56	40.0	12.00	78.50			
122	1935	03	09	02	54	37.0	12.00	78.00	150.0		5.8 PAS
538	1956	09	29	11	31	40.0	12.00	78.00			
86	1932	01	20	02	30	50.0	12.00	77.50	100.0		6.8 PAS
427	1953	02	15	09	32	25.0	12.00	77.50			
284	1944	08	10	15	27	12.0	12.00	77.00			



## GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2719	1972	03	09	22	52	15.9	8.01	74.00	0.0A	4.8	
3804	1977	03	13	21	14	32.2	8.04	74.41	161.0D	5.1	
2679	1971	10	28	23	41	56.1	8.04	74.38	154.0	4.9	
4358	1980	07	25	00	11	43.1	8.06	74.52	168.0	4.6	
808	1961	11	11	21	46	59.5	8.10	75.00	117.0		
1780	1967	08	05	08	26	17.7	8.10	74.90	33.0	4.5	ISC
1483	1966	05	21	07	44	20.1	8.10	74.40	160.0	4.5	
4781	1982	02	05	05	14	36.0	8.12	74.40	161.6	4.9	
4426	1980	12	12	07	26	19.3	8.14	72.11	295.0A	4.1	
4090	1978	12	28	09	55	7.5	8.15	74.65	187.4		
3261	1974	05	28	22	49	34.1	8.17	73.88	165.0	4.2	
2815	1972	07	03	16	21	18.7	8.18	74.30	131.0	4.5	
1128	1964	06	08	16	55	45.4	8.18	74.34	152.0	3.9	ISC
1781	1967	08	05	14	46	32.9	8.20	75.10	132.0	4.3	
833	1962	03	14	12	24	16.5	8.20	75.00	140.0		
1384	1965	11	30	09	46	11.7	8.20	74.30	162.0	4.9	
1738	1967	06	11	06	53	29.8	8.20	74.20	181.0	4.0	
5028	1982	12	21	04	45	2.8	8.21	74.18	158.1	4.6	
1872	1968	01	13	04	03	43.3	8.24	75.20	33.0	4.3	ISC
4063	1978	10	24	04	40	53.0	8.25	74.40	168.0	4.2	
4663	1981	09	20	02	54	3.6	8.27	74.37	157.0D	4.7	
3289	1974	07	04	10	38	20.8	8.28	74.11	160.0	4.4	
4120	1979	02	26	06	33	33.4	8.29	75.11	131.0	4.9	
901	1963	01	17	19	30	59.9	8.30	75.10	124.0		4.0 ISC
1226	1965	01	23	14	48	28.0	8.30	75.10	33.0	4.2	
3711	1976	08	24	00	14	28.0	8.30	74.38	90.0	4.7	
1553	1966	08	31	08	59	14.6	8.30	74.30	150.0	3.9	
1561	1968	09	09	04	04	5.0	8.30	74.20	166.0	5.0	
1629	1966	11	13	14	24	39.8	8.30	74.20	172.0	4.9	
1414	1966	01	13	14	17	10.6	8.30	74.10	180.0	5.1	
1471	1966	05	02	10	55	48.9	8.30	74.10	160.0	4.9	
1816	1967	10	06	16	16	6.8	8.30	74.00	183.0	4.0	
4542	1981	05	09	02	56	7.9	8.33	75.07	205.0A		
5250	1984	08	09	02	00	40.9	8.33	74.54	217.5		
3139	1973	11	05	05	41	34.4	8.34	74.34	174.0	4.6	
3100	1973	09	08	07	46	52.7	8.34	74.18	168.0D	5.6	
5065	1983	03	13	19	12	15.5	8.35	74.35	152.1	4.8	
5142	1983	09	24	00	43	39.2	8.35	74.17	157.0D	4.7	
2335	1970	03	29	08	27	47.7	8.36	73.34	25.0G	4.5	
5012	1982	11	30	22	11	43.0	8.37	74.30	162.1	5.1	
3647	1976	04	18	10	52	43.6	8.39	75.01	135.0D	4.7	
2145	1969	03	17	16	31	42.0	8.39	75.18	33.0N	4.4	
4083	1978	12	22	18	47	39.7	8.39	74.09	168.0	4.4	

## EARTHQUAKE CATALOG OF PERU

III-57

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1489	1966	05	31	08	50	19.8	8.40	74.40	160.0	4.8	6.8 PAS
1470	1966	05	01	16	22	55.5	8.40	74.30	154.0	5.8	
1827	1967	10	27	06	29	33.8	8.40	74.20	144.0	4.7	
1874	1968	01	22	03	44	58.9	8.40	74.20	168.0	4.4	
2183	1969	06	02	11	07	36.6	8.40	74.32	149.0	5.0	
2205	1969	07	15	16	56	50.7	8.41	74.42	166.0	4.7	
5044	1983	01	31	12	27	19.8	8.42	74.22	115.3	4.8	
4352	1980	07	10	17	41	22.4	8.43	75.76	46.5		
4052	1978	09	10	20	22	41.2	8.43	74.43	144.0	4.9	
3532	1975	06	15	17	59	16.7	8.43	74.19	176.0	4.7	
5241	1984	07	24	11	49	58.4	8.43	74.73	132.8D	5.3	6.8 PAS
4391	1980	10	10	19	10	1.8	8.44	74.64	135.0	4.7	
3952	1977	12	26	21	17	33.1	8.44	75.94	15.8		
4294	1980	03	08	02	50	4.0	8.45	74.18	159.0	4.8	
4915	1982	08	12	08	27	29.0	8.46	75.38	33.0N		
2882	1972	09	29	01	20	44.7	8.47	74.99	140.0D	4.6	
3029	1973	05	29	16	38	44.8	8.47	73.97	192.0	4.6	
4724	1981	11	25	17	43	34.0	8.47	74.23	155.7	5.0	
3309	1974	08	09	04	53	30.7	8.48	74.28	159.0D	5.6	
1713	1967	04	30	08	39	7.8	8.49	74.87	136.0D	4.9	
3477	1975	02	22	11	39	34.1	8.50	75.23	97.0	4.4	6.8 PAS
74	1929	05	25	11	59	38.0	8.50	75.50	150.0		
632	1959	04	26	05	21	38.0	8.50	75.25			
1778	1967	08	01	16	49	57.6	8.50	75.00	118.0	4.4	
455	1954	03	27	18	21	3.0	8.50	74.80	128.0		
739	1961	03	24	02	13	14.1	8.50	74.70	175.0		6.3 PAS
84	1931	07	11	05	56	13.0	8.50	74.50	120.0		
294	1945	07	12	09	12	8.0	8.50	74.50	150.0		
518	1956	02	15	12	50	12.0	8.50	74.50	150.0		
672	1960	02	08	19	06	16.0	8.50	74.50	200.0		
1365	1965	10	19	02	02	54.5	8.50	74.40	112.0	4.2	
1730	1967	06	03	13	08	6.8	8.50	74.40	152.0	5.2	
1755	1967	07	03	23	58	14.2	8.50	74.40	92.0	4.4	
404	1952	02	12	01	58	29.0	8.50	74.00	223.0		
725	1961	01	25	18	24	46.7	8.50	74.00	210.0		
1783	1967	08	09	07	14	8.1	8.50	73.80	46.0	5.0	
1010	1963	11	09	23	14	12.6	8.50	72.10	563.0	4.4	
3043	1973	06	14	02	37	45.0	8.50	72.92	0.0A		
1704	1967	04	10	01	57	42.8	8.53	72.93	272.0	4.2	
5246	1984	07	30	07	19	41.9	8.54	75.02	142.9	4.1	
3789	1977	02	24	07	11	50.8	8.55	74.52	138.0	4.9	
1701	1967	04	02	16	37	57.6	8.55	74.37	142.0	4.0	
2902	1972	10	27	15	22	52.9	8.55	74.41	137.0	4.6	

## III-58

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4554	1981	05	23	07	01	59.5	8.55	74.61	222.9A		
5118	1983	07	21	02	33	28.5	8.56	74.66	154.1	4.7	
2020	1968	07	26	14	00	3.6	8.57	74.23	151.0	5.2	
5109	1983	06	21	09	23	55.9	8.58	74.34	149.3	5.2	
741	1961	04	02	11	14	28.1	8.60	75.00	115.0		
1168	1964	09	29	18	46	15.3	8.60	74.50	170.0	4.1	
761	1961	06	27	03	07	47.8	8.60	74.40	170.0		
1868	1968	01	06	14	32	35.7	8.60	74.30	155.0	4.3	
4632	1981	08	16	23	11	21.7	8.60	74.52	149.0D	4.8	
2479	1970	11	16	12	22	21.5	8.60	74.94	139.0D	4.9	
4631	1981	08	16	21	46	53.6	8.61	74.65	147.0D	4.9	
3902	1977	08	20	18	53	55.5	8.62	74.39	155.0D	5.1	
4153	1979	05	15	15	13	4.8	8.62	75.97	143.0	4.8	
3653	1976	05	07	05	10	49.3	8.62	74.72	133.0	5.3	
4305	1980	04	02	23	14	34.1	8.62	74.69	138.0	4.6	
4570	1981	06	10	08	37	17.2	8.62	72.80	33.0A		
3152	1973	11	21	01	13	55.3	8.63	74.44	153.0	4.8	
1698	1967	04	02	01	35	34.9	8.63	75.87	28.0	4.6	
2115	1969	01	14	09	51	29.6	8.64	74.38	150.0G	4.5	
4100	1979	01	21	12	33	47.7	8.65	74.88	134.0	5.0	
5234	1984	06	26	16	47	36.0	8.67	74.40	156.3		
2047	1968	09	09	00	35	18.4	8.67	74.48	144.0D	5.3	
4417	1980	11	21	13	20	33.0	8.68	75.93	33.0A	4.4	
2413	1970	06	24	01	43	40.1	8.68	74.91	123.0	4.5	
5262	1984	09	30	21	31	15.1	8.70	74.39	152.1	5.2	
3960	1978	01	18	05	33	58.4	8.70	74.31	170.0	5.0	
1580	1966	10	13	15	45	15.2	8.70	74.30	150.0	5.2	
4175	1979	06	09	20	50	30.1	8.70	75.87	33.0A		
4342	1980	06	16	21	47	32.5	8.71	74.81	144.0	4.9	
4737	1981	12	08	16	15	26.0	8.72	73.60	111.5	4.9	
2048	1968	09	09	00	37	43.2	8.73	74.52	120.0	6.0	
4775	1982	02	02	07	11	29.2	8.74	74.51	33.0A		
4573	1981	06	18	07	14	42.8	8.75	75.06	160.5		
3790	1977	03	01	01	02	25.6	8.75	74.57	141.0	4.6	
4099	1979	01	19	06	56	15.3	8.76	73.78	247.0		
5217	1984	05	09	17	44	4.3	8.77	74.35	186.3	4.5	
2421	1970	07	05	06	55	46.3	8.77	74.38	140.0D	4.9	
2387	1970	06	04	02	28	45.3	8.78	75.39	70.0	4.5	ISC
1758	1967	07	08	10	24	56.4	8.79	74.48	158.0	4.6	ISC
810	1961	11	18	10	34	5.8	8.80	74.70	50.0		
1256	1965	04	04	20	09	41.1	8.80	74.50	143.0	5.3	
2930	1972	12	17	02	29	55.7	8.80	75.48	0.0A		
4521	1981	04	25	10	42	43.3	8.82	74.49	170.0	5.1	

## EARTHQUAKE CATALOG OF PERU

III-59

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3268	1974	06	07	04	04	13.9	8.82	75.82	25.0	4.9	
4499	1981	04	13	21	32	51.0	8.82	72.90	42.0	5.0	
2982	1973	03	18	18	09	8.9	8.84	74.60	231.3		
4708	1981	11	11	07	52	42.6	8.87	72.93	40.0	4.7	3.7 Z
3780	1977	02	01	14	37	56.8	8.88	74.54	156.0	4.9	
4093	1979	01	06	01	31	47.6	8.88	75.73	33.0N	5.7	5.5 Z 5.7 BRK
3967	1978	02	02	06	15	1.9	8.88	75.68	45.0	4.6	
1870	1968	01	08	23	43	20.4	8.89	74.62	33.0	4.4	ISC
827	1962	02	28	13	44	42.0	8.90	75.80	33.0		
1889	1968	03	04	21	55	2.9	8.90	74.30	51.0	4.5	
2458	1970	10	04	20	20	4.5	8.92	75.60	37.0	4.1	
2129	1969	02	21	00	52	8.6	8.93	75.39	135.0	4.4	
4791	1982	02	24	09	57	49.2	8.95	74.59	240.5	4.2	
3202	1974	02	09	02	02	28.2	8.96	75.06	162.0	4.5	
3157	1973	11	26	10	05	24.8	8.96	75.05	0.0A		
2040	1968	08	27	05	17	35.5	8.98	72.84	49.0	4.9	
4282	1980	02	18	02	45	53.0	8.98	74.78	33.0A		
655	1959	08	28	07	19	12.0	9.00	75.00			
986	1963	10	06	12	10	47.8	9.00	75.00	82.0	4.1	
383	1951	03	13	00	21	9.0	9.00	74.10	96.0		
499	1955	06	03	11	11	15.0	9.00	74.00	150.0		
681	1960	05	12	12	09	24.0	9.00	72.50	60.0		
2868	1972	09	05	19	12	51.9	9.07	72.48	0.0A	5.2	
4977	1982	10	22	23	12	48.3	9.08	74.50	180.8	4.0	
1853	1967	12	11	21	57	1.9	9.10	75.10	33.0	4.5	ISC
1293	1965	06	26	05	55	11.4	9.10	72.90	44.0	4.6	
2924	1972	12	04	20	44	42.7	9.13	74.29	0.0A		
5085	1983	04	21	19	40	55.0	9.17	75.36	107.6	4.5	
3263	1974	05	29	23	51	44.3	9.21	75.09	104.0	4.6	
3881	1977	07	10	03	06	52.2	9.23	75.76	31.0	4.9	
2057	1968	09	18	04	23	40.3	9.27	75.72	41.0	4.3	
4419	1980	11	24	11	03	14.5	9.27	74.08	165.0	4.5	
1335	1965	09	06	16	25	53.5	9.30	75.90	31.0	4.4	
1584	1966	10	16	15	18	22.0	9.30	75.90	134.0	4.0	
1559	1966	09	07	10	20	46.1	9.30	74.60	105.0	4.5	
3061	1973	07	17	10	18	54.5	9.30	74.23	0.0A		
3939	1977	11	13	08	42	21.4	9.36	75.72	45.0	5.3	4.1 Z
2720	1972	03	11	00	38	31.7	9.42	75.49	33.0	4.9	
4205	1979	08	13	08	25	59.0	9.48	75.55	33.0A	4.6	
1867	1968	01	04	03	39	25.9	9.50	75.50	94.0	4.4	
687	1960	07	13	21	45	9.0	9.50	75.00	150.0		
1379	1965	11	24	09	30	56.7	9.50	74.80	125.0	4.4	

## III-60

## GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1067	1964	02	20	07	22	24.7	9.50	74.60	102.0	4.5	
800	1958	08	18	23	26	41.0	9.50	73.75	200.0		
3922	1977	10	08	03	03	51.5	9.52	74.66	129.0D	5.5	
4990	1982	11	10	08	17	42.5	9.53	75.28	33.0A		
2854	1972	08	19	14	04	1.3	9.54	75.60	0.0A		
2793	1972	06	08	02	03	57.2	9.54	75.75	0.0A		
2469	1970	10	30	09	19	8.1	9.54	75.59	20.0	4.8	
3571	1975	09	30	03	50	59.3	9.55	74.65	135.0D	5.8	
3614	1976	01	12	06	14	9.8	9.60	75.10	134.0	4.7	
838	1962	04	03	01	21	34.8	9.60	74.70	125.0		
5210	1984	05	03	10	02	15.2	9.61	74.44	34.4D	4.8	
2858	1972	08	23	04	57	17.5	9.61	75.58	0.0A		
4355	1980	07	20	13	54	26.4	9.66	74.95	134.0	5.2	
4753	1981	12	21	21	10	18.2	9.67	72.79	33.0A		
5046	1983	02	10	14	29	37.0	9.70	74.43	136.5	4.9	
1221	1965	01	12	13	36	51.0	9.70	75.00	48.0	5.4	
167	1939	04	06	04	53	12.0	9.70	74.50			
2916	1972	11	29	00	45	47.7	9.73	75.58	0.0A		
4462	1981	02	18	04	11	52.1	9.74	74.73	140.0	4.6	
3230	1974	04	02	23	26	37.4	9.79	73.89	0.0A		
2590	1971	04	16	23	59	37.3	9.79	75.61	25.0D	4.8	
1728	1967	06	01	09	44	6.9	9.80	75.70	28.0	4.4	
1437	1966	02	20	15	25	40.1	9.80	75.60	21.0	4.9	
1356	1965	10	06	02	40	23.2	9.80	74.90	122.0	4.4	
4435	1980	12	22	14	09	58.5	9.83	75.53	54.1	4.6	
3969	1978	02	11	08	15	19.2	9.84	75.07	65.4	5.1	GS
4311	1980	04	09	10	00	19.0	9.84	75.10	128.0	4.8	3.9 ISC
4476	1981	03	17	07	44	8.6	9.85	74.87	133.0	5.0	
4525	1981	04	27	09	23	19.4	9.85	75.58	33.0N	4.5	
2884	1972	09	29	13	41	48.3	9.88	73.62	0.0A		
2317	1970	02	14	11	17	16.1	9.88	75.57	35.0	5.9	5.4 H
1859	1967	12	23	02	40	8.3	9.90	74.70	126.0	5.1	
1280	1965	05	29	04	25	11.9	9.90	74.10	33.0	4.1	
2964	1973	03	01	20	04	44.4	9.93	74.92	0.0A		
4170	1979	06	07	03	53	22.4	9.96	75.33	128.0	4.6	
4164	1979	05	31	15	05	46.3	9.96	74.82	141.0	4.9	
2263	1969	10	10	04	23	46.7	9.96	73.30	184.0	4.0	
1843	1967	11	23	22	42	54.9	10.00	75.60	122.0	4.2	
568	1957	11	28	03	07	55.0	10.00	75.50	600.0		
476	1954	10	21	20	03	0.0	10.00	75.00	100.0		
492	1955	04	09	15	21	41.0	10.00	75.00	100.0		
46	1926	03	11	10	41	54.0	10.00	74.00			
152	1937	11	07	09	08	43.0	10.00	73.50	120.0		5.5 PAS

## EARTHQUAKE CATALOG OF PERU

III-61

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2067	1968	10	13	21	34	24.6	10.02	74.79	33.0D	4.8	
3693	1976	07	09	10	50	25.0	10.05	75.95	33.0N		
3291	1974	07	06	19	30	43.5	10.07	73.29	0.0A		
3483	1975	03	18	01	10	53.6	10.07	75.28	40.0D	5.5	4.4 H
3932	1977	11	02	14	47	57.2	10.08	74.76	48.0	5.5	4.5 Z
2278	1969	11	13	07	06	22.6	10.10	75.32	151.0	4.1	
2156	1969	04	10	09	30	59.9	10.11	74.93	99.0	4.2	
3259	1974	05	25	00	31	15.7	10.14	75.53	33.0N	4.4	
2285	1969	12	09	12	10	1.2	10.16	75.52	26.0	4.8	
5170	1983	12	16	09	11	51.4	10.17	74.99	37.6D	5.0	
2867	1972	09	05	19	12	31.3	10.19	73.71	147.0	4.5	
720	1960	12	29	11	04	20.4	10.20	75.90	35.0		
4450	1981	01	25	17	22	22.1	10.22	75.49	124.0	5.2	
4488	1981	04	02	07	59	43.7	10.22	74.86	61.2	4.9	
3284	1974	06	29	06	13	37.1	10.23	75.48	40.0	4.4	
2795	1972	06	08	13	34	28.1	10.24	75.46	16.0	4.9	
2567	1971	01	21	03	57	17.0	10.24	75.32	24.0	4.4	
1145	1964	07	05	22	14	59.1	10.24	75.11	135.0	3.9	ISC
4707	1981	11	10	11	22	43.4	10.25	74.98	33.0A		
1699	1967	04	02	01	58	15.4	10.25	75.80	33.0N	4.5	
4081	1978	12	19	02	54	6.2	10.26	75.14	139.0	4.7	
2286	1969	12	10	06	53	13.8	10.27	75.58	39.0	4.4	
3974	1978	03	06	07	25	59.0	10.27	75.54	25.0	4.8	
4006	1978	05	15	00	02	17.1	10.27	75.47	16.0	4.5	
1721	1967	05	15	17	08	57.2	10.27	74.62	117.0	5.0	
4267	1980	01	11	08	52	27.4	10.27	74.08	62.0	4.7	
2466	1970	10	23	15	49	34.1	10.28	75.17	47.0	4.8	
4452	1981	01	28	04	37	55.0	10.29	75.45	33.0N	4.7	4.3 Z
2921	1972	12	02	16	21	32.9	10.30	74.30	0.0A		
1187	1964	11	18	00	11	55.8	10.30	75.90	24.0	4.3	
349	1950	04	30	18	21	37.0	10.30	75.40			
420	1952	10	06	14	07	12.0	10.30	75.40	33.0		
1421	1966	01	22	14	05	41.3	10.30	74.70	95.0	4.2	
3992	1978	04	17	10	36	52.8	10.33	73.92	83.0D	4.9	
5002	1982	11	21	14	58	23.5	10.36	75.44	33.0A		
1693	1967	03	26	23	56	48.2	10.36	73.85	133.0	4.5	
2875	1972	09	23	23	35	34.7	10.36	75.55	105.6		
5000	1982	11	19	14	04	3.1	10.36	74.92	33.0N	4.4	
2797	1972	06	10	19	30	33.4	10.37	75.40	0.0A		
4533	1981	05	02	02	35	33.4	10.39	74.43	144.2	4.5	
3643	1976	04	02	07	56	16.4	10.39	73.03	33.0A		
4359	1980	07	28	08	55	59.8	10.41	74.67	29.0	5.0	
4998	1982	11	19	05	07	48.8	10.41	74.90	33.0N	4.7	

III-82

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2579	1971	03	09	14	28	22.9	10.42	74.06	132.0	4.7	
2824	1972	07	15	16	07	3.2	10.43	74.29	132.6	4.1	
3508	1975	04	30	08	50	16.2	10.43	75.61	0.0A		
3325	1974	09	07	18	24	19.2	10.43	75.52	0.0A		
5006	1982	11	23	08	19	21.3	10.43	74.93	36.3	4.9	
2862	1972	08	30	06	14	5.1	10.44	75.66	0.0A		
3569	1975	09	06	10	46	34.6	10.47	74.83	134.0	4.7	
1679	1967	02	18	18	59	49.3	10.47	75.03	33.0	4.6	ISC
3641	1976	03	31	22	23	54.4	10.47	75.42	33.0A		
4834	1982	04	18	17	49	15.7	10.49	75.55	33.0A		
5067	1983	03	20	01	56	37.0	10.50	74.87	9.6	5.4	4.8 Z
5018	1982	12	11	04	44	0.0	10.50	74.89	33.0N	4.8	
461	1954	05	18	05	11	5.0	10.50	75.50			
300	1945	08	21	16	29	37.0	10.50	75.00	120.0		6.8 PAS
315	1947	11	01	14	58	53.0	10.50	75.00			7.3 PAS
475	1954	10	02	19	48	50.0	10.50	75.00			
736	1961	03	16	23	31	27.2	10.50	74.90	201.0		
4447	1981	01	21	19	12	57.9	10.50	74.17	126.0D	5.2	
4828	1982	04	15	07	01	37.0	10.51	75.24	33.0N		
3480	1975	03	01	17	40	11.2	10.51	73.40	0.0A		
2833	1972	07	18	16	24	40.2	10.52	74.33	127.0	4.0	
3632	1976	03	10	04	37	23.3	10.53	74.83	33.0A		
2330	1970	03	07	06	31	25.3	10.53	75.00	33.0N	4.3	
3052	1973	07	02	06	05	35.8	10.53	75.03	0.0A		
2092	1968	12	01	13	14	50.6	10.56	74.87	5.0	5.4	5.6 H
5099	1983	05	21	20	21	14.8	10.56	74.88	18.0D	4.8	
3830	1977	05	05	20	56	49.1	10.59	74.05	138.0	4.8	
5097	1983	05	21	19	27	56.5	10.59	74.80	15.0D	5.3	4.4 Z
4997	1982	11	19	04	27	13.8	10.60	74.70	14.0D	6.3	6.3 Z
											6.6 BRK
											6.3 PAS
1227	1965	01	25	16	54	1.5	10.60	75.40	33.0		
830	1962	03	04	00	41	42.0	10.60	75.20	33.0		
5098	1983	05	21	20	05	14.6	10.60	74.79	18.0D	5.1	4.3 Z
4658	1981	09	15	15	08	12.5	10.60	74.58	33.0N	4.7	
3840	1977	05	10	12	45	33.2	10.60	75.38	59.0	4.9	
5059	1983	02	28	13	23	55.4	10.60	75.18	33.0N		
2810	1972	07	01	09	17	8.9	10.61	74.98	169.0	4.4	
3487	1975	03	22	05	35	50.4	10.61	72.59	0.0A		
3278	1974	06	20	03	30	22.8	10.62	74.88	152.0	4.1	
3977	1978	03	17	19	18	23.5	10.67	73.86	105.0	4.6	
5001	1982	11	20	14	43	37.9	10.67	74.53	33.0N	4.2	
4480	1981	03	21	20	47	43.2	10.68	75.02	33.0A	5.0	

## EARTHQUAKE CATALOG OF PERU

III-63

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1172	1964	10	03	12	49	31.5	10.70	75.30	154.0	4.8	
1861	1967	12	26	23	46	24.6	10.70	73.90	120.0	4.4	
5077	1983	04	13	00	14	52.7	10.71	75.27	33.0N	4.7	
3197	1974	02	06	09	31	40.6	10.73	74.83	0.0A		
4999	1982	11	19	12	34	18.0	10.73	74.78	33.0N	5.1	
5009	1982	11	27	15	02	54.8	10.74	74.45	33.0N	4.5	
5025	1982	12	18	05	24	14.2	10.74	74.77	33.0N	4.6	
5041	1983	01	12	03	06	55.1	10.77	74.63	33.0N	5.0	
4739	1981	12	10	12	58	2.1	10.77	75.50	141.2		
4218	1979	09	12	18	45	3.1	10.78	74.50	33.0N	4.9	
4232	1979	10	17	03	24	19.0	10.79	74.60	178.0		
4803	1982	03	07	23	47	17.7	10.79	75.13	33.0A		
1412	1966	01	09	20	16	53.4	10.80	75.60	33.0	4.4	
1361	1965	10	11	20	41	4.2	10.80	75.00	229.0	3.6	
1688	1967	03	19	21	42	42.8	10.80	74.79	128.0	4.3	
3957	1978	01	07	12	06	9.1	10.80	74.08	176.7		
5013	1982	12	02	08	41	6.0	10.84	74.57	54.2	4.9	
3918	1977	09	28	22	29	33.1	10.86	75.61	315.8	4.4	
3965	1978	01	26	02	19	44.6	10.86	74.23	40.0		
752	1961	05	08	18	32	3.5	10.90	75.10	60.0		
1354	1965	10	04	21	25	12.0	10.90	75.00	33.0	4.2	
1046	1964	01	12	14	21	51.5	10.90	74.60	94.0	4.2	
2799	1972	06	12	16	04	22.5	10.90	73.65	0.0A		
5007	1982	11	26	15	55	13.7	10.91	74.18	33.0N		
3836	1977	05	09	01	27	17.2	10.92	74.32	28.6		
5146	1983	10	16	00	07	44.5	10.93	74.78	23.1	4.4	
2541	1970	12	24	17	46	59.8	10.97	74.43	46.0	4.3	
3196	1974	02	06	03	15	44.4	10.97	74.62	97.0	4.8	
4734	1981	12	06	11	10	2.9	10.97	75.34	144.1		
3292	1974	07	07	03	43	42.4	10.98	73.83	33.0A		
5070	1983	03	31	04	34	21.8	10.98	75.50	33.0N		
2094	1968	12	04	11	44	1.9	10.99	74.80	25.0	4.8	
2226	1969	08	15	09	25	30.7	10.99	74.54	136.0	3.9	
98	1933	08	06	02	54	52.0	11.00	75.50	100.0		6.5 PAS
342	1949	11	20	04	43	56.0	11.00	75.00			
1628	1966	11	13	01	18	58.5	11.00	74.70	46.0	4.8	
498	1955	05	22	23	45	17.0	11.00	74.00	100.0		
582	1958	04	28	11	47	40.0	11.00	74.00			6.5 PAS
4022	1978	06	18	05	31	54.0	11.01	73.91	110.0	4.8	
4429	1980	12	14	22	57	50.3	11.02	74.19	169.7	4.6	GS
4457	1981	02	03	08	38	40.1	11.05	75.37	111.0	4.8	
2758	1972	04	24	08	13	25.1	11.09	72.89	0.0A		
1846	1967	11	29	02	59	47.7	11.10	74.30	33.0	4.4	ISC



III-64

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1337	1965	09	08	04	10	34.8	11.10	73.80	99.0	4.3	5.1 BRK
1288	1965	06	18	22	45	16.7	11.10	73.60	111.0	5.5	
4620	1981	07	29	07	55	29.3	11.11	75.79	151.9		
5005	1982	11	23	06	56	14.9	11.11	75.37	119.8	4.6	
2298	1969	12	29	09	42	11.1	11.12	75.55	133.0	4.4	
4048	1978	09	01	01	59	5.2	11.15	75.47	131.0	4.9	
2972	1973	03	07	02	01	38.7	11.16	74.77	33.0N	4.4	
3255	1974	05	17	15	22	7.4	11.17	75.08	111.0D	6.0	
1529	1966	07	26	21	53	33.3	11.20	74.90	98.0	4.5	
3342	1974	10	03	17	46	2.2	11.24	75.20	0.0A		
4617	1981	07	25	21	30	4.7	11.24	74.96	116.1	4.1	4.8 Z
5258	1984	08	31	16	05	1.0	11.26	74.38	33.0N	5.1	
656	1959	09	01	00	52	3.0	11.29	74.54			
1753	1967	06	26	13	01	12.6	11.30	75.10	53.0	4.3	
1776	1967	07	30	21	58	42.5	11.30	75.00	33.0	4.5	
1752	1967	06	26	10	57	58.9	11.30	74.90	47.0	4.2	
1639	1966	11	25	19	01	23.0	11.30	73.70	33.0	4.8	
1377	1965	11	21	04	29	23.9	11.30	73.50	80.0	4.2	
4562	1981	06	05	07	09	5.2	11.33	73.71	107.5	5.3	
4721	1981	11	24	07	52	55.9	11.35	74.94	117.0		
5042	1983	01	19	17	43	52.2	11.36	74.84	110.7		6.0 PAS
1339	1965	09	11	18	17	54.8	11.40	75.30	33.0	4.1	
1228	1965	01	25	22	36	53.8	11.40	75.20	115.0	4.2	
65	1928	05	17	10	53	30.0	11.40	74.50			
5029	1982	12	21	11	30	51.8	11.42	74.16	133.4	4.5	
2000	1968	06	27	12	16	52.0	11.42	74.62	13.0	4.6	
5022	1982	12	13	09	46	10.8	11.42	75.67	33.0A		
4436	1980	12	23	09	44	23.1	11.49	73.08	53.0	4.4	
1833	1967	11	06	22	12	40.8	11.50	75.60	180.0	4.0	
173	1939	09	20	06	53	12.0	11.50	75.50	60.0		
435	1953	06	30	01	15	10.0	11.50	75.50			6.0 PAS
625	1959	03	08	23	02	42.0	11.50	75.50			
192	1940	08	26	02	27	59.0	11.50	75.00	110.0		
616	1959	01	30	00	13	48.0	11.50	74.50	60.0		
763	1961	06	28	02	06	10.2	11.50	74.00	25.0N		
5023	1982	12	14	06	26	23.5	11.52	75.70	33.0N		
4203	1979	08	10	08	19	15.2	11.53	74.53	104.0	4.8	
3663	1976	05	19	08	35	28.9	11.54	74.40	16.0	4.6	
3658	1976	05	15	23	28	16.1	11.55	74.38	33.0N	5.3	
5182	1984	01	14	13	34	4.8	11.55	74.31	97.3	4.9	
3660	1976	05	16	03	03	3.8	11.55	74.35	9.0	4.7	
3602	1975	12	11	20	17	8.1	11.56	74.55	98.0D	6.0	
3316	1974	08	21	15	41	43.6	11.56	75.70	33.0N	4.7	

## EARTHQUAKE CATALOG OF PERU

III-65

GRID NO. 11

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4691	1981	10	27	11 01 56.3	11.57	74.19	33.0A	4.4	
3762	1976	12	06	05 01 36.9	11.59	74.06	49.0	4.6	
4694	1981	10	29	17 58 15.8	11.60	74.17	47.9	4.4	
1416	1966	01	17	06 57 4.4	11.60	75.90	102.0	4.3	
902	1963	01	22	08 32 35.2	11.60	75.00	47.0		
1142	1964	07	02	09 09 39.8	11.60	74.40	28.0	4.6	
732	1961	02	10	08 49 14.1	11.60	73.10	35.0		
2258	1969	10	04	21 57 51.7	11.61	74.95	5.0G	4.2	
2223	1969	08	11	16 15 16.5	11.63	74.69	82.0	4.2	
3948	1977	12	05	04 38 26.3	11.63	74.23	33.0	4.5	
2978	1973	03	14	06 07 50.4	11.63	74.18	0.0A		
4298	1980	03	16	00 19 25.9	11.64	73.52	55.0	4.9	3.8 ISC
3657	1976	05	15	21 55 58.5	11.64	74.48	33.0N	6.0	6.6 Z 6.5 PAS
3258	1974	05	24	16 46 18.9	11.65	73.09	80.0	4.1	
4855	1982	05	24	20 24 35.6	11.65	74.19	33.0N		
3778	1977	01	23	09 11 21.4	11.65	74.19	15.0	4.8	
2253	1969	10	01	17 04 44.8	11.65	75.03	5.0G	5.1	
2251	1969	10	01	06 28 2.4	11.66	75.15	5.0G	5.1	
3887	1977	07	25	17 05 5.5	11.67	74.16	44.0	4.8	
2303	1970	01	05	08 05 35.3	11.69	75.08	33.0	4.0	ISC
2211	1969	07	24	08 00 42.3	11.69	75.07	33.0	4.4	ISC
4666	1981	09	26	01 02 11.3	11.70	73.41	220.3A		
2323	1970	02	28	18 44 52.2	11.71	75.21	33.0	4.1	ISC
2850	1972	08	16	01 26 11.8	11.73	73.94	33.0A		
2259	1969	10	06	00 37 59.6	11.74	75.10	3.0	5.1	
2250	1969	10	01	05 58 12.7	11.74	75.09	5.0G	5.7	
2262	1969	10	07	23 07 21.2	11.74	75.32	5.0G	4.9	
2214	1969	08	01	05 58 36.7	11.77	75.18	33.0	4.2	ISC
2252	1969	10	01	08 28 14.0	11.78	75.05	3.0	5.8	
4178	1979	06	13	04 25 39.3	11.78	72.94	61.2	4.4	
3435	1974	12	05	17 03 38.6	11.78	75.71	51.0	4.7	
2257	1969	10	04	21 08 18.8	11.78	75.08	5.0G	4.4	
2260	1969	10	06	06 36 45.2	11.78	75.00	4.0	5.3	
2213	1969	08	01	02 22 39.4	11.78	75.15	1.0	4.7	
4364	1980	08	16	23 52 49.0	11.79	75.12	43.7	4.7	
5061	1983	03	01	05 56 19.4	11.79	73.75	71.9		
2215	1969	08	01	19 02 10.9	11.80	75.15	2.0	5.1	
2209	1969	07	24	04 32 36.8	11.80	75.17	1.0G	4.6	
2483	1970	11	23	16 59 49.4	11.80	75.22	19.0	4.9	
2254	1969	10	01	22 56 24.8	11.80	74.96	5.0G	5.5	5.1 H
2249	1969	10	01	05 25 59.3	11.82	75.10	15.0	5.3	
2456	1970	09	29	05 59 7.1	11.84	75.04	5.0G	4.5	

III-86

GRID NO. 11

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2059	1968	09	21	14	44	24.6	11.85	75.11	7.0	5.0	
2208	1969	07	24	02	59	21.0	11.85	75.13	1.0	5.9	5.7 H
											5.6 BRK
3595	1975	11	20	08	09	11.5	11.85	73.20	33.0A	3.8	GS
4693	1981	10	29	15	15	17.1	11.86	75.69	33.0N		
2270	1969	10	20	18	00	28.7	11.86	75.16	12.0	5.1	
2210	1969	07	24	06	33	7.8	11.86	75.06	1.0G	4.8	
2264	1969	10	13	04	11	23.0	11.87	75.21	14.0	4.3	
2248	1969	10	01	05	05	43.2	11.88	75.13	4.0	5.9	6.2 H
											6.4 PAS
3495	1975	04	09	04	29	5.5	11.88	75.12	0.0A		
4690	1981	10	24	22	12	8.8	11.88	75.48	101.2		
3769	1976	12	31	04	05	29.1	11.89	74.29	33.0A		
3171	1974	01	04	14	12	38.0	11.89	75.33	394.6		
854	1962	07	13	22	55	48.4	11.90	75.10	91.0		
2261	1969	10	07	09	29	3.0	11.90	74.60	33.0	4.4	ISC
2273	1969	10	31	22	37	53.7	11.91	75.07	7.0	4.5	
3503	1975	04	22	04	04	57.6	11.92	75.08	0.0A		
2255	1969	10	02	00	30	57.4	11.93	75.10	5.0G	4.3	
2256	1969	10	04	00	26	34.9	11.94	75.11	20.0	4.7	
3149	1973	11	14	12	17	18.4	11.94	74.81	0.0A		
4785	1982	02	13	07	22	33.8	11.94	75.55	33.0A		
3232	1974	04	09	07	26	36.6	11.95	75.24	0.0A		
3293	1974	07	12	14	04	1.7	11.96	75.45	136.0	4.5	
3792	1977	03	08	13	08	56.3	11.96	74.20	41.0	5.6	5.6 Z
4934	1982	08	29	04	10	48.9	11.97	75.70	100.0A		
4952	1982	09	25	05	48	30.1	11.97	74.32	33.0A		
4889	1982	07	25	01	23	39.0	12.00	74.17	33.0N		
759	1961	06	17	10	56	30.3	12.00	75.30	29.0		5.0 PAL
464	1954	06	01	20	32	36.0	12.00	74.00			
1114	1964	05	18	04	15	8.4	12.00	73.80	91.0	4.3	
319	1949	01	01	23	06	49.0	12.00	73.00			
1340	1965	09	14	04	50	22.7	12.00	72.40	60.0	4.3	

## EARTHQUAKE CATALOG OF PERU

III-67

GRID NO. 12

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
381	1950	07	09	09 45 7.0	8.20	71.00	667.0		6.4 PAS
371	1950	12	02	15 19 22.0	8.20	71.00	667.0		6.8 PAS
432	1953	04	14	13 29 26.0	8.20	71.00	603.0		6.6 PAS
1692	1967	03	25	20 32 1.7	8.34	71.32	583.0	4.2	
1244	1965	03	07	16 58 54.0	8.50	71.10	572.0	3.7	
1434	1966	02	15	11 58 59.6	8.60	70.30	629.0	3.4	
2030	1968	08	05	04 20 44.4	8.77	71.17	564.0	3.8	
1665	1967	01	27	08 38 51.2	8.86	71.42	600.0G	4.7	
5185	1984	01	17	03 32 7.6	8.87	71.36	614.1	5.3	
2694	1971	12	13	16 19 0.1	8.89	71.64	614.0	5.3	
1015	1963	11	13	04 17 59.9	8.90	71.50	545.0	3.6	
771	1961	07	25	02 48 13.4	8.90	71.40	593.0		
1694	1967	03	27	08 26 34.6	8.91	71.35	605.0D	5.3	
4290	1980	03	06	15 13 56.5	8.97	71.10	621.0	4.7	
4302	1980	03	28	06 16 55.1	8.99	71.38	500.0D	4.7	
1009	1963	11	09	21 15 30.4	9.00	71.50	600.0	5.9	6.9 PAS
410	1952	04	08	00 19 7.0	9.00	71.00	603.0		
506	1955	08	19	16 28 50.0	9.00	71.00	650.0		
128	1935	12	14	11 21 30.0	9.00	70.00	603.0		
1676	1967	02	15	16 11 11.5	9.07	71.38	595.0	6.1	6.9 PAS
1013	1963	11	11	19 54 9.4	9.10	71.40	585.0	4.9	
1370	1965	11	03	01 39 3.1	9.10	71.40	593.0	6.2	6.8 PAS
1881	1968	02	08	22 50 4.6	9.10	71.40	593.0	4.7	
3628	1976	02	29	05 59 6.8	9.10	71.33	614.0	4.8	
1011	1963	11	10	01 00 38.8	9.20	71.50	600.0	5.6	
314	1947	08	06	05 46 58.0	9.25	71.50	600.0		6.8 PAS
1912	1968	04	29	00 30 20.2	9.38	71.75	33.0	4.1 ISC	
1012	1963	11	10	01 36 41.3	9.40	71.30	600.0	4.1	
1208	1964	12	22	00 24 48.7	9.50	71.30	614.0	5.3	
79	1930	08	04	05 04 31.0	9.50	70.50	650.0		6.5 PAS
127	1935	12	14	01 31 13.0	9.50	70.50	650.0		6.9 PAS
129	1935	12	16	16 57 24.0	9.50	70.50	650.0		6.3 PAS
130	1935	12	28	04 50 49.0	9.50	70.50	650.0		5.8 PAS
195	1940	09	24	09 55 44.0	9.50	70.50	600.0		6.0 PAS
5103	1983	06	02	20 12 50.7	9.51	71.25	598.6	5.9	
								6.2 PAS	
5275	1984	12	24	13 36 44.6	9.53	71.42	543.9D	5.2	
2934	1972	12	20	16 11 25.7	9.68	71.23	588.0D	4.8	
4872	1982	06	19	02 06 53.8	9.70	71.15	651.8		
1498	1966	06	05	19 03 10.2	9.80	71.00	590.0	3.8 ISC	
1237	1965	02	18	22 32 19.6	9.90	71.20	594.0	5.2	
3608	1975	12	27	12 07 59.1	9.99	70.73	622.0	4.9	
400	1951	12	28	15 59 6.0	10.00	71.50	650.0		

III-68

## GRID NO. 12

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1796	1967	08	28	00	56	51.0	10.00	71.20	609.0	4.7	
280	1944	06	08	02	38	4.0	10.00	71.00	600.0		6.3 PAS
52	1927	04	06	18	54	5.0	10.00	70.00	600.0		6.0 PAS
3819	1977	04	09	04	04	12.5	10.02	71.18	564.0	5.5	6.1 PAS
756	1961	05	26	10	23	12.5	10.10	71.30	663.0		
3697	1976	07	18	09	43	56.9	10.19	70.99	512.9	4.5	GS
4036	1978	07	28	14	01	28.8	10.19	71.04	608.0D	4.9	
755	1961	05	26	08	42	16.1	10.20	70.80	650.0		
4004	1978	05	05	12	55	21.4	10.24	70.97	530.0	4.6	
1817	1967	10	11	20	28	10.2	10.30	71.20	585.0	5.0	
731	1961	02	08	08	04	13.4	10.40	71.00	600.0		5.8 PAS
780	1961	08	20	00	07	24.0	10.40	70.60	614.0		
914	1963	03	23	07	57	35.4	10.50	71.00	600.0		
788	1961	08	31	01	57	8.0	10.50	70.70	629.0		7.5 PAS
24	1922	09	04	17	04	8.0	10.50	69.50	660.0		6.9 PAS
787	1961	08	31	01	48	37.5	10.70	70.90	626.0		7.1 PAS
795	1961	09	16	20	02	47.8	10.70	69.80	629.0		
778	1961	08	19	05	09	49.5	10.80	71.00	649.0		7.0 PAS
103	1933	08	29	14	52	36.0	10.90	69.50	650.0		6.5 PAS
296	1945	08	01	11	47	27.0	11.00	71.00	650.0		
307	1945	11	26	01	03	58.0	11.00	69.00	700.0		
794	1961	09	12	11	18	25.3	11.10	70.60	543.0		
779	1961	08	19	16	01	26.3	11.50	70.80	610.0		
781	1961	08	20	09	10	11.4	11.50	70.60	630.0		
1607	1966	10	20	22	22	48.6	12.00	71.70	41.0	4.5	
10	1920	02	28	18	41	0.0	12.00	69.00			
12	1920	10	07	20	54	0.0	12.00	69.00			
23	1922	08	21	19	22	10.0	12.00	69.00			
462	1954	05	29	12	11	37.0	12.00	68.00			

## EARTHQUAKE CATALOG OF PERU

III-89

GRID NO. 13

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4890	1982	07	25	04	06	53.8	12.73	81.03	33.0N		
100	1933	08	20	22	59	16.0	13.00	80.00			5.6 PAS
101	1933	08	22	09	49	58.0	13.00	80.00			5.6 PAS
5011	1982	11	29	22	55	24.0	13.10	80.05	33.0N	4.9	
3425	1974	11	17	13	24	8.9	13.26	80.76	0.0A		
102	1933	08	22	09	50	4.0	13.80	80.20			
153	1937	11	15	00	51	6.0	14.60	82.40			

## III-70

GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4754	1981	12	23	15	45	44.0	12.05	76.42	33.0N		
4886	1982	07	14	09	17	0.8	12.06	76.71	56.6		
3555	1975	08	10	06	16	13.0	12.06	78.34	33.0A	4.2	GS
3366	1974	10	05	22	24	27.0	12.06	77.37	0.0A		
3397	1974	10	23	16	44	38.4	12.07	77.31	0.0A		
3358	1974	10	04	12	47	39.7	12.10	77.53	54.0	4.1	
2804	1972	06	19	15	50	30.0	12.10	77.51	72.0	5.2	
3352	1974	10	03	22	14	6.3	12.11	77.92	26.0	4.8	
2949	1973	01	29	05	37	17.7	12.11	77.29	63.0	4.5	
4685	1981	10	15	15	39	42.7	12.12	77.08	33.0N		
4992	1982	11	13	17	17	19.4	12.13	76.66	0.0A		
3779	1977	01	26	15	16	9.4	12.15	78.01	14.0	5.1	
4181	1979	06	15	08	53	36.7	12.17	76.65	74.0D	5.4	
1637	1966	11	20	01	52	45.7	12.20	76.50	101.0	4.2	
1878	1968	02	03	11	43	4.4	12.20	76.30	46.0	5.0	
4796	1982	02	27	22	09	52.2	12.22	77.02	33.0N		
3645	1976	04	06	17	59	55.3	12.23	76.52	272.1		
5187	1984	01	26	19	30	58.0	12.24	76.85	57.8D	5.3	
3371	1974	10	07	04	57	51.3	12.25	77.94	33.0N	5.0	4.7 H
3924	1977	10	13	23	16	27.2	12.25	77.96	26.0	5.2	4.5 Z
4276	1980	02	01	23	43	41.6	12.26	77.97	33.0N		
4902	1982	08	04	20	02	43.1	12.26	76.48	122.5		
3339	1974	10	03	14	21	29.1	12.27	77.79	13.0	6.6	7.6 H 7.5 PAS
3576	1975	10	09	13	34	15.5	12.27	77.96	33.0	5.4	
3172	1974	01	05	08	33	50.7	12.30	76.35	98.0D	6.3	6.6 PAS
726	1961	01	26	17	45	42.9	12.30	78.10	60.0		
1742	1967	06	21	06	09	34.7	12.30	77.80	33.0	4.5	ISC
4012	1978	05	22	21	41	21.8	12.31	78.04	33.0N		
4804	1982	03	08	09	38	27.5	12.31	79.08	33.0A	4.1	
5052	1983	02	19	07	43	1.5	12.33	76.72	33.0N		
3363	1974	10	05	08	29	50.8	12.34	77.74	35.0	4.7	4.2 H
3373	1974	10	07	16	11	39.9	12.35	77.48	0.0A		
5049	1983	02	16	13	57	24.0	12.36	78.07	11.6	5.0	
4193	1979	07	15	09	08	32.5	12.37	77.01	60.0	4.9	
3398	1974	10	24	01	33	37.6	12.38	77.40	0.0A		
3348	1974	10	03	20	39	24.9	12.40	77.64	33.0N	4.8	4.8 H
4815	1982	03	23	05	10	7.3	12.40	77.67	57.0D	5.1	3.9 ISC
4957	1982	10	04	07	17	32.4	12.42	76.01	91.9		
3355	1974	10	04	01	55	5.3	12.42	78.32	0.0A		
3582	1975	10	20	09	37	8.2	12.42	76.88	33.0A		
3336	1974	09	27	16	09	3.7	12.43	77.58	41.0	5.0	4.2 H
3343	1974	10	03	17	51	7.6	12.43	77.07	0.0A	4.6	

## EARTHQUAKE CATALOG OF PERU

III-71

GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3382	1974	10	10	19	52	59.0	12.44	77.61	27.0	5.3	5.1 H
3341	1974	10	03	15	28	18.5	12.45	76.50	33.0N	4.6	
3349	1974	10	03	20	49	32.6	12.46	78.12	33.0N	4.6	
4766	1982	01	10	15	01	3.2	12.46	76.99	0.0A		
3367	1974	10	06	03	50	25.4	12.46	77.74	19.0	4.3	
4750	1981	12	21	03	18	0.9	12.48	76.02	33.0N		4.9 H
3500	1975	04	18	12	34	9.8	12.49	77.98	33.0N	5.3	
3747	1976	11	01	03	01	51.4	12.49	77.82	32.0	5.2	
548	1957	01	24	07	16	29.0	12.50	78.00			
3416	1974	11	09	12	59	49.8	12.50	77.79	6.0	6.0	6.3 PAS
											7.2 H
											6.2 PAS
151	1937	11	05	22	24	36.0	12.50	77.00			
638	1959	06	12	22	25	55.0	12.50	77.00			
1789	1967	08	22	09	59	34.5	12.50	76.80	57.0	4.8	
4611	1981	07	19	12	40	13.5	12.51	76.74	56.4		
3379	1974	10	09	17	49	54.9	12.52	77.73	33.0N	4.8	
4680	1981	10	11	22	21	12.3	12.52	77.27	33.0N		
4736	1981	12	07	09	36	44.3	12.52	76.30	33.0N		
3409	1974	11	02	00	57	37.1	12.53	77.87	33.0N	4.9	
3399	1974	10	24	02	25	39.2	12.53	77.30	60.0	4.5	
2614	1971	05	28	06	50	0.7	12.53	76.82	56.0	4.9	
3362	1974	10	05	03	34	49.2	12.53	76.60	144.2	4.2	
3392	1974	10	16	10	25	22.1	12.54	77.01	57.6		
4699	1981	11	02	09	48	8.9	12.55	76.61	33.0A		
3388	1974	10	13	17	34	28.2	12.56	77.16	33.0N	4.0	
4728	1981	12	02	07	05	14.0	12.56	77.56	33.0A		
4380	1980	09	20	04	42	25.9	12.56	77.45	17.0		
3713	1976	08	26	07	21	11.5	12.57	76.77	33.0A		
3390	1974	10	14	22	36	17.4	12.58	76.77	55.1	4.2	GS
3301	1974	07	26	07	32	9.1	12.60	76.68	76.0	4.4	
2409	1970	06	19	06	43	55.3	12.60	77.46	33.0	4.2	ISC
3167	1973	12	24	18	18	10.2	12.62	77.47	33.0N	5.4	
2668	1971	10	03	15	27	38.8	12.62	77.59	33.0N	4.2	
3387	1974	10	13	07	52	48.6	12.63	77.13	33.0N	4.2	
3340	1974	10	03	14	35	22.4	12.64	78.06	33.0N	5.0	
2467	1970	10	27	09	37	38.9	12.64	76.44	62.0	4.6	
5213	1984	05	05	22	48	55.2	12.64	77.98	33.0N	5.0	
4960	1982	10	05	20	40	5.9	12.66	77.24	33.0A		
5045	1983	02	03	19	13	29.9	12.67	77.05	33.0N		
3344	1974	10	03	18	37	8.4	12.67	77.69	0.0A		
4975	1982	10	20	03	14	8.0	12.68	77.09	33.0N		
4819	1982	03	28	23	24	51.1	12.69	76.07	95.0D	6.1	
3999	1978	04	27	11	19	43.6	12.70	76.78	73.0	4.5	



## III-72

GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2666	1971	10	03	10	29	26.4	12.71	77.20	33.0N	4.6	
3318	1974	08	31	00	37	11.5	12.71	77.02	61.0	4.4	
3354	1974	10	04	01	41	47.0	12.74	77.44	0.0A		
3378	1974	10	09	02	59	0.4	12.74	77.16	33.0N	4.4	
2665	1971	10	01	21	08	34.8	12.75	77.11	43.0	4.7	
3919	1977	09	29	01	25	15.1	12.75	76.09	124.2		
4885	1982	07	13	01	56	12.6	12.75	78.22	33.0N	4.5	
3347	1974	10	03	20	36	31.5	12.75	78.17	0.0A		
3288	1974	07	03	09	33	45.5	12.76	78.57	0.0A		
2667	1971	10	03	14	58	25.9	12.76	77.36	42.0	5.2	
2315	1970	02	09	16	15	53.6	12.77	77.22	40.0	4.6	
3391	1974	10	15	18	29	53.5	12.77	77.12	0.0A		
5093	1983	05	13	03	03	29.9	12.78	76.83	84.6		
4645	1981	08	28	19	44	27.8	12.78	77.07	73.9		
4438	1980	12	26	08	19	41.2	12.79	77.04	62.0	4.5	
416	1952	08	03	13	13	44.0	12.80	78.50			
4191	1979	07	03	16	04	34.7	12.80	77.63	33.0A	5.0	
4829	1982	04	15	21	45	56.6	12.81	77.47	33.0N		
3365	1974	10	05	20	08	44.2	12.81	77.76	33.0N	4.4	
3361	1974	10	04	23	54	44.5	12.82	77.97	0.0A		
2031	1968	08	05	14	23	44.4	12.82	76.80	78.0	4.4	
4647	1981	09	01	07	21	29.2	12.83	77.32	33.0A		
5190	1984	02	09	01	19	9.0	12.84	76.04	83.7	5.4	
4139	1979	04	13	19	25	33.1	12.84	77.09	33.0A		
2987	1973	03	28	12	58	39.9	12.85	76.21	82.3		
3420	1974	11	14	19	17	35.2	12.85	77.08	33.0	5.4	
5150	1983	10	24	00	36	6.5	12.85	76.66	48.3D	5.6	
4942	1982	09	07	10	54	19.5	12.85	76.67	60.5		
4245	1979	12	05	14	15	17.6	12.86	76.77	62.7		
3449	1974	12	24	00	54	0.5	12.86	77.96	19.0	4.7	
5055	1983	02	26	05	47	38.9	12.87	76.14	33.0N		
4933	1982	08	29	03	55	46.2	12.87	76.82	35.7		
4950	1982	09	18	21	06	55.1	12.88	76.89	67.8		
3380	1974	10	09	21	54	32.2	12.88	76.89	33.0N	4.9	
5030	1982	12	24	03	25	29.5	12.89	76.10	33.0N		
824	1962	02	03	20	02	25.0	12.90	79.90	33.0		
1232	1965	01	28	05	34	59.8	12.90	78.50	33.0	4.9	
988	1963	10	07	12	43	53.6	12.90	76.80	69.0	5.4	
3427	1974	11	18	13	31	42.8	12.91	77.61	0.0A		
2637	1971	08	01	06	12	41.2	12.91	76.82	64.0	5.2	
3359	1974	10	04	14	40	5.8	12.92	77.54	33.0A	4.2	GS
4822	1982	04	05	09	51	30.5	12.92	76.26	82.8		
3346	1974	10	03	19	16	54.8	12.93	79.06	0.0A		

4.9 Z

## EARTHQUAKE CATALOG OF PERU

III-73

GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4911	1982	08	10	05	20	12.3	12.95	76.28	87.8		
3383	1974	10	10	20	57	47.5	12.99	77.54	33.0N	4.8	4.4 H
272	1943	11	03	22	02	0.0	13.00	77.00			
459	1954	04	21	20	23	5.0	13.00	77.00	100.0		
536	1956	08	31	18	22	53.0	13.00	77.00	60.0		
565	1957	09	29	19	53	30.0	13.00	77.00			
640	1959	06	14	21	41	53.0	13.00	77.00			
662	1959	12	24	12	29	30.0	13.00	77.00			
1777	1967	08	01	01	13	42.6	13.00	76.80	66.0	5.5	
317	1948	05	28	05	36	16.0	13.00	76.50	60.0		7.0 PAS
312	1946	09	30	00	59	40.0	13.00	76.00	70.0		7.0 PAS
330	1949	07	03	21	45	59.0	13.00	76.00			
3377	1974	10	09	02	12	8.3	13.00	77.13	0.0A		
3381	1974	10	10	06	36	49.2	13.01	77.31	0.0A		
2685	1971	11	12	00	10	5.7	13.01	76.34	92.0	4.8	
4776	1982	02	02	09	36	14.1	13.02	76.95	33.0A		
4891	1982	07	25	07	10	40.4	13.09	76.88	33.0N		
1281	1965	06	03	12	12	36.8	13.10	76.80	82.0	4.2	
387	1951	06	12	05	42	35.0	13.10	76.20			
1231	1965	01	26	16	54	34.3	13.10	76.10	118.0	4.2	
3920	1977	10	01	23	21	46.3	13.11	76.49	165.1		
2706	1972	01	22	05	25	58.0	13.11	76.05	97.0	4.1	
4711	1981	11	17	11	02	17.4	13.13	76.34	72.1		
4514	1981	04	20	19	52	19.3	13.15	76.84	33.0A	4.9	
2064	1968	09	28	13	53	35.3	13.16	76.38	70.0G	6.0	6.0 PAS
1177	1964	10	13	23	54	15.2	13.20	76.50	75.0	4.6	
4657	1981	09	15	07	37	12.0	13.23	76.40	70.3		
3404	1974	10	28	01	21	19.0	13.23	77.54	33.0A		
2707	1972	01	23	05	05	24.8	13.23	76.78	60.0	5.1	
5108	1983	06	20	23	45	8.1	13.25	76.54	78.4	4.8	
3975	1978	03	10	23	41	38.2	13.26	76.41	71.0	5.2	4.0 ISC
1845	1967	11	26	07	35	53.9	13.30	77.20	33.0	4.5	
1757	1967	07	07	10	26	57.7	13.30	77.10	121.0	4.3	
806	1961	11	06	05	13	19.9	13.30	76.70	80.0		
2789	1972	06	03	03	13	6.6	13.31	77.04	0.0A		
4956	1982	10	03	19	08	35.3	13.31	76.66	33.0A		
2776	1972	05	21	03	26	16.3	13.35	77.23	0.0A		
4735	1981	12	06	13	59	10.8	13.35	76.97	33.0A		
4247	1979	12	07	09	36	57.0	13.35	76.63	71.0	4.7	
2227	1969	08	20	06	32	49.7	13.35	77.71	35.0G	4.6	
5088	1983	04	23	12	46	44.9	13.35	76.42	33.0N		
4651	1981	09	07	19	38	1.1	13.36	76.52	66.7		
3360	1974	10	04	18	11	55.0	13.38	77.41	33.0A	4.3	GS

III-74

GRID NO. 14

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4231	1979	10	15	16 34 8.8	13.39	76.60	61.0	5.0	
5111	1983	06	21	19 00 32.8	13.40	76.81	33.0N		
845	1962	05	19	23 56 32.4	13.40	76.70	70.0		
2655	1971	09	20	10 44 37.5	13.41	77.14	33.0N	4.3	
4587	1981	06	26	19 36 24.8	13.42	76.93	33.0A		
3351	1974	10	03	21 56 57.2	13.43	77.03	33.0N	4.8	4.9 H
4921	1982	08	19	06 14 27.2	13.43	76.18	30.0A		
2787	1972	06	01	01 50 42.1	13.44	77.01	0.0A		
5058	1983	02	27	05 05 17.5	13.45	76.79	25.0D	5.5	4.7 Z
3236	1974	04	13	14 00 43.0	13.46	76.01	0.0A		
5168	1983	12	10	12 46 3.8	13.47	76.09	104.2	4.5	
3372	1974	10	07	11 40 27.7	13.48	76.95	33.0N	4.5	
3356	1974	10	04	02 34 30.2	13.48	77.12	26.0	4.3	
4844	1982	05	03	03 27 17.7	13.49	76.11	70.0	5.4	
3345	1974	10	03	19 10 0.4	13.50	77.13	28.0	4.8	
149	1937	10	15	03 41 15.0	13.50	77.00	90.0		5.3 PAS
526	1956	05	15	08 13 2.0	13.50	77.00	100.0		
576	1958	03	01	09 05 40.0	13.50	76.50			
5159	1983	11	17	08 09 9.4	13.50	77.08	33.0N		
1771	1967	07	24	10 13 57.0	13.52	76.34	63.0	4.7 ISC	
4710	1981	11	17	05 07 45.0	13.52	76.92	0.0A		
3098	1973	09	06	12 03 12.1	13.55	79.30	0.0A		
4861	1982	05	28	21 10 26.6	13.55	76.37	33.0A		
4622	1981	07	29	12 42 22.3	13.57	77.11	33.0A		
4484	1981	03	28	11 42 34.5	13.59	77.71	33.0A		
996	1963	10	28	02 50 30.1	13.60	76.90	38.0	4.1	
727	1961	01	28	03 24 46.9	13.60	76.30	86.0		5.8 UPP
2114	1969	01	13	05 02 32.4	13.60	77.75	93.0	4.3	
4278	1980	02	05	23 16 3.8	13.60	77.34	33.0A		
4757	1981	12	25	15 27 18.8	13.61	76.43	33.0N		
3829	1977	05	05	02 52 40.3	13.66	76.37	92.1		
3405	1974	10	28	14 30 53.3	13.66	77.47	0.0A		
3523	1975	06	05	03 32 44.9	13.70	76.14	58.0D	5.5	
1549	1966	08	26	14 37 26.3	13.70	76.80	50.0	4.4	
1821	1967	10	17	05 41 15.5	13.70	76.50	78.0	4.4	
803	1961	10	17	00 16 16.7	13.70	76.10	42.0		
3940	1977	11	14	08 03 17.6	13.71	76.37	87.0		
4606	1981	07	16	02 47 41.6	13.74	76.66	33.0N		
556	1957	05	19	05 19 32.0	13.75	76.75			
3413	1974	11	08	00 04 47.5	13.76	76.93	0.0A		
3364	1974	10	05	17 57 59.8	13.76	76.64	33.0N	4.7	
5040	1983	01	02	08 08 24.1	13.77	76.15	33.0N		
873	1962	09	28	22 14 52.7	13.80	76.70	61.0		

## EARTHQUAKE CATALOG OF PERU

III-75

GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1264	1965	04	27	05	24	50.1	13.80	76.00	93.0	4.8	
3386	1974	10	12	01	07	59.5	13.81	77.68	33.0A	4.2	GS
4486	1981	03	29	16	11	18.0	13.83	77.19	33.0A		
5169	1983	12	11	16	12	0.4	13.84	77.19	33.0N	5.0	
4806	1982	03	10	07	05	48.6	13.84	76.71	0.0A		
3241	1974	04	18	23	37	55.0	13.85	76.78	0.0A		
4995	1982	11	17	01	38	58.6	13.86	76.59	33.0N		
4608	1981	07	17	13	59	52.1	13.86	76.73	29.1	4.4	
4821	1982	04	02	03	57	20.1	13.88	76.23	0.0A	5.1	3.5
4704	1981	11	06	15	57	59.6	13.88	76.97	33.0A		
5266	1984	11	16	06	55	0.5	13.90	76.10	54.5D	5.5	
1275	1965	05	12	09	42	37.4	13.90	77.10	20.0	4.6	
3956	1978	01	03	13	31	8.1	13.90	76.91	53.4		
5211	1984	05	03	14	43	53.0	13.92	76.33	33.0N		
5051	1983	02	18	23	24	9.5	13.93	76.44	33.0N	5.1	3.8 Z
2851	1972	08	16	18	42	15.8	13.97	77.14	0.0A		
4643	1981	08	26	22	02	51.5	13.98	77.80	33.0A		
4935	1982	08	30	02	37	29.6	13.99	76.51	33.0N		
501	1955	07	16	13	31	43.0	14.00	78.50			
21	1922	04	06	03	13	0.0	14.00	77.00			
22	1922	04	06	08	00	45.0	14.00	77.00			
58	1928	01	18	12	22	12.0	14.00	77.00			
394	1951	08	10	00	05	24.0	14.00	77.00			
651	1959	08	08	02	54	53.0	14.00	76.00			
4882	1982	07	11	17	42	31.5	14.02	76.06	33.0N		
4823	1982	04	06	04	37	30.7	14.03	76.07	33.0A		
4565	1981	06	06	05	05	14.8	14.06	76.26	41.9		
4832	1982	04	18	09	33	50.2	14.06	76.67	33.0A		
3958	1978	01	11	22	24	49.1	14.08	77.28	26.7		
3946	1977	12	01	07	49	25.2	14.09	76.98	33.0A	4.7	GS
4863	1982	06	02	22	47	43.6	14.09	76.36	46.1	5.0	4.3 ISC
4652	1981	09	08	21	06	22.4	14.09	76.48	33.0N		
973	1963	09	02	04	10	18.4	14.10	76.40	41.0	4.5	
1068	1964	02	20	10	57	43.6	14.10	76.00	67.0	4.5	
3995	1978	04	22	15	33	1.9	14.13	76.73	33.0N	4.3	
4600	1981	07	08	01	16	3.1	14.14	76.75	32.9	4.9	
5191	1984	02	09	04	31	17.7	14.16	76.19	33.0N	5.4	4.7 Z
4250	1979	12	18	18	54	7.9	14.18	76.87	127.0A		
2729	1972	03	21	22	27	37.6	14.19	76.38	51.3		
1265	1965	04	28	09	42	10.2	14.20	76.20	73.0	4.3	
4661	1981	09	18	05	02	44.7	14.32	76.06	33.0N		
3000	1973	04	13	22	21	16.2	14.35	76.85	0.0A		
4523	1981	04	26	11	47	49.7	14.39	76.01	33.0N		

## III-76

## GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4549	1981	05	13	14	15	12.0	14.39	76.49	19.0		
857	1962	07	25	00	11	52.2	14.40	76.10	46.0		
4673	1981	10	04	22	45	54.1	14.41	76.13	33.0N	4.8	
4393	1980	10	17	17	41	9.6	14.42	76.02	33.0N	4.5	
2834	1972	07	18	21	05	0.8	14.42	76.34	13.0	5.1	4.4 H
4798	1982	03	03	03	30	28.8	14.42	76.26	0.0A		
2772	1972	05	15	06	40	54.8	14.43	76.26	0.0A		
4272	1980	01	20	07	12	59.3	14.43	76.22	51.0	4.8	
2827	1972	07	17	04	02	57.2	14.43	76.20	34.0	5.0	
4335	1980	06	09	09	16	12.3	14.44	76.65	33.0A		
3798	1977	03	09	19	27	0.3	14.47	76.38	170.0A		
2826	1972	07	17	03	51	0.2	14.48	76.26	38.0	4.8	
285	1944	08	30	04	00	48.0	14.50	78.00	100.0		
292	1945	05	21	21	21	14.0	14.50	77.00			
328	1949	05	21	05	43	51.0	14.50	76.50			
78	1930	06	25	21	21	45.0	14.50	76.00			
302	1945	09	09	12	56	20.0	14.50	76.00			
567	1957	10	20	02	54	48.0	14.50	76.00			
636	1959	06	08	14	12	5.0	14.50	76.00	60.0		
2830	1972	07	17	09	25	0.1	14.52	76.24	39.0	4.9	
3003	1973	04	18	15	41	55.9	14.55	76.29	19.0D	4.9	
4868	1982	06	12	03	22	51.7	14.55	76.08	0.0A		
3998	1978	04	24	10	58	41.9	14.56	76.01	35.0	4.9	4.3 Z
2733	1972	03	27	12	09	41.2	14.57	76.09	63.0	5.2	
378	1950	12	28	21	06	16.0	14.60	76.30	33.0		
389	1951	06	24	02	26	34.0	14.60	76.30			
412	1952	05	03	12	14	11.0	14.60	76.30			
3001	1973	04	15	23	02	11.5	14.61	76.09	34.0	5.0	
3004	1973	04	19	04	28	43.6	14.65	76.27	33.0N	4.7	
4635	1981	08	20	06	04	49.5	14.68	76.14	0.0A		
4434	1980	12	22	12	18	24.7	14.69	76.16	0.0A		
1106	1984	05	04	19	25	40.5	14.70	76.00	33.0	4.5	
3187	1974	01	24	20	04	12.2	14.70	76.42	37.0A		
4105	1979	02	06	05	02	8.4	14.71	76.16	33.0A		
2828	1972	07	17	05	06	51.8	14.76	76.56	0.0A		
3646	1976	04	15	17	48	9.2	14.76	76.03	43.0	4.9	
3320	1974	08	31	12	01	10.6	14.78	77.11	0.0A		
2742	1972	04	05	23	17	43.1	14.78	76.84	0.0A		
1506	1966	06	10	08	13	25.1	14.80	76.10	15.0	5.0	
1825	1967	10	22	23	46	35.8	14.80	76.00	39.0	4.4	
4206	1979	08	17	04	22	31.3	14.82	76.29	33.0A		
4874	1982	06	27	20	50	22.3	14.84	76.35	33.0N	4.4	
3607	1975	12	27	03	23	35.7	14.86	76.96	33.0A		

## EARTHQUAKE CATALOG OF PERU

III-77

GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4641	1981	08	26	01	00	55.2	14.87	76.21	33.0N		
2831	1972	07	17	10	03	28.7	14.87	76.72	0.0A		
3942	1977	11	21	15	12	37.8	14.88	76.77	33.0A		
4336	1980	06	11	00	46	19.1	14.88	76.99	0.0A	4.8	
1500	1966	06	07	01	20	6.4	14.90	76.20	35.0	4.4	
4420	1980	11	24	20	34	18.7	14.90	76.23	33.0N	5.1	
2849	1972	08	15	02	41	20.0	14.92	76.68	0.0A	4.3	
4500	1981	04	14	00	52	13.4	14.93	76.06	0.0A		
3311	1974	08	14	20	11	14.4	14.97	76.81	0.0A		
3143	1973	11	09	04	43	17.5	14.99	76.30	33.0A		
50	1927	01	11	19	45	40.0	15.00	78.30			
190	1940	07	30	21	52	36.0	15.00	78.00			
178	1939	12	11	10	42	0.0	15.00	77.00	150.0		
291	1945	05	10	17	53	15.0	15.00	77.00			
374	1950	12	10	09	08	45.0	15.00	77.00			
305	1945	11	09	23	58	52.0	15.00	76.50			
230	1942	08	24	22	50	27.0	15.00	76.00			8.6 PAS
275	1944	01	06	16	44	0.0	15.00	76.00			
350	1950	05	01	00	42	0.0	15.00	76.00			
482	1955	01	05	12	44	44.0	15.00	76.00			
4947	1982	09	13	06	07	31.2	15.02	76.96	33.0A		
4705	1981	11	07	05	37	47.0	15.02	76.93	33.0A		
2143	1969	03	15	06	20	29.4	15.03	76.19	33.0N	4.3	
2832	1972	07	18	08	54	19.9	15.04	76.76	0.0A		
3044	1973	06	21	06	44	24.3	15.07	76.65	0.0A		
5053	1983	02	21	00	53	31.0	15.14	76.20	33.0N	5.3	4.5 Z
3870	1977	06	10	15	04	7.1	15.14	76.78	33.0A		
4873	1982	06	26	01	30	51.8	15.17	76.46	33.0A	4.8	3.7
4327	1980	05	25	02	09	48.9	15.18	76.49	33.0A		
697	1960	09	14	00	08	3.0	15.20	76.20	91.0		
4204	1979	08	12	01	35	24.3	15.20	76.32	104.0A		
4636	1981	08	21	03	11	7.9	15.23	77.26	33.0A		
3470	1975	02	11	02	26	57.5	15.27	76.20	33.0N	4.5	
890	1962	11	23	00	44	50.6	15.30	76.00	36.0		
1504	1966	06	08	14	56	52.6	15.30	76.00	23.0	4.6	
1567	1966	09	18	11	33	18.2	15.40	76.50	34.0	4.5	
1443	1966	02	27	06	08	35.9	15.40	76.00	13.0	4.1	
4976	1982	10	21	20	46	32.3	15.41	76.06	33.0A		
2991	1973	03	31	09	02	11.3	15.43	76.50	0.0A		
3750	1976	11	09	10	43	57.3	15.43	76.49	96.3		
3818	1977	04	07	20	31	9.5	15.45	76.32	27.0	5.2	
5107	1983	06	18	18	11	7.8	15.45	76.12	33.0N		
3950	1977	12	19	06	37	19.9	15.49	76.06	33.0A		

## III-78

## GRID NO. 14

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	<i>yr</i>	<i>mo</i>	<i>dy</i>	<i>hr</i>	<i>mn</i>	<i>sec</i>				mb	Ms
279	1944	06	06	23	20	0.0	15.50	76.50			
418	1952	09	20	21	12	24.0	15.50	76.40	33.0		
869	1962	09	20	09	25	26.7	15.50	76.10	33.0		
1612	1966	10	27	00	16	51.7	15.50	76.10	10.0	4.1	
333	1949	07	28	03	36	36.0	15.50	76.00	60.0		
480	1954	12	09	14	13	27.0	15.50	76.00			
3121	1973	10	17	17	15	23.3	15.52	76.36	0.0A		
3047	1973	06	23	12	11	25.5	15.56	76.37	0.0A		
3163	1973	12	06	14	53	46.8	15.61	76.82	50.0	4.4	
1718	1967	05	10	20	35	23.2	15.67	76.33	33.0N	4.6	
2778	1972	05	23	00	23	34.2	15.70	76.17	0.0A		
3472	1975	02	12	07	31	57.0	15.74	76.21	47.9		
4343	1980	06	17	07	23	33.7	15.79	76.54	33.0A		
3681	1976	06	15	07	13	23.0	15.89	76.17	108.0A		
3688	1976	06	22	16	41	9.9	15.93	76.14	168.0A		
3809	1977	03	23	13	49	46.8	15.95	76.29	238.6		
3122	1973	10	19	03	11	46.4	15.96	76.56	0.0A		
3092	1973	08	24	05	09	51.8	15.98	76.57	33.0N	4.7	
3680	1976	06	14	19	59	11.3	15.99	76.45	42.0A		
3304	1974	07	28	15	53	21.5	16.00	76.29	0.0A		
241	1942	11	08	10	16	42.0	16.00	76.00			
337	1949	08	08	19	07	24.0	16.00	76.00	100.0		
417	1952	09	18	01	20	58.0	16.00	76.00			
437	1953	07	02	13	31	20.0	16.00	76.00	33.0		
439	1953	07	10	07	20	18.0	16.00	76.00			

## EARTHQUAKE CATALOG OF PERU

III-79

GRID NO. 15

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
4718	1981	11	22	23 15 8.7	12.00	74.68	114.0	4.9	5.4 Z
3800	1977	03	11	12 44 12.6	12.01	73.79	33.0A		
3111	1973	10	02	10 15 9.6	12.02	75.11	0.0A		
3794	1977	03	08	22 46 4.8	12.06	74.03	14.0	5.6	
2246	1969	09	28	11 52 59.1	12.10	74.30	45.0	5.0	
1157	1964	08	17	00 59 46.7	12.10	75.30	163.0	3.9	
2582	1971	03	19	14 27 53.6	12.12	75.15	14.0	4.8	
3054	1973	07	07	17 22 35.4	12.16	73.74	0.0A		
3786	1977	02	13	13 09 31.7	12.20	73.92	33.0N	4.6	
3795	1977	03	09	07 25 31.5	12.23	74.18	31.0	4.7	
3494	1975	04	07	04 12 30.0	12.23	75.49	280.4		4.5 ISC
3822	1977	04	23	20 33 50.0	12.26	74.10	38.1		
3791	1977	03	04	17 50 18.5	12.29	74.10	22.0	5.2	
1501	1966	06	07	01 56 23.0	12.30	74.30	27.0	4.5	
3514	1975	05	10	07 31 1.1	12.30	73.09	0.0A		
4653	1981	09	10	18 31 50.0	12.31	75.49	140.0A		
4688	1981	10	18	09 24 36.9	12.32	75.78	33.0N		
4970	1982	10	16	15 42 31.2	12.32	75.70	33.0A		
3793	1977	03	08	14 51 45.2	12.33	74.00	43.0	5.1	
3796	1977	03	09	12 41 24.0	12.35	74.18	42.7	4.5	
5100	1983	05	22	05 39 43.3	12.36	75.31	33.0N		4.6
4980	1982	10	23	08 32 13.2	12.36	75.39	108.2		
3811	1977	03	24	20 20 31.3	12.37	74.06	33.0A		
2107	1968	12	28	16 29 5.0	12.37	73.46	50.0	4.6	
3799	1977	03	10	13 25 46.0	12.38	74.07	45.0A		
1647	1966	12	13	10 59 5.5	12.40	75.10	21.0	4.3	
5148	1983	10	20	11 35 18.4	12.47	73.00	162.9	4.3	
3797	1977	03	09	14 34 4.3	12.47	74.04	33.0A		
3821	1977	04	23	19 38 19.9	12.48	74.21	33.0A		
168	1939	04	25	12 53 37.0	12.50	75.50	150.0		
323	1949	02	24	11 35 1.0	12.50	75.00			6.3 PAS
999	1963	11	02	16 07 13.1	12.50	74.70	105.0	4.3	
955	1963	07	22	16 33 22.2	12.50	73.70	79.0	4.5	
171	1939	06	24	04 22 24.0	12.50	72.00			
4073	1978	11	14	18 39 26.1	12.51	75.06	81.0		
3805	1977	03	15	12 38 35.2	12.53	74.15	50.0	4.9	
4936	1982	08	31	10 39 25.2	12.58	75.78	33.0A		
3182	1974	01	20	17 59 9.8	12.58	73.03	64.4		
1649	1966	12	14	08 39 45.0	12.60	75.00	98.0	4.3	
2933	1972	12	20	10 14 23.4	12.63	72.60	0.0A		
4679	1981	10	10	17 33 39.0	12.63	75.66	33.0A		4.2
3218	1974	03	14	06 10 18.4	12.63	74.65	93.0	4.2	
4648	1981	09	02	05 01 13.7	12.64	75.39	33.0A		



III-80

## GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3315	1974	08	17	21	22	11.2	12.66	74.20	151.0	4.2	
3176	1974	01	13	17	23	49.5	12.68	73.09	51.0	4.6	
3848	1977	05	14	20	26	21.2	12.70	73.53	33.0		
4605	1981	07	15	21	37	54.0	12.74	74.12	33.0A		
5087	1983	04	23	04	56	34.6	12.76	75.27	33.0N		
4856	1982	05	25	02	57	35.3	12.76	75.22	33.0A		
1005	1963	11	06	01	01	7.0	12.80	73.90	86.0	4.4	
4973	1982	10	18	12	04	44.0	12.82	75.35	20.5		
3847	1977	05	14	16	50	53.3	12.84	74.36	33.0A		
1670	1967	02	05	16	45	47.5	12.85	74.00	102.0	4.3	
4504	1981	04	18	08	34	36.5	12.87	74.21	33.0A		
4524	1981	04	26	20	12	9.3	12.87	74.12	0.0A		
2953	1973	02	01	14	51	37.3	12.91	73.45	136.0	4.0	
4383	1980	09	21	22	38	57.4	12.94	75.30	104.0	3.9	
4883	1982	07	11	22	37	16.9	12.95	75.34	33.0A		
3993	1978	04	20	03	41	48.6	12.97	75.26	92.6	4.7	
4458	1981	02	05	08	25	2.0	12.97	74.31	33.0A		
4978	1982	10	23	00	20	59.3	12.98	74.52	33.0N		
4618	1981	07	26	08	07	24.6	12.99	73.95	33.0A		
4428	1980	12	14	09	21	38.3	12.99	74.33	33.0A		
2812	1972	07	02	16	46	43.0	12.99	72.26	0.0A		
41	1925	11	06	13	57	40.0	13.00	74.50			
124	1935	07	20	10	22	54.0	13.00	73.50			
4769	1982	01	16	15	38	33.2	13.02	73.96	33.0A		
4495	1981	04	12	01	26	11.4	13.03	74.29	33.0A		
4579	1981	06	22	18	40	15.2	13.03	74.43	33.8	4.7	
4363	1980	08	16	19	22	33.5	13.05	74.39	33.0N	5.1	3.7 ISC
4506	1981	04	18	18	28	10.4	13.06	74.39	33.0A		
5123	1983	07	30	09	47	38.9	13.07	75.17	83.5	5.1	
4412	1980	11	12	21	44	40.9	13.08	74.35	33.0A		
4580	1981	06	22	23	13	2.5	13.09	74.36	33.0A		
4596	1981	07	04	22	39	56.4	13.09	74.43	41.0	4.7	3.8 ISC
1333	1965	08	23	00	08	11.8	13.10	75.20	107.0	4.2	
1764	1967	07	16	21	03	52.8	13.10	75.20	95.0	4.6	
1188	1964	11	18	04	03	58.0	13.10	75.00	80.0	4.3	
4461	1981	02	16	13	59	31.8	13.10	74.48	33.0N	5.0	3.6 ISC
4563	1981	06	05	09	21	40.8	13.11	74.49	33.0A		
4644	1981	08	27	10	25	55.4	13.13	74.45	33.0N		
4594	1981	07	04	06	40	39.7	13.13	74.39	33.0A		
2158	1969	04	15	14	35	19.0	13.13	74.47	95.0	4.3	
4501	1981	04	14	15	55	30.9	13.14	74.42	33.0N		
4572	1981	06	16	23	54	11.4	13.14	74.41	33.0N		
4503	1981	04	18	00	32	39.8	13.14	74.38	38.0	5.3	4.8 Z

## EARTHQUAKE CATALOG OF PERU

III-81

GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4490	1981	04	09	10	03	47.0	13.15	73.92	33.0A		
4583	1981	06	23	06	49	32.7	13.15	74.47	33.0A		
4779	1982	02	04	04	15	1.2	13.15	74.14	33.0A		
4609	1981	07	18	01	49	15.4	13.16	74.13	33.0A		
4505	1981	04	18	14	29	52.4	13.16	74.44	39.8	5.1	
3810	1977	03	24	11	56	40.2	13.17	75.38	197.6		
4577	1981	06	22	17	53	21.3	13.17	74.52	23.7	5.1	5.2 Z
4530	1981	05	01	08	20	34.9	13.17	74.38	33.0A		
4411	1980	11	12	16	09	32.0	13.18	74.51	33.0N		
4413	1980	11	13	01	51	27.9	13.18	74.38	33.0A		
4584	1981	06	23	23	40	25.5	13.19	74.46	33.0A		
4601	1981	07	10	12	41	28.2	13.19	74.43	33.0A		
4527	1981	04	28	13	27	30.8	13.19	74.48	33.0N		
4404	1980	11	10	22	21	13.8	13.19	74.52	48.0	5.1	4.0 ISC
4424	1980	12	11	21	31	43.2	13.19	74.41	47.0		
4431	1980	12	17	08	45	18.7	13.20	74.40	43.0	5.2	3.7 Z
4531	1981	05	01	11	21	4.4	13.20	75.26	33.0A		
4517	1981	04	23	09	34	36.8	13.20	74.67	33.0A		
1433	1966	02	14	16	34	43.9	13.20	75.40	104.0	4.6	
749	1961	04	27	17	52	14.2	13.20	75.10	83.0		
1304	1965	07	13	17	58	2.3	13.20	75.10	102.0	4.0	
1897	1968	03	22	03	24	4.8	13.20	74.70	104.0	4.4	
4659	1981	09	16	06	29	0.1	13.20	72.75	33.0N		
4449	1981	01	24	09	02	1.9	13.20	74.39	33.0N	4.6	
4416	1980	11	16	19	56	25.0	13.20	74.29	33.0N		
4405	1980	11	10	23	33	6.4	13.20	74.53	33.0A		
4512	1981	04	20	09	44	29.8	13.21	74.53	33.0N		
4532	1981	05	01	13	11	6.1	13.21	74.45	33.0A		
4555	1981	05	23	12	59	0.1	13.21	74.23	33.0A		
4509	1981	04	19	03	29	17.1	13.21	73.62	33.0A		
4508	1981	04	19	02	26	56.9	13.21	74.32	33.0A		
4510	1981	04	19	20	33	46.0	13.21	74.53	33.0N		
4888	1982	07	21	22	11	3.5	13.22	75.09	98.6	5.1	
4578	1981	06	22	18	39	0.7	13.22	74.46	33.0A		
3862	1977	05	28	21	08	56.7	13.22	74.95	33.0A		
4751	1981	12	21	09	24	28.7	13.24	73.07	0.0A		
4581	1981	06	23	02	28	25.4	13.24	74.60	32.1	4.8	4.5 Z
4507	1981	04	19	01	57	36.8	13.24	74.44	33.0N		
4511	1981	04	20	04	46	19.2	13.25	74.05	33.0A		
4414	1980	11	14	06	32	29.9	13.27	74.65	33.0A		
4557	1981	05	24	19	28	4.6	13.27	74.46	33.0A		
4515	1981	04	21	09	22	39.0	13.28	74.58	33.0A		
4409	1980	11	12	11	15	32.9	13.28	74.52	37.0	4.9	3.6 Z

## III-82

GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3610	1976	01	05	02	31	36.3	13.29	74.90	95.0	6.0	
4593	1981	06	30	04	30	5.8	13.29	74.64	17.4	4.6	3.9 Z
4985	1982	10	27	00	04	18.3	13.30	75.04	33.0N		
801	1961	10	11	12	28	35.2	13.30	75.70	137.0		
2760	1972	04	28	02	16	13.1	13.31	74.04	111.9		
4619	1981	07	28	17	10	28.1	13.32	74.15	33.0A		
3629	1976	02	29	18	01	20.8	13.34	74.93	103.0	5.2	
4406	1980	11	11	12	45	20.2	13.35	74.50	33.0A		
4407	1980	11	12	06	58	11.6	13.35	74.54	71.0	4.9	
2325	1970	03	02	03	30	27.1	13.36	74.33	33.0	4.8 ISC	
4623	1981	07	29	15	07	45.2	13.36	74.42	33.0N		
4588	1981	06	27	07	52	41.1	13.36	74.49	33.0N		
1173	1964	10	06	18	19	7.5	13.40	75.80	117.0	4.2	
1185	1964	11	11	18	48	56.6	13.40	75.00	99.0	5.0	
1120	1964	05	28	12	49	57.5	13.40	74.90	103.0	5.2	
1035	1963	12	27	00	09	59.5	13.40	72.70	42.0	4.1	
1182	1964	10	28	03	07	7.3	13.40	72.60	53.0	4.4	
2641	1971	08	13	05	51	53.9	13.43	75.15	103.0	4.1	
4967	1982	10	15	07	54	57.1	13.43	74.35	26.2	4.4	
4561	1981	05	27	07	51	45.5	13.44	73.69	23.5	4.1 GS	
4334	1980	06	03	19	17	40.1	13.44	72.62	40.0	4.9	4.4 ISC
4200	1979	08	07	00	56	53.8	13.46	72.26	121.0A		
4478	1981	03	19	10	37	41.5	13.48	74.48	99.0		
3604	1975	12	16	22	21	11.2	13.48	72.57	118.1		
3130	1973	10	25	14	49	51.7	13.48	72.36	106.0D	5.0	
135	1937	03	28	12	21	42.0	13.50	75.00	120.0		5.5 PAS
1779	1967	08	03	12	40	21.1	13.50	74.80	116.0	5.2	
1586	1966	10	17	11	11	55.7	13.50	74.60	107.0	4.8	
663	1959	12	24	12	50	35.0	13.50	74.50			
1245	1965	03	09	02	55	51.6	13.50	72.70	33.0	4.1	
352	1950	05	21	18	37	40.0	13.50	72.00			6.0 PAS
4582	1981	06	23	03	20	27.0	13.50	74.58	33.0N		
4655	1981	09	11	10	08	28.2	13.52	74.86	33.0A		
2144	1969	03	15	13	06	28.8	13.52	74.43	112.0	4.7	
2216	1969	08	01	19	32	13.5	13.52	72.48	46.0	4.5	
4590	1981	06	28	03	21	53.5	13.53	74.57	48.0		
3815	1977	04	02	10	53	48.8	13.53	74.87	33.0A		
4098	1979	01	19	04	56	32.0	13.57	74.85	105.0	4.9	
4451	1981	01	26	04	13	48.7	13.57	75.54	115.0		
2448	1970	09	01	03	30	11.0	13.59	73.09	61.0	4.3	
1178	1964	10	17	07	45	33.0	13.60	72.70	57.0	4.4	
3459	1975	01	15	00	22	15.6	13.61	72.64	63.2		
2320	1970	02	26	03	03	40.7	13.65	74.01	95.0G	5.4	

## EARTHQUAKE CATALOG OF PERU

III-83

GRID NO. 15

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2749	1972	04	11	12 09 43.3	13.69	75.87	95.0	4.3	
2321	1970	02	26	07 35 46.0	13.69	74.09	91.0D	5.0	
3429	1974	11	21	19 38 40.8	13.69	75.96	90.0		
2269	1969	10	20	08 47 38.0	13.70	72.50	105.0	3.9	
2339	1970	04	06	00 56 33.9	13.71	74.50	119.0	4.6	
4646	1981	08	29	00 36 50.0	13.72	74.56	33.0A		
4982	1982	10	23	16 18 34.8	13.72	74.37	150.0A		
2056	1968	09	17	21 49 58.7	13.73	75.90	97.0	4.5	
4778	1982	02	03	06 55 8.5	13.74	74.57	33.0A		
477	1954	11	03	22 16 13.0	13.75	74.50			
209	1941	09	18	13 14 9.0	13.75	72.25	100.0		7.0 PAS
4291	1980	03	07	04 31 2.0	13.78	75.35	88.0	4.6	
4445	1981	01	10	10 58 7.5	13.79	75.04	105.1		
4795	1982	02	25	01 23 57.2	13.79	74.76	33.0N		
1097	1964	04	19	19 41 31.3	13.80	75.30	96.0	4.4	
719	1960	12	27	18 09 41.6	13.80	74.30	82.0		
1351	1965	09	26	14 20 0.1	13.80	73.00	67.0	3.7	
2796	1972	06	10	07 35 47.5	13.81	72.83	86.0	4.0	
5033	1982	12	26	18 05 35.2	13.81	74.70	33.0N		
5039	1983	01	02	04 00 11.4	13.83	75.72	33.0N		
4897	1982	07	31	21 07 41.4	13.84	72.44	33.0A		
4468	1981	03	04	11 22 37.5	13.86	73.07	117.0A		
1269	1965	05	05	09 13 56.7	13.90	75.90	94.0	4.7	
831	1962	03	12	01 52 37.0	13.90	72.60	91.0		
4642	1981	08	26	09 56 28.6	13.93	72.57	105.0D	4.4	
2192	1969	06	22	12 31 1.9	13.93	75.21	123.0	4.4	
2618	1971	06	01	07 13 34.9	13.94	73.66	33.0A		
2134	1969	02	27	05 09 30.5	13.95	74.34	111.0	5.2	
2814	1972	07	03	14 53 10.1	13.95	74.56	39.0	4.6	4.2 H
2852	1972	08	17	14 50 51.0	13.96	74.62	14.0	5.4	
5205	1984	04	22	13 21 13.2	13.97	74.27	33.0N	4.6	3.8 Z
5069	1983	03	27	18 59 34.1	13.97	74.96	33.0N		
3028	1973	05	28	03 23 18.0	13.98	75.27	104.0	3.8	
2090	1968	12	01	02 19 29.5	14.00	75.86	92.0	4.5	
13	1921	01	09	12 55 0.0	14.00	74.50			
191	1940	08	04	16 07 5.0	14.00	74.00	120.0		5.5 PAS
36	1925	01	05	13 45 46.0	14.00	73.50	200.0		6.5 PAS
3864	1977	05	30	13 35 46.0	14.05	75.88	33.0A		
3445	1974	12	17	13 47 34.8	14.05	75.75	73.0	4.6	
2609	1971	05	23	08 58 31.3	14.06	72.90	94.0	5.5	
2968	1973	03	03	21 41 52.6	14.06	74.69	46.9		
3031	1973	05	30	12 39 54.3	14.06	72.79	90.0D	5.1	
4692	1981	10	28	23 34 13.4	14.09	75.47	103.2	4.3	

## III-84

GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2672	1971	10	15	10	33	46.7	14.09	73.31	54.0	5.7	
3045	1973	06	21	11	12	35.5	14.09	74.84	0.0A		
2583	1971	03	21	14	31	37.1	14.10	72.13	83.0	5.5	
1492	1966	06	02	17	49	45.9	14.10	75.80	63.0	4.2	
784	1961	08	28	21	27	16.9	14.10	73.90	100.0		
931	1963	05	17	14	11	5.7	14.10	73.90	94.0	4.9	
1447	1966	03	12	18	06	52.7	14.10	73.60	79.0	4.1	
3638	1976	03	23	22	11	4.4	14.11	75.42	57.0	4.9	
3613	1976	01	09	17	14	54.9	14.13	72.97	33.0A		
5143	1983	09	24	06	05	10.1	14.13	72.72	112.3	4.6	
2113	1969	01	12	14	12	53.0	14.14	72.75	113.0	5.2	
4987	1982	10	31	00	26	43.1	14.15	74.90	33.0A		
4968	1982	10	16	00	12	45.1	14.16	73.00	87.0D	4.9	
4650	1981	09	07	15	26	50.0	14.16	75.23	68.5		
3774	1977	01	19	16	09	26.6	14.17	72.87	96.0	5.0	
4916	1982	08	12	12	41	41.5	14.17	73.39	151.0A		
4747	1981	12	18	21	54	49.0	14.17	72.22	90.9		
5251	1984	08	18	00	33	3.3	14.18	73.57	33.0N		
4790	1982	02	23	08	27	13.9	14.19	74.33	33.0N		
1085	1964	03	22	17	51	19.5	14.20	75.60	86.0	4.3	
1296	1965	06	30	08	15	44.3	14.20	75.60	56.0	4.0	
1785	1967	08	16	02	37	11.9	14.20	75.60	86.0	4.2	
735	1961	03	09	11	35	42.2	14.20	75.10	25.0N		
1053	1964	01	28	13	03	41.5	14.20	72.10	21.0	4.1	
2905	1972	10	31	14	25	45.2	14.21	73.40	54.5		
2233	1969	08	30	16	06	53.5	14.21	73.34	92.0	4.6	
4660	1981	09	17	21	03	53.6	14.21	73.90	33.0N		
4741	1981	12	11	16	44	49.6	14.22	75.69	76.6		
3906	1977	09	10	04	39	5.6	14.23	75.99	58.0	5.0	
2326	1970	03	02	03	30	29.7	14.23	73.30	139.0	4.7	
3561	1975	08	23	17	54	23.5	14.24	75.66	68.1		
4640	1981	08	25	10	13	17.0	14.24	73.07	33.0N		
373	1950	12	10	02	50	42.0	14.25	75.75	80.0		
3521	1975	06	01	02	44	52.1	14.27	75.70	27.0	4.7	
4843	1982	04	28	18	03	2.6	14.28	75.64	33.0A		
4756	1981	12	24	14	44	7.5	14.28	74.32	108.1		
4050	1978	09	08	01	46	4.8	14.28	73.55	0.0A		
2266	1969	10	14	02	00	4.3	14.29	75.29	102.0	4.5	
2228	1969	08	22	09	46	48.3	14.30	73.30	93.0	4.2	
4787	1982	02	14	12	54	23.8	14.30	72.39	170.3		
858	1962	07	25	06	05	15.9	14.30	75.50	100.0		
1059	1964	02	05	04	13	26.7	14.30	73.70	166.0	3.1	
1141	1964	07	01	22	49	23.4	14.30	73.10	139.0	5.2	

7.0 PAS

## EARTHQUAKE CATALOG OF PERU

III-85

GRID NO.15

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
4871	1982	06	16	09 51 34.5	14.31	73.81	33.0A		
3076	1973	07	29	16 15 49.6	14.33	72.13	82.0	5.5	
4070	1978	11	10	17 25 32.1	14.33	73.49	94.0		
2161	1969	04	20	04 30 48.9	14.34	72.07	105.0G	4.4	
4991	1982	11	12	13 32 31.8	14.34	75.13	33.0N		
2885	1972	09	30	17 04 11.7	14.35	73.21	94.2		
1095	1964	04	10	06 09 10.9	14.37	75.70	68.0	4.1	ISC
4328	1980	05	25	19 06 39.0	14.37	73.90	100.0		
5173	1983	12	20	11 37 15.7	14.38	73.67	94.3	4.7	
3453	1974	12	29	11 18 58.9	14.38	72.56	0.0A		
2886	1972	09	30	17 26 37.8	14.38	73.19	102.1		
4215	1979	09	08	01 13 6.1	14.40	75.87	67.0	4.7	
1513	1966	06	20	00 30 21.1	14.40	75.60	59.0	4.2	
814	1961	12	17	21 32 3.1	14.40	75.50	84.0		
851	1962	07	08	02 25 55.8	14.40	75.50	88.0		
1507	1966	06	10	14 13 42.3	14.40	75.40	25.0	4.5	
1428	1966	02	07	08 41 18.4	14.40	73.80	7.0	4.9	
1338	1965	09	10	10 24 19.4	14.40	72.40	94.0	3.9	
1850	1967	12	10	23 46 32.8	14.40	72.20	33.0	4.4	ISC
3526	1975	06	08	15 09 59.7	14.41	72.69	33.0A		
4094	1979	01	06	03 06 1.8	14.44	75.68	54.0D	4.7	
4626	1981	08	06	01 59 21.6	14.45	74.54	105.5		
3951	1977	12	22	11 32 0.1	14.45	73.86	159.1		
4479	1981	03	21	11 45 26.8	14.45	73.26	76.0	4.9	
2289	1969	12	12	07 34 10.7	14.45	75.79	88.0	4.2	
2785	1972	05	30	07 33 18.3	14.45	75.98	71.4		
3204	1974	02	10	08 12 53.3	14.46	75.66	68.0	4.5	
4529	1981	04	29	18 04 20.8	14.47	75.08	33.0N		
4087	1978	12	26	18 16 47.0	14.47	73.92	91.0	4.5	
4388	1980	10	03	13 24 35.0	14.49	73.04	33.0A		
83	1931	06	15	11 19 55.0	14.50	75.50			6.0 PAS
1813	1967	10	05	09 41 31.4	14.50	75.40	100.0	5.6	
669	1960	01	17	02 57 58.0	14.50	74.50	150.0		6.3 PAS
643	1959	07	03	03 51 6.0	14.50	74.00	100.0		
2324	1970	03	02	03 30 24.4	14.50	73.73	93.0	4.5	ISC
676	1960	04	01	13 18 23.0	14.50	73.50	100.0		
569	1957	12	15	22 18 25.0	14.50	73.00			
529	1956	05	29	17 48 26.0	14.50	72.50	100.0		
4789	1982	02	18	17 27 16.9	14.50	75.19	27.2A		
3128	1973	10	23	07 39 8.1	14.51	73.02	94.0	4.0	
4752	1981	12	21	12 50 45.3	14.52	74.44	0.0A		
3384	1974	10	11	04 36 22.8	14.52	74.28	99.0	5.3	
4210	1979	08	24	10 48 55.1	14.52	75.85	33.0N	4.7	

III-86

## GRID NO.15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mmb	Ms
2155	1969	04	07	18	49	32.9	14.53	73.38	96.0	4.3	6.1 PAS
4270	1980	01	16	15	49	15.0	14.54	73.49	94.0	5.7	
3189	1974	02	01	06	55	30.8	14.54	72.36	114.1		
4674	1981	10	05	10	22	56.3	14.56	74.44	152.0A		
3652	1976	05	06	13	00	48.3	14.58	72.11	105.0	4.7	
3415	1974	11	09	10	10	37.7	14.59	73.67	95.9		
1508	1966	06	11	11	04	11.6	14.60	75.80	41.0	4.4	
1554	1966	08	31	09	56	49.7	14.60	75.30	115.0	4.4	
974	1963	09	10	07	36	8.7	14.60	73.60	176.0	4.0	
2148	1969	03	25	21	22	20.9	14.60	74.93	38.0	4.2	
2452	1970	09	11	01	43	52.7	14.65	74.25	90.0	4.1	5.0
4974	1982	10	18	15	30	10.9	14.66	74.86	33.0A		
4792	1982	02	24	15	41	10.7	14.68	75.19	33.0N		
4254	1979	12	27	07	50	8.6	14.68	74.56	110.0	5.0	
3863	1977	05	29	23	48	26.5	14.69	73.81	33.0A		
2703	1972	01	15	15	42	31.7	14.69	72.54	82.0	4.3	
1399	1965	12	19	20	10	23.7	14.70	73.50	97.0	5.1	
3089	1973	08	11	22	08	54.1	14.70	72.72	90.7	4.5	
4860	1982	05	28	02	15	37.2	14.71	74.41	33.0A		
3476	1975	02	21	20	19	42.8	14.71	74.05	108.0D	4.9	
2327	1970	03	03	09	15	6.8	14.72	72.53	106.0D	5.0	4.6
3454	1974	12	31	15	29	14.2	14.73	73.07	107.0	3.8	
2883	1972	09	29	02	34	38.7	14.74	74.53	99.9		
4485	1981	03	29	15	19	18.0	14.75	75.95	33.0A		
4513	1981	04	20	14	30	43.5	14.76	73.95	93.0	4.6	
2648	1971	09	05	09	06	15.6	14.76	75.25	55.0	4.3	
3498	1975	04	12	15	33	8.6	14.77	72.71	81.0	5.9	
2919	1972	11	30	20	05	6.8	14.77	73.37	98.5	4.3	
1512	1966	06	19	15	40	48.1	14.80	75.80	33.0	5.1	
3501	1975	04	19	13	13	39.2	14.80	72.80	93.0	4.7	
2841	1972	07	29	08	27	3.0	14.82	73.69	125.2		3.5 ISC 6.4 MAT
5259	1984	09	03	17	15	41.9	14.82	72.34	107.4	5.1	
2212	1969	07	27	13	11	31.4	14.83	75.39	45.0	4.3	
4432	1980	12	17	09	44	13.0	14.84	72.45	102.0	4.8	
612	1959	01	03	11	17	39.0	14.84	75.70			
4466	1981	03	01	12	56	26.7	14.85	72.77	128.0A		
2712	1972	02	04	05	15	7.6	14.85	73.02	89.0	4.5	
5270	1984	12	10	10	22	4.9	14.86	75.33	56.4	5.4	
4928	1982	08	25	11	27	26.7	14.86	73.69	33.0A		
4961	1982	10	06	01	45	18.6	14.86	73.07	125.0A		
2191	1969	06	21	15	52	10.2	14.88	75.80	44.0	4.7	
2029	1968	08	03	04	23	3.0	14.89	75.78	68.0	4.3	
4930	1982	08	27	15	14	53.3	14.90	74.66	33.0N		

## EARTHQUAKE CATALOG OF PERU

III-87

GRID NO.15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1499	1966	06	07	00	59	45.3	14.90	75.90	33.0	5.5	6.3 PAS
813	1961	12	09	03	58	55.4	14.90	75.70	39.0		5.0 PAL
1419	1966	01	20	07	14	4.2	14.90	75.70	46.0	4.9	
3823	1976	02	09	09	39	8.7	14.90	73.71	106.0	4.6	
1739	1967	06	14	03	14	17.5	14.90	73.40	99.0	5.6	
1132	1964	06	21	06	54	46.2	14.90	73.30	80.0	5.0	
4927	1982	08	24	05	32	22.3	14.92	73.92	33.0A		
4729	1981	12	02	08	50	36.1	14.93	73.99	142.9		
4157	1979	05	26	22	33	29.0	14.93	75.05	77.0	4.4	
1126	1964	06	06	00	32	52.1	14.93	72.10	108.0	4.1	ISC
5129	1983	08	18	20	15	46.3	14.93	75.08	64.2D	5.2	
3401	1974	10	26	18	53	23.6	14.94	73.31	110.0D	5.3	
3860	1977	05	27	06	49	0.4	14.94	73.09	33.0A		
4337	1980	06	12	09	17	42.0	14.95	72.06	130.0A		
4925	1982	08	23	08	38	42.6	14.95	73.94	45.9	4.5	3.7 ISC
3134	1973	10	31	08	32	27.3	14.96	75.18	0.0A		
3244	1974	04	27	06	01	47.3	14.96	72.21	113.0	5.8	6.5 PAS
4836	1982	04	19	04	38	43.8	14.96	73.69	110.7	4.5	
2099	1968	12	12	23	41	36.5	14.96	73.57	103.0	5.0	
4034	1978	07	25	15	38	16.5	14.97	75.76	33.0A		
4535	1981	05	02	17	46	59.7	14.97	74.05	192.5		
3224	1974	03	25	16	59	56.2	14.97	72.93	98.6		
4548	1981	05	13	12	32	33.7	14.97	72.99	66.0		
4748	1981	12	19	19	24	25.2	14.98	75.11	63.8	4.8	
3824	1977	04	30	20	31	47.7	14.98	75.61	10.0	5.3	4.8 Z
4923	1982	08	20	22	03	29.2	14.98	74.15	156.4		
3220	1974	03	16	02	47	16.2	14.99	74.37	33.0A		
2166	1969	05	05	09	11	0.6	14.99	72.80	102.0	4.3	
2529	1970	12	14	17	30	35.5	14.99	73.45	85.0G	4.8	
3763	1976	12	15	02	33	22.8	15.00	73.71	96.0	5.0	
4903	1982	08	04	20	59	46.0	15.00	73.98	33.0A		
1004	1963	11	04	03	29	30.5	15.00	75.80	52.0	4.0	
1502	1966	06	07	03	24	19.0	15.00	75.80	51.0	4.9	
1442	1966	02	27	05	58	42.6	15.00	75.70	33.0	4.4	
1740	1967	06	16	10	01	34.7	15.00	75.60	22.0	4.6	
176	1939	11	18	07	42	15.0	15.00	75.50			5.6 PAS
481	1955	01	03	18	41	57.0	15.00	75.40	64.0		5.9 ROM
94	1932	12	09	08	34	55.0	15.00	75.00	75.0		6.5 PAS
228	1942	07	21	08	43	48.0	15.00	75.00			
231	1942	08	25	20	16	0.0	15.00	75.00	150.0		
440	1953	07	26	13	05	22.0	15.00	75.00	60.0		
611	1959	01	03	04	15	47.0	15.00	75.00			
668	1960	01	15	09	30	24.0	15.00	75.00	150.0		7.0 PAS



III-88

GRID NO.15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
502	1955	07	21	11	45	40.0	15.00	74.00	100.0		6.8 PAS
1253	1965	03	28	05	30	25.4	15.00	72.30	108.0	4.6	
261	1943	02	16	07	28	35.0	15.00	72.00	190.0		7.0 PAS
606	1958	11	01	15	22	55.0	15.00	72.00			
2570	1971	01	26	05	37	56.5	15.00	72.64	108.0D	5.1	
4926	1982	08	23	10	59	17.3	15.01	74.05	33.0A		
2468	1970	10	30	03	58	48.0	15.02	72.36	112.0	3.6	
3746	1976	10	28	09	59	29.6	15.02	73.73	84.2	5.3	GS
2149	1969	03	26	01	14	31.0	15.03	75.37	29.0	4.9	
3170	1973	12	30	11	34	44.2	15.04	72.00	80.3A		
2039	1968	08	26	20	41	6.3	15.04	72.12	113.0		
4487	1981	03	31	11	57	26.5	15.04	75.76	33.0A		
3455	1975	01	02	11	31	21.1	15.06	73.05	33.0A		
5261	1984	09	20	09	53	46.0	15.06	73.50	107.6	5.2	
4918	1982	08	14	22	45	8.9	15.06	73.48	33.0A		
4954	1982	09	27	02	59	46.8	15.07	75.56	33.0N		
2671	1971	10	15	02	42	3.6	15.07	73.91	92.0	4.9	
4958	1982	10	04	16	45	49.2	15.08	72.09	164.4		
5254	1984	08	23	08	36	42.7	15.09	72.08	129.4	4.5	
5162	1983	11	23	08	12	15.0	15.09	75.55	54.4	5.1	4.9 Z
2612	1971	05	26	12	55	36.4	15.09	74.09	63.2		
2457	1970	09	30	22	56	26.4	15.10	74.90	62.0D	4.9	
3026	1973	05	23	05	14	48.4	15.10	74.47	104.0	4.0	
1503	1966	06	07	15	14	42.9	15.10	75.80	56.0	4.9	
889	1962	11	23	00	30	5.3	15.10	75.60	33.0		
1511	1966	06	18	05	43	16.3	15.10	75.60	100.0	4.0	
884	1962	11	08	00	02	10.0	15.10	75.40	44.0		
232	1942	08	25	20	51	16.0	15.10	75.00			
233	1942	08	26	12	08	30.0	15.10	75.00			
234	1942	08	26	14	18	13.0	15.10	75.00			
236	1942	09	02	16	12	2.0	15.10	75.00			
237	1942	09	12	05	40	24.0	15.10	75.00			
238	1942	09	30	16	04	26.0	15.10	75.00			
1023	1963	11	29	01	58	45.1	15.10	73.70	124.0	4.7	
909	1963	02	27	11	00	42.8	15.10	73.60	105.0	5.2	
907	1963	02	24	05	38	19.1	15.10	72.50	97.0	5.0	
1613	1966	10	27	10	07	39.5	15.10	72.10	130.0	4.2	
937	1963	06	01	14	37	1.7	15.10	72.00	123.0		
1654	1966	12	22	15	57	21.6	15.10	72.00	128.0	4.1	
2071	1968	10	27	13	11	15.4	15.10	72.37	133.0		
4963	1982	10	08	01	14	3.3	15.12	72.27	131.2		
2888	1972	10	06	09	36	28.5	15.13	73.33	121.0	4.0	
2662	1971	09	27	21	14	35.4	15.13	75.28	22.0	4.6	

## EARTHQUAKE CATALOG OF PERU

III-89

GRID NO.15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1674	1967	02	11	19	25	2.5	15.13	72.03	133.0	4.0	
4827	1982	04	15	04	25	46.8	15.14	74.25	113.7		
3131	1973	10	26	04	01	15.5	15.15	72.24	132.5		
4720	1981	11	24	00	37	39.0	15.17	75.97	33.0A		
5112	1983	06	22	08	08	12.6	15.17	72.74	33.0N	4.9	
2984	1973	03	21	05	22	54.3	15.18	75.33	80.8		
3469	1975	02	10	19	20	29.4	15.18	75.87	57.0	4.9	
3672	1976	05	28	07	30	2.2	15.19	72.15	137.0	4.7	
4144	1979	04	25	22	18	1.6	15.19	72.37	74.0	5.0	
2032	1968	08	11	02	41	52.8	15.19	73.97	91.0D	5.6	
1568	1966	09	20	14	32	43.2	15.20	75.50	34.0	4.8	
1430	1966	02	09	15	13	29.2	15.20	75.30	45.0	5.5	5.6 PAL
1759	1967	07	13	14	20	38.7	15.20	74.90	74.0	5.2	
714	1960	12	17	07	38	31.1	15.20	73.50	28.0		
1640	1966	12	01	00	17	48.4	15.20	73.10	62.0	4.4	
1633	1966	11	15	17	32	33.7	15.20	72.70	106.0		
871	1962	09	26	15	42	49.6	15.20	72.40	276.0		
3683	1976	06	18	14	58	53.6	15.20	75.44	32.0D	5.7	5.2 Z
4297	1980	03	12	04	27	34.4	15.21	75.71	37.0	5.0	4.4 Z
2890	1972	10	09	16	17	18.1	15.21	73.11	98.0	4.9	
4502	1981	04	14	20	08	2.0	15.22	72.07	188.0		
4106	1979	02	12	16	01	30.4	15.22	75.82	33.0N	4.7	
2265	1969	10	14	01	27	39.0	15.22	75.42	56.0	4.1	
2822	1972	07	10	07	12	9.4	15.23	74.29	113.8		
4716	1981	11	21	00	41	41.8	15.23	72.37	33.0A		
5004	1982	11	22	15	36	28.5	15.23	75.71	33.0A		
1662	1967	01	20	00	59	41.9	15.23	73.52	105.0	4.7	
4027	1978	06	30	09	00	51.7	15.24	72.53	114.4		
3897	1977	08	13	20	25	22.2	15.25	72.49	112.0		
3123	1973	10	19	09	09	24.1	15.25	72.45	116.5		
2821	1972	07	09	05	43	46.1	15.26	75.75	0.0A		
2674	1971	10	21	01	57	37.9	15.27	73.12	116.0	4.7	
4534	1981	05	02	06	30	55.1	15.28	72.18	178.0		
4905	1982	08	05	14	27	50.9	15.28	75.87	33.0N		
4793	1982	02	24	16	00	29.4	15.28	74.44	33.0N		
3321	1974	08	31	22	15	25.6	15.30	72.09	126.0	3.8	
3682	1976	06	18	10	13	51.0	15.30	75.50	33.0N	5.6	5.5 Z 5.6 BRK
3369	1974	10	06	18	32	43.3	15.30	74.78	90.0	4.9	
81	1931	02	09	02	11	3.0	15.30	75.80			
764	1961	07	01	13	10	40.9	15.30	74.80	68.0		5.5 MAT
72	1928	10	19	05	49	0.0	15.30	73.00			
1082	1964	03	19	22	29	3.2	15.30	72.90	115.0	4.7	

## III-90

## GRID NO.15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
975	1963	09	17	02	22	49.1	15.30	72.60	143.0	3.5	
3679	1976	06	13	22	02	47.6	15.31	75.42	33.0N	5.6	5.6 Z 5.6 BRK
2780	1972	05	25	14	17	52.4	15.31	72.31	129.0	4.2	
4395	1980	10	26	14	02	31.5	15.32	72.57	33.0A		
3147	1973	11	11	06	40	32.0	15.33	74.02	102.0	4.5	
4732	1981	12	04	16	47	53.6	15.34	73.68	33.0A		
4603	1981	07	13	20	12	32.5	15.34	74.04	33.0A		
4802	1982	03	07	18	49	38.3	15.35	73.15	118.7		
4964	1982	10	09	03	11	20.8	15.36	74.86	33.0A		
4349	1980	06	29	20	12	51.5	15.36	74.10	89.0	4.8	
3979	1978	03	21	01	00	49.1	15.36	74.80	33.0N	4.9	4.0 Z
3701	1976	07	30	23	16	12.9	15.37	72.40	123.5		
3721	1976	09	14	14	27	18.1	15.37	74.45	98.0	5.0	
3466	1975	01	23	11	04	15.6	15.37	72.85	112.0D	5.4	
4016	1978	05	25	20	26	38.8	15.38	75.33	67.0		
3193	1974	02	03	03	24	18.5	15.39	74.56	33.0A		
3482	1975	03	12	02	39	40.8	15.39	75.22	33.0A	4.1	
5031	1982	12	25	00	02	27.8	15.39	73.65	99.1	4.9	
4367	1980	08	22	03	37	56.7	15.39	75.75	53.2	4.9	3.4
5171	1983	12	19	06	26	2.6	15.40	74.54	63.6D	5.4	
4241	1979	11	21	02	32	47.9	15.40	75.95	120.0A		
1619	1966	11	03	13	26	34.0	15.40	75.30	73.0	4.4	
1088	1964	03	24	22	48	12.1	15.40	75.10	50.0		
1438	1966	02	23	18	10	21.9	15.40	72.70	115.0	4.9	
905	1963	02	08	22	40	37.2	15.40	72.30	281.0		
4719	1981	11	23	00	04	1.2	15.40	74.19	33.0N		
2122	1969	02	03	06	10	15.9	15.41	75.84	64.0	4.5	
2846	1972	08	11	10	44	28.0	15.41	73.22	95.0	5.1	
2722	1972	03	17	04	29	40.5	15.42	73.68	92.4		
4839	1982	04	22	03	31	14.0	15.42	74.30	33.0A		
3684	1976	06	18	17	10	42.6	15.43	75.69	40.3		
4869	1982	06	12	12	57	26.0	15.44	73.40	102.7	4.5	
3422	1974	11	16	15	09	57.0	15.45	73.46	109.7		
3231	1974	04	08	06	46	51.2	15.45	73.47	33.0A		
4576	1981	06	22	07	12	47.4	15.45	75.73	33.0A		
3700	1976	07	29	08	48	30.5	15.45	75.23	63.0	4.8	
5115	1983	06	29	16	51	44.2	15.47	75.70	33.0N		
3599	1975	12	06	09	48	51.3	15.48	75.48	33.0A		
4369	1980	08	27	05	00	24.2	15.49	75.14	33.0A		
3219	1974	03	15	11	26	1.4	15.49	72.13	0.0A	4.5	
3718	1976	09	03	17	57	6.8	15.50	73.68	63.0	5.2	
1732	1967	06	04	18	28	39.6	15.50	75.70	38.0	4.7	

## EARTHQUAKE CATALOG OF PERU

III-91

## GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1521	1966	07	06	00	05	53.2	15.50	75.60	26.0	5.0	
97	1933	07	31	15	23	7.0	15.50	75.50	80.0		6.0 PAS
339	1949	09	08	16	02	2.0	15.50	75.50	150.0		
539	1956	10	12	02	37	44.0	15.50	75.28			6.5 PAS
645	1959	07	06	08	28	20.0	15.50	75.00			
1392	1965	12	08	02	55	38.4	15.50	74.70	79.0	4.3	
211	1941	10	15	09	35	15.0	15.50	74.00	110.0		6.0 PAS
381	1951	03	04	11	17	33.0	15.50	74.00	150.0		6.9 PAS
1749	1967	06	24	18	07	28.5	15.50	74.00	90.0	4.9	
870	1962	09	22	16	45	31.0	15.50	73.10	137.0		
123	1935	03	26	19	54	47.0	15.50	73.00	120.0		6.0 PAS
332	1949	07	21	08	01	39.0	15.50	73.00	150.0		6.5 PAS
1143	1964	07	04	12	13	56.9	15.50	72.50	148.0	5.3	
5224	1984	05	30	16	45	27.9	15.51	74.56	28.7	4.9	
2337	1970	04	01	10	50	41.3	15.51	74.96	36.0	5.2	4.8 H
3752	1976	11	16	07	53	47.4	15.52	72.37	169.0A		
4338	1980	06	15	23	47	15.0	15.52	75.24	26.0D	5.4	5.4 Z
3708	1976	08	18	17	45	24.4	15.52	74.99	49.0		
3630	1976	03	08	08	58	17.3	15.53	74.40	71.0	5.1	
4362	1980	08	11	19	41	5.8	15.54	75.18	33.0N	5.1	5.1 Z
2781	1972	05	25	18	25	37.0	15.54	73.61	118.0		
5201	1984	03	28	13	38	30.6	15.54	72.73	119.1D	4.9	
4898	1982	08	02	09	38	45.1	15.55	74.58	33.0A		
3544	1975	07	23	16	57	33.6	15.55	75.28	59.7	4.6	GS
3474	1975	02	13	13	32	20.3	15.55	72.70	154.0	3.6	
4172	1979	06	09	01	25	6.1	15.55	75.21	33.0A		
4938	1982	09	02	04	51	59.3	15.55	75.30	33.0A		
4784	1982	02	12	09	30	56.9	15.56	73.06	158.2		
2307	1970	01	20	10	03	37.1	15.57	73.31	105.0	4.0	
2131	1969	02	23	12	51	31.4	15.57	75.76	33.0N	4.8	
3025	1973	05	19	18	18	31.4	15.57	73.85	79.0D	5.2	
2946	1973	01	16	06	31	36.9	15.59	74.26	55.0	4.6	
5043	1983	01	24	20	58	54.0	15.59	75.51	33.0N	4.7	
4459	1981	02	13	19	58	52.2	15.59	74.53	65.0D	5.6	5.2 BRK
3513	1975	05	09	03	11	3.4	15.60	73.07	33.0A		
434	1953	06	17	14	08	36.0	15.60	74.60	64.0		
1836	1967	11	12	08	49	24.5	15.60	74.60	68.0	3.9	
1345	1965	09	19	14	17	54.5	15.60	74.40	69.0	4.8	
867	1962	09	09	03	21	55.5	15.60	73.40	98.0		
1002	1963	11	03	07	38	10.7	15.60	73.30	112.0	4.8	
1165	1964	09	17	07	41	13.9	15.60	72.90	118.0	5.0	
1093	1964	04	08	16	01	11.1	15.60	72.70	103.0	4.0	
4492	1981	04	10	05	25	53.9	15.60	75.34	0.0A		

III-92

GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5048	1983	02	14	20	13	28.8	15.61	72.23	120.3		
3772	1977	01	16	17	15	47.1	15.61	75.09	33.0N	4.2	
2222	1969	08	10	02	39	33.9	15.61	74.11	83.0	4.8	
4689	1981	10	24	17	01	34.9	15.61	74.49	33.0N	4.7	4.0 Z
4182	1979	06	16	04	54	26.4	15.61	73.96	84.0	4.9	
2670	1971	10	14	00	11	10.3	15.61	72.07	121.0	4.4	
4904	1982	08	04	23	06	29.4	15.62	75.92	33.0A		
3312	1974	08	15	23	46	49.5	15.63	74.52	101.0	4.8	
4859	1982	05	27	09	48	20.1	15.63	73.20	33.0A		
5277	1984	12	29	09	41	57.3	15.63	73.32	112.8		
3548	1975	08	03	11	59	20.7	15.65	75.11	15.0	5.3	5.9 Z
3165	1973	12	16	13	20	11.3	15.65	73.80	98.9		
3079	1973	07	31	05	31	45.4	15.67	72.63	141.0	3.9	
4186	1979	06	21	01	21	57.8	15.67	75.94	33.0N	5.3	
3694	1976	07	10	08	00	26.7	15.67	75.70	33.0A		
4972	1982	10	17	08	35	25.3	15.67	73.04	114.0D	5.2	
2819	1972	07	05	20	21	55.8	15.68	75.19	33.0N	5.1	
2874	1972	09	22	06	27	17.4	15.68	74.78	61.0		
4664	1981	09	21	19	01	41.1	15.68	75.31	33.0A		
4913	1982	08	11	03	41	8.4	15.68	72.37	120.2		
3551	1975	08	03	17	44	50.2	15.69	74.97	51.0	4.7	
4519	1981	04	23	21	57	40.1	15.69	74.99	33.0N	4.5	
4222	1979	09	24	11	38	49.4	15.69	72.04	132.0		
1731	1967	06	04	18	16	27.1	15.70	75.60	33.0	4.3	
1775	1967	07	29	11	30	53.6	15.70	75.50	48.0	4.1	
1493	1966	06	04	10	04	38.2	15.70	74.60	54.0	4.2	
829	1962	03	01	02	12	37.3	15.70	74.30	64.0		
1254	1965	03	28	09	59	58.0	15.70	74.10	45.0	5.4	5.1 PAS
1312	1965	07	28	19	42	47.5	15.70	73.90	92.0	4.1	
1386	1965	12	03	01	01	55.9	15.70	72.00	178.0		
5232	1984	06	18	11	20	17.9	15.70	72.49	116.8D	5.8	
3970	1978	02	12	22	24	32.9	15.71	72.63	144.0		
3531	1975	06	15	17	46	28.9	15.71	72.72	122.0	4.2	
2944	1973	01	15	06	27	31.0	15.71	75.08	43.0	4.5	
3644	1976	04	06	09	07	26.1	15.72	75.05	33.0A		
3549	1975	08	03	14	23	43.7	15.72	75.11	56.6	4.7	GS
3056	1973	07	09	05	30	6.3	15.73	73.67	99.0	4.6	
5156	1983	11	12	13	53	32.7	15.73	74.11	71.3D	5.3	
3190	1974	02	01	13	06	17.7	15.74	75.04	48.0	5.2	4.7 H
4162	1979	05	31	05	43	0.6	15.74	72.52	132.0A		
3461	1975	01	19	18	41	2.8	15.75	72.62	119.7	4.5	GS
4744	1981	12	14	03	28	18.2	15.75	75.51	33.0N		
552	1957	02	21	20	04	47.0	15.75	75.75			

## EARTHQUAKE CATALOG OF PERU

III-93

GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
96	1933	07	23	04	13	11.0	15.75	75.25	80.0		6.0 PAS
4042	1978	08	06	08	08	2.1	15.75	74.02	217.9		
5110	1983	06	21	15	42	39.3	15.75	73.86	131.8		
2084	1968	11	22	08	47	30.8	15.75	74.03	89.0	4.3	
3773	1977	01	19	13	50	26.5	15.76	72.81	133.3		
4341	1980	06	16	10	40	46.0	15.76	75.48	23.0D	4.7	4.2 Z
3065	1973	07	23	09	42	57.7	15.77	75.25	80.5		
3648	1976	04	25	16	36	37.5	15.78	73.46	179.8		
4656	1981	09	11	14	14	15.8	15.78	73.16	33.0N		
5106	1983	06	18	01	21	0.9	15.78	72.48	131.9	4.8	
4742	1981	12	11	17	22	54.2	15.79	75.52	33.0N		
2913	1972	11	18	09	49	52.8	15.79	74.19	97.8		
1520	1966	07	05	23	50	17.8	15.80	75.80	38.0	4.8	
912	1963	03	04	18	31	51.0	15.80	75.30	40.0	4.9	
1807	1967	09	25	04	00	39.5	15.80	75.10	16.0	4.4	
1494	1966	06	04	14	48	9.1	15.80	74.40	36.0	4.2	
797	1961	09	25	01	22	31.3	15.80	73.70	96.0		
1014	1963	11	12	12	26	45.1	15.80	72.40	33.0	4.0	
3616	1976	01	20	13	28	0.6	15.80	72.75	143.4		
4346	1980	06	23	18	35	21.2	15.80	74.14	48.0	5.0	
4730	1981	12	04	00	36	28.5	15.82	75.91	33.0N		6.0 ISC
4208	1979	08	21	12	16	11.5	15.82	74.36	81.0	4.9	
2125	1969	02	05	01	50	36.9	15.82	72.97	113.0	4.4	
4845	1982	05	05	06	40	44.4	15.83	74.20	33.0A		
1722	1967	05	16	00	57	56.6	15.84	75.29	33.0N	4.7	
2244	1969	09	21	11	28	25.0	15.84	74.71	59.0	4.7	
3096	1973	09	01	01	03	19.1	15.84	72.11	0.0A		
5184	1984	01	16	08	52	24.7	15.85	72.98	114.0		
4013	1978	05	23	06	54	24.9	15.85	74.59	86.0	4.9	
2603	1971	05	15	06	42	34.7	15.86	72.75	124.8		
3099	1973	09	07	06	18	47.0	15.86	75.99	0.0A		
2925	1972	12	08	00	24	46.4	15.86	75.96	0.0A		
1921	1968	05	21	14	44	58.3	15.86	72.97	111.0	4.1	
3873	1977	06	21	15	32	8.0	15.87	75.50	33.0A	4.6	
4464	1981	02	27	09	15	9.5	15.87	75.66	33.0N	4.7	
2838	1972	07	24	23	21	25.1	15.87	74.89	0.0A		4.4 Z
5183	1984	01	16	06	05	29.4	15.88	73.11	128.7	4.4	
3831	1977	05	06	12	52	38.1	15.88	75.03	33.0N	5.0	
2975	1973	03	12	10	13	31.9	15.88	72.08	139.0	4.1	
2009	1968	07	08	05	24	42.0	15.88	72.26	122.0		
2353	1970	05	27	06	20	16.6	15.89	73.14	116.0	4.3	
1532	1966	07	31	22	18	24.0	15.90	75.80	18.0	4.5	
944	1963	06	25	10	45	31.8	15.90	75.20	33.0	4.2	

## III-94

## GRID NO. 15

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1808	1967	09	25	04	03	50.1	15.90	75.20	33.0	4.7	
972	1963	08	31	10	30	30.1	15.90	74.40	53.0	4.1	
150	1937	11	02	17	54	54.0	15.90	74.00			
1839	1967	11	15	19	29	53.1	15.90	73.60	81.0	4.4	
1363	1965	10	17	14	09	5.1	15.90	73.20	105.0	4.4	
723	1961	01	08	05	21	46.7	15.90	73.10	135.0		
90	1932	07	03	17	30	21.0	15.90	72.80			
3046	1973	06	21	13	01	8.5	15.91	74.19	84.0	4.2	
4091	1979	01	05	09	29	38.4	15.93	74.93	28.0	5.1	
4401	1980	11	05	19	24	25.3	15.93	72.28	129.0	4.8	
3996	1978	04	22	18	48	52.7	15.94	73.10	118.0		
2889	1972	10	09	01	19	32.7	15.94	75.97	0.0A		
2626	1971	06	25	07	08	46.4	15.94	73.71	82.0	4.5	
3910	1977	09	16	00	09	8.9	15.95	74.82	52.0	4.8	4.1 Z
3192	1974	02	02	21	09	1.5	15.95	74.48	63.0	5.2	
3007	1973	04	24	07	29	9.7	15.95	72.81	50.0	3.8	
4201	1979	08	07	15	49	42.5	15.95	72.18	139.7		
4169	1979	06	06	20	15	51.4	15.96	75.11	33.0A		
4896	1982	07	31	09	19	40.7	15.96	74.66	33.0N		
3286	1974	07	02	19	34	10.4	15.97	75.15	33.0N	4.8	4.8 H
5094	1983	05	14	15	41	19.9	15.97	73.74	33.0N		
3706	1976	08	17	06	02	38.5	15.98	72.91	95.0	5.1	
3702	1976	08	05	22	20	1.1	15.99	73.35	94.9	5.1	GS
4847	1982	05	08	05	12	19.6	16.00	75.44	33.0N	4.3	
77	1930	06	25	10	17	38.0	16.00	75.00			
593	1958	06	08	15	52	23.0	16.00	75.00			
1754	1967	07	03	05	28	11.4	16.00	74.90	40.0	4.7	
392	1951	07	03	11	24	42.0	16.00	74.50	96.0		
405	1952	02	20	09	10	3.0	16.00	74.50	96.0		
574	1958	02	21	03	18	25.0	16.00	74.50			
269	1943	07	05	21	07	54.0	16.00	74.00			6.8 PAS
273	1943	11	16	11	38	0.0	16.00	74.00	100.0		
525	1956	05	03	02	11	17.0	16.00	74.00			
712	1960	11	29	19	17	6.0	16.00	74.00			
210	1941	10	15	00	07	6.0	16.00	73.50	100.0		
221	1942	05	16	03	28	12.0	16.00	73.00			
338	1949	08	23	15	13	44.0	16.00	73.00	150.0		
699	1960	09	26	16	58	13.9	16.00	72.90	115.0		
27	1922	10	11	14	49	50.0	16.00	72.50	50.0		7.4 PAS
133	1936	09	16	17	44	13.0	16.00	72.50	130.0		5.8 PAS
140	1937	07	09	17	27	40.0	16.00	72.00	180.0		6.0 PAS
551	1957	02	20	05	17	18.0	16.00	72.00	100.0		
580	1958	03	11	21	38	56.0	16.00	72.00			

## EARTHQUAKE CATALOG OF PERU

III-95

GRID NO. 15

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
609	1958 12 19	11 14 40.0	16.00	72.00	100.0		
667	1960 01 13	15 40 34.0	16.00	72.00	200.0		7.5 PAS



## GRID NO. 16

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4440	1980	12	29	01	19	22.0	12.28	71.26	33.0N	4.8	
670	1960	01	23	03	37	32.0	12.50	68.50			
598	1958	07	26	18	04	42.0	12.50	68.00	650.0		
3820	1977	04	14	06	24	9.9	12.61	71.67	33.0A		
1531	1966	07	29	08	26	4.2	12.70	71.10	43.0	4.3	
3502	1975	04	20	15	47	12.6	12.75	68.59	0.0A		
4940	1982	09	04	21	32	30.7	12.76	71.78	33.0A		
2839	1972	07	27	03	31	36.1	12.77	71.92	0.0A		
1350	1965	09	26	05	47	56.2	13.00	70.30	37.0	4.3	
60	1928	04	09	17	34	15.0	13.00	69.50	30.0		6.9 PAS
61	1928	04	27	20	34	58.0	13.00	69.50			6.8 PAS
3961	1978	01	21	13	29	40.7	13.02	71.54	75.0	5.2	
3332	1974	09	23	02	29	14.2	13.12	70.43	0.0A		
2112	1969	01	10	13	37	24.0	13.16	69.21	636.0	4.0	
1919	1968	05	11	10	39	0.6	13.28	68.89	33.0N	3.6	
2914	1972	11	22	20	01	29.4	13.28	69.77	0.0A		
3488	1975	03	27	21	37	14.2	13.36	69.28	0.0A		
1138	1964	06	28	05	52	34.6	13.40	71.50	237.0	3.8	
4899	1982	08	02	09	59	12.7	13.47	70.51	33.0N	4.3	
1270	1965	05	08	22	22	36.9	13.50	71.40	20.0	4.3	
453	1954	03	16	15	19	1.0	13.50	71.25			
4057	1978	10	02	00	17	44.9	13.50	70.64	56.0	4.8	
597	1958	07	26	17	37	9.0	13.50	69.00	620.0		7.5 PAS
3761	1976	12	02	13	34	19.1	13.52	68.14	33.0A		
2591	1971	04	21	04	06	28.3	13.54	71.20	48.0	4.6	
3238	1974	04	17	02	01	32.9	13.66	71.94	0.0A		
1851	1967	12	11	04	27	21.8	13.70	69.80	70.0	4.4	
2938	1972	12	25	19	39	8.3	13.73	71.50	0.0A		
3081	1973	08	03	07	32	20.8	13.74	71.87	104.7		
3090	1973	08	17	09	31	55.5	13.77	70.22	0.0A		
3067	1973	07	25	02	35	52.4	13.77	69.81	0.0A		
3097	1973	09	06	01	08	25.4	13.78	70.37	0.0A		
3639	1976	03	24	19	31	16.7	13.78	68.41	231.5		
1283	1965	06	05	20	41	8.3	13.80	71.50	75.0	4.2	
966	1963	08	15	17	25	5.9	13.80	69.30	543.0	6.0	7.8 PAS
2802	1972	06	16	12	56	58.3	13.87	69.21	0.0A	4.6	
3133	1973	10	31	06	13	6.8	13.89	71.38	0.0A		
4223	1979	09	26	08	11	42.7	13.90	71.04	120.0		
2906	1972	11	03	07	56	26.5	13.92	69.68	0.0A		
428	1953	03	05	22	49	46.0	14.00	71.50			
549	1957	02	15	07	33	10.0	14.00	71.00	100.0		
406	1952	02	26	11	31	0.0	14.00	70.50	260.0		7.0 PAS
382	1951	03	11	09	08	14.0	14.00	70.00	200.0		

## EARTHQUAKE CATALOG OF PERU

III-97

GRID NO. 16

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2713	1972	02	08	20	44	8.5	14.06	71.52	48.0	4.8	
967	1963	08	18	23	07	54.2	14.20	71.90	31.0	4.6	
1644	1966	12	09	10	06	54.6	14.20	70.10	215.0	4.9	
2895	1972	10	14	11	07	45.4	14.25	69.05	59.8		
807	1961	11	10	02	07	34.7	14.30	71.90	68.0		
5024	1982	12	16	14	07	35.6	14.38	70.54	175.1	5.2	
704	1960	11	03	22	02	19.2	14.40	71.60	55.0		
1911	1968	04	26	11	54	47.7	14.40	70.50	212.0	4.9	
2277	1969	11	11	10	54	58.3	14.42	70.89	175.0	4.2	
4948	1982	09	15	20	22	55.3	14.49	70.79	128.3	6.0	
										6.3 BRK	
969	1963	08	22	15	53	56.3	14.50	71.80	284.0	3.5	
276	1944	02	29	03	41	53.0	14.50	70.50	200.0		7.0 PAS
1876	1968	01	30	09	24	45.0	14.50	70.10	85.0	4.2 ISC	
356	1950	06	14	07	59	23.0	14.50	70.00			
1541	1966	08	14	07	46	46.7	14.50	68.90	33.0	4.2	
4251	1979	12	19	06	40	23.4	14.50	71.51	117.0	5.2	
1660	1967	01	04	19	53	42.3	14.51	70.71	101.0	4.0	
4448	1981	01	23	01	08	53.2	14.59	70.52	40.0	5.3	
1903	1968	04	11	01	01	14.6	14.60	71.00	41.0	4.4	
2207	1969	07	23	01	15	32.7	14.60	71.70	134.0	4.4	
4920	1982	08	16	19	35	47.6	14.61	71.58	33.0A		
3496	1975	04	10	05	20	59.4	14.62	70.61	178.0	4.3	
3374	1974	10	08	02	14	47.9	14.62	71.52	113.0	4.4	
3209	1974	02	24	14	16	10.4	14.67	70.64	124.1		
3725	1976	09	28	13	53	44.8	14.68	69.85	335.5	4.3 GS	
2970	1973	03	05	22	33	38.5	14.70	71.15	157.0	4.5	
995	1963	10	27	07	45	26.3	14.70	71.70	121.0	4.2	
949	1963	07	02	13	27	34.3	14.70	70.50	159.0	3.9	
148	1937	10	02	16	22	24.0	14.70	69.90			
1217	1965	01	07	14	17	33.7	14.70	69.30	115.0	4.3	
4474	1981	03	13	18	18	19.4	14.70	70.32	241.0D	5.0	
2267	1969	10	17	08	09	55.5	14.71	71.20	113.0	5.2	
4084	1978	12	23	14	29	44.3	14.76	71.45	140.0D	5.1	
4314	1980	04	18	19	33	36.3	14.77	71.28	134.0	5.1	
3654	1976	05	10	05	25	36.9	14.77	70.83	213.0	4.3	
4037	1978	07	29	01	11	15.0	14.82	71.85	128.0	4.4	
3247	1974	05	02	22	39	18.8	14.83	71.51	157.0	4.3	
4095	1979	01	08	04	20	25.9	14.85	71.63	103.0	4.6	
4686	1981	10	15	18	45	29.7	14.86	71.59	126.0D	4.9	
4518	1981	04	23	15	39	14.3	14.86	70.84	195.0	4.9	
2669	1971	10	06	07	52	18.7	14.88	71.67	116.0	4.8	
1625	1966	11	09	02	01	58.1	14.90	71.70	132.0	4.5	

III-98

## GRID NO. 16

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1426	1966	02	05	07	36	56.2	14.90	71.50	114.0	3.7	4.7 ISC
837	1962	03	22	20	50	36.9	14.90	70.70	119.0		
3511	1975	05	07	02	31	15.5	14.90	71.77	128.0	4.5	
4024	1978	06	24	06	37	35.0	14.90	70.67	177.0	4.8	
2801	1972	06	16	12	56	24.3	14.91	69.99	0.0A		
5240	1984	07	22	21	00	37.6	14.92	71.74	33.0N		4.5
2967	1973	03	03	06	28	23.6	14.94	71.13	174.0	4.5	
3323	1974	09	03	11	15	56.4	14.94	71.86	0.0A		
4079	1978	12	17	21	11	56.0	14.96	71.33	33.0A		
5220	1984	05	14	03	20	15.8	14.99	71.48	177.1	4.8	
960	1963	08	01	18	30	26.3	15.00	71.80	100.0	4.1	6.8 PAS
336	1949	08	07	23	53	52.0	15.00	71.50			
304	1945	10	02	22	40	32.0	15.00	71.00	200.0		
626	1959	03	13	13	19	36.0	15.00	71.00			
71	1928	09	21	13	27	5.0	15.00	70.50	250.0		
648	1959	07	19	15	06	10.0	15.00	70.50	200.0		7.0 PAS
686	1960	07	09	02	05	39.0	15.00	70.50	200.0		
358	1950	06	22	22	53	37.0	15.00	70.00			
386	1951	05	16	13	23	11.0	15.00	69.50	192.0		
458	1954	04	09	06	17	37.0	15.00	69.50	223.0		
3169	1973	12	30	09	25	37.2	15.00	71.97	78.0		5.2
4983	1982	10	26	15	58	1.5	15.02	70.86	33.0N	5.2	
4173	1979	06	09	04	11	59.8	15.02	70.34	33.0A		
4496	1981	04	13	10	08	47.1	15.02	71.96	33.0N		
4460	1981	02	14	04	28	10.0	15.02	70.14	199.0	4.8	
4966	1982	10	10	08	53	57.3	15.03	71.72	33.0N		4.9
2718	1972	02	29	02	04	54.1	15.04	71.83	131.0	4.9	
3407	1974	10	31	14	34	10.4	15.06	70.69	83.0	5.2	
3159	1973	11	29	10	43	57.6	15.07	71.93	148.6		
4192	1979	07	06	13	45	39.9	15.07	70.50	239.0D	4.7	
1314	1965	07	30	12	11	7.0	15.10	70.80	192.0	4.1	4.6
4993	1982	11	14	12	55	29.8	15.11	71.79	138.7	4.6	
2813	1972	07	03	11	19	9.8	15.11	71.01	184.6		
2054	1968	09	14	18	53	19.9	15.12	70.76	189.0	4.4	
4255	1979	12	27	11	53	43.9	15.13	70.90	200.0	4.6	
4816	1982	03	25	18	34	35.6	15.16	71.72	166.0		4.3
2225	1969	08	13	22	02	6.0	15.18	71.89	119.0	4.3	
1526	1966	07	21	05	54	11.9	15.20	70.80	214.0	4.0	
782	1961	08	28	06	28	19.4	15.20	70.20	185.0		
1474	1966	05	07	02	19	34.0	15.20	68.80	219.0	3.6	
4731	1981	12	04	01	17	52.1	15.20	71.56	151.0A		4.7
3826	1977	05	02	08	31	18.9	15.22	71.78	132.0	4.7	
4909	1982	08	09	04	50	38.6	15.23	71.04	164.4	4.8	

## EARTHQUAKE CATALOG OF PERU

III-99

GRID NO. 16

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4129	1979	03	10	10 02 47.6	15.23	71.28	55.0	4.6	
4470	1981	03	08	23 21 1.9	15.23	71.89	137.1		
4155	1979	05	21	22 22 23.6	15.25	70.09	208.0	6.0	6.2 BRK
3013	1973	04	29	14 11 52.2	15.25	71.95	130.0	4.1	
2971	1973	03	06	14 50 23.2	15.26	71.24	162.0	5.2	
535	1956	08	23	13 48 26.0	15.27	68.67			6.3 PAS
3260	1974	05	26	04 09 4.5	15.27	71.68	152.0	3.6	
3597	1975	11	28	21 37 18.9	15.27	70.64	201.0	4.7	
2284	1969	12	04	23 52 44.4	15.28	70.34	185.0	4.2	
2282	1969	11	30	07 15 23.9	15.29	71.88	138.0	4.1	
3256	1974	05	22	05 13 43.7	15.30	69.82	87.5		
5199	1984	03	18	12 10 35.2	15.30	71.68	124.6		
3953	1977	12	31	07 53 18.0	15.30	71.68	158.0D	5.9	
1411	1966	01	04	12 48 13.4	15.30	70.90	184.0	5.4	
1111	1964	05	14	11 30 13.9	15.30	70.60	167.0	4.0	
943	1963	06	24	01 21 3.5	15.30	69.40	179.0	4.0	
3944	1977	11	24	16 42 20.2	15.30	71.17	190.8	4.7	GS
3765	1976	12	22	11 07 58.1	15.32	70.30	185.0	4.6	
3300	1974	07	24	13 42 59.3	15.33	71.10	176.0	4.6	
3406	1974	10	31	08 58 18.9	15.35	71.03	31.0	5.1	4.8 H
2035	1968	08	22	20 38 13.6	15.35	70.86	178.0	4.5	
3438	1974	12	08	06 42 54.7	15.37	71.49	0.0A		
4740	1981	12	11	08 52 34.8	15.37	69.72	33.0A		
1981	1968	06	23	11 26 19.0	15.38	70.41	215.0	4.4	
1478	1966	05	13	01 35 19.9	15.40	70.80	211.0	4.3	
1199	1964	12	06	03 15 37.7	15.40	70.50	164.0	4.6	
987	1963	10	06	20 45 42.1	15.40	69.90	230.0	3.7	
1638	1966	11	20	06 09 33.0	15.40	69.50	116.0	4.1	
4128	1979	03	10	06 13 12.1	15.40	71.38	33.0A		
3412	1974	11	07	13 17 37.3	15.41	70.52	153.0	5.4	
3114	1973	10	07	04 29 57.4	15.43	71.20	170.1		
2471	1970	11	06	22 46 59.8	15.43	71.21	16.0	5.0	
4687	1981	10	17	11 53 42.1	15.44	71.31	93.2	4.4	
5124	1983	08	02	01 15 48.0	15.46	71.92	152.4		
3408	1974	10	31	23 00 52.7	15.47	71.24	0.0A		
3173	1974	01	08	05 41 21.5	15.48	71.87	126.7	4.4	
2096	1968	12	04	18 04 12.3	15.48	70.46	203.0	4.3	
4979	1982	10	23	05 56 41.3	15.49	70.40	214.2	4.3	
1848	1967	12	08	12 14 39.9	15.50	71.80	156.0	3.6	
136	1937	03	29	07 49 47.0	15.50	71.00	120.0		6.8 PAS
649	1959	07	19	15 36 17.0	15.50	71.00	200.0		
595	1958	06	29	03 25 42.0	15.50	70.50	150.0		6.5 BRK
1292	1965	06	24	16 54 2.2	15.50	70.20	171.0	4.3	

## III-100

## GRID NO. 16

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1543	1966	08	21	08	48	7.1	15.50	70.20	247.0	3.8	6.5 PAS
125	1935	09	19	09	55	47.0	15.50	70.00	250.0		
324	1949	03	17	05	49	6.0	15.50	69.50			
99	1933	08	09	23	02	45.0	15.50	68.50	170.0		
203	1940	12	22	18	59	46.0	15.50	68.50	230.0		
664	1960	01	02	03	21	52.0	15.50	68.00	150.0	4.0	6.3 PAS
3228	1974	04	01	09	30	13.3	15.51	70.47	220.1		
4684	1981	10	13	16	06	26.9	15.51	71.23	74.5		
3876	1977	06	25	01	28	8.7	15.51	71.78	33.0A		
3249	1974	05	11	00	13	51.5	15.51	70.58	212.0		
3465	1975	01	23	10	44	37.0	15.55	70.85	204.0	4.2	
3885	1977	07	22	20	45	46.4	15.56	69.93	202.0	5.0	
3217	1974	03	13	00	39	57.0	15.56	71.58	0.0A		
5021	1982	12	12	10	42	49.6	15.56	70.68	212.2	4.9	
2474	1970	11	11	19	47	6.5	15.57	71.32	44.0	4.9	
2465	1970	10	20	16	19	1.3	15.58	70.18	235.0G	4.7	
2926	1972	12	09	00	46	33.3	15.58	71.91	160.0		
2899	1972	10	24	10	03	40.0	15.59	70.37	223.0	4.1	
3069	1973	07	25	18	51	21.0	15.60	71.82	0.0A		
3668	1976	05	25	05	02	8.7	15.60	70.29	215.9		
1491	1966	06	02	17	05	40.0	15.60	71.90	131.0	4.6	
1768	1967	07	20	20	24	38.0	15.60	71.10	17.0	4.5	
1100	1964	04	25	11	46	14.0	15.60	70.40	215.0	4.0	
1101	1964	04	25	13	36	6.8	15.60	69.40	265.0	4.0	
1300	1965	07	05	19	13	16.9	15.60	68.00	122.0	4.0	
3734	1976	10	09	19	41	41.1	15.62	71.80	169.6A		4.3 ISC
3989	1978	04	14	13	43	49.1	15.63	71.91	156.0	4.6	
4220	1979	09	15	10	02	13.1	15.63	69.56	214.0	5.6	
4489	1981	04	03	12	40	29.3	15.64	71.36	155.0		
3617	1976	01	20	17	44	17.8	15.65	70.90	195.9	4.1 GS	
4122	1979	02	27	08	16	58.9	15.66	70.60	209.4		
2560	1971	01	09	05	25	27.3	15.67	70.96	6.0	4.7	
2429	1970	07	12	18	13	54.8	15.68	69.46	252.0	5.0	
3279	1974	06	20	15	05	31.6	15.68	71.45	148.7		
5203	1984	04	08	22	35	7.8	15.68	71.90	118.1	5.1	
1886	1968	02	24	07	31	35.2	15.70	71.20	60.0	4.5	
959	1963	07	30	17	24	34.9	15.70	71.10	219.0	3.7	
1648	1966	12	14	05	39	31.4	15.70	70.60	212.0	3.8	
2945	1973	01	15	16	30	25.0	15.70	70.34	210.0	4.4	
1153	1964	08	04	21	03	7.0	15.70	70.10	248.0	3.7	
822	1962	01	25	07	26	4.6	15.70	69.60	190.0		
786	1961	08	30	17	42	30.3	15.70	69.40	250.0		
1479	1966	05	14	11	07	25.9	15.70	68.90	190.0	3.9	

## EARTHQUAKE CATALOG OF PERU

III-101

GRID NO. 16

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr</i>	<i>mo</i>	<i>dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
4202	1979	08	08	13 36 38.7	15.71	69.46	269.0	4.0	
3146	1973	11	11	05 18 58.0	15.71	69.06	0.0A		
5242	1984	07	27	22 53 14.4	15.71	71.41	160.2D	4.7	
4196	1979	07	27	20 57 42.4	15.72	71.43	158.5		
4156	1979	05	22	23 54 34.5	15.72	70.22	231.0	4.4	
3739	1976	10	16	18 07 29.3	15.72	70.24	230.0	4.7	
3296	1974	07	16	02 03 39.7	15.73	70.29	230.0	4.8	
2598	1971	05	07	23 05 38.4	15.74	70.40	224.2A		
2408	1970	06	17	04 44 20.9	15.75	71.83	91.0	5.9	
3743	1976	10	23	05 43 15.1	15.76	71.82	145.1	4.9	GS
5260	1984	09	12	19 17 51.6	15.77	71.89	138.0D	5.1	
2352	1970	05	26	09 47 1.7	15.79	70.50	159.0	4.3	
2880	1972	09	28	01 25 30.8	15.79	69.42	139.2		
2108	1968	12	30	14 39 22.0	15.80	70.75	63.0	5.2	
4943	1982	09	11	03 42 56.4	15.80	70.81	202.1		
1045	1964	01	10	05 37 22.5	15.80	70.30	234.0	4.2	
4880	1982	07	10	06 58 34.9	15.87	70.71	222.9		
3935	1977	11	08	04 00 24.6	15.88	69.61	265.0	4.3	
4133	1979	03	19	12 39 31.4	15.88	69.33	252.0	4.7	
2861	1972	08	27	16 38 24.3	15.90	69.35	263.0	3.7	
4931	1982	08	28	11 58 51.3	15.90	71.52	151.2	4.8	
2711	1972	02	03	11 34 22.8	15.91	69.22	140.0	3.8	
1678	1967	02	17	23 26 46.8	15.91	71.23	88.0	4.4	
4900	1982	08	03	00 49 52.0	15.93	71.32	78.7	4.9	
2770	1972	05	12	03 43 27.6	15.94	71.11	58.1		
2316	1970	02	13	17 26 16.9	15.94	71.67	141.0G	5.4	
2472	1970	11	07	02 28 28.0	15.95	71.36	72.0	4.7	ISC
3082	1973	08	03	10 33 46.8	15.96	69.44	257.0	4.3	
3584	1975	10	23	09 00 59.1	15.97	71.00	204.0	4.2	
5264	1984	10	17	00 20 44.3	15.98	69.53	220.1D	5.0	
1652	1966	12	19	02 10 31.6	16.00	71.90	115.0	4.9	
1146	1964	07	10	19 16 43.5	16.00	71.60	134.0	4.9	
2312	1970	02	02	02 10 12.6	16.00	71.00	203.0	4.5	ISC
993	1963	10	22	04 18 14.5	16.00	70.50	240.0	3.9	
1213	1965	01	02	05 25 3.1	16.00	70.40	33.0	4.4	
9	1919	10	27	03 40 48.0	16.00	69.50	287.0		
326	1949	04	17	02 25 35.0	16.00	69.00	200.0		
603	1958	10	07	15 24 27.0	16.00	69.00	200.0		
1117	1964	05	23	16 42 6.1	16.00	69.00	231.0	4.1	
1880	1968	02	05	01 35 58.4	16.00	69.00	177.0	3.9	
28	1923	09	02	22 38 12.0	16.00	68.50	150.0		7.0 PAS

**GRID NO. 17**

**This grid contains no earthquakes.**

**Esta cuadrícula no contiene terremotos.**

## EARTHQUAKE CATALOG OF PERU

III-103

GRID NO. 18

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3941	1977	11	20	15	00	2.2	16.02	76.01	33.0N	4.8	
4339	1980	06	16	00	00	17.7	16.29	76.21	33.0A		
166	1938	12	02	07	44	0.0	16.30	76.80			
277	1944	03	10	01	38	48.0	16.50	76.00			
4759	1981	12	27	18	08	18.7	16.56	76.06	33.0N		
1220	1965	01	11	09	27	39.5	16.80	76.60	33.0	4.3	
4340	1980	06	16	08	32	58.6	16.87	76.85	33.0A		
47	1926	06	05	01	20	15.0	17.00	78.50			
193	1940	08	31	17	12	42.0	17.00	78.00			
293	1945	06	26	01	57	0.0	17.00	76.00			
3550	1975	08	03	16	28	8.5	17.14	76.56	33.0A		
637	1959	06	12	21	11	54.0	17.50	76.00			
4840	1982	04	22	04	10	14.6	17.67	76.91	33.0N		
17	1922	01	06	14	10	36.0	19.00	76.00			
19	1922	01	06	19	20	38.0	19.00	76.00			



## GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3203	1974	02	09	06	24	28.9	16.00	75.41	47.6		
4483	1981	03	28	06	45	28.2	16.00	72.84	33.0A		
4092	1979	01	06	00	18	24.6	16.01	75.11	42.0	4.4	
3385	1974	10	11	17	54	7.7	16.01	74.21	69.0	4.8	
5096	1983	05	15	14	50	0.1	16.01	73.21	82.9	5.0	
3119	1973	10	12	18	04	29.3	16.02	74.04	47.0	5.3	4.6 H
3771	1977	01	16	11	19	34.7	16.02	75.39	29.4	3.6	
5202	1984	04	03	05	04	33.0	16.03	73.09	95.5	5.1	
2777	1972	05	21	03	50	30.9	16.03	73.86	85.0D	5.4	
2322	1970	02	27	14	17	25.5	16.04	74.90	32.0	5.1	
4442	1980	12	31	08	56	45.2	16.05	74.14	33.0A		
2750	1972	04	12	01	43	54.7	16.05	75.78	0.0A		
2545	1970	12	27	13	03	31.2	16.05	72.95	107.0	4.4	
3442	1974	12	10	23	31	28.0	16.05	74.80	46.0	4.9	
4143	1979	04	25	20	55	18.4	16.06	73.42	69.0	4.8	
2435	1970	07	24	23	10	6.4	16.08	72.33	106.0	4.5	
3002	1973	04	15	23	10	10.3	16.08	75.37	43.6		
5244	1984	07	29	14	06	57.9	16.09	75.29	75.2	4.9	
4867	1982	06	09	22	38	45.3	16.09	72.04	130.4	4.5	
1856	1967	12	19	14	14	41.7	16.10	75.10	47.0	4.4	
1842	1967	11	21	12	05	9.6	16.10	74.40	36.0	4.3	
1635	1966	11	19	03	02	19.6	16.10	74.30	33.0	4.4	
1061	1964	02	14	14	57	40.8	16.10	73.20	100.0	3.8	
3142	1973	11	08	08	28	27.5	16.12	74.80	86.5		
2748	1972	04	11	00	10	28.0	16.12	75.91	0.0A		
3842	1977	05	12	18	22	17.1	16.12	74.31	57.3	4.7	GS
1703	1967	04	07	06	29	57.9	16.12	72.90	101.0	4.3	
4121	1979	02	26	16	08	36.4	16.13	75.15	33.0A	5.1	
3180	1974	01	16	11	15	0.6	16.13	73.56	33.0A		
3963	1978	01	22	21	19	42.4	16.13	73.66	49.0D	5.4	4.9 Z
3817	1977	04	06	13	48	40.4	16.13	72.93	125.8		3.5 ISC
4126	1979	03	07	06	21	11.1	16.13	72.04	126.0	5.1	
2747	1972	04	10	23	46	36.7	16.14	75.61	0.0A		
2195	1969	06	30	20	03	23.6	16.14	73.78	66.0	4.6	
4945	1982	09	11	09	22	9.7	16.16	73.99	96.2	4.5	
4989	1982	11	07	23	59	29.7	16.16	72.97	105.3		
4491	1981	04	10	03	59	42.9	16.16	72.15	182.7		
4774	1982	01	30	07	30	22.7	16.16	72.74	33.0N		
4788	1982	02	18	04	37	39.2	16.16	74.73	33.0A		
5091	1983	04	28	05	13	5.7	16.17	74.16	67.7	5.2	
1726	1967	05	20	06	33	42.9	16.17	75.31	33.0N	4.7	
1695	1967	03	28	03	29	40.8	16.17	74.34	62.0	4.3	
3875	1977	06	24	06	32	5.0	16.17	75.05	33.0A		

## EARTHQUAKE CATALOG OF PERU

III-105

GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3110	1973	10	01	10	34	30.6	16.19	73.42	73.0	4.9	
2076	1968	11	04	18	12	40.2	16.19	73.02	101.0	4.2	
715	1960	12	22	03	47	21.7	16.20	72.90	147.0		
2463	1970	10	11	05	18	18.0	16.20	72.60	33.0	4.1	ISC
1716	1967	05	10	12	48	10.0	16.20	72.00	162.0	4.0	ISC
4969	1982	10	16	11	12	15.5	16.20	73.78	34.0D	5.0	4.6 Z
2485	1970	12	09	06	18	16.0	16.20	73.10	94.0	4.3	
1702	1967	04	05	18	12	2.3	16.21	73.29	89.0	4.4	
3704	1976	08	15	14	55	15.1	16.23	73.55	61.0	5.2	
438	1953	07	02	15	17	58.0	16.25	74.75			
4234	1979	10	28	05	13	16.7	16.27	75.20	33.0N	4.7	
3206	1974	02	12	05	53	22.9	16.27	72.74	96.9		
4879	1982	07	06	06	47	43.5	16.28	74.59	33.0A		
2074	1968	10	31	09	15	46.9	16.29	73.30	67.0D	5.7	
3662	1976	05	18	03	17	32.8	16.30	72.38	95.0	4.9	
1913	1968	04	29	03	15	35.0	16.30	74.80	33.0	4.3	ISC
3934	1977	11	08	01	07	4.0	16.30	74.42	33.0A		
859	1962	07	25	06	55	56.7	16.30	75.00	33.0		
1877	1968	01	31	14	11	35.9	16.30	73.80	62.0	3.9	
4379	1980	09	17	22	19	12.2	16.30	73.74	33.0A		
5027	1982	12	20	07	28	12.8	16.30	73.51	86.7	4.6	
1407	1966	01	01	01	59	53.1	16.30	73.40	33.0		
268	1943	06	30	20	12	54.0	16.30	73.00	100.0		
920	1963	04	04	08	26	26.5	16.30	73.00	95.0	4.6	
1650	1966	12	16	09	01	27.9	16.30	72.50	188.0		
952	1963	07	10	11	47	35.1	16.30	72.20	90.0	4.1	
3908	1977	09	12	05	29	53.1	16.31	75.28	33.0N	4.8	
3642	1976	04	01	17	17	36.0	16.31	73.21	91.0	4.9	
4062	1978	10	21	20	26	58.0	16.31	74.81	33.0A		
2659	1971	09	24	05	14	37.0	16.32	73.78	45.0	4.2	
2075	1968	11	04	10	58	28.3	16.32	73.78	33.0N	4.5	
4813	1982	03	22	23	28	42.8	16.32	75.53	33.0A		
2004	1968	07	02	00	23	13.0	16.33	73.02	33.0N	4.1	
2818	1972	07	05	20	02	28.6	16.33	73.07	98.0	4.3	
2117	1969	01	17	05	28	30.1	16.34	73.48	62.0	4.4	
4425	1980	12	11	22	56	22.0	16.35	75.91	33.0A		
4917	1982	08	12	23	53	16.9	16.36	74.68	33.0N		
3846	1977	05	14	16	33	59.8	16.36	72.27	131.4		
4810	1982	03	16	04	30	16.1	16.36	73.46	33.0A		
3308	1974	08	06	15	04	48.8	16.36	74.37	33.0A		
2658	1971	09	24	04	32	55.0	16.37	73.69	28.0	5.2	5.6 H
4706	1981	11	10	05	49	26.3	16.38	74.47	33.0A		
2078	1968	11	07	10	13	39.8	16.39	73.46	50.0	5.0	

## GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4108	1979	02	16	10	08	53.4	16.39	72.66	53.0	6.2	6.9 Z 6.9 PAS
2825	1972	07	16	06	09	24.4	16.39	72.85	100.9		
1794	1967	08	24	13	07	52.7	16.40	75.10	33.0	4.6	
1898	1968	03	25	11	40	55.1	16.40	72.61	128.0	3.9 ISC	
790	1961	09	05	13	37	33.2	16.40	72.60	79.0		
1858	1967	12	21	07	50	34.8	16.40	72.60	99.0	5.0	
2798	1972	06	11	15	02	8.8	16.40	74.76	0.0A		
3911	1977	09	18	06	55	35.3	16.40	73.70	33.0A		
3801	1977	03	12	05	46	36.0	16.41	74.19	33.0A		
5128	1983	08	17	22	15	40.9	16.42	73.62	33.0N	4.2	
4187	1979	06	23	15	46	42.9	16.42	74.38	33.0A		
4239	1979	11	15	13	36	29.7	16.42	74.81	33.0N	5.4	4.8 Z
2182	1969	06	01	13	15	57.1	16.42	73.70	48.0	4.5	
2295	1969	12	21	13	03	53.3	16.43	72.78	68.0	5.0	
2346	1970	04	28	02	46	14.9	16.44	72.13	120.0	3.8	
4049	1978	09	01	17	55	36.4	16.45	73.78	41.0	4.9	
1206	1964	12	19	11	18	5.2	16.46	72.87	108.0	4.2 ISC	
3664	1976	05	20	09	39	0.6	16.46	74.56	58.2		
5003	1982	11	22	04	20	30.9	16.47	73.52	33.0N	4.9	3.9 Z
3894	1977	08	06	07	59	37.9	16.47	73.75	90.6		
3990	1978	04	15	13	49	32.3	16.47	73.51	50.0D	5.3	5.5 Z
3828	1977	05	04	09	47	13.5	16.47	72.31	70.2		
3767	1976	12	26	13	22	57.9	16.47	73.51	67.6	5.0 GS	
4849	1982	05	09	11	07	43.3	16.48	74.74	33.0A		
4670	1981	10	04	00	32	59.1	16.49	72.58	33.0A		
2193	1969	06	24	05	18	59.6	16.49	72.53	91.0	3.7	
4289	1980	03	06	12	29	49.8	16.50	73.50	89.0	4.9	
5084	1983	04	21	03	27	54.5	16.50	73.47	62.8	5.1	
325	1949	04	02	23	46	40.0	16.50	75.00			
441	1953	08	08	09	32	39.0	16.50	74.75			
1018	1963	11	18	07	17	50.4	16.50	74.50	54.0	4.3	
239	1942	10	12	01	16	18.0	16.50	74.40			
1490	1966	06	01	18	18	29.4	16.50	73.40	82.0	4.3	
1268	1965	05	04	12	10	41.1	16.50	73.20	78.0	4.5	
18	1922	01	06	14	11	2.0	16.50	73.00			7.2 PAS
251	1942	11	17	23	19	18.0	16.50	73.00			
4110	1979	02	16	22	18	20.0	16.50	72.66	52.0D	5.5	5.2 Z
675	1960	03	09	23	54	25.0	16.50	72.50	150.0		6.1 PAS
1355	1965	10	05	03	41	28.4	16.50	72.50	103.0		
528	1956	05	17	05	59	57.0	16.50	72.00	60.0		
573	1958	01	15	19	14	29.0	16.50	72.00	60.0		7.3 PAS
4765	1982	01	07	01	36	59.2	16.51	75.62	33.0A		

## EARTHQUAKE CATALOG OF PERU

III-107

GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3393	1974	10	17	13	47	58.4	16.51	74.13	0.0A		
2878	1972	09	26	04	11	49.8	16.51	73.10	81.2		
4907	1982	08	08	03	43	48.0	16.51	72.45	109.2		
3782	1977	02	07	21	18	32.7	16.51	73.41	35.0	5.2	
4546	1981	05	11	17	18	56.8	16.52	72.85	97.0		
3888	1977	07	26	18	09	6.2	16.53	73.51	33.0A		
1727	1967	05	21	08	28	49.5	16.54	75.57	12.0	4.4	
3198	1974	02	06	11	43	56.6	16.54	75.27	0.0A		
4000	1978	04	28	11	00	24.3	16.54	73.39	68.0		
3698	1976	07	23	15	42	38.1	16.55	72.21	109.6	5.1	
2989	1973	03	29	04	01	52.1	16.55	75.58	0.0A		
4060	1978	10	13	01	58	4.1	16.56	73.08	82.1	3.8	
4866	1982	06	07	09	47	48.3	16.56	72.81	111.7	4.2	
4249	1979	12	15	18	09	18.3	16.58	74.07	33.0A		
3126	1973	10	20	17	19	39.5	16.58	74.60	0.0A		
3923	1977	10	10	18	56	0.8	16.58	72.92	80.4		
3719	1976	09	12	20	00	57.3	16.58	73.44	33.0A		
5149	1983	10	21	17	48	27.5	16.59	72.08	106.0		
2881	1972	09	28	11	49	53.8	16.59	72.88	92.9		
2791	1972	06	07	09	36	13.1	16.59	74.83	0.0A		
3609	1975	12	29	15	10	32.8	16.60	73.99	27.0	4.7	
694	1960	08	28	00	05	24.6	16.60	74.20	46.0		
700	1960	09	28	00	05	28.9	16.60	73.90	112.0		
923	1963	04	26	05	37	29.5	16.60	73.70	9.0		
403	1952	02	11	03	52	57.0	16.60	73.60	64.0		
473	1954	09	08	17	31	1.0	16.60	73.60	128.0		
1459	1966	04	01	07	55	49.6	16.60	72.90	33.0		
1429	1966	02	09	03	55	4.7	16.60	72.30	75.0	4.4	
1022	1963	11	27	02	19	41.9	16.60	72.10	79.0	4.9	
2159	1969	04	16	09	27	37.4	16.60	73.71	56.0	4.4	
5019	1982	12	11	08	48	9.0	16.61	74.82	33.0A		
4783	1982	02	09	07	39	37.4	16.61	74.37	33.0N		
4628	1981	08	11	23	47	12.1	16.62	72.68	84.4	5.0	
4114	1979	02	17	15	41	15.6	16.63	72.66	79.0	5.1	4.2 ISC
3871	1977	06	12	11	07	31.6	16.63	72.14	152.4		
4119	1979	02	24	12	16	14.9	16.63	72.81	70.0	4.8	
5248	1984	08	03	09	05	8.9	16.64	73.58	43.3	4.8	
4567	1981	06	06	17	59	40.5	16.64	73.39	33.0A		
4616	1981	07	25	00	15	50.9	16.64	75.00	33.0N		
4147	1979	05	02	17	15	24.7	16.64	72.69	66.0	4.5	
2627	1971	06	27	07	40	39.9	16.65	74.24	34.3		
4881	1982	07	11	02	13	37.7	16.65	73.21	38.7	5.3	5.2 Z
4190	1979	07	03	03	00	51.1	16.66	73.11	77.0	5.1	

## GRID NO. 19

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3813	1977	03	27	18 09 59.8	16.67	75.35	33.0A		
4637	1981	08	21	09 36 7.9	16.67	73.64	63.1	4.4	
3005	1973	04	22	20 00 43.8	16.68	74.32	41.0	3.7	
3926	1977	10	19	16 25 53.5	16.68	74.22	33.0A		
1667	1967	02	01	14 44 9.4	16.69	72.78	53.0	4.9	
4292	1980	03	07	08 25 7.8	16.69	72.95	43.0	5.4	5.9 Z 5.9 BRK
3015	1973	04	30	05 10 15.0	16.70	73.96	49.0	4.1	
4166	1979	06	01	21 05 50.7	16.70	72.29	84.0	4.5	
4117	1979	02	20	14 02 43.1	16.70	72.74	56.0D	5.2	4.0 ISC
1432	1966	02	10	10 43 30.6	16.70	73.90	15.0	4.8	
847	1962	06	04	16 53 11.4	16.70	73.20	65.0		
1211	1964	12	26	05 30 13.0	16.70	72.20	59.0	3.9 ISC	
3191	1974	02	01	13 26 53.0	16.71	75.88	0.0A		
4627	1981	08	06	07 14 10.3	16.71	73.52	33.0A	4.7 GS	
3677	1976	06	07	19 07 56.8	16.72	74.25	33.0A		
1925	1968	05	27	07 24 24.1	16.73	72.00	114.0	4.0 ISC	
4058	1978	10	05	08 48 16.7	16.73	73.61	65.8	4.1	
4862	1982	06	02	17 33 4.0	16.73	73.99	33.0N	4.8	
4228	1979	10	11	08 30 45.2	16.74	73.67	57.0	5.0	
4299	1980	03	16	18 53 48.7	16.76	72.99	52.0	5.0	
4422	1980	12	03	14 34 41.9	16.78	75.18	33.0A		
4138	1979	04	10	23 47 37.8	16.78	73.86	69.2A		
4347	1980	06	25	09 01 45.2	16.78	74.37	0.0A		
4130	1979	03	11	14 40 29.5	16.78	72.81	62.0	5.0	
3915	1977	09	24	12 05 58.7	16.79	72.28	33.0A		
4134	1979	03	21	02 52 34.3	16.80	72.54	58.0D	5.1	4.7 ISC
835	1962	03	19	21 04 16.6	16.80	73.50	33.0		
4316	1980	04	21	17 25 14.0	16.80	73.01	33.0N		
1802	1967	09	12	04 51 49.3	16.80	72.40	33.0	4.0	
4284	1980	02	20	02 25 40.9	16.80	72.98	33.0A		
3287	1974	07	02	21 37 25.5	16.81	75.95	0.0A		
3930	1977	10	26	07 24 41.1	16.82	72.60	56.0D	5.2	
4949	1982	09	17	14 18 34.0	16.82	74.18	33.0A		
4296	1980	03	10	06 11 2.2	16.82	72.94	57.0	4.8	4.2 ISC
3596	1975	11	28	18 32 34.4	16.82	75.76	33.0A		
3661	1976	05	18	02 02 15.5	16.83	72.70	65.0D	5.4	
3536	1975	06	27	10 43 17.2	16.84	72.16	33.0A		
4569	1981	06	08	11 44 44.5	16.85	72.23	67.7	4.3	
2836	1972	07	19	20 30 39.0	16.85	74.21	0.0A		
3907	1977	09	10	18 52 8.5	16.86	72.81	33.0A		
5265	1984	10	22	11 43 51.6	16.87	73.20	33.0N	4.8	
4112	1979	02	17	04 40 3.9	16.87	72.79	62.0		

## EARTHQUAKE CATALOG OF PERU

III-109

GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4184	1979	06	17	11	19	32.4	16.88	72.80	33.0A		
5179	1983	12	30	15	48	19.3	16.88	72.71	58.9	4.6	
5056	1983	02	26	09	36	14.3	16.88	72.23	33.0N		
4782	1982	02	08	06	03	0.9	16.89	74.20	33.0N		
2296	1969	12	22	00	06	4.2	16.89	72.86	50.0G	5.2	
3552	1975	08	09	01	50	21.8	16.89	72.84	45.0	4.9	
5064	1983	03	13	14	08	4.2	16.89	75.15	33.0N	4.4	
3492	1975	04	03	09	24	46.3	16.90	73.47	76.0		
5272	1984	12	14	07	58	34.3	16.90	73.25	33.0N	4.8	
2876	1972	09	24	21	44	24.7	16.90	73.03	72.0	4.0	
934	1963	05	26	12	43	46.0	16.90	72.40	47.0	4.6	
1408	1966	01	01	09	00	0.5	16.90	72.30	23.0		
4738	1981	12	10	00	28	5.0	16.92	72.83	33.0A		
3783	1977	02	08	05	27	10.1	16.93	73.68	61.2		
2239	1969	09	15	04	11	35.3	16.93	72.36	86.0	4.0	ISC
5032	1982	12	25	15	22	15.5	16.93	73.75	33.0A		
4115	1979	02	18	21	53	15.9	16.96	72.71	73.0		
4159	1979	05	27	12	07	5.0	16.96	72.71	65.0	4.6	
5269	1984	12	02	15	50	58.4	16.97	72.90	62.2	4.6	
4610	1981	07	18	18	14	32.6	16.98	73.63	33.0N	4.6	
3600	1975	12	06	10	23	47.1	16.98	72.57	64.0	4.8	
3527	1975	06	09	10	58	35.7	17.00	72.16	33.0A		
318	1948	07	20	11	02	17.0	17.00	75.00			7.1 PAS
425	1953	02	02	15	23	32.0	17.00	75.00			
4	1913	08	06	22	14	24.0	17.00	74.00	25.0A		7.9 PAS
179	1939	12	13	18	45	24.0	17.00	74.00	100.0		5.5 PAS
1634	1966	11	16	17	22	25.6	17.00	72.90	64.0	4.4	
639	1959	06	13	22	16	24.0	17.00	72.50			
4310	1980	04	06	18	25	59.6	17.00	72.80	79.0		
3776	1977	01	20	04	15	40.4	17.01	72.08	88.8		
4403	1980	11	09	14	11	7.8	17.02	72.80	53.0	5.1	3.7 ISC
4959	1982	10	05	02	01	40.4	17.03	74.68	33.0N	4.6	
5015	1982	12	05	23	43	50.0	17.03	73.00	33.0A		
4830	1982	04	16	18	05	7.9	17.04	73.10	25.3	5.0	4.9 Z
2994	1973	04	05	16	10	43.8	17.05	73.65	53.0	4.4	
2995	1973	04	06	00	51	1.9	17.06	72.50	42.0	4.9	
2923	1972	12	03	18	19	57.8	17.06	75.17	0.0A		
3539	1975	07	01	16	06	49.0	17.06	72.51	33.0A		
3223	1974	03	23	09	02	42.5	17.06	72.37	56.1		
5130	1983	08	19	09	23	22.2	17.06	72.53	64.5	4.5	
4400	1980	11	02	22	40	41.4	17.06	72.65	76.8	4.7	
2762	1972	04	28	14	01	16.6	17.08	75.22	0.0A		
4109	1979	02	16	11	13	11.9	17.08	72.85	85.0	4.6	

III-110

## GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2741	1972	04	04	23	33	36.3	17.08	72.54	52.0	5.0	
4397	1980	10	28	20	20	19.7	17.09	73.88	33.0N	4.7	
4941	1982	09	05	04	33	59.3	17.10	72.75	33.0A		
2100	1968	12	21	03	40	19.7	17.10	73.79	33.0N	4.3	
1104	1964	04	29	17	59	39.5	17.10	72.10	44.0	4.5	
4118	1979	02	22	16	55	28.6	17.11	72.73	73.3	4.2	
3440	1974	12	08	11	43	4.5	17.11	73.16	29.0	4.5	
3117	1973	10	09	17	42	18.3	17.13	72.79	52.0	4.8	
1684	1967	03	09	11	50	29.7	17.14	73.33	33.0N	3.6	
4884	1982	07	12	15	05	27.4	17.15	73.27	52.4	5.1	
1772	1967	07	24	11	19	32.6	17.16	72.12	100.0	4.2	ISC
4682	1981	10	12	12	24	13.4	17.18	72.17	57.2	4.6	
2189	1969	06	16	17	15	9.6	17.19	72.81	80.0	4.4	
3954	1978	01	01	16	34	1.9	17.19	73.75	41.0		
2294	1969	12	18	04	51	35.1	17.20	72.17	46.0	4.1	
4671	1981	10	04	15	18	26.4	17.20	73.73	33.0A		
1071	1964	02	23	04	35	18.1	17.20	74.20	33.0	4.3	
1487	1966	05	26	00	53	22.8	17.20	73.10	35.0	4.1	
3103	1973	09	15	05	32	26.4	17.22	74.73	0.0A		
4227	1979	10	10	04	28	2.4	17.22	73.82	33.0N		
4111	1979	02	17	01	34	52.3	17.22	72.94	60.0A		
4321	1980	05	14	14	44	16.9	17.22	73.02	34.0	5.0	4.5 Z
2990	1973	03	29	10	20	35.4	17.24	75.15	0.0A		
4319	1980	05	06	07	37	50.1	17.25	72.93	33.0A		
2206	1969	07	19	04	54	54.1	17.25	72.52	54.0D	5.9	5.7 PAS
5080	1983	04	14	03	49	7.6	17.29	72.23	33.0N		
1514	1966	06	20	11	01	44.2	17.30	72.50	33.0	4.3	
2864	1972	09	01	09	02	49.8	17.31	72.03	84.1		
4246	1979	12	05	17	21	32.0	17.32	72.49	33.0A		
3909	1977	09	13	01	41	5.4	17.37	72.17	33.0A		
2765	1972	05	07	11	31	48.5	17.38	72.24	50.0	4.6	
4088	1978	12	27	08	04	22.1	17.39	72.16	58.0		
3457	1975	01	10	17	37	37.9	17.40	72.12	69.0	4.0	
777	1961	08	17	17	49	43.3	17.40	72.70	46.0		
1908	1968	04	21	22	10	41.0	17.40	72.40	43.0	4.5	
4116	1979	02	19	23	50	47.4	17.42	72.73	33.0A		
3151	1973	11	20	19	12	58.0	17.42	74.84	0.0A		
4809	1982	03	14	07	22	19.4	17.44	72.09	33.0A		
2996	1973	04	06	01	25	40.8	17.48	72.76	30.0	4.2	
2019	1968	07	25	21	22	1.1	17.50	72.27	33.0N	4.1	
2751	1972	04	12	11	06	32.4	17.50	74.15	0.0A		
1249	1965	03	15	05	08	51.1	17.50	75.30	13.0	4.7	ISC
170	1939	06	20	12	32	30.0	17.50	73.50			

## EARTHQUAKE CATALOG OF PERU

III-111

GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
266	1943	04	13	08	57	30.0	17.50	73.50			
282	1944	08	07	03	25	18.0	17.50	73.50			
1809	1967	09	26	01	35	4.1	17.50	73.30	22.0	4.5	
544	1956	12	01	21	24	54.0	17.50	72.50			
1537	1966	08	07	20	22	26.2	17.50	72.20	45.0	4.6	
3298	1974	07	17	14	26	25.0	17.50	72.73	33.0N	4.5	
3095	1973	08	29	05	40	8.9	17.53	75.73	0.0A		
4574	1981	06	20	01	03	57.2	17.54	72.48	33.0A		
4113	1979	02	17	04	58	42.9	17.56	72.75	33.0N		
1761	1967	07	14	03	19	26.8	17.60	72.30	37.0	5.1	
3689	1976	06	26	12	26	58.1	17.64	72.53	23.0		
4217	1979	09	12	01	54	27.4	17.64	74.42	62.0A		
4597	1981	07	05	02	07	32.5	17.66	73.19	33.0A		
3712	1976	08	24	15	47	54.6	17.67	72.54	49.2		
4709	1981	11	15	08	43	35.9	17.69	73.46	33.0N	5.0	
1795	1967	08	26	13	30	38.9	17.70	72.00	33.0	4.2	
3322	1974	09	02	23	16	37.0	17.74	74.34	0.0A		
3637	1976	03	22	18	34	45.3	17.74	72.82	380.2		
3246	1974	05	02	12	40	2.8	17.77	74.07	0.0A		
4295	1980	03	09	11	35	4.0	17.77	73.19	33.0A		
4850	1982	05	12	09	09	15.4	17.77	73.78	33.0N		
3949	1977	12	19	06	07	49.9	17.79	72.30	44.0		
2235	1969	09	02	16	35	40.8	17.83	72.05	36.0	5.0	
4293	1980	03	07	09	11	9.2	17.85	73.24	33.0A	4.5	
4389	1980	10	04	15	37	11.4	17.86	73.99	33.0A		
2843	1972	07	31	01	27	37.1	17.86	74.14	0.0A		
4715	1981	11	21	00	11	54.9	17.89	73.44	33.0N		
4103	1979	01	26	18	41	59.2	17.90	72.68	33.0A		
1557	1966	09	04	05	37	49.9	17.90	74.00	9.0	5.0	
4194	1979	07	23	07	50	12.6	17.93	73.59	33.0A		
4171	1979	06	08	05	33	8.1	17.95	73.15	21.2		
2915	1972	11	23	06	46	13.7	18.00	73.83	0.0A		
530	1956	06	10	15	19	40.0	18.00	74.50			
283	1944	08	07	23	38	12.0	18.00	74.00			
25	1922	09	19	03	16	20.0	18.00	73.00			
26	1922	09	19	23	50	0.0	18.00	73.00			
37	1925	03	16	10	08	55.0	18.00	73.00			
40	1925	10	25	04	30	0.0	18.00	73.00			
59	1928	03	23	11	06	20.0	18.00	73.00			
3414	1974	11	08	08	48	14.1	18.03	72.08	33.0A		
5017	1982	12	09	10	23	43.4	18.04	73.02	33.0A		
2918	1972	11	29	18	44	39.0	18.04	74.60	0.0A		
2754	1972	04	17	22	38	29.0	18.18	72.02	0.0A		



III-112

## GRID NO. 19

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4537	1981	05	06	09	30	55.0	18.27	75.25	33.0A		
3925	1977	10	16	09	53	39.2	18.30	72.38	144.0		
3439	1974	12	08	09	52	18.1	18.32	72.44	0.0A		
2998	1973	04	11	04	40	18.6	18.37	73.53	21.9		
3468	1975	02	03	01	51	15.3	18.39	74.01	0.0A		
1241	1965	02	20	21	10	13.5	18.40	72.40	33.0	5.2	
4381	1980	09	20	14	11	54.9	18.42	74.10	33.0A		
2873	1972	09	18	16	03	29.3	18.47	73.51	0.0A		
3775	1977	01	19	18	53	27.7	18.48	72.11	33.0		
322	1949	01	26	23	38	58.0	18.50	73.50			
2561	1971	01	09	20	30	37.9	18.56	73.12	35.0	4.7	
1019	1963	11	19	22	36	58.0	18.60	72.20	33.0	4.4	
1098	1964	04	20	10	52	5.3	18.60	72.00	33.0		
3473	1975	02	12	13	53	52.8	18.65	73.38	0.0A	4.5	
2773	1972	05	20	09	42	33.6	18.65	73.56	0.0A		
3051	1973	07	02	02	06	44.1	18.75	72.04	0.0A		
3181	1974	01	19	09	52	58.2	18.83	72.39	63.0	4.9	
321	1949	01	24	05	04	34.0	19.00	73.50			
3091	1973	08	19	00	33	21.9	19.14	73.50	0.0A		
2976	1973	03	12	11	30	7.9	19.63	72.22	0.0A	4.3	
3400	1974	10	25	00	37	30.9	19.66	73.99	0.0A		
3240	1974	04	18	09	19	1.4	19.74	72.21	0.0A		
2910	1972	11	08	06	08	41.4	19.95	73.17	0.0A		
646	1959	07	09	02	32	40.0	20.00	72.00			

## EARTHQUAKE CATALOG OF PERU

III-113

GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4598	1981	07	06	08	16	15.0	16.04	70.47	97.0	4.4	
3674	1976	06	02	21	46	6.6	16.04	69.51	254.8		
3075	1973	07	28	22	18	14.9	16.06	71.31	110.0	5.7	
705	1960	11	11	06	53	27.0	16.10	71.90	114.0		
983	1963	09	23	21	11	28.6	16.10	71.90	126.0	3.8	
4253	1979	12	26	02	02	54.1	16.13	71.13	144.0	4.8	
4078	1978	12	15	15	25	40.6	16.14	71.69	163.0		
5063	1983	03	11	08	07	8.3	16.16	70.48	195.7	4.3	
4344	1980	06	17	23	46	44.6	16.16	71.60	143.0A		
4059	1978	10	11	22	44	28.7	16.17	71.49	175.0	4.8	
2698	1972	01	06	13	29	37.3	16.18	70.44	185.0	4.1	
2318	1970	02	18	07	35	33.7	16.18	71.63	164.0	4.4	
1524	1966	07	17	20	57	47.2	16.20	71.90	116.0		
4324	1980	05	18	13	42	30.9	16.20	71.88	125.0	4.5	
1832	1967	11	05	21	38	52.0	16.20	69.40	235.0	3.8	
5255	1984	08	26	00	22	51.6	16.23	69.51	224.8D	5.2	
4552	1981	05	22	03	08	14.0	16.24	71.56	126.0	5.0	
3302	1974	07	26	08	59	47.8	16.27	70.94	157.0	5.0	
4592	1981	06	28	18	30	11.6	16.27	69.96	206.3	4.9	
3611	1976	01	06	04	39	37.7	16.29	69.52	261.1		
2133	1969	02	25	00	42	2.3	16.30	69.60	140.0	4.0	ISC
1884	1968	02	18	10	53	59.9	16.30	71.90	31.0	5.1	
1562	1966	09	09	05	28	7.3	16.30	71.80	139.0	4.0	
1052	1964	01	26	09	09	33.9	16.30	71.70	116.0	6.1	
2704	1972	01	21	02	05	44.4	16.31	70.08	192.0	3.8	
2154	1969	04	04	03	23	38.4	16.32	71.67	158.0		
1673	1967	02	10	06	51	37.0	16.32	69.58	288.0	4.2	
3426	1974	11	17	23	33	14.0	16.33	70.19	141.0	4.1	
3808	1977	03	22	13	31	8.9	16.34	70.39	311.0A		
2022	1968	07	27	23	18	28.7	16.34	69.24	214.0	4.2	
3524	1975	06	05	20	29	36.4	16.34	69.10	182.0	5.6	
3070	1973	07	27	00	35	2.8	16.35	70.35	0.0A		
2082	1968	11	14	16	56	13.8	16.38	71.96	95.0	4.1	
4107	1979	02	15	20	49	19.7	16.39	69.76	204.0	4.6	
2716	1972	02	21	05	31	23.7	16.39	71.27	95.0	5.2	
205	1941	04	15	16	34	35.0	16.40	71.00	223.0		
345	1950	02	07	10	35	0.0	16.40	71.00			
1169	1964	09	29	20	31	51.9	16.40	69.30	139.0	4.0	
2305	1970	01	14	23	49	6.3	16.41	71.73	104.0	3.9	
3213	1974	03	06	21	45	40.0	16.42	68.48	192.0	3.7	
4287	1980	03	02	15	19	51.4	16.43	69.65	231.5		
5160	1983	11	18	05	03	5.4	16.44	69.89	209.8		
2893	1972	10	12	10	43	33.4	16.45	71.84	75.3		

## GRID NO. 20

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>				mb	Ms
3066	1973 07 24	09 11 15.0	16.46	70.38	0.0A		
1708	1967 04 21	22 57 43.4	16.47	69.68	213.0	4.3	
3188	1974 01 25	07 26 50.0	16.48	69.85	233.0	3.6	
613	1959 01 13	19 06 40.0	16.50	71.50	150.0		
650	1959 07 31	01 51 45.0	16.50	71.00	150.0		
1385	1965 12 02	00 36 29.5	16.50	69.60	198.0	5.2	
642	1959 07 01	10 32 29.0	16.50	69.50	200.0		
2682	1971 11 04	06 57 33.9	16.50	71.97	101.4	4.8	
2331	1970 03 09	13 52 15.8	16.53	69.61	198.0	4.6	
3816	1977 04 05	07 34 52.8	16.54	71.02	117.0	4.7	
2917	1972 11 29	05 37 46.4	16.54	70.86	122.0	4.6	
2204	1969 07 15	08 49 35.3	16.54	69.53	209.0	4.1	
3981	1978 03 26	18 35 55.2	16.55	70.94	240.0	4.4	
2102	1968 12 26	02 51 29.0	16.58	69.46	177.0	3.9	
3843	1977 05 13	05 03 33.0	16.58	69.46	196.0		
4901	1982 08 03	19 57 25.2	16.59	71.48	123.4	4.3	
2615	1971 05 29	00 12 22.7	16.59	70.53	33.0A	4.4	
691	1960 08 16	02 47 17.7	16.60	71.40	110.0		
1405	1965 12 30	06 16 4.1	16.60	71.10	112.0	5.7	
1102	1964 04 28	19 33 33.5	16.60	70.00	116.0	4.2	
1461	1966 04 06	03 51 26.6	16.60	69.70	200.0	3.6	
1317	1965 07 30	22 58 44.9	16.60	69.50	178.0	3.9	
3748	1976 11 03	17 09 12.3	16.63	71.58	96.0	5.1	
3403	1974 10 27	16 21 24.7	16.65	71.59	91.0	4.5	
5257	1984 08 28	00 01 18.9	16.65	71.31	33.0N		
3216	1974 03 12	19 15 16.4	16.67	71.85	32.6		
2247	1969 09 28	14 42 15.7	16.68	69.52	201.0	3.8	
3276	1974 06 19	18 56 15.6	16.69	71.91	0.0A		
1320	1965 08 01	06 13 59.2	16.70	71.40	97.0	4.1	
1155	1964 08 10	07 34 49.9	16.70	70.80	92.0	5.2	
1021	1963 11 23	18 08 15.8	16.70	70.60	123.0	3.9	
1007	1963 11 06	18 33 25.9	16.70	69.70	174.0	4.7	
3410	1974 11 05	23 20 41.3	16.71	71.39	69.0	4.6	
2180	1969 05 31	15 54 45.0	16.72	69.93	204.0	3.9	
4007	1978 05 16	09 00 9.6	16.72	69.56	206.0	4.3	
3499	1975 04 14	13 05 58.6	16.78	71.84	0.0A		
2147	1969 03 25	04 33 23.2	16.78	69.85	175.0		
2053	1968 09 12	15 59 10.2	16.79	70.97	114.0	4.0	
1473	1966 05 02	21 34 0.0	16.80	68.90	139.0	4.3	
3205	1974 02 12	03 53 18.2	16.81	71.71	33.0A		
3034	1973 06 06	04 32 29.4	16.81	71.90	0.0A		
3168	1973 12 29	23 43 51.4	16.82	69.79	189.0	4.2	
4236	1979 11 04	13 58 14.4	16.83	69.51	187.0	4.6	

6.0 BRK

## EARTHQUAKE CATALOG OF PERU

III-115

## GRID NO. 20

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2236	1969	09	07	20 29 2.8	16.84	71.08	130.0	3.8	
3690	1976	06	26	14 13 59.2	16.84	69.73	186.6	5.3	GS
2869	1972	09	06	22 49 3.2	16.85	71.12	111.0	5.0	
2950	1973	01	29	07 51 37.9	16.88	69.69	206.0	3.8	
2643	1971	08	21	17 22 18.6	16.89	69.67	148.0	3.6	
1835	1967	11	09	08 09 10.8	16.90	71.50	97.0	3.8	
1871	1968	01	11	02 43 40.1	16.90	71.50	89.0	4.4	
413	1952	05	08	09 38 58.0	16.90	70.30	96.0		
1119	1964	05	27	06 16 8.7	16.90	70.20	116.0	3.8	
3892	1977	08	01	04 18 28.1	16.90	71.59	33.0A		
2237	1969	09	08	07 25 1.4	16.92	70.36	83.0	4.0	
3912	1977	09	19	11 42 50.8	16.93	69.77	205.0		
4160	1979	05	27	20 25 52.6	16.93	69.54	188.0		
3905	1977	09	08	06 36 20.7	16.93	70.75	120.8	4.7	GS
5038	1983	01	01	05 31 56.1	16.94	69.11	172.0D	5.7	
								6.2	PAS
								5.7	BRK
2135	1969	03	01	23 55 15.7	16.95	69.86	147.0	4.3	
4455	1981	02	02	07 20 33.2	16.95	71.15	85.0	4.7	
2072	1968	10	27	14 02 54.1	16.95	70.18	159.0	4.5	
4041	1978	08	04	16 16 16.3	16.95	71.33	30.0	5.1	3.7 ISC
3777	1977	01	22	11 37 25.2	16.96	71.62	72.5		
2644	1971	08	23	01 46 52.6	16.96	70.13	148.0D	5.0	
3802	1977	03	13	04 54 42.0	16.96	69.80	128.0	5.2	
3307	1974	07	30	09 31 11.5	16.96	70.45	141.0	4.0	
2187	1969	06	13	01 00 42.8	16.97	71.30	126.0	4.0	
3243	1974	04	25	08 56 44.0	16.99	70.66	33.0N	5.3	4.8 H
2835	1972	07	19	05 44 10.4	17.00	70.53	134.0	3.9	
390	1951	06	28	03 36 52.0	17.00	71.50			
543	1956	11	25	14 15 10.0	17.00	71.50	100.0		
783	1961	08	28	10 40 20.2	17.00	70.70	120.0		
270	1943	07	06	09 40 0.0	17.00	70.00	160.0		5.8 PAS
722	1960	12	30	11 03 36.8	17.00	70.00	47.0		
1823	1967	10	22	04 40 53.1	17.00	69.90	161.0	4.1	
1472	1966	05	02	21 28 51.1	17.00	69.60	179.0	4.1	
990	1963	10	12	12 15 20.5	17.00	69.50	170.0	3.8	
1519	1966	07	03	20 39 52.7	17.00	69.50	182.0	3.9	
1782	1967	08	06	08 07 20.7	17.00	69.50	192.0	4.0	
1234	1965	02	09	11 53 0.5	17.00	68.40	61.0	4.5	
3812	1977	03	24	23 04 28.9	17.00	69.56	182.6		
3936	1977	11	09	02 55 24.2	17.01	71.54	33.0A		
4727	1981	11	30	15 42 28.2	17.02	69.85	133.0D	5.4	
3973	1978	02	28	06 51 31.8	17.03	70.30	56.0	5.1	4.0 ISC

## GRID NO. 20

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4430	1980	12	16	00 35 11.6	17.05	69.97	33.0N	4.9	4.4 Z
4807	1982	03	11	20 13 4.8	17.05	72.00	10.0G	5.1	4.3 Z
3633	1976	03	14	21 54 15.7	17.06	70.44	138.0		
2568	1971	01	21	13 23 11.1	17.06	69.23	183.0	5.5	
4433	1980	12	22	11 05 25.6	17.08	70.06	33.0N	4.9	4.9 Z
3955	1978	01	03	07 52 45.6	17.09	71.82	65.0	5.1	4.5 ISC
1066	1964	02	19	06 29 12.1	17.10	70.70	134.0	4.0	
1849	1967	12	09	09 25 39.8	17.10	70.70	76.0	4.7	
875	1962	09	29	07 58 20.7	17.10	70.50	33.0		
1308	1965	07	14	13 37 36.7	17.10	69.30	171.0	4.2	
1140	1964	07	01	20 20 56.6	17.10	69.10	147.0	5.1	
821	1962	01	10	02 55 1.2	17.10	68.00	208.0		
4074	1978	11	18	18 00 58.0	17.10	71.38	33.0A		
4853	1982	05	23	08 36 29.1	17.11	69.66	184.1		
2224	1969	08	11	20 46 54.9	17.11	70.12	149.0	4.4 ISC	
4439	1980	12	27	07 52 2.8	17.11	69.79	171.6		
2740	1972	04	04	14 46 47.4	17.12	68.50	188.0	4.4	
4678	1981	10	08	22 25 53.0	17.12	70.05	147.2	5.0	
1993	1968	06	26	16 31 20.0	17.13	70.75	119.0	4.2	
4808	1982	03	13	20 11 27.2	17.15	71.99	33.0A	4.4	
3687	1976	06	22	14 07 4.1	17.16	69.52	211.1		
2097	1968	12	07	20 12 6.9	17.16	69.79	184.0	3.8	
5180	1984	01	04	10 10 54.1	17.17	69.29	178.0	5.0	
3542	1975	07	12	06 47 37.5	17.17	69.35	156.0D	5.5	
1658	1967	01	01	09 55 11.3	17.19	70.68	123.0D	4.3	
4332	1980	05	29	23 21 10.7	17.19	69.57	176.0	4.5	
1875	1968	01	28	04 37 58.0	17.20	71.90	72.0	4.1 ISC	
1844	1967	11	24	17 58 2.2	17.20	71.60	69.0	4.0	
1756	1967	07	06	10 25 23.6	17.20	71.50	125.0	3.8	
1342	1965	09	16	08 57 23.9	17.20	70.70	141.0	4.3	
1516	1966	06	23	00 20 17.8	17.20	70.30	152.0	4.2	
881	1962	10	20	06 33 29.2	17.20	69.70	153.0		
1375	1965	11	16	06 09 2.7	17.20	69.00	209.0	3.7	
2660	1971	09	24	06 11 32.7	17.21	69.89	135.0G	4.5	
3519	1975	05	25	21 43 41.4	17.22	71.76	33.0N	4.2	
3849	1977	05	17	15 55 33.5	17.22	71.66	90.5		
2986	1973	03	26	20 37 47.4	17.22	69.35	180.0	4.2	
2200	1969	07	10	08 03 11.3	17.23	69.69	173.0	3.9	
4040	1978	08	02	07 32 53.3	17.27	69.50	169.0	4.5	
3460	1975	01	17	12 37 1.5	17.28	70.28	137.2	4.0	
5167	1983	12	10	04 51 42.8	17.28	69.79	157.6	4.5	
2302	1970	01	05	06 58 57.6	17.28	70.99	113.0	4.9	
2103	1968	12	27	02 04 51.4	17.29	69.40	173.0	4.9	

## EARTHQUAKE CATALOG OF PERU

III-117

## GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3724	1976	09	28	13	52	27.9	17.29	69.20	132.0	5.0	
1273	1965	05	10	08	35	21.1	17.30	70.90	121.0	4.4	
1497	1966	06	05	04	17	32.3	17.30	70.60	123.0	4.2	
1346	1965	09	20	06	37	42.6	17.30	70.50	127.0	4.4	
1151	1964	08	02	08	14	5.7	17.30	69.80	5.0	4.2	
1322	1965	08	05	02	57	55.4	17.30	69.60	162.0	4.2	
2230	1969	08	27	15	55	44.1	17.30	70.09	152.0	4.9	
4301	1980	03	27	06	16	47.5	17.31	70.04	151.0	4.6	
5195	1984	02	26	08	18	19.8	17.32	70.53	113.1D	5.8	
5135	1983	09	01	20	01	47.1	17.33	69.93	105.3D	6.0	
3112	1973	10	03	22	18	4.9	17.33	71.04	0.0A		
5074	1983	04	10	11	29	52.2	17.34	70.66	122.8	4.5	
2717	1972	02	21	21	27	45.0	17.34	70.65	115.0	4.3	
3901	1977	08	19	12	15	54.4	17.38	70.93	64.0	4.8	
5212	1984	05	03	15	51	57.3	17.38	70.26	33.0N	4.8	
4009	1978	05	20	09	41	29.8	17.38	71.91	72.0	5.2	3.9 ISC
4814	1982	03	23	01	58	40.3	17.39	69.67	171.1	4.7	
4061	1978	10	13	19	25	21.8	17.40	70.58	148.4		
365	1950	08	14	06	31	35.0	17.40	71.00			
370	1950	10	30	10	22	48.0	17.40	71.00	192.0		
421	1952	10	12	04	28	32.0	17.40	71.00			
866	1962	08	30	06	22	27.6	17.40	69.80	145.0		
980	1963	09	20	02	21	29.1	17.40	69.60	154.0	3.7	
1539	1966	08	09	15	02	32.8	17.40	69.60	168.0	3.8	
1488	1966	05	29	16	34	15.8	17.40	69.40	146.0	3.8	
701	1960	09	29	06	27	56.3	17.40	68.50	115.0		GS
2673	1971	10	16	21	08	19.9	17.41	69.30	156.0D	4.8	
4386	1980	09	29	00	31	54.8	17.41	69.88	135.0D	4.9	
3832	1977	05	07	17	58	29.0	17.41	69.47	177.0		
3027	1973	05	27	23	53	26.5	17.41	69.44	178.0	3.7	
3675	1976	06	03	03	28	5.2	17.42	69.85	160.4		
2792	1972	06	07	15	00	9.7	17.42	69.35	182.0	4.1	
3757	1976	11	28	10	04	25.8	17.43	69.50	175.0		
3014	1973	04	30	03	21	12.2	17.43	69.54	170.0	4.0	
2291	1969	12	16	21	12	44.5	17.44	69.75	164.0	4.0	
3116	1973	10	09	07	41	44.8	17.44	69.50	176.0	4.9	GS
3784	1977	02	08	05	34	8.7	17.45	71.13	84.4		
4805	1982	03	09	17	12	16.6	17.46	69.56	166.7	4.9	
5139	1983	09	15	01	35	49.4	17.49	70.83	129.6		
5165	1983	11	29	11	45	10.7	17.49	70.35	129.4	4.7	
3350	1974	10	03	21	23	35.1	17.49	69.43	171.8	4.3	
1099	1964	04	21	15	25	55.3	17.50	70.60	125.0	3.9	
864	1962	08	24	13	15	37.0	17.50	70.40	92.0		

## GRID NO. 20

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
316	1948	05	11	08 55 41.0	17.50	70.25	70.0		7.3 PAS
447	1954	02	12	10 08 46.0	17.50	70.00	150.0		
673	1960	02	13	20 40 6.0	17.50	70.00	150.0		
1372	1965	11	09	09 29 29.5	17.50	69.90	150.0	3.8	
1334	1965	08	25	14 50 36.0	17.50	69.80	147.0	4.9	
654	1959	08	22	21 28 2.0	17.50	69.50	150.0		
3073	1973	07	28	11 38 19.3	17.50	70.54	0.0A		
2715	1972	02	15	21 18 21.2	17.51	71.19	71.0	5.7	
2845	1972	08	05	20 21 47.1	17.51	71.07	0.0A		
3335	1974	09	26	23 50 4.1	17.52	69.21	0.0A		
4725	1981	11	27	17 46 0.8	17.52	69.77	145.2	4.7	
4745	1981	12	14	03 50 0.9	17.52	70.33	125.6		
3722	1976	09	18	07 20 34.4	17.52	69.58	55.0	4.7	
2763	1972	04	29	13 06 55.4	17.53	71.20	0.0A		
4649	1981	09	04	02 45 21.8	17.54	70.68	119.0		
3545	1975	07	23	19 28 38.3	17.55	69.56	175.7		
2268	1969	10	19	15 23 13.7	17.55	70.38	33.0	4.0 ISC	
4454	1981	02	01	11 39 25.3	17.55	70.24	146.6		
3264	1974	06	01	14 05 40.6	17.56	71.73	111.0	3.9	
4854	1982	05	23	23 47 24.2	17.56	70.37	123.1		
2101	1968	12	21	15 28 33.5	17.56	69.55	95.0G	4.6	
5117	1983	07	15	20 16 57.1	17.57	71.36	94.6	4.9	
3605	1975	12	19	22 57 17.6	17.58	70.72	122.0	4.9	
3337	1974	09	30	20 39 11.0	17.59	69.53	153.0	4.2	
3113	1973	10	04	00 22 4.3	17.59	69.85	153.0	3.6	
5166	1983	12	03	18 39 50.6	17.59	69.50	176.2		
2069	1968	10	19	00 54 58.7	17.59	69.26	159.0	4.2	
1481	1966	05	19	17 37 19.1	17.60	71.90	19.0	4.3	
1467	1966	04	27	13 53 51.7	17.60	70.90	42.0	4.4	
1485	1966	05	25	16 29 54.5	17.60	70.90	42.0	4.2	
1286	1965	06	11	08 53 26.1	17.60	70.30	56.0	4.1	
2482	1970	11	23	06 42 42.0	17.60	70.00	152.0	4.4 ISC	
1307	1965	07	14	12 29 56.6	17.60	69.50	146.0	5.0	
1400	1965	12	21	13 15 10.6	17.60	68.60	296.0	3.7	
4714	1981	11	20	21 07 45.3	17.61	69.45	154.0		
4043	1978	08	08	01 43 23.2	17.62	70.01	149.0	4.6	
2038	1968	08	26	17 24 35.0	17.63	69.56	170.0	4.1	
1894	1968	03	15	04 17 3.0	17.63	71.70	54.0	4.3 ISC	
2218	1969	08	05	08 09 11.9	17.63	69.61	146.0	3.8	
2162	1969	04	20	10 16 47.2	17.63	69.60	149.0	4.2	
2848	1972	08	14	03 29 21.0	17.64	69.51	152.6	3.7	
1685	1967	03	09	19 56 59.4	17.65	69.68	157.0D	4.3	
4599	1981	07	08	01 06 36.7	17.65	69.69	163.4		

## EARTHQUAKE CATALOG OF PERU

III-119

## GRID NO. 20

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km.)	mb	Ms
3723	1976	09	25	10 51 20.8	17.66	69.69	152.0		
3357	1974	10	04	09 14 30.8	17.67	69.49	160.0		
3943	1977	11	23	20 57 17.0	17.67	69.39	175.0		
4746	1981	12	15	14 38 35.7	17.87	71.07	33.0A		
5196	1984	02	28	01 09 9.4	17.68	70.70	135.9	4.2	
2555	1971	01	05	11 13 47.5	17.68	69.87	140.0	3.8	
3575	1975	10	08	00 09 13.5	17.68	69.43	168.1	3.7	GS
5086	1983	04	22	21 17 29.8	17.69	69.32	183.3		
5215	1984	05	06	18 54 26.2	17.69	69.32	161.3	4.9	
970	1963	08	27	12 56 55.2	17.70	70.10	188.0	4.2	
1465	1966	04	12	01 31 6.1	17.70	69.70	139.0	4.2	
1112	1964	05	17	06 30 0.6	17.70	69.60	149.0	3.8	
1262	1965	04	24	18 29 18.3	17.70	69.60	159.0	4.4	
932	1963	05	19	23 31 25.3	17.70	69.40	137.0	5.2	
348	1950	03	18	18 19 12.0	17.70	69.20	160.0		
1271	1965	05	09	05 56 40.3	17.70	69.20	179.0	4.0	
1107	1964	05	05	03 26 46.1	17.70	68.90	33.0	4.9	
4749	1981	12	20	06 12 12.7	17.70	69.92	139.2	4.7	
3077	1973	07	30	09 57 44.1	17.71	70.54	0.0A		
3866	1977	06	05	01 45 30.9	17.71	69.75	140.0		
3670	1976	05	26	01 12 17.4	17.71	69.69	167.0		
5114	1983	06	26	05 39 41.3	17.71	69.87	137.3	4.8	
3968	1978	02	05	01 52 19.6	17.72	69.49	114.0	5.3	4.2 ISC
3754	1976	11	20	17 34 40.6	17.72	69.50	177.8		
3160	1973	12	01	14 34 10.1	17.73	69.73	142.0	5.2	
4101	1979	01	22	06 19 8.9	17.74	69.50	173.0		
3891	1977	08	01	03 09 32.5	17.74	71.84	81.7	4.8	GS
2686	1971	11	12	06 28 2.5	17.75	70.42	105.0	3.8	
2242	1969	09	18	07 11 38.7	17.75	71.70	50.0	4.3	
2081	1968	11	11	20 55 3.7	17.77	69.57	165.0	3.8	
4475	1981	03	15	12 37 14.6	17.77	69.55	48.6		
3125	1973	10	19	17 54 5.7	17.78	69.35	169.0	3.9	
3669	1976	05	25	18 26 44.4	17.79	68.82	198.6	3.9	GS
4209	1979	08	21	19 44 10.5	17.80	69.21	160.9	5.2	GS
1418	1966	01	19	04 44 31.1	17.80	71.40	83.0	5.2	
1534	1966	08	01	09 50 38.5	17.80	70.60	114.0	4.7	
196	1940	10	04	09 33 42.0	17.80	70.40			
197	1940	10	05	04 46 36.0	17.80	70.40			
198	1940	10	06	15 35 42.0	17.80	70.40	200.0		
199	1940	10	12	02 58 54.0	17.80	70.40	200.0		
200	1940	10	15	07 54 18.0	17.80	70.40	200.0		
982	1963	09	20	22 11 32.2	17.80	68.80	171.0	5.1	
4536	1981	05	02	19 16 32.4	17.81	71.76	16.0	5.1	



## III-120

## GRID NO. 20

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4243	1979	12	01	01 30 17.4	17.82	68.74	191.0	4.8	
3744	1976	10	25	22 19 4.9	17.83	71.17	37.0	5.3	
3212	1974	03	05	17 15 4.4	17.83	68.60	190.0	4.5	
3324	1974	09	04	03 40 37.6	17.84	71.50	94.0	4.2	
3428	1974	11	19	03 33 6.8	17.84	69.88	188.6	3.9	GS
2044	1968	09	04	11 11 50.6	17.84	69.65	137.0	3.8	
3567	1975	09	02	06 09 50.4	17.84	69.34	174.0		
2241	1969	09	17	02 48 46.0	17.85	69.63	158.0	3.9	
3534	1975	06	21	09 47 6.0	17.86	70.58	131.0	4.4	
4069	1978	11	10	12 18 55.7	17.86	69.24	88.0	5.2	
2730	1972	03	22	03 31 56.0	17.86	69.61	162.0	3.6	
3093	1973	08	26	01 23 28.3	17.86	69.43	169.0	4.7	
4279	1980	02	06	18 35 3.5	17.86	69.31	201.8		
2903	1972	10	28	17 22 37.8	17.87	69.52	141.2		
3021	1973	05	09	04 06 40.3	17.87	69.20	154.0	3.7	
2167	1969	05	13	14 29 50.1	17.88	69.59	156.0	4.0	
5207	1984	04	25	11 15 11.0	17.88	70.82	86.5	5.1	
3072	1973	07	28	11 18 50.1	17.89	70.60	0.0A		
3185	1974	01	22	01 11 17.5	17.89	69.33	150.0	3.9	
5152	1983	11	02	04 58 52.5	17.89	69.09	164.6	4.4	
3136	1973	11	03	04 34 36.8	17.89	70.68	89.0	5.0	
3655	1976	05	10	23 46 46.6	17.89	69.76	165.1		
2709	1972	01	29	02 18 37.4	17.90	71.40	40.0	5.0	4.1 H
1176	1964	10	11	14 19 11.5	17.90	71.50	35.0	5.2	
1892	1968	03	11	17 06 45.9	17.90	69.90	131.0	4.0	
1164	1964	09	14	10 48 17.7	17.90	69.70	192.0	3.5	
1049	1964	01	18	06 53 1.3	17.90	69.50	157.0	3.8	
1373	1965	11	10	01 47 22.4	17.90	69.50	140.0	4.3	
1410	1966	01	02	03 53 58.2	17.90	69.50	142.0	4.4	
1476	1966	05	09	01 31 58.4	17.90	69.20	173.0	4.2	
936	1963	05	31	04 39 14.8	17.90	68.30	57.0	4.8	
4613	1981	07	21	18 34 45.6	17.90	69.71	33.0A		
2879	1972	09	27	00 59 31.1	17.91	69.95	120.0	3.4	
3612	1976	01	06	23 54 22.2	17.92	69.48	76.0	5.6	
4326	1980	05	24	05 45 35.0	17.92	69.60	160.0		
3083	1973	08	04	22 44 44.5	17.93	69.48	144.0	3.5	
4520	1981	04	25	02 48 1.4	17.93	69.65	145.0	4.7	
5133	1983	08	25	08 41 12.7	17.94	71.99	33.0N		
2678	1971	10	28	14 40 14.5	17.94	69.36	133.0D	5.1	
4188	1979	06	25	20 41 59.5	17.94	71.36	28.0D	5.0	4.2 Z
4675	1981	10	07	08 03 21.4	17.95	71.73	33.0N	4.4	
3530	1975	06	12	01 53 26.1	17.97	70.70	53.3		
5229	1984	06	12	15 40 9.1	17.98	69.79	152.4		

## EARTHQUAKE CATALOG OF PERU

III-121

GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2710	1972	01	30	08	16	28.8	17.99	69.41	144.0	4.5	
2962	1973	03	01	07	11	60.0	17.99	70.37	118.4	3.7	
3127	1973	10	22	06	15	23.0	17.99	69.80	105.0	4.7	
3676	1976	06	05	10	50	7.4	17.99	70.07	33.0A		
1131	1964	06	16	11	15	25.0	18.00	71.70	80.0	4.1	ISC
679	1960	05	04	01	28	52.0	18.00	71.50	100.0		
132	1936	07	04	08	52	35.0	18.00	70.00	140.0		6.0 PAS
343	1949	12	03	12	01	54.0	18.00	70.00			
559	1957	08	01	12	46	23.0	18.00	70.00	150.0		
921	1963	04	06	00	42	59.7	18.00	69.90	159.0	4.3	
1186	1964	11	12	12	13	34.6	18.00	69.80	80.0	4.8	
512	1955	12	31	05	00	6.0	18.00	69.50			
1448	1966	03	15	03	46	18.3	18.00	69.30	152.0	4.2	
1857	1967	12	21	05	17	54.2	18.00	69.30	158.0	4.3	
169	1939	05	19	18	25	35.0	18.00	69.00	100.0		6.3 PAS
340	1949	09	18	12	45	57.0	18.00	69.00	200.0		
542	1956	11	16	22	02	19.0	18.00	69.00	150.0		
591	1958	06	01	10	40	17.0	18.00	69.00	150.0		
737	1961	03	17	03	39	27.2	18.00	69.00	234.0		
1299	1965	07	03	16	32	30.3	18.00	68.00	199.0	3.9	
4858	1982	05	25	19	24	8.7	18.00	71.29	83.4		
4469	1981	03	05	04	03	33.3	18.00	69.44	146.9		
3033	1973	06	05	09	11	27.5	18.02	71.79	80.3		
3788	1977	02	19	13	41	41.1	18.02	70.43	139.0		
4446	1981	01	13	12	46	54.7	18.05	71.50	36.0D	5.0	
5137	1983	09	10	09	12	58.8	18.05	69.58	137.1	4.9	
1976	1968	06	22	04	29	8.9	18.07	71.00	83.0	3.9	ISC
2203	1969	07	13	05	45	0.3	18.07	69.44	140.0	4.7	
3564	1975	08	26	08	07	31.8	18.08	69.37	159.4		
4225	1979	10	08	02	25	1.4	18.08	68.70	187.0	4.8	
2271	1969	10	22	10	21	52.1	18.09	71.54	23.0	5.4	
4384	1980	09	23	00	18	19.8	18.09	69.98	134.0	4.7	
5253	1984	08	18	16	51	38.7	18.10	71.14	41.7D	5.1	
4541	1981	05	07	21	45	49.0	18.10	69.64	156.0	4.5	
2619	1971	06	03	14	13	0.1	18.10	69.47	139.0	3.9	
1530	1966	07	27	23	10	53.9	18.10	71.90	47.0	4.2	
1805	1967	09	14	03	58	29.1	18.10	71.60	33.0	4.1	
1313	1965	07	30	05	45	16.1	18.10	70.80	72.0	6.0	
1378	1965	11	23	10	21	0.3	18.10	70.70	93.0	4.4	
818	1962	01	02	05	23	41.5	18.10	70.60	77.0		4.8 PAL
1122	1964	06	01	05	12	27.6	18.10	70.60	136.0		
758	1961	06	03	04	21	56.2	18.10	70.30	60.0		
692	1960	08	25	12	03	19.2	18.10	69.40	32.0		

## GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
979	1963	09	19	21	10	17.8	18.10	69.30	174.0	4.2	
1201	1964	12	07	10	07	42.0	18.10	68.70	95.0	4.4	
1028	1963	12	10	14	49	42.6	18.10	68.50	79.0	5.3	
4176	1979	06	12	14	32	2.6	18.11	71.08	33.0A		
3109	1973	09	28	14	52	29.2	18.12	70.88	54.0	4.4	
4837	1982	04	20	12	36	48.8	18.12	69.32	182.9		
2086	1968	11	28	02	23	22.1	18.13	69.51	140.0	4.5	
5075	1983	04	10	12	50	19.8	18.13	69.29	153.7		
1687	1967	03	13	22	09	45.8	18.14	69.38	138.0	4.0	
3945	1977	11	27	03	58	39.8	18.14	69.54	134.0	5.3	GS
4423	1980	12	07	02	04	23.4	18.14	69.69	214.1		
3896	1977	08	07	21	42	8.2	18.15	71.58	79.1	5.0	GS
2877	1972	09	25	14	54	42.7	18.16	70.16	85.0	4.3	
4550	1981	05	18	21	50	49.6	18.16	69.82	137.2		
5132	1983	08	22	08	50	0.4	18.17	70.37	90.3	4.1	
4033	1978	07	23	19	07	36.6	18.18	69.04	33.0A		
2065	1968	09	30	00	37	36.6	18.18	68.89	191.0	3.8	
2803	1972	06	16	14	33	14.0	18.19	69.51	126.0	4.9	
2163	1969	04	21	08	57	20.1	18.19	69.44	136.0	4.0	
3686	1976	06	21	07	56	31.1	18.19	69.58	145.9		
1246	1965	03	11	14	55	4.1	18.20	71.20	59.0	4.0	
1077	1964	03	10	22	48	53.7	18.20	70.60	132.0	4.4	
1627	1966	11	12	18	49	32.0	18.20	70.20	33.0	5.0	ISC
734	1961	02	24	08	16	11.3	18.20	69.70	121.0		
1291	1965	06	24	03	29	45.0	18.20	69.70	72.0	5.0	
1573	1966	09	30	09	29	11.7	18.20	69.60	122.0	5.1	
799	1961	10	06	09	02	42.6	18.20	69.50	184.0		
924	1983	04	26	16	44	14.6	18.20	69.30	131.0	4.5	
1509	1968	06	14	08	54	49.5	18.20	68.60	83.0	4.4	
2105	1968	12	28	09	47	47.9	18.24	69.32	150.0G	4.4	
3376	1974	10	08	23	38	18.6	18.24	69.42	146.0	3.6	
4768	1982	01	16	04	08	16.0	18.25	69.29	139.6		
5104	1983	08	03	04	49	44.1	18.25	69.70	132.6	4.8	
4174	1979	08	09	06	18	31.2	18.25	69.38	219.5		
2865	1972	09	02	20	57	18.7	18.26	69.40	128.0	4.6	
5089	1983	04	27	06	56	34.2	18.27	70.14	33.0N		
2498	1970	12	10	12	13	10.6	18.27	69.89	136.0	4.1	
4266	1980	01	08	03	59	8.4	18.27	71.23	33.0A		
5054	1983	02	25	22	49	54.7	18.27	69.44	146.0D	5.9	
3118	1973	10	11	11	12	14.5	18.27	69.64	140.4		
3959	1978	01	16	08	05	9.2	18.27	69.87	145.6		
4045	1978	08	13	15	20	18.6	18.28	69.86	144.0	5.0	
2675	1971	10	21	15	32	39.7	18.30	69.57	96.0	4.5	

## EARTHQUAKE CATALOG OF PERU

III-123

GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4988	1982	11	07	23	45	4.3	18.30	71.94	0.0A		
992	1963	10	19	02	14	17.4	18.30	71.20	78.0	4.5	
1398	1965	12	14	04	55	18.8	18.30	70.80	88.0	5.2	
746	1961	04	09	17	17	47.6	18.30	70.20	29.0		
1038	1963	12	30	16	20	48.3	18.30	70.10	150.0	4.1	
1424	1966	02	01	05	38	30.4	18.30	69.80	139.0	4.2	
729	1961	02	04	01	13	7.0	18.30	69.50	158.0		
1441	1966	02	26	21	14	33.3	18.30	69.40	130.0	3.7	
344	1950	01	13	10	10	54.0	18.30	69.20	191.0		
1161	1964	09	04	09	36	58.7	18.30	69.00	101.0	5.4	
3458	1975	01	12	11	56	27.4	18.30	69.84	142.6	4.2	
3200	1974	02	08	05	27	4.1	18.31	69.91	110.0	3.8	
3759	1976	11	29	03	42	53.6	18.32	69.58	261.0A		
1671	1967	02	08	12	18	0.5	18.32	70.04	107.0	4.2	
5010	1982	11	29	15	39	6.7	18.32	69.56	115.0D	5.3	
3017	1973	05	05	15	47	4.7	18.32	70.87	33.0N	4.3	
3199	1974	02	06	20	06	6.3	18.33	69.45	0.0A		
3985	1978	04	03	08	39	32.8	18.33	69.15	147.0	4.6	
3589	1975	10	31	10	20	47.9	18.33	71.75	41.1	4.2	GS
2936	1972	12	22	01	53	50.0	18.34	71.63	0.0A		
3062	1973	07	18	15	21	23.0	18.35	69.20	151.0D	5.7	
4820	1982	04	01	16	11	55.4	18.35	71.38	45.2	5.2	4.0 ISC
5144	1983	09	24	22	21	7.9	18.35	69.56	162.2		
1661	1967	01	12	05	44	0.3	18.35	70.42	99.0	4.8	
4493	1981	04	10	16	29	49.5	18.37	69.49	137.8		
3297	1974	07	17	12	40	52.5	18.37	69.53	33.0A		
1238	1965	02	19	09	35	58.0	18.39	69.34	135.0	4.4	ISC
2956	1973	02	09	07	41	22.3	18.39	69.08	134.0	4.9	
1918	1968	05	09	18	32	33.3	18.40	69.36	125.0D	5.0	
1148	1964	07	18	11	13	14.2	18.40	70.90	40.0	4.8	
1383	1965	11	30	09	44	42.5	18.40	70.90	67.0	4.1	
772	1961	07	27	06	09	25.9	18.40	70.20	47.0		
1631	1966	11	14	12	58	37.9	18.40	69.40	132.0	5.5	
1290	1965	06	22	14	19	50.9	18.40	69.30	122.0	5.0	
1393	1965	12	08	06	25	56.7	18.40	69.30	131.0	3.8	
1395	1965	12	11	04	29	35.4	18.40	69.30	138.0	4.0	
1882	1968	02	14	23	20	39.2	18.40	69.30	139.0	4.4	
1118	1964	05	23	21	31	3.4	18.40	69.20	128.0	4.7	
872	1962	09	27	12	30	53.0	18.40	68.70	59.0		
1571	1966	09	27	15	24	4.3	18.40	68.50	215.0	3.9	
3738	1976	10	15	08	43	5.7	18.42	69.67	127.0		
4712	1981	11	17	17	12	19.5	18.43	69.36	33.0A		
2594	1971	04	27	00	47	56.0	18.44	69.27	131.0	5.2	

## GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2111	1969	01	06	20	18	31.3	18.44	70.70	72.0	4.9	
3353	1974	10	03	23	51	21.8	18.45	68.97	164.0	4.1	
3914	1977	09	24	00	09	21.7	18.45	71.25	29.0D	4.8	
4965	1982	10	10	05	55	46.3	18.45	69.73	144.8		
2859	1972	08	23	10	28	0.9	18.48	70.08	0.0A		
3319	1974	08	31	11	36	49.5	18.49	69.77	128.0	4.8	
4421	1980	11	27	12	22	54.6	18.49	69.61	140.0		
5214	1984	05	05	23	16	49.6	18.49	69.71	147.8		
1552	1966	08	29	05	48	8.6	18.50	71.60	26.0	4.7	
630	1959	04	21	16	36	42.0	18.50	71.50			
1094	1964	04	09	21	54	42.1	18.50	71.50	39.0	5.2	
172	1939	09	13	18	03	30.0	18.50	70.50	130.0		5.8 PAS
76	1929	11	12	20	07	15.0	18.50	70.00			
174	1939	10	07	23	51	18.0	18.50	70.00	110.0		6.0 PAS
207	1941	07	10	09	29	42.0	18.50	70.00	120.0		6.0 PAS
290	1945	05	10	01	57	35.0	18.50	70.00	250.0		
1572	1966	09	29	17	13	22.2	18.50	69.80	113.0	4.1	
1036	1963	12	29	17	15	39.2	18.50	69.70	113.0	5.5	
953	1963	07	18	05	25	4.3	18.50	69.30	72.0	4.9	
4402	1980	11	06	11	24	12.4	18.50	69.22	137.0	4.8	
471	1954	08	07	09	37	24.0	18.50	69.00	100.0		
570	1958	01	07	02	56	19.0	18.50	69.00	150.0		
6	1915	06	06	21	29	37.0	18.50	68.50	160.0		7.6 PAS
1251	1965	03	24	11	16	50.5	18.50	68.50	33.0	4.8	
14	1921	10	20	06	03	24.0	18.50	68.00	120.0		7.0 PAS
3947	1977	12	01	14	13	15.4	18.50	69.11	139.0		
5016	1982	12	06	08	47	56.8	18.51	68.88	149.8	4.7	
2723	1972	03	17	11	06	10.2	18.51	71.36	0.0A		
4761	1982	01	02	06	45	34.3	18.52	70.10	110.4	4.2	
3283	1974	06	28	20	01	51.2	18.52	69.82	0.0A		
4356	1980	07	21	08	47	56.2	18.52	69.35	137.0	4.7	
3012	1973	04	28	13	03	3.7	18.53	71.19	38.0	4.2	
2240	1969	09	15	07	14	25.8	18.55	69.02	177.0D	5.2	
4773	1982	01	29	02	28	28.3	18.56	71.27	33.0A		
3560	1975	08	22	10	16	50.6	18.56	69.77	113.4		
4351	1980	07	10	04	25	40.5	18.58	69.68	151.0	4.3	
3895	1977	08	07	21	09	32.1	18.58	71.51	87.3		
2319	1970	02	21	20	02	18.9	18.59	69.60	122.0	4.4	
1735	1967	06	09	01	00	29.9	18.60	71.50	35.0	4.2	
1075	1964	03	07	04	51	4.6	18.60	70.40	112.0	4.5	
1081	1964	03	19	03	28	57.0	18.60	69.90	127.0	3.9	
1869	1968	01	08	18	44	24.5	18.60	69.90	116.0	5.4	
1105	1964	05	01	09	51	31.6	18.60	69.50	136.0	4.2	

## EARTHQUAKE CATALOG OF PERU

III-125

GRID NO. 20

NO.	DATE		TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec			mb	Ms
1207	1964	12	20	22	43	35.3	18.60	69.50	129.0	4.3
469	1954	07	29	03	23	41.0	18.60	69.40	160.0	
2775	1972	05	21	01	24	7.9	18.61	69.28	132.0	5.2
2680	1971	11	03	16	06	50.1	18.62	69.37	127.0	4.0
4893	1982	07	26	19	02	36.3	18.63	69.25	33.0A	
4008	1978	05	16	20	05	35.8	18.65	70.14	55.0	5.1
2138	1969	03	05	01	49	53.4	18.66	70.99	105.0	3.8
4894	1982	07	26	19	58	23.0	18.66	69.19	33.0A	
2977	1973	03	12	18	39	46.2	18.66	70.90	0.0A	
5095	1983	05	15	14	11	38.4	18.66	70.85	50.6	4.2
4630	1981	08	13	21	19	23.4	18.67	69.43	130.0D	4.6
5092	1983	05	06	11	50	16.7	18.67	69.80	102.3	4.9
4629	1981	08	12	14	50	44.1	18.67	69.76	134.3	4.3
1664	1967	01	26	20	02	24.0	18.68	69.60	119.0	4.2
4877	1982	07	01	02	56	27.2	18.68	69.40	148.7	5.0
3578	1975	10	14	05	36	16.5	18.69	71.09	56.0	
4865	1982	06	04	01	32	7.4	18.69	70.83	33.0A	4.8
3665	1976	05	22	08	02	1.2	18.69	70.93	76.4	4.0
2104	1968	12	27	21	29	25.4	18.69	70.28	81.0	4.1
1766	1967	07	18	14	16	10.0	18.70	71.30	27.0	4.2
819	1962	01	03	06	53	16.2	18.70	71.00	77.0	
1108	1964	05	07	03	19	18.1	18.70	69.70	120.0	3.6
4558	1981	05	24	21	29	6.1	18.72	69.54	124.0	4.7
5172	1983	12	19	15	26	53.6	18.72	71.38	33.0N	
2290	1969	12	15	15	08	58.9	18.73	69.63	123.0	3.9
468	1954	07	29	00	14	19.0	18.75	68.75		
3742	1976	10	19	10	18	29.2	18.75	69.39	33.0A	
3327	1974	09	14	17	58	35.5	18.77	69.73	137.3	
4345	1980	06	19	14	12	22.6	18.77	71.14	65.1	
3155	1973	11	25	04	33	19.9	18.78	69.16	139.0D	5.1
4237	1979	11	06	15	49	9.3	18.80	69.68	51.0	5.0
226	1942	06	18	05	15	45.0	18.80	70.50		
397	1951	10	03	11	07	9.0	18.80	70.50	64.0	
1020	1963	11	22	12	40	10.0	18.80	69.60	120.0	4.6
1737	1967	06	10	16	55	5.1	18.80	69.60	118.0	4.1
1439	1966	02	24	05	35	38.3	18.80	69.30	107.0	4.4
1773	1967	07	25	16	14	43.6	18.80	69.20	134.0	3.7
3573	1975	09	30	12	39	47.0	18.80	69.09	152.8	
1210	1964	12	25	08	48	37.7	18.80	69.00	117.0	5.1
3916	1977	09	26	17	41	41.0	18.81	69.58	126.0	
4568	1981	06	07	14	39	14.8	18.81	69.57	122.1	4.7
1714	1967	05	05	16	36	24.9	18.82	71.22	30.0	4.0
2328	1970	03	05	17	01	11.4	18.82	69.23	127.0	5.2

## GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4398	1980	10	29	00	23	31.0	18.83	69.48	33.0A		
3334	1974	09	23	17	08	50.0	18.84	70.53	0.0A		
3867	1977	06	06	17	47	7.8	18.87	69.80	105.0	4.9	
3972	1978	02	22	12	38	22.0	18.88	70.62	33.0A		
5256	1984	08	26	08	27	43.8	18.89	69.61	33.0N		
2630	1971	06	30	22	04	27.3	18.89	69.55	128.1		
4864	1982	06	03	06	43	50.8	18.89	68.02	184.8	5.2	
2820	1972	07	06	04	15	15.0	18.89	69.36	141.0		
4764	1982	01	05	02	58	1.3	18.89	69.41	153.0		
4937	1982	09	01	02	03	46.9	18.89	69.91	33.0A		
3402	1974	10	26	20	33	34.6	18.90	69.14	136.0	4.5	
1233	1965	01	29	04	35	49.0	18.90	70.90	224.0	3.9	ISC
1203	1964	12	07	20	41	42.0	18.90	69.60	127.0	4.4	
1540	1966	08	11	15	10	26.7	18.90	69.60	130.0	4.3	
1391	1965	12	07	11	15	6.7	18.90	69.50	120.0	4.6	
1883	1968	02	17	23	08	15.3	18.90	69.50	128.0	4.0	
721	1960	12	29	19	01	38.1	18.90	69.40	39.0		
1329	1965	08	20	09	42	48.7	18.90	69.00	128.0	6.2	6.5 PAS
826	1962	02	27	14	03	31.5	18.90	68.40	188.0		
775	1961	08	05	09	27	45.5	18.90	68.20	113.0		
4213	1979	08	29	05	14	12.2	18.90	70.78	72.0A		
5034	1982	12	28	08	06	33.5	18.91	69.59	52.0D	5.3	
4700	1981	11	02	14	30	55.0	18.91	69.78	94.0D	5.1	
4410	1980	11	12	11	54	33.9	18.95	69.25	113.0D	5.1	
2966	1973	03	02	18	30	56.2	18.96	69.08	138.0D	4.9	
4002	1978	05	04	09	41	41.6	18.97	69.71	128.0	4.3	
3444	1974	12	13	13	23	37.0	18.98	69.51	118.0	5.3	
5141	1983	09	21	10	27	56.8	18.98	69.12	111.6D	5.3	
2168	1969	05	17	06	39	33.1	18.98	69.36	120.0G	4.1	
3447	1974	12	22	16	44	15.5	18.99	69.83	63.0	5.2	
2616	1971	05	29	16	40	10.7	18.99	69.33	132.2	4.0	
104	1933	09	14	07	59	24.0	19.00	70.50	100.0		5.3 PAS
185	1940	03	31	16	52	30.0	19.00	70.50	50.0		6.0 PAS
91	1932	07	29	00	45	18.0	19.00	70.00	110.0		6.0 PAS
513	1956	01	08	20	54	13.0	19.00	70.00			7.1 PAS
514	1956	01	12	04	38	0.0	19.00	70.00			
1250	1965	03	20	13	02	28.6	19.00	69.60	64.0	4.5	
163	1938	04	17	14	39	38.0	19.00	69.50	60.0		6.5 PAS
208	1941	09	07	22	22	48.0	19.00	69.50			
507	1955	08	27	02	46	30.0	19.00	69.50			
554	1957	04	13	15	39	43.0	19.00	69.50	150.0		
666	1960	01	05	05	13	48.0	19.00	69.50			
1538	1966	08	09	10	32	59.6	19.00	69.30	127.0	4.0	

## EARTHQUAKE CATALOG OF PERU

III-127

GRID NO. 20

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1252	1965	03	28	00 09 31.5	19.00	69.20	170.0	4.1	
1427	1966	02	05	23 34 35.4	19.00	69.20	167.0	5.1	
87	1932	05	30	00 22 45.0	19.00	69.00	160.0		5.8 PAS
396	1951	09	25	09 08 29.0	19.00	69.00	128.0		
532	1956	07	22	09 25 8.0	19.00	69.00	100.0		6.1 PAS
647	1959	07	10	04 11 40.0	19.00	69.00			
658	1959	10	12	03 43 44.0	19.00	68.50	150.0		
3823	1977	04	26	20 29 41.6	19.00	69.64	33.0A		
3904	1977	08	31	16 47 19.3	19.00	69.18	143.5		
2647	1971	09	03	10 32 39.6	19.01	69.08	120.0	3.9	
3326	1974	09	11	01 21 42.2	19.02	69.58	113.0	5.2	
3504	1975	04	23	11 42 36.8	19.02	69.61	171.4A		
5235	1984	06	27	04 00 10.6	19.02	68.47	73.4	4.7	
1279	1965	05	28	02 07 26.3	19.03	68.80	168.0	3.6	ISC
3878	1977	06	27	01 20 37.9	19.04	69.55	104.0A		
2280	1969	11	16	14 38 4.5	19.05	69.16	120.0G	4.1	
4497	1981	04	13	13 53 25.2	19.05	70.49	57.0	4.1	
5101	1983	05	23	00 54 11.9	19.07	69.14	110.0D	5.5	
3707	1976	08	17	21 57 4.5	19.07	69.33	150.7		
3983	1978	04	02	09 07 7.1	19.07	69.28	86.0	5.3	4.6 ISC
3540	1975	07	05	10 58 55.9	19.07	71.34	33.0N	4.7	
4545	1981	05	11	02 43 21.6	19.08	69.76	107.0	5.0	
1663	1967	01	22	11 50 49.9	19.10	69.11	130.0	4.4	
2484	1970	12	06	03 01 47.5	19.10	69.39	111.0D	5.3	
760	1961	06	22	07 43 51.6	19.10	70.80	76.0		
1406	1965	12	30	16 42 44.5	19.10	69.50	115.0	4.6	
1904	1968	04	11	11 41 42.7	19.10	69.40	137.0	4.0	
1064	1964	02	17	02 30 41.8	19.10	69.30	150.0	4.3	
1632	1966	11	14	21 44 31.7	19.10	69.20	125.0	4.5	
4308	1980	04	04	22 22 36.6	19.10	69.57	149.0	4.6	
3620	1976	01	29	12 04 14.8	19.10	69.07	109.0	4.5	
2342	1970	04	15	04 42 59.8	19.11	69.71	124.0	4.1	ISC
3758	1976	11	28	10 42 6.4	19.12	70.15	33.0A		
2460	1970	10	09	05 21 14.4	19.12	70.92	33.0	4.1	ISC
1686	1967	03	09	20 12 33.9	19.13	69.60	115.0	4.4	
5083	1983	04	20	02 45 34.0	19.13	69.57	121.0D	4.8	
2800	1972	06	13	19 50 9.8	19.13	69.63	115.8		
4763	1982	01	04	15 33 8.2	19.14	69.62	109.0	5.2	
1929	1968	06	12	10 50 6.0	19.15	70.74	33.0N	4.3	
3064	1973	07	21	15 39 5.0	19.15	70.15	75.0	4.3	
2024	1968	07	29	05 57 5.9	19.16	69.77	71.0D	5.2	
2604	1971	05	17	03 34 41.8	19.17	69.50	107.0	5.1	
1672	1967	02	08	13 42 16.6	19.17	69.62	112.0	4.1	



## GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4350	1980	07	05	04	38	43.7	19.17	69.32	183.5		
3053	1973	07	07	12	45	0.1	19.17	69.77	89.0	5.3	
5218	1984	05	11	23	55	43.4	19.18	69.49	156.4	4.8	
4325	1980	05	23	03	40	38.6	19.18	69.44	112.0	4.6	
4189	1979	07	03	02	21	25.5	19.18	69.08	113.0D	4.8	
2840	1972	07	27	06	05	28.8	19.19	68.57	141.0	4.3	
5274	1984	12	16	02	28	56.4	19.19	69.84	112.8		
4277	1980	02	05	16	50	43.6	19.20	68.27	184.2		
2650	1971	09	07	08	29	49.6	19.20	68.85	157.0	4.4	
958	1963	07	28	09	37	18.2	19.20	71.90	110.0	4.3	
1837	1967	11	14	10	18	41.2	19.20	69.60	116.0	4.1	
1364	1965	10	18	12	57	14.7	19.20	69.50	179.0	4.5	
1037	1963	12	30	06	52	24.0	19.20	69.40	194.0	3.8	
1162	1964	09	05	15	05	10.9	19.20	69.30	103.0	4.6	
496	1955	05	19	07	07	17.0	19.20	69.20	128.0		
4755	1981	12	23	22	11	8.8	19.20	70.27	58.2	5.3	
4185	1979	06	17	19	33	32.7	19.20	68.89	116.0D	5.3	
3787	1977	02	15	14	19	25.3	19.20	69.95	77.0	4.5	
3177	1974	01	13	21	02	29.3	19.21	69.38	133.3		
4256	1979	12	30	12	36	47.0	19.21	69.47	120.0D	4.7	
2768	1972	05	10	10	31	56.8	19.22	69.28	127.0	4.0	
4668	1981	09	29	04	24	49.6	19.22	69.46	260.0A		
5175	1983	12	23	12	41	45.6	19.22	69.40	127.5	5.0	
2392	1970	06	04	21	21	40.4	19.23	69.86	95.0	4.3	
2026	1968	08	01	01	53	32.9	19.23	70.73	147.0		
3314	1974	08	17	14	38	38.0	19.23	69.86	95.0	4.0	
3533	1975	06	20	21	23	27.9	19.23	69.72	107.9A		
3411	1974	11	06	13	22	50.0	19.23	69.86	82.6		
2281	1969	11	29	03	14	4.1	19.24	69.42	108.0D	4.3	
3563	1975	08	25	21	42	10.8	19.24	69.16	119.0D	5.7	
2911	1972	11	08	12	40	28.3	19.24	68.79	141.0	4.0	
3295	1974	07	15	02	27	32.5	19.25	68.82	160.0	4.5	
2942	1973	01	08	20	43	23.6	19.25	70.47	53.0	4.4	
488	1955	02	11	12	06	3.0	19.25	68.50	100.0		
5154	1983	11	04	16	33	43.5	19.25	69.46	142.0	4.8	
4233	1979	10	19	03	50	8.5	19.26	69.16	94.0	4.6	
5239	1984	07	17	10	34	36.0	19.26	69.37	109.5		
3565	1975	08	26	17	51	57.1	19.26	69.23	33.0A		
1888	1968	03	04	08	37	20.0	19.27	69.20	132.0	3.8 ISC	
3102	1973	09	14	09	54	35.6	19.28	71.73	0.0A		
4912	1982	08	10	15	02	25.2	19.28	69.50	33.0A		
2646	1971	08	31	12	25	15.3	19.28	69.98	69.0	4.5	
5233	1984	06	21	17	22	32.7	19.28	70.40	110.5		

5.7 BRK

## EARTHQUAKE CATALOG OF PERU

III-129

GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2907	1972	11	03	23	57	55.3	19.29	69.04	127.0D	5.3	
5122	1983	07	22	12	51	33.3	19.30	69.27	134.1	4.7	
4553	1981	05	22	17	48	0.7	19.30	69.26	92.0	4.9	
1841	1967	11	19	19	41	36.9	19.30	70.50	59.0	4.0	
1829	1967	10	30	14	00	57.0	19.30	69.80	33.0	4.3 ISC	
1212	1965	01	01	20	59	20.1	19.30	69.60	174.0	4.2	
1278	1965	05	25	16	22	52.0	19.30	69.60	109.0	4.8	
2464	1970	10	12	04	06	4.0	19.30	69.60	115.0	4.3 ISC	
1967	1968	06	20	21	48	7.0	19.30	69.35	120.0	3.9	
1047	1964	01	12	23	33	40.9	19.30	69.30	204.0	4.2	
1315	1965	07	30	13	35	21.4	19.30	69.10	206.0	3.9	
1044	1964	01	08	14	34	52.5	19.30	69.00	199.0	3.9	
768	1961	07	10	03	49	56.4	19.30	68.40	117.0		
3621	1976	02	01	09	45	24.0	19.31	70.49	33.0A		
3874	1977	06	21	20	07	45.3	19.31	69.47	33.0A		
4280	1980	02	09	04	18	49.0	19.32	68.78	144.0		
4151	1979	05	11	13	22	50.0	19.32	69.32	98.1		
4962	1982	10	06	23	23	43.8	19.32	70.25	68.0D	5.1	
2929	1972	12	12	12	40	33.2	19.32	70.28	0.0A		
2737	1972	04	03	07	10	5.2	19.32	70.56	52.1		
3037	1973	06	08	03	19	11.7	19.33	69.13	135.3		
2563	1971	01	13	00	04	42.2	19.33	68.93	138.0	4.4	
4633	1981	08	18	12	53	34.8	19.33	69.57	127.1		
4149	1979	05	05	18	06	29.8	19.34	68.70	83.0		
2279	1969	11	15	17	58	36.9	19.35	70.54	53.0	4.6	
3572	1975	09	30	12	15	8.6	19.35	69.31	133.0	3.9	
2405	1970	06	14	09	38	2.1	19.36	69.22	125.0	5.0	
4932	1982	08	29	00	59	20.7	19.36	70.32	33.0N	5.1	4.5 Z
4354	1980	07	17	07	48	40.3	19.36	69.13	116.0D	4.7	
4329	1980	05	26	18	41	42.9	19.36	69.24	114.0D	6.1	6.1 ISC
4878	1982	07	06	05	15	22.1	19.36	69.52	113.9		
4482	1981	03	26	18	04	44.7	19.37	68.96	138.0D	5.8	5.9 ISC
4955	1982	10	03	13	52	2.8	19.37	69.57	118.2	4.1	
2051	1968	09	10	12	00	39.4	19.38	68.67	142.0	4.0 ISC	
3040	1973	06	10	16	34	36.2	19.38	69.45	115.6		
3898	1977	08	14	10	58	10.9	19.39	71.78	33.0N	5.1	
1680	1967	03	01	20	33	38.0	19.39	69.56	174.0	3.8	
3248	1974	05	03	23	20	19.5	19.40	68.73	144.0	4.4	
3055	1973	07	07	18	38	45.3	19.40	69.61	106.0	4.1	
1449	1966	03	17	10	59	2.6	19.40	70.50	50.0	4.3	
1525	1966	07	20	05	47	59.6	19.40	70.50	64.0	4.3	
1482	1966	05	20	06	41	5.5	19.40	69.80	98.0	3.8	
1569	1966	09	24	01	17	24.1	19.40	69.60	130.0	4.0	

## GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1763	1967	07	15	06	10	41.0	19.40	69.30	126.0	3.6	
5174	1983	12	23	06	45	31.2	19.40	69.29	120.4	4.8	
730	1961	02	06	10	30	3.5	19.40	69.20	120.0		
1040	1964	01	03	05	20	32.9	19.40	69.20	62.0	4.1	
1864	1967	12	30	19	14	39.1	19.40	69.10	82.0	3.9	
2412	1970	06	23	20	06	57.5	19.40	69.08	118.0D	5.3	
1318	1965	07	31	10	38	51.3	19.40	68.80	190.0	3.9	
3880	1977	06	30	02	46	3.8	19.40	69.53	106.0	5.4	
4158	1979	05	27	10	44	37.9	19.40	70.68	33.0A		
2692	1971	12	07	17	49	23.7	19.41	68.36	162.0	4.7	
2693	1971	12	08	03	38	39.7	19.41	68.41	99.0	4.2	
4984	1982	10	26	20	19	25.7	19.41	71.14	33.0A		
1930	1968	06	12	13	18	35.0	19.41	69.49	121.0	4.1	
4456	1981	02	02	07	54	26.8	19.42	69.45	33.0A		
4146	1979	05	01	20	36	10.8	19.42	69.13	103.0D	5.2	
3124	1973	10	19	10	11	16.3	19.42	69.87	67.0D	5.4	
3865	1977	05	31	15	30	31.5	19.43	69.29	33.0A		
3568	1975	09	02	23	54	41.4	19.43	69.05	33.0A		
2896	1972	10	18	08	02	40.4	19.44	69.84	95.1		
4150	1979	05	07	03	09	33.5	19.45	69.25	103.3		
3928	1977	10	21	09	22	46.5	19.46	69.41	105.0		
2931	1972	12	18	21	07	38.6	19.47	69.07	130.0	4.6	
3456	1975	01	10	04	53	30.3	19.48	69.46	116.0D	4.5	
2049	1968	09	09	08	22	13.5	19.48	69.76	118.0	4.3	
3626	1976	02	27	03	36	13.6	19.48	69.07	103.0D	5.5	
2661	1971	09	27	12	44	25.6	19.49	69.05	91.0	4.6	
4427	1980	12	14	08	42	55.2	19.49	71.14	33.0A		
3020	1973	05	08	21	40	55.9	19.50	71.22	11.0	4.3	
4717	1981	11	21	23	51	55.8	19.50	69.58	33.0A		
4207	1979	08	21	01	52	31.5	19.50	69.93	33.0A		
117	1934	05	11	17	13	8.0	19.50	71.00			5.6 PAS
289	1945	04	14	06	57	38.0	19.50	70.00			
511	1955	12	12	02	32	58.0	19.50	70.00			
809	1961	11	14	13	11	14.1	19.50	69.60	121.0		
120	1934	12	04	17	24	38.0	19.50	69.50	130.0		6.9 PAS
798	1961	10	02	21	28	11.5	19.50	69.50	100.0		
1198	1964	12	03	17	10	59.0	19.50	69.20	180.0	4.2	
479	1954	11	23	15	52	29.0	19.50	69.00			
607	1958	11	05	08	00	11.0	19.50	69.00	150.0		
1301	1965	07	08	11	44	47.9	19.50	68.60	219.0	4.0	
590	1958	05	30	21	14	12.0	19.50	68.50			
682	1960	05	28	08	19	4.0	19.50	68.50	150.0		
4702	1981	11	03	09	19	32.3	19.50	69.26	120.5		

## EARTHQUAKE CATALOG OF PERU

III-131

GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5014	1982	12	05	16	33	32.6	19.50	69.33	131.7		
3749	1976	11	08	00	14	17.3	19.51	69.12	90.9		
2863	1972	08	31	02	52	18.8	19.54	70.56	0.0A		
4055	1978	09	25	08	56	42.4	19.54	68.48	90.0	4.9	
4396	1980	10	27	09	41	30.4	19.55	70.33	73.0	4.8	
3018	1973	05	08	15	54	47.6	19.56	71.22	33.0N	4.4	
3710	1976	08	22	12	22	5.8	19.56	70.54	33.0A		
3450	1974	12	25	04	02	20.7	19.56	69.67	82.9	4.2	
3250	1974	05	12	10	05	55.4	19.56	69.05	112.0D	5.8	
4922	1982	08	20	15	32	3.3	19.56	70.15	33.0A		
4743	1981	12	13	18	34	19.7	19.56	69.71	33.0A		
4333	1980	06	01	16	07	11.7	19.57	70.07	118.0		
4924	1982	08	22	16	14	59.8	19.57	69.35	165.3		
3978	1978	03	20	07	36	28.1	19.57	69.70	108.0		
3019	1973	05	08	19	34	31.3	19.58	71.11	35.0	4.4	
5273	1984	12	14	17	04	29.6	19.59	69.62	171.9		
2847	1972	08	11	15	00	5.9	19.60	70.35	93.1		
1767	1967	07	20	12	07	58.0	19.60	71.30	33.0	4.2	
1792	1967	08	23	02	40	23.3	19.60	71.10	37.0	4.2	
1330	1965	08	22	03	30	11.9	19.60	71.00	30.0	4.1	
1790	1967	08	22	10	27	52.8	19.60	71.00	40.0	4.0	
1435	1966	02	20	08	17	29.8	19.60	69.90	88.0	3.7	
747	1961	04	19	11	03	55.4	19.60	69.70	106.0		
1446	1966	03	11	01	48	35.1	19.60	69.30	111.0	5.4	4.9 BRK
1324	1965	08	08	06	32	28.2	19.60	68.70	53.0	5.4	
1879	1968	02	04	11	27	24.8	19.60	68.20	114.0	5.3	
2451	1970	09	09	11	53	13.9	19.60	70.11	49.0	5.0	
2070	1968	10	24	01	29	42.6	19.61	68.93	107.0D	5.3	
3585	1975	10	29	03	56	40.4	19.62	68.95	105.0	4.5	
5188	1984	02	05	15	41	10.0	19.62	69.59	149.9		
2887	1972	10	03	04	48	33.8	19.62	69.63	111.5A		
3709	1976	08	21	03	26	54.7	19.62	69.28	114.0	4.6	GS
2981	1973	03	17	12	44	32.3	19.64	68.84	115.0D	4.6	
5223	1984	05	25	08	10	41.3	19.64	69.12	136.0	4.8	
3858	1977	05	26	11	14	49.2	19.64	69.32	135.5		
3331	1974	09	20	04	48	33.8	19.64	69.07	91.0	4.6	
2478	1970	11	16	03	04	56.8	19.65	69.52	118.0	4.2	ISC
4385	1980	09	26	09	02	26.4	19.65	69.43	115.0	4.5	
3673	1976	06	01	04	43	25.0	19.66	70.00	158.2		
3451	1974	12	25	18	01	19.9	19.67	69.75	84.0	4.2	
3753	1976	11	17	18	37	46.4	19.67	69.15	105.0D	4.9	
3566	1975	08	28	10	18	20.0	19.70	68.75	179.2	4.2	GS
4039	1978	07	30	18	18	6.3	19.70	70.00	33.0A		

## GRID NO. 20

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1791	1967	08	23	00	09	26.0	19.70	71.00	29.0	4.6	
1425	1966	02	03	07	22	9.0	19.70	70.90	44.0	4.2	
1576	1966	10	10	20	28	33.2	19.70	70.80	36.0	4.4	
1788	1967	08	22	08	55	54.6	19.70	70.70	46.0	4.8	
1074	1964	03	06	21	05	50.2	19.70	70.50	50.0	5.3	
1797	1967	08	29	16	45	1.3	19.70	70.50	33.0	4.2	
1803	1967	09	12	10	16	49.2	19.70	69.90	125.0	4.5	
1450	1966	03	22	18	59	0.7	19.70	69.50	99.0	3.7	
1570	1966	09	25	05	57	26.2	19.70	69.50	125.0	5.1	
1402	1965	12	27	11	55	11.2	19.70	69.40	111.0	4.7	
1622	1966	11	07	07	00	4.2	19.70	69.40	128.0	4.1	
1505	1966	06	08	23	11	19.3	19.70	69.30	122.0	4.1	
1556	1966	09	04	00	31	15.2	19.70	69.30	111.0	4.2	
1184	1964	11	04	02	11	24.9	19.70	69.20	102.0	5.2	
1653	1966	12	21	10	50	3.3	19.70	69.20	125.0	4.2	
1050	1964	01	21	12	35	0.1	19.70	69.10	161.0	4.1	
1862	1967	12	27	06	40	23.0	19.70	69.10	125.0	4.4	ISC
828	1962	02	28	18	32	12.6	19.70	68.80	143.0		
1170	1964	10	01	08	46	36.9	19.70	68.80	138.0	4.4	
1574	1966	10	08	10	32	32.0	19.70	68.80	144.0	4.1	
1225	1965	01	16	20	28	8.1	19.70	68.70	236.0	4.1	
1209	1964	12	23	11	11	50.9	19.70	68.50	163.0	4.3	
3108	1973	09	26	17	43	37.4	19.71	69.65	84.1		
3781	1977	02	07	05	18	32.3	19.71	68.88	116.5	4.8	GS
4392	1980	10	16	09	16	54.4	19.71	69.00	33.0A	4.8	
2453	1970	09	15	09	31	44.1	19.72	68.64	143.0	4.1	ISC
5020	1982	12	11	18	27	43.5	19.72	69.42	120.4	5.0	
4665	1981	09	25	01	34	30.7	19.72	69.34	121.0D	4.6	
2332	1970	03	19	06	36	28.8	19.72	69.19	125.0	3.9	
4125	1979	03	05	06	38	49.9	19.73	70.86	341.5		
4331	1980	05	26	23	54	11.6	19.74	69.24	33.0A		
2683	1971	11	04	22	48	15.3	19.74	69.11	91.0	3.8	
1811	1967	09	29	02	48	21.2	19.74	68.99	124.0	4.1	ISC
4082	1978	12	20	22	20	0.5	19.74	69.99	33.0N		
311	1946	07	26	06	44	45.0	19.75	70.50	70.0		6.8 PAS
327	1949	04	25	13	54	59.0	19.75	69.00	110.0		7.3 PAS
4317	1980	04	22	02	39	9.3	19.75	70.58	64.0	4.7	
4638	1981	08	21	23	03	25.7	19.76	71.51	33.0A		
4681	1981	10	11	23	50	6.0	19.76	71.39	33.0A		
2855	1972	08	19	18	04	54.2	19.76	71.75	0.0A		
4330	1980	05	26	21	20	31.1	19.77	69.44	128.0	4.4	
2165	1969	05	03	04	13	12.5	19.77	69.04	144.0	4.0	
2734	1972	03	31	21	13	45.7	19.77	69.20	118.4	4.5	

## EARTHQUAKE CATALOG OF PERU

III-133

GRID NO. 20

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	<i>(deg)</i>	<i>(deg)</i>	<i>(km)</i>	<i>mb</i>	<i>Ms</i>
1933	1968 06 18	11 35 15.9	19.77	69.66	230.0G	4.7	
4453	1981 02 01	08 09 36.6	19.77	69.51	102.6		
3253	1974 05 16	03 38 50.5	19.77	69.20	122.6		
2816	1972 07 04	06 24 4.6	19.77	68.86	99.0	3.5	
4981	1982 10 23	15 37 6.8	19.78	69.58	147.7	4.7	
2055	1968 09 15	10 14 10.0	19.78	69.54	111.0	4.2	
5035	1982 12 30	13 05 47.6	19.79	69.48	113.6	4.7	
2937	1972 12 24	06 40 29.5	19.79	69.58	108.9		
3478	1975 02 26	20 14 59.6	19.80	69.27	82.0	5.7	
3603	1975 12 12	08 56 13.2	19.80	69.13	99.0	4.3	
1646	1966 12 10	20 23 21.0	19.80	71.30	8.0	4.4	
1582	1966 10 15	06 25 37.4	19.80	71.10	33.0	4.3	
1578	1966 10 11	03 30 32.5	19.80	71.00	6.0	4.2	
1583	1966 10 16	06 48 37.4	19.80	71.00	27.0	5.0	
1054	1964 01 30	02 33 58.0	19.80	69.80	33.0	4.2 ISC	
1656	1966 12 26	10 17 14.0	19.80	69.80	56.0	4.3 ISC	
1267	1965 05 02	05 47 43.9	19.80	69.50	117.0	5.5	
1468	1966 04 27	15 09 10.5	19.80	69.30	125.0	3.9	
1495	1966 06 04	18 07 1.3	19.80	69.00	99.0	4.8	
1535	1966 08 02	01 06 20.4	19.80	69.00	157.0	4.0	
1060	1964 02 14	14 35 21.9	19.80	68.00	279.0	4.3	
2767	1972 05 09	08 24 43.9	19.80	69.20	0.0A		
4198	1979 07 31	05 07 27.9	19.80	69.25	170.8		
3751	1976 11 15	23 46 5.8	19.81	71.38	33.0A		
4771	1982 01 26	06 46 44.6	19.81	69.71	106.9	4.6	
4148	1979 05 03	19 30 34.7	19.81	70.40	42.0	5.2	4.0 ISC
3685	1976 06 20	21 33 27.1	19.82	69.43	133.0		
1668	1967 02 04	05 42 49.6	19.82	69.25	118.0	4.3	
4669	1981 10 03	08 42 8.9	19.83	69.89	33.0A		
1923	1968 05 25	04 00 24.0	19.84	68.50	201.0	4.0	
2137	1969 03 05	00 57 55.1	19.84	69.10	240.0	4.0 ISC	
5116	1983 07 08	02 03 12.7	19.85	70.59	33.8	5.4	
2897	1972 10 21	08 27 46.6	19.85	69.20	121.0	3.6	
4767	1982 01 14	08 08 7.5	19.85	69.28	108.2	4.6	
3512	1975 05 07	10 59 53.4	19.85	68.43	154.0	4.1	
2628	1971 06 28	19 44 12.3	19.86	70.09	47.0D	5.2	
3154	1973 11 23	17 26 19.2	19.86	68.39	267.5		
2809	1972 06 29	08 02 36.6	19.86	70.59	67.6	4.2	
4698	1981 11 01	05 35 0.4	19.87	70.95	33.0A	4.5	
3737	1976 10 15	01 29 46.8	19.87	70.47	33.0A		
5071	1983 04 01	02 35 45.0	19.87	68.79	94.8	5.0	
3715	1976 08 31	02 49 46.1	19.87	71.07	52.0		
2288	1969 12 11	22 33 9.1	19.88	70.24	60.0	4.3	

## GRID NO. 20

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3227	1974	03	30	02 15 15.7	19.88	68.86	78.0	4.8	
4812	1982	03	22	21 44 9.3	19.88	68.74	126.0D	5.1	
2232	1969	08	30	06 11 17.9	19.88	70.44	21.0	4.3	
3877	1977	06	25	13 25 27.9	19.89	68.46	162.8		
2169	1969	05	18	08 28 14.0	19.90	69.18	124.0	4.3	
1618	1966	10	31	02 59 3.2	19.90	71.20	26.0	4.2	
1577	1966	10	10	21 06 50.5	19.90	71.10	33.0	4.2	
1585	1966	10	16	22 19 17.8	19.90	71.00	33.0	3.8	
2783	1972	05	26	00 09 56.9	19.90	70.66	0.0A		
1190	1964	11	21	11 57 0.3	19.90	70.40	118.0	4.4	
1915	1968	05	01	02 15 28.0	19.90	70.40	33.0	4.1	ISC
702	1960	10	01	09 28 56.3	19.90	69.60	158.0		
1546	1968	08	24	07 17 17.6	19.90	69.10	100.0	5.5	4.9 BRK
1464	1966	04	11	06 46 7.5	19.90	68.60	85.0	4.6	
815	1961	12	23	21 18 12.5	19.90	68.30	215.0		
4697	1981	10	31	15 21 37.8	19.92	71.21	33.0N	4.7	
3557	1975	08	10	13 57 44.6	19.92	68.90	91.0	4.7	
3431	1974	11	26	04 46 47.6	19.93	68.51	174.0	5.1	
3760	1976	11	30	17 08 40.9	19.95	69.21	69.0	5.5	
2993	1973	04	04	08 45 12.3	19.95	68.99	122.0	4.6	
4723	1981	11	25	15 35 52.1	19.95	70.82	33.0A		
3583	1975	10	21	23 52 17.0	19.96	69.59	64.0	3.9	
3333	1974	09	23	12 52 14.5	19.97	71.76	0.0A		
2928	1972	12	12	03 25 50.8	19.98	68.52	143.0		
2844	1972	08	04	14 51 49.7	19.98	69.52	0.0A		
5078	1983	04	13	09 08 44.3	19.98	69.04	104.5	4.1	
3042	1973	06	13	15 48 2.8	19.99	70.17	0.0A		
3937	1977	11	12	13 50 29.2	19.99	68.94	104.0		
3317	1974	08	21	23 59 2.0	19.99	71.14	60.0D	5.1	
3624	1976	02	11	18 31 39.0	19.99	69.66	33.0N		
3041	1973	06	11	06 07 40.6	20.00	70.10	65.0D	4.8	
5158	1983	11	14	21 27 57.8	20.00	68.93	143.1		
3678	1976	06	11	00 55 59.0	20.00	71.11	32.0	4.7	
88	1932	06	18	00 13 39.0	20.00	71.00	70.0		6.3 PAS
95	1933	02	23	08 09 12.0	20.00	71.00	40.0		7.6 PAS
134	1936	12	05	00 37 58.0	20.00	70.50	100.0		6.0 PAS
1192	1964	11	23	10 26 41.0	20.00	70.30	129.0	4.4	ISC
1834	1967	11	08	10 47 45.3	20.00	70.30	60.0	4.6	
116	1933	12	31	21 39 42.0	20.00	70.20			
376	1950	12	27	04 34 7.0	20.00	70.00	100.0		
531	1956	07	20	07 39 10.0	20.00	70.00			
599	1958	08	06	02 49 12.0	20.00	70.00			
1149	1964	07	21	07 33 19.6	20.00	69.80	84.0	4.5	

## EARTHQUAKE CATALOG OF PERU

III-135

GRID NO. 20

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
262	1943	03	14	18 37 58.0	20.00	69.50	150.0		7.2 PAS
470	1954	08	01	06 00 48.0	20.00	69.50	100.0		
485	1955	01	11	00 35 58.0	20.00	69.50			
523	1956	03	15	20 16 30.0	20.00	69.50			
571	1958	01	13	09 39 58.0	20.00	69.50			
572	1958	01	13	13 09 40.0	20.00	69.50			4.4
1565	1966	09	15	19 17 35.4	20.00	69.10	131.0		
202	1940	10	27	10 36 12.0	20.00	69.00			
537	1956	09	15	07 39 4.0	20.00	69.00	100.0		
545	1957	01	03	02 42 0.0	20.00	69.00	100.0		
546	1957	01	14	05 36 3.0	20.00	69.00	200.0		5.3 BRK
1445	1966	03	08	20 46 11.4	20.00	68.90	112.0	5.7	
2348	1970	05	07	15 54 26.3	20.00	68.70	115.0	4.8 ISC	
478	1954	11	15	04 53 39.0	20.00	68.50			
605	1958	10	14	23 22 54.0	20.00	68.50	300.0		
677	1960	04	06	02 05 6.0	20.00	68.50			6.5 PAS
751	1961	05	06	03 55 23.3	20.00	68.50	247.0		
11	1920	08	13	02 03 0.0	20.00	68.00	150.0		
562	1957	09	06	00 17 55.0	20.00	68.00	100.0		
585	1958	05	13	13 38 40.0	20.00	68.00			
624	1959	03	04	10 56 42.0	20.00	68.00			
634	1959	05	14	19 59 0.0	20.00	68.00	200.0		
657	1959	09	12	01 41 3.0	20.00	68.00	150.0		
874	1962	09	29	05 21 49.6	20.00	68.00	26.0		



**TABLE IV.**

Listing of instrumentally located earthquakes which occurred from 1900 through 1984 by depth-of-focus. The table lists events by depth in the following depth categories: 0 to 33 km, greater than 33 to 100 km, greater than 100 to 300 km and greater than 300 km.

**TABLA IV.**

Listado por profundidad focal de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984. La tabla presenta los eventos por profundidad en las categorías siguientes: 0 a 33 km, entre 33 y 100 km, entre 100 y 300 km y mayor que 300 km.

## EARTHQUAKE CATALOG OF PERU

## IV-1

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1076	1964	03	07	20	53	28.0	9.20	78.00	0.0	4.2 ISC	
2719	1972	03	09	22	52	15.9	8.01	74.00	0.0A	4.8	
2723	1972	03	17	11	06	10.2	18.51	71.36	0.0A		
2726	1972	03	20	13	33	3.6	6.70	76.99	0.0A		
2728	1972	03	20	19	09	49.1	6.94	77.94	0.0A		
2739	1972	04	04	14	37	30.8	7.16	73.90	0.0A		
2742	1972	04	05	23	17	43.1	14.78	76.84	0.0A		
2743	1972	04	06	02	13	4.8	5.18	82.14	0.0A		
2747	1972	04	10	23	46	36.7	16.14	75.61	0.0A		
2748	1972	04	11	00	10	28.0	16.12	75.91	0.0A		
2750	1972	04	12	01	43	54.7	16.05	75.78	0.0A		
2751	1972	04	12	11	06	32.4	17.50	74.15	0.0A		
2752	1972	04	13	06	38	11.8	1.30	81.43	0.0A		
2754	1972	04	17	22	38	29.0	18.18	72.02	0.0A		
2756	1972	04	21	18	31	58.5	5.76	81.74	0.0A		
2757	1972	04	23	01	28	49.3	2.69	79.62	0.0A		
2758	1972	04	24	08	13	25.1	11.09	72.89	0.0A		
2759	1972	04	24	21	55	21.0	6.06	81.07	0.0A		
2762	1972	04	28	14	01	16.6	17.08	75.22	0.0A		
2763	1972	04	29	13	06	55.4	17.53	71.20	0.0A		
2764	1972	05	01	23	03	17.4	3.05	81.97	0.0A		
2766	1972	05	08	12	21	20.5	0.36	76.28	0.0A		
2767	1972	05	09	08	24	43.9	19.80	69.20	0.0A		
2772	1972	05	15	06	40	54.8	14.43	76.28	0.0A		
2773	1972	05	20	09	42	33.6	18.65	73.56	0.0A		
2774	1972	05	20	22	24	55.0	9.52	79.07	0.0A		
2776	1972	05	21	03	26	16.3	13.35	77.23	0.0A		
2778	1972	05	23	00	23	34.2	15.70	76.17	0.0A		
2783	1972	05	26	00	09	56.9	19.90	70.66	0.0A		
2784	1972	05	28	06	05	29.9	1.92	79.64	0.0A		
2787	1972	06	01	01	50	42.1	13.44	77.01	0.0A		
2789	1972	06	03	03	13	6.6	13.31	77.04	0.0A		
2791	1972	06	07	09	36	13.1	16.59	74.83	0.0A		
2793	1972	06	08	02	03	57.2	9.54	75.75	0.0A		
2797	1972	06	10	19	30	33.4	10.37	75.40	0.0A		
2798	1972	06	11	15	02	8.8	16.40	74.76	0.0A		
2799	1972	06	12	16	04	22.5	10.90	73.65	0.0A		
2802	1972	06	16	12	56	58.3	13.87	69.21	0.0A	4.6	
2801	1972	06	16	12	56	24.3	14.91	69.99	0.0A		
2806	1972	06	24	06	35	39.3	5.45	78.22	0.0A		
2808	1972	06	25	17	16	29.2	3.69	81.08	0.0A		
2811	1972	07	01	14	12	37.6	1.95	79.22	0.0A	4.5	
2812	1972	07	02	16	46	43.0	12.99	72.26	0.0A		

## IV-2

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2821	1972	07	09	05 43 46.1	15.26	75.75	0.0A		
2823	1972	07	12	02 32 25.4	7.67	74.10	0.0A		
2828	1972	07	17	05 06 51.8	14.76	78.56	0.0A		
2831	1972	07	17	10 03 28.7	14.87	78.72	0.0A		
2832	1972	07	18	08 54 19.9	15.04	78.76	0.0A		
2836	1972	07	19	20 30 39.0	16.85	74.21	0.0A		
2838	1972	07	24	23 21 25.1	15.87	74.89	0.0A		
2839	1972	07	27	03 31 36.1	12.77	71.92	0.0A		
2843	1972	07	31	01 27 37.1	17.86	74.14	0.0A		
2844	1972	08	04	14 51 49.7	19.98	69.52	0.0A		
2845	1972	08	05	20 21 47.1	17.51	71.07	0.0A		
2849	1972	08	15	02 41 20.0	14.92	76.68	0.0A	4.3	
2851	1972	08	16	18 42 15.8	13.97	77.14	0.0A		
2853	1972	08	18	12 42 8.5	7.07	74.29	0.0A		
2854	1972	08	19	14 04 1.3	9.54	75.60	0.0A		
2855	1972	08	19	18 04 54.2	19.76	71.75	0.0A		
2858	1972	08	23	04 57 17.5	9.61	75.58	0.0A		
2859	1972	08	23	10 28 0.9	18.48	70.08	0.0A		
2860	1972	08	26	12 30 26.9	7.73	78.98	0.0A		
2862	1972	08	30	06 14 5.1	10.44	75.66	0.0A		
2863	1972	08	31	02 52 18.8	19.54	70.56	0.0A		
2868	1972	09	05	19 12 51.9	9.07	72.48	0.0A	5.2	
2871	1972	09	08	14 57 21.8	9.03	79.09	0.0A		
2873	1972	09	18	16 03 29.3	18.47	73.51	0.0A		
2884	1972	09	29	13 41 48.3	9.88	73.62	0.0A		
2889	1972	10	09	01 19 32.7	15.94	75.97	0.0A		
2892	1972	10	12	04 40 30.9	1.14	79.13	0.0A	4.5	
2894	1972	10	14	06 13 16.4	7.69	74.03	0.0A		
2900	1972	10	25	08 28 23.1	4.98	82.76	0.0A		
2906	1972	11	03	07 56 26.5	13.92	69.68	0.0A		
2908	1972	11	04	12 58 10.1	7.56	73.17	0.0A		
2910	1972	11	08	06 08 41.4	19.95	73.17	0.0A		
2912	1972	11	11	17 26 19.2	7.65	78.36	0.0A		
2914	1972	11	22	20 01 29.4	13.28	69.77	0.0A		
2915	1972	11	23	06 46 13.7	18.00	73.83	0.0A		
2916	1972	11	29	00 45 47.7	9.73	75.58	0.0A		
2918	1972	11	29	18 44 39.0	18.04	74.60	0.0A		
2921	1972	12	02	16 21 32.9	10.30	74.30	0.0A		
2923	1972	12	03	18 19 57.8	17.06	75.17	0.0A		
2924	1972	12	04	20 44 42.7	9.13	74.29	0.0A		
2925	1972	12	08	00 24 46.4	15.86	75.96	0.0A		
2927	1972	12	10	21 12 58.2	2.95	78.94	0.0A		
2929	1972	12	12	12 40 33.2	19.32	70.28	0.0A		

## EARTHQUAKE CATALOG OF PERU

## IV-3

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2930	1972	12	17	02	29	55.7	8.80	75.48	0.0A	4.3	
2933	1972	12	20	10	14	23.4	12.63	72.60	0.0A		
2936	1972	12	22	01	53	50.0	18.34	71.63	0.0A		
2938	1972	12	25	19	39	8.3	13.73	71.50	0.0A		
2940	1972	12	26	17	51	15.5	6.70	73.44	0.0A		
2964	1973	03	01	20	04	44.4	9.93	74.92	0.0A		
2965	1973	03	01	20	44	25.6	5.63	78.72	0.0A		
2973	1973	03	08	13	15	2.2	2.42	78.61	0.0A		
2976	1973	03	12	11	30	7.9	19.63	72.22	0.0A		
2977	1973	03	12	18	39	46.2	18.66	70.90	0.0A		
2978	1973	03	14	06	07	50.4	11.63	74.18	0.0A		
2979	1973	03	15	09	50	7.0	10.10	79.24	0.0A		
2983	1973	03	19	04	39	56.8	4.04	81.48	0.0A		
2985	1973	03	21	13	40	56.4	9.91	79.19	0.0A		
2989	1973	03	29	04	01	52.1	16.55	75.58	0.0A		
2990	1973	03	29	10	20	35.4	17.24	75.15	0.0A		
2991	1973	03	31	09	02	11.3	15.43	76.50	0.0A		
2992	1973	03	31	16	09	29.0	11.66	76.51	0.0A		
2997	1973	04	10	23	04	11.4	8.05	78.65	0.0A		
3000	1973	04	13	22	21	16.2	14.35	76.85	0.0A		
3006	1973	04	23	00	00	33.3	6.82	73.89	0.0A		
3010	1973	04	28	10	18	38.7	2.90	77.88	0.0A		
3023	1973	05	11	00	44	12.1	9.79	79.43	0.0A		
3034	1973	06	06	04	32	29.4	16.81	71.90	0.0A		
3035	1973	06	06	08	40	28.1	1.11	76.07	0.0A		
3039	1973	06	10	05	05	3.5	8.69	79.92	0.0A		
3042	1973	06	13	15	48	2.8	19.99	70.17	0.0A		
3043	1973	06	14	02	37	45.0	8.50	72.92	0.0A		
3044	1973	06	21	06	44	24.3	15.07	76.65	0.0A		
3045	1973	06	21	11	12	35.5	14.09	74.84	0.0A		
3047	1973	06	23	12	11	25.5	15.56	76.37	0.0A		
3048	1973	06	26	02	31	20.5	3.91	78.98	0.0A		
3049	1973	06	26	04	02	59.3	11.74	78.22	0.0A		
3050	1973	06	30	23	21	6.0	8.97	82.55	0.0A		
3051	1973	07	02	02	06	44.1	18.75	72.04	0.0A		
3052	1973	07	02	06	05	35.8	10.53	75.03	0.0A		
3054	1973	07	07	17	22	35.4	12.16	73.74	0.0A		
3059	1973	07	14	01	57	23.8	1.57	80.76	0.0A		
3061	1973	07	17	10	18	54.5	9.30	74.23	0.0A		
3063	1973	07	19	13	55	38.0	10.85	79.18	0.0A		
3066	1973	07	24	09	11	15.0	16.46	70.38	0.0A		
3067	1973	07	25	02	35	52.4	13.77	69.81	0.0A		
3068	1973	07	25	16	10	44.6	7.02	83.43	0.0A		

## IV-4

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3069	1973	07	25	18	51	21.0	15.60	71.82	0.0A		
3070	1973	07	27	00	35	2.8	16.35	70.35	0.0A		
3072	1973	07	28	11	18	50.1	17.89	70.60	0.0A		
3073	1973	07	28	11	38	19.3	17.50	70.54	0.0A		
3077	1973	07	30	09	57	44.1	17.71	70.54	0.0A		
3085	1973	08	07	02	52	35.5	7.23	76.36	0.0A		
3087	1973	08	07	09	49	10.4	10.12	78.99	0.0A		
3090	1973	08	17	09	31	55.5	13.77	70.22	0.0A		
3091	1973	08	19	00	33	21.9	19.14	73.50	0.0A		
3094	1973	08	27	05	24	8.7	8.29	76.91	0.0A		
3095	1973	08	29	05	40	8.9	17.53	75.73	0.0A		
3096	1973	09	01	01	03	19.1	15.84	72.11	0.0A		
3097	1973	09	06	01	08	25.4	13.78	70.37	0.0A		
3098	1973	09	06	12	03	12.1	13.55	79.30	0.0A		
3099	1973	09	07	08	18	47.0	15.86	75.99	0.0A		
3101	1973	09	10	03	32	8.9	7.80	73.84	0.0A		
3102	1973	09	14	09	54	35.6	19.28	71.73	0.0A		
3103	1973	09	15	05	32	26.4	17.22	74.73	0.0A		
3104	1973	09	16	04	34	8.6	5.43	76.81	0.0A		
3111	1973	10	02	10	15	9.6	12.02	75.11	0.0A		
3112	1973	10	03	22	18	4.9	17.33	71.04	0.0A		
3120	1973	10	16	02	41	20.6	3.51	77.43	0.0A		
3121	1973	10	17	17	15	23.3	15.52	76.36	0.0A		
3122	1973	10	19	03	11	46.4	15.96	76.58	0.0A		
3126	1973	10	20	17	19	39.5	16.58	74.60	0.0A		
3133	1973	10	31	06	13	6.8	13.89	71.38	0.0A		
3134	1973	10	31	08	32	27.3	14.96	75.18	0.0A		
3140	1973	11	06	18	20	16.6	9.69	79.19	0.0A		
3146	1973	11	11	05	18	58.0	15.71	69.06	0.0A		
3149	1973	11	14	12	17	18.4	11.94	74.81	0.0A		
3151	1973	11	20	19	12	58.0	17.42	74.84	0.0A		
3153	1973	11	22	07	23	45.2	3.31	80.24	0.0A		
3157	1973	11	26	10	05	24.8	8.96	75.05	0.0A		
3158	1973	11	29	05	29	35.0	5.61	76.06	0.0A		
3162	1973	12	04	21	58	25.1	11.85	78.34	0.0A		
3166	1973	12	22	17	44	42.6	9.40	78.53	0.0A		
3183	1974	01	21	02	10	10.2	9.54	80.20	0.0A		
3191	1974	02	01	13	26	53.0	16.71	75.88	0.0A		
3194	1974	02	03	06	45	14.5	0.15	75.57	0.0A	4.4	
3197	1974	02	06	09	31	40.6	10.73	74.83	0.0A		
3198	1974	02	06	11	43	56.6	16.54	75.27	0.0A		
3199	1974	02	06	20	06	6.3	18.33	69.45	0.0A		
3217	1974	03	13	00	39	57.0	15.56	71.58	0.0A		

## EARTHQUAKE CATALOG OF PERU

## IV-5

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3219	1974	03	15	11	26	1.4	15.49	72.13	0.0A	4.5	
3226	1974	03	28	23	30	37.9	3.75	76.00	0.0A		
3230	1974	04	02	23	26	37.4	9.79	73.89	0.0A		
3232	1974	04	09	07	26	36.6	11.95	75.24	0.0A		
3234	1974	04	11	09	59	44.1	8.38	77.77	0.0A	4.7	
3236	1974	04	13	14	00	43.0	13.46	76.01	0.0A		
3238	1974	04	17	02	01	32.9	13.66	71.94	0.0A		
3240	1974	04	18	09	19	1.4	19.74	72.21	0.0A		
3241	1974	04	18	23	37	55.0	13.85	76.78	0.0A		
3246	1974	05	02	12	40	2.8	17.77	74.07	0.0A		
3252	1974	05	13	22	26	1.0	1.75	80.69	0.0A		
3257	1974	05	23	23	35	55.8	3.97	79.05	0.0A		
3271	1974	06	10	14	20	38.1	8.93	81.17	0.0A		
3275	1974	06	16	00	01	14.4	3.22	78.84	0.0A		
3276	1974	06	19	18	56	15.6	16.69	71.91	0.0A		
3283	1974	06	28	20	01	51.2	18.52	69.82	0.0A		
3287	1974	07	02	21	37	25.5	16.81	75.95	0.0A		
3288	1974	07	03	09	33	45.5	12.76	78.57	0.0A		
3291	1974	07	06	19	30	43.5	10.07	73.29	0.0A		
3294	1974	07	14	19	08	58.1	9.85	79.14	0.0A		
3304	1974	07	28	15	53	21.5	16.00	76.29	0.0A		
3311	1974	08	14	20	11	14.4	14.97	76.81	0.0A		
3320	1974	08	31	12	01	10.6	14.78	77.11	0.0A		
3322	1974	09	02	23	16	37.0	17.74	74.34	0.0A		
3323	1974	09	03	11	15	56.4	14.94	71.86	0.0A		
3325	1974	09	07	18	24	19.2	10.43	75.52	0.0A		
3332	1974	09	23	02	29	14.2	13.12	70.43	0.0A		
3333	1974	09	23	12	52	14.5	19.97	71.76	0.0A		
3334	1974	09	23	17	08	50.0	18.84	70.53	0.0A		
3335	1974	09	26	23	50	4.1	17.52	69.21	0.0A		
3342	1974	10	03	17	46	2.2	11.24	75.20	0.0A		
3343	1974	10	03	17	51	7.6	12.43	77.07	0.0A	4.6	
3344	1974	10	03	18	37	8.4	12.67	77.69	0.0A		
3346	1974	10	03	19	16	54.8	12.93	79.06	0.0A		
3347	1974	10	03	20	36	31.5	12.75	78.17	0.0A		
3354	1974	10	04	01	41	47.0	12.74	77.44	0.0A		
3355	1974	10	04	01	55	5.3	12.42	78.32	0.0A		
3361	1974	10	04	23	54	44.5	12.82	77.97	0.0A		
3366	1974	10	05	22	24	27.0	12.06	77.37	0.0A		
3368	1974	10	08	13	43	47.3	11.82	77.63	0.0A		
3370	1974	10	06	18	57	55.2	11.96	77.29	0.0A		
3373	1974	10	07	16	11	39.9	12.35	77.48	0.0A		
3377	1974	10	09	02	12	8.3	13.00	77.13	0.0A		

## IV-6

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3381	1974	10	10	06	36	49.2	13.01	77.31	0.0A		
3391	1974	10	15	18	29	53.5	12.77	77.12	0.0A		
3393	1974	10	17	13	47	56.4	16.51	74.13	0.0A		
3397	1974	10	23	16	44	38.4	12.07	77.31	0.0A		
3398	1974	10	24	01	33	37.6	12.38	77.40	0.0A		
3400	1974	10	25	00	37	30.9	19.66	73.99	0.0A		
3405	1974	10	28	14	30	53.3	13.66	77.47	0.0A		
3408	1974	10	31	23	00	52.7	15.47	71.24	0.0A		
3413	1974	11	08	00	04	47.5	13.76	76.93	0.0A		
3425	1974	11	17	13	24	8.9	13.26	80.76	0.0A		
3427	1974	11	18	13	31	42.8	12.91	77.61	0.0A		
3433	1974	12	05	02	32	25.5	7.00	80.41	0.0A		
3437	1974	12	07	11	35	21.5	8.03	76.21	0.0A		
3438	1974	12	08	06	42	54.7	15.37	71.49	0.0A		
3439	1974	12	08	09	52	18.1	18.32	72.44	0.0A		
3441	1974	12	09	20	57	11.1	6.80	74.60	0.0A		
3446	1974	12	18	20	31	27.8	4.53	77.66	0.0A		
3453	1974	12	29	11	18	58.9	14.38	72.56	0.0A		
3468	1975	02	03	01	51	15.3	18.39	74.01	0.0A		
3473	1975	02	12	13	53	52.8	18.65	73.38	0.0A	4.5	
3480	1975	03	01	17	40	11.2	10.51	73.40	0.0A		
3486	1975	03	20	03	56	47.6	8.73	82.23	0.0A	4.6	
3487	1975	03	22	05	35	50.4	10.61	72.59	0.0A		
3488	1975	03	27	21	37	14.2	13.36	69.28	0.0A		
3491	1975	04	01	08	14	43.4	7.88	74.51	0.0A		
3495	1975	04	09	04	29	5.5	11.88	75.12	0.0A		
3499	1975	04	14	13	05	58.6	16.78	71.84	0.0A		
3502	1975	04	20	15	47	12.6	12.75	68.59	0.0A		
3503	1975	04	22	04	04	57.6	11.92	75.08	0.0A		
3507	1975	04	29	07	13	39.3	11.76	77.64	0.0A		
3508	1975	04	30	08	50	16.2	10.43	75.61	0.0A		
3509	1975	04	30	10	48	27.4	11.50	76.93	0.0A		
3514	1975	05	10	07	31	1.1	12.30	73.09	0.0A		
3516	1975	05	18	11	15	44.2	6.60	76.94	0.0A	4.3	
3517	1975	05	22	06	12	46.2	2.52	80.37	0.0A	4.1	
3529	1975	06	11	16	37	36.8	5.97	73.36	0.0A	4.6	
3537	1975	06	29	03	32	7.2	6.94	77.42	0.0A		
4050	1978	09	08	01	46	4.8	14.28	73.55	0.0A		
4336	1980	06	11	00	46	19.1	14.88	76.99	0.0A	4.8	
4347	1980	06	25	09	01	45.2	16.78	74.37	0.0A		
4434	1980	12	22	12	18	24.7	14.69	76.16	0.0A		
4492	1981	04	10	05	25	53.9	15.60	75.34	0.0A		
4500	1981	04	14	00	52	13.4	14.93	76.06	0.0A		

## EARTHQUAKE CATALOG OF PERU

## IV-7

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4524	1981	04	26	20	12	9.3	12.87	74.12	0.0A		
4635	1981	08	20	06	04	49.5	14.68	76.14	0.0A		
4710	1981	11	17	05	07	45.0	13.52	76.92	0.0A		
4751	1981	12	21	09	24	28.7	13.24	73.07	0.0A		
4752	1981	12	21	12	50	45.3	14.52	74.44	0.0A		
4766	1982	01	10	15	01	3.2	12.46	76.99	0.0A		
4798	1982	03	03	03	30	28.8	14.42	76.26	0.0A		
4806	1982	03	10	07	05	48.6	13.84	76.71	0.0A		
4821	1982	04	02	03	57	20.1	13.88	76.23	0.0A	5.1	3.5
4868	1982	06	12	03	22	51.7	14.55	76.08	0.0A		
4988	1982	11	07	23	45	4.3	18.30	71.94	0.0A		
4992	1982	11	13	17	17	19.4	12.13	76.66	0.0A		
2208	1969	07	24	02	59	21.0	11.85	75.13	1.0	5.9	5.7 H 5.6 BRK
2209	1969	07	24	04	32	36.8	11.80	75.17	1.0G	4.6	
2210	1969	07	24	06	33	7.8	11.86	75.06	1.0G	4.8	
2213	1969	08	01	02	22	39.4	11.78	75.15	1.0	4.7	
2215	1969	08	01	19	02	10.9	11.80	75.15	2.0	5.1	
2308	1970	01	24	12	53	37.8	10.69	77.60	2.0	4.7	
2252	1969	10	01	08	28	14.0	11.78	75.05	3.0	5.8	
2259	1969	10	06	00	37	59.6	11.74	75.10	3.0	5.1	
2248	1969	10	01	05	05	43.2	11.88	75.13	4.0	5.9	6.2 H 6.4 PAS
2260	1969	10	06	06	36	45.2	11.78	75.00	4.0	5.3	
3178	1974	01	14	15	52	47.3	8.57	77.55	4.0	5.2	4.4 H
3395	1974	10	21	07	15	7.1	1.12	78.64	4.0A	3.9	
1151	1964	08	02	08	14	5.7	17.30	69.80	5.0	4.2	
2092	1968	12	01	13	14	50.6	10.56	74.87	5.0	5.4	5.6 H
2250	1969	10	01	05	58	12.7	11.74	75.09	5.0G	5.7	
2251	1969	10	01	06	28	2.4	11.66	75.15	5.0G	5.1	
2253	1969	10	01	17	04	44.8	11.65	75.03	5.0G	5.1	
2254	1969	10	01	22	56	24.8	11.80	74.96	5.0G	5.5	5.1 H
2255	1969	10	02	00	30	57.4	11.93	75.10	5.0G	4.3	
2257	1969	10	04	21	08	18.8	11.78	75.08	5.0G	4.4	
2258	1969	10	04	21	57	51.7	11.61	74.95	5.0G	4.2	
2262	1969	10	07	23	07	21.2	11.74	75.32	5.0G	4.9	
2456	1970	09	29	05	59	7.1	11.84	75.04	5.0G	4.5	
3338	1974	10	02	02	54	59.7	5.91	81.09	5.0	5.7	5.6 H
1578	1966	10	11	03	30	32.5	19.80	71.00	6.0	4.2	
1840	1967	11	19	06	58	54.7	1.10	78.30	6.0	4.2	
2560	1971	01	09	05	25	27.3	15.67	70.96	6.0	4.7	
2939	1972	12	26	04	24	53.2	1.07	78.72	6.0	4.4	
3416	1974	11	09	12	59	49.8	12.50	77.79	6.0	6.0	7.2 H



## IV-8

0 km ≤ h ≤ 33 km

NO.	DATE yr mo dy	TIME hr mn sec	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
						mb	Ms
1428	1966 02 07	08 41 18.4	14.40	73.80	7.0	4.9	6.2 PAS
2059	1968 09 21	14 44 24.6	11.85	75.11	7.0	5.0	
2273	1969 10 31	22 37 53.7	11.91	75.07	7.0	4.5	
1646	1966 12 10	20 23 21.0	19.80	71.30	8.0	4.4	
923	1963 04 26	05 37 29.5	16.60	73.70	9.0		
926	1963 04 30	18 43 7.0	8.30	80.00	9.0	5.1	
1557	1966 09 04	05 37 49.9	17.90	74.00	9.0	5.0	
2301	1970 01 03	03 07 53.4	1.85	78.59	9.0	4.8	
3660	1976 05 16	03 03 3.8	11.55	74.35	9.0	4.7	
5067	1983 03 20	01 56 37.0	10.50	74.87	9.6	5.4	4.8 Z
925	1963 04 28	05 22 5.0	11.70	78.10	10.0	5.2	
1612	1968 10 27	00 16 51.7	15.50	76.10	10.0	4.1	
1819	1967 10 15	21 11 10.8	3.80	78.30	10.0	4.4	
3824	1977 04 30	20 31 47.7	14.98	75.61	10.0	5.3	
3857	1977 05 26	06 19 40.8	1.85	81.20	10.0	5.0	5.1 Z
4001	1978 04 29	08 36 44.0	11.47	77.44	10.0G		
4807	1982 03 11	20 13 4.8	17.05	72.00	10.0G	5.1	4.3 Z
3020	1973 05 08	21 40 55.9	19.50	71.22	11.0	4.3	
4322	1980 05 16	02 52 54.3	0.59	78.98	11.0	4.7	
5049	1983 02 16	13 57 24.0	12.36	78.07	11.6	5.0	
2753	1972 04 13	12 07 54.5	1.21	81.19	11.7	4.2	
1727	1967 05 21	08 28 49.5	16.54	75.57	12.0	4.4	
2270	1969 10 20	18 00 28.7	11.86	75.16	12.0	5.1	
2274	1969 11 02	11 47 6.2	5.31	81.71	12.0	4.5	
4018	1978 06 07	08 00 34.2	0.67	78.35	12.0	4.9	4.2 Z
1243	1965 03 06	04 43 7.1	1.20	78.40	13.0	4.3	
1249	1965 03 15	05 08 51.1	17.50	75.30	13.0	4.7	
1403	1965 12 28	22 04 51.7	3.20	77.10	13.0	5.5	
1443	1966 02 27	06 08 35.9	15.40	76.00	13.0	4.1	
2000	1968 06 27	12 16 52.0	11.42	74.62	13.0	4.6	
2834	1972 07 18	21 05 0.8	14.42	76.34	13.0	5.1	4.4 H 7.6 H 7.5 PAS
3339	1974 10 03	14 21 29.1	12.27	77.79	13.0	6.6	
1159	1964 08 19	14 00 37.8	6.90	75.50	14.0	4.4	
1725	1967 05 18	07 48 51.8	0.96	78.78	14.0	4.4	
1746	1967 06 22	20 53 55.4	2.40	77.80	14.0	4.1	
1830	1967 11 03	08 15 34.4	7.60	81.40	14.0	5.2	
1901	1968 04 07	13 16 31.6	11.20	79.30	14.0	4.5	
2264	1969 10 13	04 11 23.0	11.87	75.21	14.0	4.3	
2582	1971 03 19	14 27 53.6	12.12	75.15	14.0	4.8	
2852	1972 08 17	14 50 51.0	13.96	74.62	14.0	5.4	
3779	1977 01 26	15 16 9.4	12.15	78.01	14.0	5.1	

## EARTHQUAKE CATALOG OF PERU

## IV-9

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3794	1977	03	08	22	46	4.8	12.06	74.03	14.0	5.6	5.4 Z
4997	1982	11	19	04	27	13.8	10.60	74.70	14.0D	6.3	6.3 Z
											6.6 BRK
											6.3 PAS
767	1961	07	08	05	49	2.0	6.20	77.10	15.0		
1432	1966	02	10	10	43	30.6	16.70	73.90	15.0	4.8	
1506	1966	06	10	08	13	25.1	14.80	76.10	15.0	5.0	
1972	1968	06	21	12	28	54.0	5.49	77.19	15.0G	4.4	
2249	1969	10	01	05	25	59.3	11.82	75.10	15.0	5.3	
2654	1971	09	16	15	49	35.8	1.14	78.78	15.0	4.6	
2786	1972	06	01	00	54	21.8	6.61	76.51	15.0	4.7	
3548	1975	08	03	11	59	20.7	15.65	75.11	15.0	5.3	5.9 Z
3778	1977	01	23	09	11	21.4	11.65	74.19	15.0	4.8	
4261	1980	01	02	23	08	25.2	10.77	79.10	15.0	5.1	
5097	1983	05	21	19	27	56.5	10.59	74.80	15.0D	5.3	4.4 Z
3731	1976	10	06	10	45	23.1	0.84	79.06	15.2	4.7	GS
3952	1977	12	26	21	17	33.1	8.44	75.94	15.8		
796	1961	09	18	04	52	30.9	0.40	80.40	16.0		
1807	1967	09	25	04	00	39.5	15.80	75.10	16.0	4.4	
2124	1969	02	04	04	10	13.3	8.23	80.16	16.0	6.0	5.9 H
											6.5 PAS
2221	1969	08	08	07	47	27.3	1.09	78.68	16.0	4.6	
2471	1970	11	06	22	46	59.8	15.43	71.21	16.0	5.0	
2601	1971	05	13	10	40	46.0	1.34	78.28	16.0	4.7	
2795	1972	06	08	13	34	28.1	10.24	75.46	16.0	4.9	
3618	1976	01	24	03	36	12.5	4.07	81.92	16.0	5.1	
3663	1976	05	19	08	35	28.9	11.54	74.40	16.0	4.6	
4006	1978	05	15	00	02	17.1	10.27	75.47	16.0	4.5	
4536	1981	05	02	19	16	32.4	17.81	71.76	16.0	5.1	
868	1962	09	20	06	03	23.7	4.50	80.50	17.0		
1460	1966	04	03	09	17	26.2	10.20	79.60	17.0	4.6	
1768	1967	07	20	20	24	38.0	15.60	71.10	17.0	4.5	
4260	1980	01	02	22	30	24.2	10.71	79.15	17.0	5.3	6.3 ISC
4380	1980	09	20	04	42	25.9	12.56	77.45	17.0		
4857	1982	05	25	05	19	1.8	5.47	77.44	17.0D	4.9	
4593	1981	06	30	04	30	5.8	13.29	74.64	17.4	4.6	3.9 Z
1532	1966	07	31	22	18	24.0	15.90	75.80	18.0	4.5	
5098	1983	05	21	20	05	14.6	10.60	74.79	18.0D	5.1	4.3 Z
5099	1983	05	21	20	21	14.8	10.56	74.88	18.0D	4.8	
5186	1984	01	17	16	19	3.4	3.90	81.43	18.2	5.9	4.9 Z
1215	1965	01	06	16	30	36.9	0.80	81.50	19.0	4.6	
1289	1965	06	21	10	46	37.7	3.70	77.80	19.0	4.6	
1481	1966	05	19	17	37	19.1	17.60	71.90	19.0	4.3	

## IV-10

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1657	1966	12	26	20	29	42.3	10.80	79.00	19.0	4.6	
2292	1969	12	17	07	05	24.6	0.66	78.03	19.0	4.5	
2483	1970	11	23	16	59	49.4	11.80	75.22	19.0	4.9	
3003	1973	04	18	15	41	55.9	14.55	76.29	19.0D	4.9	
3367	1974	10	06	03	50	25.4	12.46	77.74	19.0	4.3	
3449	1974	12	24	00	54	0.5	12.86	77.96	19.0	4.7	
4549	1981	05	13	14	15	12.0	14.39	76.49	19.0		
997	1963	10	30	01	17	31.1	4.80	77.90	20.0	5.3	
1270	1965	05	08	22	22	36.9	13.50	71.40	20.0	4.3	
1275	1965	05	12	09	42	37.4	13.90	77.10	20.0	4.6	
1455	1966	03	28	17	42	44.2	4.00	80.80	20.0	5.5	5.0 BRK
2083	1968	11	19	07	18	56.2	5.36	77.31	20.0G	4.7	
2231	1969	08	28	08	33	29.7	7.99	80.39	20.0G	4.2	
2256	1969	10	04	00	26	34.9	11.94	75.11	20.0	4.7	
2345	1970	04	25	19	24	57.0	2.68	81.98	20.0	5.1	
2469	1970	10	30	09	19	8.1	9.54	75.59	20.0	4.8	
2690	1971	11	29	01	01	41.2	6.95	75.79	20.0	4.3	
4973	1982	10	18	12	04	44.0	12.82	75.35	20.5		
852	1962	07	08	05	29	12.0	2.60	78.00	21.0		
900	1963	01	17	04	22	19.3	10.70	79.00	21.0		
916	1963	03	30	16	11	46.0	6.30	80.80	21.0	3.9	
1053	1964	01	28	13	03	41.5	14.20	72.10	21.0	4.1	
1298	1965	07	02	02	28	13.0	7.60	76.90	21.0	4.4	
1437	1966	02	20	15	25	40.1	9.80	75.60	21.0	4.9	
1518	1966	06	30	10	49	52.4	6.80	76.80	21.0	4.8	
1647	1966	12	13	10	59	5.5	12.40	75.10	21.0	4.3	
2164	1969	05	03	04	09	30.6	5.58	77.23	21.0	4.3	
2232	1969	08	30	06	11	17.9	19.88	70.44	21.0	4.3	
3814	1977	03	30	18	53	36.8	5.24	78.52	21.0D	5.0	
4171	1979	06	08	05	33	8.1	17.95	73.15	21.2		
2998	1973	04	11	04	40	18.6	18.37	73.53	21.9		
724	1961	01	25	03	46	46.2	0.00	80.20	22.0		
913	1963	03	05	07	05	0.4	4.50	81.50	22.0	5.6	
1404	1965	12	29	04	08	23.9	3.20	77.30	22.0	4.7	
1740	1967	06	16	10	01	34.7	15.00	75.60	22.0	4.6	
1809	1967	09	26	01	35	4.1	17.50	73.30	22.0	4.5	
1968	1968	06	21	00	26	7.8	5.72	77.28	22.0	5.6	
2127	1969	02	14	00	40	31.3	8.35	80.06	22.0	4.8	5.2 H
2662	1971	09	27	21	14	35.4	15.13	75.28	22.0	4.6	
3207	1974	02	12	08	33	15.3	5.78	74.49	22.0D	4.6	
3505	1975	04	25	09	36	5.3	5.87	81.15	22.0D	5.1	5.0 H
3791	1977	03	04	17	50	18.5	12.29	74.10	22.0	5.2	
717	1960	12	24	23	18	27.9	3.70	78.00	23.0		

## EARTHQUAKE CATALOG OF PERU

## IV-11

0 km ≤ h ≤ 33 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
841	1982	04	19	02 18 55.9	9.80	78.90	23.0		
911	1963	03	04	15 43 2.2	4.50	81.60	23.0	5.3	
971	1963	08	29	15 30 31.4	7.10	81.60	23.0	6.1	
1174	1964	10	07	17 02 34.4	6.30	78.60	23.0	3.7	
1408	1966	01	01	09 00 0.5	16.90	72.30	23.0		
1504	1966	06	08	14 56 52.6	15.30	76.00	23.0	4.6	
1950	1968	06	19	12 42 17.0	5.62	77.09	23.0	4.4	
1985	1968	06	24	10 58 59.0	5.53	77.10	23.0	4.2	
2271	1969	10	22	10 21 52.1	18.09	71.54	23.0	5.4	
2540	1970	12	23	02 38 45.0	3.80	80.80	23.0	4.0 ISC	
3689	1976	06	26	12 26 58.1	17.64	72.53	23.0		
4096	1979	01	15	06 54 20.4	9.39	78.46	23.0	4.9	
4341	1980	06	16	10 40 46.0	15.76	75.48	23.0D	4.7	4.2 Z
5146	1983	10	16	00 07 44.5	10.93	74.78	23.1	4.4	
4561	1981	05	27	07 51 45.5	13.44	73.69	23.5	4.1 GS	
4577	1981	06	22	17 53 21.3	13.17	74.52	23.7	5.1	5.2 Z
745	1961	04	08	09 03 48.9	2.10	79.10	24.0		
1187	1964	11	18	00 11 55.8	10.30	75.90	24.0	4.3	
1587	1966	10	17	21 41 54.7	10.70	78.80	24.0	6.3	
2002	1968	06	30	02 09 47.0	5.36	77.15	24.0	4.1	
2567	1971	01	21	03 57 17.0	10.24	75.32	24.0	4.4	
2571	1971	01	27	23 22 54.9	4.30	75.23	24.0	4.8	
1	1901	01	07	00 29 0.0	2.00	82.00	25.0A		7.8 PAS
4	1913	08	06	22 14 24.0	17.00	74.00	25.0A		7.9 PAS
214	1942	05	14	02 13 18.0	0.75	81.50	25.0A		8.3 PAS
711	1960	11	27	01 40 24.1	7.70	81.50	25.0		
728	1961	02	02	09 42 15.4	2.80	77.80	25.0N		
733	1961	02	20	22 26 59.1	2.40	77.60	25.0N		
735	1961	03	09	11 35 42.2	14.20	75.10	25.0N		
742	1961	04	08	03 06 49.9	2.60	81.00	25.0N		
743	1961	04	08	04 22 8.7	2.20	79.20	25.0N		
744	1961	04	08	04 47 1.8	2.20	79.20	25.0N		
763	1961	06	28	02 06 10.2	11.50	74.00	25.0N		
802	1961	10	14	21 18 3.4	0.90	80.30	25.0N		
832	1962	03	12	16 57 46.8	2.90	80.20	25.0		
839	1962	04	07	02 10 2.2	6.30	79.90	25.0		
842	1962	04	19	20 18 20.5	9.40	79.00	25.0		
1458	1966	03	28	20 29 32.7	4.00	80.90	25.0	4.6	
1507	1966	06	10	14 13 42.3	14.40	75.40	25.0	4.5	
1589	1966	10	17	22 26 40.4	10.70	78.70	25.0	5.1	
1596	1966	10	18	04 42 55.3	11.30	78.50	25.0	4.4	
1599	1966	10	18	11 02 2.9	10.80	79.20	25.0	4.6	
1600	1966	10	18	12 52 12.8	10.90	79.20	25.0	4.7	

## IV-12

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1601	1966	10	19	00	51	4.3	10.80	79.00	25.0	4.5	
1970	1968	06	21	07	24	17.0	5.45	77.31	25.0	4.8	
1974	1968	06	22	04	02	19.5	5.74	77.07	25.0D	4.6	
2094	1968	12	04	11	44	1.9	10.99	74.80	25.0	4.8	
2335	1970	03	29	08	27	47.7	8.36	73.34	25.0G	4.5	
2487	1970	12	10	04	34	38.8	3.99	80.72	25.0D	6.3	7.6 H 7.1 BRK
2590	1971	04	16	23	59	37.3	9.79	75.61	25.0D	4.8	
2943	1973	01	13	07	47	27.8	0.46	77.96	25.0	4.4	
3268	1974	06	07	04	04	13.9	8.82	75.82	25.0	4.9	
3974	1978	03	06	07	25	59.0	10.27	75.54	25.0	4.8	
4214	1979	09	05	07	13	2.6	1.16	81.03	25.0A	4.3	
5058	1983	02	27	05	05	17.5	13.45	76.79	25.0D	5.5	4.7 Z
4320	1980	05	08	15	44	9.6	0.15	77.59	25.3		
4830	1982	04	16	18	05	7.9	17.04	73.10	25.3	5.0	4.9 Z
5161	1983	11	22	15	15	15.0	5.01	78.11	25.6	5.2	
874	1962	09	29	05	21	49.6	20.00	68.00	26.0		
1521	1966	07	06	00	05	53.2	15.50	75.60	26.0	5.0	
1552	1966	08	29	05	48	8.6	18.50	71.60	26.0	4.7	
1618	1966	10	31	02	59	3.2	19.90	71.20	26.0	4.2	
1636	1966	11	19	18	20	29.2	10.70	79.10	26.0	4.8	
1733	1967	06	07	11	39	49.1	1.00	78.70	26.0	4.4	
1940	1968	06	19	09	05	48.9	5.37	77.26	26.0	5.3	ISC
2041	1968	08	27	11	19	14.6	5.81	77.35	26.0	4.9	4.3 H
2160	1969	04	19	09	21	46.4	5.32	77.17	26.0	5.0	
2285	1969	12	09	12	10	1.2	10.16	75.52	26.0	4.8	
2559	1971	01	09	03	22	16.6	3.91	80.97	26.0D	4.1	
3352	1974	10	03	22	14	6.3	12.11	77.92	26.0	4.8	
3356	1974	10	04	02	34	30.2	13.48	77.12	26.0	4.3	
3839	1977	05	10	06	49	33.4	9.82	77.10	26.0	4.5	
3924	1977	10	13	23	16	27.2	12.25	77.96	26.0	5.2	4.5 Z
4338	1980	06	15	23	47	15.0	15.52	75.24	26.0D	5.4	5.4 Z
4967	1982	10	15	07	54	57.1	13.43	74.35	26.2	4.4	
3958	1978	01	11	22	24	49.1	14.08	77.28	26.7		
5113	1983	06	25	19	00	29.7	8.68	80.00	26.9	5.1	4.3 Z
588	1958	05	26	08	49	43.0	3.24	78.06	27.0		
710	1960	11	25	03	27	59.0	7.30	81.40	27.0		
754	1961	05	21	17	41	28.2	3.10	80.90	27.0		6.5 PAL
1501	1966	06	07	01	56	23.0	12.30	74.30	27.0	4.5	ISC
1583	1966	10	16	06	48	37.4	19.80	71.00	27.0	5.0	
1615	1966	10	29	04	45	36.0	10.90	77.60	27.0	4.3	
1766	1967	07	18	14	16	10.0	18.70	71.30	27.0	4.2	
1855	1967	12	16	09	20	12.2	7.80	81.50	27.0	4.1	

## EARTHQUAKE CATALOG OF PERU

## IV-13

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1989	1968	06	26	04	53	45.3	5.69	77.20	27.0	4.9	
2008	1968	07	07	23	48	8.2	5.76	77.14	27.0	5.5	5.2 H
2015	1968	07	16	13	18	43.2	5.68	77.16	27.0D	5.0	
2293	1969	12	17	07	13	6.2	0.77	78.34	27.0	4.2	
3382	1974	10	10	19	52	59.0	12.44	77.61	27.0	5.3	5.1 H
3521	1975	06	01	02	44	52.1	14.27	75.70	27.0	4.7	
3609	1975	12	29	15	10	32.8	16.60	73.99	27.0	4.7	
3818	1977	04	07	20	31	9.5	15.45	76.32	27.0	5.2	
3833	1977	05	08	16	45	16.0	1.25	81.07	27.0	5.1	4.9 Z
3879	1977	06	27	18	57	20.4	1.78	77.13	27.0D	5.0	
3057	1973	07	10	23	39	16.4	8.73	77.29	27.2	4.5	
4789	1982	02	18	17	27	16.9	14.50	75.19	27.2A		
714	1960	12	17	07	38	31.1	15.20	73.50	28.0		
1142	1964	07	02	09	09	39.8	11.60	74.40	28.0	4.6	
1484	1966	05	24	20	51	1.5	2.30	77.60	28.0	4.2	
1698	1967	04	02	01	35	34.9	8.63	75.87	28.0	4.6	
1728	1967	06	01	09	44	8.9	9.80	75.70	28.0	4.4	
1774	1967	07	29	09	48	32.5	1.10	78.50	28.0	4.0	
1934	1968	08	19	08	13	35.0	5.56	77.15	28.0	6.4	6.9 H
2229	1969	08	22	12	59	47.3	8.51	77.00	28.0	4.5	
2533	1970	12	18	07	08	10.3	4.23	80.93	28.0	4.7	
2631	1971	07	08	08	02	37.2	0.90	78.46	28.0	4.1	
2658	1971	09	24	04	32	55.0	16.37	73.69	28.0	5.2	5.6 H
3239	1974	04	18	03	53	35.1	5.64	77.04	28.0D	4.6	
3345	1974	10	03	19	10	0.4	13.50	77.13	28.0	4.8	
4091	1979	01	05	09	29	38.4	15.93	74.93	28.0	5.1	
4188	1979	06	25	20	41	59.5	17.94	71.36	28.0D	5.0	4.2 Z
4370	1980	08	31	17	03	22.3	6.25	80.88	28.0D	5.2	4.5 Z
4760	1981	12	27	21	23	12.9	8.33	79.96	28.0D	5.3	4.7 Z
5036	1982	12	31	02	46	50.7	10.74	78.96	28.0D	5.0	3.9 Z
3836	1977	05	09	01	27	17.2	10.92	74.32	28.6		
5224	1984	05	30	16	45	27.9	15.51	74.56	28.7	4.9	
587	1958	05	25	21	11	42.0	3.12	78.09	29.0		6.5 PAS
746	1961	04	09	17	17	47.6	18.30	70.20	29.0		
759	1961	06	17	10	56	30.3	12.00	75.30	29.0		5.0 PAL
1791	1967	08	23	00	09	26.0	19.70	71.00	29.0	4.6	
2149	1969	03	26	01	14	31.0	15.03	75.37	29.0	4.9	
2511	1970	12	12	05	37	47.8	5.92	74.99	29.0	4.8	
2585	1971	03	27	00	53	25.0	7.47	81.60	29.0D	5.4	4.8 H
2794	1972	06	08	03	02	37.5	10.70	79.04	29.0D	5.0	
3440	1974	12	08	11	43	4.5	17.11	73.16	29.0	4.5	
3475	1975	02	16	16	13	40.3	8.49	82.10	29.0	5.2	5.1 H
3577	1975	10	11	16	24	17.9	4.24	81.05	29.0	5.2	

## IV-14

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3720	1978	09	14	04	38	24.0	5.37	77.21	29.0		
3914	1977	09	24	00	09	21.7	18.45	71.25	29.0D	4.8	
4011	1978	05	20	23	58	1.7	5.41	81.15	29.0	5.1	4.2 Z
4046	1978	08	20	05	04	15.9	0.20	80.54	29.0	3.7	
4359	1980	07	28	08	55	59.8	10.41	74.67	29.0	5.0	
4608	1981	07	17	13	59	52.1	13.86	76.73	29.1	4.4	
5157	1983	11	13	22	38	45.7	5.59	77.06	29.2	5.0	3.9 Z
3771	1977	01	16	11	19	34.7	16.02	75.39	29.4	3.6	GS
60	1928	04	09	17	34	15.0	13.00	69.50	30.0		6.9 PAS
748	1961	04	22	19	01	34.4	2.80	80.80	30.0		5.8 MAT
770	1961	07	24	02	07	18.6	1.60	78.30	30.0		
928	1963	05	10	22	22	42.7	2.10	77.60	30.0	5.8	
1330	1965	08	22	03	30	11.9	19.60	71.00	30.0	4.1	
1463	1966	04	09	07	53	11.6	0.80	78.10	30.0	3.9	
1591	1966	10	17	23	32	37.3	10.70	78.80	30.0	5.0	
1597	1966	10	18	08	26	7.7	10.60	79.50	30.0	4.9	
1604	1966	10	19	07	25	41.7	11.40	78.40	30.0	4.4	
1610	1966	10	23	15	32	52.6	10.80	79.00	30.0	5.0	
1616	1966	10	29	15	32	20.2	10.70	78.90	30.0	5.0	
1617	1966	10	29	15	42	12.2	10.70	79.00	30.0	4.7	
1714	1967	05	05	16	36	24.9	18.82	71.22	30.0	4.0	
2535	1970	12	21	07	21	44.7	3.92	80.74	30.0D	4.9	
2548	1970	12	29	02	22	18.5	4.60	81.50	30.0	4.4	ISC
2581	1971	03	17	08	08	46.6	3.87	81.02	30.0G	4.4	
2642	1971	08	18	19	07	17.4	3.90	80.90	30.0D	5.1	
2996	1973	04	06	01	25	40.8	17.48	72.76	30.0	4.2	
4041	1978	08	04	16	16	16.3	16.95	71.33	30.0	5.1	3.7 ISC
4921	1982	08	19	06	14	27.2	13.43	76.18	30.0A		
5237	1984	07	03	08	44	18.3	9.11	79.43	30.1	4.7	
849	1962	06	16	14	13	34.3	9.70	79.10	31.0		
917	1963	03	31	04	45	59.7	6.60	81.20	31.0	5.2	
962	1963	08	05	08	46	59.7	9.90	79.00	31.0	4.8	
967	1963	08	18	23	07	54.2	14.20	71.90	31.0	4.6	
1063	1964	02	16	10	03	37.7	7.60	75.90	31.0	4.5	
1335	1965	09	06	16	25	53.5	9.30	75.90	31.0	4.4	
1884	1968	02	18	10	53	59.9	16.30	71.90	31.0	5.1	
1893	1968	03	12	12	35	52.0	11.40	76.90	31.0	4.5	
2095	1968	12	04	15	41	37.6	1.32	78.42	31.0	4.3	
2508	1970	12	11	21	00	41.9	3.99	80.81	31.0	4.8	
3144	1973	11	09	22	41	27.7	3.97	80.97	31.0	5.6	
3406	1974	10	31	08	58	18.9	15.35	71.03	31.0	5.1	4.8 H
3520	1975	05	30	02	12	39.8	4.09	80.98	31.0D	4.7	3.8 Z
3795	1977	03	09	07	25	31.5	12.23	74.18	31.0	4.7	

## EARTHQUAKE CATALOG OF PERU

## IV-15

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3881	1977	07	10	03	06	52.2	9.23	75.76	31.0	4.9	
4896	1981	10	31	10	14	1.6	10.06	79.73	31.0D	5.3	4.9 Z
692	1960	08	25	12	03	19.2	18.10	69.40	32.0		
898	1963	01	06	06	17	25.7	2.00	80.80	32.0		
918	1963	03	31	05	51	0.5	10.80	78.50	32.0	5.5	
1222	1965	01	14	08	25	17.5	5.50	81.30	32.0	5.3	
1510	1966	06	16	12	27	50.2	1.50	80.60	32.0	4.1	
1609	1966	10	23	03	46	15.0	11.10	79.10	32.0	4.6	
1909	1968	04	23	13	48	38.5	1.00	80.60	32.0	4.3	
2188	1969	06	13	16	19	1.4	6.06	82.10	32.0	4.9	
2219	1969	08	05	12	14	43.0	5.37	81.69	32.0	4.9	
2322	1970	02	27	14	17	25.5	16.04	74.90	32.0	5.1	
2488	1970	12	10	04	49	42.3	4.09	80.74	32.0D	5.3	
2493	1970	12	10	06	51	17.9	3.88	80.77	32.0D	4.7	
2497	1970	12	10	11	37	42.4	3.98	80.79	32.0D	5.4	
2500	1970	12	10	17	29	39.4	3.90	80.77	32.0D	5.0	
2516	1970	12	12	22	38	38.0	4.05	80.87	32.0D	4.5	
2530	1970	12	15	21	15	20.2	4.03	80.86	32.0D	5.2	
2536	1970	12	21	07	33	15.5	3.96	80.81	32.0D	5.1	
3277	1974	06	19	23	25	45.3	8.73	76.15	32.0	4.4	
3678	1976	06	11	00	55	59.0	20.00	71.11	32.0	4.7	
3683	1976	06	18	14	58	53.6	15.20	75.44	32.0D	5.7	5.2 Z
3747	1976	11	01	03	01	51.4	12.49	77.82	32.0	5.2	
4634	1981	08	19	14	29	43.6	3.89	80.97	32.0D	5.2	3.8 ISC
4581	1981	06	23	02	28	25.4	13.24	74.60	32.1	4.8	4.5 Z
3594	1975	11	15	06	33	23.5	7.29	75.64	32.5		
3216	1974	03	12	19	15	16.4	16.67	71.85	32.6		
3423	1974	11	16	17	21	8.1	5.70	81.27	32.8		
5090	1983	04	27	21	06	0.9	1.82	77.68	32.8	4.9	
4600	1981	07	08	01	16	3.1	14.14	76.75	32.9	4.9	
378	1950	12	28	21	06	16.0	14.60	76.30	33.0		
418	1952	09	20	21	12	24.0	15.50	76.40	33.0		
420	1952	10	06	14	07	12.0	10.30	75.40	33.0		
437	1953	07	02	13	31	20.0	16.00	76.00	33.0		
762	1961	06	27	05	39	57.7	8.60	76.10	33.0N		
765	1961	07	03	08	26	13.4	2.80	79.70	33.0N		
769	1961	07	24	01	53	29.9	2.10	79.40	33.0N		
785	1961	08	30	03	45	28.0	3.90	77.80	33.0N		
792	1961	09	08	05	57	37.5	1.80	81.40	33.0N		
793	1961	09	08	06	07	52.4	1.50	80.90	33.0N		
805	1961	10	28	05	30	4.5	9.30	80.00	33.0N		
812	1961	11	29	20	38	9.2	7.20	76.40	33.0N		
816	1961	12	24	14	25	30.6	5.70	80.90	33.0N		5.9 MAT



## IV-18

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
817	1961	12	24	17	15	44.4	5.80	81.00	33.0N		
824	1962	02	03	20	02	25.0	12.90	79.90	33.0		
827	1962	02	28	13	44	42.0	8.90	75.80	33.0		
830	1962	03	04	00	41	42.0	10.60	75.20	33.0		
835	1962	03	19	21	04	16.6	16.80	73.50	33.0		
859	1962	07	25	06	55	56.7	16.30	75.00	33.0		
860	1962	07	26	02	33	17.8	4.70	80.90	33.0		
869	1962	09	20	09	25	26.7	15.50	76.10	33.0		
875	1962	09	29	07	58	20.7	17.10	70.50	33.0		
877	1962	10	10	11	42	35.1	3.10	78.40	33.0		
878	1962	10	11	05	41	10.1	6.50	81.00	33.0		
887	1962	11	16	06	39	8.2	1.00	78.60	33.0		
889	1962	11	23	00	30	5.3	15.10	75.60	33.0		
891	1962	11	25	12	48	44.3	11.90	77.30	33.0		
893	1962	12	21	21	27	51.6	0.90	80.90	33.0		
894	1962	12	22	06	35	57.1	1.10	81.00	33.0		
904	1963	02	03	11	18	9.3	9.10	77.10	33.0		
906	1963	02	16	21	32	22.2	8.50	80.10	33.0	4.8	
908	1963	02	27	00	10	1.3	1.20	79.00	33.0	4.3	
910	1963	02	27	21	11	32.4	6.30	81.00	33.0		
919	1963	04	03	01	35	59.3	4.80	78.40	33.0		
929	1963	05	11	21	03	56.5	2.90	79.20	33.0	4.2	
935	1963	05	26	19	13	39.6	5.50	81.20	33.0	4.7	
938	1963	06	08	08	57	24.9	2.30	77.80	33.0	4.4	
939	1963	06	18	15	39	55.4	5.30	78.50	33.0	4.4	
941	1963	06	20	20	42	17.1	2.30	77.50	33.0	4.1	
944	1963	06	25	10	45	31.8	15.90	75.20	33.0	4.2	
945	1963	06	27	13	15	15.7	11.70	77.60	33.0	4.2	
948	1963	07	02	02	52	53.0	2.40	77.80	33.0	4.6	
956	1963	07	25	20	31	17.7	2.40	77.80	33.0	4.0	
963	1963	08	11	06	30	36.5	1.00	78.90	33.0	4.0	
978	1963	09	19	00	06	43.0	2.60	78.00	33.0	4.3	
981	1963	09	20	04	00	36.1	11.30	77.60	33.0	4.5	
991	1963	10	14	05	39	17.1	2.30	77.60	33.0	4.7	
994	1963	10	26	12	56	46.8	2.70	77.80	33.0	4.2	
1000	1963	11	03	03	10	12.7	3.50	77.80	33.0	6.0	
1003	1963	11	03	12	02	28.3	3.70	78.30	33.0	4.5	
1008	1963	11	08	19	22	54.7	3.70	78.20	33.0	4.5	
1014	1963	11	12	12	26	45.1	15.80	72.40	33.0	4.0	
1019	1963	11	19	22	36	58.0	18.60	72.20	33.0	4.4	
1024	1963	12	04	03	13	7.1	8.30	83.10	33.0	4.6	
1026	1963	12	06	18	14	32.1	7.10	80.50	33.0	4.4	
1027	1963	12	10	07	26	36.5	8.70	79.80	33.0	4.5	

## EARTHQUAKE CATALOG OF PERU

IV-17

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1031	1963	12	18	01	42	13.5	7.40	78.00	33.0	4.0	
1032	1963	12	19	14	54	43.6	8.30	80.80	33.0	4.3	
1039	1963	12	30	23	39	27.2	2.50	78.40	33.0	4.3	
1041	1964	01	03	13	27	44.5	5.00	77.30	33.0	4.2	
1042	1964	01	03	22	12	9.0	1.50	79.30	33.0	4.4	
1048	1964	01	17	13	27	21.8	3.40	77.50	33.0	4.1	
1054	1964	01	30	02	33	58.0	19.80	69.80	33.0	4.2	ISC
1055	1964	01	31	21	46	31.7	0.20	77.90	33.0	4.6	
1056	1964	02	01	11	47	28.8	3.50	78.00	33.0	5.0	
1062	1964	02	15	04	46	5.0	7.60	75.70	33.0	4.1	
1065	1964	02	18	10	33	23.0	8.30	78.00	33.0	4.1	ISC
1069	1964	02	21	13	51	47.4	6.80	80.90	33.0	4.3	
1071	1964	02	23	04	35	18.1	17.20	74.20	33.0	4.3	
1072	1964	02	24	18	38	33.8	3.37	78.00	33.0	4.6	ISC
1079	1964	03	14	02	14	2.0	7.80	75.40	33.0	4.2	
1087	1964	03	24	06	36	19.5	5.20	78.60	33.0	4.0	
1098	1964	04	20	10	52	5.3	18.60	72.00	33.0		
1106	1964	05	04	19	25	40.5	14.70	76.00	33.0	4.5	
1107	1964	05	05	03	26	46.1	17.70	68.90	33.0	4.9	
1110	1964	05	12	08	27	4.3	0.70	77.20	33.0	4.0	
1116	1964	05	20	03	25	5.1	0.90	80.40	33.0	4.7	
1123	1964	06	01	09	20	58.1	1.00	78.10	33.0	4.0	
1124	1964	06	03	07	49	30.8	5.20	78.60	33.0	4.2	
1134	1964	06	23	00	30	11.1	3.70	78.10	33.0	4.6	
1136	1964	06	23	13	53	51.4	2.60	77.70	33.0	3.9	
1137	1964	06	24	06	21	41.0	3.50	77.40	33.0	4.0	
1152	1964	08	04	13	06	22.2	5.10	78.60	33.0	4.1	
1156	1964	08	13	16	32	17.3	5.90	81.10	33.0	4.2	
1166	1964	09	19	17	26	13.0	5.60	81.00	33.0	4.8	
1195	1964	11	29	03	24	28.8	3.60	80.60	33.0	4.8	
1205	1964	12	15	16	20	11.0	7.20	76.90	33.0	4.8	
1213	1965	01	02	05	25	3.1	16.00	70.40	33.0	4.4	
1216	1965	01	07	11	57	30.4	3.20	76.80	33.0	4.5	
1218	1965	01	09	14	35	12.4	9.70	80.10	33.0	4.4	
1220	1965	01	11	09	27	39.5	16.80	76.60	33.0	4.3	
1224	1965	01	16	16	59	28.5	2.50	78.20	33.0	4.5	
1226	1965	01	23	14	48	28.0	8.30	75.10	33.0	4.2	
1227	1965	01	25	16	54	1.5	10.60	75.40	33.0		
1229	1965	01	26	13	48	33.8	0.40	81.10	33.0	4.2	
1230	1965	01	26	14	17	49.0	0.20	80.80	33.0	4.7	
1232	1965	01	28	05	34	59.8	12.90	78.50	33.0	4.9	
1241	1965	02	20	21	10	13.5	18.40	72.40	33.0	5.2	
1245	1965	03	09	02	55	51.6	13.50	72.70	33.0	4.1	

## IV-18

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1248	1985	03	14	15	30	37.1	0.40	80.80	33.0	4.1	
1251	1985	03	24	11	16	50.5	18.50	68.50	33.0	4.8	
1258	1985	04	08	00	02	40.1	8.30	80.10	33.0	4.3	
1260	1985	04	15	02	00	10.4	5.72	75.80	33.0	4.4	ISC
1280	1985	05	29	04	25	11.9	9.90	74.10	33.0	4.1	
1282	1985	06	04	14	53	27.7	9.10	79.10	33.0	4.3	
1285	1985	06	08	05	46	49.6	4.01	78.20	33.0	4.2	ISC
1295	1985	06	27	17	09	22.7	2.80	77.10	33.0	5.3	
1302	1985	07	08	23	51	19.9	9.70	79.70	33.0	4.3	
1303	1985	07	09	17	46	41.4	7.70	80.80	33.0	4.5	
1311	1985	07	24	12	16	8.9	3.50	78.10	33.0	4.2	
1321	1985	08	03	02	01	52.2	7.40	81.30	33.0	5.8	5.4 BRK
1339	1985	09	11	18	17	54.8	11.40	75.30	33.0	4.1	
1354	1985	10	04	21	25	12.0	10.90	75.00	33.0	4.2	
1358	1985	10	10	16	46	19.1	1.10	81.70	33.0	4.5	
1362	1985	10	12	15	10	46.8	1.40	80.90	33.0	4.4	
1367	1985	10	25	11	17	26.7	1.10	81.00	33.0	4.3	
1382	1985	11	29	17	53	55.1	6.80	80.10	33.0	4.1	
1389	1985	12	04	17	16	29.1	3.90	79.20	33.0	4.3	
1396	1985	12	11	21	48	29.4	6.40	81.30	33.0	4.2	
1407	1986	01	01	01	59	53.1	16.30	73.40	33.0		
1412	1986	01	09	20	16	53.4	10.80	75.60	33.0	4.4	
1422	1986	01	28	21	25	22.4	3.50	81.30	33.0	4.5	
1440	1986	02	26	15	37	18.0	3.50	77.60	33.0	4.1	
1442	1986	02	27	05	58	42.6	15.00	75.70	33.0	4.4	
1444	1986	03	04	10	25	4.3	1.23	80.10	33.0	3.7	ISC
1451	1986	03	23	06	10	11.6	6.50	79.30	33.0	3.9	
1459	1986	04	01	07	55	49.6	16.60	72.90	33.0		
1462	1986	04	06	12	24	51.9	3.80	81.70	33.0	4.1	
1496	1986	06	05	00	53	1.2	6.30	81.40	33.0	4.3	
1499	1986	06	07	00	59	45.3	14.90	75.90	33.0	5.5	6.3 PAS
1512	1986	06	19	15	40	48.1	14.80	75.80	33.0	5.1	
1514	1986	06	20	11	01	44.2	17.30	72.50	33.0	4.3	
1523	1986	07	15	04	23	48.5	9.50	78.80	33.0	4.4	
1527	1986	07	22	19	47	39.0	6.30	81.10	33.0	4.9	
1541	1986	08	14	07	46	46.7	14.50	68.90	33.0	4.2	
1551	1986	08	27	15	42	52.3	10.80	79.00	33.0	4.1	
1563	1986	09	10	16	13	46.4	0.00	81.00	33.0	4.2	
1577	1986	10	10	21	06	50.5	19.90	71.10	33.0	4.2	
1582	1986	10	15	06	25	37.4	19.80	71.10	33.0	4.3	
1585	1986	10	16	22	19	17.8	19.90	71.00	33.0	3.8	
1594	1986	10	18	01	53	43.0	10.10	78.60	33.0	4.3	
1598	1986	10	18	09	00	1.0	11.00	78.80	33.0	4.0	

## EARTHQUAKE CATALOG OF PERU

IV-19

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1602	1986	10	19	02	17	44.3	10.30	79.50	33.0	5.0	
1603	1986	10	19	08	05	56.0	11.10	79.10	33.0	4.5	
1606	1986	10	19	22	23	37.0	10.80	79.00	33.0	4.3	
1614	1986	10	27	12	08	34.1	10.00	79.50	33.0	5.0	
1624	1986	11	08	14	55	35.4	10.60	78.50	33.0	4.5	
1627	1986	11	12	18	49	32.0	18.20	70.20	33.0	5.0	ISC
1630	1986	11	14	02	58	31.0	7.80	71.30	33.0	4.8	ISC
1635	1986	11	19	03	02	19.6	16.10	74.30	33.0	4.4	
1639	1986	11	25	19	01	23.0	11.30	73.70	33.0	4.8	ISC
1641	1986	12	01	11	41	37.2	8.80	79.40	33.0	4.1	
1645	1986	12	09	13	32	35.0	10.60	78.90	33.0	4.6	
1677	1987	02	15	16	46	32.0	8.60	80.60	33.0	4.5	ISC
1679	1987	02	18	18	59	49.3	10.47	75.03	33.0	4.8	ISC
1684	1987	03	09	11	50	29.7	17.14	73.33	33.0N	3.6	
1689	1987	03	22	05	05	18.8	10.77	78.96	33.0N	4.7	
1690	1987	03	22	05	20	15.8	11.07	79.24	33.0N	4.6	
1699	1987	04	02	01	58	15.4	10.25	75.80	33.0N	4.5	
1709	1987	04	22	19	29	33.3	5.76	79.82	33.0N	4.3	
1717	1987	05	10	19	02	36.5	3.86	79.82	33.0N	4.1	
1718	1987	05	10	20	35	23.2	15.67	76.33	33.0N	4.6	
1720	1987	05	14	11	48	48.0	11.20	77.70	33.0	4.4	ISC
1722	1987	05	16	00	57	56.6	15.84	75.29	33.0N	4.7	
1723	1987	05	17	07	08	50.1	7.53	81.47	33.0N	3.9	
1726	1987	05	20	06	33	42.9	16.17	75.31	33.0N	4.7	
1729	1987	06	03	06	11	7.8	10.80	79.00	33.0	4.6	
1731	1987	06	04	18	16	27.1	15.70	75.60	33.0	4.3	
1736	1987	06	09	05	44	36.7	11.30	79.40	33.0	4.0	
1742	1987	06	21	06	09	34.7	12.30	77.80	33.0	4.5	ISC
1745	1987	06	22	13	49	48.7	2.30	77.60	33.0	4.8	
1747	1987	06	23	17	24	47.7	2.40	77.90	33.0	3.9	
1750	1987	06	25	05	56	52.5	1.40	76.50	33.0	3.9	
1765	1987	07	18	09	07	0.2	9.00	80.70	33.0	4.2	
1767	1987	07	20	12	07	58.0	19.60	71.30	33.0	4.2	
1769	1987	07	24	04	35	51.2	2.40	77.90	33.0	4.1	
1770	1987	07	24	04	45	23.2	11.30	79.50	33.0	4.8	
1776	1987	07	30	21	58	42.5	11.30	75.00	33.0	4.5	
1780	1987	08	05	08	26	17.7	8.10	74.90	33.0	4.5	ISC
1784	1987	08	15	11	18	33.6	8.30	80.40	33.0	4.3	
1793	1987	08	23	09	21	59.4	4.30	81.50	33.0	5.0	
1794	1987	08	24	13	07	52.7	16.40	75.10	33.0	4.6	
1795	1987	08	26	13	30	38.9	17.70	72.00	33.0	4.2	
1797	1987	08	29	16	45	1.3	19.70	70.50	33.0	4.2	
1801	1987	09	04	16	06	8.7	9.20	77.30	33.0	4.8	

## IV-20

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1802	1967	09	12	04 51 49.3	16.80	72.40	33.0	4.0	
1804	1967	09	13	15 13 46.9	10.50	79.50	33.0	4.7	
1805	1967	09	14	03 58 29.1	18.10	71.60	33.0	4.1	
1808	1967	09	25	04 03 50.1	15.90	75.20	33.0	4.7	
1814	1967	10	06	08 20 59.0	4.00	75.00	33.0	4.1 ISC	
1824	1967	10	22	06 39 5.3	0.72	78.70	33.0	3.9 ISC	
1828	1967	10	30	02 52 6.4	0.59	78.54	33.0	4.5 ISC	
1829	1967	10	30	14 00 57.0	19.30	69.80	33.0	4.3 ISC	
1838	1967	11	15	18 37 31.0	2.00	81.00	33.0	4.7	
1845	1967	11	26	07 35 53.9	13.30	77.20	33.0	4.5	
1846	1967	11	29	02 59 47.7	11.10	74.30	33.0	4.4 ISC	
1850	1967	12	10	23 46 32.8	14.40	72.20	33.0	4.4 ISC	
1853	1967	12	11	21 57 1.9	9.10	75.10	33.0	4.5 ISC	
1865	1968	01	01	01 02 58.0	9.10	80.40	33.0	4.1 ISC	
1870	1968	01	08	23 43 20.4	8.89	74.62	33.0	4.4 ISC	
1872	1968	01	13	04 03 43.3	8.24	75.20	33.0	4.3 ISC	
1885	1968	02	19	02 57 57.0	10.80	80.00	33.0	4.4 ISC	
1912	1968	04	29	00 30 20.2	9.38	71.75	33.0	4.1 ISC	
1913	1968	04	29	03 15 35.0	16.30	74.80	33.0	4.3 ISC	
1915	1968	05	01	02 15 28.0	19.90	70.40	33.0	4.1 ISC	
1917	1968	05	09	13 35 52.5	5.20	82.00	33.0	4.0 ISC	
1919	1968	05	11	10 39 0.6	13.28	68.89	33.0N	3.6	
1926	1968	05	27	18 25 1.0	7.22	80.60	33.0N	4.8	
1929	1968	06	12	10 50 6.0	19.15	70.74	33.0N	4.3	
1935	1968	06	19	08 36 26.7	5.30	77.13	33.0	4.7 ISC	
1943	1968	06	19	09 27 11.0	5.56	76.95	33.0N	4.3	
1945	1968	06	19	09 35 20.3	5.14	77.13	33.0	4.0 ISC	
1946	1968	06	19	10 18 46.3	5.57	77.16	33.0N	4.9	
1947	1968	06	19	10 26 44.0	7.50	80.50	33.0	4.3 ISC	
1948	1968	06	19	10 57 25.0	5.53	77.09	33.0N	4.7	
1949	1968	06	19	11 00 6.0	5.30	77.12	33.0	4.5 ISC	
1951	1968	06	19	12 46 13.0	5.62	77.31	33.0N	4.7	
1952	1968	06	19	14 20 17.0	5.59	77.04	33.0N	4.3	
1954	1968	06	19	16 54 30.0	5.64	77.17	33.0N	4.8	
1955	1968	06	19	17 06 10.0	5.70	77.07	33.0N	4.5	
1956	1968	06	19	17 07 44.5	5.52	77.25	33.0N	5.0	
1958	1968	06	19	21 19 11.2	5.66	77.10	33.0	4.5 ISC	
1959	1968	06	19	23 38 58.5	5.70	77.18	33.0N	5.1	4.4 H
1960	1968	06	20	00 11 19.0	5.53	77.32	33.0N	4.4	
1961	1968	06	20	00 28 14.0	5.41	77.03	33.0N	4.3	
1962	1968	06	20	00 47 48.0	5.51	76.97	33.0N	4.4	
1963	1968	06	20	02 38 38.4	5.59	77.33	33.0N	5.8	5.7 H
1964	1968	06	20	05 44 45.0	5.47	77.25	33.0N	4.3	

## EARTHQUAKE CATALOG OF PERU

IV-21

0 km ≤ h ≤ 33 km

NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
1965	1968	06	20	08 11 10.5	5.76	77.33	33.0N	5.3
1966	1968	06	20	15 51 56.5	5.72	77.25	33.0N	4.7
1969	1968	06	21	02 19 59.0	5.55	77.06	33.0	4.3
1971	1968	06	21	07 31 17.3	5.49	77.23	33.0N	4.9
1973	1968	06	21	12 51 41.0	5.46	76.95	33.0N	4.1
1975	1968	06	22	04 24 45.0	5.58	76.99	33.0N	4.6
1978	1968	06	22	11 59 13.0	5.62	77.03	33.0N	4.3
1979	1968	06	22	18 34 7.0	5.50	77.11	33.0	4.5
1980	1968	06	22	20 16 55.0	5.60	77.25	33.0N	4.4
1982	1968	06	23	19 09 48.0	5.64	77.33	33.0N	4.2
1983	1968	06	23	19 18 29.0	7.10	76.70	33.0	4.3 ISC
1984	1968	06	24	02 59 34.0	5.76	77.34	33.0N	4.4
1988	1968	06	25	10 03 51.0	5.50	77.26	33.0N	4.2
1991	1968	06	26	06 33 49.0	5.76	77.56	33.0N	4.3
1995	1968	06	26	20 51 9.6	5.58	77.29	33.0N	4.4
2001	1968	06	29	18 43 26.0	5.55	77.05	33.0N	4.5
2004	1968	07	02	00 23 13.0	16.33	73.02	33.0N	4.1
2005	1968	07	03	15 24 54.0	5.53	77.14	33.0N	4.2
2006	1968	07	05	08 45 42.0	5.49	77.63	33.0N	4.4
2010	1968	07	08	08 45 47.0	5.69	77.06	33.0N	4.8
2012	1968	07	14	10 01 11.0	5.43	77.29	33.0N	4.5
2013	1968	07	14	15 19 59.0	5.44	76.89	33.0N	4.2
2014	1968	07	16	12 30 57.0	5.69	77.19	33.0N	4.6
2016	1968	07	16	14 01 51.0	5.69	77.02	33.0N	4.5
2019	1968	07	25	21 22 1.1	17.50	72.27	33.0N	4.1
2060	1968	09	22	09 06 25.7	0.43	81.38	33.0N	4.1
2061	1968	09	22	11 17 34.2	0.55	81.41	33.0N	3.9
2062	1968	09	22	15 42 23.8	0.72	81.70	33.0N	4.0
2067	1968	10	13	21 34 24.6	10.02	74.79	33.0D	4.8
2075	1968	11	04	10 58 28.3	16.32	73.78	33.0N	4.5
2089	1968	11	30	19 59 35.3	8.27	79.90	33.0N	4.7
2100	1968	12	21	03 40 19.7	17.10	73.79	33.0N	4.3
2106	1968	12	28	12 41 39.8	8.96	81.39	33.0N	5.1
2126	1969	02	06	14 36 41.2	5.84	78.38	33.0N	4.2
2128	1969	02	17	01 11 48.7	8.01	80.09	33.0N	4.4
2131	1969	02	23	12 51 31.4	15.57	75.76	33.0N	4.8
2132	1969	02	23	15 56 13.1	6.70	74.48	33.0	4.5 ISC
2139	1969	03	05	23 18 59.6	6.57	76.20	33.0	4.6
2143	1969	03	15	06 20 29.4	15.03	76.19	33.0N	4.3
2145	1969	03	17	16 31 42.0	8.39	75.18	33.0N	4.4
2152	1969	04	02	03 07 18.0	0.32	78.38	33.0	4.0 ISC
2153	1969	04	03	03 47 18.0	11.40	76.60	33.0	4.8 ISC
2171	1969	05	19	01 41 30.4	5.18	76.47	33.0N	3.9

## IV-22

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
2175	1969	05	25	05 20 59.2	11.40	79.54	33.0N	4.2	
2185	1969	06	09	17 44 56.7	8.49	80.54	33.0N	4.9	4.5 H
2197	1969	07	04	06 32 43.4	4.09	80.92	33.0N	4.5	5.0 H
									4.8 GOL
2201	1969	07	10	09 52 36.1	8.88	80.78	33.0N	4.6	
2211	1969	07	24	08 00 42.3	11.69	75.07	33.0	4.4 ISC	
2214	1969	08	01	05 58 36.7	11.77	75.18	33.0	4.2 ISC	
2217	1969	08	02	13 50 0.0	8.45	77.31	33.0N	4.7	
2261	1969	10	07	09 29 3.0	11.90	74.60	33.0	4.4 ISC	
2268	1969	10	19	15 23 13.7	17.55	70.38	33.0	4.0 ISC	
2303	1970	01	05	08 05 35.3	11.69	75.08	33.0	4.0 ISC	
2311	1970	02	01	12 29 42.4	7.16	76.90	33.0	4.4 ISC	
2323	1970	02	28	18 44 52.2	11.71	75.21	33.0	4.1 ISC	
2325	1970	03	02	03 30 27.1	13.36	74.33	33.0	4.8 ISC	
2329	1970	03	06	02 28 14.5	2.89	80.08	33.0	4.2	
2330	1970	03	07	06 31 25.3	10.53	75.00	33.0N	4.3	
2341	1970	04	09	22 21 29.2	9.70	80.05	33.0N	4.5	
2357	1970	05	31	21 03 45.0	9.85	78.81	33.0N	5.6	
2384	1970	06	02	18 52 16.4	10.21	78.77	33.0N	4.8	
2388	1970	06	04	02 41 21.4	10.03	78.52	33.0N	4.7	
2407	1970	06	15	11 32 31.3	10.01	78.42	33.0N	4.7	
2409	1970	06	19	06 43 55.3	12.60	77.46	33.0	4.2 ISC	
2420	1970	07	03	15 08 14.9	9.84	78.94	33.0N	5.0	
2426	1970	07	10	07 53 25.0	9.50	80.00	33.0	4.6 ISC	
2460	1970	10	09	05 21 14.4	19.12	70.92	33.0	4.1 ISC	
2462	1970	10	09	15 53 12.5	9.85	78.78	33.0N	5.0	
2463	1970	10	11	05 18 18.0	16.20	72.60	33.0	4.1 ISC	
2470	1970	11	06	07 33 29.2	0.90	80.97	33.0N	4.5	
2476	1970	11	15	14 43 36.4	9.51	79.37	33.0N	4.9	
2481	1970	11	22	08 22 2.0	9.50	79.90	33.0	4.7 ISC	
2489	1970	12	10	05 15 22.5	3.86	80.54	33.0N	4.7	
2490	1970	12	10	05 26 52.9	3.78	80.61	33.0D	4.8	
2491	1970	12	10	05 32 49.7	3.95	80.73	33.0D	5.4	
2492	1970	12	10	05 45 46.9	3.78	80.72	33.0N	4.6	
2494	1970	12	10	09 18 50.0	3.89	80.72	33.0N	4.7	
2495	1970	12	10	09 59 0.9	3.89	80.74	33.0D	4.7	
2496	1970	12	10	11 03 25.6	4.23	80.46	33.0N	4.5	
2499	1970	12	10	13 47 37.1	3.89	80.73	33.0D	4.4	
2501	1970	12	10	19 50 43.1	4.11	80.75	33.0N	5.1	
2503	1970	12	11	03 19 57.1	4.15	80.86	33.0N	4.1	
2505	1970	12	11	10 01 21.5	3.95	80.88	33.0N	4.6	
2510	1970	12	12	04 35 14.3	4.00	80.71	33.0N	4.7	
2512	1970	12	12	13 13 40.9	3.90	80.76	33.0D	4.4	

## EARTHQUAKE CATALOG OF PERU

## IV-23

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2513	1970	12	12	14	58	35.1	3.80	80.57	33.0N	4.5	
2515	1970	12	12	21	13	16.8	4.05	80.86	33.0N	4.7	
2517	1970	12	13	00	15	21.1	4.08	80.85	33.0N	4.8	
2518	1970	12	13	00	50	53.7	3.97	80.74	33.0N	4.6	
2519	1970	12	13	17	01	11.5	3.98	81.03	33.0N	4.3	
2520	1970	12	13	20	20	14.5	4.04	81.00	33.0N	4.1	
2521	1970	12	13	23	36	54.7	3.98	80.88	33.0N	4.6	
2523	1970	12	14	07	32	52.5	1.31	80.91	33.0N	5.4	5.7 H 5.8 BRK
2524	1970	12	14	08	01	42.8	1.35	80.88	33.0N	4.8	
2525	1970	12	14	08	28	51.6	4.04	80.95	33.0D	4.9	
2527	1970	12	14	10	46	26.4	1.46	80.92	33.0N	4.2	
2538	1970	12	22	01	48	30.2	3.96	80.82	33.0D	5.5	4.4 H
2542	1970	12	25	08	03	40.8	3.91	81.09	33.0N	4.1	
2544	1970	12	27	03	10	5.3	3.87	80.91	33.0N	4.8	
2573	1971	02	01	20	34	25.6	2.21	80.61	33.0N	4.1	
2602	1971	05	14	10	04	4.1	8.95	80.66	33.0N	5.2	
2607	1971	05	21	18	48	54.5	2.51	78.70	33.0A		
2615	1971	05	29	00	12	22.7	16.59	70.53	33.0A	4.4	
2617	1971	05	31	11	34	19.2	4.09	80.88	33.0N	4.8	
2618	1971	06	01	07	13	34.9	13.94	73.66	33.0A		
2623	1971	06	12	07	59	33.6	9.91	80.14	33.0A		
2625	1971	06	24	05	07	12.6	7.34	73.64	33.0A		
2629	1971	06	29	01	53	20.4	3.68	78.31	33.0A		
2645	1971	08	25	04	11	38.6	7.33	80.36	33.0N	5.0	
2649	1971	09	07	05	32	47.6	4.09	80.83	33.0D	4.7	
2655	1971	09	20	10	44	37.5	13.41	77.14	33.0N	4.3	
2656	1971	09	22	00	40	12.4	7.06	80.48	33.0N	5.3	
2664	1971	09	30	10	21	22.5	9.68	78.82	33.0N	4.7	
2666	1971	10	03	10	29	26.4	12.71	77.20	33.0N	4.6	
2668	1971	10	03	15	27	38.8	12.62	77.59	33.0N	4.2	
2676	1971	10	23	07	49	4.9	11.21	79.36	33.0N	4.9	
2720	1972	03	11	00	38	31.7	9.42	75.49	33.0	4.9	
2727	1972	03	20	16	50	27.1	6.81	76.85	33.0N	5.4	4.3 H
2755	1972	04	19	10	57	32.1	0.56	77.42	33.0	4.4	
2819	1972	07	05	20	21	55.8	15.68	75.19	33.0N	5.1	
2850	1972	08	16	01	26	11.8	11.73	73.94	33.0A		
2901	1972	10	26	17	56	25.6	9.88	80.12	33.0A	4.4	
2957	1973	02	11	12	53	52.6	5.54	80.91	33.0N	4.6	
2960	1973	02	23	23	10	51.5	2.26	78.35	33.0N	4.6	
2961	1973	02	28	13	36	39.6	9.15	77.57	33.0N	4.8	
2972	1973	03	07	02	01	38.7	11.16	74.77	33.0N	4.4	
3004	1973	04	19	04	28	43.6	14.65	76.27	33.0N	4.7	



## IV-24

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3017	1973	05	05	15	47	4.7	18.32	70.87	33.0N	4.3	
3018	1973	05	08	15	54	47.8	19.56	71.22	33.0N	4.4	
3084	1973	08	07	02	05	15.8	7.20	80.77	33.0N	5.1	
3092	1973	08	24	05	09	51.8	15.98	76.57	33.0N	4.7	
3129	1973	10	23	14	20	51.5	8.57	78.37	33.0N	4.8	4.5 H
3132	1973	10	30	20	49	52.2	9.53	81.76	33.0A		
3138	1973	11	04	21	06	55.3	1.40	79.53	33.0N	4.5	
3143	1973	11	09	04	43	17.5	14.99	76.30	33.0A		
3148	1973	11	12	14	20	36.1	10.72	79.16	33.0N	5.0	4.4 H
3181	1973	12	03	05	08	7.6	9.85	79.49	33.0N	4.7	
3167	1973	12	24	18	18	10.2	12.62	77.47	33.0N	5.4	
3179	1974	01	14	17	35	17.0	8.56	77.74	33.0	5.2	4.5 H
3180	1974	01	16	11	15	0.6	16.13	73.56	33.0A		
3193	1974	02	03	03	24	18.5	15.39	74.56	33.0A		
3195	1974	02	05	00	18	23.4	3.85	71.07	33.0A	4.5	
3205	1974	02	12	03	53	18.2	16.81	71.71	33.0A		
3208	1974	02	15	08	36	8.1	11.95	77.73	33.0A		
3220	1974	03	16	02	47	16.2	14.99	74.37	33.0A		
3221	1974	03	19	10	06	39.4	10.26	76.26	33.0A		
3231	1974	04	08	06	46	51.2	15.45	73.47	33.0A		
3233	1974	04	09	15	59	23.8	4.81	81.93	33.0A		
3243	1974	04	25	08	56	44.0	16.99	70.66	33.0N	5.3	4.8 H
3251	1974	05	13	03	28	44.0	5.60	78.87	33.0A		
3259	1974	05	25	00	31	15.7	10.14	75.53	33.0N	4.4	
3262	1974	05	29	10	27	58.7	5.65	80.94	33.0N	4.3	
3286	1974	07	02	19	34	10.4	15.97	75.15	33.0N	4.8	4.8 H
3292	1974	07	07	03	43	42.4	10.98	73.83	33.0A		
3297	1974	07	17	12	40	52.5	18.37	69.53	33.0A		
3298	1974	07	17	14	26	25.0	17.50	72.73	33.0N	4.5	
3308	1974	08	06	15	04	48.8	16.36	74.37	33.0A		
3316	1974	08	21	15	41	43.6	11.56	75.70	33.0N	4.7	
3340	1974	10	03	14	35	22.4	12.64	78.06	33.0N	5.0	
3341	1974	10	03	15	28	18.5	12.45	76.50	33.0N	4.6	
3348	1974	10	03	20	39	24.9	12.40	77.64	33.0N	4.8	4.8 H
3349	1974	10	03	20	49	32.6	12.46	78.12	33.0N	4.6	
3351	1974	10	03	21	56	57.2	13.43	77.03	33.0N	4.8	4.9 H
3359	1974	10	04	14	40	5.8	12.92	77.54	33.0A	4.2	GS
3360	1974	10	04	18	11	55.0	13.38	77.41	33.0A	4.3	GS
3364	1974	10	05	17	57	59.8	13.76	76.64	33.0N	4.7	
3365	1974	10	05	20	08	44.2	12.81	77.76	33.0N	4.4	
3371	1974	10	07	04	57	51.3	12.25	77.94	33.0N	5.0	4.7 H
3372	1974	10	07	11	40	27.7	13.48	76.95	33.0N	4.5	
3375	1974	10	08	15	39	34.7	4.42	80.93	33.0N	5.0	

## EARTHQUAKE CATALOG OF PERU

IV-25

0 km  $\leq$  h  $\leq$  33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3378	1974	10	09	02	59	0.4	12.74	77.18	33.0N	4.4	4.4 H
3379	1974	10	09	17	49	54.9	12.52	77.73	33.0N	4.8	
3380	1974	10	09	21	54	32.2	12.88	76.89	33.0N	4.9	
3383	1974	10	10	20	57	47.5	12.99	77.54	33.0N	4.8	
3386	1974	10	12	01	07	59.5	13.81	77.88	33.0A	4.2 GS	
3387	1974	10	13	07	52	48.6	12.63	77.13	33.0N	4.2	
3388	1974	10	13	17	34	28.2	12.56	77.16	33.0N	4.0	
3404	1974	10	28	01	21	19.0	13.23	77.54	33.0A		
3409	1974	11	02	00	57	37.1	12.53	77.87	33.0N	4.9	
3414	1974	11	08	08	48	14.1	18.03	72.08	33.0A		
3417	1974	11	11	07	23	22.3	11.13	78.90	33.0N	4.7	4.5 H
3419	1974	11	12	00	53	54.2	10.73	79.08	33.0N	5.0	
3420	1974	11	14	19	17	35.2	12.85	77.08	33.0	5.4	
3421	1974	11	15	02	50	22.9	5.73	79.96	33.0A		
3430	1974	11	22	03	33	56.8	3.78	79.44	33.0A	4.5	
3455	1975	01	02	11	31	21.1	15.06	73.05	33.0A		5.3 H
3467	1975	02	01	12	50	44.5	5.94	79.53	33.0N	4.7	
3470	1975	02	11	02	26	57.5	15.27	76.20	33.0N	4.5	
3471	1975	02	11	12	03	39.2	9.96	79.24	33.0N	4.6	
3479	1975	03	01	14	53	19.0	8.45	81.97	33.0N	5.5	
3482	1975	03	12	02	39	40.8	15.39	75.22	33.0A	4.1	4.9 H
3489	1975	03	31	10	33	11.8	9.66	79.76	33.0N	4.9	
3490	1975	03	31	11	52	21.1	10.68	80.48	33.0N	4.5	
3497	1975	04	11	09	18	59.0	0.69	78.75	33.0A		
3500	1975	04	18	12	34	9.8	12.49	77.98	33.0N	5.3	
3513	1975	05	09	03	11	3.4	15.60	73.07	33.0A		5.2 Z
3519	1975	05	25	21	43	41.4	17.22	71.76	33.0N	4.2	
3522	1975	06	03	20	18	2.0	6.17	75.15	33.0D	5.0	
3526	1975	06	08	15	09	59.7	14.41	72.69	33.0A		
3527	1975	06	09	10	58	35.7	17.00	72.16	33.0A		
3536	1975	06	27	10	43	17.2	16.84	72.16	33.0A		4.7
3539	1975	07	01	16	06	49.0	17.06	72.51	33.0A		
3540	1975	07	05	10	58	55.9	19.07	71.34	33.0N	4.7	
3550	1975	08	03	16	28	8.5	17.14	76.56	33.0A		
3553	1975	08	10	04	20	15.2	9.75	79.04	33.0N	4.7	
3555	1975	08	10	06	16	13.0	12.06	78.34	33.0A	4.2 GS	4.3 Z
3556	1975	08	10	10	04	49.7	0.73	78.86	33.0A		
3562	1975	08	24	15	30	8.7	5.49	77.22	33.0N	5.1	
3565	1975	08	26	17	51	57.1	19.26	69.23	33.0A		
3568	1975	09	02	23	54	41.4	19.43	69.05	33.0A		
3576	1975	10	09	13	34	15.5	12.27	77.96	33.0	5.4	3.5 Z
3581	1975	10	18	22	57	56.3	9.77	79.86	33.0N	4.9	
3582	1975	10	20	09	37	8.2	12.42	76.88	33.0A		

## IV-28

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	M <sub>s</sub>
3588	1975	10	30	18	19	57.2	6.88	81.81	33.0N	4.7	3.3 Z
3595	1975	11	20	08	09	11.5	11.85	73.20	33.0A	3.8 GS	
3596	1975	11	28	18	32	34.4	16.82	75.76	33.0A		
3598	1975	11	29	08	26	56.2	5.12	77.57	33.0	4.8	
3599	1975	12	06	09	48	51.3	15.48	75.48	33.0A		
3607	1975	12	27	03	23	35.7	14.86	76.96	33.0A		
3613	1976	01	09	17	14	54.9	14.13	72.97	33.0A		
3615	1976	01	18	23	28	49.9	12.00	77.53	33.0N	4.8	
3621	1976	02	01	09	45	24.0	19.31	70.49	33.0A		
3624	1976	02	11	18	31	39.0	19.99	69.66	33.0N		
3631	1976	03	08	10	38	46.9	8.71	80.48	33.0N	4.4	
3632	1976	03	10	04	37	23.3	10.53	74.83	33.0A		
3641	1976	03	31	22	23	54.4	10.47	75.42	33.0A		
3643	1976	04	02	07	56	16.4	10.39	73.03	33.0A		
3644	1976	04	06	09	07	26.1	15.72	75.05	33.0A		
3656	1976	05	13	03	59	19.7	3.77	81.13	33.0N	4.4	
3657	1976	05	15	21	55	58.5	11.64	74.48	33.0N	6.0	6.6 Z
3658	1976	05	15	23	28	16.1	11.55	74.38	33.0N	5.3	6.5 PAS
3667	1976	05	23	22	21	2.1	6.96	74.07	33.0N	4.7	
3671	1976	05	27	04	17	51.8	8.43	80.22	33.0A		
3676	1976	06	05	10	50	7.4	17.99	70.07	33.0A		
3677	1976	06	07	19	07	56.8	16.72	74.25	33.0A		
3679	1976	06	13	22	02	47.6	15.31	75.42	33.0N	5.6	5.6 Z
3682	1976	06	18	10	13	51.0	15.30	75.50	33.0N	5.6	5.6 BRK
3693	1976	07	09	10	50	25.0	10.05	75.95	33.0N		5.5 Z
3694	1976	07	10	08	00	26.7	15.67	75.70	33.0A		5.6 BRK
3695	1976	07	13	09	21	45.9	7.44	73.93	33.0A	4.9	
3699	1976	07	24	05	49	2.4	11.92	77.60	33.0N	4.8	
3710	1976	08	22	12	22	5.8	19.56	70.54	33.0A		
3713	1976	08	26	07	21	11.5	12.57	76.77	33.0A		
3717	1976	09	02	02	34	29.3	4.24	79.70	33.0A		
3719	1976	09	12	20	00	57.3	16.58	73.44	33.0A		
3726	1976	09	29	06	49	10.4	6.92	75.84	33.0A		
3727	1976	10	02	16	16	3.3	0.37	77.66	33.0A		
3729	1976	10	05	16	36	29.1	0.63	78.74	33.0N	5.2	
3730	1976	10	06	09	12	38.9	0.75	78.78	33.0N	5.7	
3737	1976	10	15	01	29	46.8	19.87	70.47	33.0A		
3740	1976	10	17	03	58	39.3	9.94	77.49	33.0A	4.9	
3742	1976	10	19	10	18	29.2	18.75	69.39	33.0A		
3751	1976	11	15	23	46	5.8	19.81	71.38	33.0A		

## EARTHQUAKE CATALOG OF PERU

IV-27

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3755	1976	11	20	22	37	27.7	6.53	80.84	33.0N	4.9	
3758	1976	11	28	10	42	6.4	19.12	70.15	33.0A		
3761	1976	12	02	13	34	19.1	13.52	68.14	33.0A		
3766	1976	12	26	04	18	35.5	0.81	77.63	33.0N	5.2	
3769	1976	12	31	04	05	29.1	11.89	74.29	33.0A		
3772	1977	01	16	17	15	47.1	15.61	75.09	33.0N	4.2	
3775	1977	01	19	18	53	27.7	18.48	72.11	33.0		
3786	1977	02	13	13	09	31.7	12.20	73.92	33.0N	4.6	
3797	1977	03	09	14	34	4.3	12.47	74.04	33.0A		
3800	1977	03	11	12	44	12.6	12.01	73.79	33.0A		
3801	1977	03	12	05	46	36.0	16.41	74.19	33.0A		
3803	1977	03	13	15	36	7.1	9.75	79.89	33.0N	4.9	
3806	1977	03	17	16	58	41.6	0.65	78.77	33.0N	4.5	
3811	1977	03	24	20	20	31.3	12.37	74.06	33.0A		
3813	1977	03	27	18	09	59.8	16.67	75.35	33.0A		
3815	1977	04	02	10	53	48.8	13.53	74.87	33.0A		
3820	1977	04	14	06	24	9.9	12.61	71.67	33.0A		
3821	1977	04	23	19	38	19.9	12.48	74.21	33.0A		
3823	1977	04	26	20	29	41.6	19.00	69.64	33.0A		
3831	1977	05	06	12	52	38.1	15.88	75.03	33.0N	5.0	4.4 Z
3847	1977	05	14	16	50	53.3	12.84	74.36	33.0A		
3848	1977	05	14	20	26	21.2	12.70	73.53	33.0		
3850	1977	05	18	05	55	13.4	1.08	81.48	33.0A		
3851	1977	05	21	12	02	22.1	1.50	80.90	33.0N	4.7	
3855	1977	05	22	03	02	12.7	1.75	81.19	33.0A		
3860	1977	05	27	06	49	0.4	14.94	73.09	33.0A		
3861	1977	05	28	07	27	10.6	2.39	80.13	33.0N	4.5	
3862	1977	05	28	21	08	56.7	13.22	74.95	33.0A		
3863	1977	05	29	23	48	26.5	14.69	73.81	33.0A		
3864	1977	05	30	13	35	46.0	14.05	75.88	33.0A		
3865	1977	05	31	15	30	31.5	19.43	69.29	33.0A		
3869	1977	06	09	15	58	25.1	4.14	82.55	33.0A	4.8	
3870	1977	06	10	15	04	7.1	15.14	76.78	33.0A		
3872	1977	06	13	01	02	1.8	5.62	77.41	33.0N	4.7	
3873	1977	06	21	15	32	8.0	15.87	75.50	33.0A	4.6	GS
3874	1977	06	21	20	07	45.3	19.31	69.47	33.0A		
3875	1977	06	24	06	32	5.0	16.17	75.05	33.0A		
3876	1977	06	25	01	28	8.7	15.51	71.78	33.0A		
3882	1977	07	16	16	34	17.5	2.06	78.84	33.0A	4.8	GS
3884	1977	07	20	16	45	0.8	7.36	74.00	33.0A		
3886	1977	07	24	23	25	36.4	5.58	77.39	33.0N	4.8	
3888	1977	07	26	18	09	6.2	16.53	73.51	33.0A		
3890	1977	07	30	05	22	19.2	5.48	77.21	33.0N	4.9	4.5 Z

## IV-28

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3892	1977	08	01	04	18	28.1	16.90	71.59	33.0A		
3898	1977	08	14	10	58	10.9	19.39	71.78	33.0N	5.1	
3907	1977	09	10	18	52	8.5	16.86	72.81	33.0A		
3908	1977	09	12	05	29	53.1	16.31	75.28	33.0N	4.8	
3909	1977	09	13	01	41	5.4	17.37	72.17	33.0A		
3911	1977	09	18	06	55	35.3	16.40	73.70	33.0A		
3915	1977	09	24	12	05	58.7	16.79	72.28	33.0A		
3926	1977	10	19	16	25	53.5	16.68	74.22	33.0A		
3927	1977	10	20	10	00	1.5	8.25	80.14	33.0N	5.2	4.6 Z
3934	1977	11	08	01	07	4.0	16.30	74.42	33.0A		
3936	1977	11	09	02	55	24.2	17.01	71.54	33.0A		
3941	1977	11	20	15	00	2.2	16.02	76.01	33.0N		
3942	1977	11	21	15	12	37.8	14.88	76.77	33.0A		
3946	1977	12	01	07	49	25.2	14.09	76.98	33.0A	4.7 GS	
3948	1977	12	05	04	38	26.3	11.63	74.23	33.0	4.5	
3950	1977	12	19	06	37	19.9	15.49	76.06	33.0A		
3966	1978	01	30	07	03	49.1	10.65	79.99	33.0A	5.0	5.3
3972	1978	02	22	12	38	22.0	18.88	70.62	33.0A		
3979	1978	03	21	01	00	49.1	15.36	74.80	33.0N	4.9	4.0 Z
3982	1978	03	29	07	30	3.1	8.97	79.81	33.0N	4.7	
3987	1978	04	10	13	40	40.4	5.61	81.22	33.0N	5.1	4.9 Z
3991	1978	04	16	15	50	26.8	3.99	83.01	33.0A	4.5	
3995	1978	04	22	15	33	1.9	14.13	76.73	33.0N	4.3	
3997	1978	04	23	01	58	49.1	2.09	81.10	33.0N	4.8	3.7 Z
4012	1978	05	22	21	41	21.8	12.31	78.04	33.0N		
4019	1978	06	09	04	08	39.2	7.81	73.72	33.0N	4.6	
4025	1978	06	28	09	04	52.7	5.37	79.56	33.0N		
4026	1978	06	29	17	41	10.8	8.48	80.37	33.0N	4.8	
4028	1978	07	03	05	24	55.0	6.07	81.23	33.0A	4.6	
4033	1978	07	23	19	07	36.6	18.18	69.04	33.0A		
4034	1978	07	25	15	38	16.5	14.97	75.76	33.0A		
4035	1978	07	28	10	32	34.0	3.72	80.41	33.0A	4.0	
4039	1978	07	30	18	18	6.3	19.70	70.00	33.0A		
4056	1978	09	26	13	39	4.1	1.55	80.87	33.0N	4.7	
4062	1978	10	21	20	26	58.0	16.31	74.81	33.0A		
4064	1978	11	04	04	21	10.3	5.80	81.06	33.0N	5.0	
4068	1978	11	10	07	31	20.0	10.78	79.18	33.0N	4.3	
4072	1978	11	14	06	40	58.1	11.06	78.66	33.0N	4.8	
4074	1978	11	18	18	00	58.0	17.10	71.38	33.0A		
4076	1978	11	22	06	24	17.6	7.34	75.90	33.0N	4.9	
4077	1978	11	24	15	16	42.2	4.82	80.96	33.0N	5.1	4.2 Z
4079	1978	12	17	21	11	56.0	14.96	71.33	33.0A		
4082	1978	12	20	22	20	0.5	19.74	69.99	33.0N		

## EARTHQUAKE CATALOG OF PERU

IV-29

0 km ≤ h ≤ 33 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4085	1978	12	24	23 13 42.6	2.73	79.95	33.0N	4.7	
4086	1978	12	26	04 25 28.1	11.96	77.77	33.0N	4.8	
4089	1978	12	27	09 33 20.6	1.86	76.28	33.0N	4.0	
4093	1979	01	06	01 31 47.6	8.88	75.73	33.0N	5.7	5.5 Z 5.7 BRK
4102	1979	01	24	23 03 32.8	10.48	79.17	33.0N	4.9	
4103	1979	01	26	18 41 59.2	17.90	72.68	33.0A		
4105	1979	02	06	05 02 8.4	14.71	76.16	33.0A		
4106	1979	02	12	16 01 30.4	15.22	75.82	33.0N	4.7	
4113	1979	02	17	04 58 42.9	17.56	72.75	33.0N		
4116	1979	02	19	23 50 47.4	17.42	72.73	33.0A		
4121	1979	02	26	16 08 36.4	16.13	75.15	33.0A	5.1	
4123	1979	03	01	05 37 9.4	6.52	81.06	33.0N	5.1	
4124	1979	03	02	19 17 17.2	9.82	78.97	33.0N	4.8	
4127	1979	03	07	10 22 43.2	8.54	80.17	33.0N	4.9	3.6 Z
4128	1979	03	10	06 13 12.1	15.40	71.38	33.0A		
4139	1979	04	13	19 25 33.1	12.84	77.09	33.0A		
4154	1979	05	20	01 43 24.5	6.32	77.39	33.0A	4.4	
4158	1979	05	27	10 44 37.9	19.40	70.68	33.0A		
4169	1979	06	06	20 15 51.4	15.96	75.11	33.0A		
4172	1979	06	09	01 25 6.1	15.55	75.21	33.0A		
4173	1979	06	09	04 11 59.8	15.02	70.34	33.0A		
4175	1979	06	09	20 50 30.1	8.70	75.87	33.0A		
4176	1979	06	12	14 32 2.6	18.11	71.08	33.0A		
4179	1979	06	13	15 46 11.1	7.76	80.64	33.0N	4.7	
4184	1979	06	17	11 19 32.4	16.88	72.80	33.0A		
4186	1979	06	21	01 21 57.8	15.67	75.94	33.0N	5.3	
4187	1979	06	23	15 46 42.9	16.42	74.38	33.0A		
4191	1979	07	03	16 04 34.7	12.80	77.63	33.0A	5.0	
4194	1979	07	23	07 50 12.6	17.93	73.59	33.0A		
4195	1979	07	27	05 27 37.2	2.45	80.88	33.0N		
4197	1979	07	30	13 43 14.9	7.06	78.08	33.0N	4.6	
4205	1979	08	13	08 25 59.0	9.48	75.55	33.0A	4.6	
4206	1979	08	17	04 22 31.3	14.82	76.29	33.0A		
4207	1979	08	21	01 52 31.5	19.50	69.93	33.0A		
4210	1979	08	24	10 48 55.1	14.52	75.85	33.0N	4.7	
4211	1979	08	24	11 06 28.4	9.37	79.81	33.0N	4.6	
4212	1979	08	26	12 19 0.4	6.97	80.60	33.0N	4.9	
4216	1979	09	10	04 25 7.5	3.24	75.55	33.0A		
4218	1979	09	12	18 45 3.1	10.78	74.50	33.0N	4.9	
4227	1979	10	10	04 28 2.4	17.22	73.82	33.0N		
4229	1979	10	11	17 47 31.8	5.41	77.13	33.0N	4.9	
4230	1979	10	11	17 48 37.2	5.41	77.21	33.0N	5.2	

## IV-30

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4234	1979	10	28	05	13	16.7	16.27	75.20	33.0N	4.7	4.8 Z
4239	1979	11	15	13	36	29.7	16.42	74.81	33.0N	5.4	
4240	1979	11	18	13	50	45.4	6.46	73.91	33.0N	5.0	
4246	1979	12	05	17	21	32.0	17.32	72.49	33.0A		
4249	1979	12	15	18	09	18.3	16.58	74.07	33.0A		
4257	1979	12	31	05	28	4.9	7.98	80.40	33.0A	4.2	5.1 Z
4258	1979	12	31	19	28	23.0	2.90	81.94	33.0A	4.2	
4259	1980	01	02	22	27	12.1	10.87	79.12	33.0N	5.2	
4262	1980	01	03	21	06	40.7	10.87	79.09	33.0N	5.3	
4263	1980	01	03	23	08	32.6	0.12	77.97	33.0A		
4264	1980	01	04	07	32	49.8	10.85	79.18	33.0N	5.1	
4265	1980	01	05	05	13	29.3	11.16	79.17	33.0N	5.0	
4266	1980	01	08	03	59	8.4	18.27	71.23	33.0A		
4271	1980	01	19	04	34	56.1	9.83	80.03	33.0N	4.8	
4273	1980	01	20	07	49	25.7	9.46	79.36	33.0N	4.9	
4276	1980	02	01	23	43	41.6	12.26	77.97	33.0N		
4278	1980	02	05	23	16	3.8	13.60	77.34	33.0A		
4282	1980	02	18	02	45	53.0	8.98	74.78	33.0A		
4284	1980	02	20	02	25	40.9	16.80	72.98	33.0A		
4286	1980	03	02	10	03	28.0	9.19	78.92	33.0N	5.1	
4293	1980	03	07	09	11	9.2	17.85	73.24	33.0A	4.5	
4295	1980	03	09	11	35	4.0	17.77	73.19	33.0A		
4307	1980	04	04	08	18	56.4	10.62	82.16	33.0A		
4313	1980	04	12	09	14	44.4	9.96	78.44	33.0A	4.6	
4316	1980	04	21	17	25	14.0	16.80	73.01	33.0N		
4319	1980	05	06	07	37	50.1	17.25	72.93	33.0A		3.7 ISC
4327	1980	05	25	02	09	48.9	15.18	76.49	33.0A		
4331	1980	05	26	23	54	11.6	19.74	69.24	33.0A		
4335	1980	06	09	09	16	12.3	14.44	76.65	33.0A		
4339	1980	06	16	00	00	17.7	16.29	76.21	33.0A	4.8	
4340	1980	06	16	08	32	58.6	16.87	76.85	33.0A		
4343	1980	06	17	07	23	33.7	15.79	76.54	33.0A		
4353	1980	07	15	04	01	51.8	5.66	81.11	33.0A	4.5	
4361	1980	08	05	10	21	49.9	5.52	79.11	33.0A	4.5	
4362	1980	08	11	19	41	5.8	15.54	75.18	33.0N	5.1	
4363	1980	08	16	19	22	33.5	13.05	74.39	33.0N	5.1	
4368	1980	08	22	08	53	46.8	9.82	79.82	33.0N	4.6	
4369	1980	08	27	05	00	24.2	15.49	75.14	33.0A		
4373	1980	09	04	20	18	58.4	4.80	77.75	33.0A		
4374	1980	09	08	12	48	6.8	11.80	76.17	33.0A		
4376	1980	09	15	01	14	4.3	4.29	80.89	33.0A	4.4	4.9
4377	1980	09	16	22	08	22.6	7.11	75.81	33.0N	4.9	
4379	1980	09	17	22	19	12.2	16.30	73.74	33.0A		

## EARTHQUAKE CATALOG OF PERU

IV-31

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4381	1980	09	20	14	11	54.9	18.42	74.10	33.0A		
4387	1980	10	01	14	21	15.3	9.03	78.70	33.0N		
4388	1980	10	03	13	24	35.0	14.49	73.04	33.0A		
4389	1980	10	04	15	37	11.4	17.86	73.99	33.0A		
4392	1980	10	16	09	16	54.4	19.71	69.00	33.0A	4.8	
4393	1980	10	17	17	41	9.6	14.42	76.02	33.0N	4.5	
4395	1980	10	26	14	02	31.5	15.32	72.57	33.0A		
4397	1980	10	28	20	20	19.7	17.09	73.88	33.0N	4.7	
4398	1980	10	29	00	23	31.0	18.83	69.48	33.0A		
4405	1980	11	10	23	33	6.4	13.20	74.53	33.0A		
4406	1980	11	11	12	45	20.2	13.35	74.50	33.0A		
4408	1980	11	12	08	19	48.5	1.14	77.82	33.0A	4.1	
4411	1980	11	12	16	09	32.0	13.18	74.51	33.0N		
4412	1980	11	12	21	44	40.9	13.08	74.35	33.0A		
4413	1980	11	13	01	51	27.9	13.18	74.38	33.0A		
4414	1980	11	14	06	32	29.9	13.27	74.65	33.0A		
4416	1980	11	16	19	56	25.0	13.20	74.29	33.0N		
4417	1980	11	21	13	20	33.0	8.68	75.93	33.0A	4.4	
4418	1980	11	23	23	03	32.7	1.73	73.47	33.0A		
4420	1980	11	24	20	34	18.7	14.90	76.23	33.0N	5.1	
4422	1980	12	03	14	34	41.9	16.78	75.18	33.0A		
4425	1980	12	11	22	56	22.0	16.35	75.91	33.0A		
4427	1980	12	14	08	42	55.2	19.49	71.14	33.0A		
4428	1980	12	14	09	21	38.3	12.99	74.33	33.0A		
4430	1980	12	16	00	35	11.6	17.05	69.97	33.0N	4.9	4.4 Z
4433	1980	12	22	11	05	25.6	17.08	70.08	33.0N	4.9	4.9 Z
4437	1980	12	25	00	51	4.5	4.12	81.15	33.0N	5.1	
4440	1980	12	29	01	19	22.0	12.28	71.26	33.0N	4.8	
4442	1980	12	31	08	56	45.2	16.05	74.14	33.0A		
4444	1981	01	06	08	40	56.7	11.08	79.36	33.0A	4.2	
4449	1981	01	24	09	02	1.9	13.20	74.39	33.0N	4.6	
4452	1981	01	28	04	37	55.0	10.29	75.45	33.0N	4.7	4.3 Z
4456	1981	02	02	07	54	26.8	19.42	69.45	33.0A		
4458	1981	02	05	08	25	2.0	12.97	74.31	33.0A		
4461	1981	02	16	13	59	31.8	13.10	74.48	33.0N	5.0	3.6 ISC
4464	1981	02	27	09	15	9.5	15.87	75.66	33.0N	4.7	
4465	1981	02	28	21	56	13.5	6.41	81.42	33.0N	5.3	6.0 Z 6.3 PAS
4467	1981	03	04	08	38	20.4	2.34	81.08	33.0A	4.6	
4473	1981	03	13	18	09	26.0	3.71	82.08	33.0N		
4480	1981	03	21	20	47	43.2	10.68	75.02	33.0A	5.0	
4483	1981	03	28	06	45	28.2	16.00	72.84	33.0A		
4484	1981	03	28	11	42	34.5	13.59	77.71	33.0A		



## IV-32

0 km ≤ h ≤ 33 km

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
4485	1981	03	29	15 19 18.0	14.75	75.95	33.0A		
4486	1981	03	29	16 11 18.0	13.83	77.19	33.0A		
4487	1981	03	31	11 57 26.5	15.04	75.78	33.0A		
4490	1981	04	09	10 03 47.0	13.15	73.92	33.0A		
4494	1981	04	11	10 22 8.7	5.50	77.34	33.0N	4.9	
4495	1981	04	12	01 26 11.4	13.03	74.29	33.0A		
4496	1981	04	13	10 08 47.1	15.02	71.96	33.0N		
4498	1981	04	13	14 03 1.5	4.34	81.10	33.0N	4.7	
4501	1981	04	14	15 55 30.9	13.14	74.42	33.0N		
4504	1981	04	18	08 34 36.5	12.87	74.21	33.0A		
4506	1981	04	18	18 28 10.4	13.06	74.39	33.0A		
4507	1981	04	19	01 57 36.8	13.24	74.44	33.0N		
4508	1981	04	19	02 26 58.9	13.21	74.32	33.0A		
4509	1981	04	19	03 29 17.1	13.21	73.62	33.0A		
4510	1981	04	19	20 33 46.0	13.21	74.53	33.0N		
4511	1981	04	20	04 46 19.2	13.25	74.05	33.0A		
4512	1981	04	20	09 44 29.8	13.21	74.53	33.0N		
4514	1981	04	20	19 52 19.3	13.15	76.84	33.0A	4.9	
4515	1981	04	21	09 22 39.0	13.28	74.58	33.0A		
4516	1981	04	22	09 47 21.5	2.82	78.74	33.0A	4.4	
4517	1981	04	23	09 34 36.8	13.20	74.67	33.0A		
4519	1981	04	23	21 57 40.1	15.69	74.99	33.0N	4.5	
4523	1981	04	26	11 47 49.7	14.39	76.01	33.0N		
4525	1981	04	27	09 23 19.4	9.85	75.58	33.0N	4.5	
4527	1981	04	28	13 27 30.8	13.19	74.48	33.0N		
4529	1981	04	29	18 04 20.8	14.47	75.08	33.0N		
4530	1981	05	01	08 20 34.9	13.17	74.38	33.0A		
4531	1981	05	01	11 21 4.4	13.20	75.26	33.0A		
4532	1981	05	01	13 11 6.1	13.21	74.45	33.0A		
4537	1981	05	06	09 30 55.0	18.27	75.25	33.0A		
4538	1981	05	06	21 34 48.8	2.03	80.98	33.0N	5.3	6.3 ISC
4539	1981	05	06	21 36 6.8	1.89	80.89	33.0N	6.0	6.4 Z
4544	1981	05	10	13 49 17.3	8.44	82.04	33.0A	4.4	6.0 BRK
4547	1981	05	13	03 58 11.0	1.36	78.43	33.0N	4.7	
4555	1981	05	23	12 59 0.1	13.21	74.23	33.0A		
4556	1981	05	24	08 51 6.0	5.58	78.76	33.0N	4.2	
4557	1981	05	24	19 28 4.6	13.27	74.46	33.0A		
4563	1981	06	05	09 21 40.8	13.11	74.49	33.0A		
4567	1981	06	06	17 59 40.5	16.64	73.39	33.0A		
4570	1981	06	10	08 37 17.2	8.62	72.80	33.0A		
4572	1981	06	16	23 54 11.4	13.14	74.41	33.0N		
4574	1981	06	20	01 03 57.2	17.54	72.48	33.0A		

## EARTHQUAKE CATALOG OF PERU

## IV-33

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4576	1981	08	22	07	12	47.4	15.45	75.73	33.0A		
4578	1981	08	22	18	39	0.7	13.22	74.46	33.0A		
4580	1981	08	22	23	13	2.5	13.09	74.36	33.0A		
4582	1981	08	23	03	20	27.0	13.50	74.58	33.0N		
4583	1981	08	23	06	49	32.7	13.15	74.47	33.0A		
4584	1981	06	23	23	40	25.5	13.19	74.46	33.0A		
4585	1981	06	24	07	54	22.3	4.97	81.11	33.0A	4.4	
4587	1981	06	26	19	36	24.8	13.42	76.93	33.0A		
4588	1981	06	27	07	52	41.1	13.36	74.49	33.0N		
4594	1981	07	04	06	40	39.7	13.13	74.39	33.0A		
4597	1981	07	05	02	07	32.5	17.68	73.19	33.0A		
4601	1981	07	10	12	41	28.2	13.19	74.43	33.0A		
4602	1981	07	13	19	47	34.8	8.71	76.82	33.0N	4.9	
4603	1981	07	13	20	12	32.5	15.34	74.04	33.0A		
4604	1981	07	13	22	53	55.2	3.63	81.32	33.0A	4.4	
4605	1981	07	15	21	37	54.0	12.74	74.12	33.0A		
4606	1981	07	16	02	47	41.6	13.74	76.66	33.0N		
4607	1981	07	16	05	27	59.5	10.31	77.87	33.0N	4.6	
4609	1981	07	18	01	49	15.4	13.16	74.13	33.0A		
4610	1981	07	18	18	14	32.6	16.98	73.63	33.0N	4.6	
4612	1981	07	21	13	11	29.6	8.41	80.16	33.0A	4.5	
4613	1981	07	21	18	34	45.6	17.90	69.71	33.0A		
4616	1981	07	25	00	15	50.9	16.64	75.00	33.0N		
4618	1981	07	26	08	07	24.6	12.99	73.95	33.0A		
4619	1981	07	28	17	10	28.1	13.32	74.15	33.0A		
4621	1981	07	29	11	10	4.5	11.09	77.49	33.0N		
4622	1981	07	29	12	42	22.3	13.57	77.11	33.0A		
4623	1981	07	29	15	07	45.2	13.36	74.42	33.0N		
4627	1981	08	06	07	14	10.3	16.71	73.52	33.0A	4.7	GS
4636	1981	08	21	03	11	7.9	15.23	77.26	33.0A		
4638	1981	08	21	23	03	25.7	19.76	71.51	33.0A		
4639	1981	08	22	04	13	15.8	11.99	77.10	33.0N		
4640	1981	08	25	10	13	17.0	14.24	73.07	33.0N		
4641	1981	08	26	01	00	55.2	14.87	76.21	33.0N		
4643	1981	08	26	22	02	51.5	13.98	77.80	33.0A		
4644	1981	08	27	10	25	55.4	13.13	74.45	33.0N		
4646	1981	08	29	00	36	50.0	13.72	74.56	33.0A		
4647	1981	09	01	07	21	29.2	12.83	77.32	33.0A		
4648	1981	09	02	05	01	13.7	12.64	75.39	33.0A		
4652	1981	09	08	21	06	22.4	14.09	76.48	33.0N		
4655	1981	09	11	10	08	28.2	13.52	74.86	33.0A		
4656	1981	09	11	14	14	15.8	15.78	73.16	33.0N		
4658	1981	09	15	15	08	12.5	10.60	74.58	33.0N	4.7	

## IV-34

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4659	1981	09	16	08	29	0.1	13.20	72.75	33.0N		
4660	1981	09	17	21	03	53.6	14.21	73.90	33.0N		
4661	1981	09	18	05	02	44.7	14.32	76.06	33.0N		
4664	1981	09	21	19	01	41.1	15.68	75.31	33.0A		
4669	1981	10	03	08	42	8.9	19.83	69.89	33.0A		
4670	1981	10	04	00	32	59.1	16.49	72.58	33.0A		
4671	1981	10	04	15	18	26.4	17.20	73.73	33.0A		
4673	1981	10	04	22	45	54.1	14.41	76.13	33.0N	4.8	
4675	1981	10	07	08	03	21.4	17.95	71.73	33.0N	4.4	
4677	1981	10	08	00	12	33.0	6.62	81.31	33.0N	4.6	
4679	1981	10	10	17	33	39.0	12.63	75.66	33.0A		
4680	1981	10	11	22	21	12.3	12.52	77.27	33.0N		
4681	1981	10	11	23	50	6.0	19.76	71.39	33.0A		
4685	1981	10	15	15	39	42.7	12.12	77.08	33.0N		
4688	1981	10	18	09	24	36.9	12.32	75.78	33.0N		
4689	1981	10	24	17	01	34.9	15.61	74.49	33.0N	4.7	4.0 Z
4691	1981	10	27	11	01	56.3	11.57	74.19	33.0A	4.4	
4693	1981	10	29	15	15	17.1	11.86	75.69	33.0N		
4697	1981	10	31	15	21	37.8	19.92	71.21	33.0N	4.7	
4698	1981	11	01	05	35	0.4	19.87	70.95	33.0A	4.5	
4699	1981	11	02	09	48	8.9	12.55	76.61	33.0A		
4703	1981	11	04	01	10	22.8	10.22	79.76	33.0A	4.4	
4704	1981	11	06	15	57	59.6	13.88	76.97	33.0A		
4705	1981	11	07	05	37	47.0	15.02	76.93	33.0A		
4706	1981	11	10	05	49	26.3	16.38	74.47	33.0A		
4707	1981	11	10	11	22	43.4	10.25	74.98	33.0A		5.0
4709	1981	11	15	08	43	35.9	17.69	73.46	33.0N		
4712	1981	11	17	17	12	19.5	18.43	69.36	33.0A		
4715	1981	11	21	00	11	54.9	17.89	73.44	33.0N		
4716	1981	11	21	00	41	41.8	15.23	72.37	33.0A		
4717	1981	11	21	23	51	55.8	19.50	69.58	33.0A		
4719	1981	11	23	00	04	1.2	15.40	74.19	33.0N		
4720	1981	11	24	00	37	39.0	15.17	75.97	33.0A		
4722	1981	11	24	11	20	40.1	11.57	76.07	33.0A		
4723	1981	11	25	15	35	52.1	19.95	70.82	33.0A		
4728	1981	12	02	07	05	14.0	12.56	77.56	33.0A		
4730	1981	12	04	00	36	28.5	15.82	75.91	33.0N		
4732	1981	12	04	16	47	53.6	15.34	73.68	33.0A		
4735	1981	12	06	13	59	10.8	13.35	76.97	33.0A		
4736	1981	12	07	09	36	44.3	12.52	76.30	33.0N		
4738	1981	12	10	00	28	5.0	16.92	72.83	33.0A		
4740	1981	12	11	08	52	34.8	15.37	69.72	33.0A		
4742	1981	12	11	17	22	54.2	15.79	75.52	33.0N		

## EARTHQUAKE CATALOG OF PERU

IV-35

0 km ≤ h ≤ 33 km

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
4743	1981	12	13	18 34 19.7	19.56	69.71	33.0A		
4744	1981	12	14	03 28 18.2	15.75	75.51	33.0N		
4746	1981	12	15	14 38 35.7	17.67	71.07	33.0A		
4750	1981	12	21	03 18 0.9	12.48	76.02	33.0N		
4753	1981	12	21	21 10 18.2	9.67	72.79	33.0A		
4754	1981	12	23	15 45 44.0	12.05	76.42	33.0N		
4757	1981	12	25	15 27 18.8	13.61	76.43	33.0N		
4759	1981	12	27	18 08 18.7	16.56	76.06	33.0N		
4762	1982	01	03	02 05 21.2	5.37	81.31	33.0N	4.7	3.8 Z
4765	1982	01	07	01 36 59.2	16.51	75.62	33.0A		
4769	1982	01	16	15 38 33.2	13.02	73.96	33.0A		
4773	1982	01	29	02 28 28.3	18.56	71.27	33.0A		
4774	1982	01	30	07 30 22.7	16.16	72.74	33.0N		
4775	1982	02	02	07 11 29.2	8.74	74.51	33.0A		
4776	1982	02	02	09 36 14.1	13.02	76.95	33.0A		
4778	1982	02	03	06 55 8.5	13.74	74.57	33.0A		
4779	1982	02	04	04 15 1.2	13.15	74.14	33.0A		
4780	1982	02	04	18 57 43.6	4.99	77.51	33.0N	5.3	4.0 ISC
4782	1982	02	08	06 03 0.9	16.89	74.20	33.0N		
4783	1982	02	09	07 39 37.4	16.61	74.37	33.0N		
4785	1982	02	13	07 22 33.8	11.94	75.55	33.0A		
4786	1982	02	13	09 01 1.7	10.84	78.74	33.0N	4.8	
4788	1982	02	18	04 37 39.2	16.16	74.73	33.0A		
4790	1982	02	23	08 27 13.9	14.19	74.33	33.0N		
4792	1982	02	24	15 41 10.7	14.68	75.19	33.0N		
4793	1982	02	24	16 00 29.4	15.28	74.44	33.0N		
4794	1982	02	24	16 48 16.3	11.44	76.39	33.0N		
4795	1982	02	25	01 23 57.2	13.79	74.76	33.0N		
4796	1982	02	27	22 09 52.2	12.22	77.02	33.0N		
4803	1982	03	07	23 47 17.7	10.79	75.13	33.0A		
4804	1982	03	08	09 38 27.5	12.31	79.08	33.0A	4.1	
4808	1982	03	13	20 11 27.2	17.15	71.99	33.0A	4.4	
4809	1982	03	14	07 22 19.4	17.44	72.09	33.0A		
4810	1982	03	16	04 30 16.1	16.36	73.46	33.0A		
4811	1982	03	19	03 05 18.0	5.77	75.32	33.0N		
4813	1982	03	22	23 28 42.8	16.32	75.53	33.0A		
4817	1982	03	27	11 13 30.0	6.78	82.72	33.0N	4.7	
4818	1982	03	28	01 29 27.6	4.44	81.26	33.0A	4.5	
4823	1982	04	06	04 37 30.7	14.03	76.07	33.0A		
4825	1982	04	11	12 21 30.0	2.95	78.64	33.0N	5.4	4.2 ISC
4828	1982	04	15	07 01 37.0	10.51	75.24	33.0N		
4829	1982	04	15	21 45 56.6	12.81	77.47	33.0N		
4831	1982	04	17	04 29 24.3	2.33	78.28	33.0N	4.4	

## IV-36

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4832	1982	04	18	09	33	50.2	14.06	76.67	33.0A		
4834	1982	04	18	17	49	15.7	10.49	75.55	33.0A		
4839	1982	04	22	03	31	14.0	15.42	74.30	33.0A		
4840	1982	04	22	04	10	14.6	17.67	76.91	33.0N		
4841	1982	04	25	14	39	14.3	11.17	78.57	33.0N	4.9	
4842	1982	04	28	09	56	30.7	2.92	78.79	33.0A	4.1	
4843	1982	04	28	18	03	2.6	14.28	75.64	33.0A		
4845	1982	05	05	06	40	44.4	15.83	74.20	33.0A		
4847	1982	05	08	05	12	19.6	16.00	75.44	33.0N	4.3	
4849	1982	05	09	11	07	43.3	16.48	74.74	33.0A		
4850	1982	05	12	09	09	15.4	17.77	73.78	33.0N		
4855	1982	05	24	20	24	35.6	11.65	74.19	33.0N		
4856	1982	05	25	02	57	35.3	12.76	75.22	33.0A		
4859	1982	05	27	09	48	20.1	15.63	73.20	33.0A		
4860	1982	05	28	02	15	37.2	14.71	74.41	33.0A		
4861	1982	05	28	21	10	26.6	13.55	76.37	33.0A		
4862	1982	06	02	17	33	4.0	16.73	73.99	33.0N	4.8	
4865	1982	06	04	01	32	7.4	18.69	70.83	33.0A	4.8	3.6
4870	1982	06	15	20	26	18.9	11.44	76.67	33.0A		
4871	1982	06	16	09	51	34.5	14.31	73.81	33.0A		
4873	1982	06	26	01	30	51.8	15.17	76.46	33.0A	4.8	3.7
4874	1982	06	27	20	50	22.3	14.84	76.35	33.0N	4.4	
4875	1982	06	31	00	33	11.0	4.47	78.39	33.0A		
4879	1982	07	06	06	47	43.5	16.28	74.59	33.0A		
4882	1982	07	11	17	42	31.5	14.02	76.06	33.0N		
4883	1982	07	11	22	37	16.9	12.95	75.34	33.0A		
4885	1982	07	13	01	56	12.6	12.75	78.22	33.0N	4.5	
4889	1982	07	25	01	23	39.0	12.00	74.17	33.0N		
4890	1982	07	25	04	06	53.8	12.73	81.03	33.0N		
4891	1982	07	25	07	10	40.4	13.09	76.88	33.0N		
4893	1982	07	26	19	02	36.3	18.63	69.25	33.0A		
4894	1982	07	26	19	58	23.0	18.66	69.19	33.0A		
4895	1982	07	30	07	09	15.4	11.94	76.36	33.0N		
4896	1982	07	31	09	19	40.7	15.96	74.66	33.0N		
4897	1982	07	31	21	07	41.4	13.84	72.44	33.0A		
4898	1982	08	02	09	38	45.1	15.55	74.58	33.0A		
4899	1982	08	02	09	59	12.7	13.47	70.51	33.0N	4.3	
4903	1982	08	04	20	59	46.0	15.00	73.98	33.0A		
4904	1982	08	04	23	06	29.4	15.62	75.92	33.0A		
4905	1982	08	05	14	27	50.9	15.28	75.87	33.0N		
4910	1982	08	10	04	51	48.6	5.35	77.37	33.0N	5.5	4.5 ISC
4912	1982	08	10	15	02	25.2	19.28	69.50	33.0A		
4914	1982	08	12	08	27	6.3	6.68	75.79	33.0A	4.7	

## EARTHQUAKE CATALOG OF PERU

## IV-37

0 km  $\leq$  h  $\leq$  33 km

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	(deg)	(deg)	(km)	<i>mb</i>	<i>Ms</i>
4915	1982 08 12	08 27 29.0	8.46	75.38	33.0N		
4917	1982 08 12	23 53 16.9	16.36	74.68	33.0N		
4918	1982 08 14	22 45 8.9	15.06	73.48	33.0A		
4920	1982 08 16	19 35 47.6	14.61	71.58	33.0A		
4922	1982 08 20	15 32 3.3	19.56	70.15	33.0A		
4926	1982 08 23	10 59 17.3	15.01	74.05	33.0A		
4927	1982 08 24	05 32 22.3	14.92	73.92	33.0A		
4928	1982 08 25	11 27 26.7	14.86	73.69	33.0A		
4930	1982 08 27	15 14 53.3	14.90	74.66	33.0N		
4932	1982 08 29	00 59 20.7	19.36	70.32	33.0N	5.1	4.5 Z
4935	1982 08 30	02 37 29.6	13.99	76.51	33.0N		
4936	1982 08 31	10 39 25.2	12.58	75.78	33.0A		
4937	1982 09 01	02 03 46.9	18.89	69.91	33.0A		
4938	1982 09 02	04 51 59.3	15.55	75.30	33.0A		
4939	1982 09 03	05 55 24.8	8.73	80.20	33.0N	4.7	
4940	1982 09 04	21 32 30.7	12.76	71.78	33.0A		
4941	1982 09 05	04 33 59.3	17.10	72.75	33.0A		
4946	1982 09 12	16 57 56.2	6.98	80.31	33.0N	4.7	
4947	1982 09 13	06 07 31.2	15.02	76.96	33.0A		
4949	1982 09 17	14 18 34.0	16.82	74.18	33.0A		
4952	1982 09 25	05 48 30.1	11.97	74.32	33.0A		
4954	1982 09 27	02 59 46.8	15.07	75.56	33.0N		
4956	1982 10 03	19 08 35.3	13.31	76.66	33.0A		
4959	1982 10 05	02 01 40.4	17.03	74.68	33.0N	4.6	
4960	1982 10 05	20 40 5.9	12.66	77.24	33.0A		
4964	1982 10 09	03 11 20.8	15.36	74.86	33.0A		
4966	1982 10 10	08 53 57.3	15.03	71.72	33.0N		
4970	1982 10 16	15 42 31.2	12.32	75.70	33.0A		
4971	1982 10 17	07 39 12.3	6.01	82.45	33.0A	4.4	
4974	1982 10 18	15 30 10.9	14.66	74.86	33.0A		
4975	1982 10 20	03 14 8.0	12.68	77.09	33.0N		
4976	1982 10 21	20 46 32.3	15.41	76.06	33.0A		
4978	1982 10 23	00 20 59.3	12.98	74.52	33.0N		
4983	1982 10 26	15 58 1.5	15.02	70.86	33.0N	5.2	
4984	1982 10 26	20 19 25.7	19.41	71.14	33.0A		
4985	1982 10 27	00 04 18.3	13.30	75.04	33.0N		
4987	1982 10 31	00 26 43.1	14.15	74.90	33.0A		
4990	1982 11 10	08 17 42.5	9.53	75.28	33.0A		
4991	1982 11 12	13 32 31.8	14.34	75.13	33.0N		
4994	1982 11 16	19 46 48.8	1.50	78.39	33.0A	4.7	
4995	1982 11 17	01 38 58.6	13.86	76.59	33.0N		
4998	1982 11 19	05 07 48.8	10.41	74.90	33.0N	4.7	
4999	1982 11 19	12 34 18.0	10.73	74.78	33.0N	5.1	

## IV-38

 $0 \text{ km} \leq h \leq 33 \text{ km}$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5000	1982	11	19	14	04	3.1	10.36	74.92	33.0N	4.4	
5001	1982	11	20	14	43	37.9	10.67	74.53	33.0N	4.2	
5002	1982	11	21	14	58	23.5	10.36	75.44	33.0A		
5003	1982	11	22	04	20	30.9	16.47	73.52	33.0N	4.9	3.9 Z
5004	1982	11	22	15	36	28.5	15.23	75.71	33.0A		
5007	1982	11	26	15	55	13.7	10.91	74.18	33.0N		
5009	1982	11	27	15	02	54.8	10.74	74.45	33.0N	4.5	
5011	1982	11	29	22	55	24.0	13.10	80.05	33.0N	4.9	
5015	1982	12	05	23	43	50.0	17.03	73.00	33.0A		
5017	1982	12	09	10	23	43.4	18.04	73.02	33.0A		
5018	1982	12	11	04	44	0.0	10.50	74.89	33.0N	4.8	
5019	1982	12	11	08	48	9.0	16.61	74.82	33.0A		
5022	1982	12	13	09	46	10.8	11.42	75.67	33.0A		
5023	1982	12	14	06	26	23.5	11.52	75.70	33.0N		
5025	1982	12	18	05	24	14.2	10.74	74.77	33.0N	4.6	
5026	1982	12	18	10	15	6.2	6.39	75.69	33.0N	5.4	4.3 Z
5030	1982	12	24	03	25	29.5	12.89	76.10	33.0N		
5032	1982	12	25	15	22	15.5	16.93	73.75	33.0A		
5033	1982	12	26	18	05	35.2	13.81	74.70	33.0N		
5039	1983	01	02	04	00	11.4	13.83	75.72	33.0N		
5040	1983	01	02	08	08	24.1	13.77	76.15	33.0N		
5041	1983	01	12	03	06	55.1	10.77	74.63	33.0N	5.0	
5043	1983	01	24	20	58	54.0	15.59	75.51	33.0N	4.7	
5045	1983	02	03	19	13	29.9	12.67	77.05	33.0N		
5047	1983	02	13	14	01	36.3	4.97	80.33	33.0N	4.4	
5051	1983	02	18	23	24	9.5	13.93	76.44	33.0N	5.1	3.8 Z
5052	1983	02	19	07	43	1.5	12.33	76.72	33.0N		
5053	1983	02	21	00	53	31.0	15.14	76.20	33.0N	5.3	4.5 Z
5055	1983	02	26	05	47	38.9	12.87	76.14	33.0N		
5056	1983	02	26	09	36	14.3	16.88	72.23	33.0N		
5059	1983	02	28	13	23	55.4	10.60	75.18	33.0N		
5064	1983	03	13	14	08	4.2	16.89	75.15	33.0N	4.4	
5066	1983	03	15	11	27	42.6	8.17	80.00	33.0D	5.5	5.4 Z
5069	1983	03	27	18	59	34.1	13.97	74.96	33.0N		
5070	1983	03	31	04	34	21.8	10.98	75.50	33.0N		
5073	1983	04	08	07	19	3.5	10.82	78.29	33.0N	4.8	
5077	1983	04	13	00	14	52.7	10.71	75.27	33.0N	4.7	
5079	1983	04	13	15	00	33.8	4.47	81.98	33.0N	4.9	4.7 Z
5080	1983	04	14	03	49	7.6	17.29	72.23	33.0N		
5087	1983	04	23	04	56	34.6	12.76	75.27	33.0N		
5088	1983	04	23	12	46	44.9	13.35	76.42	33.0N		
5089	1983	04	27	06	56	34.2	18.27	70.14	33.0N		
5094	1983	05	14	15	41	19.9	15.97	73.74	33.0N		

## EARTHQUAKE CATALOG OF PERU

IV-39

0 km ≤ h ≤ 33 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5100	1983	05	22	05	39	43.3	12.38	75.31	33.0N		
5107	1983	06	18	18	11	7.8	15.45	76.12	33.0N		
5111	1983	06	21	19	00	32.8	13.40	76.81	33.0N		
5112	1983	06	22	08	08	12.6	15.17	72.74	33.0N	4.9	
5115	1983	06	29	16	51	44.2	15.47	75.70	33.0N		
5120	1983	07	21	07	03	31.4	1.15	80.74	33.0N	4.8	
5121	1983	07	22	07	16	4.0	8.72	80.84	33.0N	4.6	
5126	1983	08	06	14	20	43.7	5.69	80.02	33.0N	4.7	
5127	1983	08	09	19	19	58.5	8.35	79.83	33.0N	5.2	
5128	1983	08	17	22	15	40.9	16.42	73.62	33.0N	4.2	
5133	1983	08	25	08	41	12.7	17.94	71.99	33.0N		
5134	1983	09	01	19	24	22.1	8.78	79.65	33.0N	4.7	
5159	1983	11	17	08	09	9.4	13.50	77.08	33.0N		
5169	1983	12	11	16	12	0.4	13.84	77.19	33.0N	5.0	
5172	1983	12	19	15	26	53.6	18.72	71.38	33.0N		
5176	1983	12	24	08	35	38.0	2.16	78.77	33.0N	4.5	
5177	1983	12	25	05	32	40.2	5.09	73.36	33.0N	5.4	
5178	1983	12	30	09	31	55.4	2.09	77.68	33.0N	4.6	
5191	1984	02	09	04	31	17.7	14.16	76.19	33.0N	5.4	4.7 Z
5192	1984	02	21	03	20	45.0	1.54	81.06	33.0N	4.7	
5193	1984	02	21	03	38	33.0	1.53	80.93	33.0N	4.9	
5198	1984	03	11	07	43	49.0	6.45	76.09	33.0N	4.8	
5205	1984	04	22	13	21	13.2	13.97	74.27	33.0N	4.6	3.8 Z
5206	1984	04	22	18	57	37.8	0.53	78.05	33.0N	4.6	
5209	1984	04	26	21	43	47.0	2.08	78.69	33.0N	4.9	
5211	1984	05	03	14	43	53.0	13.92	76.33	33.0N		
5212	1984	05	03	15	51	57.3	17.38	70.26	33.0N	4.8	
5213	1984	05	05	22	48	55.2	12.64	77.98	33.0N	5.0	
5226	1984	06	05	04	15	24.4	7.82	76.71	33.0N	5.8	5.1 Z
5227	1984	06	05	22	33	20.1	7.75	76.70	33.0N	5.0	5.1 BRK
5231	1984	06	14	08	08	23.0	7.28	76.72	33.0N	4.6	
5240	1984	07	22	21	00	37.6	14.92	71.74	33.0N		
5249	1984	08	07	19	13	51.9	10.91	79.03	33.0N	4.9	
5251	1984	08	18	00	33	3.3	14.18	73.57	33.0N		
5256	1984	08	26	08	27	43.8	18.89	69.61	33.0N		
5257	1984	08	28	00	01	18.9	16.65	71.31	33.0N		
5258	1984	08	31	16	05	1.0	11.26	74.38	33.0N	5.1	4.8 Z
5265	1984	10	22	11	43	51.6	16.87	73.20	33.0N	4.8	
5267	1984	11	20	14	26	28.1	3.03	80.40	33.0N	4.8	
5272	1984	12	14	07	58	34.3	16.90	73.25	33.0N	4.8	



## IV-40

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5080	1983	02	28	13	54	50.5	7.34	78.40	33.3	5.1	4.2 Z
4579	1981	06	22	18	40	15.2	13.03	74.43	33.8	4.7	
5116	1983	07	08	02	03	12.7	19.85	70.59	33.8	5.4	
5189	1984	02	08	14	20	12.9	7.26	76.47	33.9	5.0	
5225	1984	06	03	04	10	26.9	7.80	76.78	33.9	5.3	
961	1963	08	04	12	07	24.4	4.10	80.90	34.0	4.7	4.2 Z
1327	1965	08	13	00	54	43.5	4.30	80.90	34.0	5.2	
1567	1966	09	18	11	33	18.2	15.40	76.50	34.0	4.5	
1568	1966	09	20	14	32	43.2	15.20	75.50	34.0	4.8	
1977	1968	06	22	09	16	50.0	5.51	77.03	34.0	4.6	
1994	1968	06	26	16	34	12.7	5.58	77.17	34.0	5.0	
2007	1968	07	07	12	35	50.0	5.42	76.87	34.0	4.4	
2110	1969	01	04	05	38	6.7	6.05	77.71	34.0	4.2	
2220	1969	08	06	03	50	44.0	3.48	80.20	34.0	4.6 ISC	
2370	1970	06	01	06	05	43.0	9.24	77.59	34.0	5.2 ISC	
2502	1970	12	10	21	46	41.7	3.94	80.81	34.0D	5.0	4.1 H
2504	1970	12	11	03	57	21.1	3.74	80.61	34.0D	4.7	
2534	1970	12	18	22	14	7.1	3.94	81.17	34.0D	4.5	
2580	1971	03	16	00	25	3.0	8.46	77.81	34.0	4.8	
2595	1971	05	04	17	28	10.9	8.27	77.84	34.0	4.9	
2827	1972	07	17	04	02	57.2	14.43	76.20	34.0	5.0	
3001	1973	04	15	23	02	11.5	14.61	76.09	34.0	5.0	
3265	1974	06	01	21	11	26.1	2.59	80.20	34.0	4.9	
3838	1977	05	09	17	57	39.8	8.38	77.43	34.0	4.8	
3900	1977	08	15	16	49	39.3	4.32	80.88	34.0D	4.9	
4219	1979	09	13	04	40	58.7	5.36	77.52	34.0	5.0	4.5 Z
4321	1980	05	14	14	44	16.9	17.22	73.02	34.0	5.0	
4969	1982	10	16	11	12	15.5	16.20	73.78	34.0D	5.0	
2627	1971	06	27	07	40	39.9	16.65	74.24	34.3		
5119	1983	07	21	06	46	2.9	1.22	80.91	34.4D	5.0	
5210	1984	05	03	10	02	15.2	9.61	74.44	34.4D	4.8	
5219	1984	05	13	23	53	29.6	3.94	80.83	34.7D	5.3	
720	1960	12	29	11	04	20.4	10.20	75.90	35.0		
732	1961	02	10	08	49	14.1	11.60	73.10	35.0		
776	1961	08	14	01	56	56.2	3.40	81.30	35.0		
1091	1964	04	01	04	26	52.7	2.80	80.10	35.0	4.5	4.5 Z
1176	1964	10	11	14	19	11.5	17.90	71.50	35.0	5.2	
1487	1966	05	26	00	53	22.8	17.20	73.10	35.0	4.1	
1500	1966	06	07	01	20	6.4	14.90	76.20	35.0	4.4	
1735	1967	06	09	01	00	29.9	18.60	71.50	35.0	4.2	
1905	1968	04	15	07	47	40.3	5.80	80.90	35.0	4.9	
1916	1968	05	09	12	52	24.4	5.31	81.72	35.0D	5.6	
2198	1969	07	04	07	21	49.7	4.13	81.01	35.0	4.4	

## EARTHQUAKE CATALOG OF PERU

IV-41

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2227	1969	08	20	06	32	49.7	13.35	77.71	35.0G	4.6	
2317	1970	02	14	11	17	16.1	9.88	75.57	35.0	5.9	5.4 H
2444	1970	08	16	13	03	26.7	0.29	78.86	35.0G	4.3	
2514	1970	12	12	19	47	53.4	2.60	79.20	35.0	4.0	ISC
2532	1970	12	17	15	16	47.1	4.36	80.88	35.0G	4.7	
2561	1971	01	09	20	30	37.9	18.56	73.12	35.0	4.7	
2633	1971	07	17	17	56	13.9	4.00	80.83	35.0G	4.8	
2721	1972	03	13	17	35	15.0	9.76	78.72	35.0	5.0	
3019	1973	05	08	19	34	31.3	19.58	71.11	35.0	4.4	
3225	1974	03	28	21	22	46.2	3.24	78.14	35.0	4.1	
3329	1974	09	19	00	08	37.7	10.38	78.95	35.0	4.6	
3363	1974	10	05	08	29	50.8	12.34	77.74	35.0	4.7	4.2 H
3462	1975	01	21	14	25	23.1	9.89	79.10	35.0	5.4	4.7 H
3782	1977	02	07	21	18	32.7	16.51	73.41	35.0	5.2	
3998	1978	04	24	10	58	41.9	14.56	76.01	35.0	4.9	4.3 Z
4986	1982	10	29	15	33	40.1	4.23	80.65	35.0D	5.3	4.1 Z
4933	1982	08	29	03	55	46.2	12.87	76.82	35.7		
890	1962	11	23	00	44	50.6	15.30	76.00	36.0		
1070	1964	02	21	21	52	12.4	7.70	79.50	36.0	4.3	
1309	1965	07	15	08	31	24.6	6.60	80.90	36.0	4.4	
1494	1966	06	04	14	48	9.1	15.80	74.40	36.0	4.2	
1576	1966	10	10	20	28	33.2	19.70	70.80	36.0	4.4	
1842	1967	11	21	12	05	9.6	16.10	74.40	36.0	4.3	
1906	1968	04	17	06	54	19.6	5.60	77.10	36.0	4.9	
2235	1969	09	02	16	35	40.8	17.83	72.05	36.0	5.0	
2337	1970	04	01	10	50	41.3	15.51	74.96	36.0	5.2	4.8 H
2350	1970	05	17	21	24	22.6	7.28	80.69	36.0	4.9	
2507	1970	12	11	20	24	9.3	4.11	80.90	36.0D	4.7	
4446	1981	01	13	12	46	54.7	18.05	71.50	36.0D	5.0	
5006	1982	11	23	08	19	21.3	10.43	74.93	36.3	4.9	
3463	1975	01	22	03	34	26.0	10.19	79.56	36.6	4.3	
5243	1984	07	29	06	02	29.1	5.29	76.60	36.8	4.4	
757	1961	06	02	18	26	12.6	3.00	80.40	37.0		
1350	1965	09	26	05	47	56.2	13.00	70.30	37.0	4.3	
1381	1965	11	29	17	07	2.0	6.00	78.60	37.0	5.5	
1394	1965	12	10	02	59	17.4	6.40	80.80	37.0	4.5	
1466	1966	04	15	10	14	58.7	2.90	80.40	37.0	4.0	
1761	1967	07	14	03	19	26.8	17.60	72.30	37.0	5.1	
1792	1967	08	23	02	40	23.3	19.60	71.10	37.0	4.2	
1810	1967	09	27	06	02	39.5	7.30	81.30	37.0	5.1	
1996	1968	06	27	07	10	35.0	5.57	77.07	37.0	4.4	
2025	1968	07	30	20	38	42.0	6.93	80.46	37.0	5.8	6.4 H
2199	1969	07	05	04	55	33.7	5.64	77.16	37.0	5.2	5.1 H

## IV-42

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2334	1970	03	25	13	21	6.4	2.43	79.08	37.0	4.7	4.8 PAL
2458	1970	10	04	20	20	4.5	8.92	75.60	37.0	4.1	
2508	1970	12	11	10	24	36.2	3.95	80.72	37.0D	5.7	5.4 H
2554	1971	01	05	10	55	35.2	3.88	80.92	37.0	4.7	5.4 BRK
2558	1971	01	08	01	00	4.7	3.97	80.39	37.0	4.4	
2586	1971	04	03	10	22	47.2	8.86	80.66	37.0	5.1	
3187	1974	01	24	20	04	12.2	14.70	76.42	37.0A		
3744	1976	10	25	22	19	4.9	17.83	71.17	37.0	5.3	
3854	1977	05	21	20	26	6.0	1.59	80.97	37.0	4.3	
4297	1980	03	12	04	27	34.4	15.21	75.71	37.0	5.0	4.4 Z
4409	1980	11	12	11	15	32.9	13.28	74.52	37.0	4.9	3.6 Z
4564	1981	06	05	23	34	54.6	3.90	80.71	37.0D	5.3	
4571	1981	06	14	16	31	2.1	8.54	79.69	37.0D	4.6	
5194	1984	02	22	05	16	26.8	4.03	80.81	37.1D	4.5	
5170	1983	12	16	09	11	51.4	10.17	74.99	37.6D	5.0	
996	1963	10	28	02	50	30.1	13.60	76.90	38.0	4.1	
1277	1965	05	20	09	55	13.8	3.90	80.80	38.0	4.5	
1520	1966	07	05	23	50	17.8	15.80	75.80	38.0	4.8	
1651	1966	12	18	23	59	33.9	10.60	79.00	38.0	4.7	
1732	1967	06	04	18	28	39.6	15.50	75.70	38.0	4.7	
1751	1967	06	26	02	10	30.6	2.60	78.30	38.0	3.8	
1799	1967	09	03	21	07	30.8	10.60	79.80	38.0	6.5	
1907	1968	04	20	14	07	23.3	8.30	80.10	38.0	4.6	
1944	1968	06	19	09	28	1.0	5.70	77.12	38.0	4.7	
2142	1969	03	13	22	19	37.2	8.03	80.08	38.0D	5.4	5.1 H
2148	1969	03	25	21	22	20.9	14.60	74.93	38.0	4.2	
2550	1971	01	01	16	55	23.7	1.28	80.81	38.0	4.3	
2702	1972	01	13	18	31	20.5	0.14	80.48	38.0	4.8	
2826	1972	07	17	03	51	0.2	14.48	76.26	38.0	4.8	
3012	1973	04	28	13	03	3.7	18.53	71.19	38.0	4.2	
4168	1979	06	04	12	10	44.4	9.73	79.77	38.0	5.0	4.6 Z
4503	1981	04	18	00	32	39.8	13.14	74.38	38.0	5.3	4.8 Z
3822	1977	04	23	20	33	50.0	12.26	74.10	38.1		
4881	1982	07	11	02	13	37.7	16.65	73.21	38.7	5.3	5.2 Z
721	1960	12	29	19	01	38.1	18.90	69.40	39.0		
813	1961	12	09	03	58	55.4	14.90	75.70	39.0		5.0 PAL
840	1962	04	18	19	14	37.2	10.00	79.00	39.0	6.7	
1094	1964	04	09	21	54	42.1	18.50	71.50	39.0	5.2	
1454	1966	03	28	15	29	21.2	4.00	80.90	39.0	5.6	5.0 BRK
1457	1966	03	28	18	56	19.7	4.00	80.70	39.0	4.3	
1592	1966	10	17	23	46	51.5	10.00	79.50	39.0	5.2	

## EARTHQUAKE CATALOG OF PERU

## IV-43

33 km &lt; h ≤ 100 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1608	1966	10	20	23 50 54.3	10.70	79.00	39.0	4.6	
1675	1967	02	13	10 25 44.0	5.18	75.41	39.0	5.3	
1825	1967	10	22	23 46 35.8	14.80	76.00	39.0	4.4	
1896	1968	03	21	21 24 49.4	1.10	78.70	39.0	4.2	
2286	1969	12	10	06 53 13.8	10.27	75.58	39.0	4.4	
2731	1972	03	23	04 49 43.5	6.86	76.63	39.0	4.1	
2814	1972	07	03	14 53 10.1	13.95	74.56	39.0	4.6	4.2 H
2830	1972	07	17	09 25 0.1	14.52	76.24	39.0	4.9	
2837	1972	07	22	19 56 12.7	3.30	76.88	39.0	4.3	
3485	1975	03	19	13 07 5.1	1.09	80.88	39.0	4.4	
3868	1977	06	08	01 44 43.4	9.15	79.34	39.0	4.7	3.7 Z
4021	1978	06	09	09 22 12.2	4.91	80.87	39.0	4.5	
4615	1981	07	22	07 40 53.9	11.12	78.14	39.0D	4.9	
3899	1977	08	14	11 30 31.5	8.28	80.06	39.8	4.9	GS
4505	1981	04	18	14 29 52.4	13.16	74.44	39.8	5.1	
95	1933	02	23	08 09 12.0	20.00	71.00	40.0		7.6 PAS
912	1963	03	04	18 31 51.0	15.80	75.30	40.0	4.9	
1121	1964	05	31	19 58 9.9	9.20	79.50	40.0	4.3	
1129	1964	06	09	15 31 29.6	4.77	77.90	40.0	4.4	ISC
1148	1964	07	18	11 13 14.2	18.40	70.90	40.0	4.8	
1593	1966	10	18	01 03 44.0	10.80	78.90	40.0	4.3	
1595	1966	10	18	01 56 16.5	10.60	78.90	40.0	4.6	
1754	1967	07	03	05 28 11.4	16.00	74.90	40.0	4.7	
1790	1967	08	22	10 27 52.8	19.60	71.00	40.0	4.0	
2123	1969	02	03	21 37 33.5	5.74	77.09	40.0	4.9	
2315	1970	02	09	16 15 53.6	12.77	77.22	40.0	4.6	
2427	1970	07	10	08 45 32.0	9.00	79.10	40.0	4.5	ISC
2539	1970	12	22	15 08 34.6	4.05	80.61	40.0G	4.9	
2681	1971	11	04	03 33 53.7	3.93	80.83	40.0	4.3	
2709	1972	01	29	02 18 37.4	17.90	71.40	40.0	5.0	4.1 H
2771	1972	05	13	14 24 24.7	3.82	80.71	40.0	4.9	
3009	1973	04	26	16 44 13.7	6.94	80.21	40.0D	4.7	
3036	1973	06	06	19 32 47.4	2.07	79.96	40.0	4.1	
3284	1974	06	29	06 13 37.1	10.23	75.48	40.0	4.4	
3483	1975	03	18	01 10 53.6	10.07	75.28	40.0D	5.5	4.4 H
3965	1978	01	26	02 19 44.6	10.86	74.23	40.0		
4334	1980	06	03	19 17 40.1	13.44	72.62	40.0	4.9	4.4 ISC
4448	1981	01	23	01 08 53.2	14.59	70.52	40.0	5.3	
4708	1981	11	11	07 52 42.6	8.87	72.93	40.0	4.7	3.7 Z
4944	1982	09	11	08 01 41.1	7.58	75.56	40.0	4.8	
3684	1976	06	18	17 10 42.6	15.43	75.69	40.3		
973	1963	09	02	04 10 18.4	14.10	76.40	41.0	4.5	
1508	1966	06	11	11 04 11.6	14.60	75.80	41.0	4.4	

## IV-44

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1590	1968	10	17	23	04	23.3	10.30	78.60	41.0	5.1	
1607	1968	10	20	22	22	48.6	12.00	71.70	41.0	4.5	
1705	1967	04	13	05	30	4.0	6.16	76.52	41.0	4.8	
1903	1968	04	11	01	01	14.6	14.60	71.00	41.0	4.4	
2027	1968	08	02	07	33	1.0	0.94	78.13	41.0	4.0	
2057	1968	09	18	04	23	40.3	9.27	75.72	41.0	4.3	
3005	1973	04	22	20	00	43.8	16.68	74.32	41.0	3.7	
3336	1974	09	27	16	09	3.7	12.43	77.58	41.0	5.0	4.2 H
3535	1975	06	27	09	17	54.6	1.92	80.99	41.0	4.5	
3792	1977	03	08	13	08	56.3	11.96	74.20	41.0	5.6	5.6 Z
3837	1977	05	09	04	48	46.2	1.25	80.92	41.0	4.8	
3954	1978	01	01	16	34	1.9	17.19	73.75	41.0		
4049	1978	09	01	17	55	36.4	16.45	73.78	41.0	4.9	
4596	1981	07	04	22	39	56.4	13.09	74.43	41.0	4.7	3.8 ISC
3589	1975	10	31	10	20	47.9	18.33	71.75	41.1	4.2	GS
3651	1976	05	05	02	39	43.9	2.85	80.47	41.3		
5253	1984	08	18	16	51	38.7	18.10	71.14	41.7D	5.1	
3745	1976	10	27	00	05	49.9	1.26	77.95	41.8	5.2	
4565	1981	06	06	05	05	14.8	14.06	76.26	41.9		
774	1961	07	30	07	25	46.8	5.40	78.70	42.0		
803	1961	10	17	00	16	16.7	13.70	76.10	42.0		
1035	1963	12	27	00	09	59.5	13.40	72.70	42.0	4.1	
1387	1965	12	03	08	32	25.7	3.60	77.70	42.0	4.7	
1467	1966	04	27	13	53	51.7	17.60	70.90	42.0	4.4	
1485	1966	05	25	16	29	54.5	17.60	70.90	42.0	4.2	
2077	1968	11	07	02	44	30.1	5.90	77.15	42.0	4.3	
2340	1970	04	07	17	41	30.0	0.19	80.67	42.0	4.4	
2379	1970	06	02	02	32	10.7	10.37	78.74	42.0D	4.3	
2546	1970	12	27	23	08	42.4	1.23	80.81	42.0	4.7	
2667	1971	10	03	14	58	25.9	12.76	77.36	42.0	5.2	
2995	1973	04	06	00	51	1.9	17.06	72.50	42.0	4.9	
3680	1976	06	14	19	59	11.3	15.99	76.45	42.0A		
3834	1977	05	08	18	00	0.0	1.23	81.10	42.0	5.1	4.6 Z
3980	1978	03	24	00	31	22.1	5.22	75.59	42.0	5.3	
4092	1979	01	06	00	16	24.6	16.01	75.11	42.0	4.4	
4148	1979	05	03	19	30	34.7	19.81	70.40	42.0	5.2	4.0 ISC
4288	1980	03	06	09	46	15.4	6.09	71.18	42.0	5.0	
4499	1981	04	13	21	32	51.0	8.82	72.90	42.0	5.0	
4892	1982	07	25	19	22	35.2	3.37	80.59	42.0D	4.7	
3796	1977	03	09	12	41	24.0	12.35	74.18	42.7	4.5	GS
946	1963	06	30	11	09	49.8	7.30	75.20	43.0	4.3	
1310	1965	07	23	15	13	22.4	8.80	79.50	43.0	5.3	
1531	1966	07	29	08	26	4.2	12.70	71.10	43.0	4.3	

## EARTHQUAKE CATALOG OF PERU

IV-45

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1588	1968	10	17	21	53	14.0	10.80	78.20	43.0	5.5	
1805	1966	10	19	17	37	56.9	10.80	79.00	43.0	4.8	
1860	1967	12	23	22	57	43.7	6.60	78.50	43.0	4.5	
1908	1968	04	21	22	10	41.0	17.40	72.40	43.0	4.5	
2343	1970	04	16	10	26	58.9	5.62	77.09	43.0	4.8	
2355	1970	05	31	20	23	27.3	9.18	78.82	43.0G	6.6	7.8 H 7.6 PAS 5.0 H
2395	1970	06	05	10	13	2.7	5.65	77.15	43.0	5.1	
2622	1971	08	11	01	32	59.0	4.17	80.66	43.0	5.4	
2653	1971	09	15	11	24	18.1	10.31	78.68	43.0	4.9	
2665	1971	10	01	21	08	34.8	12.75	77.11	43.0	4.7	
2944	1973	01	15	06	27	31.0	15.71	75.08	43.0	4.5	
3622	1976	02	01	15	58	20.9	7.38	80.44	43.0D	5.4	4.4 Z
3646	1976	04	15	17	48	9.2	14.76	76.03	43.0	4.9	
3793	1977	03	08	14	51	45.2	12.33	74.00	43.0	5.1	
4292	1980	03	07	08	25	7.8	16.69	72.95	43.0	5.4	5.9 Z 5.9 BRK
4431	1980	12	17	08	45	18.7	13.20	74.40	43.0	5.2	3.7 Z
5248	1984	08	03	09	05	8.9	16.64	73.58	43.3	4.8	
3002	1973	04	15	23	10	10.3	16.08	75.37	43.6		
4364	1980	08	16	23	52	49.0	11.79	75.12	43.7	4.7	
4540	1981	05	07	20	38	22.4	2.06	80.99	43.7	4.5	
884	1962	11	08	00	02	10.0	15.10	75.40	44.0		
1104	1964	04	29	17	59	39.5	17.10	72.10	44.0	4.5	
1214	1965	01	06	15	26	32.8	9.50	79.40	44.0	4.5	
1293	1965	06	26	05	55	11.4	9.10	72.90	44.0	4.6	
1390	1965	12	07	03	44	41.1	3.50	78.10	44.0	4.4	
1401	1965	12	25	07	21	53.8	1.90	81.50	44.0	4.5	
1425	1966	02	03	07	22	9.0	19.70	70.90	44.0	4.2	
2140	1969	03	08	13	37	5.6	5.53	77.06	44.0	4.6	
2181	1969	06	01	06	07	11.3	9.78	78.91	44.0	4.8	
2191	1969	06	21	15	52	10.2	14.88	75.80	44.0	4.7	
2297	1969	12	23	17	27	47.7	3.26	80.71	44.0	4.3	
2383	1970	06	02	18	02	38.4	10.23	78.68	44.0D	5.3	
2442	1970	08	14	04	40	7.0	0.93	80.50	44.0	4.0	ISC
2474	1970	11	11	19	47	6.5	15.57	71.32	44.0	4.9	
2543	1970	12	25	21	18	17.2	4.19	80.90	44.0	4.1	
2557	1971	01	07	07	29	41.7	1.77	80.74	44.0	4.5	
3887	1977	07	25	17	05	5.5	11.67	74.16	44.0	4.8	
3949	1977	12	19	06	07	49.9	17.79	72.30	44.0		
4132	1979	03	17	16	51	1.1	8.77	79.54	44.0D	4.9	4.0 Z
4366	1980	08	20	20	32	8.2	2.10	80.19	44.0D	4.6	
791	1961	09	06	15	30	20.4	10.90	79.10	45.0		

## IV-48

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
886	1962	11	15	23	25	15.7	8.70	79.80	45.0		6.0 PAS
942	1963	06	21	12	13	13.8	4.90	81.20	45.0	4.1	
1025	1963	12	04	04	21	22.6	7.10	80.40	45.0	4.4	
1163	1964	09	10	21	36	32.3	4.80	81.30	45.0	4.5	
1254	1965	03	28	09	59	58.0	15.70	74.10	45.0	5.4	5.1 PAS
1430	1966	02	09	15	13	29.2	15.20	75.30	45.0	5.5	5.6 PAL
1456	1966	03	28	18	20	11.0	4.00	80.70	45.0	4.1	
1537	1966	08	07	20	22	26.2	17.50	72.20	45.0	4.6	
1579	1966	10	12	18	27	48.9	4.70	80.90	45.0	4.6	
1724	1967	05	17	07	16	50.5	8.43	80.12	45.0	4.3	
1847	1967	11	30	18	05	19.2	8.10	80.20	45.0	5.1	
2212	1969	07	27	13	11	31.4	14.83	75.39	45.0	4.3	
2245	1969	09	24	00	14	30.9	5.08	81.55	45.0	4.1	
2246	1969	09	28	11	52	59.1	12.10	74.30	45.0	5.0	
2358	1970	05	31	21	23	40.3	10.00	78.74	45.0D	5.0	
2363	1970	06	01	00	56	40.8	9.82	78.91	45.0G	5.1	
2364	1970	06	01	01	12	29.8	10.18	78.70	45.0G	5.1	
2369	1970	06	01	05	15	29.2	10.19	78.61	45.0G	5.2	
2371	1970	06	01	06	11	56.7	8.79	77.24	45.0	4.7	
2374	1970	06	01	16	37	8.2	9.96	79.05	45.0G	4.5	
2385	1970	06	03	02	02	17.5	10.22	78.66	45.0G	5.0	
2416	1970	06	29	03	02	31.0	11.00	79.20	45.0	4.9 ISC	
2430	1970	07	13	08	18	54.4	10.15	78.73	45.0G	4.4	
2443	1970	08	14	05	41	39.6	10.88	79.11	45.0G	4.6	4.1 H
2509	1970	12	11	22	38	35.5	10.03	79.26	45.0	4.5	
2589	1971	04	14	18	35	35.5	10.17	78.84	45.0D	4.5	
2659	1971	09	24	05	14	37.0	16.32	73.78	45.0	4.2	
2935	1972	12	21	10	19	27.8	9.75	78.69	45.0D	4.4	
3552	1975	08	09	01	50	21.8	16.89	72.84	45.0	4.9	
3691	1976	07	02	20	20	21.1	10.32	78.57	45.0	4.8	
3799	1977	03	10	13	25	46.0	12.38	74.07	45.0A		
3939	1977	11	13	08	42	21.4	9.36	75.72	45.0	5.3	4.1 Z
3967	1978	02	02	06	15	1.9	8.88	75.68	45.0	4.6	
4820	1982	04	01	16	11	55.4	18.35	71.38	45.2	5.2	4.0 ISC
4695	1981	10	30	14	20	16.7	11.73	76.71	45.6		
4925	1982	08	23	08	38	42.6	14.95	73.94	45.9	4.5	3.7 ISC
694	1960	08	28	00	05	24.6	16.60	74.20	46.0		
777	1961	08	17	17	49	43.3	17.40	72.70	46.0		
853	1962	07	10	19	21	36.9	6.50	75.20	46.0		
857	1962	07	25	00	11	52.2	14.40	76.10	46.0		
1133	1964	06	22	03	29	55.8	2.56	78.10	46.0	3.9 ISC	
1297	1965	07	02	01	09	47.6	7.70	76.80	46.0	4.4	
1419	1966	01	20	07	14	4.2	14.90	75.70	46.0	4.9	

## EARTHQUAKE CATALOG OF PERU

## IV-47

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1628	1966	11	13	01	18	58.5	11.00	74.70	46.0	4.8	
1783	1967	08	09	07	14	8.1	8.50	73.80	46.0	5.0	
1788	1967	08	22	08	55	54.6	19.70	70.70	46.0	4.8	
1800	1967	09	04	05	32	15.3	10.40	79.30	46.0	4.7	
1878	1968	02	03	11	43	4.4	12.20	76.30	46.0	5.0	
2023	1968	07	28	18	36	10.3	5.61	76.95	46.0	5.0	
2216	1969	08	01	19	32	13.5	13.52	72.48	46.0	4.5	
2294	1969	12	18	04	51	35.1	17.20	72.17	46.0	4.1	
2361	1970	05	31	23	19	32.1	10.01	78.72	46.0	4.8	
2368	1970	06	01	04	44	46.1	10.25	78.69	46.0D	5.6	5.1 BRK
2441	1970	08	11	06	01	31.2	9.68	78.89	46.0	4.9	
2531	1970	12	17	07	10	29.0	1.60	80.70	46.0	4.4	ISC
2541	1970	12	24	17	46	59.8	10.97	74.43	46.0	4.3	
2565	1971	01	14	08	21	37.4	4.10	80.64	46.0D	4.5	
3442	1974	12	10	23	31	28.0	16.05	74.80	46.0	4.9	
3921	1977	10	02	18	46	35.6	8.98	79.18	46.0	5.3	4.7 Z
4131	1979	03	16	07	03	34.1	4.02	76.64	46.0	4.4	
4863	1982	06	02	22	47	43.6	14.09	76.36	46.1	5.0	4.3 ISC
4352	1980	07	10	17	41	22.4	8.43	75.76	46.5		
2968	1973	03	03	21	41	52.6	14.06	74.69	46.9		
5200	1984	03	24	21	28	43.3	10.93	78.60	46.9D	4.8	
722	1960	12	30	11	03	36.8	17.00	70.00	47.0		
772	1961	07	27	06	09	25.9	18.40	70.20	47.0		
902	1963	01	22	08	32	35.2	11.60	75.00	47.0		
934	1963	05	26	12	43	46.0	16.90	72.40	47.0	4.6	
1127	1964	06	06	03	44	27.8	8.30	79.30	47.0	4.3	
1530	1966	07	27	23	10	53.9	18.10	71.90	47.0	4.2	
1706	1967	04	18	09	48	50.2	1.15	80.89	47.0	4.2	
1752	1967	06	26	10	57	58.9	11.30	74.90	47.0	4.2	
1856	1967	12	19	14	14	41.7	16.10	75.10	47.0	4.4	
2378	1970	06	02	01	53	33.4	10.05	78.74	47.0	4.6	
2455	1970	09	23	08	31	54.5	11.64	77.50	47.0	4.6	
2466	1970	10	23	15	49	34.1	10.28	75.17	47.0	4.8	
2549	1970	12	29	08	01	59.3	3.90	80.90	47.0	5.8	5.2 H
2628	1971	06	28	19	44	12.3	19.86	70.09	47.0D	5.2	
2870	1972	09	08	10	20	20.2	9.20	79.08	47.0	4.4	
3119	1973	10	12	18	04	29.3	16.02	74.04	47.0	5.3	4.6 H
4177	1979	06	12	21	32	51.5	3.77	80.79	47.0D	5.0	
4424	1980	12	11	21	31	43.2	13.19	74.41	47.0		
4566	1981	06	06	15	01	30.7	9.99	78.82	47.0D	4.8	
5208	1984	04	28	20	12	6.3	1.78	78.10	47.4D	5.6	4.9 Z
5238	1984	07	11	06	09	41.7	6.51	77.04	47.5	4.9	
3203	1974	02	09	06	24	28.9	16.00	75.41	47.6		



## IV-48

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5230	1984	06	13	05	47	7.1	1.81	80.28	47.7D	4.8	3.1 Z
3472	1975	02	12	07	31	57.0	15.74	76.21	47.9		
4694	1981	10	29	17	58	15.8	11.60	74.17	47.9	4.4	
1130	1984	06	09	18	18	13.7	0.20	78.90	48.0	4.6	
1221	1965	01	12	13	36	51.0	9.70	75.00	48.0	5.4	
1453	1966	03	24	14	17	30.0	10.20	79.10	48.0	5.4	ISC
1469	1966	05	01	08	04	26.1	6.90	77.00	48.0	4.5	
1564	1966	09	10	20	08	59.1	5.10	78.60	48.0	4.3	
1775	1967	07	29	11	30	53.6	15.70	75.50	48.0	4.1	
2182	1969	06	01	13	15	57.1	16.42	73.70	48.0	4.5	
2373	1970	06	01	09	45	33.5	10.13	78.61	48.0D	4.8	
2391	1970	06	04	16	48	22.6	9.81	78.75	48.0D	5.2	
2399	1970	06	07	18	58	21.8	8.27	77.79	48.0	4.7	
2431	1970	07	14	22	04	44.7	10.30	78.81	48.0	4.8	
2574	1971	02	06	11	20	3.2	4.37	80.83	48.0	4.4	
2591	1971	04	21	04	06	28.3	13.54	71.20	48.0	4.6	
2713	1972	02	08	20	44	8.5	14.06	71.52	48.0	4.8	
2951	1973	01	30	17	36	20.7	5.55	77.08	48.0	4.6	
3190	1974	02	01	13	06	17.7	15.74	75.04	48.0	5.2	4.7 H
3222	1974	03	21	19	28	24.1	4.53	73.40	48.0	4.8	
3733	1976	10	07	22	01	18.5	0.30	80.40	48.0	5.0	
3852	1977	05	21	14	14	41.3	1.59	80.91	48.0	5.0	4.7 Z
3932	1977	11	02	14	47	57.2	10.08	74.76	48.0	5.5	4.5 Z
3984	1978	04	03	05	31	32.7	3.58	77.11	48.0	4.7	
4141	1979	04	21	11	46	22.6	5.88	81.32	48.0	4.7	
4346	1980	06	23	18	35	21.2	15.80	74.14	48.0	5.0	6.0 ISC
4404	1980	11	10	22	21	13.8	13.19	74.52	48.0	5.1	4.0 ISC
4590	1981	06	28	03	21	53.5	13.53	74.57	48.0		
5150	1983	10	24	00	36	6.5	12.85	76.66	48.3D	5.6	4.9 Z
4475	1981	03	15	12	37	14.6	17.77	69.55	48.6		
750	1961	05	04	20	20	36.5	5.10	81.00	49.0		
1743	1967	06	21	06	49	56.6	2.20	77.60	49.0	5.3	
2040	1968	08	27	05	17	35.5	8.98	72.84	49.0	4.9	
2365	1970	06	01	01	36	10.2	9.30	79.00	49.0D	6.0	5.5 H
2375	1970	06	01	17	59	27.1	9.98	78.75	49.0D	5.1	5.4 BRK
2451	1970	09	09	11	53	13.9	19.60	70.11	49.0	5.0	
3015	1973	04	30	05	10	15.0	16.70	73.96	49.0	4.1	
3156	1973	11	26	03	24	42.2	6.64	75.17	49.0	4.7	
3528	1975	06	10	16	30	42.2	3.62	80.92	49.0	5.1	
3708	1976	08	18	17	45	24.4	15.52	74.99	49.0		
3762	1976	12	06	05	01	36.9	11.59	74.06	49.0	4.6	
3844	1977	05	13	13	35	16.9	5.75	77.09	49.0	5.0	

## EARTHQUAKE CATALOG OF PERU

IV-49

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3963	1978	01	22	21	19	42.4	16.13	73.66	49.0D	5.4	4.9 Z
4589	1981	08	27	21	54	14.6	3.05	80.33	49.0D	5.1	4.5 ISC
4472	1981	03	10	06	51	1.8	0.77	77.41	49.1	4.5	
3712	1978	08	24	15	47	54.6	17.67	72.54	49.2		
2735	1972	04	01	09	12	52.5	7.01	76.47	49.5		
27	1922	10	11	14	49	50.0	16.00	72.50	50.0		7.4 PAS
92	1932	09	05	06	23	50.0	6.00	81.00	50.0		6.0 PAS
184	1940	01	30	11	56	55.0	11.50	77.00	50.0		5.6 PAS
185	1940	03	31	16	52	30.0	19.00	70.50	50.0		6.0 PAS
718	1960	12	25	11	11	50.0	8.00	82.50	50.0		
810	1961	11	18	10	34	5.8	8.80	74.70	50.0		
892	1962	12	05	11	38	10.6	10.30	77.90	50.0		
1074	1964	03	06	21	05	50.2	19.70	70.50	50.0	5.3	
1088	1964	03	24	22	48	12.1	15.40	75.10	50.0		
1449	1966	03	17	10	59	2.6	19.40	70.50	50.0	4.3	
1549	1966	08	26	14	37	26.3	13.70	76.80	50.0	4.4	
1899	1968	03	28	02	00	35.7	10.60	77.00	50.0	4.2	
2078	1968	11	07	10	13	39.8	16.39	73.46	50.0	5.0	
2107	1968	12	28	16	29	5.0	12.37	73.46	50.0	4.6	
2172	1969	05	20	13	04	53.9	0.99	80.52	50.0	4.2	
2242	1969	09	18	07	11	38.7	17.75	71.70	50.0	4.3	
2296	1969	12	22	00	06	4.2	16.89	72.86	50.0G	5.2	
2359	1970	05	31	21	45	3.6	9.51	78.21	50.0G	4.6	
2386	1970	06	03	11	09	16.5	9.94	78.84	50.0G	4.7	
2402	1970	06	11	07	30	51.4	10.10	78.67	50.0G	5.3	
2425	1970	07	08	23	31	4.6	9.72	78.52	50.0G	4.7	
2437	1970	08	04	23	17	49.0	9.70	78.50	50.0G	4.5	
2440	1970	08	09	02	20	9.8	9.95	78.67	50.0G	4.6	
2473	1970	11	10	04	47	48.9	11.50	79.66	50.0G	4.3	
2547	1970	12	29	02	22	11.8	3.86	80.76	50.0D	4.5	
2725	1972	03	20	07	51	4.8	6.64	76.77	50.0G	5.4	
2765	1972	05	07	11	31	48.5	17.38	72.24	50.0	4.6	
2969	1973	03	05	11	11	53.4	4.23	80.63	50.0	4.5	
3007	1973	04	24	07	29	9.7	15.95	72.81	50.0	3.8	
3163	1973	12	06	14	53	46.8	15.61	76.82	50.0	4.4	
3175	1974	01	13	04	55	28.8	0.79	80.69	50.0	4.2	
3270	1974	08	09	14	16	3.7	5.75	80.98	50.0	5.7	
3313	1974	08	17	08	19	49.1	1.62	81.10	50.0	4.7	
3805	1977	03	15	12	38	35.2	12.53	74.15	50.0	4.9	
3990	1978	04	15	13	49	32.3	16.47	73.51	50.0D	5.3	5.5 Z
4010	1978	05	20	13	10	31.1	10.23	78.52	50.0D	5.6	5.5 Z
5095	1983	05	15	14	11	38.4	18.66	70.85	50.6	4.2	
5263	1984	10	03	23	55	20.1	6.21	75.84	50.6D	5.3	

## IV-50

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
709	1960	11	22	02	32	21.8	7.10	80.80	51.0		
1502	1966	06	07	03	24	19.0	15.00	75.80	51.0	4.9	
1528	1966	07	25	01	06	56.0	0.80	78.40	51.0	3.9	
1611	1966	10	25	14	53	9.0	10.70	78.80	51.0	4.5	
1889	1968	03	04	21	55	2.9	8.90	74.30	51.0	4.5	
2146	1969	03	21	23	34	41.5	5.64	77.16	51.0	4.7	
2283	1969	12	04	11	16	41.4	7.44	81.66	51.0	4.5	
2354	1970	05	27	09	52	33.6	6.15	76.47	51.0	4.6	
2360	1970	05	31	21	48	4.4	10.22	78.60	51.0D	5.6	4.8 BRK
2406	1970	06	15	00	42	50.6	9.70	78.85	51.0D	5.4	
2410	1970	06	21	15	13	37.8	9.80	78.67	51.0D	5.4	
2569	1971	01	25	22	49	26.2	4.06	80.94	51.0	4.9	
2575	1971	02	06	17	30	19.4	10.14	78.51	51.0	4.8	
2677	1971	10	28	06	30	32.3	3.86	80.65	51.0D	5.2	
2687	1971	11	19	06	10	17.3	10.06	78.93	51.0D	4.6	
3176	1974	01	13	17	23	49.5	12.68	73.09	51.0	4.6	
3435	1974	12	05	17	03	38.6	11.78	75.71	51.0	4.7	
3551	1975	08	03	17	44	50.2	15.69	74.97	51.0	4.7	
3736	1976	10	10	06	19	24.2	0.79	78.61	51.0	4.8	
3994	1978	04	22	08	43	14.2	11.38	78.32	51.0	4.5	
4180	1979	06	15	01	00	6.4	9.08	79.34	51.0	4.8	
4237	1979	11	06	15	49	9.3	18.80	69.68	51.0	5.0	
4272	1980	01	20	07	12	59.3	14.43	76.22	51.0	4.8	
2729	1972	03	21	22	27	37.6	14.19	76.38	51.3		
1004	1963	11	04	03	29	30.5	15.00	75.80	52.0	4.0	
1247	1965	03	12	22	54	44.7	5.80	77.80	52.0	4.9	
2003	1968	07	01	11	08	23.0	5.68	77.14	52.0	4.8	
2333	1970	03	25	13	17	43.4	2.24	79.04	52.0	4.6	
2522	1970	12	14	06	23	36.0	3.97	80.74	52.0D	4.7	
2526	1970	12	14	09	41	35.7	3.95	80.67	52.0D	4.8	
2635	1971	07	25	22	01	44.1	10.17	78.63	52.0	5.0	
2741	1972	04	04	23	33	36.3	17.08	72.54	52.0	5.0	
3117	1973	10	09	17	42	18.3	17.13	72.79	52.0	4.8	
3135	1973	11	02	04	27	14.4	8.74	79.39	52.0	4.5	
3269	1974	06	09	10	41	22.1	5.75	80.86	52.0	5.1	
3481	1975	03	05	16	39	13.0	11.55	77.48	52.0	4.5	
3715	1976	08	31	02	49	46.1	19.87	71.07	52.0		
3841	1977	05	10	23	56	32.8	1.32	81.09	52.0A	4.9	GS
3910	1977	09	16	00	09	8.9	15.95	74.82	52.0	4.8	4.1 Z
4110	1979	02	16	22	18	20.0	16.50	72.66	52.0D	5.5	5.2 Z
4299	1980	03	16	18	53	48.7	16.76	72.99	52.0	5.0	
5034	1982	12	28	08	06	33.5	18.91	69.59	52.0D	5.3	
2737	1972	04	03	07	10	5.2	19.32	70.56	52.1		

## EARTHQUAKE CATALOG OF PERU

IV-51

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2788	1972	06	02	18	32	51.7	6.75	77.16	52.2		
4884	1982	07	12	15	05	27.4	17.15	73.27	52.4	5.1	
2904	1972	10	29	04	55	11.6	5.55	76.48	52.5		
5072	1983	04	04	02	01	10.4	5.58	78.78	52.7	4.7	
972	1963	08	31	10	30	30.1	15.90	74.40	53.0	4.1	
1182	1964	10	28	03	07	7.3	13.40	72.60	53.0	4.4	
1324	1965	08	08	06	32	28.2	19.60	68.70	53.0	5.4	
1420	1966	01	20	21	31	24.5	0.50	79.70	53.0	4.1	
1667	1967	02	01	14	44	9.4	16.69	72.78	53.0	4.9	
1753	1967	06	26	13	01	12.6	11.30	75.10	53.0	4.3	
1787	1967	08	22	07	42	44.7	11.00	78.20	53.0	5.0	
1986	1968	06	24	14	03	48.0	5.76	77.14	53.0D	4.7	
2279	1969	11	15	17	58	36.9	19.35	70.54	53.0	4.6	
2701	1972	01	13	15	53	17.8	0.15	80.51	53.0	4.3	
2942	1973	01	08	20	43	23.6	19.25	70.47	53.0	4.4	
2994	1973	04	05	16	10	43.8	17.05	73.65	53.0	4.4	
4108	1979	02	16	10	08	53.4	16.39	72.66	53.0	6.2	6.9 Z 6.9 PAS
4142	1979	04	22	07	35	43.5	2.17	80.63	53.0	4.3	
4242	1979	11	26	21	05	47.7	3.39	80.72	53.0	5.1	
4403	1980	11	09	14	11	7.8	17.02	72.80	53.0	5.1	3.7 ISC
4436	1980	12	23	09	44	23.1	11.49	73.08	53.0	4.4	
4367	1980	08	22	03	37	56.7	15.39	75.75	53.2	4.9	3.4
3530	1975	06	12	01	53	26.1	17.97	70.70	53.3		
3956	1978	01	03	13	31	8.1	13.90	76.91	53.4		
1018	1963	11	18	07	17	50.4	16.50	74.50	54.0	4.3	
1115	1964	05	19	23	03	41.8	0.70	80.20	54.0	5.4	
1284	1965	06	06	21	41	37.2	1.40	80.50	54.0	4.3	
1493	1966	06	04	10	04	38.2	15.70	74.60	54.0	4.2	
1894	1968	03	15	04	17	3.0	17.63	71.70	54.0	4.3	ISC
2206	1969	07	19	04	54	54.1	17.25	72.52	54.0D	5.9	5.7 PAS
2411	1970	06	22	02	11	54.0	1.57	80.60	54.0	4.6	ISC
2564	1971	01	14	03	06	46.2	9.28	79.06	54.0D	5.1	
2672	1971	10	15	10	33	46.7	14.09	73.31	54.0	5.7	
2691	1971	11	29	20	14	12.2	11.24	77.75	54.0D	5.3	
3024	1973	05	12	00	44	21.3	9.49	78.62	54.0D	4.8	
3060	1973	07	14	04	25	15.7	10.24	79.33	54.0	4.7	
3109	1973	09	28	14	52	29.2	18.12	70.86	54.0	4.4	
3358	1974	10	04	12	47	39.7	12.10	77.53	54.0	4.1	
3590	1975	11	06	17	44	16.3	0.34	80.74	54.0	5.1	
3785	1977	02	12	14	08	41.5	9.23	79.76	54.0	4.7	
3986	1978	04	07	09	52	6.0	1.71	78.29	54.0	4.3	
4094	1979	01	06	03	06	1.8	14.44	75.68	54.0D	4.7	

## IV-52

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4435	1980	12	22	14	09	58.5	9.83	75.53	54.1	4.6	4.9 Z
2920	1972	12	02	11	34	57.7	5.13	76.05	54.2	4.7	
5013	1982	12	02	08	41	6.0	10.84	74.57	54.2	4.9	
5182	1983	11	23	08	12	15.0	15.09	75.55	54.4	5.1	
2905	1972	10	31	14	25	45.2	14.21	73.40	54.5		
5288	1984	11	18	06	55	0.5	13.90	76.10	54.5D	5.5	6.8 PAS
3150	1973	11	17	07	14	35.3	9.67	78.96	54.6		
704	1960	11	03	22	02	19.2	14.40	71.60	55.0		
706	1960	11	20	10	49	13.4	8.40	77.60	55.0		
707	1960	11	20	22	01	58.4	6.80	81.00	55.0		
950	1963	07	05	05	48	13.4	11.60	77.50	55.0	5.8	4.8 BRK
1034	1963	12	20	10	48	4.2	5.20	80.80	55.0	5.2	
1171	1964	10	02	20	41	47.7	8.90	79.70	55.0	4.6	
1580	1966	09	07	12	07	2.4	8.80	79.90	55.0	4.2	
1786	1967	08	18	19	05	7.9	5.00	81.40	55.0	4.3	
2358	1970	05	31	20	45	52.7	9.79	78.59	55.0D	6.0	3.8 Z
2362	1970	06	01	00	41	10.5	9.77	78.63	55.0G	4.9	
2366	1970	06	01	02	21	38.9	10.16	78.72	55.0D	5.0	
2372	1970	06	01	06	19	21.6	9.67	78.86	55.0G	4.8	
2376	1970	06	01	19	15	5.9	9.79	78.82	55.0D	5.2	
2380	1970	06	02	03	39	26.9	10.15	78.77	55.0	4.8	3.8 ISC
2389	1970	06	04	02	53	28.0	10.60	79.30	55.0	4.3	
2393	1970	06	04	22	59	51.9	9.52	79.19	55.0G	5.3	
2648	1971	09	05	09	06	15.6	14.76	75.25	55.0	4.3	
2946	1973	01	16	06	31	36.9	15.59	74.26	55.0	4.6	
2999	1973	04	11	09	18	34.3	9.64	78.97	55.0D	4.3	3.8 Z
3591	1975	11	06	22	38	50.5	0.41	80.66	55.0	4.8	
3722	1976	09	18	07	20	34.4	17.52	69.58	55.0	4.7	
3728	1976	10	04	23	36	11.1	0.75	78.60	55.0	5.1	
4008	1978	05	16	20	05	35.8	18.65	70.14	55.0	5.1	
4129	1979	03	10	10	02	47.6	15.23	71.28	55.0	4.6	3.8 ISC
4298	1980	03	18	00	19	25.9	11.64	73.52	55.0	4.9	
4365	1980	08	18	15	07	52.6	1.95	80.02	55.0D	5.6	
3390	1974	10	14	22	36	17.4	12.58	76.77	55.1	4.2	
800	1961	10	07	09	55	55.4	0.40	80.40	56.0		
1033	1963	12	19	17	04	7.8	9.70	79.10	56.0	5.1	6.1 PAS
1103	1964	04	29	04	08	1.2	3.40	77.70	56.0	4.3	
1286	1965	06	11	08	53	26.1	17.60	70.30	56.0	4.1	
1296	1965	06	30	08	15	44.3	14.20	75.60	56.0	4.0	
1503	1966	06	07	15	14	42.9	15.10	75.80	56.0	4.9	
1656	1966	12	26	10	17	14.0	19.80	69.80	56.0	4.3	5.6 BRK
2050	1968	09	09	19	57	39.9	2.89	80.83	56.0	4.5	

## EARTHQUAKE CATALOG OF PERU

IV-53

33 km &lt; h ≤ 100 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2159	1969	04	18	09 27 37.4	16.60	73.71	56.0	4.4	
2265	1969	10	14	01 27 39.0	15.22	75.42	56.0	4.1	
2396	1970	08	06	09 10 6.8	10.92	79.08	56.0	4.1	
2417	1970	08	30	06 21 3.9	9.22	79.02	56.0D	5.4	
2614	1971	05	28	06 50 0.7	12.53	76.82	56.0	4.9	
3578	1975	10	14	05 36 16.5	18.69	71.09	56.0		
3930	1977	10	26	07 24 41.1	16.82	72.60	56.0D	5.2	
3973	1978	02	28	06 51 31.8	17.03	70.30	56.0	5.1	4.0 ISC
4057	1978	10	02	00 17 44.9	13.50	70.64	56.0	4.8	
4117	1979	02	20	14 02 43.1	16.70	72.74	56.0D	5.2	4.0 ISC
3223	1974	03	23	09 02 42.5	17.06	72.37	56.1		
4611	1981	07	19	12 40 13.5	12.51	76.74	56.4		
5270	1984	12	10	10 22 4.9	14.86	75.33	56.4	5.4	
3549	1975	08	03	14 23 43.7	15.72	75.11	56.6	4.7	GS
4886	1982	07	14	09 17 0.8	12.06	76.71	56.6		
4104	1979	01	27	13 38 58.2	5.29	76.65	56.8	4.5	
766	1961	07	03	14 49 30.3	8.70	79.10	57.0		
936	1963	05	31	04 39 14.8	17.90	68.30	57.0	4.8	
1178	1964	10	17	07 45 33.0	13.60	72.70	57.0	4.4	
1181	1964	10	25	22 56 32.8	2.00	79.00	57.0	5.4	
1620	1966	11	04	08 55 50.8	4.40	77.80	57.0	4.6	
1789	1967	08	22	09 59 34.5	12.50	76.80	57.0	4.8	
2234	1969	09	01	18 03 12.1	3.77	80.60	57.0	4.7	
2390	1970	06	04	04 09 26.3	9.80	78.63	57.0D	5.8	6.2 PAS
3137	1973	11	04	03 08 16.1	9.80	78.85	57.0	4.2	
3214	1974	03	08	12 45 21.6	9.95	79.39	57.0	4.9	
3469	1975	02	10	19 20 29.4	15.18	75.87	57.0	4.9	
3538	1975	06	29	12 16 58.6	9.23	80.63	57.0	4.6	
3636	1976	03	21	09 18 29.8	8.60	80.38	57.0	4.7	
3638	1976	03	23	22 11 4.4	14.11	75.42	57.0	4.9	
4228	1979	10	11	08 30 45.2	16.74	73.67	57.0	5.0	
4296	1980	03	10	06 11 2.2	16.82	72.94	57.0	4.8	4.2 ISC
4497	1981	04	13	13 53 25.2	19.05	70.49	57.0	4.1	
4815	1982	03	23	05 10 7.3	12.40	77.67	57.0D	5.1	3.9 ISC
4682	1981	10	12	12 24 13.4	17.18	72.17	57.2	4.6	
5102	1983	06	01	12 23 50.3	2.45	79.35	57.2	4.9	
5105	1983	06	12	15 24 26.0	3.80	80.84	57.2	4.4	
3842	1977	05	12	18 22 17.1	16.12	74.31	57.3	4.7	GS
3392	1974	10	16	10 25 22.1	12.54	77.01	57.6		
5062	1983	03	02	07 07 41.0	11.53	77.80	57.6	5.6	
5187	1984	01	26	19 30 58.0	12.24	76.85	57.8D	5.3	
836	1962	03	21	06 11 24.0	4.40	80.70	58.0		
1135	1964	06	23	02 04 41.8	2.70	80.00	58.0	5.2	

## IV-54

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1707	1967	04	19	08	28	59.0	1.12	80.90	58.0	4.5	
1719	1967	05	12	02	21	41.2	7.15	73.11	58.0	4.3	
1741	1967	06	18	13	10	54.3	4.00	81.10	58.0	4.3	
2299	1969	12	31	02	08	53.1	0.36	80.31	58.0	3.9	
2313	1970	02	08	19	34	25.0	2.70	75.30	58.0	4.7 ISC	
2377	1970	06	02	01	37	22.7	9.76	78.80	58.0D	5.7	5.4 BRK
2382	1970	06	02	10	35	46.0	10.19	78.75	58.0	5.0	
2434	1970	07	18	19	58	49.9	0.22	78.58	58.0	4.6	
2624	1971	06	22	14	38	3.7	9.26	79.22	58.0	4.8	
2817	1972	07	05	00	59	36.9	9.89	78.60	58.0	5.0	
3086	1973	08	07	05	56	24.8	5.68	77.10	58.0	4.7	
3285	1974	06	30	18	41	50.7	2.81	79.83	58.0	4.2	
3523	1975	06	05	03	32	44.9	13.70	76.14	58.0D	5.5	
3586	1975	10	29	06	18	42.3	10.98	78.11	58.0D	5.5	
3906	1977	09	10	04	39	5.6	14.23	75.99	58.0	5.0	
4066	1978	11	04	20	16	10.5	1.74	76.35	58.0	4.3	
4088	1978	12	27	08	04	22.1	17.39	72.16	58.0		
4134	1979	03	21	02	52	34.3	16.80	72.54	58.0D	5.1	4.7 ISC
4551	1981	05	18	07	17	13.4	10.32	78.40	58.0D	5.2	
2770	1972	05	12	03	43	27.6	15.94	71.11	58.1		
3664	1976	05	20	09	39	0.6	16.46	74.56	58.2		
4755	1981	12	23	22	11	8.8	19.20	70.27	58.2	5.3	
4887	1982	07	20	04	15	44.3	0.71	78.60	58.6		
5179	1983	12	30	15	48	19.3	16.88	72.71	58.9	4.6	
872	1962	09	27	12	30	53.0	18.40	68.70	59.0		
885	1962	11	11	03	52	19.4	1.20	78.80	59.0		
1017	1963	11	16	18	06	55.0	2.20	80.00	59.0	4.6	
1211	1964	12	26	05	30	13.0	16.70	72.20	59.0	3.9 ISC	
1246	1965	03	11	14	55	4.1	18.20	71.20	59.0	4.0	
1259	1965	04	14	08	23	34.7	1.20	78.80	59.0	4.6	
1371	1965	11	06	01	06	6.6	9.40	79.00	59.0	4.7	
1513	1968	06	20	00	30	21.1	14.40	75.60	59.0	4.2	
1841	1967	11	19	19	41	36.9	19.30	70.50	59.0	4.0	
2244	1969	09	21	11	28	25.0	15.84	74.71	59.0	4.7	
2657	1971	09	22	22	14	59.9	10.94	78.09	59.0	5.3	
2974	1973	03	09	11	54	18.5	1.36	80.42	59.0	4.1	
3266	1974	06	03	23	06	26.0	4.89	81.21	59.0	4.4	
3714	1976	08	28	21	50	37.8	10.67	78.19	59.0	5.1	3.7 Z
3840	1977	05	10	12	45	33.2	10.60	75.38	59.0	4.9	
3544	1975	07	23	16	57	33.6	15.55	75.28	59.7	4.6 GS	
2895	1972	10	14	11	07	45.4	14.25	69.05	59.8		
3071	1973	07	28	06	10	30.7	5.01	73.94	59.9		
33	1924	03	11	22	44	23.0	4.00	82.00	60.0		6.8 PAS

## EARTHQUAKE CATALOG OF PERU

IV-55

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
137	1937	06	21	15	13	4.0	8.50	80.00	60.0		6.8 PAS
163	1938	04	17	14	39	38.0	19.00	89.50	60.0		6.5 PAS
173	1939	09	20	06	53	12.0	11.50	75.50	60.0		6.0 PAS
317	1948	05	28	05	36	16.0	13.00	76.50	60.0		7.0 PAS
333	1949	07	28	03	36	36.0	15.50	76.00	60.0		
335	1949	08	05	19	08	47.0	1.50	78.25	60.0		6.8 PAS
369	1950	10	16	05	25	22.0	5.00	80.00	60.0		
440	1953	07	26	13	05	22.0	15.00	75.00	60.0		
474	1954	09	15	06	38	4.0	4.50	82.00	60.0		
505	1955	08	19	07	44	44.0	8.00	79.50	60.0		
528	1956	05	17	05	59	57.0	16.50	72.00	60.0		
536	1956	08	31	18	22	53.0	13.00	77.00	60.0		
541	1956	10	29	15	42	8.0	8.50	77.00	60.0		
553	1957	03	12	21	22	58.0	1.59	80.15	60.0		
573	1958	01	15	19	14	29.0	16.50	72.00	60.0		7.3 PAS
616	1959	01	30	00	13	48.0	11.50	74.50	60.0		
636	1959	06	08	14	12	5.0	14.50	76.00	60.0		
680	1960	05	06	18	53	59.0	7.50	74.50	60.0		
681	1960	05	12	12	09	24.0	9.00	72.50	60.0		
726	1961	01	26	17	45	42.9	12.30	78.10	60.0		
738	1961	03	17	10	06	28.1	11.10	78.80	60.0		
752	1961	05	08	18	32	3.5	10.90	75.10	60.0		
758	1961	06	03	04	21	56.2	18.10	70.30	60.0		
789	1961	08	31	14	58	59.0	9.60	78.70	60.0		
998	1963	10	31	23	19	15.3	4.90	77.70	60.0	4.5	
1340	1965	09	14	04	50	22.7	12.00	72.40	60.0	4.3	
1696	1967	03	28	04	51	32.2	5.03	81.04	60.0G	4.4	
1834	1967	11	08	10	47	45.3	20.00	70.30	60.0	4.6	
1886	1968	02	24	07	31	35.2	15.70	71.20	60.0	4.5	
2288	1969	12	11	22	33	9.1	19.88	70.24	60.0	4.3	
2401	1970	06	08	11	31	8.4	9.74	78.58	60.0G	4.9	
2419	1970	07	02	12	47	7.8	10.13	78.68	60.0G	4.9	
2423	1970	07	06	12	51	0.6	9.73	78.83	60.0G	4.2	
2428	1970	07	10	16	59	1.9	9.14	78.76	60.0G	4.7	
2454	1970	09	17	12	08	0.5	11.61	78.59	60.0G	4.3	
2588	1971	04	12	04	08	32.0	9.80	78.70	60.0D	5.0	
2707	1972	01	23	05	05	24.8	13.23	76.78	60.0	5.1	
2745	1972	04	06	18	48	36.1	6.87	76.64	60.0	4.4	
3317	1974	08	21	23	59	2.0	19.99	71.14	60.0D	5.1	
3399	1974	10	24	02	25	39.2	12.53	77.30	60.0	4.5	
3703	1976	08	06	14	31	20.0	10.29	78.67	60.0	5.2	
4111	1979	02	17	01	34	52.3	17.22	72.94	60.0A		
4193	1979	07	15	09	08	32.5	12.37	77.01	60.0	4.9	



## IV-56

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4443	1981	01	03	04	05	58.4	2.12	80.28	60.1	4.2	
4309	1980	04	05	19	56	14.6	3.74	81.59	60.3		
4942	1982	09	07	10	54	19.5	12.85	76.67	60.5		
811	1961	11	23	11	17	27.7	5.60	80.30	61.0		
825	1962	02	27	00	04	43.5	6.20	77.00	61.0		
873	1962	09	28	22	14	52.7	13.80	76.70	61.0		
976	1963	09	17	05	54	33.7	10.60	78.20	61.0	5.5	
1058	1964	02	04	07	38	2.8	3.80	80.80	61.0	4.4	
1234	1965	02	09	11	53	0.5	17.00	68.40	61.0	4.5	
1533	1966	08	01	09	48	2.5	1.20	78.60	61.0	4.7	
2068	1968	10	18	19	59	21.3	4.11	80.79	61.0	4.7	
2170	1969	05	18	20	01	34.0	5.49	77.00	61.0	4.3	
2349	1970	05	14	07	00	19.0	4.49	78.90	61.0	4.2	ISC
2448	1970	09	01	03	30	11.0	13.59	73.09	61.0	4.3	
2572	1971	01	30	10	19	55.8	11.14	77.92	61.0D	4.8	
2684	1971	11	06	12	07	4.7	3.87	80.86	61.0	4.9	
2874	1972	09	22	06	27	17.4	15.68	74.78	61.0		
2909	1972	11	05	21	56	20.5	9.74	78.71	61.0	5.0	
3318	1974	08	31	00	37	11.5	12.71	77.02	61.0	4.4	
3704	1976	08	15	14	55	15.1	16.23	73.55	61.0	5.2	
4231	1979	10	15	16	34	8.8	13.39	76.60	61.0	5.0	
4833	1982	04	18	14	15	57.1	5.62	77.54	61.0D	4.6	
3783	1977	02	08	05	27	10.1	16.93	73.68	61.2		
4178	1979	06	13	04	25	39.3	11.78	72.94	61.2	4.4	
4488	1981	04	02	07	59	43.7	10.22	74.86	61.2	4.9	
3424	1974	11	17	11	55	10.5	0.88	80.36	61.5		
3619	1976	01	24	16	57	34.1	2.95	77.92	61.7	4.2	GS
3971	1978	02	15	15	05	42.3	9.64	78.05	61.8	5.3	GS
957	1963	07	26	23	48	26.5	9.70	78.50	62.0	4.9	
1040	1964	01	03	05	20	32.9	19.40	69.20	62.0	4.1	
1640	1966	12	01	00	17	48.4	15.20	73.10	62.0	4.4	
1695	1967	03	28	03	29	40.8	16.17	74.34	62.0	4.3	
1798	1967	08	31	14	06	36.5	10.30	78.10	62.0	5.0	
1877	1968	01	31	14	11	35.9	16.30	73.80	62.0	3.9	
2117	1969	01	17	05	28	30.1	16.34	73.48	62.0	4.4	
2276	1969	11	11	02	45	29.8	2.41	80.20	62.0	4.1	
2381	1970	06	02	04	39	55.1	10.24	78.57	62.0	4.6	
2394	1970	06	05	05	56	38.1	9.78	78.56	62.0	5.0	
2415	1970	06	27	09	45	28.5	9.77	78.59	62.0D	5.6	
2418	1970	07	02	00	45	2.0	10.11	78.59	62.0	5.8	5.3 BRK
2457	1970	09	30	22	56	26.4	15.10	74.90	62.0D	4.9	
2459	1970	10	05	22	10	7.1	9.34	79.00	62.0	4.9	
2467	1970	10	27	09	37	38.9	12.64	76.44	62.0	4.6	

## EARTHQUAKE CATALOG OF PERU

IV-57

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2528	1970	12	14	15	29	30.0	1.53	80.81	82.0	4.7	
2898	1972	10	22	08	22	10.6	9.79	78.83	82.0D	5.2	
3274	1974	06	15	00	11	55.0	9.13	78.71	82.0D	4.9	
3280	1974	06	23	07	34	18.2	2.04	80.45	82.0	4.4	
3493	1975	04	07	01	39	50.5	1.98	80.30	82.0	4.9	
3518	1975	05	23	19	26	12.8	10.88	78.54	82.0	5.0	
3541	1975	07	08	19	17	2.2	9.38	79.09	82.0	4.9	
3741	1976	10	18	18	38	36.7	9.24	79.02	82.0	5.3	
4112	1979	02	17	04	40	3.9	16.87	72.79	82.0		
4130	1979	03	11	14	40	29.5	16.78	72.81	82.0	5.0	
4217	1979	09	12	01	54	27.4	17.84	74.42	82.0A		
4267	1980	01	11	08	52	27.4	10.27	74.08	82.0	4.7	
4438	1980	12	26	08	19	41.2	12.79	77.04	82.0	4.5	
5289	1984	12	02	15	50	58.4	16.97	72.90	82.2	4.6	
3845	1977	05	14	09	16	6.0	1.11	80.89	82.4	4.7	GS
4245	1979	12	05	14	15	17.6	12.86	76.77	82.7		
5084	1983	04	21	03	27	54.5	16.50	73.47	82.8	5.1	
1492	1966	06	02	17	49	45.9	14.10	75.80	83.0	4.2	
1771	1967	07	24	10	13	57.0	13.52	76.34	83.0	4.7	ISC
1910	1968	04	24	02	54	20.0	1.10	80.30	83.0	3.9	
2046	1968	09	07	17	41	56.8	5.53	76.87	83.0	5.0	
2108	1968	12	30	14	39	22.0	15.80	70.75	83.0	5.2	
2733	1972	03	27	12	09	41.2	14.57	76.09	83.0	5.2	
2866	1972	09	04	23	32	24.3	3.77	80.61	83.0	5.4	
2949	1973	01	29	05	37	17.7	12.11	77.29	83.0	4.5	
3181	1974	01	19	09	52	58.2	18.83	72.39	83.0	4.9	
3192	1974	02	02	21	09	1.5	15.95	74.48	83.0	5.2	
3447	1974	12	22	16	44	15.5	18.99	69.83	83.0	5.2	
3700	1976	07	29	08	48	30.5	15.45	75.23	83.0	4.8	
3718	1976	09	03	17	57	6.8	15.50	73.68	83.0	5.2	
4269	1980	01	13	12	02	17.6	9.78	78.65	83.0D	5.3	
4637	1981	08	21	09	36	7.9	16.67	73.64	83.1	4.4	
2612	1971	05	26	12	55	36.4	15.09	74.09	83.2		
3459	1975	01	15	00	22	15.6	13.61	72.64	83.2		
5171	1983	12	19	06	26	2.6	15.40	74.54	83.6D	5.4	
3962	1978	01	22	16	48	2.0	11.69	77.67	83.7	5.1	GS
4748	1981	12	19	19	24	25.2	14.98	75.11	83.8	4.8	
385	1951	05	08	20	00	51.0	8.30	79.80	84.0		
397	1951	10	03	11	07	9.0	18.80	70.50	84.0		
403	1952	02	11	03	52	57.0	16.60	73.60	84.0		
434	1953	06	17	14	08	36.0	15.60	74.80	84.0		
481	1955	01	03	18	41	57.0	15.00	75.40	84.0		5.9 ROM
829	1962	03	01	02	12	37.3	15.70	74.30	84.0		

## IV-58

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
968	1963	08	20	20	14	31.4	0.00	80.90	64.0	4.2	
1250	1965	03	20	13	02	28.6	19.00	69.60	64.0	4.5	
1525	1966	07	20	05	47	59.6	19.40	70.50	64.0	4.3	
1634	1968	11	16	17	22	25.6	17.00	72.90	64.0	4.4	
2122	1969	02	03	06	10	15.9	15.41	75.84	64.0	4.5	
2397	1970	06	07	09	00	3.4	9.79	78.85	64.0	4.7	
2562	1971	01	10	22	38	32.8	3.87	80.86	64.0	4.9	
2637	1971	08	01	06	12	41.2	12.91	76.82	64.0	5.2	
2652	1971	09	12	00	46	13.2	7.21	79.98	64.0	4.7	
2724	1972	03	20	07	33	49.6	6.77	76.79	64.0D	6.1	6.9 PAS
3078	1973	07	30	23	35	42.2	3.87	80.88	64.0	4.3	
3583	1975	10	21	23	52	17.0	19.96	69.59	64.0	3.9	
3600	1975	12	06	10	23	47.1	16.98	72.57	64.0	4.8	
3735	1976	10	09	21	10	28.6	10.68	79.49	64.0	5.1	
3901	1977	08	19	12	15	54.4	17.38	70.93	64.0	4.8	
4317	1980	04	22	02	39	9.3	19.75	70.58	64.0	4.7	
4838	1982	04	21	02	12	19.0	9.48	78.82	64.0D	5.2	4.2 ISC
5129	1983	08	18	20	15	46.3	14.93	75.08	64.2D	5.2	
3182	1974	01	20	17	59	9.8	12.58	73.03	64.4		
5130	1983	08	19	09	23	22.2	17.06	72.53	64.5	4.5	
847	1962	06	04	16	53	11.4	16.70	73.20	65.0		
951	1963	07	05	14	29	24.8	3.20	77.80	65.0	4.2	
2079	1968	11	07	18	17	16.2	4.13	80.53	65.0	4.8	
2398	1970	06	07	11	36	7.4	9.64	78.72	65.0	4.7	
2449	1970	09	03	09	02	32.1	8.80	78.20	65.0	4.2	ISC
2461	1970	10	09	06	51	31.0	7.50	76.70	65.0	4.3	ISC
2553	1971	01	03	23	31	10.7	9.70	78.65	65.0G	4.3	
2632	1971	07	09	20	46	32.6	3.89	80.68	65.0	4.7	
3041	1973	06	11	06	07	40.6	20.00	70.10	65.0D	4.8	
3570	1975	09	16	00	44	2.3	4.34	80.70	65.0D	5.0	
3627	1976	02	29	03	45	53.0	8.54	79.43	65.0D	4.9	
3661	1976	05	18	02	02	15.5	16.83	72.70	65.0D	5.4	
3768	1976	12	27	06	22	29.0	3.76	80.72	65.0	4.9	
3856	1977	05	22	10	24	23.9	1.49	80.83	65.0	4.4	
3955	1978	01	03	07	52	45.6	17.09	71.82	65.0	5.1	4.5 ISC
4159	1979	05	27	12	07	5.0	16.96	72.71	65.0	4.6	
4459	1981	02	13	19	58	52.2	15.59	74.53	65.0D	5.6	5.2 BRK
4345	1980	06	19	14	12	22.6	18.77	71.14	65.1		
4614	1981	07	22	02	44	27.8	11.84	77.80	65.2	4.6	
3969	1978	02	11	08	15	19.2	9.84	75.07	65.4	5.1	GS
5247	1984	08	01	15	16	40.3	9.39	78.85	65.4	5.2	
5068	1983	03	21	01	02	51.6	3.81	77.94	65.7	4.6	
4058	1978	10	05	08	48	16.7	16.73	73.61	65.8	4.1	

## EARTHQUAKE CATALOG OF PERU

IV-59

33 km &lt; h ≤ 100 km

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mnb	Ms
964	1963	08	13	12 39 55.3	3.10	80.40	66.0	4.3	
1319	1965	08	01	04 36 40.9	4.90	80.90	66.0	4.0	
1575	1966	10	10	15 28 46.4	1.60	78.90	66.0	4.1	
1777	1967	08	01	01 13 42.6	13.00	76.80	66.0	5.5	
2045	1968	09	06	07 49 42.0	5.77	80.26	66.0D	5.3	
2195	1969	06	30	20 03 23.6	16.14	73.78	66.0	4.6	
2367	1970	06	01	02 45 21.5	10.15	78.73	66.0D	5.8	5.3 BRK
2551	1971	01	02	08 37 4.4	3.90	80.79	66.0	4.4	
2556	1971	01	05	11 35 30.5	3.97	80.90	66.0	4.5	
2577	1971	02	11	17 08 46.3	3.95	80.81	66.0	4.9	
2621	1971	06	10	09 19 54.1	4.03	80.68	66.0	4.4	
3515	1975	05	18	05 10 55.4	9.29	78.94	66.0D	5.2	
4147	1979	05	02	17 15 24.7	16.64	72.69	66.0	4.5	
4548	1981	05	13	12 32 33.7	14.97	72.99	66.0		
4651	1981	09	07	19 38 1.1	13.36	76.52	66.7		
1068	1984	02	20	10 57 43.6	14.10	76.00	67.0	4.5	
1351	1965	09	26	14 20 0.1	13.80	73.00	67.0	3.7	
1383	1965	11	30	09 44 42.5	18.40	70.90	67.0	4.1	
1997	1968	06	27	09 35 40.0	5.76	76.60	67.0	4.0	ISC
2074	1968	10	31	09 15 46.9	16.29	73.30	67.0D	5.7	
2403	1970	06	12	01 38 27.2	9.98	78.80	67.0	4.9	
2422	1970	07	06	06 35 4.9	10.20	78.65	67.0	4.9	
2958	1973	02	23	04 26 23.3	2.09	78.21	67.0	5.7	5.8 BRK
3124	1973	10	19	10 11 16.3	19.42	69.87	67.0D	5.4	
4014	1978	05	24	14 00 8.0	10.42	78.71	67.0		
4015	1978	05	25	10 13 16.4	10.72	78.89	67.0	4.2	
4016	1978	05	25	20 26 38.8	15.38	75.33	67.0		
4215	1979	09	08	01 13 6.1	14.40	75.87	67.0	4.7	
2809	1972	06	29	08 02 36.6	19.86	70.59	67.6	4.2	
3767	1976	12	26	13 22 57.9	16.47	73.51	67.6	5.0	GS
4569	1981	06	08	11 44 44.5	16.85	72.23	67.7	4.3	
5091	1983	04	28	05 13 5.7	16.17	74.16	67.7	5.2	
4950	1982	09	18	21 06 55.1	12.88	76.89	67.8		
764	1961	07	01	13 10 40.9	15.30	74.80	68.0		5.5 MAT
807	1961	11	10	02 07 34.7	14.30	71.90	68.0		
1086	1964	03	23	03 35 44.9	1.20	78.70	68.0	4.2	
1095	1964	04	10	06 09 10.9	14.37	75.70	68.0	4.1	ISC
1812	1967	10	01	12 22 46.1	2.30	79.90	68.0	4.5	
1836	1967	11	12	08 49 24.5	15.60	74.60	68.0	3.9	
1902	1968	04	07	23 49 4.5	5.00	78.00	68.0	4.9	
2029	1968	08	03	04 23 3.0	14.89	75.78	68.0	4.3	
2295	1969	12	21	13 03 53.3	16.43	72.78	68.0	5.0	
2537	1970	12	21	10 58 39.1	4.03	80.28	68.0D	4.7	

## IV-80

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2807	1972	08	25	12	18	58.9	5.01	79.92	68.0	4.9	
3204	1974	02	10	08	12	53.3	14.48	75.66	68.0	4.5	
3506	1975	04	27	18	49	53.0	9.53	79.34	68.0	4.8	
3650	1976	04	29	23	30	17.0	9.20	79.27	68.0	5.0	
4000	1978	04	28	11	00	24.3	16.54	73.39	68.0		
4136	1979	03	29	05	14	5.6	9.38	78.85	68.0	4.9	3.8 ISC
4962	1982	10	06	23	23	43.8	19.32	70.25	68.0D	5.1	
3561	1975	08	23	17	54	23.5	14.24	75.66	68.1		
3764	1976	12	20	16	56	41.5	6.85	77.18	68.2	5.0	GS
3282	1974	06	23	15	45	4.2	5.43	81.88	68.3		
4650	1981	09	07	15	26	50.0	14.16	75.23	68.5		
988	1963	10	07	12	43	53.6	12.90	76.80	69.0	5.4	
1236	1965	02	13	10	05	24.3	5.90	77.60	69.0	4.5	ISC
1345	1965	09	19	14	17	54.5	15.60	74.40	69.0	4.8	
1844	1967	11	24	17	58	2.2	17.20	71.60	69.0	4.0	
2150	1969	03	30	05	05	38.1	4.28	80.67	69.0	4.5	
2336	1970	03	31	08	50	12.2	5.68	80.14	69.0D	5.6	5.0 BRK
2438	1970	08	05	05	25	57.6	9.24	78.91	69.0D	5.6	
2592	1971	04	24	03	34	32.3	6.03	77.22	69.0	4.3	
2646	1971	08	31	12	25	15.3	19.28	69.98	69.0	4.5	
3237	1974	04	14	06	38	8.8	10.47	78.52	69.0	4.8	
3385	1974	10	11	17	54	7.7	16.01	74.21	69.0	4.8	
3410	1974	11	05	23	20	41.3	16.71	71.39	69.0	4.6	
3457	1975	01	10	17	37	37.9	17.40	72.12	69.0	4.0	
3510	1975	05	06	09	49	46.8	5.36	81.14	69.0	4.4	
3760	1976	11	30	17	08	40.9	19.95	69.21	69.0	5.5	
3976	1978	03	14	17	20	47.3	4.67	77.76	69.0D	4.8	
4075	1978	11	21	00	07	6.5	4.33	81.11	69.0	5.1	5.2 ISC
4143	1979	04	25	20	55	18.4	16.06	73.42	69.0	4.8	
4138	1979	04	10	23	47	37.8	16.78	73.86	69.2A		
88	1932	06	18	00	13	39.0	20.00	71.00	70.0		6.3 PAS
311	1946	07	26	06	44	45.0	19.75	70.50	70.0		6.8 PAS
312	1946	09	30	00	59	40.0	13.00	76.00	70.0		7.0 PAS
316	1948	05	11	08	55	41.0	17.50	70.25	70.0		7.3 PAS
845	1962	05	19	23	56	32.4	13.40	76.70	70.0		
1323	1965	08	07	05	26	7.4	9.20	78.70	70.0	4.4	
1851	1967	12	11	04	27	21.8	13.70	69.80	70.0	4.4	
2064	1968	09	28	13	53	35.3	13.16	76.38	70.0G	6.0	6.0 PAS
2387	1970	06	04	02	28	45.3	8.78	75.39	70.0	4.5	ISC
2404	1970	06	12	03	00	16.0	11.20	79.30	70.0	4.3	ISC
2446	1970	08	25	04	41	54.1	10.55	79.36	70.0	4.1	
3080	1973	08	01	10	35	9.4	2.73	77.97	70.0	4.0	
3254	1974	05	17	08	42	6.9	0.63	78.51	70.0	4.6	

## EARTHQUAKE CATALOG OF PERU

## IV-61

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4119	1979	02	24	12	16	14.9	16.63	72.81	70.0	4.8	
4844	1982	05	03	03	27	17.7	13.49	76.11	70.0	5.4	
4929	1982	08	26	05	22	59.7	2.69	79.87	70.0D	5.8	
										5.6 BRK	
3828	1977	05	04	09	47	13.5	16.47	72.31	70.2		
4657	1981	09	15	07	37	12.0	13.23	76.40	70.3		
693	1960	08	25	17	20	24.9	6.40	81.10	71.0		
1083	1964	03	20	06	55	28.1	2.00	79.70	71.0	5.3	
1274	1965	05	11	00	58	31.0	6.70	80.90	71.0	4.1 ISC	
1276	1965	05	19	08	05	14.5	1.80	79.50	71.0	4.1	
1744	1967	06	22	12	06	24.0	2.40	78.20	71.0	4.1 ISC	
2024	1968	07	29	05	57	5.9	19.16	69.77	71.0D	5.2	
2194	1969	06	30	08	27	21.5	3.56	76.97	71.0	4.6	
2608	1971	05	22	14	50	1.2	7.24	76.11	71.0	4.4	
2715	1972	02	15	21	18	21.2	17.51	71.19	71.0	5.7	
3587	1975	10	29	14	41	27.5	0.00	77.90	71.0	4.1	
3630	1976	03	08	08	58	17.3	15.53	74.40	71.0	5.1	
3975	1978	03	10	23	41	38.2	13.26	76.41	71.0	5.2	4.0 ISC
4247	1979	12	07	09	36	57.0	13.35	76.63	71.0	4.7	
4281	1980	02	15	21	19	42.4	2.79	80.26	71.0	4.3	
4300	1980	03	20	14	32	37.9	5.00	80.73	71.0	4.8	
4407	1980	11	12	06	58	11.6	13.35	74.54	71.0	4.9	
5156	1983	11	12	13	53	32.7	15.73	74.11	71.3D	5.3	
2785	1972	05	30	07	33	18.3	14.45	75.98	71.4		
5061	1983	03	01	05	56	19.4	11.79	73.75	71.9		
953	1963	07	18	05	25	4.3	18.50	69.30	72.0	4.9	
1291	1965	06	24	03	29	45.0	18.20	69.70	72.0	5.0	
1313	1965	07	30	05	45	16.1	18.10	70.80	72.0	6.0	4.8 PAL
1875	1968	01	28	04	37	58.0	17.20	71.90	72.0	4.1 ISC	
2111	1969	01	06	20	18	31.3	18.44	70.70	72.0	4.9	
2306	1970	01	18	23	32	58.4	1.37	80.60	72.0	4.2	
2472	1970	11	07	02	28	28.0	15.95	71.36	72.0	4.7 ISC	
2804	1972	06	19	15	50	30.0	12.10	77.51	72.0	5.2	
2876	1972	09	24	21	44	24.7	16.90	73.03	72.0	4.0	
3016	1973	05	03	15	50	34.6	1.98	78.40	72.0	4.1	
3186	1974	01	22	13	00	8.3	6.30	81.10	72.0	4.5	
4009	1978	05	20	09	41	29.8	17.38	71.91	72.0	5.2	3.9 ISC
4213	1979	08	29	05	14	12.2	18.90	70.78	72.0A		
4711	1981	11	17	11	02	17.4	13.13	76.34	72.1		
3777	1977	01	22	11	37	25.2	16.96	71.62	72.5		
2613	1971	05	27	18	36	19.3	3.71	80.54	72.8	4.2	
708	1960	11	21	04	21	48.6	6.50	80.70	73.0		
1265	1965	04	28	09	42	10.2	14.20	76.20	73.0	4.3	

## IV-62

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1353	1965	09	30	11	35	8.6	3.10	79.00	73.0	3.8	
1619	1966	11	03	13	26	34.0	15.40	75.30	73.0	4.4	
3110	1973	10	01	10	34	30.6	16.19	73.42	73.0	4.9	
3445	1974	12	17	13	47	34.8	14.05	75.75	73.0	4.6	
3579	1975	10	17	00	56	59.5	0.31	80.63	73.0	4.6	
3666	1976	05	23	16	32	33.0	10.49	78.32	73.0D	5.9	
3999	1978	04	27	11	19	43.6	12.70	76.78	73.0	4.5	
4115	1979	02	18	21	53	15.9	16.96	72.71	73.0		
4199	1979	08	01	16	40	54.5	11.09	77.96	73.0	5.2	
4396	1980	10	27	09	41	30.4	19.55	70.33	73.0	4.8	
4118	1979	02	22	16	55	28.6	17.11	72.73	73.3	4.2	
5235	1984	06	27	04	00	10.6	19.02	68.47	73.4	4.7	
2980	1973	03	17	08	28	9.3	9.63	77.79	73.9	4.6	
4645	1981	08	28	19	44	27.8	12.78	77.07	73.9		
844	1962	05	04	23	08	5.3	0.90	80.80	74.0		
1666	1967	01	29	18	27	44.1	4.63	77.84	74.0	4.2	
1759	1967	07	13	14	20	38.7	15.20	74.90	74.0	5.2	
2196	1969	07	03	12	31	44.0	5.36	80.93	74.0	4.4	
2578	1971	03	01	17	21	9.9	9.21	78.87	74.0	5.0	
3418	1974	11	11	11	43	53.7	7.33	76.72	74.0	4.7	
3558	1975	08	11	10	39	18.8	11.73	77.75	74.0D	5.6	
4144	1979	04	25	22	18	1.6	15.19	72.37	74.0	5.0	
4181	1979	06	15	08	53	36.7	12.17	76.65	74.0D	5.4	
4684	1981	10	13	16	06	26.9	15.51	71.23	74.5		
94	1932	12	09	08	34	55.0	15.00	75.00	75.0		6.5 PAS
856	1962	07	16	04	49	21.5	11.20	79.80	75.0		
879	1962	10	11	06	22	50.6	1.30	80.40	75.0		
1177	1964	10	13	23	54	15.2	13.20	76.50	75.0	4.6	
1283	1965	06	05	20	41	8.3	13.80	71.50	75.0	4.2	
1417	1966	01	18	10	25	59.3	3.60	80.90	75.0	4.5	
1429	1966	02	09	03	55	4.7	16.60	72.30	75.0	4.4	
2566	1971	01	16	20	54	30.9	9.09	78.83	75.0G	5.3	
2593	1971	04	26	14	26	30.5	7.19	74.88	75.0	4.6	
2952	1973	02	01	04	10	23.0	4.03	80.53	75.0	4.9	
3064	1973	07	21	15	39	5.0	19.15	70.15	75.0	4.3	
3961	1978	01	21	13	29	40.7	13.02	71.54	75.0	5.2	
4017	1978	05	28	06	07	4.0	6.71	74.57	75.0	4.9	
4163	1979	05	31	12	44	9.9	10.54	78.58	75.0	4.5	
5244	1984	07	29	14	08	57.9	16.09	75.29	75.2	4.9	
2893	1972	10	12	10	43	33.4	16.45	71.84	75.3		
4371	1980	09	03	11	17	59.5	5.64	79.36	75.9	4.3	
760	1961	06	22	07	43	51.6	19.10	70.80	76.0		
1849	1967	12	09	09	25	39.8	17.10	70.70	76.0	4.7	

## EARTHQUAKE CATALOG OF PERU

IV-63

33km &lt; h ≤ 100 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2028	1988	08	02	10 09 30.9	5.75	77.43	78.0	4.3	
2118	1989	01	21	11 41 36.2	2.27	79.94	78.0	4.2	
3229	1974	04	01	15 34 12.4	4.91	77.70	78.0	4.8	
3301	1974	07	26	07 32 9.1	12.60	78.68	78.0	4.4	
3492	1975	04	03	09 24 46.3	16.90	73.47	76.0		
3612	1976	01	06	23 54 22.2	17.92	69.48	78.0	5.6	
4471	1981	03	09	22 03 4.0	2.02	80.16	76.0	4.9	
4479	1981	03	21	11 45 26.8	14.45	73.26	76.0	4.9	
3665	1976	05	22	08 02 1.2	18.89	70.93	78.4	4.0	GS
4741	1981	12	11	16 44 49.6	14.22	75.69	76.6		
4400	1980	11	02	22 40 41.4	17.06	72.65	76.8	4.7	
818	1962	01	02	05 23 41.5	18.10	70.60	77.0		
819	1962	01	03	06 53 16.2	18.70	71.00	77.0		
1922	1968	05	22	09 35 30.0	5.50	81.60	77.0	4.3	ISC
3088	1973	08	07	15 54 23.0	9.36	78.82	77.0	4.9	
3787	1977	02	15	14 19 25.3	19.20	69.95	77.0	4.5	
4031	1978	07	13	05 38 6.7	2.37	77.57	77.0	3.9	
4157	1979	05	26	22 33 29.0	14.93	75.05	77.0	4.4	
4190	1979	07	03	03 00 51.1	16.66	73.11	77.0	5.1	
4312	1980	04	10	00 46 3.2	11.61	77.38	77.0	4.9	
992	1963	10	19	02 14 17.4	18.30	71.20	78.0	4.5	
1219	1965	01	10	03 43 44.5	3.30	81.40	78.0	4.8	
1268	1965	05	04	12 10 41.1	16.50	73.20	78.0	4.5	
1715	1967	05	08	07 01 43.1	8.30	78.90	78.0	4.2	
1821	1967	10	17	05 41 15.5	13.70	76.50	78.0	4.4	
2031	1968	08	05	14 23 44.4	12.82	76.80	78.0	4.4	
2173	1969	05	21	00 40 27.4	8.56	77.18	78.0	4.2	
2450	1970	09	08	08 44 35.8	9.49	78.97	78.0	4.8	
3169	1973	12	30	09 25 37.2	15.00	71.97	78.0		
3227	1974	03	30	02 15 15.7	19.88	68.86	78.0	4.8	
3601	1975	12	08	01 50 19.1	5.51	77.30	78.0	5.0	
5108	1983	06	20	23 45 8.1	13.25	76.54	78.4	4.8	
4900	1982	08	03	00 49 52.0	15.93	71.32	78.7	4.9	
790	1961	09	05	13 37 33.2	16.40	72.60	79.0		
846	1962	05	25	14 49 11.2	2.50	79.10	79.0		
955	1963	07	22	16 33 22.2	12.50	73.70	79.0	4.5	
1022	1963	11	27	02 19 41.9	16.60	72.10	79.0	4.9	
1028	1963	12	10	14 49 42.6	18.10	68.50	79.0	5.3	
1392	1965	12	08	02 55 38.4	15.50	74.70	79.0	4.3	
1447	1966	03	12	18 06 52.7	14.10	73.60	79.0	4.1	
2018	1968	07	24	22 31 40.4	2.55	77.81	79.0	4.9	
3025	1973	05	19	18 18 31.4	15.57	73.85	79.0D	5.2	
4114	1979	02	17	15 41 15.6	16.63	72.66	79.0	5.1	4.2 ISC



## IV-64

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4310	1980	04	06	18	25	59.6	17.00	72.80	79.0		
3896	1977	08	07	21	42	8.2	18.15	71.56	79.1	5.0 GS	
5236	1984	06	30	11	39	15.3	2.05	79.02	79.3		
96	1933	07	23	04	13	11.0	15.75	75.25	80.0		6.0 PAS
97	1933	07	31	15	23	7.0	15.50	75.50	80.0		6.0 PAS
373	1950	12	10	02	50	42.0	14.25	75.75	80.0		7.0 PAS
753	1961	05	21	08	34	0.3	10.80	77.90	80.0		
806	1961	11	06	05	13	19.9	13.30	76.70	80.0		
855	1962	07	15	14	43	50.1	9.30	78.90	80.0		
895	1962	12	24	17	43	5.3	8.40	78.70	80.0		
965	1963	08	15	14	36	1.2	10.00	78.60	80.0	4.4	
984	1963	09	24	16	30	16.0	10.60	78.00	80.0	6.0	
1131	1964	06	16	11	15	25.0	18.00	71.70	80.0	4.1 ISC	
1132	1964	06	21	06	54	46.2	14.90	73.30	80.0	5.0	
1186	1964	11	12	12	13	34.6	18.00	69.80	80.0	4.8	
1188	1964	11	18	04	03	58.0	13.10	75.00	80.0	4.3	
1377	1965	11	21	04	29	23.9	11.30	73.50	80.0	4.2	
1642	1966	12	07	18	23	9.3	1.60	80.30	80.0	4.2	
2141	1969	03	11	17	50	16.8	9.44	78.75	80.0	4.8	
2189	1969	06	16	17	15	9.6	17.19	72.81	80.0	4.4	
2314	1970	02	09	02	16	24.2	5.36	76.52	80.0	4.7	
2338	1970	04	03	20	40	48.6	3.37	77.39	80.0	4.5	
3074	1973	07	28	19	46	11.7	4.25	80.49	80.0	4.5	
3235	1974	04	13	02	27	41.8	8.70	78.41	80.0D	4.8	
3258	1974	05	24	16	46	18.9	11.65	73.09	80.0	4.1	
3554	1975	08	10	05	23	59.4	8.84	79.58	80.0	4.7	
3692	1976	07	08	12	46	16.9	4.75	79.72	80.0	4.6	
3033	1973	06	05	09	11	27.5	18.02	71.79	80.3		
3170	1973	12	30	11	34	44.2	15.04	72.00	80.3A		
3923	1977	10	10	18	56	0.8	16.58	72.92	80.4		
3065	1973	07	23	09	42	57.7	15.77	75.25	80.5		
2984	1973	03	21	05	22	54.3	15.18	75.33	80.8		
1196	1964	11	29	17	08	25.7	4.80	79.30	81.0	4.6	
1839	1967	11	15	19	29	53.1	15.90	73.60	81.0	4.4	
2104	1968	12	27	21	29	25.4	18.69	70.28	81.0	4.1	
2186	1969	06	11	21	15	32.6	8.59	79.69	81.0	5.0	
2347	1970	05	07	10	12	55.9	3.53	79.48	81.0	4.8	
2688	1971	11	27	07	34	59.8	8.84	79.04	81.0	4.6	
3201	1974	02	08	06	22	11.5	8.32	77.18	81.0	4.6	
3498	1975	04	12	15	33	8.6	14.77	72.71	81.0	5.9	
3917	1977	09	28	01	01	52.1	5.71	77.04	81.0	4.7	
4073	1978	11	14	18	39	26.1	12.51	75.06	81.0		
4208	1979	08	21	12	16	11.5	15.82	74.36	81.0	4.9	

## EARTHQUAKE CATALOG OF PERU

IV-65

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2878	1972	09	26	04	11	49.8	18.51	73.10	81.2		
5151	1983	11	01	09	54	32.1	11.32	77.99	81.4	4.9	
3891	1977	08	01	03	09	32.5	17.74	71.84	81.7	4.8	GS
716	1960	12	23	14	34	37.9	4.80	75.60	82.0		
719	1960	12	27	18	09	41.6	13.80	74.30	82.0		
986	1963	10	06	12	10	47.8	9.00	75.00	82.0	4.1	
1073	1964	03	02	17	19	58.4	1.70	77.50	82.0	4.6	
1092	1964	04	03	13	46	38.0	8.70	78.70	82.0	4.6	
1281	1965	06	03	12	12	36.8	13.10	76.80	82.0	4.2	
1490	1966	06	01	18	18	29.4	16.50	73.40	82.0	4.3	
1669	1967	02	05	03	20	44.3	5.10	80.56	82.0	4.1	
1711	1967	04	28	17	45	16.8	2.78	79.43	82.0	4.3	
1818	1967	10	14	01	07	15.0	1.11	80.40	82.0	4.0	ISC
1864	1967	12	30	19	14	39.1	19.40	69.10	82.0	3.9	
2223	1969	08	11	16	15	16.5	11.63	74.69	82.0	4.2	
2243	1969	09	19	02	45	46.1	4.35	80.22	82.0D	4.2	
2626	1971	06	25	07	08	46.4	15.94	73.71	82.0	4.5	
2703	1972	01	15	15	42	31.7	14.69	72.54	82.0	4.3	
3076	1973	07	29	16	15	49.6	14.33	72.13	82.0	5.5	
3478	1975	02	26	20	14	59.6	19.80	69.27	82.0	5.7	
4060	1978	10	13	01	58	4.1	16.56	73.08	82.1	3.8	
2987	1973	03	28	12	58	39.9	12.85	76.21	82.3		
3411	1974	11	06	13	22	50.0	19.23	69.86	82.6		
4822	1982	04	05	09	51	30.5	12.92	76.26	82.8		
3450	1974	12	25	04	02	20.7	19.56	69.67	82.9	4.2	
5096	1983	05	15	14	50	0.1	16.01	73.21	82.9	5.0	
749	1961	04	27	17	52	14.2	13.20	75.10	83.0		
1418	1966	01	19	04	44	31.1	17.80	71.40	83.0	5.2	
1509	1966	06	14	08	54	49.5	18.20	68.60	83.0	4.4	
1976	1968	06	22	04	29	8.9	18.07	71.00	83.0	3.9	ISC
2222	1969	08	10	02	39	33.9	15.61	74.11	83.0	4.8	
2237	1969	09	08	07	25	1.4	16.92	70.36	83.0	4.0	
2583	1971	03	21	14	31	37.1	14.10	72.13	83.0	5.5	
3407	1974	10	31	14	34	10.4	15.06	70.69	83.0	5.2	
3992	1978	04	17	10	36	52.8	10.33	73.92	83.0D	4.9	
4149	1979	05	05	18	06	29.8	19.34	68.70	83.0		
4858	1982	05	25	19	24	8.7	18.00	71.29	83.4		
5123	1983	07	30	09	47	38.9	13.07	75.17	83.5	5.1	
5190	1984	02	09	01	19	9.0	12.84	76.04	83.7	5.4	
814	1961	12	17	21	32	3.1	14.40	75.50	84.0		
883	1962	11	06	12	23	22.7	4.00	79.80	84.0		
1149	1964	07	21	07	33	19.6	20.00	69.80	84.0	4.5	
2344	1970	04	25	05	54	53.6	3.90	80.07	84.0	4.7	

## IV-66

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3048	1973	06	21	13	01	8.5	15.91	74.19	84.0	4.2	
3451	1974	12	25	18	01	19.9	19.67	69.75	84.0	4.2	
4166	1979	06	01	21	05	50.7	16.70	72.29	84.0	4.5	
4182	1979	06	16	04	54	26.4	15.61	73.96	84.0	4.9	
2864	1972	09	01	09	02	49.8	17.31	72.03	84.1		
3108	1973	09	26	17	43	37.4	19.71	69.65	84.1		
3746	1976	10	28	09	59	29.6	15.02	73.73	84.2	5.3	GS
3784	1977	02	08	05	34	8.7	17.45	71.13	84.4		
4628	1981	08	11	23	47	12.1	16.62	72.68	84.4	5.0	
5093	1983	05	13	03	03	29.9	12.78	76.83	84.6		
1464	1966	04	11	06	46	7.5	19.90	68.60	85.0	4.6	
1876	1968	01	30	09	24	45.0	14.50	70.10	85.0	4.2	ISC
2098	1968	12	10	00	58	59.4	5.76	77.44	85.0	4.4	
2529	1970	12	14	17	30	35.5	14.99	73.45	85.0G	4.8	
2777	1972	05	21	03	50	30.9	16.03	73.86	85.0D	5.4	
2877	1972	09	25	14	54	42.7	18.16	70.16	85.0	4.3	
4109	1979	02	16	11	13	11.9	17.08	72.85	85.0	4.6	
4455	1981	02	02	07	20	33.2	16.95	71.15	85.0	4.7	
727	1961	01	28	03	24	46.9	13.60	76.30	86.0		5.8 UPP
1005	1963	11	06	01	01	7.0	12.80	73.90	86.0	4.4	
1085	1964	03	22	17	51	19.5	14.20	75.60	86.0	4.3	
1352	1965	09	27	03	15	55.3	1.40	80.60	86.0	4.6	
1621	1966	11	04	09	15	1.0	4.40	77.80	86.0	4.5	
1785	1967	08	16	02	37	11.9	14.20	75.60	86.0	4.2	
2239	1969	09	15	04	11	35.3	16.93	72.36	86.0	4.0	ISC
2796	1972	06	10	07	35	47.5	13.81	72.83	86.0	4.0	
2963	1973	03	01	17	49	6.1	2.08	78.21	86.0	4.9	
3983	1978	04	02	09	07	7.1	19.07	69.28	86.0	5.3	4.6 ISC
4013	1978	05	23	06	54	24.9	15.85	74.59	86.0	4.9	
5145	1983	10	11	10	05	36.7	3.73	79.07	86.1	5.1	
3142	1973	11	08	08	28	27.5	16.12	74.80	86.5		
5207	1984	04	25	11	15	11.0	17.88	70.82	86.5	5.1	
5027	1982	12	20	07	28	12.8	16.30	73.51	86.7	4.6	
1566	1966	09	17	12	55	23.4	5.00	77.40	87.0	4.3	
2414	1970	06	27	05	59	53.0	10.20	79.20	87.0	4.8	ISC
3606	1975	12	21	18	05	40.6	3.78	77.37	87.0D	5.3	
3940	1977	11	14	08	03	17.6	13.71	76.37	87.0		
4968	1982	10	16	00	12	45.1	14.16	73.00	87.0D	4.9	
3895	1977	08	07	21	09	32.1	18.58	71.51	87.3		
2732	1972	03	24	03	01	4.3	7.01	76.75	87.5		
3256	1974	05	22	05	13	43.7	15.30	69.82	87.5		
4911	1982	08	10	05	20	12.3	12.95	76.28	87.8		
4824	1982	04	07	11	52	3.0	2.50	78.56	87.9	5.2	

## EARTHQUAKE CATALOG OF PERU

IV-87

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
851	1962	07	08	02	25	55.8	14.40	75.50	88.0		
1398	1965	12	14	04	55	18.8	18.30	70.80	88.0	5.2	
1435	1966	02	20	08	17	29.8	19.60	69.90	88.0	3.7	
1678	1967	02	17	23	26	46.8	15.91	71.23	88.0	4.4	
2289	1969	12	12	07	34	10.7	14.45	75.79	88.0	4.2	
4069	1978	11	10	12	18	55.7	17.86	69.24	88.0	5.2	
4291	1980	03	07	04	31	2.0	13.78	75.35	88.0	4.6	
3281	1974	06	23	11	47	10.4	10.24	77.47	88.6	4.6	
3776	1977	01	20	04	15	40.4	17.01	72.08	88.8		
1388	1965	12	03	09	55	49.7	4.50	79.90	89.0	4.5	
1702	1967	04	05	18	12	2.3	16.21	73.29	89.0	4.4	
1820	1967	10	16	01	31	49.6	10.70	77.60	89.0	4.7	
1871	1968	01	11	02	43	40.1	16.90	71.50	89.0	4.4	
2084	1968	11	22	08	47	30.8	15.75	74.03	89.0	4.3	
2439	1970	08	07	03	48	5.4	0.66	79.87	89.0	4.2	
2712	1972	02	04	05	15	7.6	14.85	73.02	89.0	4.5	
2769	1972	05	10	17	30	35.0	2.81	78.67	89.0	5.4	
2959	1973	02	23	06	41	25.5	2.05	78.19	89.0	5.0	
3053	1973	07	07	12	45	0.1	19.17	69.77	89.0	5.3	
3136	1973	11	03	04	34	36.8	17.89	70.68	89.0	5.0	
4289	1980	03	06	12	29	49.8	16.50	73.50	89.0	4.9	
4349	1980	06	29	20	12	51.5	15.36	74.10	89.0	4.8	
4726	1981	11	30	07	48	39.5	5.15	77.65	89.2	4.4	
149	1937	10	15	03	41	15.0	13.50	77.00	90.0		5.3 PAS
933	1963	05	23	03	57	43.8	1.60	80.80	90.0	4.6	
952	1963	07	10	11	47	35.1	16.30	72.20	90.0	4.1	
1305	1965	07	13	22	34	48.5	3.20	77.70	90.0	4.4	
1749	1967	06	24	18	07	28.5	15.50	74.00	90.0	4.9	
1900	1968	04	04	02	46	14.8	2.60	79.00	90.0	4.0	
2184	1969	06	07	08	27	32.8	2.15	79.84	90.0D	4.5	
2452	1970	09	11	01	43	52.7	14.65	74.25	90.0	4.1	
3031	1973	05	30	12	39	54.3	14.06	72.79	90.0D	5.1	
3369	1974	10	06	18	32	43.3	15.30	74.78	90.0	4.9	
3429	1974	11	21	19	38	40.8	13.69	75.96	90.0		5.3 ISC
3711	1976	08	24	00	14	28.0	8.30	74.38	90.0	4.7	
4055	1978	09	25	08	56	42.4	19.54	68.48	90.0	4.9	
4283	1980	02	18	13	03	24.5	2.25	79.73	90.0	5.3	
4586	1981	06	24	13	25	35.3	2.52	79.10	90.0D	4.5	
5132	1983	08	22	08	50	0.4	18.17	70.37	90.3	4.1	
3849	1977	05	17	15	55	33.5	17.22	71.66	90.5		
3894	1977	08	06	07	59	37.9	16.47	73.75	90.6		
3089	1973	08	11	22	08	54.1	14.70	72.72	90.7	4.5	
3749	1976	11	08	00	14	17.3	19.51	69.12	90.9		

## IV-68

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4747	1981	12	18	21	54	49.0	14.17	72.22	90.9		
897	1960	09	14	00	08	3.0	15.20	78.20	91.0		
831	1962	03	12	01	52	37.0	13.90	72.80	91.0		
854	1962	07	13	22	55	48.4	11.90	75.10	91.0		
1114	1964	05	18	04	15	8.4	12.00	73.80	91.0	4.3	
1183	1964	11	02	06	50	58.2	4.10	76.90	91.0	6.0	
1942	1968	06	19	09	17	20.9	5.75	77.00	91.0	4.6	ISC
2032	1968	08	11	02	41	52.8	15.19	73.97	91.0D	5.6	
2121	1969	01	30	12	57	28.7	6.39	81.28	91.0	4.4	
2193	1969	06	24	05	18	59.6	16.49	72.53	91.0	3.7	
2321	1970	02	26	07	35	46.0	13.69	74.09	91.0D	5.0	
2408	1970	06	17	04	44	20.9	15.75	71.83	91.0	5.9	
2584	1971	03	23	10	27	4.4	10.35	78.48	91.0	4.7	
2661	1971	09	27	12	44	25.6	19.49	69.05	91.0	4.6	
2683	1971	11	04	22	48	15.3	19.74	69.11	91.0	3.8	
3331	1974	09	20	04	48	33.8	19.64	69.07	91.0	4.6	
3403	1974	10	27	16	21	24.7	16.65	71.59	91.0	4.5	
3557	1975	08	10	13	57	44.6	19.92	68.90	91.0	4.7	
3642	1976	04	01	17	17	36.0	16.31	73.21	91.0	4.9	
4087	1978	12	26	18	16	47.0	14.47	73.92	91.0	4.5	
4252	1979	12	21	00	26	6.9	2.65	79.01	91.0	5.0	4.1 ISC
4477	1981	03	18	03	39	44.1	9.97	78.39	91.0	4.6	
4625	1981	08	03	13	37	47.4	5.35	78.13	91.0D	4.9	
4957	1982	10	04	07	17	32.4	12.42	76.01	91.9		
864	1962	08	24	13	15	37.0	17.50	70.40	92.0		
1155	1964	08	10	07	34	49.9	16.70	70.80	92.0	5.2	
1312	1965	07	28	19	42	47.5	15.70	73.90	92.0	4.1	
1755	1967	07	03	23	58	14.2	8.50	74.40	92.0	4.4	
2090	1968	12	01	02	19	29.5	14.00	75.86	92.0	4.5	
2233	1969	08	30	16	06	53.5	14.21	73.34	92.0	4.6	
2671	1971	10	15	02	42	3.6	15.07	73.91	92.0	4.9	
2685	1971	11	12	00	10	5.7	13.01	76.34	92.0	4.8	
2954	1973	02	06	04	09	6.0	5.18	78.42	92.0	4.8	
4221	1979	09	16	09	09	9.6	2.31	79.05	92.0D	4.8	
4553	1981	05	22	17	48	0.7	19.30	69.26	92.0	4.9	
3829	1977	05	05	02	52	40.3	13.66	76.37	92.1		
2722	1972	03	17	04	29	40.5	15.42	73.68	92.4		
3993	1978	04	20	03	41	48.6	12.97	75.26	92.6	4.7	
3547	1975	07	31	10	42	31.9	5.22	78.83	92.8		
4777	1982	02	03	00	37	48.3	2.27	79.17	92.8	5.0	
5153	1983	11	03	07	41	11.5	4.01	79.42	92.8D	5.9	
2881	1972	09	28	11	49	53.8	16.59	72.88	92.9		
1264	1965	04	27	05	24	50.1	13.80	76.00	93.0	4.8	

## EARTHQUAKE CATALOG OF PERU

IV-89

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1378	1965	11	23	10	21	0.3	18.10	70.70	93.0	4.4	
2114	1969	01	13	05	02	32.4	13.60	77.75	93.0	4.3	
2228	1969	08	22	09	46	48.3	14.30	73.30	93.0	4.2	
2324	1970	03	02	03	30	24.4	14.50	73.73	93.0	4.5	ISC
3218	1974	03	14	06	10	18.4	12.63	74.65	93.0	4.2	
3501	1975	04	19	13	13	39.2	14.80	72.80	93.0	4.7	
4513	1981	04	20	14	30	43.5	14.76	73.95	93.0	4.6	
2847	1972	08	11	15	00	5.9	19.60	70.35	93.1		
3732	1976	10	06	15	44	28.9	0.98	78.78	93.2	4.8	GS
4687	1981	10	17	11	53	42.1	15.44	71.31	93.2	4.4	
931	1963	05	17	14	11	5.7	14.10	73.90	94.0	4.9	
947	1963	06	30	12	43	56.5	8.80	77.90	94.0	4.2	
1046	1964	01	12	14	21	51.5	10.90	74.60	94.0	4.2	
1080	1964	03	15	14	14	51.8	2.70	77.70	94.0	4.3	
1269	1965	05	05	09	13	56.7	13.90	75.90	94.0	4.7	
1338	1965	09	10	10	24	19.4	14.40	72.40	94.0	3.9	
1867	1968	01	04	03	39	25.9	9.50	75.50	94.0	4.4	
2485	1970	12	09	06	18	16.0	16.20	73.10	94.0	4.3	
2609	1971	05	23	08	58	31.3	14.06	72.90	94.0	5.5	
3128	1973	10	23	07	39	8.1	14.51	73.02	94.0	4.0	
3324	1974	09	04	03	40	37.6	17.84	71.50	94.0	4.2	
4070	1978	11	10	17	25	32.1	14.33	73.49	94.0		
4233	1979	10	19	03	50	8.5	19.26	69.16	94.0	4.6	
4270	1980	01	16	15	49	15.0	14.54	73.49	94.0	5.7	
4700	1981	11	02	14	30	55.0	18.91	69.78	94.0D	5.1	6.1 PAS
5138	1983	09	14	08	35	17.2	3.67	79.25	94.0	5.6	
2885	1972	09	30	17	04	11.7	14.35	73.21	94.2		
5173	1983	12	20	11	37	15.7	14.38	73.67	94.3	4.7	
5117	1983	07	15	20	16	57.1	17.57	71.36	94.6	4.9	
5071	1983	04	01	02	35	45.0	19.87	68.79	94.8	5.0	
3574	1975	10	07	08	25	58.8	0.43	80.65	94.9		
3702	1976	08	05	22	20	1.1	15.99	73.35	94.9	5.1	GS
920	1963	04	04	08	26	26.5	16.30	73.00	95.0	4.6	
1201	1964	12	07	10	07	42.0	18.10	68.70	95.0	4.4	
1421	1966	01	22	14	05	41.3	10.30	74.70	95.0	4.2	
1764	1967	07	16	21	03	52.8	13.10	75.20	95.0	4.6	
2082	1968	11	14	16	56	13.8	16.38	71.96	95.0	4.1	
2101	1968	12	21	15	28	33.5	17.56	69.55	95.0G	4.6	
2158	1969	04	15	14	35	19.0	13.13	74.47	95.0	4.3	
2320	1970	02	26	03	03	40.7	13.65	74.01	95.0G	5.4	
2392	1970	06	04	21	21	40.4	19.23	69.86	95.0	4.3	
2716	1972	02	21	05	31	23.7	16.39	71.27	95.0	5.2	
2749	1972	04	11	12	09	43.3	13.69	75.87	95.0	4.3	

## IV-70

33 km &lt; h ≤ 100 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2846	1972	08	11	10 44 28.0	15.41	73.22	95.0	5.1	3.1 ISC
3303	1974	07	27	23 48 19.8	10.15	78.60	95.0	4.8	
3314	1974	08	17	14 38 38.0	19.23	69.86	95.0	4.0	
3610	1976	01	05	02 31 36.3	13.29	74.90	95.0	6.0	
3662	1976	05	18	03 17 32.8	16.30	72.38	95.0	4.9	
3706	1976	08	17	06 02 38.5	15.98	72.91	95.0	5.1	
4399	1980	11	02	18 21 15.6	4.53	79.44	95.0D	5.0	
4819	1982	03	28	23 24 51.1	12.69	76.07	95.0D	6.1	
2896	1972	10	18	08 02 40.4	19.44	69.84	95.1		
4595	1981	07	04	15 14 28.6	10.34	77.48	95.4	4.8	
5202	1984	04	03	05 04 33.0	16.03	73.09	95.5	5.1	
3415	1974	11	09	10 10 37.7	14.59	73.87	95.9		
357	1950	06	22	20 43 3.0	1.20	78.50	96.0		
359	1950	06	30	10 54 12.0	6.20	75.30	96.0		
383	1951	03	13	00 21 9.0	9.00	74.10	96.0		
392	1951	07	03	11 24 42.0	16.00	74.50	96.0		3.1 ISC
405	1952	02	20	09 10 3.0	16.00	74.50	96.0		
413	1952	05	08	09 38 58.0	16.90	70.30	96.0		
797	1961	09	25	01 22 31.3	15.80	73.70	96.0		
863	1962	08	17	07 26 33.4	4.70	79.40	96.0		
1097	1964	04	19	19 41 31.3	13.80	75.30	96.0	4.4	
2155	1969	04	07	18 49 32.9	14.53	73.38	96.0	4.3	
2675	1971	10	21	15 32 39.7	18.30	69.57	96.0	4.5	
3748	1976	11	03	17 09 12.3	16.63	71.58	96.0	5.1	
3763	1976	12	15	02 33 22.8	15.00	73.71	96.0	5.0	
3774	1977	01	19	16 09 26.6	14.17	72.87	96.0	5.0	
4441	1980	12	30	06 44 11.8	5.37	80.20	96.0	4.0	
4560	1981	05	26	04 55 30.2	3.00	79.18	96.0	5.1	
4945	1982	09	11	09 22 9.7	16.16	73.99	96.2	4.5	
3750	1976	11	09	10 43 57.3	15.43	76.49	96.3		3.1 ISC
5155	1983	11	08	06 52 46.3	3.82	79.13	96.8	4.6	
3058	1973	07	13	19 06 58.3	6.87	76.32	96.9	4.4	
3206	1974	02	12	05 53 22.9	16.27	72.74	96.9		
907	1963	02	24	05 38 19.1	15.10	72.50	97.0	5.0	
1257	1965	04	06	19 21 49.7	3.10	78.20	97.0	5.0	
1320	1965	08	01	06 13 59.2	16.70	71.40	97.0	4.1	
1399	1965	12	19	20 10 23.7	14.70	73.50	97.0	5.1	
1835	1967	11	09	08 09 10.8	16.90	71.50	97.0	3.8	
2056	1968	09	17	21 49 58.7	13.73	75.90	97.0	4.5	
2109	1969	01	01	08 04 34.0	5.95	77.07	97.0	4.3	
2275	1969	11	10	00 10 21.2	2.63	79.59	97.0	4.0	
2480	1970	11	19	13 19 53.1	9.94	78.81	97.0	4.7	
2706	1972	01	22	05 25 58.0	13.11	76.05	97.0	4.1	

## EARTHQUAKE CATALOG OF PERU

IV-71

33 km &lt; h ≤ 100 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2708	1972	01	27	18 45 7.7	3.92	79.75	97.0	5.2	
3196	1974	02	06	03 15 44.4	10.97	74.62	97.0	4.8	
3215	1974	03	11	17 03 13.1	9.35	78.43	97.0	5.1	
3477	1975	02	22	11 39 34.1	8.50	75.23	97.0	4.4	
3840	1976	03	25	07 08 42.4	9.53	78.67	97.0	4.8	
4548	1981	05	11	17 18 56.8	16.52	72.85	97.0		
4598	1981	07	06	08 16 15.0	16.04	70.47	97.0	4.4	
5271	1984	12	13	19 36 2.7	7.25	77.38	97.0	5.0	
4848	1982	05	08	06 19 2.1	2.04	79.71	97.3	4.9	
5182	1984	01	14	13 34 4.8	11.55	74.31	97.3	4.9	
2913	1972	11	18	09 49 52.8	15.79	74.19	97.8		
867	1962	09	09	03 21 55.5	15.60	73.40	98.0		
1482	1966	05	20	08 41 5.5	19.40	69.80	98.0	3.8	
1529	1966	07	26	21 53 33.3	11.20	74.90	98.0	4.5	
1643	1966	12	08	11 34 29.2	1.50	80.50	98.0	4.5	
1649	1966	12	14	08 39 45.0	12.60	75.00	98.0	4.3	
2790	1972	06	04	22 22 57.0	2.84	78.95	98.0	5.0	
2818	1972	07	05	20 02 28.6	16.33	73.07	98.0	4.3	
2890	1972	10	09	16 17 18.1	15.21	73.11	98.0	4.9	
3172	1974	01	05	08 33 50.7	12.30	76.35	98.0D	6.3	6.6 PAS
3484	1975	03	18	17 21 23.4	4.23	77.01	98.0D	6.2	6.5 PAS
3602	1975	12	11	20 17 8.1	11.56	74.55	98.0D	6.0	
3721	1976	09	14	14 27 18.1	15.37	74.45	98.0	5.0	
4038	1978	07	29	12 33 58.5	11.60	76.49	98.0	5.0	3.5 ISC
4152	1979	05	13	22 41 53.6	3.80	79.39	98.0D	4.7	
4248	1979	12	13	15 30 18.0	7.91	72.23	98.0A		
4151	1979	05	11	13 22 50.0	19.32	69.32	98.1		
2919	1972	11	30	20 05 6.8	14.77	73.37	98.5	4.3	
3224	1974	03	25	16 59 56.2	14.97	72.93	98.6		
4888	1982	07	21	22 11 3.5	13.22	75.09	98.6	5.1	
3165	1973	12	16	13 20 11.3	15.65	73.80	98.9		
1185	1964	11	11	18 48 56.6	13.40	75.00	99.0	5.0	
1337	1965	09	08	04 10 34.8	11.10	73.80	99.0	4.3	
1450	1966	03	22	18 59 0.7	19.70	69.50	99.0	3.7	
1495	1966	06	04	18 07 1.3	19.80	69.00	99.0	4.8	
1861	1967	01	12	05 44 0.3	18.35	70.42	99.0	4.8	
1739	1967	06	14	03 14 17.5	14.90	73.40	99.0	5.6	
1831	1967	11	04	16 26 48.2	2.80	77.70	99.0	6.0	
1858	1967	12	21	07 50 34.8	16.40	72.60	99.0	5.0	
2156	1969	04	10	09 30 59.9	10.11	74.93	99.0	4.2	
2620	1971	06	10	06 47 34.6	10.90	76.23	99.0	5.7	
2693	1971	12	08	03 38 39.7	19.41	68.41	99.0	4.2	
2736	1972	04	03	01 29 48.9	11.57	76.49	99.0	5.1	



## IV-72

33 km &lt; h ≤ 100 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2816	1972	07	04	08	24	4.6	19.77	68.86	99.0	3.5	
3056	1973	07	09	05	30	6.3	15.73	73.67	99.0	4.6	
3330	1974	09	19	08	23	13.1	1.95	77.05	99.0	4.2	
3384	1974	10	11	04	36	22.8	14.52	74.28	99.0	5.3	
3603	1975	12	12	08	56	13.2	19.80	69.13	99.0	4.3	
4478	1981	03	19	10	37	41.5	13.48	74.48	99.0		
5031	1982	12	25	00	02	27.8	15.39	73.65	99.1	4.9	
5268	1984	11	23	18	40	11.8	8.16	76.13	99.1	5.9	
5125	1983	08	04	07	44	25.4	4.02	76.58	99.4	4.9	
3705	1976	08	16	18	05	9.6	4.46	80.47	99.7	4.8	
2883	1972	09	29	02	34	38.7	14.74	74.53	99.9		
80	1930	11	24	06	06	48.0	2.00	77.00	100.0		6.3 PAS
86	1932	01	20	02	30	50.0	12.00	77.50	100.0		6.8 PAS
98	1933	08	06	02	54	52.0	11.00	75.50	100.0		6.5 PAS
104	1933	09	14	07	59	24.0	19.00	70.50	100.0		5.3 PAS
121	1935	03	08	11	59	14.0	4.00	80.00	100.0		6.0 PAS
134	1936	12	05	00	37	58.0	20.00	70.50	100.0		6.0 PAS
155	1938	01	16	21	41	47.0	6.00	75.00	100.0		6.0 PAS
169	1939	05	19	18	25	35.0	18.00	69.00	100.0		6.3 PAS
179	1939	12	13	18	45	24.0	17.00	74.00	100.0		5.5 PAS
182	1940	01	07	21	34	48.0	6.50	78.00	100.0		
209	1941	09	18	13	14	9.0	13.75	72.25	100.0		7.0 PAS
210	1941	10	15	00	07	6.0	16.00	73.50	100.0		
259	1943	01	30	05	33	3.0	2.00	80.50	100.0		6.9 PAS
268	1943	06	30	20	12	54.0	16.30	73.00	100.0		
273	1943	11	16	11	38	0.0	16.00	74.00	100.0		
285	1944	08	30	04	00	48.0	14.50	78.00	100.0		
297	1945	08	06	23	02	10.0	6.00	76.50	100.0		
309	1945	12	14	17	26	46.0	2.50	76.50	100.0		
334	1949	08	05	07	49	29.0	6.50	77.00	100.0		
337	1949	08	08	19	07	24.0	16.00	76.00	100.0		
376	1950	12	27	04	34	7.0	20.00	70.00	100.0		
452	1954	03	10	14	09	7.0	2.00	78.00	100.0		
456	1954	03	28	19	20	58.0	7.50	73.50	100.0		
457	1954	03	29	13	58	30.0	2.50	78.50	100.0		
459	1954	04	21	20	23	5.0	13.00	77.00	100.0		
465	1954	06	15	13	29	59.0	5.00	77.00	100.0		6.6 PAS
470	1954	08	01	06	00	48.0	20.00	69.50	100.0		
471	1954	08	07	09	37	24.0	18.50	69.00	100.0		
476	1954	10	21	20	03	0.0	10.00	75.00	100.0		
488	1955	02	11	12	06	3.0	19.25	68.50	100.0		
492	1955	04	09	15	21	41.0	10.00	75.00	100.0		
498	1955	05	22	23	45	17.0	11.00	74.00	100.0		

## EARTHQUAKE CATALOG OF PERU

IV-73

33km &lt; h ≤ 100km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
502	1955	07	21	11	45	40.0	15.00	74.00	100.0		6.8 PAS
503	1955	08	10	07	45	49.0	4.00	80.00	100.0		
524	1956	03	22	06	33	55.0	3.50	79.00	100.0		6.5 PAS
526	1956	05	15	08	13	2.0	13.50	77.00	100.0		
529	1956	05	29	17	48	28.0	14.50	72.50	100.0		
532	1956	07	22	09	25	8.0	19.00	69.00	100.0		6.1 PAS
537	1956	09	15	07	39	4.0	20.00	69.00	100.0		6.8 PAS
540	1956	10	19	01	28	53.0	11.50	76.00	100.0		
543	1956	11	25	14	15	10.0	17.00	71.50	100.0		
545	1957	01	03	02	42	0.0	20.00	69.00	100.0		
547	1957	01	15	04	09	15.0	2.00	76.50	100.0		
549	1957	02	15	07	33	10.0	14.00	71.00	100.0		
550	1957	02	18	23	49	52.0	11.50	78.00	100.0		6.6 PAS
551	1957	02	20	05	17	18.0	16.00	72.00	100.0		
562	1957	09	06	00	17	55.0	20.00	68.00	100.0		
596	1958	07	18	01	47	21.0	4.00	78.00	100.0		
609	1958	12	19	11	14	40.0	16.00	72.00	100.0		
643	1959	07	03	03	51	6.0	14.50	74.00	100.0		
676	1960	04	01	13	18	23.0	14.50	73.50	100.0		
679	1960	05	04	01	28	52.0	18.00	71.50	100.0		
703	1960	10	21	04	18	44.4	7.20	73.80	100.0		
784	1961	08	28	21	27	16.9	14.10	73.90	100.0		
798	1961	10	02	21	28	11.5	19.50	69.50	100.0		
820	1962	01	08	10	44	22.3	4.10	77.40	100.0		
823	1962	01	29	06	07	22.0	9.30	79.10	100.0		
858	1962	07	25	06	05	15.9	14.30	75.50	100.0		
960	1963	08	01	18	30	26.3	15.00	71.80	100.0	4.1	
1061	1964	02	14	14	57	40.8	16.10	73.20	100.0	3.8	
1090	1964	03	26	05	25	2.8	5.10	76.60	100.0	4.8	
1179	1964	10	21	08	34	5.5	6.50	80.70	100.0	3.9	
1511	1966	06	18	05	43	16.3	15.10	75.60	100.0	4.0	
1546	1966	08	24	07	17	17.6	19.90	69.10	100.0	5.5	4.9 BRK
1772	1967	07	24	11	19	32.6	17.16	72.12	100.0	4.2 ISC	
1813	1967	10	05	09	41	31.4	14.50	75.40	100.0	5.6	
2176	1969	05	25	21	19	17.7	3.40	78.24	100.0	3.9	
2400	1970	06	07	20	49	44.3	10.14	78.40	100.0	4.3	
4328	1980	05	25	19	06	39.0	14.37	73.90	100.0		
4934	1982	08	29	04	10	48.9	11.97	75.70	100.0A		

## IV-74

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4876	1982	07	01	00	32	59.7	4.55	80.33	100.1	4.5	
2825	1972	07	16	06	09	24.4	16.39	72.85	100.9		
1161	1964	09	04	09	36	58.7	18.30	69.00	101.0	5.4	
1475	1988	05	07	06	48	40.7	5.20	76.20	101.0	4.3	
1637	1966	11	20	01	52	45.7	12.20	76.50	101.0	4.2	
1660	1967	01	04	19	53	42.3	14.51	70.71	101.0	4.0	
1703	1967	04	07	06	29	57.9	16.12	72.90	101.0	4.3	
2076	1968	11	04	18	12	40.2	16.19	73.02	101.0	4.2	
3312	1974	08	15	23	46	49.5	15.63	74.52	101.0	4.8	
4690	1981	10	24	22	12	8.8	11.88	75.48	101.2		
2682	1971	11	04	06	57	33.9	16.50	71.97	101.4	4.8	
899	1963	01	16	20	20	51.4	3.90	76.80	102.0		
1067	1964	02	20	07	22	24.7	9.50	74.60	102.0	4.5	
1184	1964	11	04	02	11	24.9	19.70	69.20	102.0	5.2	
1287	1965	06	18	03	37	54.9	5.00	80.70	102.0	4.2	
1304	1965	07	13	17	58	2.3	13.20	75.10	102.0	4.0	
1416	1968	01	17	06	57	4.4	11.60	75.90	102.0	4.3	
1670	1967	02	05	16	45	47.5	12.85	74.00	102.0	4.3	
1999	1968	06	27	11	47	45.0	7.54	74.25	102.0	4.5	
2036	1968	08	24	06	40	49.4	5.74	76.93	102.0	4.4	
2166	1969	05	05	09	11	0.6	14.99	72.80	102.0	4.3	
2266	1969	10	14	02	00	4.3	14.29	75.29	102.0	4.5	
3147	1973	11	11	06	40	32.0	15.33	74.02	102.0	4.5	
4432	1980	12	17	09	44	13.0	14.84	72.45	102.0	4.8	
4575	1981	06	21	23	58	59.9	4.86	76.91	102.0D	5.1	
2886	1972	09	30	17	26	37.8	14.38	73.19	102.1		
4559	1981	05	26	04	45	51.7	4.91	76.43	102.3	4.6	
5092	1983	05	06	11	50	16.7	18.67	69.80	102.3	4.9	
4453	1981	02	01	08	09	36.6	19.77	69.51	102.6		
4869	1982	06	12	12	57	26.0	15.44	73.40	102.7	4.5	
3242	1974	04	19	04	03	38.9	3.74	77.77	102.9		
5181	1984	01	13	02	29	1.0	3.86	78.49	102.9	5.8	
1093	1964	04	08	16	01	11.1	15.60	72.70	103.0	4.0	
1120	1964	05	28	12	49	57.5	13.40	74.90	103.0	5.2	
1162	1964	09	05	15	05	10.9	19.20	69.30	103.0	4.6	
1355	1965	10	05	03	41	28.4	16.50	72.50	103.0		
1924	1968	05	27	04	15	37.0	8.10	76.90	103.0	4.2	ISC
2099	1968	12	12	23	41	36.5	14.96	73.57	103.0	5.0	
2641	1971	08	13	05	51	53.9	13.43	75.15	103.0	4.1	
3626	1976	02	27	03	36	13.6	19.48	69.07	103.0D	5.5	
3629	1976	02	29	18	01	20.8	13.34	74.93	103.0	5.2	
4005	1978	05	08	07	32	29.0	3.30	77.25	103.0	5.1	
4023	1978	06	18	11	07	45.1	3.15	81.50	103.0	4.5	

3.5 ISC

## EARTHQUAKE CATALOG OF PERU

## IV-75

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4095	1979	01	08	04	20	25.9	14.85	71.63	103.0	4.6	
4148	1979	05	01	20	36	10.8	19.42	69.13	103.0D	5.2	
4692	1981	10	28	23	34	13.4	14.09	75.47	103.2	4.3	
3432	1974	11	26	13	55	1.6	0.71	79.18	103.3	4.2	GS
4150	1979	05	07	03	09	33.5	19.45	69.25	103.3		
1109	1984	05	09	20	06	37.7	5.80	81.30	104.0	4.4	
1349	1985	09	24	09	40	44.5	9.69	79.10	104.0	4.3	ISC
1433	1968	02	14	16	34	43.9	13.20	75.40	104.0	4.6	
1515	1968	06	21	12	51	23.0	4.30	77.00	104.0	4.5	
1897	1968	03	22	03	24	4.8	13.20	74.70	104.0	4.4	
2043	1968	09	02	23	01	53.4	5.95	77.41	104.0	4.3	
2305	1970	01	14	23	49	6.3	16.41	71.73	104.0	3.9	
2640	1971	08	12	14	14	32.5	8.45	78.50	104.0	4.9	
3026	1973	05	23	05	14	48.4	15.10	74.47	104.0	4.0	
3028	1973	05	28	03	23	18.0	13.98	75.27	104.0	3.8	
3263	1974	05	29	23	51	44.3	9.21	75.09	104.0	4.6	
3878	1977	06	27	01	20	37.9	19.04	69.55	104.0A		
3937	1977	11	12	13	50	29.2	19.99	68.94	104.0		
4203	1979	08	10	08	19	15.2	11.53	74.53	104.0	4.8	
4204	1979	08	12	01	35	24.3	15.20	76.32	104.0A		
4383	1980	09	21	22	38	57.4	12.94	75.30	104.0	3.9	
5076	1983	04	12	12	07	54.5	4.84	78.10	104.2	6.5	
										6.7	BRK
										6.6	PAS
5168	1983	12	10	12	46	3.8	13.47	76.09	104.2	4.5	
2738	1972	04	04	07	00	4.9	6.95	76.58	104.3A		
5078	1983	04	13	09	08	44.3	19.98	69.04	104.5	4.1	
3081	1973	08	03	07	32	20.8	13.74	71.87	104.7		
909	1963	02	27	11	00	42.8	15.10	73.60	105.0	5.2	
999	1963	11	02	16	07	13.1	12.50	74.70	105.0	4.3	
1363	1965	10	17	14	09	5.1	15.90	73.20	105.0	4.4	
1559	1966	09	07	10	20	46.1	9.30	74.60	105.0	4.5	
1662	1967	01	20	00	59	41.9	15.23	73.52	105.0	4.7	
1932	1968	06	17	03	08	22.0	2.90	79.20	105.0	4.1	ISC
2138	1969	03	05	01	49	53.4	18.66	70.99	105.0	3.8	
2161	1969	04	20	04	30	48.9	14.34	72.07	105.0G	4.4	
2269	1969	10	20	08	47	38.0	13.70	72.50	105.0	3.9	
2307	1970	01	20	10	03	37.1	15.57	73.31	105.0	4.0	
2686	1971	11	12	06	28	2.5	17.75	70.42	105.0	3.8	
3127	1973	10	22	06	15	23.0	17.99	69.80	105.0	4.7	
3585	1975	10	29	03	56	40.4	19.62	68.95	105.0	4.5	
3652	1976	05	06	13	00	48.3	14.58	72.11	105.0	4.7	
3753	1976	11	17	18	37	46.4	19.67	69.15	105.0D	4.9	

## IV-76

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3867	1977	08	08	17	47	7.8	18.87	69.80	105.0	4.9	
3928	1977	10	21	09	22	46.5	19.46	69.41	105.0		
3977	1978	03	17	19	18	23.5	10.67	73.88	105.0	4.6	
4098	1979	01	19	04	56	32.0	13.57	74.85	105.0	4.9	
4642	1981	08	26	09	56	28.6	13.93	72.57	105.0D	4.4	
4445	1981	01	10	10	58	7.5	13.79	75.04	105.1		
5050	1983	02	18	08	55	46.9	3.11	79.05	105.1	5.1	
4989	1982	11	07	23	59	29.7	16.16	72.97	105.3		
5135	1983	09	01	20	01	47.1	17.33	69.93	105.3D	6.0	
5147	1983	10	17	12	53	59.9	3.76	77.59	105.3	4.8	
4626	1981	08	06	01	59	21.6	14.45	74.54	105.5		
2875	1972	09	23	23	35	34.7	10.36	75.55	105.8		
747	1961	04	19	11	03	55.4	19.60	69.70	106.0		
1633	1966	11	15	17	32	33.7	15.20	72.70	106.0		
1891	1968	03	08	08	23	0.0	4.20	77.90	106.0	4.2	
2042	1968	08	29	04	02	9.2	11.05	76.56	106.0	4.3	
2327	1970	03	03	09	15	6.8	14.72	72.53	106.0D	5.0	
2435	1970	07	24	23	10	6.4	16.08	72.33	106.0	4.5	
3055	1973	07	07	18	38	45.3	19.40	69.61	106.0	4.1	
3130	1973	10	25	14	49	51.7	13.48	72.36	106.0D	5.0	
3623	1976	02	09	09	39	8.7	14.90	73.71	106.0	4.6	
3880	1977	06	30	02	46	3.8	19.40	69.53	106.0	5.4	
5149	1983	10	21	17	48	27.5	16.59	72.08	106.0		
5228	1984	06	08	10	05	21.9	5.07	80.11	106.0	4.9	
4919	1982	08	15	06	11	16.0	10.06	76.35	106.1	5.5	
3853	1977	05	21	20	11	14.9	3.77	77.85	106.8	4.3	
4771	1982	01	26	06	46	44.6	19.81	69.71	106.9	4.6	
1191	1964	11	21	17	24	24.1	4.80	76.60	107.0	4.4	
1333	1965	08	23	00	08	11.8	13.10	75.20	107.0	4.2	
1439	1966	02	24	05	35	38.3	18.80	69.30	107.0	4.4	
1586	1966	10	17	11	11	55.7	13.50	74.60	107.0	4.8	
1671	1967	02	08	12	18	0.5	18.32	70.04	107.0	4.2	
2070	1968	10	24	01	29	42.6	19.61	68.93	107.0D	5.3	
2477	1970	11	15	19	36	43.3	2.71	78.74	107.0	4.6	
2545	1970	12	27	13	03	31.2	16.05	72.95	107.0	4.4	
2604	1971	05	17	03	34	41.8	19.17	69.50	107.0	5.1	
3454	1974	12	31	15	29	14.2	14.73	73.07	107.0	3.8	
4315	1980	04	20	11	26	22.9	2.52	78.50	107.0D	5.1	
4545	1981	05	11	02	43	21.6	19.08	69.76	107.0	5.0	
5259	1984	09	03	17	15	41.9	14.82	72.34	107.4	5.1	
4562	1981	06	05	07	09	5.2	11.33	73.71	107.5	5.3	
5085	1983	04	21	19	40	55.0	9.17	75.36	107.6	4.5	
5261	1984	09	20	09	53	46.0	15.06	73.50	107.6	5.2	

3.5 ISC

## EARTHQUAKE CATALOG OF PERU

IV-77

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3533	1975	08	20	21	23	27.9	19.23	69.72	107.9A		
1126	1964	06	06	00	32	52.1	14.93	72.10	108.0	4.1 ISC	
1206	1964	12	19	11	18	5.2	16.46	72.87	108.0	4.2 ISC	
1253	1965	03	28	05	30	25.4	15.00	72.30	108.0	4.6	
1272	1965	05	09	19	58	59.2	2.90	77.40	108.0	4.8	
2281	1969	11	29	03	14	4.1	19.24	69.42	108.0D	4.3	
2570	1971	01	26	05	37	56.5	15.00	72.64	108.0D	5.1	
2576	1971	02	10	08	13	18.8	4.84	78.54	108.0	4.4	
3476	1975	02	21	20	19	42.8	14.71	74.05	108.0D	4.9	
3681	1976	06	15	07	13	23.0	15.89	76.17	108.0A		
3978	1978	03	20	07	36	28.1	19.57	69.70	108.0		
4165	1979	06	01	20	40	53.7	7.49	75.16	108.0	4.9	
4756	1981	12	24	14	44	7.5	14.28	74.32	108.1		
5008	1982	11	26	23	56	43.7	0.18	77.86	108.1	4.5	
4767	1982	01	14	08	08	7.5	19.85	69.28	108.2	4.6	
4980	1982	10	23	08	32	13.2	12.36	75.39	108.2		
2937	1972	12	24	06	40	29.5	19.79	69.58	108.9		
3835	1977	05	08	19	29	56.2	1.48	81.18	108.9		
1029	1963	12	13	04	16	13.5	2.70	78.40	109.0	4.5	
1278	1965	05	25	16	22	52.0	19.30	69.60	109.0	4.8	
3011	1973	04	28	12	21	11.7	1.44	79.88	109.0	5.5	
3038	1973	06	09	13	24	9.2	4.67	77.22	109.0D	4.6	
3620	1976	01	29	12	04	14.8	19.10	69.07	109.0	4.5	
4763	1982	01	04	15	33	8.2	19.14	69.62	109.0	5.2	
2779	1972	05	23	23	01	49.9	10.71	78.27	109.2		
4907	1982	08	08	03	43	48.0	16.51	72.45	109.2		
5239	1984	07	17	10	34	36.0	19.26	69.37	109.5		
3698	1976	07	23	15	42	38.1	16.55	72.21	109.6	5.1	
5204	1984	04	15	21	26	32.3	3.88	77.79	109.6D	5.5	
3422	1974	11	16	15	09	57.0	15.45	73.46	109.7		
5216	1984	05	08	16	15	56.0	11.03	76.65	109.7	4.7	
91	1932	07	29	00	45	18.0	19.00	70.00	110.0		6.0 PAS
119	1934	10	29	23	25	23.0	5.00	78.00	110.0		6.3 PAS
174	1939	10	07	23	51	18.0	18.50	70.00	110.0		6.0 PAS
192	1940	08	26	02	27	59.0	11.50	75.00	110.0		6.0 PAS
211	1941	10	15	09	35	15.0	15.50	74.00	110.0		6.0 PAS
213	1942	01	08	15	12	31.0	6.00	78.50	110.0		6.0 PAS
327	1949	04	25	13	54	59.0	19.75	69.00	110.0		7.3 PAS
355	1950	06	07	16	52	34.0	4.00	76.50	110.0		6.8 PAS
691	1960	08	16	02	47	17.7	16.60	71.40	110.0		
804	1961	10	25	08	54	34.6	9.60	78.40	110.0		
861	1962	07	28	02	32	26.0	4.10	79.70	110.0		
903	1963	01	28	02	12	13.3	11.20	76.90	110.0		

## IV-78

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
958	1963	07	28	09	37	18.2	19.20	71.90	110.0	4.3	
2087	1968	11	29	09	31	5.1	5.70	76.92	110.0	4.1	
2157	1969	04	10	21	32	22.2	4.89	78.08	110.0		
3075	1973	07	28	22	18	14.9	16.06	71.31	110.0	5.7	
3200	1974	02	08	05	27	4.1	18.31	69.91	110.0	3.8	
3267	1974	06	04	11	19	32.4	1.57	80.34	110.0	4.6	
3401	1974	10	26	18	53	23.6	14.94	73.31	110.0D	5.3	
4022	1978	06	18	05	31	54.0	11.01	73.91	110.0	4.8	
4244	1979	12	04	12	47	58.4	2.67	76.69	110.0	4.7	
4254	1979	12	27	07	50	8.6	14.68	74.56	110.0	5.0	
4522	1981	04	25	14	35	47.7	3.55	76.68	110.0D	4.9	
5101	1983	05	23	00	54	11.9	19.07	69.14	110.0D	5.5	
4761	1982	01	02	06	45	34.3	18.52	70.10	110.4	4.2	
5233	1984	06	21	17	22	32.7	19.28	70.40	110.5		
4836	1982	04	19	04	38	43.8	14.96	73.69	110.7	4.5	
5042	1983	01	19	17	43	52.2	11.36	74.84	110.7		
1288	1965	06	18	22	45	16.7	11.10	73.60	111.0	5.5	5.1 BRK
1402	1965	12	27	11	55	11.2	19.70	69.40	111.0	4.7	
1446	1966	03	11	01	48	35.1	19.60	69.30	111.0	5.4	4.9 BRK
1556	1966	09	04	00	31	15.2	19.70	69.30	111.0	4.2	
1748	1967	06	24	07	16	40.6	2.40	80.00	111.0	4.1	
1921	1968	05	21	14	44	58.3	15.86	72.97	111.0	4.1	
2055	1968	09	15	10	14	10.0	19.78	69.54	111.0	4.2	
2134	1969	02	27	05	09	30.5	13.95	74.34	111.0	5.2	
2484	1970	12	06	03	01	47.5	19.10	69.39	111.0D	5.3	
2587	1971	04	04	06	02	46.5	3.26	77.83	111.0	4.3	
2869	1972	09	06	22	49	3.2	16.85	71.12	111.0	5.0	
3030	1973	05	30	04	38	1.8	2.26	78.52	111.0D	5.7	
3255	1974	05	17	15	22	7.4	11.17	75.08	111.0D	6.0	
3264	1974	06	01	14	05	40.6	17.56	71.73	111.0	3.9	
3443	1974	12	13	11	53	33.6	3.84	79.67	111.0	4.5	
4457	1981	02	03	08	38	40.1	11.05	75.37	111.0	4.8	
5164	1983	11	27	17	48	3.7	4.89	76.16	111.0D	4.8	
4758	1981	12	25	18	54	23.4	3.51	78.11	111.2	4.7	
2887	1972	10	03	04	48	33.8	19.62	69.63	111.5A		
4737	1981	12	08	16	15	26.0	8.72	73.60	111.5	4.9	
4051	1978	09	10	08	08	45.5	2.67	79.50	111.6	3.8	
5141	1983	09	21	10	27	56.8	18.98	69.12	111.6D	5.3	
4866	1982	06	07	09	47	48.3	16.56	72.81	111.7	4.2	
2760	1972	04	28	02	16	13.1	13.31	74.04	111.9		
700	1960	09	28	00	05	28.9	16.60	73.90	112.0		
1002	1963	11	03	07	38	10.7	15.60	73.30	112.0	4.8	
1075	1964	03	07	04	51	4.6	18.60	70.40	112.0	4.5	

## EARTHQUAKE CATALOG OF PERU

## IV-79

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1144	1964	07	05	01	06	28.4	1.20	78.30	112.0	4.0	6.0 BRK 5.3 BRK
1306	1965	07	13	22	49	46.1	2.90	78.80	112.0	4.6	
1365	1965	10	19	02	02	54.5	8.50	74.40	112.0	4.2	
1405	1965	12	30	06	16	4.1	16.60	71.10	112.0	5.7	
1445	1966	03	08	20	46	11.4	20.00	68.90	112.0	5.7	
1672	1967	02	08	13	42	16.6	19.17	69.62	112.0	4.1	6.5 PAS
1931	1968	06	12	17	33	8.0	6.41	76.54	112.0	4.2	
2091	1968	12	01	04	08	21.4	3.42	79.43	112.0	4.3	
2093	1968	12	04	11	33	22.0	7.34	74.45	112.0	4.2	
2144	1969	03	15	13	06	28.8	13.52	74.43	112.0	4.7	
2468	1970	10	30	03	58	48.0	15.02	72.36	112.0	3.6	
3250	1974	05	12	10	05	55.4	19.56	69.05	112.0D	5.8	
3466	1975	01	23	11	04	15.6	15.37	72.85	112.0D	5.4	
3897	1977	08	13	20	25	22.2	15.25	72.49	112.0		
4325	1980	05	23	03	40	38.6	19.18	69.44	112.0	4.6	
4394	1980	10	21	12	55	28.7	2.04	79.54	112.0	4.8	
5143	1983	09	24	06	05	10.1	14.13	72.72	112.3	4.6	
5274	1984	12	16	02	28	56.4	19.19	69.84	112.8		
5277	1984	12	29	09	41	57.3	15.63	73.32	112.8		
775	1961	08	05	09	27	45.5	18.90	68.20	113.0		
1036	1963	12	29	17	15	39.2	18.50	69.70	113.0	5.5	
1572	1966	09	29	17	13	22.2	18.50	69.80	113.0	4.1	
1920	1968	05	16	08	25	9.2	3.75	76.60	113.0	5.4	
2039	1968	08	26	20	41	6.3	15.04	72.12	113.0		
2113	1969	01	12	14	12	53.0	14.14	72.75	113.0	5.2	
2125	1969	02	05	01	50	36.9	15.82	72.97	113.0	4.4	
2267	1969	10	17	08	09	55.5	14.71	71.20	113.0	5.2	
2302	1970	01	05	06	58	57.6	17.28	70.99	113.0	4.9	
3244	1974	04	27	06	01	47.3	14.96	72.21	113.0	5.8	
3326	1974	09	11	01	21	42.2	19.02	69.58	113.0	5.2	
3374	1974	10	08	02	14	47.9	14.62	71.52	113.0	4.4	6.5 PAS
3543	1975	07	17	08	39	52.7	3.79	76.64	113.0D	5.0	
3592	1975	11	07	03	16	31.5	3.92	76.99	113.0	4.9	
4189	1979	07	03	02	21	25.5	19.18	69.08	113.0D	4.8	
4410	1980	11	12	11	54	33.9	18.95	69.25	113.0D	5.1	
5195	1984	02	26	08	18	19.8	17.32	70.53	113.1D	5.8	
3560	1975	08	22	10	16	50.6	18.56	69.77	113.4		
5035	1982	12	30	13	05	47.6	19.79	69.48	113.6	4.7	
4827	1982	04	15	04	25	46.8	15.14	74.25	113.7		
2822	1972	07	10	07	12	9.4	15.23	74.29	113.8		
4878	1982	07	06	05	15	22.1	19.36	69.52	113.9		
705	1960	11	11	06	53	27.0	16.10	71.90	114.0		
1426	1966	02	05	07	36	56.2	14.90	71.50	114.0	3.7	



## IV-80

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1534	1966	08	01	09	50	38.5	17.80	70.60	114.0	4.7	
1879	1968	02	04	11	27	24.8	19.60	68.20	114.0	5.3	
1925	1968	05	27	07	24	24.1	16.73	72.00	114.0	4.0	ISC
1998	1968	06	27	10	27	4.0	5.96	77.80	114.0	4.3	ISC
2053	1968	09	12	15	59	10.2	16.79	70.97	114.0	4.0	
3525	1975	06	06	14	21	6.8	3.97	76.91	114.0	5.3	
3709	1976	08	21	03	26	54.7	19.62	69.28	114.0	4.6	GS
3968	1978	02	05	01	52	19.6	17.72	69.49	114.0	5.3	4.2 ISC
4329	1980	05	26	18	41	42.9	19.36	69.24	114.0D	6.1	6.1 ISC
4718	1981	11	22	23	15	8.7	12.00	74.68	114.0	4.9	
4972	1982	10	17	08	35	25.3	15.67	73.04	114.0D	5.2	
5184	1984	01	16	08	52	24.7	15.85	72.98	114.0		
3189	1974	02	01	06	55	30.8	14.54	72.36	114.1		
4027	1978	06	30	09	00	51.7	15.24	72.53	114.4		
5163	1983	11	25	22	56	25.9	3.77	76.31	114.7D	5.5	
699	1960	09	26	16	58	13.9	16.00	72.90	115.0		
701	1960	09	29	06	27	56.3	17.40	68.50	115.0		
741	1961	04	02	11	14	28.1	8.60	75.00	115.0		
930	1963	05	12	11	00	50.1	2.70	77.00	115.0	4.0	
1082	1964	03	19	22	29	3.2	15.30	72.90	115.0	4.7	
1217	1965	01	07	14	17	33.7	14.70	69.30	115.0	4.3	
1228	1965	01	25	22	36	53.8	11.40	75.20	115.0	4.2	
1406	1965	12	30	16	42	44.5	19.10	69.50	115.0	4.6	
1438	1966	02	23	18	10	21.9	15.40	72.70	115.0	4.9	
1542	1966	08	20	07	43	27.8	3.20	77.30	115.0	5.5	
1554	1966	08	31	09	56	49.7	14.60	75.30	115.0	4.4	
1623	1966	11	07	20	31	30.2	7.70	75.90	115.0	5.0	
1652	1966	12	19	02	10	31.6	16.00	71.90	115.0	4.9	
1686	1967	03	09	20	12	33.9	19.13	69.60	115.0	4.4	
2190	1969	06	18	13	53	51.1	2.58	78.12	115.0	4.3	
2348	1970	05	07	15	54	26.3	20.00	68.70	115.0	4.8	ISC
2464	1970	10	12	04	06	4.0	19.30	69.60	115.0	4.3	ISC
2639	1971	08	10	22	44	9.7	7.91	75.10	115.0	4.4	
2717	1972	02	21	21	27	45.0	17.34	70.65	115.0	4.3	
2981	1973	03	17	12	44	32.3	19.64	68.84	115.0D	4.6	
3245	1974	05	01	10	46	52.7	3.53	76.47	115.0	4.5	
4385	1980	09	26	09	02	26.4	19.65	69.43	115.0	4.5	
4451	1981	01	26	04	13	48.7	13.57	75.54	115.0		
5010	1982	11	29	15	39	6.7	18.32	69.56	115.0D	5.3	
5044	1983	01	31	12	27	19.8	8.42	74.22	115.3	4.8	
3040	1973	06	10	16	34	36.2	19.38	69.45	115.6		
2800	1972	06	13	19	50	9.8	19.13	69.63	115.8		
5222	1984	05	25	02	57	53.2	3.73	77.12	115.9	4.5	

## EARTHQUAKE CATALOG OF PERU

IV-81

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1052	1964	01	26	09	09	33.9	16.30	71.70	116.0	6.1	
1102	1964	04	28	19	33	33.5	16.60	70.00	116.0	4.2	
1119	1964	05	27	08	16	8.7	16.90	70.20	116.0	3.8	
1524	1966	07	17	20	57	47.2	16.20	71.90	116.0		
1638	1966	11	20	06	09	33.0	15.40	69.50	116.0	4.1	
1779	1967	08	03	12	40	21.1	13.50	74.80	116.0	5.2	
1822	1967	10	20	04	39	12.0	5.10	75.20	116.0	4.0	ISC
1837	1967	11	14	10	18	41.2	19.20	69.60	116.0	4.1	
1869	1968	01	08	18	44	24.5	18.60	69.90	116.0	5.4	
2017	1968	07	23	07	14	48.3	5.86	77.02	116.0	4.0	
2353	1970	05	27	06	20	16.6	15.89	73.14	116.0	4.3	
2669	1971	10	06	07	52	18.7	14.88	71.67	116.0	4.8	
2674	1971	10	21	01	57	37.9	15.27	73.12	116.0	4.7	
3456	1975	01	10	04	53	30.3	19.48	69.46	116.0D	4.5	
4185	1979	06	17	19	33	32.7	19.20	68.89	116.0D	5.3	5.7 BRK
4224	1979	10	05	16	43	16.2	3.55	76.27	116.0D	5.5	4.2 ISC
4354	1980	07	17	07	48	40.3	19.36	69.13	116.0D	4.7	
4617	1981	07	25	21	30	4.7	11.24	74.96	116.1	4.1	
3123	1973	10	19	09	09	24.1	15.25	72.45	116.5		
3781	1977	02	07	05	18	32.3	19.71	68.88	116.5	4.8	GS
5232	1984	06	18	11	20	17.9	15.70	72.49	116.8D	5.8	
768	1961	07	10	03	49	56.4	19.30	68.40	117.0		
808	1961	11	11	21	46	59.5	8.10	75.00	117.0		
1173	1964	10	06	18	19	7.5	13.40	75.80	117.0	4.2	
1210	1964	12	25	08	48	37.7	18.80	69.00	117.0	5.1	
1267	1965	05	02	05	47	43.9	19.80	69.50	117.0	5.5	
1294	1965	06	27	17	09	3.4	2.60	77.00	117.0	5.1	
1545	1966	08	23	01	37	14.7	10.80	78.10	117.0	4.4	
1721	1967	05	15	17	08	57.2	10.27	74.62	117.0	5.0	
2432	1970	07	16	23	57	1.4	10.95	76.42	117.0	4.9	
2697	1971	12	22	00	38	53.0	4.00	76.24	117.0D	5.2	
3816	1977	04	05	07	34	52.8	16.54	71.02	117.0	4.7	
4251	1979	12	19	06	40	23.4	14.50	71.51	117.0	5.2	
4468	1981	03	04	11	22	37.5	13.86	73.07	117.0A		
4721	1981	11	24	07	52	55.9	11.35	74.94	117.0		
1165	1964	09	17	07	41	13.9	15.60	72.90	118.0	5.0	
1190	1964	11	21	11	57	0.3	19.90	70.40	118.0	4.4	
1231	1965	01	26	16	54	34.3	13.10	76.10	118.0	4.2	
1261	1965	04	22	22	14	4.1	6.02	78.68	118.0	4.6	ISC
1668	1967	02	04	05	42	49.6	19.82	69.25	118.0	4.3	
1737	1967	06	10	16	55	5.1	18.80	69.60	118.0	4.1	
1778	1967	08	01	16	49	57.6	8.50	75.00	118.0	4.4	
1852	1967	12	11	14	16	7.1	5.50	77.70	118.0	4.7	

## IV-82

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2049	1968	09	09	08	22	13.5	19.48	69.76	118.0	4.3	
2412	1970	06	23	20	06	57.5	19.40	69.08	118.0D	5.3	
2478	1970	11	16	03	04	56.8	19.65	69.52	118.0	4.2	ISC
2781	1972	05	25	18	25	37.0	15.54	73.61	118.0		
2941	1972	12	28	13	31	30.7	3.81	77.96	118.0	5.0	
3444	1974	12	13	13	23	37.0	18.98	69.51	118.0	5.3	
3996	1978	04	22	18	48	52.7	15.94	73.10	118.0		
4226	1979	10	09	16	57	5.3	6.35	76.28	118.0D	5.0	
4333	1980	06	01	16	07	11.7	19.57	70.07	118.0		
5081	1983	04	15	10	08	20.5	5.98	75.66	118.0	5.6	
3604	1975	12	16	22	21	11.2	13.48	72.57	118.1		
5203	1984	04	08	22	35	7.8	15.68	71.90	118.1	5.1	
4955	1982	10	03	13	52	2.8	19.37	69.57	118.2	4.1	
2734	1972	03	31	21	13	45.7	19.77	69.20	118.4	4.5	
2962	1973	03	01	07	11	60.0	17.99	70.37	118.4	3.7	
4802	1982	03	07	18	49	38.3	15.35	73.15	118.7		
696	1960	09	13	21	55	34.1	5.00	74.50	119.0		
834	1962	03	19	14	00	8.9	2.30	77.10	119.0		
837	1962	03	22	20	50	36.9	14.90	70.70	119.0		
1664	1967	01	26	20	02	24.0	18.68	69.60	119.0	4.2	
1993	1968	06	26	16	31	20.0	17.13	70.75	119.0	4.2	
2225	1969	08	13	22	02	6.0	15.18	71.89	119.0	4.3	
2339	1970	04	06	00	56	33.9	13.71	74.50	119.0	4.6	
3448	1974	12	23	08	13	58.8	3.04	75.39	119.0	4.6	
3563	1975	08	25	21	42	10.8	19.24	69.16	119.0D	5.7	
4649	1981	09	04	02	45	21.8	17.54	70.68	119.0		
5201	1984	03	28	13	38	30.6	15.54	72.73	119.1D	4.9	
3461	1975	01	19	18	41	2.8	15.75	72.62	119.7	4.5	GS
5005	1982	11	23	06	56	14.9	11.11	75.37	119.8	4.6	
14	1921	10	20	06	03	24.0	18.50	68.00	120.0		7.0 PAS
84	1931	07	11	05	56	13.0	8.50	74.50	120.0		6.3 PAS
105	1933	10	01	02	40	42.0	7.00	75.25	120.0		6.3 PAS
123	1935	03	26	19	54	47.0	15.50	73.00	120.0		6.0 PAS
135	1937	03	28	12	21	42.0	13.50	75.00	120.0		5.5 PAS
136	1937	03	29	07	49	47.0	15.50	71.00	120.0		6.8 PAS
152	1937	11	07	09	08	43.0	10.00	73.50	120.0		5.5 PAS
191	1940	08	04	16	07	5.0	14.00	74.00	120.0		5.5 PAS
204	1941	01	24	05	44	3.0	3.25	76.75	120.0		6.5 PAS
207	1941	07	10	09	29	42.0	18.50	70.00	120.0		6.0 PAS
300	1945	08	21	16	29	37.0	10.50	75.00	120.0		6.8 PAS
730	1961	02	06	10	30	3.5	19.40	69.20	120.0		
783	1961	08	28	10	40	20.2	17.00	70.70	120.0		
1020	1963	11	22	12	40	10.0	18.80	69.60	120.0	4.6	

## IV-83

100km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1108	1964	05	07	03	19	18.1	18.70	69.70	120.0	3.8	
1380	1965	11	26	00	25	49.2	4.70	77.20	120.0	4.4	
1391	1965	12	07	11	15	6.7	18.90	69.50	120.0	4.6	
1544	1966	08	21	09	39	19.8	4.10	79.10	120.0	4.1	
1626	1966	11	11	20	17	46.7	1.20	79.20	120.0	4.0	
1861	1967	12	26	23	46	24.6	10.70	73.90	120.0	4.4	
1967	1968	06	20	21	48	7.0	19.30	69.35	120.0	3.9	
2048	1968	09	09	00	37	43.2	8.73	74.52	120.0	6.0	
2168	1969	05	17	06	39	33.1	18.98	69.36	120.0G	4.1	
2280	1969	11	16	14	38	4.5	19.05	69.16	120.0G	4.1	
2346	1970	04	28	02	46	14.9	16.44	72.13	120.0	3.8	
2647	1971	09	03	10	32	39.6	19.01	69.08	120.0	3.9	
2879	1972	09	27	00	59	31.1	17.91	69.95	120.0	3.4	
4223	1979	09	26	08	11	42.7	13.90	71.04	120.0		
4241	1979	11	21	02	32	47.9	15.40	75.95	120.0A		
4256	1979	12	30	12	36	47.0	19.21	69.47	120.0D	4.7	
5082	1983	04	15	13	25	36.1	3.71	78.67	120.0G	4.8	
5197	1984	03	06	21	40	4.9	5.31	77.27	120.0	4.8	
4913	1982	08	11	03	41	8.4	15.68	72.37	120.2		
5048	1983	02	14	20	13	28.8	15.61	72.23	120.3		
5020	1982	12	11	18	27	43.5	19.72	69.42	120.4	5.0	
5174	1983	12	23	06	45	31.2	19.40	69.29	120.4	4.8	
4702	1981	11	03	09	19	32.3	19.50	69.26	120.5		
3905	1977	09	08	06	36	20.7	16.93	70.75	120.8	4.7	GS
734	1961	02	24	08	16	11.3	18.20	69.70	121.0		
809	1961	11	14	13	11	14.1	19.50	69.60	121.0		
995	1963	10	27	07	45	26.3	14.70	71.70	121.0	4.2	
1273	1965	05	10	08	35	21.1	17.30	70.90	121.0	4.4	
1757	1967	07	07	10	26	57.7	13.30	77.10	121.0	4.3	
1854	1967	12	16	03	19	13.4	2.90	77.00	121.0	5.0	
1873	1968	01	15	08	18	11.2	2.20	78.60	121.0	4.0	
1930	1968	06	12	13	18	35.0	19.41	69.49	121.0	4.1	
2670	1971	10	14	00	11	10.3	15.61	72.07	121.0	4.4	
2888	1972	10	06	09	36	28.5	15.13	73.33	121.0	4.0	
2897	1972	10	21	08	27	46.6	19.85	69.20	121.0	3.6	
3299	1974	07	21	22	15	59.6	4.72	80.19	121.0	4.7	
4029	1978	07	03	10	00	2.7	11.13	76.09	121.0	4.7	
4200	1979	08	07	00	56	53.8	13.46	72.26	121.0A		
4274	1980	01	22	01	08	5.5	4.44	77.86	121.0	4.4	
4624	1981	07	29	22	43	55.0	2.64	76.36	121.0	4.3	
4665	1981	09	25	01	34	30.7	19.72	69.34	121.0D	4.6	
5083	1983	04	20	02	45	34.0	19.13	69.57	121.0D	4.8	
4799	1982	03	03	20	54	2.4	6.83	76.10	121.9	4.7	

## IV-84

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1223	1985	01	16	16	22	14.3	2.20	79.80	122.0	4.7	
1290	1985	08	22	14	19	50.9	18.40	69.30	122.0	5.0	
1300	1985	07	05	19	13	16.9	15.80	68.00	122.0	4.0	
1358	1985	10	06	02	40	23.2	9.80	74.90	122.0	4.4	
1505	1986	06	08	23	11	19.3	19.70	69.30	122.0	4.1	
1573	1986	09	30	09	29	11.7	18.20	69.60	122.0	5.1	
1843	1987	11	23	22	42	54.9	10.00	75.60	122.0	4.2	
2009	1988	07	08	05	24	42.0	15.88	72.26	122.0		
2202	1989	07	11	13	51	25.7	4.17	76.55	122.0D	4.6	
2319	1970	02	21	20	02	18.9	18.59	69.60	122.0	4.4	
2917	1972	11	29	05	37	46.4	16.54	70.86	122.0	4.6	
2993	1973	04	04	08	45	12.3	19.95	68.99	122.0	4.6	
3531	1975	06	15	17	46	28.9	15.71	72.72	122.0	4.2	
3605	1975	12	19	22	57	17.6	17.58	70.72	122.0	4.9	
4568	1981	06	07	14	39	14.8	18.81	69.57	122.1	4.7	
4902	1982	08	04	20	02	43.1	12.26	76.48	122.5		
3253	1974	05	16	03	38	50.5	19.77	69.20	122.6		
5074	1983	04	10	11	29	52.2	17.34	70.66	122.8	4.5	
937	1963	06	01	14	37	1.7	15.10	72.00	123.0		
1021	1963	11	23	18	08	15.8	16.70	70.60	123.0	3.9	
1497	1966	06	05	04	17	32.3	17.30	70.60	123.0	4.2	
1550	1966	08	27	00	59	35.5	11.50	76.50	123.0	4.3	
1558	1966	09	06	21	04	32.5	4.90	76.80	123.0	4.3	
1658	1967	01	01	09	55	11.3	17.19	70.68	123.0D	4.3	
1826	1967	10	24	15	17	54.0	2.40	79.00	123.0	5.0	
2192	1969	06	22	12	31	1.9	13.93	75.21	123.0	4.4	
2290	1969	12	15	15	08	58.9	18.73	69.63	123.0	3.9	
2413	1970	06	24	01	43	40.1	8.68	74.91	123.0	4.5	
3559	1975	08	16	00	53	53.7	5.38	76.08	123.0D	5.7	
3825	1977	05	01	00	09	6.2	6.11	77.13	123.0D	4.9	
3883	1977	07	19	00	48	32.2	8.91	76.93	123.0	4.7	
4854	1982	05	23	23	47	24.2	17.56	70.37	123.1		
4901	1982	08	03	19	57	25.2	16.59	71.48	123.4	4.3	
3701	1976	07	30	23	16	12.9	15.37	72.40	123.5		
901	1963	01	17	19	30	59.9	8.30	75.10	124.0		
1023	1963	11	29	01	58	45.1	15.10	73.70	124.0	4.7	
1125	1964	06	04	11	46	1.7	9.60	76.10	124.0	5.3	
1681	1967	03	02	02	47	32.4	0.23	78.61	124.0	5.8	
1712	1967	04	29	02	21	17.3	3.99	76.14	124.0	4.4	
1811	1967	09	29	02	48	21.2	19.74	68.99	124.0	4.1	ISC
2169	1969	05	18	08	28	14.0	19.90	69.18	124.0	4.3	
2342	1970	04	15	04	42	59.8	19.11	69.71	124.0	4.1	ISC
4450	1981	01	25	17	22	22.1	10.22	75.49	124.0	5.2	

5.0 BRK

## EARTHQUAKE CATALOG OF PERU

IV-85

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4558	1981	05	24	21	29	6.1	18.72	69.54	124.0	4.7	6.9 PAS
3209	1974	02	24	14	16	10.4	14.67	70.64	124.1		
3919	1977	09	29	01	25	15.1	12.75	76.09	124.2		
5199	1984	03	18	12	10	35.2	15.30	71.68	124.6		
2600	1971	05	12	14	56	3.5	3.33	79.78	124.7		
2603	1971	05	15	06	42	34.7	15.86	72.75	124.8		
838	1962	04	03	01	21	34.8	9.60	74.70	125.0		
922	1963	04	13	02	20	57.9	6.30	76.70	125.0	6.1	
1099	1964	04	21	15	25	55.3	17.50	70.60	125.0	3.9	
1379	1965	11	24	09	30	56.7	9.50	74.80	125.0	4.4	
1436	1966	02	20	10	51	20.2	1.30	80.50	125.0	4.5	ISC
1468	1966	04	27	15	09	10.5	19.80	69.30	125.0	3.9	
1570	1966	09	25	05	57	26.2	19.70	69.50	125.0	5.1	
1632	1966	11	14	21	44	31.7	19.10	69.20	125.0	4.5	
1653	1966	12	21	10	50	3.3	19.70	69.20	125.0	4.2	
1756	1967	07	06	10	25	23.6	17.20	71.50	125.0	3.8	
1803	1967	09	12	10	16	49.2	19.70	69.90	125.0	4.5	
1862	1967	12	27	06	40	23.0	19.70	69.10	125.0	4.4	
1918	1968	05	09	18	32	33.3	18.40	69.36	125.0D	5.0	
2238	1969	09	08	12	43	40.0	6.07	77.54	125.0	4.1	
2310	1970	01	30	05	41	52.3	4.16	76.82	125.0G	4.5	3.5 ISC
2332	1970	03	19	06	36	28.8	19.72	69.19	125.0	3.9	
2405	1970	06	14	09	38	2.1	19.36	69.22	125.0	5.0	
4324	1980	05	18	13	42	30.9	16.20	71.88	125.0	4.5	
4961	1982	10	06	01	45	18.6	14.86	73.07	125.0A		
2841	1972	07	29	08	27	3.0	14.82	73.69	125.2		
4745	1981	12	14	03	50	0.9	17.52	70.33	125.6		
3817	1977	04	06	13	48	40.4	16.13	72.93	125.8		
983	1963	09	23	21	11	28.6	16.10	71.90	126.0	3.8	
1763	1967	07	15	06	10	41.0	19.40	69.30	126.0	3.6	
1859	1967	12	23	02	40	8.3	9.90	74.70	126.0	5.1	3.5 ISC
2088	1968	11	30	09	47	59.8	2.73	76.71	126.0D	4.6	
2174	1969	05	21	20	35	58.4	1.86	79.51	126.0	3.8	
2187	1969	06	13	01	00	42.8	16.97	71.30	126.0	4.0	
2803	1972	06	16	14	33	14.0	18.19	69.51	126.0	4.9	
3321	1974	08	31	22	15	25.6	15.30	72.09	126.0	3.8	
3916	1977	09	26	17	41	41.0	18.81	69.58	126.0		
4126	1979	03	07	06	21	11.1	16.13	72.04	126.0	5.1	
4447	1981	01	21	19	12	57.9	10.50	74.17	126.0D	5.2	
4552	1981	05	22	03	08	14.0	16.24	71.56	126.0	5.0	
4686	1981	10	15	18	45	29.7	14.86	71.59	126.0D	4.9	3.5 ISC
4812	1982	03	22	21	44	9.3	19.88	68.74	126.0D	5.1	
5057	1983	02	27	01	20	26.4	4.01	76.40	126.6	4.2	

## IV-86

100 km &lt; h ≤ 300 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3173	1974	01	08	05 41 21.5	15.48	71.87	128.7	4.4	
1081	1984	03	19	03 28 57.0	18.60	89.90	127.0	3.9	
1203	1984	12	07	20 41 42.0	18.90	89.80	127.0	4.4	
1346	1985	09	20	06 37 42.8	17.30	70.50	127.0	4.4	
1538	1986	08	09	10 32 59.8	19.00	89.30	127.0	4.0	
2328	1970	03	05	17 01 11.4	18.82	89.23	127.0	5.2	
2680	1971	11	03	18 06 50.1	18.82	89.37	127.0	4.0	
2768	1972	05	10	10 31 56.8	19.22	89.28	127.0	4.0	
2833	1972	07	18	16 24 40.2	10.52	74.33	127.0	4.0	
2907	1972	11	03	23 57 55.3	19.29	89.04	127.0D	5.3	
2922	1972	12	03	11 45 31.5	6.50	80.58	127.0	4.3	
3273	1974	06	12	21 55 59.9	2.97	80.25	127.0	4.1	
3394	1974	10	18	04 09 40.4	4.04	77.84	127.0	4.3	
3738	1976	10	15	08 43 5.7	18.42	89.87	127.0		
4047	1978	08	30	00 26 3.6	5.30	78.41	127.0	5.0	
4250	1979	12	18	18 54 7.9	14.18	76.87	127.0A		
4318	1980	05	04	23 29 3.2	5.12	78.81	127.0	4.6	
4357	1980	07	23	08 43 55.2	2.32	78.32	127.0D	4.2	
4528	1981	04	27	16 22 33.7	4.46	77.03	127.0	4.8	
4633	1981	08	18	12 53 34.8	19.33	89.57	127.1		
2599	1971	05	09	14 53 22.1	0.99	77.71	127.2		
5175	1983	12	23	12 41 45.6	19.22	89.40	127.5	5.0	
396	1951	09	25	09 08 29.0	19.00	89.00	128.0		
455	1954	03	27	18 21 3.0	8.50	74.80	128.0		
473	1954	09	08	17 31 1.0	16.60	73.80	128.0		
496	1955	05	19	07 07 17.0	19.20	89.20	128.0		
1118	1964	05	23	21 31 3.4	18.40	89.20	128.0	4.7	
1329	1965	08	20	09 42 48.7	18.90	89.00	128.0	6.2	
1622	1988	11	07	07 00 4.2	19.70	89.40	128.0	4.1	
1654	1986	12	22	15 57 21.6	15.10	72.00	128.0	4.1	
1688	1987	03	19	21 42 42.8	10.80	74.79	128.0	4.3	
1883	1988	02	17	23 08 15.3	18.90	89.50	128.0	4.0	
1898	1988	03	25	11 40 55.1	16.40	72.81	128.0	3.9	ISC
1937	1988	06	19	09 01 24.0	4.60	78.70	128.0	4.3	ISC
2634	1971	07	22	07 43 47.4	3.73	77.29	128.0	4.5	
2865	1972	09	02	20 57 18.7	18.26	89.40	128.0	4.6	
3319	1974	08	31	11 36 49.5	18.49	89.77	128.0	4.8	
3511	1975	05	07	02 31 15.5	14.90	71.77	128.0	4.5	
3802	1977	03	13	04 54 42.0	16.96	89.80	128.0	5.2	
4002	1978	05	04	09 41 41.8	18.97	89.71	128.0	4.3	
4037	1978	07	29	01 11 15.0	14.82	71.85	128.0	4.4	
4170	1979	06	07	03 53 22.4	9.96	75.33	128.0	4.6	
4311	1980	04	09	10 00 19.0	9.84	75.10	128.0	4.8	3.9 ISC

6.5 PAS

3.9 ISC

4.3 ISC

3.9 ISC

## EARTHQUAKE CATALOG OF PERU

IV-87

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4330	1980	05	26	21	20	31.1	19.77	69.44	128.0	4.4	
4466	1981	03	01	12	56	26.7	14.85	72.77	128.0A		
2630	1971	06	30	22	04	27.3	18.89	69.55	128.1		
3310	1974	08	11	17	05	30.3	6.56	77.43	128.1	4.1	
4948	1982	09	15	20	22	55.3	14.49	70.79	128.3	6.0	
										6.3 BRK	
5183	1984	01	16	06	05	29.4	15.88	73.11	128.7	4.4	
1192	1964	11	23	10	26	41.0	20.00	70.30	129.0	4.4	ISC
1207	1964	12	20	22	43	35.3	18.60	69.50	129.0	4.3	
2780	1972	05	25	14	17	52.4	15.31	72.31	129.0	4.2	
3184	1974	01	21	02	34	44.4	4.25	77.78	129.0	4.4	
3922	1977	10	08	03	03	51.5	9.52	74.66	129.0D	5.5	
4401	1980	11	05	19	24	25.3	15.93	72.28	129.0	4.8	
4701	1981	11	03	07	02	38.6	1.83	78.44	129.4	5.6	
										5.8 BRK	
5165	1983	11	29	11	45	10.7	17.49	70.35	129.4	4.7	
5254	1984	08	23	08	36	42.7	15.09	72.08	129.4	4.5	
5139	1983	09	15	01	35	49.4	17.49	70.83	129.6		
5131	1983	08	21	15	47	17.2	4.98	76.01	129.9D	4.6	
120	1934	12	04	17	24	38.0	19.50	69.50	130.0		6.9 PAS
126	1935	11	02	21	05	40.0	2.00	79.00	130.0		6.0 PAS
133	1936	09	16	17	44	13.0	16.00	72.50	130.0		5.8 PAS
172	1939	09	13	18	03	30.0	18.50	70.50	130.0		5.8 PAS
177	1939	11	26	06	26	18.0	8.50	77.50	130.0		5.5 PAS
240	1942	11	06	13	31	10.0	6.00	77.00	130.0		6.8 PAS
274	1943	12	22	07	01	50.0	2.50	77.00	130.0		6.3 PAS
1441	1966	02	26	21	14	33.3	18.30	69.40	130.0	3.7	
1540	1966	08	11	15	10	26.7	18.90	69.60	130.0	4.3	
1569	1966	09	24	01	17	24.1	19.40	69.60	130.0	4.0	
1613	1966	10	27	10	07	39.5	15.10	72.10	130.0	4.2	
1663	1967	01	22	11	50	49.9	19.10	69.11	130.0	4.4	
2119	1969	01	25	18	13	52.5	8.08	78.31	130.0G	4.3	
2236	1969	09	07	20	29	2.8	16.84	71.08	130.0	3.8	
2300	1970	01	03	02	08	13.2	6.30	77.78	130.0	4.3	
2931	1972	12	18	21	07	38.6	19.47	69.07	130.0	4.6	
3013	1973	04	29	14	11	52.2	15.25	71.95	130.0	4.1	
4337	1980	06	12	09	17	42.0	14.95	72.06	130.0A		
4630	1981	08	13	21	19	23.4	18.67	69.43	130.0D	4.6	
4867	1982	06	09	22	38	45.3	16.09	72.04	130.4	4.5	
924	1963	04	26	16	44	14.6	18.20	69.30	131.0	4.5	
1175	1964	10	08	10	55	26.0	2.60	79.10	131.0	4.0	
1393	1965	12	08	06	25	56.7	18.40	69.30	131.0	3.8	
1491	1966	06	02	17	05	40.0	15.60	71.90	131.0	4.6	



## IV-88

100 km &lt; h ≤ 300 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1565	1966	09	15	19 17 35.4	20.00	69.10	131.0	4.4	
1892	1968	03	11	17 06 45.9	17.90	69.90	131.0	4.0	
1914	1968	04	29	22 26 54.4	2.60	77.20	131.0	4.7	
2272	1969	10	27	22 32 32.1	2.19	78.86	131.0	4.5	
2594	1971	04	27	00 47 56.0	18.44	69.27	131.0	5.2	
2718	1972	02	29	02 04 54.1	15.04	71.83	131.0	4.9	
2815	1972	07	03	16 21 18.7	8.18	74.30	131.0	4.5	
3008	1973	04	25	16 51 14.9	10.83	76.45	131.0	4.6	
3022	1973	05	10	13 46 34.1	2.10	78.82	131.0	4.9	
3534	1975	06	21	09 47 6.0	17.86	70.58	131.0	4.4	
4003	1978	05	04	11 26 11.9	8.07	76.00	131.0	5.1	
4044	1978	08	10	04 10 55.8	2.10	78.66	131.0	4.9	
4048	1978	09	01	01 59 5.2	11.15	75.47	131.0	4.9	
4085	1978	11	04	09 09 19.0	8.37	76.03	131.0	5.0	3.9 ISC
4120	1979	02	26	06 33 33.4	8.29	75.11	131.0	4.9	4.0 ISC
4268	1980	01	13	00 29 7.1	0.63	78.90	131.0	4.7	
4963	1982	10	08	01 14 3.3	15.12	72.27	131.2		
3716	1976	09	01	20 34 25.1	2.63	80.18	131.3		
3846	1977	05	14	16 33 59.8	16.36	72.27	131.4		
5014	1982	12	05	16 33 32.6	19.50	69.33	131.7		
5110	1983	06	21	15 42 39.3	15.75	73.86	131.8		
3649	1978	04	28	20 03 19.7	9.24	80.39	131.9	4.6	GS
5106	1983	06	18	01 21 0.9	15.78	72.48	131.9	4.8	
740	1961	03	25	02 10 13.2	2.10	78.70	132.0		
1077	1964	03	10	22 48 53.7	18.20	70.60	132.0	4.4	
1328	1965	08	09	08 40 29.8	1.40	78.70	132.0	5.1	
1625	1966	11	09	02 01 58.1	14.90	71.70	132.0	4.5	
1631	1966	11	14	12 58 37.9	18.40	69.40	132.0	5.5	
1781	1967	08	05	14 46 32.9	8.20	75.10	132.0	4.3	
1866	1968	01	01	08 16 15.3	11.20	76.00	132.0	4.4	
1888	1968	03	04	08 37 20.0	19.27	69.20	132.0	3.8	ISC
2579	1971	03	09	14 28 22.9	10.42	74.06	132.0	4.7	
2714	1972	02	12	22 42 21.6	4.20	76.94	132.0	4.4	
2775	1972	05	21	01 24 7.9	18.61	69.28	132.0	5.2	
3724	1976	09	28	13 52 27.9	17.29	69.20	132.0	5.0	
3826	1977	05	02	08 31 18.9	15.22	71.78	132.0	4.7	
4162	1979	05	31	05 43 0.6	15.74	72.52	132.0A		
4222	1979	09	24	11 38 49.4	15.69	72.04	132.0		
5140	1983	09	20	02 13 56.9	8.03	76.62	132.0	4.4	
2616	1971	05	29	16 40 10.7	18.99	69.33	132.2	4.0	
3131	1973	10	26	04 01 15.5	15.15	72.24	132.5		
2824	1972	07	15	16 07 3.2	10.43	74.29	132.6	4.1	
4378	1980	09	17	15 39 6.4	6.73	76.99	132.6	4.4	

## EARTHQUAKE CATALOG OF PERU

IV-89

100 km &lt; h ≤ 300 km

NO.	DATE	TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr mo dy	hr mn sec				mb	Ms
5104	1983 06 03	04 49 44.1	18.25	69.70	132.6	4.8	
5241	1984 07 24	11 49 58.4	8.43	74.73	132.8D	5.3	
4591	1981 06 28	12 56 20.0	7.82	74.30	132.9	4.8	
940	1963 06 20	10 23 18.4	7.60	74.70	133.0	3.9	
1415	1966 01 17	06 24 45.4	3.40	79.30	133.0	3.8	
1674	1967 02 11	19 25 2.5	15.13	72.03	133.0	4.0	
1693	1967 03 26	23 56 48.2	10.38	73.85	133.0	4.5	
2071	1968 10 27	13 11 15.4	15.10	72.37	133.0		
2298	1969 12 29	09 42 11.1	11.12	75.55	133.0	4.4	
2678	1971 10 28	14 40 14.5	17.94	69.36	133.0D	5.1	
3105	1973 09 18	12 58 25.2	7.03	76.14	133.0D	5.8	
3572	1975 09 30	12 15 8.6	19.35	69.31	133.0	3.9	
3653	1976 05 07	05 10 49.3	8.62	74.72	133.0	5.3	
3685	1976 06 20	21 33 27.1	19.82	69.43	133.0		
3827	1977 05 03	22 43 37.0	5.93	75.59	133.0	4.7	
4476	1981 03 17	07 44 8.6	9.85	74.87	133.0	5.0	
4727	1981 11 30	15 42 28.2	17.02	69.85	133.0D	5.4	
4835	1982 04 18	18 43 8.1	11.79	76.05	133.0	4.5	
2829	1972 07 17	09 16 48.8	0.79	76.64	133.2		
3177	1974 01 13	21 02 29.3	19.21	69.38	133.3		
3773	1977 01 19	13 50 26.5	15.76	72.81	133.3		
4543	1981 05 09	19 48 25.5	7.11	75.64	133.3	4.3	
5029	1982 12 21	11 30 51.8	11.42	74.16	133.4	4.5	
1066	1964 02 19	06 29 12.1	17.10	70.70	134.0	4.0	
1096	1964 04 19	13 17 11.4	3.70	79.40	134.0	4.3	
1146	1964 07 10	19 16 43.5	16.00	71.60	134.0	4.9	
1584	1966 10 16	15 18 22.0	9.30	75.90	134.0	4.0	
1773	1967 07 25	16 14 43.6	18.80	69.20	134.0	3.7	
2207	1969 07 23	01 15 32.7	14.60	71.70	134.0	4.4	
2835	1972 07 19	05 44 10.4	17.00	70.53	134.0	3.9	
2956	1973 02 09	07 41 22.3	18.39	69.08	134.0	4.9	
3272	1974 06 12	18 20 30.5	3.88	76.28	134.0	4.7	
3569	1975 09 06	10 46 34.6	10.47	74.83	134.0	4.7	
3614	1976 01 12	06 14 9.8	9.60	75.10	134.0	4.7	
3945	1977 11 27	03 58 39.8	18.14	69.54	134.0	5.3	GS
4100	1979 01 21	12 33 47.7	8.65	74.88	134.0	5.0	
4314	1980 04 18	19 33 36.3	14.77	71.28	134.0	5.1	
4355	1980 07 20	13 54 26.4	9.66	74.95	134.0	5.2	
4384	1980 09 23	00 18 19.8	18.09	69.98	134.0	4.7	
5122	1983 07 22	12 51 33.3	19.30	69.27	134.1	4.7	
4629	1981 08 12	14 50 44.1	18.67	69.76	134.3	4.3	
723	1961 01 08	05 21 46.7	15.90	73.10	135.0		
1145	1964 07 05	22 14 59.1	10.24	75.11	135.0	3.9	ISC

## IV-90

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1238	1965	02	19	09	35	58.0	18.39	69.34	135.0	4.4	ISC
1863	1967	12	29	23	57	48.5	7.90	74.40	135.0	4.3	
2063	1968	09	23	04	33	46.7	3.82	77.32	135.0	3.9	
2129	1969	02	21	00	52	8.6	8.93	75.39	135.0	4.4	
2447	1970	08	27	08	22	52.7	4.03	76.59	135.0	4.9	ISC
2636	1971	07	27	02	02	49.6	2.75	77.43	135.0D	6.3	7.5 PAS
2660	1971	09	24	08	11	32.7	17.21	69.89	135.0G	4.5	
3571	1975	09	30	03	50	59.3	9.55	74.65	135.0D	5.8	
3647	1976	04	18	10	52	43.6	8.39	75.01	135.0D	4.7	
4386	1980	09	29	00	31	54.8	17.41	69.88	135.0D	4.9	
4391	1980	10	10	19	10	1.8	8.44	74.64	135.0	4.7	6.3 PAS
3037	1973	06	08	03	19	11.7	19.33	69.13	135.3		
3858	1977	05	26	11	14	49.2	19.64	69.32	135.5		
5196	1984	02	28	01	09	9.4	17.68	70.70	135.9	4.2	
773	1961	07	28	01	05	30.0	2.20	77.10	136.0		
1105	1964	05	01	09	51	31.6	18.60	69.50	136.0	4.2	
1122	1964	06	01	05	12	27.6	18.10	70.60	136.0		
1713	1967	04	30	08	39	7.8	8.49	74.87	136.0D	4.9	
2163	1969	04	21	08	57	20.1	18.19	69.44	136.0	4.0	
2226	1969	08	15	09	25	30.7	10.99	74.54	136.0	3.9	
2498	1970	12	10	12	13	10.6	18.27	69.89	136.0	4.1	
2953	1973	02	01	14	51	37.3	12.91	73.45	136.0	4.0	
3115	1973	10	09	04	36	49.9	4.14	76.24	136.0	4.5	
3293	1974	07	12	14	04	1.7	11.96	75.45	136.0	4.5	
3402	1974	10	26	20	33	34.6	18.90	69.14	136.0	4.5	
4953	1982	09	26	14	35	13.0	3.09	75.69	136.0D	4.7	
5223	1984	05	25	08	10	41.3	19.64	69.12	136.0	4.8	
4676	1981	10	07	20	03	47.7	2.48	77.21	136.4	4.8	
5046	1983	02	10	14	29	37.0	9.70	74.43	136.5	4.9	
801	1961	10	11	12	28	35.2	13.30	75.70	137.0		
870	1962	09	22	16	45	31.0	15.50	73.10	137.0		
932	1963	05	19	23	31	25.3	17.70	69.40	137.0	5.2	
1904	1968	04	11	11	41	42.7	19.10	69.40	137.0	4.0	
2044	1968	09	04	11	11	50.6	17.84	69.65	137.0	3.8	
2902	1972	10	27	15	22	52.9	8.55	74.41	137.0	4.6	
3672	1976	05	28	07	30	2.2	15.19	72.15	137.0	4.7	
4356	1980	07	21	08	47	56.2	18.52	69.35	137.0	4.7	
4402	1980	11	06	11	24	12.4	18.50	69.22	137.0	4.8	
4470	1981	03	08	23	21	1.9	15.23	71.89	137.1		
5137	1983	09	10	09	12	58.8	18.05	69.58	137.1	4.9	
3460	1975	01	17	12	37	1.5	17.28	70.28	137.2	4.0	
4550	1981	05	16	21	50	49.6	18.16	69.82	137.2		
3327	1974	09	14	17	58	35.5	18.77	69.73	137.3		

## EARTHQUAKE CATALOG OF PERU

## IV-91

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5114	1983	08	28	05	39	41.3	17.71	69.87	137.3	4.8	
4493	1981	04	10	16	29	49.5	18.37	69.49	137.8		
1170	1984	10	01	08	46	38.9	19.70	68.80	138.0	4.4	
1239	1985	02	19	23	01	50.0	7.52	74.68	138.0	4.4	ISC
1395	1985	12	11	04	29	35.4	18.40	69.30	138.0	4.0	
1687	1967	03	13	22	09	45.8	18.14	69.36	138.0	4.0	
1691	1967	03	24	15	38	48.3	6.72	74.98	138.0	4.8	
2282	1989	11	30	07	15	23.9	15.29	71.88	138.0	4.1	
2563	1971	01	13	00	04	42.2	19.33	68.93	138.0	4.4	
2638	1971	08	03	21	51	45.7	2.16	78.95	138.0	4.3	
2891	1972	10	10	09	26	5.1	6.71	74.77	138.0D	4.6	
2966	1973	03	02	18	30	58.2	18.96	69.08	138.0D	4.9	
3633	1976	03	14	21	54	15.7	17.06	70.44	138.0		
3789	1977	02	24	07	11	50.8	8.55	74.52	138.0	4.9	
3830	1977	05	05	20	56	49.1	10.59	74.05	138.0	4.8	
4305	1980	04	02	23	14	34.1	8.62	74.69	138.0	4.6	
4482	1981	03	26	18	04	44.7	19.37	68.96	138.0D	5.8	5.9 ISC
5260	1984	09	12	19	17	51.6	15.77	71.89	138.0D	5.1	
4993	1982	11	14	12	55	29.8	15.11	71.79	138.7	4.6	
1141	1984	07	01	22	49	23.4	14.30	73.10	139.0	5.2	
1169	1984	09	29	20	31	51.9	16.40	69.30	139.0	4.0	
1347	1985	09	20	18	10	40.3	6.30	75.00	139.0	5.1	
1424	1986	02	01	05	38	30.4	18.30	69.80	139.0	4.2	
1465	1986	04	12	01	31	6.1	17.70	69.70	139.0	4.2	
1473	1986	05	02	21	34	0.0	16.80	68.90	139.0	4.3	
1562	1986	09	09	05	28	7.3	16.30	71.80	139.0	4.0	
1855	1986	12	23	18	59	5.1	7.40	74.70	139.0	5.2	
1882	1968	02	14	23	20	39.2	18.40	69.30	139.0	4.4	
2021	1968	07	27	22	06	9.0	5.50	76.63	139.0	4.2	
2326	1970	03	02	03	30	29.7	14.23	73.30	139.0	4.7	
2479	1970	11	16	12	22	21.5	8.60	74.94	139.0D	4.9	
2619	1971	06	03	14	13	0.1	18.10	69.47	139.0	3.9	
2975	1973	03	12	10	13	31.9	15.88	72.08	139.0	4.1	
3145	1973	11	11	01	53	12.4	5.93	75.16	139.0D	4.8	
3155	1973	11	25	04	33	19.9	18.78	69.16	139.0D	5.1	
3788	1977	02	19	13	41	41.1	18.02	70.43	139.0		
3947	1977	12	01	14	13	15.4	18.50	69.11	139.0		
4081	1978	12	19	02	54	6.2	10.26	75.14	139.0	4.7	
5252	1984	08	18	16	38	26.8	7.72	77.02	139.0		
2880	1972	09	28	01	25	30.8	15.79	69.42	139.2		
4749	1981	12	20	06	12	12.7	17.70	69.92	139.2	4.7	
3929	1977	10	24	11	38	20.7	2.70	76.72	139.6		
4768	1982	01	16	04	08	16.0	18.25	69.29	139.6		

## IV-92

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4201	1979	08	07	15	49	42.5	15.95	72.18	139.7		
132	1936	07	04	08	52	35.0	18.00	70.00	140.0		6.0 PAS
201	1940	10	23	02	23	15.0	2.00	76.00	140.0		6.0 PAS
265	1943	04	05	03	08	58.0	6.50	76.00	140.0		6.5 PAS
833	1962	03	14	12	24	16.5	8.20	75.00	140.0		
1359	1965	10	10	19	35	0.1	7.70	74.60	140.0	4.3	
1373	1965	11	10	01	47	22.4	17.90	69.50	140.0	4.3	
1452	1966	03	23	21	57	9.8	7.20	74.70	140.0	5.1	
2086	1968	11	28	02	23	22.1	18.13	69.51	140.0	4.5	
2133	1969	02	25	00	42	2.3	16.30	69.60	140.0	4.0 ISC	
2203	1969	07	13	05	45	0.3	18.07	69.44	140.0	4.7	
2421	1970	07	05	06	55	46.3	8.77	74.38	140.0D	4.9	
2555	1971	01	05	11	13	47.5	17.68	69.87	140.0	3.8	
2711	1972	02	03	11	34	22.8	15.91	69.22	140.0	3.8	
2882	1972	09	29	01	20	44.7	8.47	74.99	140.0D	4.6	
2955	1973	02	07	06	10	21.8	7.42	74.81	140.0D	5.3	
3866	1977	06	05	01	45	30.9	17.71	69.75	140.0		
4084	1978	12	23	14	29	44.3	14.76	71.45	140.0D	5.1	
4161	1979	05	30	06	17	8.1	2.52	77.01	140.0	3.8	
4183	1979	06	16	18	06	58.4	2.54	76.85	140.0	4.5	
4238	1979	11	13	06	22	2.6	2.31	76.73	140.0D	4.7	
4421	1980	11	27	12	22	54.6	18.49	69.61	140.0		
4462	1981	02	18	04	11	52.1	9.74	74.73	140.0	4.6	
4653	1981	09	10	18	31	50.0	12.31	75.49	140.0A		
3118	1973	10	11	11	12	14.5	18.27	69.64	140.4		
1332	1965	08	22	12	24	22.5	7.80	74.50	141.0	4.7	
1342	1965	09	16	08	57	23.9	17.20	70.70	141.0	4.3	
1357	1965	10	08	22	28	48.6	8.30	76.00	141.0	5.2	
2316	1970	02	13	17	26	16.9	15.94	71.67	141.0G	5.4	
2820	1972	07	06	04	15	15.0	18.89	69.36	141.0		
2840	1972	07	27	06	05	28.8	19.19	68.57	141.0	4.3	
2911	1972	11	08	12	40	28.3	19.24	68.79	141.0	4.0	
3079	1973	07	31	05	31	45.4	15.67	72.63	141.0	3.9	
3307	1974	07	30	09	31	11.5	16.96	70.45	141.0	4.0	
3426	1974	11	17	23	33	14.0	16.33	70.19	141.0	4.1	
3790	1977	03	01	01	02	25.6	8.75	74.57	141.0	4.6	
4164	1979	05	31	15	05	46.3	9.96	74.82	141.0	4.9	
2903	1972	10	28	17	22	37.8	17.87	69.52	141.2		
4739	1981	12	10	12	58	2.1	10.77	75.50	141.2		
1341	1965	09	14	07	17	58.0	9.89	76.10	142.0	4.3 ISC	
1410	1966	01	02	03	53	58.2	17.90	69.50	142.0	4.4	
1547	1966	08	24	15	41	1.4	7.70	74.30	142.0	4.2	
1701	1967	04	02	16	37	57.6	8.55	74.37	142.0	4.0	

## EARTHQUAKE CATALOG OF PERU

IV-93

100 km &lt; h ≤ 300 km

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2051	1968 09 10	12 00 39.4	19.38	68.67	142.0	4.0	ISC
2130	1969 02 22	01 19 21.0	2.60	76.37	142.0D	4.5	
3160	1973 12 01	14 34 10.1	17.73	69.73	142.0	5.2	
4285	1980 02 24	11 00 50.6	4.77	77.35	142.0	4.6	
5154	1983 11 04	16 33 43.5	19.25	69.46	142.0	4.8	
3458	1975 01 12	11 56 27.4	18.30	69.84	142.6	4.2	
3889	1977 07 29	21 39 25.6	3.34	76.10	142.6		
4729	1981 12 02	08 50 36.1	14.93	73.99	142.9		
5246	1984 07 30	07 19 41.9	8.54	75.02	142.9	4.1	
828	1962 02 28	18 32 12.6	19.70	68.80	143.0		
927	1963 05 10	13 05 22.5	8.00	74.40	143.0	4.4	
975	1963 09 17	02 22 49.1	15.30	72.60	143.0	3.5	
1256	1965 04 04	20 09 41.1	8.80	74.50	143.0	5.3	
1700	1967 04 02	11 42 43.7	1.37	79.38	143.0	3.9	
2453	1970 09 15	09 31 44.1	19.72	68.64	143.0	4.1	ISC
2928	1972 12 12	03 25 50.8	19.98	68.52	143.0		
4153	1979 05 15	15 13 4.8	8.62	75.97	143.0	4.8	
4344	1980 06 17	23 46 44.6	16.16	71.60	143.0A		
5158	1983 11 14	21 27 57.8	20.00	68.93	143.1		
3616	1976 01 20	13 28 0.6	15.80	72.75	143.4		
3904	1977 08 31	16 47 19.3	19.00	69.18	143.5		
1522	1966 07 13	08 32 48.8	2.20	77.40	144.0	4.3	
1574	1966 10 08	10 32 32.0	19.70	68.80	144.0	4.1	
1827	1967 10 27	06 29 33.8	8.40	74.20	144.0	4.7	
2047	1968 09 09	00 35 18.4	8.67	74.48	144.0D	5.3	
2165	1969 05 03	04 13 12.5	19.77	69.04	144.0	4.0	
2710	1972 01 30	08 16 28.8	17.99	69.41	144.0	4.5	
3083	1973 08 04	22 44 44.5	17.93	69.48	144.0	3.5	
3248	1974 05 03	23 20 19.5	19.40	68.73	144.0	4.4	
3925	1977 10 16	09 53 39.2	18.30	72.38	144.0		
3970	1978 02 12	22 24 32.9	15.71	72.63	144.0		
4045	1978 08 13	15 20 18.6	18.28	69.86	144.0	5.0	
4052	1978 09 10	20 22 41.2	8.43	74.43	144.0	4.9	
4253	1979 12 26	02 02 54.1	16.13	71.13	144.0	4.8	
4280	1980 02 09	04 18 49.0	19.32	68.78	144.0		
4342	1980 06 16	21 47 32.5	8.71	74.81	144.0	4.9	
4734	1981 12 06	11 10 2.9	10.97	75.34	144.1		
3362	1974 10 05	03 34 49.2	12.53	76.60	144.2	4.2	
4533	1981 05 02	02 35 33.4	10.39	74.43	144.2	4.5	
4965	1982 10 10	05 55 46.3	18.45	69.73	144.8		
866	1962 08 30	06 22 27.6	17.40	69.80	145.0		
1734	1967 06 08	18 10 0.4	11.30	76.90	145.0	4.3	
1806	1967 09 20	09 33 54.1	8.00	74.50	145.0	5.1	

## IV-94

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2445	1970	08	18	04	34	18.4	7.35	76.55	145.0G	4.4	
4520	1981	04	25	02	48	1.4	17.93	69.65	145.0	4.7	
3743	1976	10	23	05	43	15.1	15.76	71.82	145.1	4.9	GS
4725	1981	11	27	17	46	0.8	17.52	69.77	145.2	4.7	
2611	1971	05	26	08	12	20.7	11.91	76.87	145.6	3.8	
3959	1978	01	16	08	05	9.2	18.27	69.87	145.6		
2857	1972	08	21	18	11	32.1	6.25	81.46	145.9		
3686	1976	06	21	07	56	31.1	18.19	69.58	145.9		
698	1960	09	24	13	58	33.6	3.00	75.90	146.0		
862	1962	07	30	06	58	35.6	2.50	77.00	146.0		
1001	1963	11	03	04	24	48.4	4.30	78.30	146.0	4.2	
1307	1965	07	14	12	29	56.6	17.60	69.50	146.0	5.0	
1488	1966	05	29	16	34	15.8	17.40	69.40	146.0	3.8	
1762	1967	07	14	10	08	45.5	6.40	77.40	146.0	4.6	
2216	1969	08	05	08	09	11.9	17.63	69.61	146.0	3.8	
3376	1974	10	08	23	38	18.6	18.24	69.42	146.0	3.6	
4235	1979	11	02	15	14	16.2	9.66	76.13	146.0A	4.2	
4797	1982	03	01	01	34	13.1	7.58	76.71	146.0	4.7	
5054	1983	02	25	22	49	54.7	18.27	69.44	146.0D	5.9	
4454	1981	02	01	11	39	25.3	17.55	70.24	146.6		
4469	1981	03	05	04	03	33.3	18.00	69.44	146.9		
715	1960	12	22	03	47	21.7	16.20	72.90	147.0		
1084	1964	03	22	07	05	39.7	5.50	77.10	147.0	5.1	
1140	1964	07	01	20	20	56.6	17.10	69.10	147.0	5.1	
1334	1965	08	25	14	50	36.0	17.50	69.80	147.0	4.9	
1938	1968	06	19	09	01	59.0	5.90	77.20	147.0	4.3	ISC
2026	1968	08	01	01	53	32.9	19.23	70.73	147.0		
2135	1969	03	01	23	55	15.7	16.95	69.86	147.0	4.3	
2856	1972	08	20	16	39	32.3	7.56	74.67	147.0D	4.6	
2867	1972	09	05	19	12	31.3	10.19	73.71	147.0	4.5	
2947	1973	01	21	18	12	29.9	7.95	74.39	147.0D	5.1	
3985	1978	04	03	08	39	32.8	18.33	69.15	147.0	4.6	
4631	1981	08	16	21	46	53.6	8.61	74.65	147.0D	4.9	
4667	1981	09	28	11	20	37.9	11.37	77.86	147.1	3.9	
4678	1981	10	08	22	25	53.0	17.12	70.05	147.2	5.0	
3634	1976	03	15	22	04	18.1	1.85	78.39	147.6		
4981	1982	10	23	15	37	6.8	19.78	69.58	147.7	4.7	
5214	1984	05	05	23	16	49.6	18.49	69.71	147.8		
1143	1984	07	04	12	13	56.9	15.50	72.50	148.0	5.3	
1147	1984	07	11	08	15	39.1	2.60	77.60	148.0	4.1	
2643	1971	08	21	17	22	18.6	16.89	69.67	148.0	3.6	
2644	1971	08	23	01	46	52.6	16.96	70.13	148.0D	5.0	
3988	1978	04	11	22	57	48.5	5.73	75.01	148.0	4.7	

## EARTHQUAKE CATALOG OF PERU

IV-95

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4304	1980	03	29	11	56	29.4	7.66	74.32	148.0D	4.7	
4061	1978	10	13	19	25	21.8	17.40	70.58	148.4		
3159	1973	11	29	10	43	57.6	15.07	71.93	148.6		
3279	1974	06	20	15	05	31.6	15.68	71.45	148.7		
4877	1982	07	01	02	56	27.2	18.68	69.40	148.7	5.0	
876	1962	10	06	14	05	24.0	1.50	77.40	149.0		
954	1963	07	22	13	45	41.2	3.20	76.00	149.0	3.8	
1112	1964	05	17	06	30	0.6	17.70	69.60	149.0	3.8	
2162	1969	04	20	10	16	47.2	17.63	69.60	149.0	4.2	
2183	1969	06	02	11	07	36.6	8.40	74.32	149.0	5.0	
2224	1969	08	11	20	46	54.9	17.11	70.12	149.0	4.4	ISC
3903	1977	08	26	05	46	51.7	7.98	74.48	149.0	4.6	
4043	1978	08	08	01	43	23.2	17.62	70.01	149.0	4.6	
4308	1980	04	04	22	22	36.6	19.10	69.57	149.0	4.6	
4632	1981	08	16	23	11	21.7	8.60	74.52	149.0D	4.8	
5109	1983	06	21	09	23	55.9	8.58	74.34	149.3	5.2	
5016	1982	12	06	08	47	56.8	18.51	68.88	149.8	4.7	
5188	1984	02	05	15	41	10.0	19.62	69.59	149.9		
2	1906	09	28	15	24	54.0	2.00	79.00	150.0		7.9 PAS
11	1920	08	13	02	03	0.0	20.00	68.00	150.0		6.5 PAS
28	1923	09	02	22	38	12.0	16.00	68.50	150.0		7.0 PAS
45	1926	03	07	20	33	38.0	5.00	76.50	150.0		6.5 PAS
74	1929	05	25	11	59	38.0	8.50	75.50	150.0		6.8 PAS
122	1935	03	09	02	54	37.0	12.00	78.00	150.0		5.8 PAS
138	1937	06	22	05	34	3.0	9.00	79.00	150.0		5.8 PAS
168	1939	04	25	12	53	37.0	12.50	75.50	150.0		6.3 PAS
178	1939	12	11	10	42	0.0	15.00	77.00	150.0		
231	1942	08	25	20	16	0.0	15.00	75.00	150.0		
262	1943	03	14	18	37	56.0	20.00	69.50	150.0		7.2 PAS
294	1945	07	12	09	12	8.0	8.50	74.50	150.0		
332	1949	07	21	08	01	39.0	15.50	73.00	150.0		6.5 PAS
338	1949	08	23	15	13	44.0	16.00	73.00	150.0		
339	1949	09	08	16	02	2.0	15.50	75.50	150.0		
347	1950	03	14	03	10	2.0	8.00	74.00	150.0		6.8 PAS
354	1950	05	31	09	21	45.0	8.00	74.00	150.0		
366	1950	08	27	14	26	12.0	8.00	74.50	150.0		
381	1951	03	04	11	17	33.0	15.50	74.00	150.0		6.9 PAS
384	1951	04	03	04	59	34.0	7.00	74.90	150.0		
391	1951	07	02	18	13	19.0	10.30	79.50	150.0		
447	1954	02	12	10	08	46.0	17.50	70.00	150.0		
451	1954	02	26	15	38	15.0	8.50	76.00	150.0		
460	1954	05	07	00	22	55.0	8.00	74.00	150.0		
499	1955	06	03	11	11	15.0	9.00	74.00	150.0		



## IV-96

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
504	1955	08	17	10	42	37.0	8.50	78.00	150.0		
518	1956	02	15	12	50	12.0	8.50	74.50	150.0		
542	1956	11	16	22	02	19.0	18.00	69.00	150.0		
554	1957	04	13	15	39	43.0	19.00	69.50	150.0		
559	1957	08	01	12	46	23.0	18.00	70.00	150.0		
570	1958	01	07	02	56	19.0	18.50	69.00	150.0		
581	1958	04	21	12	15	28.0	8.00	74.00	150.0		
584	1958	05	12	21	12	16.0	6.50	75.50	150.0		
591	1958	06	01	10	40	17.0	18.00	69.00	150.0		
595	1958	06	29	03	25	42.0	15.50	70.50	150.0		6.5 BRK
604	1958	10	12	01	35	27.0	6.00	74.50	150.0		
607	1958	11	05	08	00	11.0	19.50	69.00	150.0		
613	1959	01	13	19	06	40.0	16.50	71.50	150.0		
627	1959	03	18	14	56	5.0	8.00	73.50	150.0		
650	1959	07	31	01	51	45.0	16.50	71.00	150.0		
654	1959	08	22	21	28	2.0	17.50	69.50	150.0		
657	1959	09	12	01	41	3.0	20.00	68.00	150.0		
658	1959	10	12	03	43	44.0	19.00	68.50	150.0		
664	1960	01	02	03	21	52.0	15.50	68.00	150.0		6.3 PAS
668	1960	01	15	09	30	24.0	15.00	75.00	150.0		7.0 PAS
669	1960	01	17	02	57	58.0	14.50	74.50	150.0		6.3 PAS
673	1960	02	13	20	40	6.0	17.50	70.00	150.0		
674	1960	02	14	18	20	46.0	8.00	75.50	150.0		
675	1960	03	09	23	54	25.0	16.50	72.50	150.0		6.1 PAS
682	1960	05	28	08	19	4.0	19.50	68.50	150.0		
687	1960	07	13	21	45	9.0	9.50	75.00	150.0		
1038	1963	12	30	16	20	48.3	18.30	70.10	150.0	4.1	
1043	1964	01	05	18	33	54.7	8.00	74.50	150.0	5.2	
1064	1964	02	17	02	30	41.8	19.10	69.30	150.0	4.3	
1167	1964	09	21	13	27	32.9	7.20	74.30	150.0	4.6	
1372	1965	11	09	09	29	29.5	17.50	69.90	150.0	3.8	
1553	1966	08	31	08	59	14.6	8.30	74.30	150.0	3.9	
1580	1966	10	13	15	45	15.2	8.70	74.30	150.0	5.2	
1887	1968	03	03	16	16	28.7	2.40	76.50	150.0	4.3	
2105	1968	12	28	09	47	47.9	18.24	69.32	150.0G	4.4	
2115	1969	01	14	09	51	29.6	8.64	74.38	150.0G	4.5	
2552	1971	01	03	11	16	22.0	2.37	76.72	150.0	4.3	
2651	1971	09	09	01	37	23.1	7.35	74.60	150.0D	5.1	
2699	1972	01	11	02	38	24.9	3.54	77.21	150.0	4.6	
3185	1974	01	22	01	11	17.5	17.89	69.33	150.0	3.9	
4982	1982	10	23	16	18	34.8	13.72	74.37	150.0A		
3707	1976	08	17	21	57	4.5	19.07	69.33	150.7		
2020	1968	07	26	14	00	3.6	8.57	74.23	151.0	5.2	

## EARTHQUAKE CATALOG OF PERU

IV-97

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2278	1969	11	13	07	06	22.6	10.10	75.32	151.0	4.1	
3062	1973	07	18	15	21	23.0	18.35	69.20	151.0D	5.7	
3315	1974	08	17	21	22	11.2	12.86	74.20	151.0	4.2	
4071	1978	11	11	21	47	55.7	1.93	78.08	151.0	4.3	
4301	1980	03	27	06	16	47.5	17.31	70.04	151.0	4.6	
4351	1980	07	10	04	25	40.5	18.58	89.68	151.0	4.3	
4731	1981	12	04	01	17	52.1	15.20	71.56	151.0A		
4916	1982	08	12	12	41	41.5	14.17	73.39	151.0A		
4931	1982	08	28	11	58	51.3	15.90	71.52	151.2	4.8	
5221	1984	05	22	23	56	45.6	2.40	77.01	151.4	4.8	
4620	1981	07	29	07	55	29.3	11.11	75.79	151.9		
1016	1963	11	15	00	18	52.4	4.70	76.80	152.0	4.3	
1113	1964	05	17	07	52	58.7	7.90	74.30	152.0	3.9	
1128	1964	06	08	16	55	45.4	8.18	74.34	152.0	3.9	ISC
1366	1965	10	23	16	00	45.0	1.60	81.00	152.0	4.2	
1448	1966	03	15	03	46	18.3	18.00	89.30	152.0	4.2	
1477	1966	05	11	00	01	32.2	7.10	74.50	152.0	4.0	
1516	1966	08	23	00	20	17.8	17.20	70.30	152.0	4.2	
1730	1967	06	03	13	08	6.8	8.50	74.40	152.0	5.2	
2230	1969	08	27	15	55	44.1	17.30	70.09	152.0	4.9	
2304	1970	01	11	22	49	59.3	2.49	77.14	152.0	4.5	
2482	1970	11	23	06	42	42.0	17.60	70.00	152.0	4.4	ISC
3260	1974	05	26	04	09	4.5	15.27	71.68	152.0	3.6	
3278	1974	06	20	03	30	22.8	10.62	74.88	152.0	4.1	
3723	1976	09	25	10	51	20.8	17.66	69.69	152.0		
4020	1978	06	09	07	34	58.8	7.77	74.54	152.0D	5.0	
4674	1981	10	05	10	22	56.3	14.56	74.44	152.0A		
5065	1983	03	13	19	12	15.5	8.35	74.35	152.1	4.8	
5262	1984	09	30	21	31	15.1	8.70	74.39	152.1	5.2	
3871	1977	06	12	11	07	31.6	16.63	72.14	152.4		
5124	1983	08	02	01	15	48.0	15.46	71.92	152.4		
5229	1984	06	12	15	40	9.1	17.98	69.79	152.4		
2848	1972	08	14	03	29	21.0	17.64	69.51	152.6	3.7	
3573	1975	09	30	12	39	47.0	18.80	69.09	152.8		
881	1962	10	20	06	33	29.2	17.20	69.70	153.0		
1992	1968	06	26	06	46	41.0	6.20	76.70	153.0	4.1	ISC
2610	1971	05	23	22	29	18.1	7.61	74.50	153.0D	4.4	
2805	1972	06	21	08	25	16.6	7.82	74.44	153.0D	4.6	
3113	1973	10	04	00	22	4.3	17.59	69.85	153.0	3.6	
3152	1973	11	21	01	13	55.3	8.63	74.44	153.0	4.8	
3337	1974	09	30	20	39	11.0	17.59	69.53	153.0	4.2	
3412	1974	11	07	13	17	37.3	15.41	70.52	153.0	5.4	
3464	1975	01	22	15	07	31.5	7.75	74.47	153.0D	4.6	

## IV-98

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4764	1982	01	05	02	58	1.3	18.89	69.41	153.0		
2598	1971	05	04	22	50	54.2	7.35	79.17	153.6		
5075	1983	04	10	12	50	19.8	18.13	69.29	153.7		
915	1963	03	30	09	23	13.9	1.50	77.70	154.0	4.5	
980	1963	09	20	02	21	29.1	17.40	69.60	154.0	3.7	
1172	1964	10	03	12	49	31.5	10.70	75.30	154.0	4.8	
1470	1966	05	01	16	22	55.5	8.40	74.30	154.0	5.8	6.8 PAS
1517	1966	06	29	00	36	15.6	2.20	77.80	154.0	3.8	
2679	1971	10	28	23	41	56.1	8.04	74.38	154.0	4.9	
3021	1973	05	09	04	06	40.3	17.87	69.20	154.0	3.7	
3474	1975	02	13	13	32	20.3	15.55	72.70	154.0	3.6	
3512	1975	05	07	10	59	53.4	19.85	68.43	154.0	4.1	
4053	1978	09	11	04	21	56.2	2.01	78.11	154.0	4.3	
4306	1980	04	04	06	25	25.4	7.89	74.41	154.0D	5.0	4.0 ISC
4372	1980	09	03	18	48	36.8	1.90	78.05	154.0D	4.8	
4714	1981	11	20	21	07	45.3	17.61	69.45	154.0		
5118	1983	07	21	02	33	28.5	8.56	74.66	154.1	4.7	
1868	1968	01	06	14	32	35.7	8.60	74.30	155.0	4.3	
1953	1968	06	19	14	40	29.0	6.80	78.80	155.0	3.9	ISC
2309	1970	01	26	09	15	6.7	7.75	74.46	155.0G	4.5	
3902	1977	08	20	18	53	55.5	8.62	74.39	155.0D	5.1	
4140	1979	04	18	19	36	30.2	7.71	74.52	155.0D	4.7	
4275	1980	01	31	00	24	34.0	7.62	74.39	155.0D	4.8	
4489	1981	04	03	12	40	29.3	15.64	71.36	155.0		
4724	1981	11	25	17	43	34.0	8.47	74.23	155.7	5.0	
1089	1964	03	25	12	44	59.4	7.50	74.30	156.0	3.8	
1158	1964	08	18	00	26	51.8	7.20	74.40	156.0	5.3	
1536	1966	08	06	14	38	43.7	7.40	74.70	156.0	5.1	
1848	1967	12	08	12	14	39.9	15.50	71.80	156.0	3.8	
2011	1968	07	09	05	13	45.2	2.31	76.67	156.0	4.0	
2033	1968	08	18	06	38	25.8	8.75	78.41	156.0	3.9	
2085	1968	11	25	02	13	5.0	10.94	76.23	156.0	4.7	
2167	1969	05	13	14	29	50.1	17.88	69.59	156.0	4.0	
2673	1971	10	16	21	08	19.9	17.41	69.30	156.0D	4.8	
3542	1975	07	12	06	47	37.5	17.17	69.35	156.0D	5.5	
3780	1977	02	01	14	37	56.8	8.88	74.54	156.0	4.9	
3989	1978	04	14	13	43	49.1	15.63	71.91	156.0	4.6	
4541	1981	05	07	21	45	49.0	18.10	69.64	156.0	4.5	
5234	1984	06	26	16	47	36.0	8.67	74.40	156.3		
4923	1982	08	20	22	03	29.2	14.98	74.15	156.4		
5218	1984	05	11	23	55	43.4	19.18	69.49	156.4	4.8	
1049	1964	01	18	06	53	1.3	17.90	69.50	157.0	3.8	
1360	1965	10	11	00	07	4.8	3.60	77.20	157.0	4.0	

## EARTHQUAKE CATALOG OF PERU

IV-99

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1535	1966	08	02	01	06	20.4	19.80	69.00	157.0	4.0	
1685	1967	03	09	19	56	59.4	17.65	69.68	157.0D	4.3	
1927	1968	06	05	13	53	51.0	7.90	74.42	157.0	4.4	
2650	1971	09	07	08	29	49.6	19.20	68.85	157.0	4.4	
2970	1973	03	05	22	33	38.5	14.70	71.15	157.0	4.5	
2988	1973	03	28	16	48	21.2	7.22	76.51	157.0	4.2	
3247	1974	05	02	22	39	18.8	14.83	71.51	157.0	4.3	
3302	1974	07	26	08	59	47.8	16.27	70.94	157.0	5.0	
4663	1981	09	20	02	54	3.6	8.27	74.37	157.0D	4.7	
5142	1983	09	24	00	43	39.2	8.35	74.17	157.0D	4.7	
5167	1983	12	10	04	51	42.8	17.28	69.79	157.6	4.5	
702	1960	10	01	09	28	56.3	19.90	69.60	158.0		
729	1961	02	04	01	13	7.0	18.30	69.50	158.0		
1139	1964	06	29	08	50	57.1	1.80	78.40	158.0	4.1	
1758	1967	07	08	10	24	56.4	8.79	74.48	158.0	4.6	ISC
1857	1967	12	21	05	17	54.2	18.00	69.30	158.0	4.3	
2154	1969	04	04	03	23	38.4	16.32	71.67	158.0		
2241	1969	09	17	02	48	46.0	17.85	69.63	158.0	3.9	
3953	1977	12	31	07	53	18.0	15.30	71.68	158.0D	5.9	
5028	1982	12	21	04	45	2.8	8.21	74.18	158.1	4.6	
3673	1976	06	01	04	43	25.0	19.66	70.00	158.2		
4784	1982	02	12	09	30	56.9	15.56	73.06	158.2		
4196	1979	07	27	20	57	42.4	15.72	71.43	158.5		
921	1963	04	06	00	42	59.7	18.00	69.90	159.0	4.3	
949	1963	07	02	13	27	34.3	14.70	70.50	159.0	3.9	
1262	1965	04	24	18	29	18.3	17.70	69.60	159.0	4.4	
2069	1968	10	19	00	54	58.7	17.59	69.26	159.0	4.2	
2072	1968	10	27	14	02	54.1	16.95	70.18	159.0	4.5	
2352	1970	05	26	09	47	1.7	15.79	70.50	159.0	4.3	
3309	1974	08	09	04	53	30.7	8.48	74.28	159.0D	5.6	
4294	1980	03	08	02	50	4.0	8.45	74.18	159.0	4.8	
4303	1980	03	28	15	39	39.0	1.77	77.92	159.0D	4.7	
3951	1977	12	22	11	32	0.1	14.45	73.86	159.1		
3964	1978	01	24	20	20	30.7	1.83	78.04	159.1	4.6	GS
3564	1975	08	26	08	07	31.8	18.08	69.37	159.4		
6	1915	06	06	21	29	37.0	18.50	68.50	160.0		7.6 PAS
87	1932	05	30	00	22	45.0	19.00	69.00	160.0		5.8 PAS
131	1936	05	06	03	38	55.0	8.00	75.00	160.0		6.0 PAS
270	1943	07	06	09	40	0.0	17.00	70.00	160.0		5.8 PAS
346	1950	02	07	21	16	16.0	7.20	74.00	160.0		
348	1950	03	18	18	19	12.0	17.70	69.20	160.0		
399	1951	10	22	10	02	47.0	3.00	76.90	160.0		
442	1953	08	16	03	09	55.0	7.10	74.70	160.0		

## IV-100

100 km &lt; h ≤ 300 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
489	1954	07	29	03 23 41.0	18.60	69.40	160.0		
848	1962	06	14	20 18 6.2	1.90	76.90	160.0		
1180	1964	10	25	06 25 48.6	2.00	77.20	160.0	5.3	
1471	1966	05	02	10 55 48.9	8.30	74.10	160.0	4.9	
1483	1966	05	21	07 44 20.1	8.10	74.40	160.0	4.5	
1489	1966	05	31	08 50 19.8	8.40	74.40	160.0	4.8	
1890	1968	03	08	04 08 36.5	2.00	76.80	160.0	4.1	
2424	1970	07	07	06 03 45.6	7.72	74.31	160.0G	4.8	
2926	1972	12	09	00 46 33.3	15.58	71.91	160.0		
3289	1974	07	04	10 38 20.8	8.28	74.11	160.0	4.4	
3295	1974	07	15	02 27 32.5	19.25	68.82	160.0	4.5	
3357	1974	10	04	09 14 30.8	17.67	69.49	160.0		
4326	1980	05	24	05 45 35.0	17.92	69.60	160.0		
5242	1984	07	27	22 53 14.4	15.71	71.41	160.2D	4.7	
3305	1974	07	29	21 47 58.8	4.16	75.63	160.3	4.3	
3675	1976	06	03	03 28 5.2	17.42	69.85	160.4		
4573	1981	06	18	07 14 42.8	8.75	75.06	160.5		
4683	1981	10	13	04 33 7.8	1.73	77.99	160.5	4.4	
4209	1979	08	21	19 44 10.5	17.80	69.21	160.9	5.2	GS
1050	1964	01	21	12 35 0.1	19.70	69.10	161.0	4.1	
1823	1967	10	22	04 40 53.1	17.00	69.90	161.0	4.1	
3804	1977	03	13	21 14 32.2	8.04	74.41	161.0D	5.1	
4772	1982	01	27	17 14 28.0	7.06	74.44	161.0D	5.1	
5215	1984	05	06	18 54 26.2	17.69	69.32	161.3	4.9	
4781	1982	02	05	05 14 36.0	8.12	74.40	161.6	4.9	
1078	1964	03	11	07 19 29.1	2.50	76.60	162.0	3.9	
1322	1965	08	05	02 57 55.4	17.30	69.60	162.0	4.2	
1384	1965	11	30	09 46 11.7	8.20	74.30	162.0	4.9	
1716	1967	05	10	12 48 10.0	16.20	72.00	162.0	4.0	ISC
2692	1971	12	07	17 49 23.7	19.41	68.36	162.0	4.7	
2730	1972	03	22	03 31 56.0	17.86	69.61	162.0	3.6	
2971	1973	03	06	14 50 23.2	15.26	71.24	162.0	5.2	
3202	1974	02	09	02 02 28.2	8.96	75.06	162.0	4.5	
3389	1974	10	14	07 45 17.2	2.38	76.44	162.0	5.1	
3434	1974	12	05	11 57 31.3	7.69	74.45	162.0D	6.0	
5012	1982	11	30	22 11 43.0	8.37	74.30	162.1	5.1	
5144	1983	09	24	22 21 7.9	18.35	69.56	162.2		
3877	1977	06	25	13 25 27.9	19.89	68.46	162.8		
5148	1983	10	20	11 35 18.4	12.47	73.00	162.9	4.3	
1157	1964	08	17	00 59 46.7	12.10	75.30	163.0	3.9	
1209	1964	12	23	11 11 50.9	19.70	68.50	163.0	4.3	
2073	1968	10	30	15 56 23.1	1.37	77.34	163.0	3.9	
4078	1978	12	15	15 25 40.6	16.14	71.69	163.0		

## EARTHQUAKE CATALOG OF PERU

IV-101

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3328	1974	09	16	02	47	15.1	7.97	74.44	163.2		
4599	1981	07	08	01	06	36.7	17.65	69.69	163.4		
1057	1964	02	04	06	24	49.5	4.00	80.40	164.0	4.0	
1150	1964	07	27	04	03	33.2	1.70	77.90	164.0	4.5	
1199	1964	12	06	03	15	37.7	15.40	70.50	164.0	4.6	
1683	1967	03	07	15	30	26.9	1.61	78.27	164.0D	4.2	
2116	1969	01	15	08	19	58.2	6.28	78.35	164.0	4.1	
2287	1969	12	10	09	46	47.6	7.36	74.83	164.0	4.3	
2291	1969	12	16	21	12	44.5	17.44	69.75	164.0	4.0	
2318	1970	02	18	07	35	33.7	16.18	71.63	164.0	4.4	
3353	1974	10	03	23	51	21.8	18.45	68.97	164.0	4.1	
3913	1977	09	20	17	17	59.5	4.05	79.88	164.0	4.7	GS
4909	1982	08	09	04	50	38.6	15.23	71.04	164.4	4.8	
4958	1982	10	04	16	45	49.2	15.08	72.09	164.4		
5152	1983	11	02	04	58	52.5	17.89	69.09	164.6	4.4	
4851	1982	05	14	06	21	59.9	1.45	78.03	164.7	4.0	
865	1962	08	29	12	23	20.8	8.00	73.60	165.0		
1409	1966	01	01	19	51	56.1	7.80	74.70	165.0	4.6	
1486	1966	05	25	23	21	27.6	9.60	77.10	165.0	4.2	
2081	1968	11	11	20	55	3.7	17.77	69.57	165.0	3.8	
3261	1974	05	28	22	49	34.1	8.17	73.88	165.0	4.2	
4419	1980	11	24	11	03	14.5	9.27	74.08	165.0	4.5	
3655	1976	05	10	23	46	46.6	17.89	69.76	165.1		
3920	1977	10	01	23	21	46.3	13.11	76.49	165.1		
4924	1982	08	22	16	14	59.8	19.57	69.35	165.3		
888	1962	11	22	06	53	35.8	1.70	76.90	166.0		
1059	1964	02	05	04	13	26.7	14.30	73.70	166.0	3.1	
1368	1965	10	30	08	37	21.7	2.40	77.90	166.0	4.1	
1561	1966	09	09	04	04	5.0	8.30	74.20	166.0	5.0	
2205	1969	07	15	16	56	50.7	8.41	74.42	166.0	4.7	
3933	1977	11	03	05	05	9.6	1.82	77.76	166.0	4.7	
4816	1982	03	25	18	34	35.6	15.16	71.72	166.0		
4805	1982	03	09	17	12	16.6	17.46	69.56	166.7	4.9	
4908	1982	08	08	06	02	26.6	1.84	77.97	166.9	4.3	
1111	1964	05	14	11	30	13.9	15.30	70.60	167.0	4.0	
1266	1965	05	01	23	45	31.5	1.70	77.90	167.0	3.9	
1316	1965	07	30	16	32	36.9	1.50	78.10	167.0	4.7	
1427	1966	02	05	23	34	35.4	19.00	69.20	167.0	5.1	
1431	1966	02	09	20	30	23.2	1.70	77.90	167.0	4.9	
1555	1966	09	03	22	42	17.9	3.60	77.80	167.0	4.0	
1815	1967	10	06	14	45	19.4	1.50	77.80	167.0	4.1	
2663	1971	09	29	05	48	15.1	1.81	77.93	167.0	4.4	
3436	1974	12	06	06	52	49.4	7.84	74.82	167.0	4.4	

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3670	1976	05	26	01	12	17.4	17.71	69.69	167.0		
4167	1979	06	02	01	32	51.0	1.70	77.94	167.0D	4.5	
4375	1980	09	14	23	41	58.1	1.83	78.05	167.0	4.3	
1279	1965	05	28	02	07	26.3	19.03	68.80	168.0	3.6	ISC
1539	1966	08	09	15	02	32.8	17.40	69.60	168.0	3.8	
1874	1968	01	22	03	44	58.9	8.40	74.20	168.0	4.4	
2696	1971	12	21	10	52	19.0	1.38	77.73	168.0	4.4	
3100	1973	09	08	07	46	52.7	8.34	74.18	168.0D	5.6	
3688	1976	06	22	16	41	9.9	15.93	76.14	168.0A		
4063	1978	10	24	04	40	53.0	8.25	74.40	168.0	4.2	
4080	1978	12	18	13	37	31.2	1.42	77.63	168.0	4.4	
4083	1978	12	22	18	47	39.7	8.39	74.09	168.0	4.4	
4358	1980	07	25	00	11	43.1	8.06	74.52	168.0	4.6	
3575	1975	10	08	00	09	13.5	17.88	69.43	168.1	3.7	GS
1413	1966	01	12	08	02	9.2	2.30	77.10	169.0	4.7	
2810	1972	07	01	09	17	8.9	10.61	74.98	169.0	4.4	
3093	1973	08	26	01	23	28.3	17.86	69.43	169.0	4.7	
3125	1973	10	19	17	54	5.7	17.78	69.35	169.0	3.9	
3452	1974	12	25	19	25	27.8	2.59	76.79	169.0	4.0	
3752	1976	11	16	07	53	47.4	15.52	72.37	169.0A		
4040	1978	08	02	07	32	53.3	17.27	69.50	169.0	4.5	
4852	1982	05	20	12	10	50.2	1.57	78.01	169.0D	5.1	
3734	1976	10	09	19	41	41.1	15.62	71.80	169.6A		
4429	1980	12	14	22	57	50.3	11.02	74.19	169.7	4.6	GS
99	1933	08	09	23	02	45.0	15.50	68.50	170.0		6.3 PAS
761	1961	06	27	03	07	47.8	8.60	74.40	170.0		
990	1963	10	12	12	15	20.5	17.00	69.50	170.0	3.8	
1006	1963	11	06	01	28	46.6	4.20	77.70	170.0	4.1	
1030	1963	12	16	16	41	9.5	1.60	78.00	170.0	4.8	
1168	1964	09	29	18	46	15.3	8.60	74.50	170.0	4.1	
1252	1965	03	28	00	09	31.5	19.00	69.20	170.0	4.1	
2038	1968	08	26	17	24	35.0	17.63	69.56	170.0	4.1	
2351	1970	05	22	20	41	56.9	1.67	78.02	170.0	4.5	
2475	1970	11	14	19	01	9.3	1.73	77.94	170.0D	4.6	
2606	1971	05	20	22	04	36.3	1.58	77.81	170.0D	4.6	
3014	1973	04	30	03	21	12.2	17.43	69.54	170.0	4.0	
3210	1974	02	25	02	45	21.9	1.62	78.00	170.0D	4.3	
3798	1977	03	09	19	27	0.3	14.47	76.38	170.0A		
3960	1978	01	18	05	33	58.4	8.70	74.31	170.0	5.0	
4521	1981	04	25	10	42	43.3	8.82	74.49	170.0	5.1	
3114	1973	10	07	04	29	57.4	15.43	71.20	170.1		
4787	1982	02	14	12	54	23.8	14.30	72.39	170.3		
4198	1979	07	31	05	07	27.9	19.80	69.25	170.8		

## EARTHQUAKE CATALOG OF PERU

IV-103

100 km &lt; h ≤ 300 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
982	1963	09	20	22 11 32.2	17.80	68.80	171.0	5.1	
1292	1965	06	24	16 54 2.2	15.50	70.20	171.0	4.3	
1308	1965	07	14	13 37 36.7	17.10	69.30	171.0	4.2	
2842	1972	07	29	16 02 47.5	1.50	77.93	171.0D	4.7	
4481	1981	03	26	02 46 46.0	1.64	77.87	171.0	4.5	
4846	1982	05	08	01 25 15.2	1.69	78.01	171.0	4.9	
5037	1982	12	31	17 09 8.2	1.55	78.04	171.0D	4.6	
4814	1982	03	23	01 58 40.3	17.39	69.67	171.1	4.7	
3504	1975	04	23	11 42 36.8	19.02	69.61	171.4A		
4439	1980	12	27	07 52 2.8	17.11	69.79	171.6		
3350	1974	10	03	21 23 35.1	17.49	69.43	171.8	4.3	GS
5273	1984	12	14	17 04 29.6	19.59	69.62	171.9		
1629	1966	11	13	14 24 39.8	8.30	74.20	172.0	4.9	
2179	1969	05	31	11 07 17.1	1.75	77.74	172.0	5.1	4.8 BRK
2689	1971	11	27	22 26 47.5	1.73	77.82	172.0	4.6	
5038	1983	01	01	05 31 56.1	16.94	69.11	172.0D	5.7	
								6.2 PAS	
								5.7 BRK	
3938	1977	11	12	16 57 58.2	1.75	77.74	172.2	4.5	GS
1160	1964	08	24	10 37 23.4	1.50	78.10	173.0	5.1	
1476	1966	05	09	01 31 58.4	17.90	69.20	173.0	4.2	
2103	1968	12	27	02 04 51.4	17.29	69.40	173.0	4.9	
2151	1969	03	30	20 14 6.6	1.97	77.14	173.0D	4.7	
2200	1969	07	10	08 03 11.3	17.23	69.69	173.0	3.9	
4101	1979	01	22	06 19 8.9	17.74	69.50	173.0		
979	1963	09	19	21 10 17.8	18.10	69.30	174.0	4.2	
1007	1963	11	06	18 33 25.9	16.70	69.70	174.0	4.7	
1212	1965	01	01	20 59 20.1	19.30	69.60	174.0	4.2	
1680	1967	03	01	20 33 38.0	19.39	69.56	174.0	3.8	
2695	1971	12	21	01 07 19.8	2.02	77.43	174.0	4.5	
2967	1973	03	03	06 28 23.6	14.94	71.13	174.0	4.5	
3139	1973	11	05	05 41 34.4	8.34	74.34	174.0	4.6	
3431	1974	11	26	04 46 47.6	19.93	68.51	174.0	5.1	
3567	1975	09	02	06 09 50.4	17.84	69.34	174.0		
4135	1979	03	26	16 07 0.6	1.45	77.43	174.0	4.4	
5245	1984	07	30	05 14 19.2	8.35	79.64	174.1	4.3	
739	1961	03	24	02 13 14.1	8.50	74.70	175.0		
843	1962	04	24	16 06 23.7	2.20	76.10	175.0		
1154	1964	08	09	08 26 56.5	1.70	78.80	175.0	3.8	
2147	1969	03	25	04 33 23.2	16.78	69.85	175.0		
2277	1969	11	11	10 54 58.3	14.42	70.89	175.0	4.2	
2746	1972	04	09	21 42 20.1	1.47	77.94	175.0	4.6	
3757	1976	11	28	10 04 25.8	17.43	69.50	175.0		



100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3943	1977	11	23	20	57	17.0	17.67	69.39	175.0		
4059	1978	10	11	22	44	28.7	16.17	71.49	175.0	4.8	
5024	1982	12	16	14	07	35.6	14.38	70.54	175.1	5.2	
3545	1975	07	23	19	28	38.3	17.55	69.56	175.7		
974	1963	09	10	07	36	8.7	14.60	73.60	176.0	4.0	
985	1963	10	02	15	51	48.2	1.70	76.00	176.0	3.7	
2605	1971	05	17	11	04	7.1	1.60	77.70	176.0D	5.7	6.5 PAS
2744	1972	04	06	15	26	15.3	1.49	77.90	176.0	5.2	
3116	1973	10	09	07	41	44.8	17.44	69.50	176.0	4.9	
3300	1974	07	24	13	42	59.3	15.33	71.10	176.0	4.6	
3532	1975	06	15	17	59	16.7	8.43	74.19	176.0	4.7	
4332	1980	05	29	23	21	10.7	17.19	69.57	176.0	4.5	
5166	1983	12	03	18	39	50.6	17.59	69.50	176.2		
3957	1978	01	07	12	06	9.1	10.80	74.08	176.7		
1202	1964	12	07	15	55	56.8	6.40	76.20	177.0	4.7	
1697	1967	03	31	08	24	3.5	2.34	76.39	177.0	3.9	
1880	1968	02	05	01	35	58.4	16.00	69.00	177.0	3.9	
2102	1968	12	26	02	51	29.0	16.58	69.46	177.0	3.9	
2178	1969	05	28	13	30	8.9	2.09	76.93	177.0D	5.5	5.4 BRK
2240	1969	09	15	07	14	25.8	18.55	69.02	177.0D	5.2	
3032	1973	06	04	13	14	29.8	1.31	77.79	177.0	4.3	
3832	1977	05	07	17	58	29.0	17.41	69.47	177.0		
3931	1977	11	02	14	33	15.5	5.73	75.33	177.0A		
4024	1978	06	24	06	37	35.0	14.90	70.67	177.0	4.8	4.7 ISC
5220	1984	05	14	03	20	15.8	14.99	71.48	177.1	4.8	
3396	1974	10	21	11	21	39.0	2.35	76.43	177.4	3.8	GS
3754	1976	11	20	17	34	40.6	17.72	69.50	177.8		
3106	1973	09	20	00	00	22.5	4.17	78.32	177.9		
896	1963	01	05	11	05	8.2	7.40	73.40	178.0		
977	1963	09	17	07	34	38.7	1.50	77.90	178.0	4.0	
1317	1965	07	30	22	58	44.9	16.60	69.50	178.0	3.9	
1386	1965	12	03	01	01	55.9	15.70	72.00	178.0		
2035	1968	08	22	20	38	13.6	15.35	70.86	178.0	4.5	
2486	1970	12	09	16	28	33.4	1.40	77.66	178.0D	5.0	
3027	1973	05	27	23	53	26.5	17.41	69.44	178.0	3.7	
3496	1975	04	10	05	20	59.4	14.62	70.61	178.0	4.3	
4232	1979	10	17	03	24	19.0	10.79	74.60	178.0		
4534	1981	05	02	06	30	55.1	15.28	72.18	178.0		
4906	1982	08	07	22	44	36.2	1.64	77.85	178.0	4.3	
5180	1984	01	04	10	10	54.1	17.17	69.29	178.0	5.0	
943	1963	06	24	01	21	3.5	15.30	69.40	179.0	4.0	
1271	1965	05	09	05	56	40.3	17.70	69.20	179.0	4.0	
1364	1965	10	18	12	57	14.7	19.20	69.50	179.0	4.5	

## EARTHQUAKE CATALOG OF PERU

IV-105

100 km &lt; h ≤ 300 km

NO.	DATE <i>yr mo dy</i>	TIME <i>hr mn sec</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	DEP <i>(km)</i>	MAGNITUDE	
						<i>mb</i>	<i>Ms</i>
1472	1966 05 02	21 28 51.1	17.00	69.60	179.0	4.1	
3566	1975 08 28	10 18 20.0	19.70	68.75	179.2	4.2	GS
3648	1976 04 25	16 36 37.5	15.78	73.48	179.8		
3141	1973 11 08	05 24 15.0	7.29	74.61	179.9	4.5	
38	1925 06 23	16 46 58.0	0.00	77.00	180.0		6.8 PAS
140	1937 07 09	17 27 40.0	16.00	72.00	180.0		6.0 PAS
1198	1964 12 03	17 10 59.0	19.50	69.20	180.0	4.2	
1414	1966 01 13	14 17 10.6	8.30	74.10	180.0	5.1	
1833	1967 11 06	22 12 40.8	11.50	75.60	180.0	4.0	
2986	1973 03 26	20 37 47.4	17.22	69.35	180.0	4.2	
3546	1975 07 29	01 12 47.3	1.44	77.87	180.0	4.6	
4977	1982 10 22	23 12 48.3	9.08	74.50	180.8	4.0	
882	1962 11 01	11 31 48.7	1.50	77.80	181.0		
1738	1967 06 11	06 53 29.8	8.20	74.20	181.0	4.0	
3164	1973 12 10	19 28 13.2	1.44	77.74	181.0D	5.3	
3770	1977 01 13	03 27 22.2	1.54	77.67	181.0	4.7	
1519	1966 07 03	20 39 52.7	17.00	69.50	182.0	3.9	
2433	1970 07 17	17 49 59.5	1.79	77.26	182.0	4.9	
2792	1972 06 07	15 00 9.7	17.42	69.35	182.0	4.1	
3524	1975 06 05	20 29 36.4	16.34	69.10	182.0	5.6	
4067	1978 11 09	00 36 56.3	1.42	77.89	182.0	4.8	
3812	1977 03 24	23 04 28.9	17.00	69.56	182.6		
4491	1981 04 10	03 59 42.9	16.16	72.15	182.7		
4837	1982 04 20	12 36 48.8	18.12	69.32	182.9		
1816	1967 10 06	16 16 6.8	8.30	74.00	183.0	4.0	
2568	1971 01 21	13 23 11.1	17.06	69.23	183.0	5.5	
5086	1983 04 22	21 17 29.8	17.69	69.32	183.3		
4350	1980 07 05	04 38 43.7	19.17	69.32	183.5		
4826	1982 04 12	09 12 23.1	6.76	77.06	183.6	3.8	
799	1961 10 06	09 02 42.6	18.20	69.50	184.0		
1411	1966 01 04	12 48 13.4	15.30	70.90	184.0	5.4	
2097	1968 12 07	20 12 6.9	17.16	69.79	184.0	3.8	
2263	1969 10 10	04 23 46.7	9.96	73.30	184.0	4.0	
4853	1982 05 23	08 36 29.1	17.11	69.66	184.1		
4277	1980 02 05	16 50 43.6	19.20	68.27	184.2		
2813	1972 07 03	11 19 9.8	15.11	71.01	184.6		
4864	1982 06 03	06 43 50.8	18.89	68.02	184.8	5.2	
782	1961 08 28	06 28 19.4	15.20	70.20	185.0		
2034	1968 08 22	02 47 34.6	6.31	76.75	185.0	3.7	
2066	1968 10 12	07 54 37.8	1.60	77.65	185.0	4.4	
2284	1969 12 04	23 52 44.4	15.28	70.34	185.0	4.2	
2698	1972 01 06	13 29 37.3	16.18	70.44	185.0	4.1	
3625	1976 02 19	02 28 32.4	1.45	77.73	185.0	4.5	

## IV-106

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3765	1976	12	22	11	07	58.1	15.32	70.30	185.0	4.6	
4951	1982	09	22	07	53	39.2	1.76	77.36	185.6	4.5	
2597	1971	05	05	05	27	30.5	1.94	78.28	185.7		
2948	1973	01	25	13	06	8.9	1.44	77.62	186.0	4.7	
3635	1976	03	19	08	21	52.3	1.29	77.75	186.0	4.9	
4323	1980	05	16	04	52	53.8	7.92	73.75	186.0D	5.3	4.0 ISC
5217	1984	05	09	17	44	4.3	8.77	74.35	186.3	4.5	
3690	1976	06	26	14	13	59.2	16.84	69.73	186.6	5.3	GS
1331	1965	08	22	10	39	27.7	2.30	76.90	187.0	4.1	
4225	1979	10	08	02	25	1.4	18.08	68.70	187.0	4.8	
4236	1979	11	04	13	58	14.4	16.83	69.51	187.0	4.6	
4090	1978	12	28	09	55	7.5	8.15	74.65	187.4		
826	1962	02	27	14	03	31.5	18.90	68.40	188.0		
970	1963	08	27	12	56	55.2	17.70	70.10	188.0	4.2	
1374	1965	11	13	19	02	21.6	1.60	77.60	188.0	4.8	
1650	1966	12	16	09	01	27.9	16.30	72.50	188.0		
2740	1972	04	04	14	46	47.4	17.12	68.50	188.0	4.4	
4160	1979	05	27	20	25	52.6	16.93	69.54	188.0		
4502	1981	04	14	20	08	2.0	15.22	72.07	188.0		
4528	1981	04	29	17	51	45.3	1.43	77.38	188.0	4.1	
3428	1974	11	19	03	33	6.8	17.84	69.88	188.6	3.9	GS
1376	1965	11	19	09	52	37.6	2.00	77.60	189.0	4.2	
2054	1968	09	14	18	53	19.9	15.12	70.76	189.0	4.4	
3168	1973	12	29	23	43	51.4	16.82	69.79	189.0	4.2	
4097	1979	01	17	02	12	50.9	1.24	77.78	189.0	4.8	
4137	1979	04	06	02	41	20.8	1.68	77.69	189.0	4.5	
4733	1981	12	06	04	31	7.6	1.40	77.65	189.0D	4.7	
3659	1976	05	16	01	49	24.3	3.86	76.55	189.5	4.4	
141	1937	07	19	19	35	24.0	1.50	76.50	190.0		7.1 PAS
261	1943	02	16	07	28	35.0	15.00	72.00	190.0		7.0 PAS
822	1962	01	25	07	26	4.6	15.70	69.60	190.0		
1235	1965	02	11	16	10	30.4	1.40	77.80	190.0	5.1	
1318	1965	07	31	10	38	51.3	19.40	68.80	190.0	3.9	
1479	1966	05	14	11	07	25.9	15.70	68.90	190.0	3.9	
3212	1974	03	05	17	15	4.4	17.83	68.60	190.0	4.5	
4390	1980	10	08	22	01	34.8	1.38	77.89	190.0D	5.5	5.0 ISC
5276	1984	12	27	08	07	44.6	1.43	77.84	190.4	4.8	
3944	1977	11	24	16	42	20.2	15.30	71.17	190.8	4.7	GS
344	1950	01	13	10	10	54.0	18.30	69.20	191.0		
1343	1965	09	17	11	13	56.4	1.50	77.70	191.0	6.2	6.5 PAS
2037	1968	08	25	01	39	16.7	6.34	77.11	191.0	3.8	
2065	1968	09	30	00	37	36.6	18.18	68.89	191.0	3.8	
2932	1972	12	19	02	43	41.0	4.83	77.10	191.0	4.1	

## EARTHQUAKE CATALOG OF PERU

IV-107

100 km &lt; h ≤ 300 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3306	1974	07	30	00 43 2.8	2.83	78.99	191.0	4.2	
3696	1976	07	15	23 05 15.5	1.35	77.78	191.0	4.5	
4243	1979	12	01	01 30 17.4	17.82	68.74	191.0	4.8	
3107	1973	09	21	00 07 4.0	6.05	80.21	191.6		
5136	1983	09	08	04 34 50.2	1.57	77.79	191.9	4.4	
370	1950	10	30	10 22 48.0	17.40	71.00	192.0		
379	1950	12	30	13 02 19.0	1.80	77.70	192.0		
386	1951	05	16	13 23 11.0	15.00	69.50	192.0		
426	1953	02	14	22 10 21.0	1.80	77.70	192.0		
1164	1964	09	14	10 48 17.7	17.90	69.70	192.0	3.5	
1314	1965	07	30	12 11 7.0	15.10	70.80	192.0	4.1	
1782	1967	08	06	08 07 20.7	17.00	69.50	192.0	4.0	
2120	1969	01	29	11 09 18.4	5.90	80.10	192.0	3.6	ISC
2704	1972	01	21	02 05 44.4	16.31	70.08	192.0	3.8	
3029	1973	05	29	16 38 44.8	8.47	73.97	192.0	4.6	
3213	1974	03	06	21 45 40.0	16.42	68.48	192.0	3.7	
4360	1980	07	29	11 43 44.6	1.45	77.77	192.0	4.5	
4535	1981	05	02	17 46 59.7	14.97	74.05	192.5		
1255	1965	03	31	16 50 19.0	2.13	77.17	193.0	3.8	ISC
1263	1965	04	26	08 39 3.9	1.30	77.80	193.0	4.8	
4032	1978	07	22	07 40 3.2	1.28	77.71	193.0	4.6	
850	1962	06	21	15 40 23.4	1.20	77.40	194.0		
1037	1963	12	30	06 52 24.0	19.20	69.40	194.0	3.8	
1990	1968	06	26	05 17 33.2	6.40	77.20	194.0	3.8	ISC
4801	1982	03	06	01 27 31.5	1.38	77.69	194.0	4.7	
880	1962	10	12	00 10 4.8	4.10	80.30	195.0		
1480	1966	05	15	20 16 4.1	1.50	78.00	195.0	4.1	
1659	1967	01	03	04 55 57.5	1.25	77.68	195.0	4.3	
4518	1981	04	23	15 39 14.3	14.86	70.84	195.0	4.9	
4996	1982	11	18	14 57 52.4	1.72	76.70	195.0D	6.0	
								6.4	PAS
								6.1	BRK
5063	1983	03	11	08 07 8.3	16.16	70.48	195.7	4.3	
3617	1976	01	20	17 44 17.8	15.65	70.90	195.9	4.1	GS
1423	1966	01	31	13 54 27.2	1.50	78.00	196.0	4.6	
1928	1968	06	11	14 41 25.0	2.87	79.08	196.0	3.7	
3756	1976	11	26	23 43 40.8	1.42	77.67	196.0	4.8	
3843	1977	05	13	05 03 33.0	16.58	69.46	196.0		
4145	1979	04	30	01 04 20.4	1.42	77.64	197.0	4.5	
3810	1977	03	24	11 56 40.2	13.17	75.38	197.6		
1385	1965	12	02	00 36 29.5	16.50	69.60	198.0	5.2	
1710	1967	04	24	14 54 42.2	6.31	80.39	198.0	4.2	
2331	1970	03	09	13 52 15.8	16.53	69.61	198.0	4.6	

## IV-108

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4382	1980	09	21	00	39	41.4	1.96	78.43	198.2		
3669	1976	05	25	18	26	44.4	17.79	68.82	198.6	3.9	GS
1044	1964	01	08	14	34	52.5	19.30	69.00	199.0	3.9	
1299	1965	07	03	16	32	30.3	18.00	68.00	199.0	3.9	
1760	1967	07	13	21	01	35.7	1.50	77.40	199.0	4.6	
4460	1981	02	14	04	28	10.0	15.02	70.14	199.0	4.8	
4463	1981	02	18	23	24	56.5	1.75	77.33	199.0	4.5	
36	1925	01	05	13	45	46.0	14.00	73.50	200.0		3.9 ISC
198	1940	10	06	15	35	42.0	17.80	70.40	200.0		6.5 PAS
199	1940	10	12	02	58	54.0	17.80	70.40	200.0		
200	1940	10	15	07	54	18.0	17.80	70.40	200.0		
276	1944	02	29	03	41	53.0	14.50	70.50	200.0		7.0 PAS
304	1945	10	02	22	40	32.0	15.00	71.00	200.0		
326	1949	04	17	02	25	35.0	16.00	69.00	200.0		
340	1949	09	18	12	45	57.0	18.00	69.00	200.0		
380	1951	01	02	23	12	4.0	9.50	79.50	200.0		
382	1951	03	11	09	08	14.0	14.00	70.00	200.0		
546	1957	01	14	05	36	3.0	20.00	69.00	200.0		
557	1957	05	19	22	41	3.0	8.00	74.00	200.0		
600	1958	08	18	23	26	41.0	9.50	73.75	200.0		
602	1958	09	22	11	32	54.0	1.50	77.00	200.0		
603	1958	10	07	15	24	27.0	16.00	69.00	200.0		
614	1959	01	26	17	46	51.0	1.00	77.00	200.0		
634	1959	05	14	19	59	0.0	20.00	68.00	200.0		
642	1959	07	01	10	32	29.0	16.50	69.50	200.0		
644	1959	07	05	15	53	37.0	8.00	74.00	200.0		
648	1959	07	19	15	06	10.0	15.00	70.50	200.0		7.0 PAS
649	1959	07	19	15	36	17.0	15.50	71.00	200.0		
667	1960	01	13	15	40	34.0	16.00	72.00	200.0		7.5 PAS
672	1960	02	08	19	06	16.0	8.50	74.50	200.0		
686	1960	07	09	02	05	39.0	15.00	70.50	200.0		
690	1960	07	30	07	15	15.0	2.50	77.50	200.0		
1461	1966	04	06	03	51	26.6	16.60	69.70	200.0	3.6	
1548	1966	08	24	20	10	8.6	1.50	77.50	200.0	4.9	
3807	1977	03	19	06	28	18.7	1.55	77.65	200.0	4.4	
4255	1979	12	27	11	53	43.9	15.13	70.90	200.0	4.6	
736	1961	03	16	23	31	27.2	10.50	74.90	201.0		
1397	1965	12	12	22	25	14.7	1.50	77.60	201.0	5.6	
1923	1968	05	25	04	00	24.0	19.84	68.50	201.0	4.0	
2177	1969	05	28	09	52	35.8	1.23	77.26	201.0	4.0	
2247	1969	09	28	14	42	15.7	16.68	69.52	201.0	3.8	
3597	1975	11	28	21	37	18.9	15.27	70.64	201.0	4.7	
4279	1980	02	06	18	35	3.5	17.86	69.31	201.8		

## EARTHQUAKE CATALOG OF PERU

IV-109

100 km &lt; h ≤ 300 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3885	1977	07	22	20 45 48.4	15.56	69.93	202.0	5.0	
4943	1982	09	11	03 42 56.4	15.80	70.81	202.1		
2096	1968	12	04	18 04 12.3	15.48	70.46	203.0	4.3	
2136	1969	03	04	00 11 39.0	6.32	76.73	203.0	4.5	
2312	1970	02	02	02 10 12.6	16.00	71.00	203.0	4.5	ISC
4672	1981	10	04	20 03 53.0	1.55	77.36	203.6	5.2	
1047	1964	01	12	23 33 40.9	19.30	69.30	204.0	4.2	
2180	1969	05	31	15 54 45.0	16.72	69.93	204.0	3.9	
3465	1975	01	23	10 44 37.0	15.55	70.85	204.0	4.2	
3584	1975	10	23	09 00 59.1	15.97	71.00	204.0	4.2	
4107	1979	02	15	20 49 19.7	16.39	69.76	204.0	4.6	
3912	1977	09	19	11 42 50.8	16.93	69.77	205.0		
4542	1981	05	09	02 56 7.9	8.33	75.07	205.0A		
1315	1965	07	30	13 35 21.4	19.30	69.10	206.0	3.9	
2950	1973	01	29	07 51 37.9	16.88	69.69	206.0	3.8	
4007	1978	05	16	09 00 9.6	16.72	69.56	206.0	4.3	
4592	1981	06	28	18 30 11.6	16.27	69.96	206.3	4.9	
2782	1972	05	25	21 59 18.4	7.22	76.38	207.1		
821	1962	01	10	02 55 1.2	17.10	68.00	208.0		
4155	1979	05	21	22 22 23.6	15.25	70.09	208.0	6.0	6.2 BRK
1375	1965	11	16	06 09 2.7	17.20	69.00	209.0	3.7	
2204	1969	07	15	08 49 35.3	16.54	69.53	209.0	4.1	
4122	1979	02	27	08 16 58.9	15.66	70.60	209.4		
5160	1983	11	18	05 03 5.4	16.44	69.89	209.8		
725	1961	01	25	18 24 46.7	8.50	74.00	210.0		
2945	1973	01	15	16 30 25.0	15.70	70.34	210.0	4.4	
1478	1966	05	13	01 35 19.9	15.40	70.80	211.0	4.3	
3687	1976	06	22	14 07 4.1	17.16	69.52	211.1		
1648	1966	12	14	05 39 31.4	15.70	70.60	212.0	3.8	
1911	1968	04	26	11 54 47.7	14.40	70.50	212.0	4.9	
3249	1974	05	11	00 13 51.5	15.51	70.58	212.0	4.0	
5021	1982	12	12	10 42 49.6	15.56	70.68	212.2	4.9	
1344	1965	09	19	01 45 1.7	1.70	77.50	213.0	4.6	
1682	1967	03	05	10 13 30.1	1.43	77.81	213.0	3.7	
1708	1967	04	21	22 57 43.4	16.47	69.68	213.0	4.3	
3654	1976	05	10	05 25 36.9	14.77	70.83	213.0	4.3	
1526	1966	07	21	05 54 11.9	15.20	70.80	214.0	4.0	
2022	1968	07	27	23 18 28.7	16.34	69.24	214.0	4.2	
4220	1979	09	15	10 02 13.1	15.63	69.56	214.0	5.6	4.3 ISC
4423	1980	12	07	02 04 23.4	18.14	69.69	214.1		
4979	1982	10	23	05 56 41.3	15.49	70.40	214.2	4.3	
815	1961	12	23	21 18 12.5	19.90	68.30	215.0		
1100	1964	04	25	11 46 14.0	15.60	70.40	215.0	4.0	

## IV-110

100 km &lt; h ≤ 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1571	1966	09	27	15	24	4.3	18.40	68.50	215.0	3.9	
1644	1966	12	09	10	06	54.6	14.20	70.10	215.0	4.9	
1895	1968	03	18	17	55	20.6	3.31	75.30	215.0	3.8	ISC
1981	1968	06	23	11	26	19.0	15.38	70.41	215.0	4.4	
3668	1976	05	25	05	02	8.7	15.60	70.29	215.9		
2080	1968	11	09	23	23	36.2	1.23	77.52	216.0D	4.5	
5250	1984	08	09	02	00	40.9	8.33	74.54	217.5		
4042	1978	08	06	06	08	2.1	15.75	74.02	217.9		
4054	1978	09	20	23	07	42.7	1.66	77.92	218.0		
959	1963	07	30	17	24	34.9	15.70	71.10	219.0	3.7	
1301	1965	07	06	11	44	47.9	19.50	68.60	219.0	4.0	
1474	1966	05	07	02	19	34.0	15.20	68.80	219.0	3.6	
3593	1975	11	08	10	34	8.1	3.39	79.01	219.5		
4174	1979	06	09	06	18	31.2	18.25	69.36	219.5		
2872	1972	09	17	18	42	52.8	7.83	75.54	219.7		
1957	1968	06	19	18	54	51.0	6.60	77.20	220.0	3.9	ISC
3228	1974	04	01	09	30	13.3	15.51	70.47	220.1		
5264	1984	10	17	00	20	44.3	15.98	69.53	220.1D	5.0	
4666	1981	09	26	01	02	11.3	11.70	73.41	220.3A		
4554	1981	05	23	07	01	59.5	8.55	74.61	222.9A		
4880	1982	07	10	06	58	34.9	15.87	70.71	222.9		
205	1941	04	15	16	34	35.0	16.40	71.00	223.0		
404	1952	02	12	01	58	29.0	8.50	74.00	223.0		
458	1954	04	09	06	17	37.0	15.00	69.50	223.0		
2899	1972	10	24	10	03	40.0	15.59	70.37	223.0	4.1	
4800	1982	03	03	21	30	29.7	4.65	81.02	223.7		
1233	1965	01	29	04	35	49.0	18.90	70.90	224.0	3.9	ISC
1987	1968	06	25	03	03	4.0	6.20	76.50	224.0	3.7	ISC
2598	1971	05	07	23	05	38.4	15.74	70.40	224.2A		
5255	1984	08	26	00	22	51.6	16.23	69.51	224.8D	5.2	
4654	1981	09	10	19	41	60.0	8.62	77.11	226.8	4.2	
1336	1965	09	07	16	30	27.4	4.40	80.50	227.0	4.2	
4348	1980	06	29	19	41	39.2	1.43	77.31	227.0		
2058	1968	09	20	22	39	14.6	5.02	80.04	228.0	3.9	
1361	1965	10	11	20	41	4.2	10.80	75.00	229.0	3.6	
203	1940	12	22	18	59	46.0	15.50	68.50	230.0		7.1 PAS
987	1963	10	06	20	45	42.1	15.40	69.90	230.0	3.7	
1933	1968	06	18	11	35	15.9	19.77	69.66	230.0G	4.7	
3296	1974	07	16	02	03	39.7	15.73	70.29	230.0	4.8	
3739	1976	10	16	18	07	29.3	15.72	70.24	230.0	4.7	
4713	1981	11	19	01	13	41.9	2.04	78.14	230.9	4.6	
1117	1964	05	23	16	42	6.1	16.00	69.00	231.0	4.1	
1242	1965	03	05	07	18	30.6	4.02	79.40	231.0	3.8	ISC

## EARTHQUAKE CATALOG OF PERU

IV-111

100 km &lt; h ≤ 300 km

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
4156	1979	05	22	23 54 34.5	15.72	70.22	231.0	4.4	
2982	1973	03	18	18 09 8.9	8.84	74.80	231.3		
3639	1976	03	24	19 31 16.7	13.78	68.41	231.5		
4287	1980	03	02	15 19 51.4	16.43	69.85	231.5		
3188	1974	01	25	07 26 50.0	16.48	69.85	233.0	3.6	
737	1961	03	17	03 39 27.2	18.00	69.00	234.0		
1045	1964	01	10	05 37 22.5	15.80	70.30	234.0	4.2	
1832	1967	11	05	21 38 52.0	16.20	69.40	235.0	3.8	
2465	1970	10	20	16 19 1.3	15.58	70.18	235.0G	4.7	
3211	1974	03	05	00 55 45.0	6.46	77.71	235.0	4.0	
1225	1965	01	16	20 28 8.1	19.70	68.70	236.0	4.1	
1138	1964	06	28	05 52 34.6	13.40	71.50	237.0	3.8	
2761	1972	04	28	08 48 43.9	5.21	80.86	237.3	4.4	
3809	1977	03	23	13 49 46.8	15.95	76.29	238.8		
4192	1979	07	06	13 45 39.9	15.07	70.50	239.0D	4.7	
993	1963	10	22	04 18 14.5	16.00	70.50	240.0	3.9	
2137	1969	03	05	00 57 55.1	19.84	69.10	240.0	4.0	ISC
3981	1978	03	26	18 35 55.2	16.55	70.94	240.0	4.4	
4791	1982	02	24	09 57 49.2	8.95	74.59	240.5	4.2	
4474	1981	03	13	18 18 19.4	14.70	70.32	241.0D	5.0	
1204	1964	12	09	19 12 21.1	1.10	77.40	242.0	4.5	
1348	1965	09	21	05 34 45.4	1.70	77.50	245.0	3.8	
1369	1965	10	31	04 02 25.7	1.60	77.60	245.0	4.7	
751	1961	05	06	03 55 23.3	20.00	68.50	247.0		
1543	1966	08	21	08 48 7.1	15.50	70.20	247.0	3.8	
4099	1979	01	19	06 56 15.3	8.76	73.78	247.0		
1153	1964	08	04	21 03 7.0	15.70	70.10	248.0	3.7	
35	1924	07	22	04 04 18.0	2.00	80.00	250.0		6.5 PAS
71	1928	09	21	13 27 5.0	15.00	70.50	250.0		6.8 PAS
125	1935	09	19	09 55 47.0	15.50	70.00	250.0		6.5 PAS
290	1945	05	10	01 57 35.0	18.50	70.00	250.0		
786	1961	08	30	17 42 30.3	15.70	69.40	250.0		
1325	1965	08	09	07 53 18.0	3.10	79.50	251.0	3.8	
2429	1970	07	12	18 13 54.8	15.68	69.46	252.0	5.0	
4133	1979	03	19	12 39 31.4	15.88	69.33	252.0	4.7	
4662	1981	09	19	01 27 17.1	7.87	76.40	252.5		
1197	1964	12	01	02 33 19.6	7.00	75.50	254.0	3.6	
4770	1982	01	22	22 43 56.2	1.20	77.20	254.0	4.9	
3674	1976	06	02	21 46 6.6	16.04	69.51	254.8		
1939	1968	06	19	09 04 59.0	5.40	76.86	255.0	4.3	ISC
3082	1973	08	03	10 33 46.8	15.96	69.44	257.0	4.3	
406	1952	02	26	11 31 0.0	14.00	70.50	260.0		7.0 PAS
4668	1981	09	29	04 24 49.6	19.22	69.46	260.0A		



## IV-112

100 km &lt; h ≤ 300 km

NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
3174	1974	01	12	06 00 11.2	8.11	76.65	260.8	
3759	1976	11	29	03 42 53.6	18.32	69.58	261.0A	
3611	1976	01	06	04 39 37.7	18.29	69.52	261.1	
2861	1972	08	27	16 38 24.3	15.90	69.35	263.0	3.7
4415	1980	11	16	08 45 28.1	10.51	76.68	264.0	4.2
1101	1964	04	25	13 36 6.8	15.60	69.40	265.0	4.0
1328	1965	08	18	07 20 2.7	1.90	78.20	265.0	3.5
3935	1977	11	08	04 00 24.6	15.88	69.61	265.0	4.3
1240	1965	02	20	18 00 14.0	4.40	79.10	266.0	3.9
3154	1973	11	23	17 26 19.2	19.86	68.39	267.5	
4202	1979	08	08	13 36 38.7	15.71	69.46	269.0	4.0
1704	1967	04	10	01 57 42.8	8.53	72.93	272.0	4.2
3645	1976	04	06	17 59 55.3	12.23	76.52	272.1	
871	1962	09	26	15 42 49.6	15.20	72.40	276.0	
1941	1968	06	19	09 11 21.0	4.10	77.40	278.0	4.4 ISC
1060	1964	02	14	14 35 21.9	19.80	68.00	279.0	4.3
3494	1975	04	07	04 12 30.0	12.23	75.49	280.4	
905	1963	02	08	22 40 37.2	15.40	72.30	281.0	
2052	1968	09	11	00 56 29.2	5.88	76.47	282.0	3.7
969	1963	08	22	15 53 56.3	14.50	71.80	284.0	3.5
3580	1975	10	17	23 26 59.8	1.11	81.08	285.8	
9	1919	10	27	03 40 48.0	16.00	69.50	287.0	
1673	1967	02	10	06 51 37.0	16.32	69.58	288.0	4.2
1189	1964	11	20	10 30 36.0	5.00	77.80	292.0	3.7
3290	1974	07	05	19 36 43.0	7.39	77.28	294.4	3.9
4426	1980	12	12	07 26 19.3	8.14	72.11	295.0A	4.1
1400	1965	12	21	13 15 10.6	17.60	68.60	296.0	3.7
605	1958	10	14	23 22 54.0	20.00	68.50	300.0	

## EARTHQUAKE CATALOG OF PERU

IV-113

h &gt; 300 km

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3859	1977	05	26	14 16 41.4	2.27	79.63	308.9		
3808	1977	03	22	13 31 8.9	16.34	70.39	311.0A		
3918	1977	09	28	22 29 33.1	10.86	75.61	315.8	4.4	
3725	1976	09	28	13 53 44.8	14.68	69.85	335.5	4.3	GS
4125	1979	03	05	06 38 49.9	19.73	70.86	341.5		
1200	1984	12	07	06 02 21.5	5.50	80.30	345.0	3.5	
3893	1977	08	05	08 09 34.0	4.73	77.49	352.8		
3637	1976	03	22	18 34 45.3	17.74	72.82	380.2		
3171	1974	01	04	14 12 38.0	11.89	75.33	394.6		
142	1937	08	02	03 26 54.0	4.70	73.00	400.0		
563	1957	09	10	14 43 5.0	1.50	80.00	400.0		
1936	1968	06	19	08 38 13.0	3.40	77.30	405.0	4.4	ISC
1051	1964	01	23	11 38 51.9	2.50	80.10	418.0	3.6	
4302	1980	03	28	06 16 55.1	8.99	71.38	500.0D	4.7	
3697	1976	07	18	09 43 56.9	10.19	70.99	512.9	4.5	GS
4004	1978	05	05	12 55 21.4	10.24	70.97	530.0	4.6	
794	1961	09	12	11 18 25.3	11.10	70.60	543.0		
966	1963	08	15	17 25 5.9	13.80	69.30	543.0	6.0	7.8 PAS
5275	1984	12	24	13 36 44.6	9.53	71.42	543.9D	5.2	
1015	1963	11	13	04 17 59.9	8.90	71.50	545.0	3.6	
897	1963	01	05	17 43 33.1	7.10	71.60	546.0		
989	1963	10	08	06 25 7.9	6.60	71.60	557.0	3.7	
2705	1972	01	21	19 18 57.2	6.70	71.89	562.0D	5.6	6.0 PAS
1010	1963	11	09	23 14 12.6	8.50	72.10	563.0	4.4	
2030	1968	08	05	04 20 44.4	8.77	71.17	564.0	3.8	
3819	1977	04	09	04 04 12.5	10.02	71.18	564.0	5.5	6.1 PAS
1244	1965	03	07	16 58 54.0	8.50	71.10	572.0	3.7	
2700	1972	01	12	09 59 10.3	6.86	71.82	580.0G	5.9	6.5 PAS
1692	1967	03	25	20 32 1.7	8.34	71.32	583.0	4.2	
1013	1963	11	11	19 54 9.4	9.10	71.40	585.0	4.9	
1817	1967	10	11	20 28 10.2	10.30	71.20	585.0	5.0	
2934	1972	12	20	16 11 25.7	9.68	71.23	588.0D	4.8	
1498	1966	06	05	19 03 10.2	9.80	71.00	590.0	3.8	ISC
771	1961	07	25	02 48 13.4	8.90	71.40	593.0		
1370	1965	11	03	01 39 3.1	9.10	71.40	593.0	6.2	6.8 PAS
1881	1968	02	08	22 50 4.6	9.10	71.40	593.0	4.7	
1237	1965	02	18	22 32 19.6	9.90	71.20	594.0	5.2	
1676	1967	02	15	16 11 11.5	9.07	71.38	595.0	6.1	6.9 PAS
5103	1983	06	02	20 12 50.7	9.51	71.25	598.6	5.9	
								6.2	PAS
3	1911	04	28	09 52 54.0	0.00	71.00	600.0		7.1 PAS
52	1927	04	06	18 54 5.0	10.00	70.00	600.0		6.0 PAS
180	1939	12	24	22 27 40.0	6.50	71.00	600.0		5.5 PAS

## IV-114

h &gt; 300 km

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
195	1940	09	24	09	55	44.0	9.50	70.50	600.0		6.0 PAS
280	1944	06	08	02	38	4.0	10.00	71.00	600.0		6.3 PAS
314	1947	08	06	05	46	58.0	9.25	71.50	600.0		6.8 PAS
568	1957	11	28	03	07	55.0	10.00	75.50	600.0		
684	1960	07	04	08	02	7.0	8.00	71.00	600.0		
685	1960	07	05	21	15	9.0	8.00	71.50	600.0		
731	1961	02	08	08	04	13.4	10.40	71.00	600.0		5.8 PAS
914	1963	03	23	07	57	35.4	10.50	71.00	600.0		
1009	1963	11	09	21	15	30.4	9.00	71.50	600.0	5.9	6.9 PAS
1011	1963	11	10	01	00	38.8	9.20	71.50	600.0	5.6	
1012	1963	11	10	01	36	41.3	9.40	71.30	600.0	4.1	
1665	1967	01	27	08	38	51.2	8.86	71.42	600.0G	4.7	
128	1935	12	14	11	21	30.0	9.00	70.00	603.0		
410	1952	04	08	00	19	7.0	9.00	71.00	603.0		
432	1953	04	14	13	29	26.0	8.20	71.00	603.0		6.6 PAS
1694	1967	03	27	08	26	34.6	8.91	71.35	605.0D	5.3	
4036	1978	07	28	14	01	28.8	10.19	71.04	608.0D	4.9	
1796	1967	08	28	00	56	51.0	10.00	71.20	609.0	4.7	
779	1961	08	19	16	01	26.3	11.50	70.80	610.0		
780	1961	08	20	00	07	24.0	10.40	70.60	614.0		
1208	1964	12	22	00	24	48.7	9.50	71.30	614.0	5.3	
2694	1971	12	13	16	19	0.1	8.89	71.64	614.0	5.3	
3628	1976	02	29	05	59	6.8	9.10	71.33	614.0	4.8	
5185	1984	01	17	03	32	7.6	8.87	71.36	614.1	5.3	
597	1958	07	26	17	37	9.0	13.50	69.00	620.0		7.5 PAS
4290	1980	03	06	15	13	56.5	8.97	71.10	621.0	4.7	
3608	1975	12	27	12	07	59.1	9.99	70.73	622.0	4.9	
787	1961	08	31	01	48	37.5	10.70	70.90	626.0		7.1 PAS
1193	1964	11	28	16	41	33.4	7.70	71.20	626.0	5.4	
788	1961	08	31	01	57	8.0	10.50	70.70	629.0		7.5 PAS
795	1961	09	16	20	02	47.8	10.70	69.80	629.0		
1434	1966	02	15	11	58	59.6	8.60	70.30	629.0	3.4	
781	1961	08	20	09	10	11.4	11.50	70.60	630.0		
1581	1966	10	14	22	42	51.0	6.80	71.20	631.0	3.9	
2112	1969	01	10	13	37	24.0	13.16	69.21	636.0	4.0	
4030	1978	07	11	12	17	7.8	7.89	71.42	645.0	5.8	6.1 BRK
778	1961	08	19	05	09	49.5	10.80	71.00	649.0		7.0 PAS
5	1915	04	23	15	29	18.0	8.00	68.00	650.0		7.3 PAS
16	1921	12	18	15	29	35.0	2.50	71.00	650.0		7.9 PAS
20	1922	01	17	03	50	33.0	2.50	71.00	650.0		7.6 PAS
79	1930	08	04	05	04	31.0	9.50	70.50	650.0		6.5 PAS
103	1933	08	29	14	52	36.0	10.90	69.50	650.0		6.5 PAS
127	1935	12	14	01	31	13.0	9.50	70.50	650.0		6.9 PAS

## EARTHQUAKE CATALOG OF PERU

IV-115

h &gt; 300 km

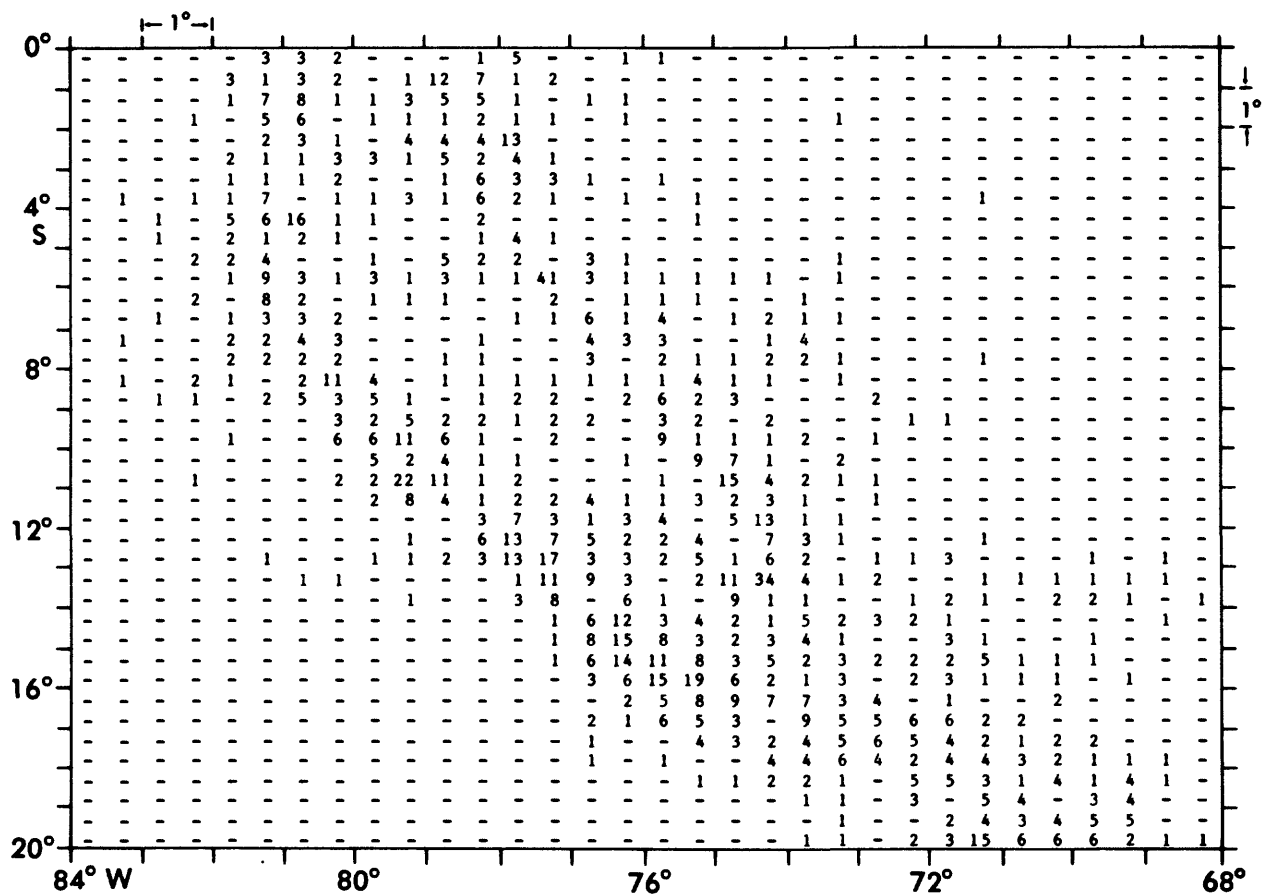
NO.	DATE			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy				mb	Ms
129	1935	12	16	16 57 24.0	9.50	70.50	650.0	6.3 PAS
130	1935	12	28	04 50 49.0	9.50	70.50	650.0	5.8 PAS
298	1945	08	01	11 47 27.0	11.00	71.00	650.0	
380	1950	07	09	04 40 4.0	8.00	70.75	650.0	7.0 PAS
364	1950	07	21	08 16 28.0	7.50	71.00	650.0	
367	1950	09	18	19 36 43.0	8.00	71.00	650.0	6.0 PAS
372	1950	12	02	18 40 38.0	7.50	71.00	650.0	
375	1950	12	11	14 46 41.0	8.00	70.75	650.0	6.3 PAS
377	1950	12	28	14 17 26.0	7.50	71.00	650.0	6.3 PAS
400	1951	12	28	15 59 6.0	10.00	71.50	650.0	
506	1955	08	19	16 28 50.0	9.00	71.00	650.0	
598	1958	07	26	18 04 42.0	12.50	68.00	650.0	
755	1961	05	26	08 42 16.1	10.20	70.80	650.0	
2436	1970	07	31	17 08 5.4	1.46	72.56	651.0	7.1 7.0 BRK
4872	1982	06	19	02 06 53.8	9.70	71.15	651.8	
1194	1964	11	28	16 49 30.3	8.00	71.40	655.0	5.6
24	1922	09	04	17 04 8.0	10.50	69.50	660.0	6.9 PAS
756	1961	05	26	10 23 12.5	10.10	71.30	663.0	
361	1950	07	09	09 45 7.0	8.20	71.00	667.0	6.4 PAS
371	1950	12	02	15 19 22.0	8.20	71.00	667.0	6.8 PAS
307	1945	11	26	01 03 58.0	11.00	69.00	700.0	

**TABLE V.**

Total number of earthquakes which have occurred in a  $0.5^\circ \times 0.5^\circ$  cell for the region:  $68^\circ\text{W}$  to  $84^\circ\text{W}$  longitude and  $0^\circ$  to  $20^\circ\text{S}$  latitude. This table is subdivided into the following depth categories: earthquakes with depth-of-focus from 0 to 33 km, greater than 33 to 100 km, greater than 100 to 300 km and greater than 300 km (Space-Distribution).

**TABLA V.**

Número total de terremotos que han ocurrido en una célula de  $0.5^\circ \times 0.5^\circ$  para la región de longitud  $68^\circ\text{W}$  a  $84^\circ\text{W}$  y de latitud  $0^\circ$  a  $20^\circ\text{S}$ . Esta tabla está subdividida en las siguientes categorías de profundidad: terremotos con profundidades focales de 0 a 33 km, entre 33 y 100 km, entre 100 y 300 km y mayor que 300 km (Distribución Espacial).



Number of Earthquakes:  $0 \leq h \leq 33$  km

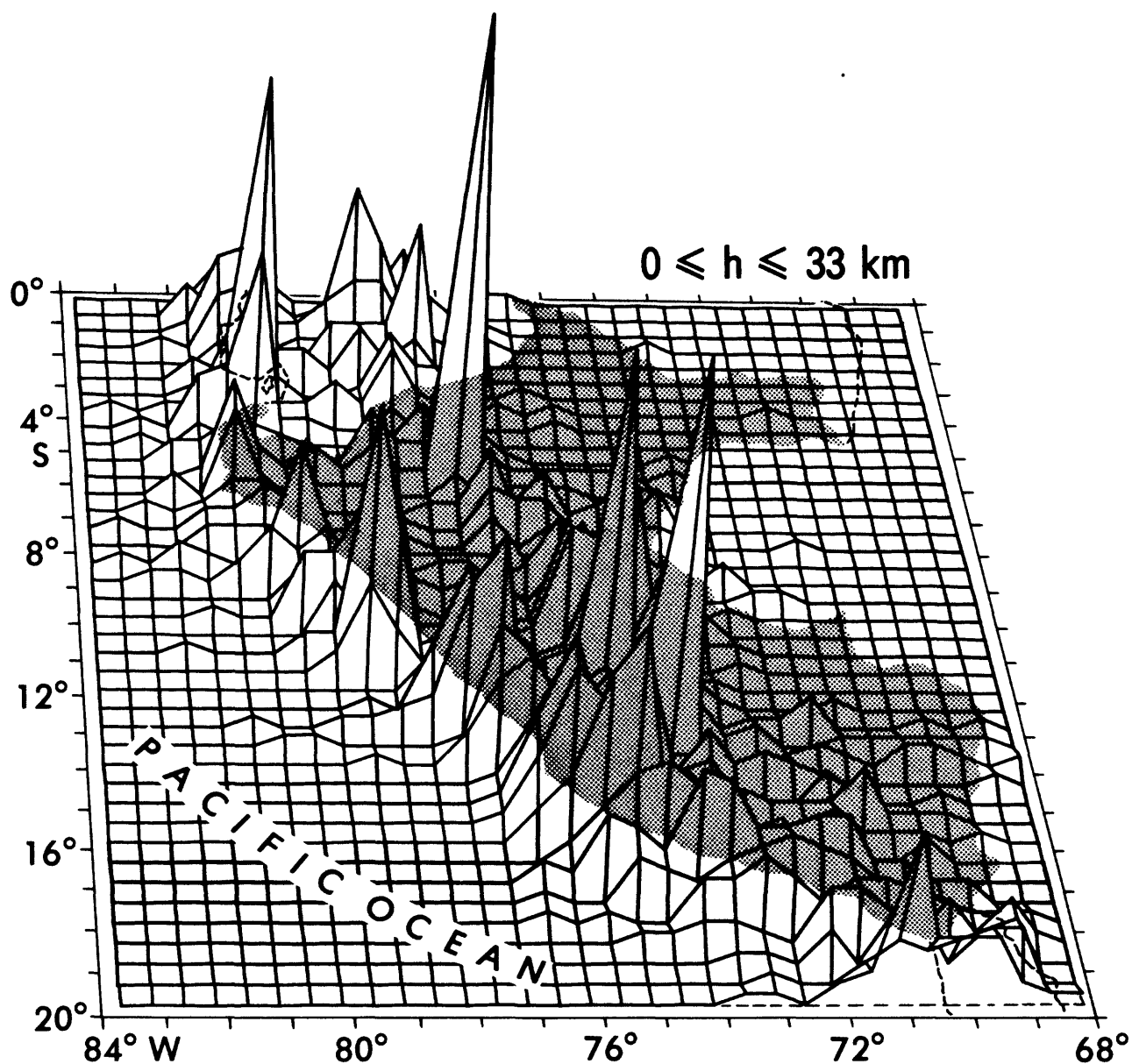
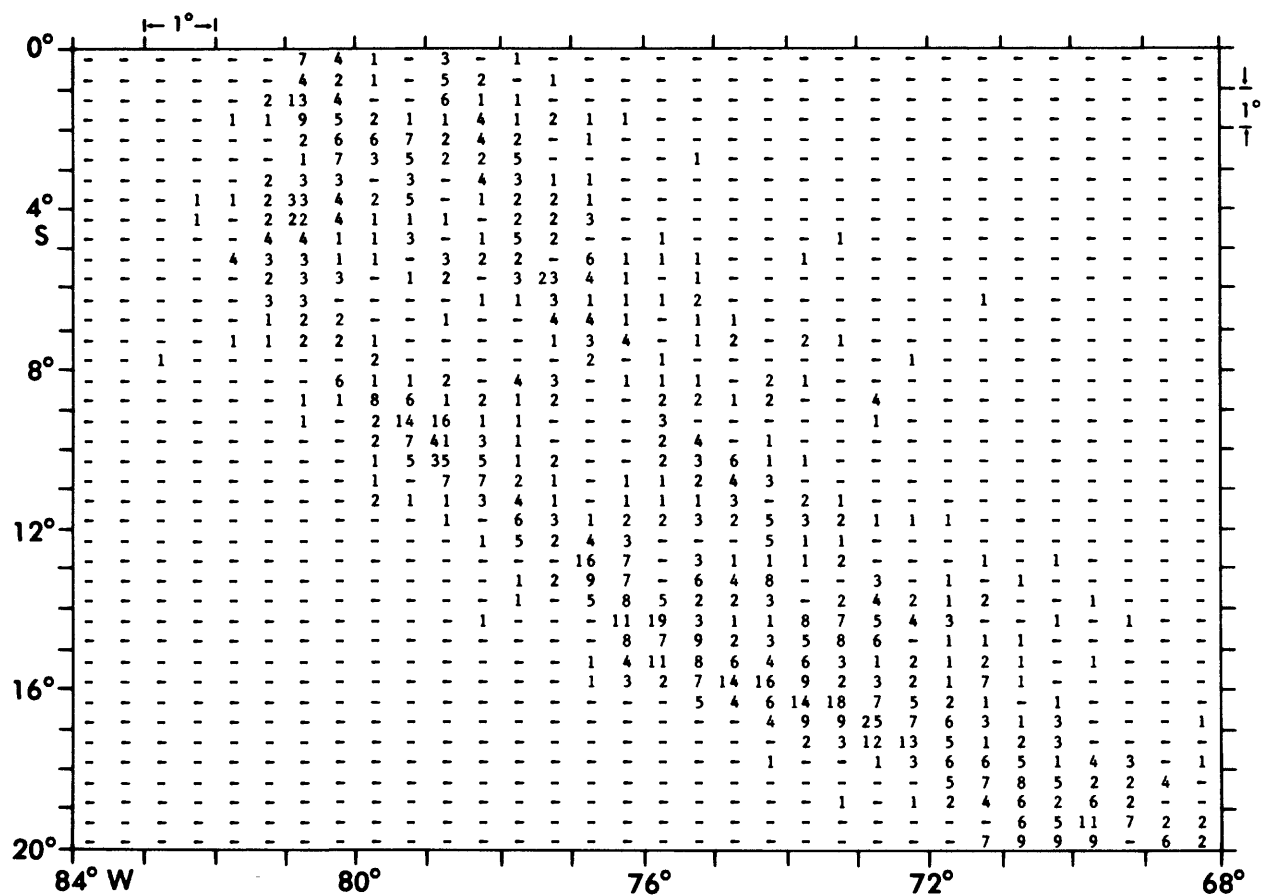


FIGURE 3. A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus ( $h$ ) from 0 to 33 km. The 3-D portrays the total number of earthquakes which occurred in a  $0.5^\circ \times 0.5^\circ$  cell for the region from  $68^\circ\text{W}$  to  $84^\circ\text{W}$  longitude and from  $0^\circ$  to  $20^\circ\text{S}$  latitude. The shaded area represents the location of Peru, the dashed lines represent the geographical boundaries of other nations.

FIGURA 3. Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales de 0 a 33 km. La tercera dimensión representa el número total de terremotos ocurridos en una célula de  $0.5^\circ \times 0.5^\circ$  para la región de longitud  $68^\circ\text{W}$  a  $84^\circ\text{W}$  y la latitud  $0^\circ$  a  $20^\circ\text{S}$ . El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones.

V-3





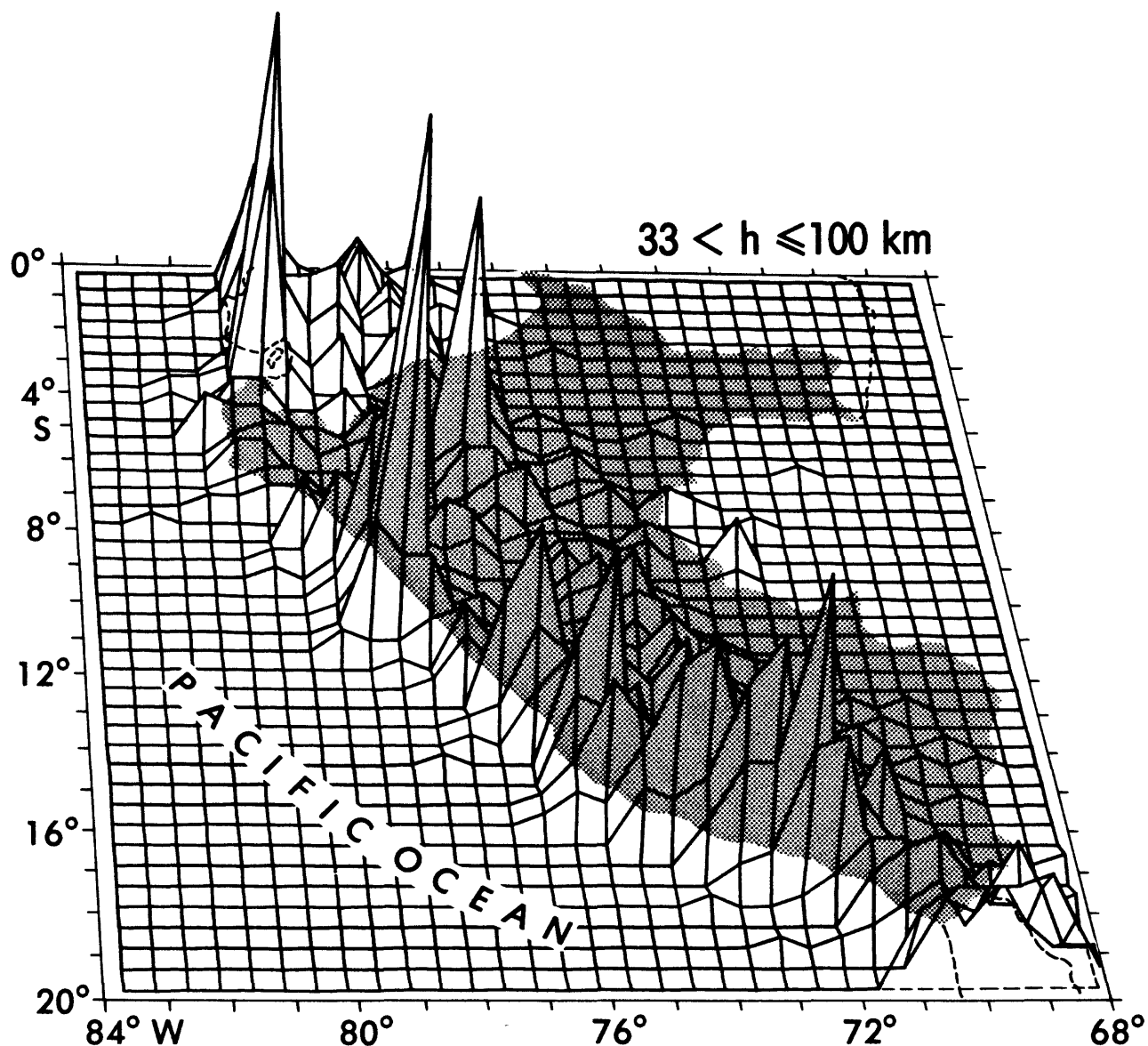
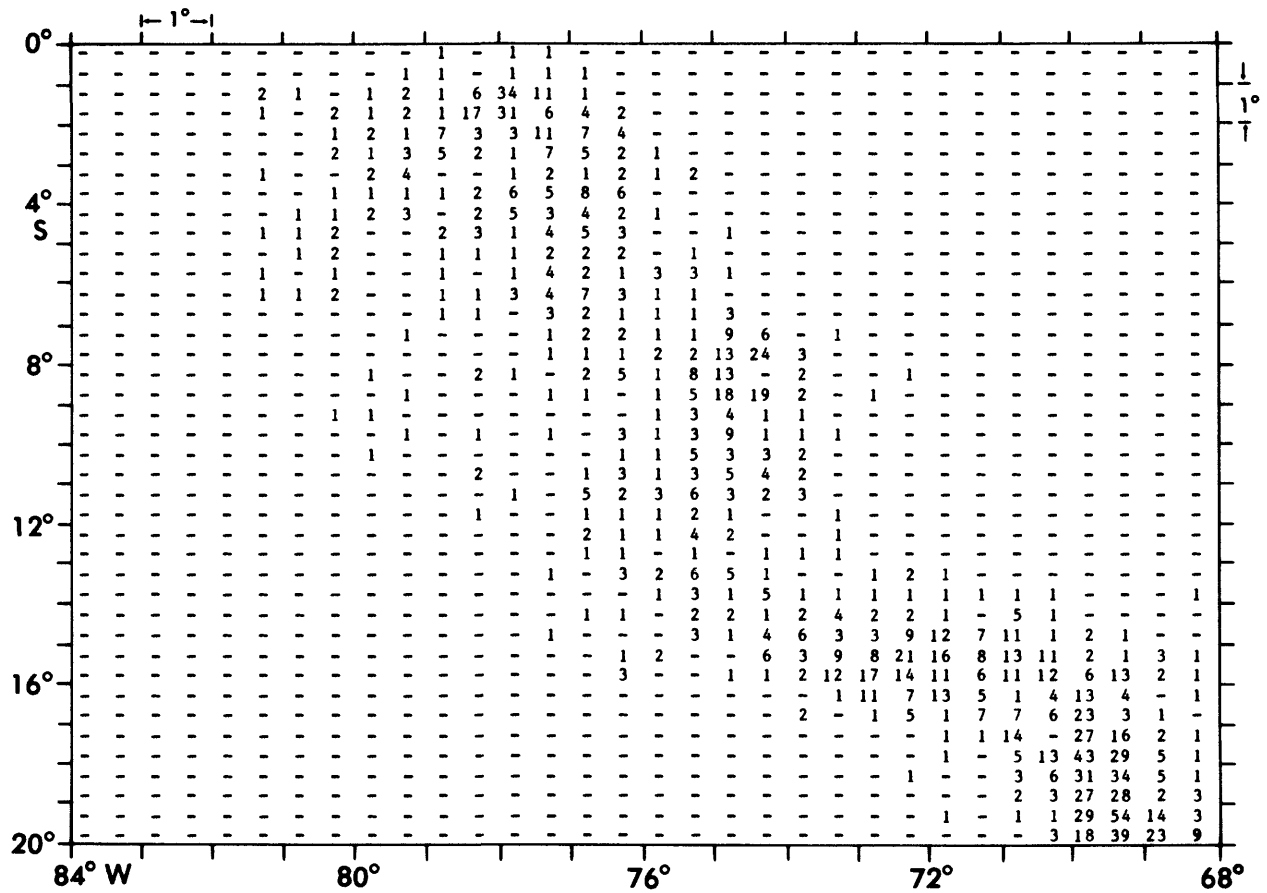


FIGURE 4. A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus ( $h$ ) greater than 33 to 100 km. The 3-D portrays the total number of earthquakes which occurred in a  $0.5^\circ \times 0.5^\circ$  cell for the region from  $68^\circ\text{W}$  to  $84^\circ\text{W}$  longitude and from  $0^\circ$  to  $20^\circ\text{S}$  latitude. The shaded area represents the location of Peru, the dashed lines represent the geographical boundaries of other nations.

FIGURA 4. Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales entre 33 y 100 km. La tercera dimensión representa el número total de terremotos ocurridos en una célula de  $0.5^\circ \times 0.5^\circ$  para la región de longitud  $68^\circ\text{W}$  a  $84^\circ\text{W}$  y la latitud  $0^\circ$  a  $20^\circ\text{S}$ . El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones.

V-5



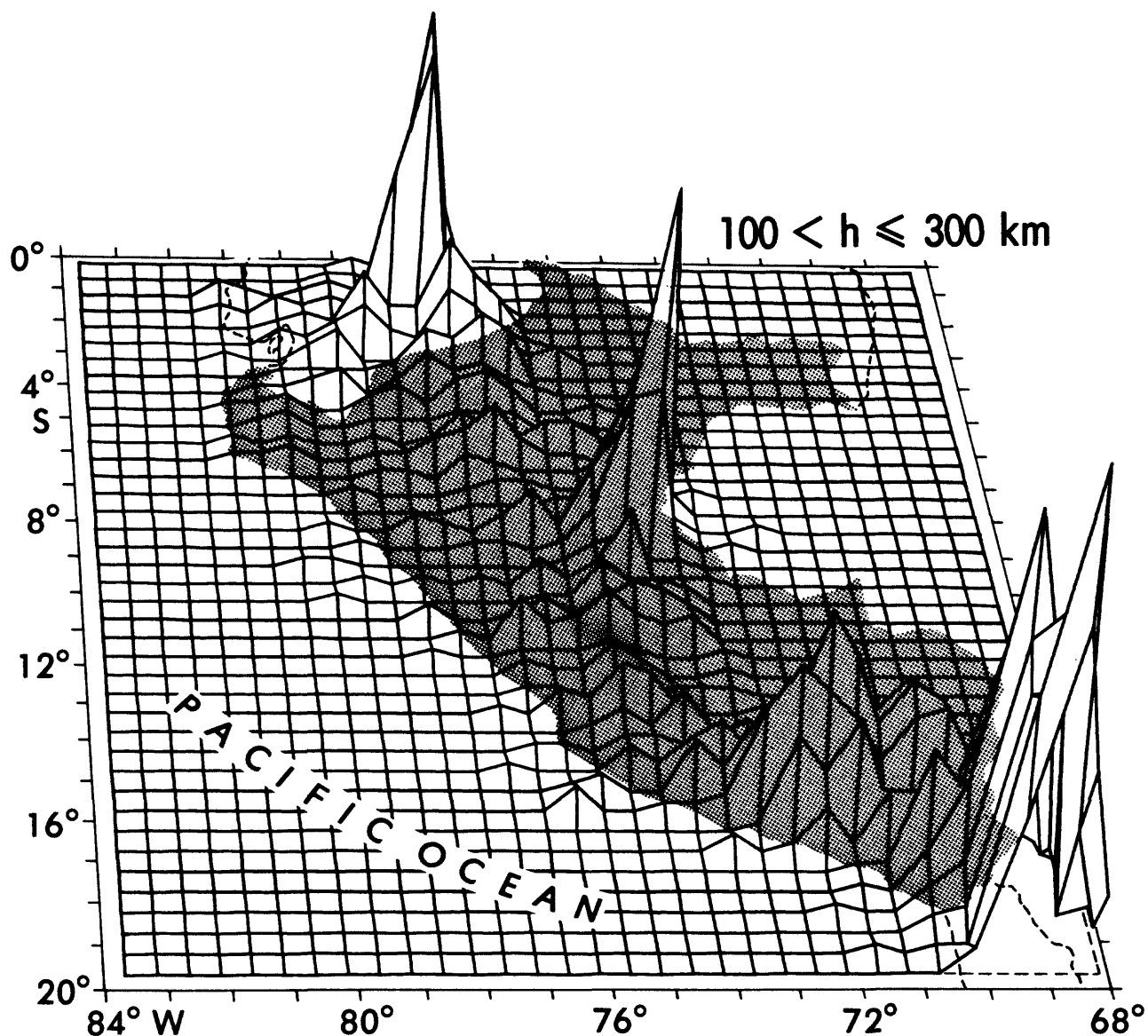
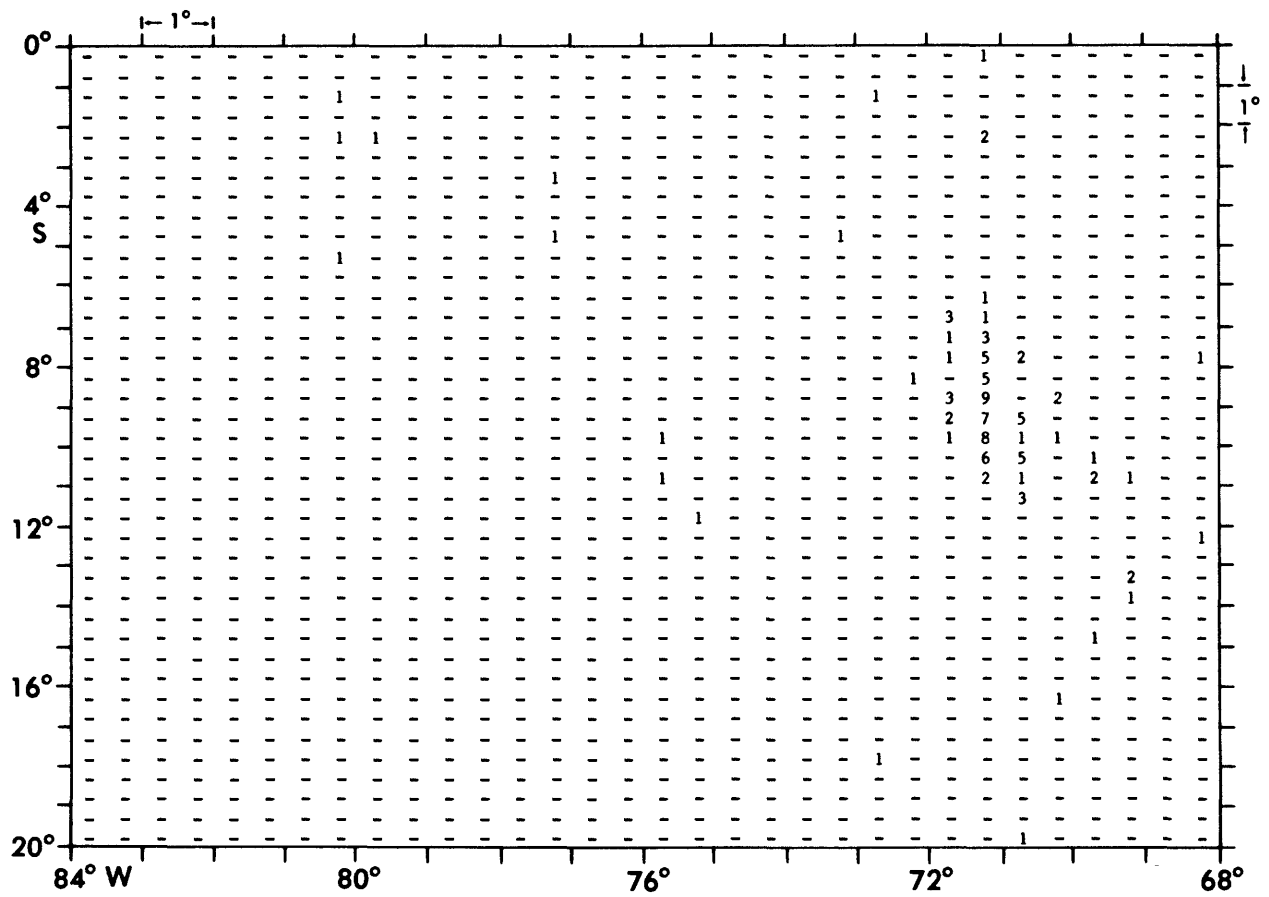


FIGURE 5. A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus ( $h$ ) greater than 100 to 300 km. The 3-D portrays the total number of earthquakes which occurred in a  $0.5^\circ \times 0.5^\circ$  cell for the region from  $68^\circ$ W to  $84^\circ$ W longitude and from  $0^\circ$  to  $20^\circ$ S latitude. The shaded area represents the location of Peru, the dashed lines represent the geographical boundaries of other nations.

FIGURA 5. Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales entre 100 y 300 km. La tercera dimensión representa el número total de terremotos ocurridos en una célula de  $0.5^\circ \times 0.5^\circ$  para la región de longitud  $68^\circ$ W a  $84^\circ$ W y la latitud  $0^\circ$  a  $20^\circ$ S. El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones.

V-7



Number of Earthquakes:  $h > 300$  km

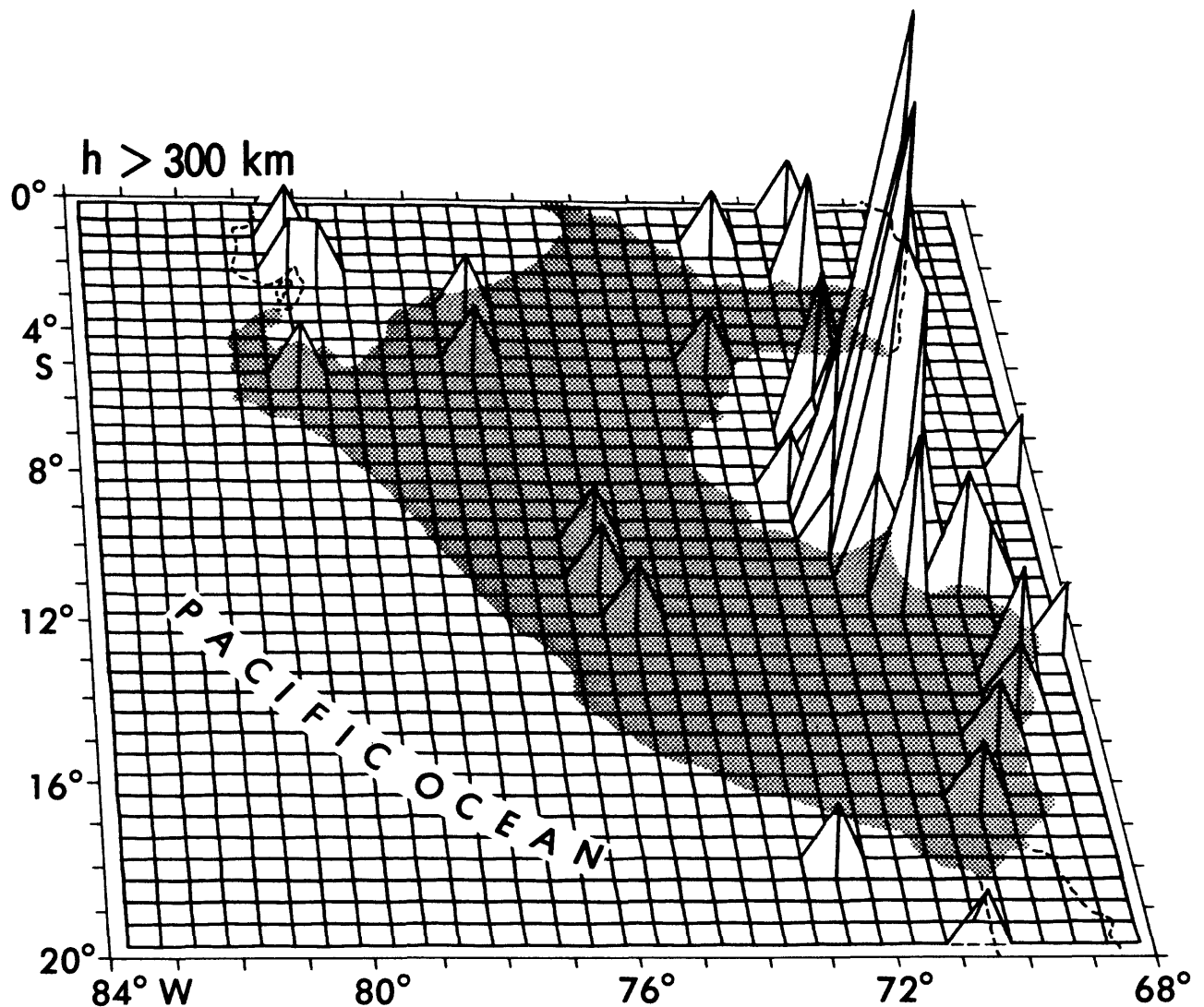


FIGURE 6. A three-dimensional view of the seismic activity (Spatial Distribution) of Peru and contiguous nations, for earthquakes with depth-of-focus ( $h$ ) greater than 300km. The 3-D portrays the total number of earthquakes which occurred in a  $0.5^\circ \times 0.5^\circ$  cell for the region from  $68^\circ\text{W}$  to  $84^\circ\text{W}$  longitude and from  $0^\circ$  to  $20^\circ\text{S}$  latitude. The shaded area represents the location of Peru, the dashed lines represent the geographical boundaries of other nations.

FIGURA 6. Una vista tridimensional de la actividad sísmica (Distribución Espacial) del Perú y países adyacentes, para terremotos con profundidades focales mayores que 300 km. La tercera dimensión representa el número total de terremotos ocurridos en una célula de  $0.5^\circ \times 0.5^\circ$  para la región de longitud  $68^\circ\text{W}$  a  $84^\circ\text{W}$  y la latitud  $0^\circ$  a  $20^\circ\text{S}$ . El área sombreada representa la localización del Perú, y las líneas discontinuas representan las fronteras geográficas de las otras naciones.

**TABLE VI.**

Chronological listing of instrumentally located earthquakes which were recorded at 10 or more seismological stations (Time-Distribution).

**TABLA VI.**

Listado cronológico de terremotos localizados instrumentalmente que fueron registrados en 10 ó más estaciones sismológicas (Distribución Temporal).

## EARTHQUAKE CATALOG OF PERU

VI-1

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
818	1962	01	02	05	23	41.5	18.10	70.60	77.0		
819	1962	01	03	06	53	16.2	18.70	71.00	77.0		
820	1962	01	08	10	44	22.3	4.10	77.40	100.0		
821	1962	01	10	02	55	1.2	17.10	68.00	208.0		
822	1962	01	25	07	26	4.6	15.70	69.60	190.0		
824	1962	02	03	20	02	25.0	12.90	79.90	33.0		
825	1962	02	27	00	04	43.5	6.20	77.00	61.0		
826	1962	02	27	14	03	31.5	18.90	68.40	188.0		
827	1962	02	28	13	44	42.0	8.90	75.80	33.0		
828	1962	02	28	18	32	12.6	19.70	68.80	143.0		
829	1962	03	01	02	12	37.3	15.70	74.30	64.0		
830	1962	03	04	00	41	42.0	10.60	75.20	33.0		
833	1962	03	14	12	24	16.5	8.20	75.00	140.0		
834	1962	03	19	14	00	8.9	2.30	77.10	119.0		
836	1962	03	21	06	11	24.0	4.40	80.70	58.0		
840	1962	04	18	19	14	37.2	10.00	79.00	39.0	6.7	
841	1962	04	19	02	18	55.9	9.80	78.90	23.0		
842	1962	04	19	20	18	20.5	9.40	79.00	25.0		
843	1962	04	24	16	06	23.7	2.20	76.10	175.0		
844	1962	05	04	23	08	5.3	0.90	80.80	74.0		
845	1962	05	19	23	56	32.4	13.40	76.70	70.0		
846	1962	05	25	14	49	11.2	2.50	79.10	79.0		
848	1962	06	14	20	18	6.2	1.90	76.90	160.0		
849	1962	06	16	14	13	34.3	9.70	79.10	31.0		
854	1962	07	13	22	55	48.4	11.90	75.10	91.0		
856	1962	07	16	04	49	21.5	11.20	79.80	75.0		
857	1962	07	25	00	11	52.2	14.40	76.10	46.0		
858	1962	07	25	06	05	15.9	14.30	75.50	100.0		
860	1962	07	26	02	33	17.8	4.70	80.90	33.0		
863	1962	08	17	07	26	33.4	4.70	79.40	96.0		
864	1962	08	24	13	15	37.0	17.50	70.40	92.0		
867	1962	09	09	03	21	55.5	15.60	73.40	98.0		
874	1962	09	29	05	21	49.6	20.00	68.00	26.0		
877	1962	10	10	11	42	35.1	3.10	78.40	33.0		
879	1962	10	11	06	22	50.6	1.30	80.40	75.0		
882	1962	11	01	11	31	48.7	1.50	77.80	181.0		
883	1962	11	06	12	23	22.7	4.00	79.80	84.0		
884	1962	11	08	00	02	10.0	15.10	75.40	44.0		
886	1962	11	15	23	25	15.7	8.70	79.80	45.0	6.0 PAS	
887	1962	11	16	06	39	8.2	1.00	78.60	33.0		
888	1962	11	22	06	53	35.8	1.70	76.90	166.0		
889	1962	11	23	00	30	5.3	15.10	75.60	33.0		
890	1962	11	23	00	44	50.6	15.30	76.00	36.0		

## VI-2

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
893	1962	12	21	21	27	51.6	0.90	80.90	33.0		
894	1962	12	22	06	35	57.1	1.10	81.00	33.0		
896	1963	01	05	11	05	8.2	7.40	73.40	178.0		
897	1963	01	05	17	43	33.1	7.10	71.80	546.0		
898	1963	01	06	06	17	25.7	2.00	80.80	32.0		
900	1963	01	17	04	22	19.3	10.70	79.00	21.0		
901	1963	01	17	19	30	59.9	8.30	75.10	124.0		
902	1963	01	22	08	32	35.2	11.60	75.00	47.0		
903	1963	01	28	02	12	13.3	11.20	76.90	110.0		
907	1963	02	24	05	38	19.1	15.10	72.50	97.0	5.0	
908	1963	02	27	00	10	1.3	1.20	79.00	33.0	4.3	
909	1963	02	27	11	00	42.8	15.10	73.60	105.0	5.2	
911	1963	03	04	15	43	2.2	4.50	81.60	23.0	5.3	
912	1963	03	04	18	31	51.0	15.80	75.30	40.0	4.9	
913	1963	03	05	07	05	0.4	4.50	81.50	22.0	5.6	
915	1963	03	30	09	23	13.9	1.50	77.70	154.0	4.5	
917	1963	03	31	04	45	59.7	6.60	81.20	31.0	5.2	
918	1963	03	31	05	51	0.5	10.80	78.50	32.0	5.5	
920	1963	04	04	08	26	26.5	16.30	73.00	95.0	4.6	
922	1963	04	13	02	20	57.9	6.30	76.70	125.0	6.1	6.9 PAS
924	1963	04	26	16	44	14.6	18.20	69.30	131.0	4.5	
925	1963	04	28	05	22	5.0	11.70	78.10	10.0	5.2	
926	1963	04	30	18	43	7.0	8.30	80.00	9.0	5.1	
927	1963	05	10	13	05	22.5	8.00	74.40	143.0	4.4	
928	1963	05	10	22	22	42.7	2.10	77.60	30.0	5.8	
931	1963	05	17	14	11	5.7	14.10	73.90	94.0	4.9	
932	1963	05	19	23	31	25.3	17.70	69.40	137.0	5.2	
933	1963	05	23	03	57	43.8	1.60	80.80	90.0	4.6	
934	1963	05	26	12	43	46.0	16.90	72.40	47.0	4.6	
935	1963	05	26	19	13	39.6	5.50	81.20	33.0	4.7	
936	1963	05	31	04	39	14.8	17.90	68.30	57.0	4.8	
938	1963	06	08	08	57	24.9	2.30	77.80	33.0	4.4	
946	1963	06	30	11	09	49.8	7.30	75.20	43.0	4.3	
947	1963	06	30	12	43	56.5	8.80	77.90	94.0	4.2	
948	1963	07	02	02	52	53.0	2.40	77.80	33.0	4.6	
950	1963	07	05	05	48	13.4	11.60	77.50	55.0	5.8	
952	1963	07	10	11	47	35.1	16.30	72.20	90.0	4.1	
953	1963	07	18	05	25	4.3	18.50	69.30	72.0	4.9	
957	1963	07	26	23	48	26.5	9.70	78.50	62.0	4.9	
961	1963	08	04	12	07	24.4	4.10	80.90	34.0	4.7	
962	1963	08	05	08	46	59.7	9.90	79.00	31.0	4.8	
964	1963	08	13	12	39	55.3	3.10	80.40	66.0	4.3	
966	1963	08	15	17	25	5.9	13.80	69.30	543.0	6.0	7.8 PAS



## EARTHQUAKE CATALOG OF PERU

VI-3

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
971	1963	08	29	15 30 31.4	7.10	81.60	23.0	6.1	
972	1963	08	31	10 30 30.1	15.90	74.40	53.0	4.1	
973	1963	09	02	04 10 18.4	14.10	76.40	41.0	4.5	
976	1963	09	17	05 54 33.7	10.60	78.20	61.0	5.5	
977	1963	09	17	07 34 38.7	1.50	77.90	178.0	4.0	
978	1963	09	19	00 06 43.0	2.60	78.00	33.0	4.3	
981	1963	09	20	04 00 36.1	11.30	77.60	33.0	4.5	
982	1963	09	20	22 11 32.2	17.80	68.80	171.0	5.1	
984	1963	09	24	16 30 16.0	10.60	78.00	80.0	6.0	
988	1963	10	07	12 43 53.6	12.90	76.80	69.0	5.4	
991	1963	10	14	05 39 17.1	2.30	77.60	33.0	4.7	
992	1963	10	19	02 14 17.4	18.30	71.20	78.0	4.5	
996	1963	10	28	02 50 30.1	13.60	76.90	38.0	4.1	
997	1963	10	30	01 17 31.1	4.80	77.90	20.0	5.3	
998	1963	10	31	23 19 15.3	4.90	77.70	60.0	4.5	
1000	1963	11	03	03 10 12.7	3.50	77.80	33.0	6.0	
1002	1963	11	03	07 38 10.7	15.60	73.30	112.0	4.8	
1003	1963	11	03	12 02 28.3	3.70	78.30	33.0	4.5	
1004	1963	11	04	03 29 30.5	15.00	75.80	52.0	4.0	
1005	1963	11	06	01 01 7.0	12.80	73.90	86.0	4.4	
1007	1963	11	06	18 33 25.9	16.70	69.70	174.0	4.7	
1009	1963	11	09	21 15 30.4	9.00	71.50	600.0	5.9	
1010	1963	11	09	23 14 12.6	8.50	72.10	563.0	4.4	
1011	1963	11	10	01 00 38.8	9.20	71.50	600.0	5.6	
1012	1963	11	10	01 36 41.3	9.40	71.30	600.0	4.1	
1013	1963	11	11	19 54 9.4	9.10	71.40	585.0	4.9	
1016	1963	11	15	00 18 52.4	4.70	76.80	152.0	4.3	
1017	1963	11	16	18 06 55.0	2.20	80.00	59.0	4.6	
1020	1963	11	22	12 40 10.0	18.80	69.60	120.0	4.6	
1022	1963	11	27	02 19 41.9	16.60	72.10	79.0	4.9	
1023	1963	11	29	01 58 45.1	15.10	73.70	124.0	4.7	
1024	1963	12	04	03 13 7.1	8.30	83.10	33.0	4.6	
1025	1963	12	04	04 21 22.6	7.10	80.40	45.0	4.4	
1026	1963	12	06	18 14 32.1	7.10	80.50	33.0	4.4	
1027	1963	12	10	07 26 36.5	8.70	79.80	33.0	4.5	
1028	1963	12	10	14 49 42.6	18.10	68.50	79.0	5.3	
1029	1963	12	13	04 16 13.5	2.70	78.40	109.0	4.5	
1030	1963	12	16	16 41 9.5	1.60	78.00	170.0	4.8	
1033	1963	12	19	17 04 7.8	9.70	79.10	56.0	5.1	
1034	1963	12	20	10 48 4.2	5.20	80.80	55.0	5.2	
1036	1963	12	29	17 15 39.2	18.50	69.70	113.0	5.5	
1043	1964	01	05	18 33 54.7	8.00	74.50	150.0	5.2	
1052	1964	01	26	09 09 33.9	16.30	71.70	116.0	6.1	

6.9 PAS

## VI-4

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1055	1964 01 31	21 46 31.7	0.20	77.90	33.0	4.6	
1056	1964 02 01	11 47 28.8	3.50	78.00	33.0	5.0	
1058	1964 02 04	07 38 2.8	3.80	80.80	61.0	4.4	
1060	1964 02 14	14 35 21.9	19.80	68.00	279.0	4.3	
1063	1964 02 16	10 03 37.7	7.60	75.90	31.0	4.5	
1067	1964 02 20	07 22 24.7	9.50	74.60	102.0	4.5	
1068	1964 02 20	10 57 43.6	14.10	76.00	67.0	4.5	
1069	1964 02 21	13 51 47.4	6.80	80.90	33.0	4.3	
1071	1964 02 23	04 35 18.1	17.20	74.20	33.0	4.3	
1073	1964 03 02	17 19 58.4	1.70	77.50	82.0	4.6	
1074	1964 03 06	21 05 50.2	19.70	70.50	50.0	5.3	
1082	1964 03 19	22 29 3.2	15.30	72.90	115.0	4.7	
1083	1964 03 20	06 55 28.1	2.00	79.70	71.0	5.3	
1084	1964 03 22	07 05 39.7	5.50	77.10	147.0	5.1	
1086	1964 03 23	03 35 44.9	1.20	78.70	68.0	4.2	
1090	1964 03 26	05 25 2.8	5.10	76.60	100.0	4.8	
1091	1964 04 01	04 26 52.7	2.80	80.10	35.0	4.5	
1092	1964 04 03	13 46 38.0	8.70	78.70	82.0	4.6	
1094	1964 04 09	21 54 42.1	18.50	71.50	39.0	5.2	
1095	1964 04 10	06 09 10.9	14.37	75.70	68.0	4.1	ISC
1097	1964 04 19	19 41 31.3	13.80	75.30	96.0	4.4	
1098	1964 04 20	10 52 5.3	18.60	72.00	33.0		
1101	1964 04 25	13 36 6.8	15.60	69.40	265.0	4.0	
1103	1964 04 29	04 08 1.2	3.40	77.70	56.0	4.3	
1104	1964 04 29	17 59 39.5	17.10	72.10	44.0	4.5	
1106	1964 05 04	19 25 40.5	14.70	76.00	33.0	4.5	
1107	1964 05 05	03 26 46.1	17.70	68.90	33.0	4.9	
1109	1964 05 09	20 06 37.7	5.80	81.30	104.0	4.4	
1114	1964 05 18	04 15 8.4	12.00	73.80	91.0	4.3	
1115	1964 05 19	23 03 41.8	0.70	80.20	54.0	5.4	
1116	1964 05 20	03 25 5.1	0.90	80.40	33.0	4.7	
1118	1964 05 23	21 31 3.4	18.40	69.20	128.0	4.7	
1120	1964 05 28	12 49 57.5	13.40	74.90	103.0	5.2	
1121	1964 05 31	19 58 9.9	9.20	79.50	40.0	4.3	
1125	1964 06 04	11 46 1.7	9.60	76.10	124.0	5.3	
1129	1964 06 09	15 31 29.6	4.77	77.90	40.0	4.4	ISC
1130	1964 06 09	18 16 13.7	0.20	78.90	48.0	4.6	
1132	1964 06 21	06 54 46.2	14.90	73.30	80.0	5.0	
1133	1964 06 22	03 29 55.8	2.56	78.10	46.0	3.9	ISC
1134	1964 06 23	00 30 11.1	3.70	78.10	33.0	4.6	
1135	1964 06 23	02 04 41.8	2.70	80.00	58.0	5.2	
1136	1964 06 23	13 53 51.4	2.60	77.70	33.0	3.9	
1140	1964 07 01	20 20 56.6	17.10	69.10	147.0	5.1	

## EARTHQUAKE CATALOG OF PERU

VI-5

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1141	1964	07	01	22	49	23.4	14.30	73.10	139.0	5.2	
1142	1964	07	02	09	09	39.8	11.60	74.40	28.0	4.6	
1143	1964	07	04	12	13	56.9	15.50	72.50	148.0	5.3	
1144	1964	07	05	01	06	28.4	1.20	78.30	112.0	4.0	
1145	1964	07	05	22	14	59.1	10.24	75.11	135.0	3.9	ISC
1146	1964	07	10	19	16	43.5	16.00	71.60	134.0	4.9	
1148	1964	07	18	11	13	14.2	18.40	70.90	40.0	4.8	
1149	1964	07	21	07	33	19.6	20.00	69.80	84.0	4.5	
1150	1964	07	27	04	03	33.2	1.70	77.90	164.0	4.5	
1155	1964	08	10	07	34	49.9	16.70	70.80	92.0	5.2	
1158	1964	08	18	00	26	51.8	7.20	74.40	156.0	5.3	
1160	1964	08	24	10	37	23.4	1.50	78.10	173.0	5.1	
1161	1964	09	04	09	36	58.7	18.30	69.00	101.0	5.4	
1162	1964	09	05	15	05	10.9	19.20	69.30	103.0	4.6	
1163	1964	09	10	21	36	32.3	4.80	81.30	45.0	4.5	
1165	1964	09	17	07	41	13.9	15.60	72.90	118.0	5.0	
1166	1964	09	19	17	26	13.0	5.60	81.00	33.0	4.8	
1167	1964	09	21	13	27	32.9	7.20	74.30	150.0	4.6	
1168	1964	09	29	18	46	15.3	8.60	74.50	170.0	4.1	
1170	1964	10	01	08	46	36.9	19.70	68.80	138.0	4.4	
1172	1964	10	03	12	49	31.5	10.70	75.30	154.0	4.8	
1176	1964	10	11	14	19	11.5	17.90	71.50	35.0	5.2	
1180	1964	10	25	06	25	48.6	2.00	77.20	160.0	5.3	
1181	1964	10	25	22	56	32.8	2.00	79.00	57.0	5.4	
1183	1964	11	02	06	50	58.2	4.10	76.90	91.0	6.0	
1184	1964	11	04	02	11	24.9	19.70	69.20	102.0	5.2	
1185	1964	11	11	18	48	56.6	13.40	75.00	99.0	5.0	
1186	1964	11	12	12	13	34.6	18.00	69.80	80.0	4.8	
1188	1964	11	18	04	03	58.0	13.10	75.00	80.0	4.3	
1190	1964	11	21	11	57	0.3	19.90	70.40	118.0	4.4	
1193	1964	11	28	16	41	33.4	7.70	71.20	626.0	5.4	
1194	1964	11	28	16	49	30.3	8.00	71.40	655.0	5.6	
1195	1964	11	29	03	24	28.8	3.60	80.60	33.0	4.8	
1196	1964	11	29	17	08	25.7	4.80	79.30	81.0	4.6	
1199	1964	12	06	03	15	37.7	15.40	70.50	164.0	4.6	
1202	1964	12	07	15	55	56.8	6.40	76.20	177.0	4.7	
1203	1964	12	07	20	41	42.0	18.90	69.60	127.0	4.4	
1204	1964	12	09	19	12	21.1	1.10	77.40	242.0	4.5	
1206	1964	12	19	11	18	5.2	16.46	72.87	108.0	4.2	ISC
1208	1964	12	22	00	24	48.7	9.50	71.30	614.0	5.3	
1210	1964	12	25	08	48	37.7	18.80	69.00	117.0	5.1	
1214	1965	01	06	15	26	32.8	9.50	79.40	44.0	4.5	
1215	1965	01	06	16	30	36.9	0.80	81.50	19.0	4.6	

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1219	1965	01	10	03	43	44.5	3.30	81.40	78.0	4.8	
1221	1965	01	12	13	36	51.0	9.70	75.00	48.0	5.4	
1222	1965	01	14	08	25	17.5	5.50	81.30	32.0	5.3	
1223	1965	01	16	16	22	14.3	2.20	79.80	122.0	4.7	
1226	1965	01	23	14	48	28.0	8.30	75.10	33.0	4.2	
1230	1965	01	26	14	17	49.0	0.20	80.80	33.0	4.7	
1232	1965	01	28	05	34	59.8	12.90	78.50	33.0	4.9	
1233	1965	01	29	04	35	49.0	18.90	70.90	224.0	3.9	ISC
1234	1965	02	09	11	53	0.5	17.00	68.40	61.0	4.5	
1235	1965	02	11	16	10	30.4	1.40	77.80	190.0	5.1	
1236	1965	02	13	10	05	24.3	5.90	77.60	69.0	4.5	ISC
1237	1965	02	18	22	32	19.6	9.90	71.20	594.0	5.2	
1238	1965	02	19	09	35	58.0	18.39	69.34	135.0	4.4	ISC
1241	1965	02	20	21	10	13.5	18.40	72.40	33.0	5.2	
1242	1965	03	05	07	18	30.6	4.02	79.40	231.0	3.8	ISC
1243	1965	03	06	04	43	7.1	1.20	78.40	13.0	4.3	
1247	1965	03	12	22	54	44.7	5.80	77.80	52.0	4.9	
1249	1965	03	15	05	08	51.1	17.50	75.30	13.0	4.7	ISC
1250	1965	03	20	13	02	28.6	19.00	69.60	64.0	4.5	
1252	1965	03	28	00	09	31.5	19.00	69.20	170.0	4.1	
1253	1965	03	28	05	30	25.4	15.00	72.30	108.0	4.6	
1254	1965	03	28	09	59	58.0	15.70	74.10	45.0	5.4	
1255	1965	03	31	16	50	19.0	2.13	77.17	193.0	3.8	ISC
1256	1965	04	04	20	09	41.1	8.80	74.50	143.0	5.3	
1257	1965	04	06	19	21	49.7	3.10	78.20	97.0	5.0	
1258	1965	04	08	00	02	40.1	8.30	80.10	33.0	4.3	
1259	1965	04	14	08	23	34.7	1.20	78.80	59.0	4.6	
1260	1965	04	15	02	00	10.4	5.72	75.60	33.0	4.4	ISC
1261	1965	04	22	22	14	4.1	6.02	78.68	118.0	4.6	ISC
1262	1965	04	24	18	29	18.3	17.70	69.60	159.0	4.4	
1263	1965	04	26	08	39	3.9	1.30	77.80	193.0	4.8	
1264	1965	04	27	05	24	50.1	13.80	76.00	93.0	4.8	
1265	1965	04	28	09	42	10.2	14.20	76.20	73.0	4.3	
1267	1965	05	02	05	47	43.9	19.80	69.50	117.0	5.5	
1268	1965	05	04	12	10	41.1	16.50	73.20	78.0	4.5	
1269	1965	05	05	09	13	56.7	13.90	75.90	94.0	4.7	
1272	1965	05	09	19	58	59.2	2.90	77.40	108.0	4.8	
1273	1965	05	10	08	35	21.1	17.30	70.90	121.0	4.4	
1274	1965	05	11	00	58	31.0	6.70	80.90	71.0	4.1	ISC
1275	1965	05	12	09	42	37.4	13.90	77.10	20.0	4.6	
1277	1965	05	20	09	55	13.8	3.90	80.80	38.0	4.5	
1278	1965	05	25	16	22	52.0	19.30	69.60	109.0	4.8	
1279	1965	05	28	02	07	26.3	19.03	68.80	168.0	3.6	ISC

5.1 PAS

## EARTHQUAKE CATALOG OF PERU

VI-7

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1284	1965	06	06	21	41	37.2	1.40	80.50	54.0	4.3	5.1 BRK
1287	1965	06	18	03	37	54.9	5.00	80.70	102.0	4.2	
1288	1965	06	18	22	45	16.7	11.10	73.60	111.0	5.5	
1289	1965	06	21	10	46	37.7	3.70	77.80	19.0	4.6	
1290	1965	06	22	14	19	50.9	18.40	69.30	122.0	5.0	
1291	1965	06	24	03	29	45.0	18.20	69.70	72.0	5.0	
1292	1965	06	24	16	54	2.2	15.50	70.20	171.0	4.3	
1293	1965	06	26	05	55	11.4	9.10	72.90	44.0	4.6	
1294	1965	06	27	17	09	3.4	2.60	77.00	117.0	5.1	
1295	1965	06	27	17	09	22.7	2.80	77.10	33.0	5.3	
1297	1965	07	02	01	09	47.6	7.70	76.80	46.0	4.4	4.8 PAL
1298	1965	07	02	02	28	13.0	7.60	76.90	21.0	4.4	
1305	1965	07	13	22	34	48.5	3.20	77.70	90.0	4.4	
1306	1965	07	13	22	49	46.1	2.90	78.80	112.0	4.6	
1307	1965	07	14	12	29	56.6	17.60	69.50	146.0	5.0	
1308	1965	07	14	13	37	36.7	17.10	69.30	171.0	4.2	
1309	1965	07	15	08	31	24.6	6.60	80.90	36.0	4.4	
1310	1965	07	23	15	13	22.4	8.80	79.50	43.0	5.3	
1313	1965	07	30	05	45	16.1	18.10	70.80	72.0	6.0	
1314	1965	07	30	12	11	7.0	15.10	70.80	192.0	4.1	
1316	1965	07	30	16	32	36.9	1.50	78.10	167.0	4.7	5.4 BRK
1321	1965	08	03	02	01	52.2	7.40	81.30	33.0	5.8	
1323	1965	08	07	05	26	7.4	9.20	78.70	70.0	4.4	
1324	1965	08	08	06	32	28.2	19.60	68.70	53.0	5.4	
1326	1965	08	09	08	40	29.8	1.40	78.70	132.0	5.1	
1327	1965	08	13	00	54	43.5	4.30	80.90	34.0	5.2	6.5 PAS
1329	1965	08	20	09	42	48.7	18.90	69.00	128.0	6.2	
1331	1965	08	22	10	39	27.7	2.30	76.90	187.0	4.1	
1332	1965	08	22	12	24	22.5	7.80	74.50	141.0	4.7	
1333	1965	08	23	00	08	11.8	13.10	75.20	107.0	4.2	
1334	1965	08	25	14	50	36.0	17.50	69.80	147.0	4.9	
1335	1965	09	06	16	25	53.5	9.30	75.90	31.0	4.4	6.5 PAS
1337	1965	09	08	04	10	34.8	11.10	73.80	99.0	4.3	
1340	1965	09	14	04	50	22.7	12.00	72.40	60.0	4.3	
1341	1965	09	14	07	17	58.0	9.89	76.10	142.0	4.3 ISC	
1342	1965	09	16	08	57	23.9	17.20	70.70	141.0	4.3	
1343	1965	09	17	11	13	56.4	1.50	77.70	191.0	6.2	
1344	1965	09	19	01	45	1.7	1.70	77.50	213.0	4.6	
1345	1965	09	19	14	17	54.5	15.60	74.40	69.0	4.8	
1346	1965	09	20	06	37	42.6	17.30	70.50	127.0	4.4	
1347	1965	09	20	18	10	40.3	6.30	75.00	139.0	5.1	
1349	1965	09	24	09	40	44.5	9.69	79.10	104.0	4.3 ISC	
1350	1965	09	26	05	47	56.2	13.00	70.30	37.0	4.3	

## VI-8

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1352	1965	09	27	03	15	55.3	1.40	80.60	86.0	4.6	6.8 PAS
1356	1965	10	06	02	40	23.2	9.80	74.90	122.0	4.4	
1357	1965	10	08	22	28	48.6	8.30	76.00	141.0	5.2	
1363	1965	10	17	14	09	5.1	15.90	73.20	105.0	4.4	
1364	1965	10	18	12	57	14.7	19.20	69.50	179.0	4.5	
1366	1965	10	23	16	00	45.0	1.60	81.00	152.0	4.2	
1368	1965	10	30	08	37	21.7	2.40	77.90	166.0	4.1	
1370	1965	11	03	01	39	3.1	9.10	71.40	593.0	6.2	
1371	1965	11	06	01	06	6.6	9.40	79.00	59.0	4.7	
1372	1965	11	09	09	29	29.5	17.50	69.90	150.0	3.8	
1373	1965	11	10	01	47	22.4	17.90	69.50	140.0	4.3	
1374	1965	11	13	19	02	21.6	1.60	77.60	188.0	4.8	
1376	1965	11	19	09	52	37.6	2.00	77.60	189.0	4.2	
1378	1965	11	23	10	21	0.3	18.10	70.70	93.0	4.4	
1380	1965	11	26	00	25	49.2	4.70	77.20	120.0	4.4	
1381	1965	11	29	17	07	2.0	6.00	78.60	37.0	5.5	6.0 BRK
1383	1965	11	30	09	44	42.5	18.40	70.90	67.0	4.1	
1384	1965	11	30	09	46	11.7	8.20	74.30	162.0	4.9	
1385	1965	12	02	00	36	29.5	16.50	69.60	198.0	5.2	
1387	1965	12	03	08	32	25.7	3.60	77.70	42.0	4.7	
1388	1965	12	03	09	55	49.7	4.50	79.90	89.0	4.5	
1390	1965	12	07	03	44	41.1	3.50	78.10	44.0	4.4	
1391	1965	12	07	11	15	6.7	18.90	69.50	120.0	4.6	
1394	1965	12	10	02	59	17.4	6.40	80.80	37.0	4.5	
1396	1965	12	11	21	48	29.4	6.40	81.30	33.0	4.2	
1397	1965	12	12	22	25	14.7	1.50	77.60	201.0	5.6	
1398	1965	12	14	04	55	18.8	18.30	70.80	88.0	5.2	
1399	1965	12	19	20	10	23.7	14.70	73.50	97.0	5.1	
1402	1965	12	27	11	55	11.2	19.70	69.40	111.0	4.7	
1403	1965	12	28	22	04	51.7	3.20	77.10	13.0	5.5	
1404	1965	12	29	04	08	23.9	3.20	77.30	22.0	4.7	6.0 BRK
1405	1965	12	30	06	16	4.1	16.60	71.10	112.0	5.7	
1406	1965	12	30	16	42	44.5	19.10	69.50	115.0	4.6	
1409	1966	01	01	19	51	56.1	7.80	74.70	165.0	4.6	
1410	1966	01	02	03	53	58.2	17.90	69.50	142.0	4.4	
1411	1966	01	04	12	48	13.4	15.30	70.90	184.0	5.4	
1412	1966	01	09	20	16	53.4	10.80	75.60	33.0	4.4	
1413	1966	01	12	08	02	9.2	2.30	77.10	169.0	4.7	
1414	1966	01	13	14	17	10.6	8.30	74.10	180.0	5.1	
1416	1966	01	17	06	57	4.4	11.60	75.90	102.0	4.3	
1417	1966	01	18	10	25	59.3	3.60	80.90	75.0	4.5	
1418	1966	01	19	04	44	31.1	17.80	71.40	83.0	5.2	
1419	1966	01	20	07	14	4.2	14.90	75.70	46.0	4.9	

## EARTHQUAKE CATALOG OF PERU

VI-9

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1421	1966	01	22	14	05	41.3	10.30	74.70	95.0	4.2	
1422	1966	01	28	21	25	22.4	3.50	81.30	33.0	4.5	
1423	1966	01	31	13	54	27.2	1.50	78.00	196.0	4.6	
1427	1966	02	05	23	34	35.4	19.00	69.20	167.0	5.1	
1428	1966	02	07	08	41	18.4	14.40	73.80	7.0	4.9	
1429	1966	02	09	03	55	4.7	16.60	72.30	75.0	4.4	
1430	1966	02	09	15	13	29.2	15.20	75.30	45.0	5.5	5.6 PAL
1431	1966	02	09	20	30	23.2	1.70	77.90	167.0	4.9	
1432	1966	02	10	10	43	30.6	16.70	73.90	15.0	4.8	
1433	1966	02	14	16	34	43.9	13.20	75.40	104.0	4.6	
1437	1966	02	20	15	25	40.1	9.80	75.60	21.0	4.9	
1438	1966	02	23	18	10	21.9	15.40	72.70	115.0	4.9	
1439	1966	02	24	05	35	38.3	18.80	69.30	107.0	4.4	
1445	1966	03	08	20	46	11.4	20.00	68.90	112.0	5.7	5.3 BRK
1446	1966	03	11	01	48	35.1	19.60	69.30	111.0	5.4	4.9 BRK
1449	1966	03	17	10	59	2.6	19.40	70.50	50.0	4.3	
1452	1966	03	23	21	57	9.8	7.20	74.70	140.0	5.1	
1453	1966	03	24	14	17	30.0	10.20	79.10	48.0	5.4	ISC
1454	1966	03	28	15	29	21.2	4.00	80.90	39.0	5.6	5.0 BRK
1455	1966	03	28	17	42	44.2	4.00	80.80	20.0	5.5	5.0 BRK
1457	1966	03	28	18	56	19.7	4.00	80.70	39.0	4.3	
1458	1966	03	28	20	29	32.7	4.00	80.90	25.0	4.6	
1460	1966	04	03	09	17	26.2	10.20	79.60	17.0	4.6	
1462	1966	04	06	12	24	51.9	3.80	81.70	33.0	4.1	
1464	1966	04	11	06	46	7.5	19.90	68.60	85.0	4.6	
1465	1966	04	12	01	31	6.1	17.70	69.70	139.0	4.2	
1467	1966	04	27	13	53	51.7	17.60	70.90	42.0	4.4	
1469	1966	05	01	08	04	26.1	6.90	77.00	48.0	4.5	
1470	1966	05	01	16	22	55.5	8.40	74.30	154.0	5.8	6.8 PAS
1471	1966	05	02	10	55	48.9	8.30	74.10	160.0	4.9	
1472	1966	05	02	21	28	51.1	17.00	69.60	179.0	4.1	
1473	1966	05	02	21	34	0.0	16.80	68.90	139.0	4.3	
1475	1966	05	07	06	48	40.7	5.20	76.20	101.0	4.3	
1480	1966	05	15	20	16	4.1	1.50	78.00	195.0	4.1	
1481	1966	05	19	17	37	19.1	17.60	71.90	19.0	4.3	
1482	1966	05	20	06	41	5.5	19.40	69.80	98.0	3.8	
1483	1966	05	21	07	44	20.1	8.10	74.40	160.0	4.5	
1484	1966	05	24	20	51	1.5	2.30	77.60	28.0	4.2	
1485	1966	05	25	16	29	54.5	17.60	70.90	42.0	4.2	
1486	1966	05	25	23	21	27.6	9.60	77.10	165.0	4.2	
1487	1966	05	26	00	53	22.8	17.20	73.10	35.0	4.1	
1489	1966	05	31	08	50	19.8	8.40	74.40	160.0	4.8	
1490	1966	06	01	18	18	29.4	16.50	73.40	82.0	4.3	

VI-10

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1491	1966	06	02	17	05	40.0	15.60	71.90	131.0	4.6	6.3 PAS
1492	1966	06	02	17	49	45.9	14.10	75.80	63.0	4.2	
1493	1966	06	04	10	04	38.2	15.70	74.60	54.0	4.2	
1494	1966	06	04	14	48	9.1	15.80	74.40	36.0	4.2	
1495	1966	06	04	18	07	1.3	19.80	69.00	99.0	4.8	
1496	1966	06	05	00	53	1.2	6.30	81.40	33.0	4.3	
1497	1966	06	05	04	17	32.3	17.30	70.60	123.0	4.2	
1498	1966	06	05	19	03	10.2	9.80	71.00	590.0	3.8	
1499	1966	06	07	00	59	45.3	14.90	75.90	33.0	5.5	
1500	1966	06	07	01	20	6.4	14.90	76.20	35.0	4.4	
1502	1966	06	07	03	24	19.0	15.00	75.80	51.0	4.9	
1503	1966	06	07	15	14	42.9	15.10	75.80	56.0	4.9	
1504	1966	06	08	14	56	52.6	15.30	76.00	23.0	4.6	
1505	1966	06	08	23	11	19.3	19.70	69.30	122.0	4.1	
1506	1966	06	10	08	13	25.1	14.80	76.10	15.0	5.0	
1507	1966	06	10	14	13	42.3	14.40	75.40	25.0	4.5	
1508	1966	06	11	11	04	11.6	14.60	75.80	41.0	4.4	
1509	1966	06	14	08	54	49.5	18.20	68.60	83.0	4.4	
1510	1966	06	16	12	27	50.2	1.50	80.60	32.0	4.1	
1512	1966	06	19	15	40	48.1	14.80	75.80	33.0	5.1	
1515	1966	06	21	12	51	23.0	4.30	77.00	104.0	4.5	4.9 BRK
1516	1966	06	23	00	20	17.8	17.20	70.30	152.0	4.2	
1518	1966	06	30	10	49	52.4	6.80	76.80	21.0	4.8	
1519	1966	07	03	20	39	52.7	17.00	69.50	182.0	3.9	
1520	1966	07	05	23	50	17.8	15.80	75.80	38.0	4.8	
1521	1966	07	06	00	05	53.2	15.50	75.60	26.0	5.0	
1522	1966	07	13	08	32	48.8	2.20	77.40	144.0	4.3	
1523	1966	07	15	04	23	48.5	9.50	78.80	33.0	4.4	
1526	1966	07	21	05	54	11.9	15.20	70.80	214.0	4.0	
1527	1966	07	22	19	47	39.0	6.30	81.10	33.0	4.9	
1529	1966	07	26	21	53	33.3	11.20	74.90	98.0	4.5	
1530	1966	07	27	23	10	53.9	18.10	71.90	47.0	4.2	
1531	1966	07	29	08	26	4.2	12.70	71.10	43.0	4.3	
1532	1966	07	31	22	18	24.0	15.90	75.80	18.0	4.5	
1533	1966	08	01	09	48	2.5	1.20	78.60	61.0	4.7	
1534	1966	08	01	09	50	38.5	17.80	70.60	114.0	4.7	
1536	1966	08	06	14	38	43.7	7.40	74.70	156.0	5.1	
1537	1966	08	07	20	22	26.2	17.50	72.20	45.0	4.6	
1539	1966	08	09	15	02	32.8	17.40	69.60	168.0	3.8	
1540	1966	08	11	15	10	26.7	18.90	69.60	130.0	4.3	
1542	1966	08	20	07	43	27.8	3.20	77.30	115.0	5.5	
1544	1966	08	21	09	39	19.8	4.10	79.10	120.0	4.1	
1546	1966	08	24	07	17	17.6	19.90	69.10	100.0	5.5	



## EARTHQUAKE CATALOG OF PERU

VI-11

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1547	1966	08	24	15	41	1.4	7.70	74.30	142.0	4.2	
1548	1966	08	24	20	10	8.6	1.50	77.50	200.0	4.9	
1549	1966	08	26	14	37	26.3	13.70	76.80	50.0	4.4	
1552	1966	08	29	05	48	8.6	18.50	71.60	26.0	4.7	
1555	1966	09	03	22	42	17.9	3.60	77.80	167.0	4.0	
1556	1966	09	04	00	31	15.2	19.70	69.30	111.0	4.2	
1557	1966	09	04	05	37	49.9	17.90	74.00	9.0	5.0	
1558	1966	09	06	21	04	32.5	4.90	76.80	123.0	4.3	
1559	1966	09	07	10	20	46.1	9.30	74.60	105.0	4.5	
1560	1966	09	07	12	07	2.4	8.80	79.90	55.0	4.2	
1561	1966	09	09	04	04	5.0	8.30	74.20	166.0	5.0	
1563	1966	09	10	16	13	46.4	0.00	81.00	33.0	4.2	
1565	1966	09	15	19	17	35.4	20.00	69.10	131.0	4.4	
1566	1966	09	17	12	55	23.4	5.00	77.40	87.0	4.3	
1568	1966	09	20	14	32	43.2	15.20	75.50	34.0	4.8	
1569	1966	09	24	01	17	24.1	19.40	69.60	130.0	4.0	
1570	1966	09	25	05	57	26.2	19.70	69.50	125.0	5.1	
1571	1966	09	27	15	24	4.3	18.40	68.50	215.0	3.9	
1573	1966	09	30	09	29	11.7	18.20	69.60	122.0	5.1	
1574	1966	10	08	10	32	32.0	19.70	68.80	144.0	4.1	
1576	1966	10	10	20	28	33.2	19.70	70.80	36.0	4.4	
1578	1966	10	11	03	30	32.5	19.80	71.00	6.0	4.2	
1579	1966	10	12	18	27	48.9	4.70	80.90	45.0	4.6	
1580	1966	10	13	15	45	15.2	8.70	74.30	150.0	5.2	
1581	1966	10	14	22	42	51.0	6.80	71.20	631.0	3.9	
1582	1966	10	15	06	25	37.4	19.80	71.10	33.0	4.3	
1583	1966	10	16	06	48	37.4	19.80	71.00	27.0	5.0	
1584	1966	10	16	15	18	22.0	9.30	75.90	134.0	4.0	
1585	1966	10	16	22	19	17.8	19.90	71.00	33.0	3.8	
1586	1966	10	17	11	11	55.7	13.50	74.60	107.0	4.8	
1587	1966	10	17	21	41	54.7	10.70	78.80	24.0	6.3	
1588	1966	10	17	21	53	14.0	10.60	78.20	43.0	5.5	
1589	1966	10	17	22	26	40.4	10.70	78.70	25.0	5.1	
1590	1966	10	17	23	04	23.3	10.30	78.60	41.0	5.1	
1591	1966	10	17	23	32	37.3	10.70	78.80	30.0	5.0	
1592	1966	10	17	23	46	51.5	10.00	79.50	39.0	5.2	
1593	1966	10	18	01	03	44.0	10.80	78.90	40.0	4.3	
1595	1966	10	18	01	56	16.5	10.60	78.90	40.0	4.6	
1596	1966	10	18	04	42	55.3	11.30	78.50	25.0	4.4	
1597	1966	10	18	08	26	7.7	10.60	79.50	30.0	4.9	
1599	1966	10	18	11	02	2.9	10.80	79.20	25.0	4.6	
1600	1966	10	18	12	52	12.8	10.90	79.20	25.0	4.7	
1601	1966	10	19	00	51	4.3	10.80	79.00	25.0	4.5	

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1602	1966	10	19	02	17	44.3	10.30	79.50	33.0	5.0	
1603	1966	10	19	06	05	56.0	11.10	79.10	33.0	4.5	
1604	1966	10	19	07	25	41.7	11.40	78.40	30.0	4.4	
1605	1966	10	19	17	37	56.9	10.80	79.00	43.0	4.8	
1607	1966	10	20	22	22	48.6	12.00	71.70	41.0	4.5	
1608	1966	10	20	23	50	54.3	10.70	79.00	39.0	4.6	
1609	1966	10	23	03	46	15.0	11.10	79.10	32.0	4.6	
1610	1966	10	23	15	32	52.6	10.80	79.00	30.0	5.0	
1611	1966	10	25	14	53	9.0	10.70	78.80	51.0	4.5	
1613	1966	10	27	10	07	39.5	15.10	72.10	130.0	4.2	
1614	1966	10	27	12	08	34.1	10.00	79.50	33.0	5.0	
1616	1966	10	29	15	32	20.2	10.70	78.90	30.0	5.0	
1617	1966	10	29	15	42	12.2	10.70	79.00	30.0	4.7	
1618	1966	10	31	02	59	3.2	19.90	71.20	26.0	4.2	
1619	1966	11	03	13	26	34.0	15.40	75.30	73.0	4.4	
1620	1966	11	04	08	55	50.8	4.40	77.80	57.0	4.6	
1621	1966	11	04	09	15	1.0	4.40	77.80	86.0	4.5	
1623	1966	11	07	20	31	30.2	7.70	75.90	115.0	5.0	
1625	1966	11	09	02	01	58.1	14.90	71.70	132.0	4.5	
1627	1966	11	12	18	49	32.0	18.20	70.20	33.0	5.0	ISC
1628	1966	11	13	01	18	58.5	11.00	74.70	46.0	4.8	
1629	1966	11	13	14	24	39.8	8.30	74.20	172.0	4.9	
1631	1966	11	14	12	58	37.9	18.40	69.40	132.0	5.5	
1632	1966	11	14	21	44	31.7	19.10	69.20	125.0	4.5	
1634	1966	11	16	17	22	25.6	17.00	72.90	64.0	4.4	
1636	1966	11	19	18	20	29.2	10.70	79.10	26.0	4.8	
1637	1966	11	20	01	52	45.7	12.20	76.50	101.0	4.2	
1639	1966	11	25	19	01	23.0	11.30	73.70	33.0	4.8	ISC
1640	1966	12	01	00	17	48.4	15.20	73.10	62.0	4.4	
1643	1966	12	08	11	34	29.2	1.50	80.50	98.0	4.5	
1644	1966	12	09	10	06	54.6	14.20	70.10	215.0	4.9	
1645	1966	12	09	13	32	35.0	10.60	78.90	33.0	4.6	
1649	1966	12	14	08	39	45.0	12.60	75.00	98.0	4.3	
1651	1966	12	18	23	59	33.9	10.60	79.00	38.0	4.7	
1652	1966	12	19	02	10	31.6	16.00	71.90	115.0	4.9	
1654	1966	12	22	15	57	21.6	15.10	72.00	128.0	4.1	
1655	1966	12	23	18	59	5.1	7.40	74.70	139.0	5.2	
1656	1966	12	26	10	17	14.0	19.80	69.80	56.0	4.3	ISC
1657	1966	12	26	20	29	42.3	10.80	79.00	19.0	4.6	
1658	1967	01	01	09	55	11.3	17.19	70.68	123.0D	4.3	
1659	1967	01	03	04	55	57.5	1.25	77.68	195.0	4.3	
1661	1967	01	12	05	44	0.3	18.35	70.42	99.0	4.8	
1662	1967	01	20	00	59	41.9	15.23	73.52	105.0	4.7	

## EARTHQUAKE CATALOG OF PERU

VI-13

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1663	1967	01	22	11	50	49.9	19.10	69.11	130.0	4.4	
1664	1967	01	26	20	02	24.0	18.68	69.60	119.0	4.2	
1665	1967	01	27	08	38	51.2	8.86	71.42	600.0G	4.7	
1666	1967	01	29	18	27	44.1	4.63	77.84	74.0	4.2	
1667	1967	02	01	14	44	9.4	16.69	72.78	53.0	4.9	
1668	1967	02	04	05	42	49.6	19.82	69.25	118.0	4.3	
1669	1967	02	05	03	20	44.3	5.10	80.56	82.0	4.1	
1672	1967	02	08	13	42	16.6	19.17	69.62	112.0	4.1	
1673	1967	02	10	06	51	37.0	16.32	69.58	288.0	4.2	
1674	1967	02	11	19	25	2.5	15.13	72.03	133.0	4.0	
1675	1967	02	13	10	25	44.0	5.18	75.41	39.0	5.3	
1676	1967	02	15	16	11	11.5	9.07	71.38	595.0	6.1	6.9 PAS
1678	1967	02	17	23	26	46.8	15.91	71.23	88.0	4.4	
1681	1967	03	02	02	47	32.4	0.23	78.61	124.0	5.8	5.0 BRK
1682	1967	03	05	10	13	30.1	1.43	77.81	213.0	3.7	
1683	1967	03	07	15	30	26.9	1.61	78.27	164.0D	4.2	
1685	1967	03	09	19	56	59.4	17.65	69.68	157.0D	4.3	
1686	1967	03	09	20	12	33.9	19.13	69.60	115.0	4.4	
1688	1967	03	19	21	42	42.8	10.80	74.79	128.0	4.3	
1689	1967	03	22	05	05	18.8	10.77	78.96	33.0N	4.7	
1690	1967	03	22	05	20	15.8	11.07	79.24	33.0N	4.6	
1691	1967	03	24	15	38	48.3	6.72	74.98	138.0	4.8	
1692	1967	03	25	20	32	1.7	8.34	71.32	583.0	4.2	
1693	1967	03	26	23	56	48.2	10.36	73.85	133.0	4.5	
1694	1967	03	27	08	26	34.6	8.91	71.35	605.0D	5.3	
1696	1967	03	28	04	51	32.2	5.03	81.04	60.0G	4.4	
1697	1967	03	31	08	24	3.5	2.34	76.39	177.0	3.9	
1698	1967	04	02	01	35	34.9	8.63	75.87	28.0	4.6	
1699	1967	04	02	01	58	15.4	10.25	75.80	33.0N	4.5	
1702	1967	04	05	18	12	2.3	16.21	73.29	89.0	4.4	
1703	1967	04	07	06	29	57.9	16.12	72.90	101.0	4.3	
1704	1967	04	10	01	57	42.8	8.53	72.93	272.0	4.2	
1705	1967	04	13	05	30	4.0	6.16	76.52	41.0	4.8	
1706	1967	04	18	09	48	50.2	1.15	80.89	47.0	4.2	
1707	1967	04	19	06	26	59.0	1.12	80.90	58.0	4.5	
1708	1967	04	21	22	57	43.4	16.47	69.68	213.0	4.3	
1709	1967	04	22	19	29	33.3	5.76	79.82	33.0N	4.3	
1710	1967	04	24	14	54	42.2	6.31	80.39	198.0	4.2	
1711	1967	04	28	17	45	16.8	2.78	79.43	82.0	4.3	
1712	1967	04	29	02	21	17.3	3.99	76.14	124.0	4.4	
1713	1967	04	30	08	39	7.8	8.49	74.87	136.0D	4.9	
1714	1967	05	05	16	36	24.9	18.82	71.22	30.0	4.0	
1721	1967	05	15	17	08	57.2	10.27	74.62	117.0	5.0	

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1722	1967	05	16	00	57	56.6	15.84	75.29	33.0N	4.7	
1724	1967	05	17	07	16	50.5	8.43	80.12	45.0	4.3	
1725	1967	05	18	07	48	51.8	0.96	78.78	14.0	4.4	
1726	1967	05	20	06	33	42.9	16.17	75.31	33.0N	4.7	
1728	1967	06	01	09	44	6.9	9.80	75.70	28.0	4.4	
1729	1967	06	03	06	11	7.8	10.80	79.00	33.0	4.6	
1730	1967	06	03	13	08	6.8	8.50	74.40	152.0	5.2	
1732	1967	06	04	18	28	39.6	15.50	75.70	38.0	4.7	
1733	1967	06	07	11	39	49.1	1.00	78.70	26.0	4.4	
1734	1967	06	08	18	10	0.4	11.30	76.90	145.0	4.3	
1735	1967	06	09	01	00	29.9	18.60	71.50	35.0	4.2	
1738	1967	06	11	06	53	29.8	8.20	74.20	181.0	4.0	
1739	1967	06	14	03	14	17.5	14.90	73.40	99.0	5.6	
1740	1967	06	16	10	01	34.7	15.00	75.60	22.0	4.6	
1741	1967	06	18	13	10	54.3	4.00	81.10	58.0	4.3	
1743	1967	06	21	06	49	56.6	2.20	77.60	49.0	5.3	
1744	1967	06	22	12	06	24.0	2.40	78.20	71.0	4.1	ISC
1745	1967	06	22	13	49	48.7	2.30	77.60	33.0	4.8	
1746	1967	06	22	20	53	55.4	2.40	77.80	14.0	4.1	
1748	1967	06	24	07	16	40.6	2.40	80.00	111.0	4.1	
1749	1967	06	24	18	07	28.5	15.50	74.00	90.0	4.9	
1752	1967	06	26	10	57	58.9	11.30	74.90	47.0	4.2	
1753	1967	06	26	13	01	12.6	11.30	75.10	53.0	4.3	
1754	1967	07	03	05	28	11.4	16.00	74.90	40.0	4.7	
1755	1967	07	03	23	58	14.2	8.50	74.40	92.0	4.4	
1757	1967	07	07	10	26	57.7	13.30	77.10	121.0	4.3	
1758	1967	07	08	10	24	56.4	8.79	74.48	158.0	4.6	ISC
1759	1967	07	13	14	20	38.7	15.20	74.90	74.0	5.2	
1760	1967	07	13	21	01	35.7	1.50	77.40	199.0	4.6	
1761	1967	07	14	03	19	26.8	17.60	72.30	37.0	5.1	
1762	1967	07	14	10	08	45.5	6.40	77.40	146.0	4.6	
1763	1967	07	15	06	10	41.0	19.40	69.30	126.0	3.6	
1765	1967	07	18	09	07	0.2	9.00	80.70	33.0	4.2	
1766	1967	07	18	14	16	10.0	18.70	71.30	27.0	4.2	
1768	1967	07	20	20	24	38.0	15.60	71.10	17.0	4.5	
1769	1967	07	24	04	35	51.2	2.40	77.90	33.0	4.1	
1770	1967	07	24	04	45	23.2	11.30	79.50	33.0	4.8	
1771	1967	07	24	10	13	57.0	13.52	76.34	63.0	4.7	ISC
1772	1967	07	24	11	19	32.6	17.16	72.12	100.0	4.2	ISC
1774	1967	07	29	09	48	32.5	1.10	78.50	28.0	4.0	
1777	1967	08	01	01	13	42.6	13.00	76.80	66.0	5.5	
1778	1967	08	01	16	49	57.6	8.50	75.00	118.0	4.4	
1779	1967	08	03	12	40	21.1	13.50	74.80	116.0	5.2	

## EARTHQUAKE CATALOG OF PERU

VI-15

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1781	1967 08 05	14 46 32.9	8.20	75.10	132.0	4.3	
1782	1967 08 06	08 07 20.7	17.00	69.50	192.0	4.0	
1783	1967 08 09	07 14 8.1	8.50	73.80	46.0	5.0	
1785	1967 08 16	02 37 11.9	14.20	75.60	86.0	4.2	
1786	1967 08 18	19 05 7.9	5.00	81.40	55.0	4.3	
1787	1967 08 22	07 42 44.7	11.00	78.20	53.0	5.0	
1788	1967 08 22	08 55 54.6	19.70	70.70	46.0	4.8	
1789	1967 08 22	09 59 34.5	12.50	76.80	57.0	4.8	
1791	1967 08 23	00 09 26.0	19.70	71.00	29.0	4.6	
1792	1967 08 23	02 40 23.3	19.60	71.10	37.0	4.2	
1793	1967 08 23	09 21 59.4	4.30	81.50	33.0	5.0	
1796	1967 08 28	00 56 51.0	10.00	71.20	609.0	4.7	
1798	1967 08 31	14 06 36.5	10.30	78.10	62.0	5.0	
1799	1967 09 03	21 07 30.8	10.60	79.80	38.0	6.5	
1800	1967 09 04	05 32 15.3	10.40	79.30	46.0	4.7	
1801	1967 09 04	16 06 8.7	9.20	77.30	33.0	4.8	
1803	1967 09 12	10 16 49.2	19.70	69.90	125.0	4.5	
1804	1967 09 13	15 13 46.9	10.50	79.50	33.0	4.7	
1805	1967 09 14	03 58 29.1	18.10	71.60	33.0	4.1	
1806	1967 09 20	09 33 54.1	8.00	74.50	145.0	5.1	
1807	1967 09 25	04 00 39.5	15.80	75.10	16.0	4.4	
1808	1967 09 25	04 03 50.1	15.90	75.20	33.0	4.7	
1809	1967 09 26	01 35 4.1	17.50	73.30	22.0	4.5	
1810	1967 09 27	06 02 39.5	7.30	81.30	37.0	5.1	
1811	1967 09 29	02 48 21.2	19.74	68.99	124.0	4.1	ISC
1812	1967 10 01	12 22 46.1	2.30	79.90	68.0	4.5	
1813	1967 10 05	09 41 31.4	14.50	75.40	100.0	5.6	
1814	1967 10 06	08 20 59.0	4.00	75.00	33.0	4.1	ISC
1815	1967 10 06	14 45 19.4	1.50	77.80	167.0	4.1	
1817	1967 10 11	20 28 10.2	10.30	71.20	585.0	5.0	
1818	1967 10 14	01 07 15.0	1.11	80.40	82.0	4.0	ISC
1819	1967 10 15	21 11 10.8	3.80	78.30	10.0	4.4	
1820	1967 10 16	01 31 49.6	10.70	77.60	89.0	4.7	
1823	1967 10 22	04 40 53.1	17.00	69.90	161.0	4.1	
1824	1967 10 22	06 39 5.3	0.72	78.70	33.0	3.9	ISC
1825	1967 10 22	23 46 35.8	14.80	76.00	39.0	4.4	
1826	1967 10 24	15 17 54.0	2.40	79.00	123.0	5.0	
1827	1967 10 27	06 29 33.8	8.40	74.20	144.0	4.7	
1828	1967 10 30	02 52 6.4	0.59	78.54	33.0	4.5	ISC
1829	1967 10 30	14 00 57.0	19.30	69.80	33.0	4.3	ISC
1830	1967 11 03	08 15 34.4	7.60	81.40	14.0	5.2	
1831	1967 11 04	16 26 48.2	2.80	77.70	99.0	6.0	
1832	1967 11 05	21 38 52.0	16.20	69.40	235.0	3.8	

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1834	1967	11	08	10	47	45.3	20.00	70.30	80.0	4.6	
1838	1967	11	15	18	37	31.0	2.00	81.00	33.0	4.7	
1839	1967	11	15	19	29	53.1	15.90	73.60	81.0	4.4	
1840	1967	11	19	06	58	54.7	1.10	78.30	8.0	4.2	
1841	1967	11	19	19	41	38.9	19.30	70.50	59.0	4.0	
1842	1967	11	21	12	05	9.6	16.10	74.40	36.0	4.3	
1843	1967	11	23	22	42	54.9	10.00	75.60	122.0	4.2	
1846	1967	11	29	02	59	47.7	11.10	74.30	33.0	4.4	ISC
1847	1967	11	30	18	05	19.2	8.10	80.20	45.0	5.1	
1848	1967	12	08	12	14	39.9	15.50	71.80	156.0	3.6	
1849	1967	12	09	09	25	39.8	17.10	70.70	76.0	4.7	
1852	1967	12	11	14	16	7.1	5.50	77.70	118.0	4.7	
1854	1967	12	16	03	19	13.4	2.90	77.00	121.0	5.0	
1856	1967	12	19	14	14	41.7	16.10	75.10	47.0	4.4	
1857	1967	12	21	05	17	54.2	18.00	69.30	158.0	4.3	
1858	1967	12	21	07	50	34.8	16.40	72.60	99.0	5.0	
1859	1967	12	23	02	40	8.3	9.90	74.70	126.0	5.1	
1860	1967	12	23	22	57	43.7	6.60	78.50	43.0	4.5	
1861	1967	12	26	23	46	24.6	10.70	73.90	120.0	4.4	
1862	1967	12	27	06	40	23.0	19.70	69.10	125.0	4.4	ISC
1863	1967	12	29	23	57	48.5	7.90	74.40	135.0	4.3	
1865	1968	01	01	01	02	58.0	9.10	80.40	33.0	4.1	ISC
1866	1968	01	01	08	16	15.3	11.20	76.00	132.0	4.4	
1867	1968	01	04	03	39	25.9	9.50	75.50	94.0	4.4	
1868	1968	01	06	14	32	35.7	8.60	74.30	155.0	4.3	
1869	1968	01	08	18	44	24.5	18.60	69.90	116.0	5.4	
1871	1968	01	11	02	43	40.1	16.90	71.50	89.0	4.4	
1873	1968	01	15	08	18	11.2	2.20	78.60	121.0	4.0	
1874	1968	01	22	03	44	58.9	8.40	74.20	168.0	4.4	
1875	1968	01	28	04	37	58.0	17.20	71.90	72.0	4.1	ISC
1876	1968	01	30	09	24	45.0	14.50	70.10	85.0	4.2	ISC
1877	1968	01	31	14	11	35.9	16.30	73.80	62.0	3.9	
1878	1968	02	03	11	43	4.4	12.20	76.30	46.0	5.0	
1879	1968	02	04	11	27	24.8	19.60	68.20	114.0	5.3	
1880	1968	02	05	01	35	58.4	16.00	69.00	177.0	3.9	
1881	1968	02	08	22	50	4.6	9.10	71.40	593.0	4.7	
1882	1968	02	14	23	20	39.2	18.40	69.30	139.0	4.4	
1884	1968	02	18	10	53	59.9	18.30	71.90	31.0	5.1	
1885	1968	02	19	02	57	57.0	10.60	80.00	33.0	4.4	ISC
1886	1968	02	24	07	31	35.2	15.70	71.20	60.0	4.5	
1887	1968	03	03	16	16	28.7	2.40	76.50	150.0	4.3	
1889	1968	03	04	21	55	2.9	8.90	74.30	51.0	4.5	
1890	1968	03	08	04	08	36.5	2.00	76.80	160.0	4.1	

## EARTHQUAKE CATALOG OF PERU

VI-17

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
1891	1968	03	08	08 23 0.0	4.20	77.90	106.0	4.2	
1893	1968	03	12	12 35 52.0	11.40	76.90	31.0	4.5	
1894	1968	03	15	04 17 3.0	17.63	71.70	54.0	4.3	ISC
1896	1968	03	21	21 24 49.4	1.10	78.70	39.0	4.2	
1897	1968	03	22	03 24 4.8	13.20	74.70	104.0	4.4	
1898	1968	03	25	11 40 55.1	16.40	72.61	128.0	3.9	ISC
1900	1968	04	04	02 46 14.8	2.60	79.00	90.0	4.0	
1901	1968	04	07	13 16 31.6	11.20	79.30	14.0	4.5	
1902	1968	04	07	23 49 4.5	5.00	78.00	68.0	4.9	
1903	1968	04	11	01 01 14.6	14.60	71.00	41.0	4.4	
1904	1968	04	11	11 41 42.7	19.10	69.40	137.0	4.0	
1905	1968	04	15	07 47 40.3	5.80	80.90	35.0	4.9	
1906	1968	04	17	06 54 19.6	5.60	77.10	36.0	4.9	
1907	1968	04	20	14 07 23.3	8.30	80.10	38.0	4.6	
1908	1968	04	21	22 10 41.0	17.40	72.40	43.0	4.5	
1909	1968	04	23	13 48 38.5	1.00	80.60	32.0	4.3	
1910	1968	04	24	02 54 20.0	1.10	80.30	63.0	3.9	
1911	1968	04	26	11 54 47.7	14.40	70.50	212.0	4.9	
1913	1968	04	29	03 15 35.0	16.30	74.80	33.0	4.3	ISC
1914	1968	04	29	22 26 54.4	2.60	77.20	131.0	4.7	
1916	1968	05	09	12 52 24.4	5.31	81.72	35.0D	5.6	
1917	1968	05	09	13 35 52.5	5.20	82.00	33.0	4.0	ISC
1918	1968	05	09	18 32 33.3	18.40	69.36	125.0D	5.0	
1920	1968	05	16	08 25 9.2	3.75	76.60	113.0	5.4	
1921	1968	05	21	14 44 58.3	15.86	72.97	111.0	4.1	
1922	1968	05	22	09 35 30.0	5.50	81.60	77.0	4.3	ISC
1923	1968	05	25	04 00 24.0	19.84	68.50	201.0	4.0	
1924	1968	05	27	04 15 37.0	8.10	76.90	103.0	4.2	ISC
1925	1968	05	27	07 24 24.1	16.73	72.00	114.0	4.0	ISC
1926	1968	05	27	18 25 1.0	7.22	80.60	33.0N	4.8	
1927	1968	06	05	13 53 51.0	7.90	74.42	157.0	4.4	
1929	1968	06	12	10 50 6.0	19.15	70.74	33.0N	4.3	
1930	1968	06	12	13 18 35.0	19.41	69.49	121.0	4.1	
1932	1968	06	17	03 08 22.0	2.90	79.20	105.0	4.1	ISC
1933	1968	06	18	11 35 15.9	19.77	69.66	230.0G	4.7	
1934	1968	06	19	08 13 35.0	5.56	77.15	28.0	6.4	6.9 H
1935	1968	06	19	08 36 26.7	5.30	77.13	33.0	4.7	ISC
1936	1968	06	19	08 38 13.0	3.40	77.30	405.0	4.4	ISC
1938	1968	06	19	09 01 59.0	5.90	77.20	147.0	4.3	ISC
1939	1968	06	19	09 04 59.0	5.40	76.86	255.0	4.3	ISC
1940	1968	06	19	09 05 48.9	5.37	77.26	26.0	5.3	ISC
1941	1968	06	19	09 11 21.0	4.10	77.40	278.0	4.4	ISC
1942	1968	06	19	09 17 20.9	5.75	77.00	91.0	4.6	ISC

VI-18

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1943	1988	06	19	09	27	11.0	5.56	76.95	33.0N	4.3	
1944	1988	06	19	09	28	1.0	5.70	77.12	38.0	4.7	
1946	1988	06	19	10	18	46.3	5.57	77.16	33.0N	4.9	
1948	1988	06	19	10	57	25.0	5.53	77.09	33.0N	4.7	
1949	1988	06	19	11	00	6.0	5.30	77.12	33.0	4.5	ISC
1951	1988	06	19	12	46	13.0	5.62	77.31	33.0N	4.7	
1954	1988	06	19	16	54	30.0	5.64	77.17	33.0N	4.8	
1956	1988	06	19	17	07	44.5	5.52	77.25	33.0N	5.0	
1957	1988	06	19	18	54	51.0	6.60	77.20	220.0	3.9	ISC
1958	1988	06	19	21	19	11.2	5.66	77.10	33.0	4.5	ISC
1959	1988	06	19	23	38	58.5	5.70	77.18	33.0N	5.1	4.4 H
1960	1988	06	20	00	11	19.0	5.53	77.32	33.0N	4.4	
1962	1988	06	20	00	47	48.0	5.51	76.97	33.0N	4.4	
1963	1988	06	20	02	38	38.4	5.59	77.33	33.0N	5.8	5.7 H
1964	1988	06	20	05	44	45.0	5.47	77.25	33.0N	4.3	
1965	1988	06	20	08	11	10.5	5.76	77.33	33.0N	5.3	
1966	1988	06	20	15	51	56.5	5.72	77.25	33.0N	4.7	4.7 H
1968	1988	06	21	00	26	7.8	5.72	77.28	22.0	5.6	
1969	1988	06	21	02	19	59.0	5.55	77.06	33.0	4.3	
1970	1988	06	21	07	24	17.0	5.45	77.31	25.0	4.8	
1971	1988	06	21	07	31	17.3	5.49	77.23	33.0N	4.9	
1972	1988	06	21	12	28	54.0	5.49	77.19	15.0G	4.4	
1974	1988	06	22	04	02	19.5	5.74	77.07	25.0D	4.6	
1975	1988	06	22	04	24	45.0	5.58	76.99	33.0N	4.6	
1976	1988	06	22	04	29	8.9	18.07	71.00	83.0	3.9	ISC
1977	1988	06	22	09	16	50.0	5.51	77.03	34.0	4.6	
1979	1988	06	22	18	34	7.0	5.50	77.11	33.0	4.5	
1980	1988	06	22	20	16	55.0	5.60	77.25	33.0N	4.4	
1981	1988	06	23	11	26	19.0	15.38	70.41	215.0	4.4	
1983	1988	06	23	19	18	29.0	7.10	76.70	33.0	4.3	ISC
1984	1988	06	24	02	59	34.0	5.76	77.34	33.0N	4.4	
1985	1988	06	24	10	58	59.0	5.53	77.10	23.0	4.2	
1986	1988	06	24	14	03	48.0	5.76	77.14	53.0D	4.7	
1987	1988	06	25	03	03	4.0	6.20	76.50	224.0	3.7	ISC
1989	1988	06	26	04	53	45.3	5.69	77.20	27.0	4.9	
1990	1988	06	26	05	17	33.2	6.40	77.20	194.0	3.8	ISC
1992	1988	06	26	06	46	41.0	6.20	76.70	153.0	4.1	ISC
1993	1988	06	26	16	31	20.0	17.13	70.75	119.0	4.2	
1994	1988	06	26	16	34	12.7	5.58	77.17	34.0	5.0	
1995	1988	06	26	20	51	9.6	5.58	77.29	33.0N	4.4	
1996	1988	06	27	07	10	35.0	5.57	77.07	37.0	4.4	
1997	1988	06	27	09	35	40.0	5.76	76.60	67.0	4.0	ISC
1998	1988	06	27	10	27	4.0	5.96	77.80	114.0	4.3	ISC



## EARTHQUAKE CATALOG OF PERU

VI-19

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
1999	1968 08 27	11 47 45.0	7.54	74.25	102.0	4.5	5.2 H
2000	1968 08 27	12 16 52.0	11.42	74.62	13.0	4.6	
2001	1968 08 29	18 43 26.0	5.55	77.05	33.0N	4.5	
2002	1968 08 30	02 09 47.0	5.36	77.15	24.0	4.1	
2003	1968 07 01	11 08 23.0	5.68	77.14	52.0	4.8	
2006	1968 07 05	06 45 42.0	5.49	77.63	33.0N	4.4	
2007	1968 07 07	12 35 50.0	5.42	76.87	34.0	4.4	
2008	1968 07 07	23 48 8.2	5.76	77.14	27.0	5.5	
2010	1968 07 08	08 45 47.0	5.69	77.06	33.0N	4.8	
2011	1968 07 09	05 13 45.2	2.31	76.67	156.0	4.0	
2012	1968 07 14	10 01 11.0	5.43	77.29	33.0N	4.5	6.4 H
2014	1968 07 16	12 30 57.0	5.69	77.19	33.0N	4.6	
2015	1968 07 16	13 18 43.2	5.68	77.16	27.0D	5.0	
2016	1968 07 16	14 01 51.0	5.69	77.02	33.0N	4.5	
2017	1968 07 23	07 14 48.3	5.86	77.02	116.0	4.0	
2018	1968 07 24	22 31 40.4	2.55	77.81	79.0	4.9	
2020	1968 07 26	14 00 3.6	8.57	74.23	151.0	5.2	
2021	1968 07 27	22 06 9.0	5.50	76.63	139.0	4.2	
2022	1968 07 27	23 18 28.7	16.34	69.24	214.0	4.2	
2023	1968 07 28	18 36 10.3	5.61	76.95	46.0	5.0	
2024	1968 07 29	05 57 5.9	19.16	69.77	71.0D	5.2	4.3 H
2025	1968 07 30	20 38 42.0	6.93	80.46	37.0	5.8	
2028	1968 08 02	10 09 30.9	5.75	77.43	76.0	4.3	
2029	1968 08 03	04 23 3.0	14.89	75.78	68.0	4.3	
2030	1968 08 05	04 20 44.4	8.77	71.17	564.0	3.8	
2031	1968 08 05	14 23 44.4	12.82	76.80	78.0	4.4	
2032	1968 08 11	02 41 52.8	15.19	73.97	91.0D	5.6	
2033	1968 08 18	06 38 25.8	6.75	78.41	156.0	3.9	
2035	1968 08 22	20 38 13.6	15.35	70.86	178.0	4.5	
2036	1968 08 24	06 40 49.4	5.74	76.93	102.0	4.4	
2040	1968 08 27	05 17 35.5	8.98	72.84	49.0	4.9	4.3 H
2041	1968 08 27	11 19 14.6	5.81	77.35	26.0	4.9	
2042	1968 08 29	04 02 9.2	11.05	76.56	106.0	4.3	
2043	1968 09 02	23 01 53.4	5.95	77.41	104.0	4.3	
2044	1968 09 04	11 11 50.6	17.84	69.65	137.0	3.8	
2045	1968 09 06	07 49 42.0	5.77	80.26	66.0D	5.3	
2046	1968 09 07	17 41 56.8	5.53	76.87	63.0	5.0	
2047	1968 09 09	00 35 18.4	8.67	74.48	144.0D	5.3	
2048	1968 09 09	00 37 43.2	8.73	74.52	120.0	6.0	
2049	1968 09 09	08 22 13.5	19.48	69.76	118.0	4.3	
2050	1968 09 09	19 57 39.9	2.89	80.83	56.0	4.5	ISC
2051	1968 09 10	12 00 39.4	19.38	68.67	142.0	4.0	
2054	1968 09 14	18 53 19.9	15.12	70.76	189.0	4.4	

VI-20

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2055	1968	09	15	10	14	10.0	19.78	69.54	111.0	4.2	6.0 PAS
2056	1968	09	17	21	49	58.7	13.73	75.90	97.0	4.5	
2057	1968	09	18	04	23	40.3	9.27	75.72	41.0	4.3	
2059	1968	09	21	14	44	24.6	11.85	75.11	7.0	5.0	
2060	1968	09	22	09	06	25.7	0.43	81.38	33.0N	4.1	
2063	1968	09	23	04	33	46.7	3.82	77.32	135.0	3.9	
2064	1968	09	28	13	53	35.3	13.16	76.38	70.0G	6.0	
2066	1968	10	12	07	54	37.8	1.60	77.65	185.0	4.4	
2067	1968	10	13	21	34	24.6	10.02	74.79	33.0D	4.8	
2068	1968	10	18	19	59	21.3	4.11	80.79	61.0	4.7	
2069	1968	10	19	00	54	58.7	17.59	69.26	159.0	4.2	5.6 H
2070	1968	10	24	01	29	42.6	19.61	68.93	107.0D	5.3	
2072	1968	10	27	14	02	54.1	16.95	70.18	159.0	4.5	
2073	1968	10	30	15	56	23.1	1.37	77.34	163.0	3.9	
2074	1968	10	31	09	15	46.9	16.29	73.30	67.0D	5.7	
2077	1968	11	07	02	44	30.1	5.90	77.15	42.0	4.3	
2078	1968	11	07	10	13	39.8	16.39	73.46	50.0	5.0	
2079	1968	11	07	18	17	16.2	4.13	80.53	65.0	4.8	
2080	1968	11	09	23	23	36.2	1.23	77.52	216.0D	4.5	
2083	1968	11	19	07	18	56.2	5.36	77.31	20.0G	4.7	
2084	1968	11	22	08	47	30.8	15.75	74.03	89.0	4.3	5.6 H
2085	1968	11	25	02	13	5.0	10.94	76.23	156.0	4.7	
2086	1968	11	28	02	23	22.1	18.13	69.51	140.0	4.5	
2088	1968	11	30	09	47	59.8	2.73	76.71	126.0D	4.6	
2089	1968	11	30	19	59	35.3	8.27	79.90	33.0N	4.7	
2091	1968	12	01	04	08	21.4	3.42	79.43	112.0	4.3	
2092	1968	12	01	13	14	50.6	10.56	74.87	5.0	5.4	
2094	1968	12	04	11	44	1.9	10.99	74.80	25.0	4.8	
2095	1968	12	04	15	41	37.6	1.32	78.42	31.0	4.3	
2096	1968	12	04	18	04	12.3	15.48	70.46	203.0	4.3	
2098	1968	12	10	00	58	59.4	5.76	77.44	85.0	4.4	5.6 H
2099	1968	12	12	23	41	36.5	14.96	73.57	103.0	5.0	
2101	1968	12	21	15	28	33.5	17.56	69.55	95.0G	4.6	
2103	1968	12	27	02	04	51.4	17.29	69.40	173.0	4.9	
2105	1968	12	28	09	47	47.9	18.24	69.32	150.0G	4.4	
2106	1968	12	28	12	41	39.8	8.96	81.39	33.0N	5.1	
2108	1968	12	30	14	39	22.0	15.80	70.75	63.0	5.2	
2111	1969	01	06	20	18	31.3	18.44	70.70	72.0	4.9	
2112	1969	01	10	13	37	24.0	13.16	69.21	636.0	4.0	
2113	1969	01	12	14	12	53.0	14.14	72.75	113.0	5.2	
2114	1969	01	13	05	02	32.4	13.60	77.75	93.0	4.3	5.6 H
2115	1969	01	14	09	51	29.6	8.64	74.38	150.0G	4.5	
2121	1969	01	30	12	57	28.7	6.39	81.28	91.0	4.4	

## EARTHQUAKE CATALOG OF PERU

VI-21

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2122	1969	02	03	06	10	15.9	15.41	75.84	84.0	4.5	
2123	1969	02	03	21	37	33.5	5.74	77.09	40.0	4.9	
2124	1969	02	04	04	10	13.3	8.23	80.16	16.0	6.0	5.9 H
											6.5 PAS
2127	1969	02	14	00	40	31.3	8.35	80.06	22.0	4.8	5.2 H
2128	1969	02	17	01	11	48.7	8.01	80.09	33.0N	4.4	
2129	1969	02	21	00	52	8.6	8.93	75.39	135.0	4.4	
2130	1969	02	22	01	19	21.0	2.60	76.37	142.0D	4.5	
2131	1969	02	23	12	51	31.4	15.57	75.76	33.0N	4.8	
2132	1969	02	23	15	56	13.1	6.70	74.48	33.0	4.5 ISC	
2133	1969	02	25	00	42	2.3	16.30	69.60	140.0	4.0 ISC	
2134	1969	02	27	05	09	30.5	13.95	74.34	111.0	5.2	
2136	1969	03	04	00	11	39.0	6.32	76.73	203.0	4.5	
2137	1969	03	05	00	57	55.1	19.84	69.10	240.0	4.0 ISC	
2139	1969	03	05	23	18	59.6	6.57	76.20	33.0	4.6	
2140	1969	03	08	13	37	5.6	5.53	77.06	44.0	4.6	
2141	1969	03	11	17	50	16.8	9.44	78.75	80.0	4.8	
2142	1969	03	13	22	19	37.2	8.03	80.08	38.0D	5.4	5.1 H
2144	1969	03	15	13	06	28.8	13.52	74.43	112.0	4.7	
2146	1969	03	21	23	34	41.5	5.64	77.16	51.0	4.7	
2149	1969	03	26	01	14	31.0	15.03	75.37	29.0	4.9	
2150	1969	03	30	05	05	38.1	4.28	80.67	69.0	4.5	
2151	1969	03	30	20	14	6.6	1.97	77.14	173.0D	4.7	
2153	1969	04	03	03	47	18.0	11.40	76.60	33.0	4.8 ISC	
2159	1969	04	16	09	27	37.4	16.60	73.71	56.0	4.4	
2160	1969	04	19	09	21	46.4	5.32	77.17	26.0	5.0	
2161	1969	04	20	04	30	48.9	14.34	72.07	105.0G	4.4	
2162	1969	04	20	10	16	47.2	17.63	69.60	149.0	4.2	
2163	1969	04	21	08	57	20.1	18.19	69.44	136.0	4.0	
2164	1969	05	03	04	09	30.6	5.58	77.23	21.0	4.3	
2168	1969	05	17	06	39	33.1	18.98	69.36	120.0G	4.1	
2169	1969	05	18	08	28	14.0	19.90	69.18	124.0	4.3	
2170	1969	05	18	20	01	34.0	5.49	77.00	61.0	4.3	
2172	1969	05	20	13	04	53.9	0.99	80.52	50.0	4.2	
2174	1969	05	21	20	35	58.4	1.86	79.51	126.0	3.8	
2175	1969	05	25	05	20	59.2	11.40	79.54	33.0N	4.2	
2177	1969	05	28	09	52	35.8	1.23	77.26	201.0	4.0	
2178	1969	05	28	13	30	8.9	2.09	76.93	177.0D	5.5	5.4 BRK
2179	1969	05	31	11	07	17.1	1.75	77.74	172.0	5.1	4.8 BRK
2180	1969	05	31	15	54	45.0	16.72	69.93	204.0	3.9	
2181	1969	06	01	06	07	11.3	9.78	78.91	44.0	4.8	
2182	1969	06	01	13	15	57.1	16.42	73.70	48.0	4.5	
2183	1969	06	02	11	07	36.6	8.40	74.32	149.0	5.0	

VI-22

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2184	1969	06	07	08	27	32.8	2.15	79.84	90.0D	4.5	4.5 H
2185	1969	06	09	17	44	56.7	8.49	80.54	33.0N	4.9	
2186	1969	06	11	21	15	32.6	8.59	79.69	81.0	5.0	
2188	1969	06	13	16	19	1.4	6.06	82.10	32.0	4.9	
2189	1969	06	16	17	15	9.6	17.19	72.81	80.0	4.4	
2191	1969	06	21	15	52	10.2	14.88	75.80	44.0	4.7	5.0 H 4.8 GOL
2192	1969	06	22	12	31	1.9	13.93	75.21	123.0	4.4	
2194	1969	06	30	08	27	21.5	3.56	76.97	71.0	4.6	
2195	1969	06	30	20	03	23.6	16.14	73.78	66.0	4.6	
2196	1969	07	03	12	31	44.0	5.36	80.93	74.0	4.4	
2197	1969	07	04	06	32	43.4	4.09	80.92	33.0N	4.5	5.1 H 4.8 PAL
2198	1969	07	04	07	21	49.7	4.13	81.01	35.0	4.4	
2199	1969	07	05	04	55	33.7	5.64	77.16	37.0	5.2	
2201	1969	07	10	09	52	36.1	8.68	80.78	33.0N	4.6	
2202	1969	07	11	13	51	25.7	4.17	76.55	122.0D	4.6	
2203	1969	07	13	05	45	0.3	18.07	69.44	140.0	4.7	5.7 PAS
2204	1969	07	15	08	49	35.3	16.54	69.53	209.0	4.1	
2205	1969	07	15	16	56	50.7	8.41	74.42	166.0	4.7	
2206	1969	07	19	04	54	54.1	17.25	72.52	54.0D	5.9	
2207	1969	07	23	01	15	32.7	14.60	71.70	134.0	4.4	
2208	1969	07	24	02	59	21.0	11.85	75.13	1.0	5.9	5.7 H 5.6 BRK
2209	1969	07	24	04	32	36.8	11.80	75.17	1.0G	4.6	
2210	1969	07	24	06	33	7.8	11.86	75.06	1.0G	4.8	
2211	1969	07	24	08	00	42.3	11.69	75.07	33.0	4.4 ISC	
2212	1969	07	27	13	11	31.4	14.83	75.39	45.0	4.3	
2213	1969	08	01	02	22	39.4	11.78	75.15	1.0	4.7	5.7 H 5.6 BRK
2214	1969	08	01	05	58	36.7	11.77	75.18	33.0	4.2 ISC	
2215	1969	08	01	19	02	10.9	11.80	75.15	2.0	5.1	
2216	1969	08	01	19	32	13.5	13.52	72.48	46.0	4.5	
2217	1969	08	02	13	50	0.0	8.45	77.31	33.0N	4.7	
2219	1969	08	05	12	14	43.0	5.37	81.69	32.0	4.9	4.5 H 4.8 GOL
2220	1969	08	06	03	50	44.0	3.48	80.20	34.0	4.6 ISC	
2221	1969	08	08	07	47	27.3	1.09	78.68	16.0	4.6	
2222	1969	08	10	02	39	33.9	15.61	74.11	83.0	4.8	
2223	1969	08	11	16	15	16.5	11.63	74.69	82.0	4.2	
2224	1969	08	11	20	46	54.9	17.11	70.12	149.0	4.4 ISC	5.7 PAS
2225	1969	08	13	22	02	6.0	15.18	71.89	119.0	4.3	
2227	1969	08	20	06	32	49.7	13.35	77.71	35.0G	4.6	
2229	1969	08	22	12	59	47.3	8.51	77.00	28.0	4.5	
2230	1969	08	27	15	55	44.1	17.30	70.09	152.0	4.9	

## EARTHQUAKE CATALOG OF PERU

VI-23

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
2231	1969	08	28	08 33 29.7	7.99	80.39	20.0G	4.2	
2232	1969	08	30	06 11 17.9	19.88	70.44	21.0	4.3	
2233	1969	08	30	16 06 53.5	14.21	73.34	92.0	4.6	
2234	1969	09	01	18 03 12.1	3.77	80.60	57.0	4.7	
2235	1969	09	02	16 35 40.8	17.83	72.05	36.0	5.0	
2238	1969	09	08	12 43 40.0	6.07	77.54	125.0	4.1	
2239	1969	09	15	04 11 35.3	16.93	72.36	86.0	4.0	ISC
2240	1969	09	15	07 14 25.8	18.55	69.02	177.0D	5.2	
2242	1969	09	18	07 11 38.7	17.75	71.70	50.0	4.3	
2244	1969	09	21	11 28 25.0	15.84	74.71	59.0	4.7	
2246	1969	09	28	11 52 59.1	12.10	74.30	45.0	5.0	
2247	1969	09	28	14 42 15.7	16.68	69.52	201.0	3.8	
2248	1969	10	01	05 05 43.2	11.88	75.13	4.0	5.9	6.2 H 6.4 PAS
2249	1969	10	01	05 25 59.3	11.82	75.10	15.0	5.3	
2250	1969	10	01	05 58 12.7	11.74	75.09	5.0G	5.7	
2251	1969	10	01	06 28 2.4	11.66	75.15	5.0G	5.1	
2252	1969	10	01	08 28 14.0	11.78	75.05	3.0	5.8	
2253	1969	10	01	17 04 44.8	11.65	75.03	5.0G	5.1	
2254	1969	10	01	22 56 24.8	11.80	74.96	5.0G	5.5	5.1 H
2256	1969	10	04	00 26 34.9	11.94	75.11	20.0	4.7	
2259	1969	10	06	00 37 59.6	11.74	75.10	3.0	5.1	
2260	1969	10	06	06 36 45.2	11.78	75.00	4.0	5.3	
2262	1969	10	07	23 07 21.2	11.74	75.32	5.0G	4.9	
2263	1969	10	10	04 23 46.7	9.96	73.30	184.0	4.0	
2264	1969	10	13	04 11 23.0	11.87	75.21	14.0	4.3	
2266	1969	10	14	02 00 4.3	14.29	75.29	102.0	4.5	
2267	1969	10	17	08 09 55.5	14.71	71.20	113.0	5.2	
2270	1969	10	20	18 00 28.7	11.86	75.16	12.0	5.1	
2271	1969	10	22	10 21 52.1	18.09	71.54	23.0	5.4	
2272	1969	10	27	22 32 32.1	2.19	78.86	131.0	4.5	
2273	1969	10	31	22 37 53.7	11.91	75.07	7.0	4.5	
2277	1969	11	11	10 54 58.3	14.42	70.89	175.0	4.2	
2278	1969	11	13	07 06 22.6	10.10	75.32	151.0	4.1	
2279	1969	11	15	17 58 36.9	19.35	70.54	53.0	4.6	
2280	1969	11	16	14 38 4.5	19.05	69.16	120.0G	4.1	
2281	1969	11	29	03 14 4.1	19.24	69.42	108.0D	4.3	
2283	1969	12	04	11 16 41.4	7.44	81.66	51.0	4.5	
2285	1969	12	09	12 10 1.2	10.16	75.52	26.0	4.8	
2286	1969	12	10	06 53 13.8	10.27	75.58	39.0	4.4	
2287	1969	12	10	09 46 47.6	7.36	74.83	164.0	4.3	
2292	1969	12	17	07 05 24.6	0.66	78.03	19.0	4.5	
2293	1969	12	17	07 13 6.2	0.77	78.34	27.0	4.2	

VI-24

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2295	1969	12	21	13	03	53.3	16.43	72.78	68.0	5.0	
2296	1969	12	22	00	06	4.2	16.89	72.86	50.0G	5.2	
2298	1969	12	29	09	42	11.1	11.12	75.55	133.0	4.4	
2300	1970	01	03	02	08	13.2	6.30	77.78	130.0	4.3	
2301	1970	01	03	03	07	53.4	1.85	78.59	9.0	4.8	
2302	1970	01	05	06	58	57.6	17.28	70.99	113.0	4.9	
2304	1970	01	11	22	49	59.3	2.49	77.14	152.0	4.5	
2307	1970	01	20	10	03	37.1	15.57	73.31	105.0	4.0	
2308	1970	01	24	12	53	37.8	10.69	77.60	2.0	4.7	
2309	1970	01	26	09	15	6.7	7.75	74.46	155.0G	4.5	
2310	1970	01	30	05	41	52.3	4.16	76.82	125.0G	4.5	
2313	1970	02	08	19	34	25.0	2.70	75.30	58.0	4.7	ISC
2314	1970	02	09	02	16	24.2	5.36	76.52	80.0	4.7	
2315	1970	02	09	16	15	53.6	12.77	77.22	40.0	4.6	
2316	1970	02	13	17	26	16.9	15.94	71.67	141.0G	5.4	
2317	1970	02	14	11	17	16.1	9.88	75.57	35.0	5.9	5.4 H
2319	1970	02	21	20	02	18.9	18.59	69.60	122.0	4.4	
2320	1970	02	26	03	03	40.7	13.65	74.01	95.0G	5.4	
2321	1970	02	26	07	35	46.0	13.69	74.09	91.0D	5.0	
2322	1970	02	27	14	17	25.5	16.04	74.90	32.0	5.1	
2324	1970	03	02	03	30	24.4	14.50	73.73	93.0	4.5	ISC
2326	1970	03	02	03	30	29.7	14.23	73.30	139.0	4.7	
2327	1970	03	03	09	15	6.8	14.72	72.53	106.0D	5.0	
2328	1970	03	05	17	01	11.4	18.82	69.23	127.0	5.2	
2329	1970	03	06	02	28	14.5	2.89	80.08	33.0	4.2	
2330	1970	03	07	06	31	25.3	10.53	75.00	33.0N	4.3	
2331	1970	03	09	13	52	15.8	16.53	69.61	198.0	4.6	
2332	1970	03	19	06	36	28.8	19.72	69.19	125.0	3.9	
2333	1970	03	25	13	17	43.4	2.24	79.04	52.0	4.6	
2334	1970	03	25	13	21	6.4	2.43	79.08	37.0	4.7	
2335	1970	03	29	08	27	47.7	8.36	73.34	25.0G	4.5	
2336	1970	03	31	08	50	12.2	5.68	80.14	69.0D	5.6	5.0 BRK
2337	1970	04	01	10	50	41.3	15.51	74.96	36.0	5.2	4.8 H
2338	1970	04	03	20	40	48.6	3.37	77.39	80.0	4.5	
2339	1970	04	06	00	56	33.9	13.71	74.50	119.0	4.6	
2340	1970	04	07	17	41	30.0	0.19	80.67	42.0	4.4	
2343	1970	04	16	10	26	58.9	5.62	77.09	43.0	4.8	
2344	1970	04	25	05	54	53.6	3.90	80.07	84.0	4.7	
2345	1970	04	25	19	24	57.0	2.68	81.98	20.0	5.1	
2347	1970	05	07	10	12	55.9	3.53	79.48	81.0	4.8	
2348	1970	05	07	15	54	26.3	20.00	68.70	115.0	4.8	ISC
2349	1970	05	14	07	00	19.0	4.49	78.90	61.0	4.2	ISC
2350	1970	05	17	21	24	22.6	7.28	80.69	36.0	4.9	

## EARTHQUAKE CATALOG OF PERU

VI-25

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
2351	1970	05	22	20 41 56.9	1.67	78.02	170.0	4.5	
2352	1970	05	26	09 47 1.7	15.79	70.50	159.0	4.3	
2353	1970	05	27	06 20 16.6	15.89	73.14	116.0	4.3	
2354	1970	05	27	09 52 33.6	8.15	76.47	51.0	4.6	
2355	1970	05	31	20 23 27.3	9.18	78.82	43.0G	6.6	7.8 H 7.6 PAS
2356	1970	05	31	20 45 52.7	9.79	78.59	55.0D	6.0	
2358	1970	05	31	21 23 40.3	10.00	78.74	45.0D	5.0	
2359	1970	05	31	21 45 3.6	9.51	78.21	50.0G	4.6	
2360	1970	05	31	21 48 4.4	10.22	78.60	51.0D	5.6	4.8 BRK
2361	1970	05	31	23 19 32.1	10.01	78.72	46.0	4.8	
2362	1970	06	01	00 41 10.5	9.77	78.63	55.0G	4.9	
2363	1970	06	01	00 56 40.8	9.82	78.91	45.0G	5.1	
2364	1970	06	01	01 12 29.8	10.18	78.70	45.0G	5.1	
2365	1970	06	01	01 36 10.2	9.30	79.00	49.0D	6.0	5.5 H 5.4 BRK
2366	1970	06	01	02 21 38.9	10.16	78.72	55.0D	5.0	
2367	1970	06	01	02 45 21.5	10.15	78.73	66.0D	5.8	5.3 BRK
2368	1970	06	01	04 44 46.1	10.25	78.69	46.0D	5.6	5.1 BRK
2369	1970	06	01	05 15 29.2	10.19	78.61	45.0G	5.2	
2370	1970	06	01	06 05 43.0	9.24	77.59	34.0	5.2	ISC
2371	1970	06	01	06 11 56.7	8.79	77.24	45.0	4.7	
2372	1970	06	01	06 19 21.6	9.67	78.86	55.0G	4.8	
2373	1970	06	01	09 45 33.5	10.13	78.61	48.0D	4.8	
2374	1970	06	01	16 37 8.2	9.96	79.05	45.0G	4.5	
2375	1970	06	01	17 59 27.1	9.98	78.75	49.0D	5.1	
2376	1970	06	01	19 15 5.9	9.79	78.82	55.0D	5.2	4.8 BRK
2377	1970	06	02	01 37 22.7	9.76	78.80	58.0D	5.7	5.4 BRK
2378	1970	06	02	01 53 33.4	10.05	78.74	47.0	4.6	
2379	1970	06	02	02 32 10.7	10.37	78.74	42.0D	4.3	
2380	1970	06	02	03 39 26.9	10.15	78.77	55.0	4.8	
2381	1970	06	02	04 39 55.1	10.24	78.57	62.0	4.6	
2382	1970	06	02	10 35 46.0	10.19	78.75	58.0	5.0	
2383	1970	06	02	18 02 38.4	10.23	78.68	44.0D	5.3	
2384	1970	06	02	18 52 16.4	10.21	78.77	33.0N	4.8	
2385	1970	06	03	02 02 17.5	10.22	78.66	45.0G	5.0	
2386	1970	06	03	11 09 16.5	9.94	78.84	50.0G	4.7	
2387	1970	06	04	02 28 45.3	8.78	75.39	70.0	4.5	ISC
2388	1970	06	04	02 41 21.4	10.03	78.52	33.0N	4.7	
2389	1970	06	04	02 53 28.0	10.60	79.30	55.0	4.3	ISC
2390	1970	06	04	04 09 26.3	9.80	78.63	57.0D	5.8	6.2 PAS
2391	1970	06	04	16 48 22.6	9.81	78.75	48.0D	5.2	
2392	1970	06	04	21 21 40.4	19.23	69.86	95.0	4.3	

VI-26

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2393	1970	06	04	22	59	51.9	9.52	79.19	55.0G	5.3	5.0 H
2394	1970	06	05	05	56	38.1	9.78	78.56	62.0	5.0	
2395	1970	06	05	10	13	2.7	5.65	77.15	43.0	5.1	
2397	1970	06	07	09	00	3.4	9.79	78.85	64.0	4.7	
2398	1970	06	07	11	36	7.4	9.64	78.72	65.0	4.7	
2399	1970	06	07	18	58	21.8	8.27	77.79	48.0	4.7	
2401	1970	06	08	11	31	8.4	9.74	78.58	60.0G	4.9	
2402	1970	06	11	07	30	51.4	10.10	78.67	50.0G	5.3	
2403	1970	06	12	01	38	27.2	9.98	78.80	67.0	4.9	
2404	1970	06	12	03	00	16.0	11.20	79.30	70.0	4.3 ISC	
2405	1970	06	14	09	38	2.1	19.36	69.22	125.0	5.0	5.3 BRK
2406	1970	06	15	00	42	50.6	9.70	78.85	51.0D	5.4	
2407	1970	06	15	11	32	31.3	10.01	78.42	33.0N	4.7	
2408	1970	06	17	04	44	20.9	15.75	71.83	91.0	5.9	
2409	1970	06	19	06	43	55.3	12.60	77.46	33.0	4.2 ISC	
2410	1970	06	21	15	13	37.8	9.80	78.67	51.0D	5.4	
2411	1970	06	22	02	11	54.0	1.57	80.60	54.0	4.6 ISC	
2412	1970	06	23	20	06	57.5	19.40	69.08	118.0D	5.3	
2413	1970	06	24	01	43	40.1	8.68	74.91	123.0	4.5	
2414	1970	06	27	05	59	53.0	10.20	79.20	87.0	4.8 ISC	
2415	1970	06	27	09	45	28.5	9.77	78.59	62.0D	5.6	7.0 BRK
2416	1970	06	29	03	02	31.0	11.00	79.20	45.0	4.9 ISC	
2417	1970	06	30	06	21	3.9	9.22	79.02	56.0D	5.4	
2418	1970	07	02	00	45	2.0	10.11	78.59	62.0	5.8	
2419	1970	07	02	12	47	7.8	10.13	78.68	60.0G	4.9	
2420	1970	07	03	15	08	14.9	9.84	78.94	33.0N	5.0	
2421	1970	07	05	06	55	46.3	8.77	74.38	140.0D	4.9	
2422	1970	07	06	06	35	4.9	10.20	78.65	67.0	4.9	
2424	1970	07	07	06	03	45.6	7.72	74.31	160.0G	4.8	
2425	1970	07	08	23	31	4.6	9.72	78.52	50.0G	4.7	
2426	1970	07	10	07	53	25.0	9.50	80.00	33.0	4.6 ISC	7.0 BRK
2427	1970	07	10	08	45	32.0	9.00	79.10	40.0	4.5 ISC	
2428	1970	07	10	16	59	1.9	9.14	78.76	60.0G	4.7	
2429	1970	07	12	18	13	54.8	15.68	69.46	252.0	5.0	
2430	1970	07	13	08	18	54.4	10.15	78.73	45.0G	4.4	
2431	1970	07	14	22	04	44.7	10.30	78.81	48.0	4.8	
2432	1970	07	16	23	57	1.4	10.95	76.42	117.0	4.9	
2433	1970	07	17	17	49	59.5	1.79	77.26	182.0	4.9	
2434	1970	07	18	19	58	49.9	0.22	78.58	58.0	4.6	
2436	1970	07	31	17	08	5.4	1.46	72.56	651.0	7.1	
2437	1970	08	04	23	17	49.0	9.70	78.50	50.0G	4.5	
2438	1970	08	05	05	25	57.6	9.24	78.91	69.0D	5.6	
2439	1970	08	07	03	48	5.4	0.66	79.87	89.0	4.2	



## EARTHQUAKE CATALOG OF PERU

VI-27

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2440	1970	08	09	02 20 9.8	9.95	78.67	50.0G	4.6	4.1 H
2441	1970	08	11	06 01 31.2	9.86	78.89	46.0	4.9	
2443	1970	08	14	05 41 39.6	10.88	79.11	45.0G	4.6	
2444	1970	08	16	13 03 26.7	0.29	78.86	35.0G	4.3	
2445	1970	08	18	04 34 18.4	7.35	76.55	145.0G	4.4	
2447	1970	08	27	08 22 52.7	4.03	76.59	135.0	4.9 ISC	
2448	1970	09	01	03 30 11.0	13.59	73.09	61.0	4.3	
2449	1970	09	03	09 02 32.1	8.80	78.20	65.0	4.2 ISC	
2450	1970	09	08	08 44 35.8	9.49	78.97	78.0	4.8	
2451	1970	09	09	11 53 13.9	19.60	70.11	49.0	5.0	
2454	1970	09	17	12 08 0.5	11.61	78.59	60.0G	4.3	
2455	1970	09	23	08 31 54.5	11.64	77.50	47.0	4.6	
2457	1970	09	30	22 56 26.4	15.10	74.90	62.0D	4.9	
2458	1970	10	04	20 20 4.5	8.92	75.60	37.0	4.1	
2459	1970	10	05	22 10 7.1	9.34	79.00	62.0	4.9	
2465	1970	10	20	16 19 1.3	15.58	70.18	235.0G	4.7	
2466	1970	10	23	15 49 34.1	10.28	75.17	47.0	4.8	
2467	1970	10	27	09 37 38.9	12.64	76.44	62.0	4.6	
2469	1970	10	30	09 19 8.1	9.54	75.59	20.0	4.8	
2470	1970	11	06	07 33 29.2	0.90	80.97	33.0N	4.5	
2471	1970	11	06	22 46 59.8	15.43	71.21	16.0	5.0	
2473	1970	11	10	04 47 48.9	11.50	79.66	50.0G	4.3	
2474	1970	11	11	19 47 6.5	15.57	71.32	44.0	4.9	
2475	1970	11	14	19 01 9.3	1.73	77.94	170.0D	4.6	
2476	1970	11	15	14 43 36.4	9.51	79.37	33.0N	4.9	
2477	1970	11	15	19 36 43.3	2.71	78.74	107.0	4.6	
2479	1970	11	16	12 22 21.5	8.60	74.94	139.0D	4.9	
2480	1970	11	19	13 19 53.1	9.94	78.81	97.0	4.7	
2481	1970	11	22	08 22 2.0	9.50	79.90	33.0	4.7 ISC	
2482	1970	11	23	06 42 42.0	17.60	70.00	152.0	4.4 ISC	
2483	1970	11	23	16 59 49.4	11.80	75.22	19.0	4.9	
2484	1970	12	06	03 01 47.5	19.10	69.39	111.0D	5.3	
2485	1970	12	09	06 18 16.0	16.20	73.10	94.0	4.3	
2486	1970	12	09	16 28 33.4	1.40	77.66	178.0D	5.0	
2487	1970	12	10	04 34 38.8	3.99	80.72	25.0D	6.3	
2488	1970	12	10	04 49 42.3	4.09	80.74	32.0D	5.3	7.6 H 7.1 BRK
2489	1970	12	10	05 15 22.5	3.86	80.54	33.0N	4.7	
2490	1970	12	10	05 26 52.9	3.78	80.61	33.0D	4.8	
2491	1970	12	10	05 32 49.7	3.95	80.73	33.0D	5.4	
2492	1970	12	10	05 45 46.9	3.78	80.72	33.0N	4.6	
2493	1970	12	10	06 51 17.9	3.88	80.77	32.0D	4.7	
2494	1970	12	10	09 18 50.0	3.89	80.72	33.0N	4.7	

VI-28

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE <i>yr mo dy</i>	TIME <i>hr mn sec</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	DEP <i>(km)</i>	MAGNITUDE <i>mb Ms</i>	
2495	1970 12 10	09 59 0.9	3.89	80.74	33.0D	4.7	
2496	1970 12 10	11 03 25.6	4.23	80.46	33.0N	4.5	
2497	1970 12 10	11 37 42.4	3.98	80.79	32.0D	5.4	
2498	1970 12 10	12 13 10.6	18.27	69.89	136.0	4.1	
2499	1970 12 10	13 47 37.1	3.89	80.73	33.0D	4.4	
2500	1970 12 10	17 29 39.4	3.90	80.77	32.0D	5.0	
2501	1970 12 10	19 50 43.1	4.11	80.75	33.0N	5.1	
2502	1970 12 10	21 46 41.7	3.94	80.81	34.0D	5.0	
2504	1970 12 11	03 57 21.1	3.74	80.61	34.0D	4.7	
2505	1970 12 11	10 01 21.5	3.95	80.88	33.0N	4.6	
2506	1970 12 11	10 24 36.2	3.95	80.72	37.0D	5.7	5.4 H 5.4 BRK
2507	1970 12 11	20 24 9.3	4.11	80.90	36.0D	4.7	
2508	1970 12 11	21 00 41.9	3.99	80.81	31.0	4.8	
2510	1970 12 12	04 35 14.3	4.00	80.71	33.0N	4.7	
2511	1970 12 12	05 37 47.8	5.92	74.99	29.0	4.8	
2512	1970 12 12	13 13 40.9	3.90	80.76	33.0D	4.4	
2513	1970 12 12	14 58 35.1	3.80	80.57	33.0N	4.5	
2515	1970 12 12	21 13 16.8	4.05	80.86	33.0N	4.7	
2516	1970 12 12	22 38 38.0	4.05	80.87	32.0D	4.5	
2517	1970 12 13	00 15 21.1	4.08	80.85	33.0N	4.8	
2518	1970 12 13	00 50 53.7	3.97	80.74	33.0N	4.6	
2521	1970 12 13	23 36 54.7	3.98	80.88	33.0N	4.6	
2522	1970 12 14	06 23 36.0	3.97	80.74	52.0D	4.7	
2523	1970 12 14	07 32 52.5	1.31	80.91	33.0N	5.4	5.7 H 5.8 BRK
2524	1970 12 14	08 01 42.8	1.35	80.88	33.0N	4.8	
2525	1970 12 14	08 28 51.6	4.04	80.95	33.0D	4.9	
2526	1970 12 14	09 41 35.7	3.95	80.67	52.0D	4.8	
2527	1970 12 14	10 46 26.4	1.46	80.92	33.0N	4.2	
2528	1970 12 14	15 29 30.0	1.53	80.61	62.0	4.7	
2529	1970 12 14	17 30 35.5	14.99	73.45	85.0G	4.8	
2530	1970 12 15	21 15 20.2	4.03	80.86	32.0D	5.2	
2531	1970 12 17	07 10 29.0	1.60	80.70	46.0	4.4	ISC
2532	1970 12 17	15 16 47.1	4.36	80.88	35.0G	4.7	
2533	1970 12 18	07 08 10.3	4.23	80.93	28.0	4.7	
2534	1970 12 18	22 14 7.1	3.94	81.17	34.0D	4.5	
2535	1970 12 21	07 21 44.7	3.92	80.74	30.0D	4.9	
2536	1970 12 21	07 33 15.5	3.96	80.81	32.0D	5.1	
2537	1970 12 21	10 58 39.1	4.03	80.28	68.0D	4.7	
2538	1970 12 22	01 48 30.2	3.96	80.82	33.0D	5.5	4.4 H
2539	1970 12 22	15 08 34.6	4.05	80.61	40.0G	4.9	
2541	1970 12 24	17 46 59.8	10.97	74.43	46.0	4.3	

## EARTHQUAKE CATALOG OF PERU

VI-29

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2544	1970	12	27	03	10	5.3	3.87	80.91	33.0N	4.8	5.2 H
2545	1970	12	27	13	03	31.2	16.05	72.95	107.0	4.4	
2546	1970	12	27	23	08	42.4	1.23	80.81	42.0	4.7	
2547	1970	12	29	02	22	11.8	3.86	80.76	50.0D	4.5	
2549	1970	12	29	08	01	59.3	3.90	80.90	47.0	5.8	
2551	1971	01	02	08	37	4.4	3.90	80.79	66.0	4.4	
2552	1971	01	03	11	16	22.0	2.37	76.72	150.0	4.3	
2554	1971	01	05	10	55	35.2	3.88	80.92	37.0	4.7	
2557	1971	01	07	07	29	41.7	1.77	80.74	44.0	4.5	
2558	1971	01	08	01	00	4.7	3.97	80.39	37.0	4.4	
2559	1971	01	09	03	22	16.6	3.91	80.97	26.0D	4.1	4.8 H
2560	1971	01	09	05	25	27.3	15.67	70.96	6.0	4.7	
2561	1971	01	09	20	30	37.9	18.56	73.12	35.0	4.7	
2562	1971	01	10	22	38	32.8	3.87	80.86	64.0	4.9	
2563	1971	01	13	00	04	42.2	19.33	68.93	138.0	4.4	
2564	1971	01	14	03	06	46.2	9.28	79.06	54.0D	5.1	
2565	1971	01	14	08	21	37.4	4.10	80.64	46.0D	4.5	
2566	1971	01	16	20	54	30.9	9.09	78.83	75.0G	5.3	
2567	1971	01	21	03	57	17.0	10.24	75.32	24.0	4.4	
2568	1971	01	21	13	23	11.1	17.06	69.23	183.0	5.5	
2569	1971	01	25	22	49	26.2	4.06	80.94	51.0	4.9	4.8 H
2570	1971	01	26	05	37	56.5	15.00	72.64	108.0D	5.1	
2571	1971	01	27	23	22	54.9	4.30	75.23	24.0	4.8	
2572	1971	01	30	10	19	55.8	11.14	77.92	61.0D	4.8	
2574	1971	02	06	11	20	3.2	4.37	80.83	48.0	4.4	
2575	1971	02	06	17	30	19.4	10.14	78.51	51.0	4.8	
2576	1971	02	10	08	13	18.8	4.84	78.54	108.0	4.4	
2577	1971	02	11	17	08	46.3	3.95	80.81	66.0	4.9	
2578	1971	03	01	17	21	9.9	9.21	78.87	74.0	5.0	
2579	1971	03	09	14	28	22.9	10.42	74.06	132.0	4.7	
2580	1971	03	16	00	25	3.0	8.46	77.81	34.0	4.8	4.8 H
2581	1971	03	17	08	08	46.6	3.87	81.02	30.0G	4.4	
2582	1971	03	19	14	27	53.6	12.12	75.15	14.0	4.8	
2583	1971	03	21	14	31	37.1	14.10	72.13	83.0	5.5	
2584	1971	03	23	10	27	4.4	10.35	78.48	91.0	4.7	
2585	1971	03	27	00	53	25.0	7.47	81.60	29.0D	5.4	
2586	1971	04	03	10	22	47.2	8.86	80.66	37.0	5.1	
2587	1971	04	04	06	02	46.5	3.26	77.83	111.0	4.3	
2588	1971	04	12	04	08	32.0	9.80	78.70	60.0D	5.0	
2589	1971	04	14	18	35	35.5	10.17	78.84	45.0D	4.5	
2590	1971	04	16	23	59	37.3	9.79	75.61	25.0D	4.8	
2591	1971	04	21	04	06	28.3	13.54	71.20	48.0	4.6	
2592	1971	04	24	03	34	32.3	6.03	77.22	69.0	4.3	

VI-30

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2593	1971	04	26	14 26 30.5	7.19	74.88	75.0	4.6	6.5 PAS
2594	1971	04	27	00 47 56.0	18.44	69.27	131.0	5.2	
2595	1971	05	04	17 28 10.9	8.27	77.84	34.0	4.9	
2597	1971	05	05	05 27 30.5	1.94	78.28	185.7		
2601	1971	05	13	10 40 46.0	1.34	78.28	16.0	4.7	
2602	1971	05	14	10 04 4.1	8.95	80.66	33.0N	5.2	
2604	1971	05	17	03 34 41.8	19.17	69.50	107.0	5.1	
2605	1971	05	17	11 04 7.1	1.60	77.70	176.0D	5.7	
2606	1971	05	20	22 04 36.3	1.58	77.81	170.0D	4.6	
2608	1971	05	22	14 50 1.2	7.24	76.11	71.0	4.4	
2609	1971	05	23	08 58 31.3	14.06	72.90	94.0	5.5	6.5 PAS
2610	1971	05	23	22 29 18.1	7.61	74.50	153.0D	4.4	
2611	1971	05	26	08 12 20.7	11.91	76.87	145.6	3.8	
2614	1971	05	28	06 50 0.7	12.53	76.82	56.0	4.9	
2616	1971	05	29	16 40 10.7	18.99	69.33	132.2	4.0	
2617	1971	05	31	11 34 19.2	4.09	80.88	33.0N	4.8	
2619	1971	06	03	14 13 0.1	18.10	69.47	139.0	3.9	
2620	1971	06	10	06 47 34.6	10.90	76.23	99.0	5.7	
2621	1971	06	10	09 19 54.1	4.03	80.68	66.0	4.4	
2622	1971	06	11	01 32 59.0	4.17	80.66	43.0	5.4	
2623	1971	06	12	07 59 33.6	9.91	80.14	33.0A		7.5 PAS
2624	1971	06	22	14 38 3.7	9.26	79.22	58.0	4.8	
2626	1971	06	25	07 08 46.4	15.94	73.71	82.0	4.5	
2627	1971	06	27	07 40 39.9	16.65	74.24	34.3		
2628	1971	06	28	19 44 12.3	19.86	70.09	47.0D	5.2	
2631	1971	07	08	08 02 37.2	0.90	78.46	28.0	4.1	
2632	1971	07	09	20 46 32.6	3.89	80.68	65.0	4.7	
2633	1971	07	17	17 56 13.9	4.00	80.83	35.0G	4.8	
2634	1971	07	22	07 43 47.4	3.73	77.29	128.0	4.5	
2635	1971	07	25	22 01 44.1	10.17	78.63	52.0	5.0	
2636	1971	07	27	02 02 49.6	2.75	77.43	135.0D	6.3	7.5 PAS
2637	1971	08	01	06 12 41.2	12.91	76.82	64.0	5.2	
2639	1971	08	10	22 44 9.7	7.91	75.10	115.0	4.4	
2640	1971	08	12	14 14 32.5	8.45	78.50	104.0	4.9	
2641	1971	08	13	05 51 53.9	13.43	75.15	103.0	4.1	
2642	1971	08	18	19 07 17.4	3.90	80.90	30.0D	5.1	
2644	1971	08	23	01 46 52.6	16.96	70.13	148.0D	5.0	
2645	1971	08	25	04 11 38.6	7.33	80.36	33.0N	5.0	
2646	1971	08	31	12 25 15.3	19.28	69.98	69.0	4.5	
2648	1971	09	05	09 06 15.6	14.76	75.25	55.0	4.3	
2649	1971	09	07	05 32 47.6	4.09	80.83	33.0D	4.7	7.5 PAS
2650	1971	09	07	08 29 49.6	19.20	68.85	157.0	4.4	
2651	1971	09	09	01 37 23.1	7.35	74.60	150.0D	5.1	

## EARTHQUAKE CATALOG OF PERU

VI-31

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2652	1971	09	12	00	46	13.2	7.21	79.98	64.0	4.7	5.6 H
2653	1971	09	15	11	24	18.1	10.31	78.68	43.0	4.9	
2654	1971	09	16	15	49	35.8	1.14	78.78	15.0	4.6	
2655	1971	09	20	10	44	37.5	13.41	77.14	33.0N	4.3	
2656	1971	09	22	00	40	12.4	7.06	80.48	33.0N	5.3	
2657	1971	09	22	22	14	59.9	10.94	78.09	59.0	5.3	
2658	1971	09	24	04	32	55.0	16.37	73.69	28.0	5.2	
2660	1971	09	24	06	11	32.7	17.21	69.89	135.0G	4.5	
2661	1971	09	27	12	44	25.6	19.49	69.05	91.0	4.6	
2662	1971	09	27	21	14	35.4	15.13	75.28	22.0	4.6	
2663	1971	09	29	05	48	15.1	1.81	77.93	167.0	4.4	5.6 H
2664	1971	09	30	10	21	22.5	9.68	78.82	33.0N	4.7	
2665	1971	10	01	21	08	34.8	12.75	77.11	43.0	4.7	
2666	1971	10	03	10	29	26.4	12.71	77.20	33.0N	4.6	
2667	1971	10	03	14	58	25.9	12.76	77.36	42.0	5.2	
2669	1971	10	06	07	52	18.7	14.88	71.67	116.0	4.8	
2670	1971	10	14	00	11	10.3	15.61	72.07	121.0	4.4	
2671	1971	10	15	02	42	3.6	15.07	73.91	92.0	4.9	
2672	1971	10	15	10	33	46.7	14.09	73.31	54.0	5.7	
2673	1971	10	16	21	08	19.9	17.41	69.30	156.0D	4.8	
2674	1971	10	21	01	57	37.9	15.27	73.12	116.0	4.7	5.6 H
2675	1971	10	21	15	32	39.7	18.30	69.57	96.0	4.5	
2676	1971	10	23	07	49	4.9	11.21	79.36	33.0N	4.9	
2677	1971	10	28	06	30	32.3	3.86	80.65	51.0D	5.2	
2678	1971	10	28	14	40	14.5	17.94	69.36	133.0D	5.1	
2679	1971	10	28	23	41	56.1	8.04	74.38	154.0	4.9	
2680	1971	11	03	16	06	50.1	18.62	69.37	127.0	4.0	
2682	1971	11	04	06	57	33.9	16.50	71.97	101.4	4.8	
2684	1971	11	06	12	07	4.7	3.87	80.86	61.0	4.9	
2685	1971	11	12	00	10	5.7	13.01	76.34	92.0	4.8	
2687	1971	11	19	06	10	17.3	10.06	78.93	51.0D	4.6	5.6 H
2688	1971	11	27	07	34	59.8	8.84	79.04	81.0	4.6	
2689	1971	11	27	22	26	47.5	1.73	77.82	172.0	4.6	
2691	1971	11	29	20	14	12.2	11.24	77.75	54.0D	5.3	
2692	1971	12	07	17	49	23.7	19.41	68.36	162.0	4.7	
2694	1971	12	13	16	19	0.1	8.89	71.64	614.0	5.3	
2695	1971	12	21	01	07	19.8	2.02	77.43	174.0	4.5	
2696	1971	12	21	10	52	19.0	1.38	77.73	168.0	4.4	
2697	1971	12	22	00	38	53.0	4.00	76.24	117.0D	5.2	
2698	1972	01	06	13	29	37.3	16.18	70.44	185.0	4.1	
2699	1972	01	11	02	38	24.9	3.54	77.21	150.0	4.6	6.5 PAS
2700	1972	01	12	09	59	10.3	6.86	71.82	580.0G	5.9	
2701	1972	01	13	15	53	17.8	0.15	80.51	53.0	4.3	

## VI-32

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2702	1972	01	13	18 31 20.5	0.14	80.48	38.0	4.8	6.0 PAS
2704	1972	01	21	02 05 44.4	16.31	70.08	192.0	3.8	
2705	1972	01	21	19 18 57.2	6.70	71.89	562.0D	5.6	
2707	1972	01	23	05 05 24.8	13.23	76.78	60.0	5.1	
2708	1972	01	27	18 45 7.7	3.92	79.75	97.0	5.2	
2709	1972	01	29	02 18 37.4	17.90	71.40	40.0	5.0	4.1 H
2710	1972	01	30	08 16 28.8	17.99	69.41	144.0	4.5	
2713	1972	02	08	20 44 8.5	14.06	71.52	48.0	4.8	
2715	1972	02	15	21 18 21.2	17.51	71.19	71.0	5.7	
2716	1972	02	21	05 31 23.7	16.39	71.27	95.0	5.2	
2717	1972	02	21	21 27 45.0	17.34	70.65	115.0	4.3	6.9 PAS
2718	1972	02	29	02 04 54.1	15.04	71.83	131.0	4.9	
2720	1972	03	11	00 38 31.7	9.42	75.49	33.0	4.9	
2721	1972	03	13	17 35 15.0	9.76	78.72	35.0	5.0	
2724	1972	03	20	07 33 49.6	6.77	76.79	64.0D	6.1	
2725	1972	03	20	07 51 4.8	6.64	76.77	50.0G	5.4	4.3 H
2727	1972	03	20	16 50 27.1	6.81	76.85	33.0N	5.4	
2732	1972	03	24	03 01 4.3	7.01	76.75	87.5		
2733	1972	03	27	12 09 41.2	14.57	76.09	63.0	5.2	
2734	1972	03	31	21 13 45.7	19.77	69.20	118.4	4.5	
2735	1972	04	01	09 12 52.5	7.01	76.47	49.5		
2736	1972	04	03	01 29 48.9	11.57	76.49	99.0	5.1	
2740	1972	04	04	14 46 47.4	17.12	68.50	188.0	4.4	
2741	1972	04	04	23 33 36.3	17.08	72.54	52.0	5.0	
2744	1972	04	06	15 26 15.3	1.49	77.90	176.0	5.2	
2745	1972	04	06	18 48 36.1	6.87	76.64	60.0	4.4	
2746	1972	04	09	21 42 20.1	1.47	77.94	175.0	4.6	
2747	1972	04	10	23 46 36.7	16.14	75.61	0.0A		
2749	1972	04	11	12 09 43.3	13.69	75.87	95.0	4.3	
2753	1972	04	13	12 07 54.5	1.21	81.19	11.7	4.2	
2755	1972	04	19	10 57 32.1	0.56	77.42	33.0	4.4	
2761	1972	04	28	08 48 43.9	5.21	80.86	237.3	4.4	
2765	1972	05	07	11 31 48.5	17.38	72.24	50.0	4.6	
2768	1972	05	10	10 31 56.8	19.22	69.28	127.0	4.0	
2769	1972	05	10	17 30 35.0	2.81	78.67	89.0	5.4	
2770	1972	05	12	03 43 27.6	15.94	71.11	58.1		
2771	1972	05	13	14 24 24.7	3.82	80.71	40.0	4.9	
2775	1972	05	21	01 24 7.9	18.61	69.28	132.0	5.2	
2777	1972	05	21	03 50 30.9	16.03	73.86	85.0D	5.4	
2779	1972	05	23	23 01 49.9	10.71	78.27	109.2		
2780	1972	05	25	14 17 52.4	15.31	72.31	129.0	4.2	
2782	1972	05	25	21 59 18.4	7.22	76.38	207.1		
2786	1972	06	01	00 54 21.8	6.61	76.51	15.0	4.7	

## EARTHQUAKE CATALOG OF PERU

VI-33

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2790	1972	06	04	22 22 57.0	2.84	78.95	98.0	5.0	
2794	1972	06	08	03 02 37.5	10.70	79.04	29.0D	5.0	
2795	1972	06	08	13 34 28.1	10.24	75.46	16.0	4.9	
2801	1972	06	16	12 56 24.3	14.91	69.99	0.0A		
2803	1972	06	16	14 33 14.0	18.19	69.51	126.0	4.9	
2804	1972	06	19	15 50 30.0	12.10	77.51	72.0	5.2	
2805	1972	06	21	08 25 16.6	7.82	74.44	153.0D	4.6	
2807	1972	06	25	12 18 58.9	5.01	79.92	68.0	4.9	
2809	1972	06	29	08 02 36.6	19.86	70.59	67.6	4.2	
2810	1972	07	01	09 17 8.9	10.61	74.98	169.0	4.4	
2811	1972	07	01	14 12 37.6	1.95	79.22	0.0A	4.5	
2814	1972	07	03	14 53 10.1	13.95	74.56	39.0	4.6	4.2 H
2815	1972	07	03	16 21 18.7	8.18	74.30	131.0	4.5	
2817	1972	07	05	00 59 36.9	9.89	78.60	58.0	5.0	
2818	1972	07	05	20 02 28.6	16.33	73.07	98.0	4.3	
2819	1972	07	05	20 21 55.8	15.68	75.19	33.0N	5.1	
2824	1972	07	15	16 07 3.2	10.43	74.29	132.6	4.1	
2825	1972	07	16	06 09 24.4	16.39	72.85	100.9		
2826	1972	07	17	03 51 0.2	14.48	76.26	38.0	4.8	
2827	1972	07	17	04 02 57.2	14.43	76.20	34.0	5.0	
2830	1972	07	17	09 25 0.1	14.52	76.24	39.0	4.9	
2831	1972	07	17	10 03 28.7	14.87	76.72	0.0A		
2833	1972	07	18	16 24 40.2	10.52	74.33	127.0	4.0	
2834	1972	07	18	21 05 0.8	14.42	76.34	13.0	5.1	4.4 H
2835	1972	07	19	05 44 10.4	17.00	70.53	134.0	3.9	
2836	1972	07	19	20 30 39.0	16.85	74.21	0.0A		
2837	1972	07	22	19 56 12.7	3.30	76.88	39.0	4.3	
2840	1972	07	27	06 05 28.8	19.19	68.57	141.0	4.3	
2842	1972	07	29	16 02 47.5	1.50	77.93	171.0D	4.7	
2846	1972	08	11	10 44 28.0	15.41	73.22	95.0	5.1	
2847	1972	08	11	15 00 5.9	19.60	70.35	93.1		
2849	1972	08	15	02 41 20.0	14.92	76.68	0.0A	4.3	
2850	1972	08	16	01 26 11.8	11.73	73.94	33.0A		
2852	1972	08	17	14 50 51.0	13.96	74.62	14.0	5.4	
2856	1972	08	20	16 39 32.3	7.56	74.67	147.0D	4.6	
2857	1972	08	21	18 11 32.1	6.25	81.46	145.9		
2865	1972	09	02	20 57 18.7	18.26	69.40	128.0	4.6	
2866	1972	09	04	23 32 24.3	3.77	80.61	63.0	5.4	
2867	1972	09	05	19 12 31.3	10.19	73.71	147.0	4.5	
2869	1972	09	06	22 49 3.2	16.85	71.12	111.0	5.0	
2870	1972	09	08	10 20 20.2	9.20	79.08	47.0	4.4	
2872	1972	09	17	18 42 52.8	7.83	75.54	219.7		
2880	1972	09	28	01 25 30.8	15.79	69.42	139.2		

VI-34

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2881	1972	09	28	11 49 53.8	16.59	72.88	92.9		
2882	1972	09	29	01 20 44.7	8.47	74.99	140.0D	4.6	
2890	1972	10	09	16 17 18.1	15.21	73.11	98.0	4.9	
2891	1972	10	10	09 26 5.1	6.71	74.77	138.0D	4.6	
2892	1972	10	12	04 40 30.9	1.14	79.13	0.0A	4.5	
2893	1972	10	12	10 43 33.4	16.45	71.84	75.3		
2895	1972	10	14	11 07 45.4	14.25	69.05	59.8		
2898	1972	10	22	08 22 10.6	9.79	78.63	62.0D	5.2	
2901	1972	10	26	17 56 25.6	9.88	80.12	33.0A	4.4	
2902	1972	10	27	15 22 52.9	8.55	74.41	137.0	4.6	
2903	1972	10	28	17 22 37.8	17.87	69.52	141.2		
2904	1972	10	29	04 55 11.6	5.55	76.48	52.5		
2907	1972	11	03	23 57 55.3	19.29	69.04	127.0D	5.3	
2909	1972	11	05	21 56 20.5	9.74	78.71	61.0	5.0	
2911	1972	11	08	12 40 28.3	19.24	68.79	141.0	4.0	
2917	1972	11	29	05 37 46.4	16.54	70.86	122.0	4.6	
2919	1972	11	30	20 05 6.8	14.77	73.37	98.5	4.3	
2920	1972	12	02	11 34 57.7	5.13	76.05	54.2	4.7	
2922	1972	12	03	11 45 31.5	6.50	80.58	127.0	4.3	
2931	1972	12	18	21 07 38.6	19.47	69.07	130.0	4.6	
2932	1972	12	19	02 43 41.0	4.83	77.10	191.0	4.1	
2934	1972	12	20	16 11 25.7	9.68	71.23	588.0D	4.8	
2935	1972	12	21	10 19 27.8	9.75	78.69	45.0D	4.4	
2941	1972	12	28	13 31 30.7	3.81	77.96	118.0	5.0	
2942	1973	01	08	20 43 23.6	19.25	70.47	53.0	4.4	
2943	1973	01	13	07 47 27.8	0.46	77.96	25.0	4.4	
2944	1973	01	15	06 27 31.0	15.71	75.08	43.0	4.5	
2945	1973	01	15	16 30 25.0	15.70	70.34	210.0	4.4	
2946	1973	01	16	06 31 36.9	15.59	74.26	55.0	4.6	
2947	1973	01	21	18 12 29.9	7.95	74.39	147.0D	5.1	
2948	1973	01	25	13 06 8.9	1.44	77.62	186.0	4.7	
2949	1973	01	29	05 37 17.7	12.11	77.29	63.0	4.5	
2951	1973	01	30	17 36 20.7	5.55	77.08	48.0	4.6	
2952	1973	02	01	04 10 23.0	4.03	80.53	75.0	4.9	
2954	1973	02	06	04 09 6.0	5.18	78.42	92.0	4.8	
2955	1973	02	07	06 10 21.8	7.42	74.81	140.0D	5.3	
2956	1973	02	09	07 41 22.3	18.39	69.08	134.0	4.9	
2957	1973	02	11	12 53 52.6	5.54	80.91	33.0N	4.6	
2958	1973	02	23	04 26 23.3	2.09	78.21	67.0	5.7	
2959	1973	02	23	06 41 25.5	2.05	78.19	89.0	5.0	
2960	1973	02	23	23 10 51.5	2.26	78.35	33.0N	4.6	
2961	1973	02	28	13 36 39.6	9.15	77.57	33.0N	4.8	
2963	1973	03	01	17 49 6.1	2.08	78.21	86.0	4.9	

5.8 BRK



## EARTHQUAKE CATALOG OF PERU

VI-35

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2966	1973	03	02	18	30	56.2	18.96	69.08	138.0D	4.9	
2967	1973	03	03	06	28	23.6	14.94	71.13	174.0	4.5	
2969	1973	03	05	11	11	53.4	4.23	80.63	50.0	4.5	
2970	1973	03	05	22	33	38.5	14.70	71.15	157.0	4.5	
2971	1973	03	06	14	50	23.2	15.26	71.24	162.0	5.2	
2972	1973	03	07	02	01	38.7	11.16	74.77	33.0N	4.4	
2975	1973	03	12	10	13	31.9	15.88	72.08	139.0	4.1	
2980	1973	03	17	08	28	9.3	9.63	77.79	73.9	4.6	
2981	1973	03	17	12	44	32.3	19.64	68.84	115.0D	4.6	
2982	1973	03	18	18	09	8.9	8.84	74.60	231.3		
2993	1973	04	04	08	45	12.3	19.95	68.99	122.0	4.6	
2995	1973	04	06	00	51	1.9	17.06	72.50	42.0	4.9	
2999	1973	04	11	09	18	34.3	9.64	78.97	55.0D	4.3	
3001	1973	04	15	23	02	11.5	14.61	76.09	34.0	5.0	
3003	1973	04	18	15	41	55.9	14.55	76.29	19.0D	4.9	
3004	1973	04	19	04	28	43.6	14.65	76.27	33.0N	4.7	
3008	1973	04	25	16	51	14.9	10.83	76.45	131.0	4.6	
3009	1973	04	26	16	44	13.7	6.94	80.21	40.0D	4.7	
3011	1973	04	28	12	21	11.7	1.44	79.88	109.0	5.5	
3013	1973	04	29	14	11	52.2	15.25	71.95	130.0	4.1	
3015	1973	04	30	05	10	15.0	16.70	73.96	49.0	4.1	
3022	1973	05	10	13	46	34.1	2.10	78.82	131.0	4.9	
3024	1973	05	12	00	44	21.3	9.49	78.62	54.0D	4.8	
3025	1973	05	19	18	18	31.4	15.57	73.85	79.0D	5.2	
3029	1973	05	29	16	38	44.8	8.47	73.97	192.0	4.6	
3030	1973	05	30	04	38	1.8	2.26	78.52	111.0D	5.7	
3031	1973	05	30	12	39	54.3	14.06	72.79	90.0D	5.1	
3032	1973	06	04	13	14	29.8	1.31	77.79	177.0	4.3	
3036	1973	06	06	19	32	47.4	2.07	79.96	40.0	4.1	
3037	1973	06	08	03	19	11.7	19.33	69.13	135.3		
3038	1973	06	09	13	24	9.2	4.67	77.22	109.0D	4.6	
3041	1973	06	11	06	07	40.6	20.00	70.10	65.0D	4.8	
3046	1973	06	21	13	01	8.5	15.91	74.19	84.0	4.2	
3053	1973	07	07	12	45	0.1	19.17	69.77	89.0	5.3	
3056	1973	07	09	05	30	6.3	15.73	73.67	99.0	4.6	
3057	1973	07	10	23	39	16.4	8.73	77.29	27.2	4.5	
3058	1973	07	13	19	06	58.3	6.87	76.32	96.9	4.4	
3059	1973	07	14	01	57	23.8	1.57	80.76	0.0A		
3060	1973	07	14	04	25	15.7	10.24	79.33	54.0	4.7	
3062	1973	07	18	15	21	23.0	18.35	69.20	151.0D	5.7	
3064	1973	07	21	15	39	5.0	19.15	70.15	75.0	4.3	
3074	1973	07	28	19	46	11.7	4.25	80.49	80.0	4.5	
3075	1973	07	28	22	18	14.9	16.06	71.31	110.0	5.7	

VI-36

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3076	1973	07	29	16 15 49.6	14.33	72.13	82.0	5.5	
3078	1973	07	30	23 35 42.2	3.87	80.88	64.0	4.3	
3079	1973	07	31	05 31 45.4	15.67	72.63	141.0	3.9	
3080	1973	08	01	10 35 9.4	2.73	77.97	70.0	4.0	
3082	1973	08	03	10 33 46.8	15.96	69.44	257.0	4.3	
3084	1973	08	07	02 05 15.6	7.20	80.77	33.0N	5.1	
3086	1973	08	07	05 56 24.8	5.68	77.10	58.0	4.7	
3088	1973	08	07	15 54 23.0	9.36	78.82	77.0	4.9	
3089	1973	08	11	22 08 54.1	14.70	72.72	90.7	4.5	
3092	1973	08	24	05 09 51.8	15.98	76.57	33.0N	4.7	
3100	1973	09	08	07 46 52.7	8.34	74.18	168.0D	5.6	
3105	1973	09	18	12 58 25.2	7.03	76.14	133.0D	5.8	
3109	1973	09	28	14 52 29.2	18.12	70.86	54.0	4.4	
3110	1973	10	01	10 34 30.6	16.19	73.42	73.0	4.9	
3114	1973	10	07	04 29 57.4	15.43	71.20	170.1		
3115	1973	10	09	04 36 49.9	4.14	76.24	136.0	4.5	
3116	1973	10	09	07 41 44.8	17.44	69.50	176.0	4.9	
3117	1973	10	09	17 42 18.3	17.13	72.79	52.0	4.8	
3119	1973	10	12	18 04 29.3	16.02	74.04	47.0	5.3	4.6 H
3124	1973	10	19	10 11 16.3	19.42	69.87	67.0D	5.4	
3127	1973	10	22	06 15 23.0	17.99	69.80	105.0	4.7	
3129	1973	10	23	14 20 51.5	8.57	78.37	33.0N	4.8	4.5 H
3130	1973	10	25	14 49 51.7	13.48	72.36	106.0D	5.0	
3135	1973	11	02	04 27 14.4	8.74	79.39	52.0	4.5	
3136	1973	11	03	04 34 36.8	17.89	70.68	89.0	5.0	
3139	1973	11	05	05 41 34.4	8.34	74.34	174.0	4.6	
3141	1973	11	08	05 24 15.0	7.29	74.61	179.9	4.5	
3144	1973	11	09	22 41 27.7	3.97	80.97	31.0	5.6	
3145	1973	11	11	01 53 12.4	5.93	75.16	139.0D	4.8	
3148	1973	11	12	14 20 36.1	10.72	79.16	33.0N	5.0	4.4 H
3152	1973	11	21	01 13 55.3	8.63	74.44	153.0	4.8	
3155	1973	11	25	04 33 19.9	18.78	69.16	139.0D	5.1	
3156	1973	11	26	03 24 42.2	6.64	75.17	49.0	4.7	
3160	1973	12	01	14 34 10.1	17.73	69.73	142.0	5.2	
3161	1973	12	03	05 08 7.6	9.85	79.49	33.0N	4.7	
3163	1973	12	06	14 53 46.8	15.61	76.82	50.0	4.4	
3164	1973	12	10	19 28 13.2	1.44	77.74	181.0D	5.3	
3167	1973	12	24	18 18 10.2	12.62	77.47	33.0N	5.4	
3172	1974	01	05	08 33 50.7	12.30	76.35	98.0D	6.3	6.6 PAS
3173	1974	01	08	05 41 21.5	15.48	71.87	126.7	4.4	
3176	1974	01	13	17 23 49.5	12.68	73.09	51.0	4.6	
3178	1974	01	14	15 52 47.3	8.57	77.55	4.0	5.2	4.4 H
3179	1974	01	14	17 35 17.0	8.56	77.74	33.0	5.2	4.5 H

## EARTHQUAKE CATALOG OF PERU

VI-37

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3181	1974	01	19	09 52 58.2	18.83	72.39	63.0	4.9	4.7 H
3184	1974	01	21	02 34 44.4	4.25	77.78	129.0	4.4	
3186	1974	01	22	13 00 8.3	6.30	81.10	72.0	4.5	
3189	1974	02	01	06 55 30.8	14.54	72.36	114.1		
3190	1974	02	01	13 06 17.7	15.74	75.04	48.0	5.2	
3192	1974	02	02	21 09 1.5	15.95	74.48	63.0	5.2	
3196	1974	02	06	03 15 44.4	10.97	74.62	97.0	4.8	
3201	1974	02	08	06 22 11.5	8.32	77.18	81.0	4.6	
3202	1974	02	09	02 02 28.2	8.96	75.06	162.0	4.5	
3204	1974	02	10	08 12 53.3	14.46	75.66	68.0	4.5	
3207	1974	02	12	08 33 15.3	5.78	74.49	22.0D	4.6	4.8 H 6.5 PAS
3210	1974	02	25	02 45 21.9	1.62	78.00	170.0D	4.3	
3214	1974	03	08	12 45 21.6	9.95	79.39	57.0	4.9	
3215	1974	03	11	17 03 13.1	9.35	78.43	97.0	5.1	
3222	1974	03	21	19 28 24.1	4.53	73.40	48.0	4.8	
3225	1974	03	28	21 22 46.2	3.24	78.14	35.0	4.1	
3227	1974	03	30	02 15 15.7	19.88	68.86	78.0	4.8	
3229	1974	04	01	15 34 12.4	4.91	77.70	76.0	4.6	
3234	1974	04	11	09 59 44.1	8.38	77.77	0.0A	4.7	
3235	1974	04	13	02 27 41.8	8.70	78.41	80.0D	4.8	
3237	1974	04	14	06 38 8.8	10.47	78.52	69.0	4.8	4.1 H
3239	1974	04	18	03 53 35.1	5.64	77.04	28.0D	4.6	
3243	1974	04	25	08 56 44.0	16.99	70.66	33.0N	5.3	
3244	1974	04	27	06 01 47.3	14.96	72.21	113.0	5.8	
3245	1974	05	01	10 46 52.7	3.53	76.47	115.0	4.5	
3248	1974	05	03	23 20 19.5	19.40	68.73	144.0	4.4	
3250	1974	05	12	10 05 55.4	19.56	69.05	112.0D	5.8	
3253	1974	05	16	03 38 50.5	19.77	69.20	122.6		
3254	1974	05	17	08 42 6.9	0.63	78.51	70.0	4.6	
3255	1974	05	17	15 22 7.4	11.17	75.08	111.0D	6.0	
3259	1974	05	25	00 31 15.7	10.14	75.53	33.0N	4.4	4.1 H
3262	1974	05	29	10 27 58.7	5.65	80.94	33.0N	4.3	
3263	1974	05	29	23 51 44.3	9.21	75.09	104.0	4.6	
3265	1974	06	01	21 11 26.1	2.59	80.20	34.0	4.9	
3267	1974	06	04	11 19 32.4	1.57	80.34	110.0	4.6	
3268	1974	06	07	04 04 13.9	8.82	75.82	25.0	4.9	
3269	1974	06	09	10 41 22.1	5.75	80.86	52.0	5.1	
3270	1974	06	09	14 16 3.7	5.75	80.98	50.0	5.7	
3272	1974	06	12	18 20 30.5	3.88	76.28	134.0	4.7	
3274	1974	06	15	00 11 55.0	9.13	78.71	62.0D	4.9	
3278	1974	06	20	03 30 22.8	10.62	74.88	152.0	4.1	
3281	1974	06	23	11 47 10.4	10.24	77.47	88.6	4.6	
3284	1974	06	29	06 13 37.1	10.23	75.48	40.0	4.4	

## VI-38

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE		
	yr	mo	dy	hr	mn	sec				mb	Ms	
3286	1974	07	02	19	34	10.4	15.97	75.15	33.0N	4.8	4.8 H	
3289	1974	07	04	10	38	20.8	8.28	74.11	160.0	4.4		
3290	1974	07	05	19	36	43.0	7.39	77.28	294.4	3.9		
3295	1974	07	15	02	27	32.5	19.25	68.82	160.0	4.5		
3296	1974	07	16	02	03	39.7	15.73	70.29	230.0	4.8		
3299	1974	07	21	22	15	59.6	4.72	80.19	121.0	4.7		
3300	1974	07	24	13	42	59.3	15.33	71.10	176.0	4.6		
3302	1974	07	26	08	59	47.8	16.27	70.94	157.0	5.0		
3303	1974	07	27	23	48	19.8	10.15	78.60	95.0	4.8		
3305	1974	07	29	21	47	58.8	4.16	75.63	160.3	4.3		
3309	1974	08	09	04	53	30.7	8.48	74.28	159.0D	5.6		
3312	1974	08	15	23	46	49.5	15.63	74.52	101.0	4.8		
3313	1974	08	17	08	19	49.1	1.62	81.10	50.0	4.7		
3316	1974	08	21	15	41	43.6	11.56	75.70	33.0N	4.7		
3317	1974	08	21	23	59	2.0	19.99	71.14	60.0D	5.1		
3318	1974	08	31	00	37	11.5	12.71	77.02	61.0	4.4		
3319	1974	08	31	11	36	49.5	18.49	69.77	128.0	4.8		
3326	1974	09	11	01	21	42.2	19.02	69.58	113.0	5.2		
3331	1974	09	20	04	48	33.8	19.64	69.07	91.0	4.6		
3336	1974	09	27	16	09	3.7	12.43	77.58	41.0	5.0		4.2 H
3338	1974	10	02	02	54	59.7	5.91	81.09	5.0	5.7	5.6 H	
3339	1974	10	03	14	21	29.1	12.27	77.79	13.0	6.6	7.6 H	
											7.5 PAS	
3341	1974	10	03	15	28	18.5	12.45	76.50	33.0N	4.6	4.8 H	
3345	1974	10	03	19	10	0.4	13.50	77.13	28.0	4.8		
3348	1974	10	03	20	39	24.9	12.40	77.64	33.0N	4.8		
3350	1974	10	03	21	23	35.1	17.49	69.43	171.8	4.3	GS	
3351	1974	10	03	21	56	57.2	13.43	77.03	33.0N	4.8	4.9 H	
3356	1974	10	04	02	34	30.2	13.48	77.12	26.0	4.3	4.2 H	
3359	1974	10	04	14	40	5.8	12.92	77.54	33.0A	4.2		GS
3360	1974	10	04	18	11	55.0	13.38	77.41	33.0A	4.3		GS
3362	1974	10	05	03	34	49.2	12.53	76.60	144.2	4.2		
3363	1974	10	05	08	29	50.8	12.34	77.74	35.0	4.7		
3364	1974	10	05	17	57	59.8	13.76	76.64	33.0N	4.7	4.7 H	
3367	1974	10	06	03	50	25.4	12.46	77.74	19.0	4.3		
3369	1974	10	06	18	32	43.3	15.30	74.78	90.0	4.9		
3371	1974	10	07	04	57	51.3	12.25	77.94	33.0N	5.0	4.8 H	
3372	1974	10	07	11	40	27.7	13.48	76.95	33.0N	4.5		
3374	1974	10	08	02	14	47.9	14.62	71.52	113.0	4.4		
3375	1974	10	08	15	39	34.7	4.42	80.93	33.0N	5.0		
3378	1974	10	09	02	59	0.4	12.74	77.16	33.0N	4.4		
3379	1974	10	09	17	49	54.9	12.52	77.73	33.0N	4.8	4.8 H	
3380	1974	10	09	21	54	32.2	12.88	76.89	33.0N	4.9		

## EARTHQUAKE CATALOG OF PERU

VI-39

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3382	1974	10	10	19 52 59.0	12.44	77.61	27.0	5.3	5.1 H
3383	1974	10	10	20 57 47.5	12.99	77.54	33.0N	4.8	4.4 H
3384	1974	10	11	04 36 22.8	14.52	74.28	99.0	5.3	
3385	1974	10	11	17 54 7.7	16.01	74.21	69.0	4.8	
3386	1974	10	12	01 07 59.5	13.81	77.68	33.0A	4.2 GS	
3389	1974	10	14	07 45 17.2	2.38	76.44	162.0	5.1	
3390	1974	10	14	22 36 17.4	12.58	76.77	55.1	4.2 GS	
3396	1974	10	21	11 21 39.0	2.35	76.43	177.4	3.8 GS	
3401	1974	10	26	18 53 23.6	14.94	73.31	110.0D	5.3	
3402	1974	10	26	20 33 34.6	18.90	69.14	136.0	4.5	
3403	1974	10	27	16 21 24.7	16.65	71.59	91.0	4.5	
3406	1974	10	31	08 58 18.9	15.35	71.03	31.0	5.1	4.8 H
3407	1974	10	31	14 34 10.4	15.06	70.69	83.0	5.2	
3409	1974	11	02	00 57 37.1	12.53	77.87	33.0N	4.9	
3410	1974	11	05	23 20 41.3	16.71	71.39	69.0	4.6	
3412	1974	11	07	13 17 37.3	15.41	70.52	153.0	5.4	
3416	1974	11	09	12 59 49.8	12.50	77.79	6.0	6.0	7.2 H 6.2 PAS
3417	1974	11	11	07 23 22.3	11.13	78.90	33.0N	4.7	
3418	1974	11	11	11 43 53.7	7.33	76.72	74.0	4.7	
3419	1974	11	12	00 53 54.2	10.73	79.08	33.0N	5.0	4.5 H
3420	1974	11	14	19 17 35.2	12.85	77.08	33.0	5.4	
3423	1974	11	16	17 21 8.1	5.70	81.27	32.8		
3428	1974	11	19	03 33 6.8	17.84	69.88	188.6	3.9 GS	
3430	1974	11	22	03 33 56.8	3.76	79.44	33.0A	4.5	
3431	1974	11	26	04 46 47.6	19.93	68.51	174.0	5.1	
3432	1974	11	26	13 55 1.6	0.71	79.18	103.3	4.2 GS	
3434	1974	12	05	11 57 31.3	7.69	74.45	162.0D	6.0	
3435	1974	12	05	17 03 38.6	11.78	75.71	51.0	4.7	
3436	1974	12	06	06 52 49.4	7.84	74.82	167.0	4.4	
3440	1974	12	08	11 43 4.5	17.11	73.16	29.0	4.5	
3442	1974	12	10	23 31 28.0	16.05	74.80	46.0	4.9	
3443	1974	12	13	11 53 33.6	3.84	79.67	111.0	4.5	
3444	1974	12	13	13 23 37.0	18.98	69.51	118.0	5.3	
3445	1974	12	17	13 47 34.8	14.05	75.75	73.0	4.6	
3447	1974	12	22	16 44 15.5	18.99	69.83	63.0	5.2	
3448	1974	12	23	08 13 58.8	3.04	75.39	119.0	4.6	
3449	1974	12	24	00 54 0.5	12.86	77.96	19.0	4.7	
3450	1974	12	25	04 02 20.7	19.56	69.67	82.9	4.2	
3456	1975	01	10	04 53 30.3	19.48	69.46	116.0D	4.5	
3458	1975	01	12	11 56 27.4	18.30	69.84	142.6	4.2	
3460	1975	01	17	12 37 1.5	17.28	70.28	137.2	4.0	
3461	1975	01	19	18 41 2.8	15.75	72.62	119.7	4.5 GS	

VI-40

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3462	1975	01	21	14	25	23.1	9.89	79.10	35.0	5.4	4.7 H
3464	1975	01	22	15	07	31.5	7.75	74.47	153.0D	4.6	
3466	1975	01	23	11	04	15.6	15.37	72.85	112.0D	5.4	
3467	1975	02	01	12	50	44.5	5.94	79.53	33.0N	4.7	
3469	1975	02	10	19	20	29.4	15.18	75.87	57.0	4.9	
3471	1975	02	11	12	03	39.2	9.96	79.24	33.0N	4.6	5.1 H
3475	1975	02	16	16	13	40.3	8.49	82.10	29.0	5.2	
3476	1975	02	21	20	19	42.8	14.71	74.05	108.0D	4.9	
3477	1975	02	22	11	39	34.1	8.50	75.23	97.0	4.4	
3478	1975	02	26	20	14	59.6	19.80	69.27	82.0	5.7	
3479	1975	03	01	14	53	19.0	8.45	81.97	33.0N	5.5	5.3 H
3481	1975	03	05	16	39	13.0	11.55	77.48	52.0	4.5	
3483	1975	03	18	01	10	53.6	10.07	75.28	40.0D	5.5	4.4 H 6.5 PAS
3484	1975	03	18	17	21	23.4	4.23	77.01	98.0D	6.2	
3485	1975	03	19	13	07	5.1	1.09	80.88	39.0	4.4	
3486	1975	03	20	03	56	47.6	8.73	82.23	0.0A	4.6	
3489	1975	03	31	10	33	11.8	9.66	79.76	33.0N	4.9	
3490	1975	03	31	11	52	21.1	10.68	80.48	33.0N	4.5	
3493	1975	04	07	01	39	50.5	1.96	80.30	62.0	4.9	
3498	1975	04	12	15	33	8.6	14.77	72.71	81.0	5.9	
3500	1975	04	18	12	34	9.8	12.49	77.98	33.0N	5.3	4.9 H
3501	1975	04	19	13	13	39.2	14.80	72.80	93.0	4.7	
3505	1975	04	25	09	36	5.3	5.87	81.15	22.0D	5.1	5.0 H
3506	1975	04	27	18	49	53.0	9.53	79.34	68.0	4.6	
3511	1975	05	07	02	31	15.5	14.90	71.77	128.0	4.5	
3515	1975	05	18	05	10	55.4	9.29	78.94	66.0D	5.2	
3518	1975	05	23	19	26	12.8	10.66	78.54	62.0	5.0	
3519	1975	05	25	21	43	41.4	17.22	71.76	33.0N	4.2	
3520	1975	05	30	02	12	39.8	4.09	80.98	31.0D	4.7	
3521	1975	06	01	02	44	52.1	14.27	75.70	27.0	4.7	
3522	1975	06	03	20	18	2.0	6.17	75.15	33.0D	5.0	5.2 Z
3523	1975	06	05	03	32	44.9	13.70	76.14	58.0D	5.5	
3524	1975	06	05	20	29	36.4	16.34	69.10	182.0	5.6	
3525	1975	06	06	14	21	6.8	3.97	76.91	114.0	5.3	
3528	1975	06	10	16	30	42.2	3.62	80.92	49.0	5.1	
3532	1975	06	15	17	59	16.7	8.43	74.19	176.0	4.7	
3535	1975	06	27	09	17	54.6	1.92	80.99	41.0	4.5	
3538	1975	06	29	12	16	58.6	9.23	80.63	57.0	4.6	
3541	1975	07	08	19	17	2.2	9.38	79.09	62.0	4.9	
3542	1975	07	12	06	47	37.5	17.17	69.35	156.0D	5.5	
3543	1975	07	17	08	39	52.7	3.79	76.64	113.0D	5.0	GS
3544	1975	07	23	16	57	33.6	15.55	75.28	59.7	4.6	
3546	1975	07	29	01	12	47.3	1.44	77.87	180.0	4.6	

## EARTHQUAKE CATALOG OF PERU

VI-41

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr mo dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3548	1975 08 03	11 59 20.7	15.65	75.11	15.0	5.3	5.9 Z
3549	1975 08 03	14 23 43.7	15.72	75.11	56.6	4.7 GS	
3551	1975 08 03	17 44 50.2	15.69	74.97	51.0	4.7	
3552	1975 08 09	01 50 21.8	16.89	72.84	45.0	4.9	
3554	1975 08 10	05 23 59.4	8.64	79.58	80.0	4.7	
3555	1975 08 10	06 16 13.0	12.06	78.34	33.0A	4.2 GS	4.3 Z
3556	1975 08 10	10 04 49.7	0.73	78.86	33.0A		
3557	1975 08 10	13 57 44.6	19.92	68.90	91.0	4.7	
3558	1975 08 11	10 39 18.8	11.73	77.75	74.0D	5.6	
3559	1975 08 16	00 53 53.7	5.38	76.08	123.0D	5.7	
3561	1975 08 23	17 54 23.5	14.24	75.66	68.1		
3562	1975 08 24	15 30 8.7	5.49	77.22	33.0N	5.1	
3563	1975 08 25	21 42 10.8	19.24	69.16	119.0D	5.7	
3566	1975 08 28	10 18 20.0	19.70	68.75	179.2	4.2 GS	
3568	1975 09 02	23 54 41.4	19.43	69.05	33.0A		
3569	1975 09 06	10 46 34.6	10.47	74.83	134.0	4.7	3.5 Z
3570	1975 09 16	00 44 2.3	4.34	80.70	65.0D	5.0	
3571	1975 09 30	03 50 59.3	9.55	74.65	135.0D	5.8	
3575	1975 10 08	00 09 13.5	17.68	69.43	168.1	3.7 GS	
3576	1975 10 09	13 34 15.5	12.27	77.96	33.0	5.4	
3577	1975 10 11	16 24 17.9	4.24	81.05	29.0	5.2	
3579	1975 10 17	00 56 59.5	0.31	80.63	73.0	4.6	
3581	1975 10 18	22 57 56.3	9.77	79.86	33.0N	4.9	
3586	1975 10 29	06 18 42.3	10.98	78.11	58.0D	5.5	
3589	1975 10 31	10 20 47.9	18.33	71.75	41.1	4.2 GS	
3590	1975 11 06	17 44 16.3	0.34	80.74	54.0	5.1	3.5 Z
3591	1975 11 06	22 38 50.5	0.41	80.66	55.0	4.8	
3592	1975 11 07	03 16 31.5	3.92	76.99	113.0	4.9	
3595	1975 11 20	08 09 11.5	11.85	73.20	33.0A	3.8 GS	
3598	1975 11 29	06 26 56.2	5.12	77.57	33.0	4.8	
3600	1975 12 06	10 23 47.1	16.98	72.57	64.0	4.8	
3601	1975 12 08	01 50 19.1	5.51	77.30	78.0	5.0	
3602	1975 12 11	20 17 8.1	11.56	74.55	98.0D	6.0	
3603	1975 12 12	08 56 13.2	19.80	69.13	99.0	4.3	
3605	1975 12 19	22 57 17.6	17.58	70.72	122.0	4.9	
3606	1975 12 21	18 05 40.6	3.78	77.37	87.0D	5.3	3.5 Z
3608	1975 12 27	12 07 59.1	9.99	70.73	622.0	4.9	
3609	1975 12 29	15 10 32.8	16.60	73.99	27.0	4.7	
3610	1976 01 05	02 31 36.3	13.29	74.90	95.0	6.0	
3612	1976 01 06	23 54 22.2	17.92	69.48	76.0	5.6	
3614	1976 01 12	06 14 9.8	9.60	75.10	134.0	4.7	
3615	1976 01 18	23 28 49.9	12.00	77.53	33.0N	4.8	
3617	1976 01 20	17 44 17.8	15.65	70.90	195.9	4.1 GS	

VI-42

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
3618	1976	01	24	03 36 12.5	4.07	81.92	16.0	5.1	
3619	1976	01	24	16 57 34.1	2.95	77.92	61.7	4.2	GS
3620	1976	01	29	12 04 14.8	19.10	69.07	109.0	4.5	
3622	1976	02	01	15 58 20.9	7.38	80.44	43.0D	5.4	4.4 Z
3623	1976	02	09	09 39 8.7	14.90	73.71	106.0	4.6	
3625	1976	02	19	02 28 32.4	1.45	77.73	185.0	4.5	
3626	1976	02	27	03 36 13.6	19.48	69.07	103.0D	5.5	
3627	1976	02	29	03 45 53.0	8.54	79.43	65.0D	4.9	
3628	1976	02	29	05 59 6.8	9.10	71.33	614.0	4.8	
3629	1976	02	29	18 01 20.8	13.34	74.93	103.0	5.2	
3630	1976	03	08	08 58 17.3	15.53	74.40	71.0	5.1	
3634	1976	03	15	22 04 18.1	1.85	78.39	147.6		
3635	1976	03	19	08 21 52.3	1.29	77.75	186.0	4.9	
3638	1976	03	23	22 11 4.4	14.11	75.42	57.0	4.9	
3640	1976	03	25	07 08 42.4	9.53	78.67	97.0	4.8	
3642	1976	04	01	17 17 36.0	16.31	73.21	91.0	4.9	
3646	1976	04	15	17 48 9.2	14.76	76.03	43.0	4.9	
3647	1976	04	18	10 52 43.6	8.39	75.01	135.0D	4.7	
3649	1976	04	28	20 03 19.7	9.24	80.39	131.9	4.6	GS
3650	1976	04	29	23 30 17.0	9.20	79.27	68.0	5.0	
3652	1976	05	06	13 00 48.3	14.58	72.11	105.0	4.7	
3653	1976	05	07	05 10 49.3	8.62	74.72	133.0	5.3	
3654	1976	05	10	05 25 36.9	14.77	70.83	213.0	4.3	
3657	1976	05	15	21 55 58.5	11.64	74.48	33.0N	6.0	6.6 Z 6.5 PAS
3658	1976	05	15	23 28 16.1	11.55	74.38	33.0N	5.3	
3660	1976	05	16	03 03 3.8	11.55	74.35	9.0	4.7	
3661	1976	05	18	02 02 15.5	16.83	72.70	65.0D	5.4	
3662	1976	05	18	03 17 32.8	16.30	72.38	95.0	4.9	
3663	1976	05	19	08 35 28.9	11.54	74.40	16.0	4.6	
3665	1976	05	22	08 02 1.2	18.69	70.93	76.4	4.0	GS
3666	1976	05	23	16 32 33.0	10.49	78.32	73.0D	5.9	
3669	1976	05	25	18 26 44.4	17.79	68.82	198.6	3.9	GS
3672	1976	05	28	07 30 2.2	15.19	72.15	137.0	4.7	
3674	1976	06	02	21 46 6.6	16.04	69.51	254.8		
3678	1976	06	11	00 55 59.0	20.00	71.11	32.0	4.7	
3679	1976	06	13	22 02 47.6	15.31	75.42	33.0N	5.6	5.6 Z 5.6 BRK
3682	1976	06	18	10 13 51.0	15.30	75.50	33.0N	5.6	5.5 Z 5.6 BRK
3683	1976	06	18	14 58 53.6	15.20	75.44	32.0D	5.7	5.2 Z
3684	1976	06	18	17 10 42.6	15.43	75.69	40.3		
3690	1976	06	26	14 13 59.2	16.84	69.73	186.6	5.3	GS



## EARTHQUAKE CATALOG OF PERU

VI-43

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3691	1976	07	02	20	20	21.1	10.32	78.57	45.0	4.8	
3692	1976	07	08	12	46	16.9	4.75	79.72	80.0	4.6	
3695	1976	07	13	09	21	45.9	7.44	73.93	33.0A	4.9	
3696	1976	07	15	23	05	15.5	1.35	77.78	191.0	4.5	
3697	1976	07	18	09	43	56.9	10.19	70.99	512.9	4.5	GS
3698	1976	07	23	15	42	38.1	16.55	72.21	109.6	5.1	
3699	1976	07	24	05	49	2.4	11.92	77.60	33.0N	4.8	
3700	1976	07	29	08	48	30.5	15.45	75.23	63.0	4.8	
3702	1976	08	05	22	20	1.1	15.99	73.35	94.9	5.1	GS
3703	1976	08	06	14	31	20.0	10.29	78.67	60.0	5.2	
3704	1976	08	15	14	55	15.1	16.23	73.55	61.0	5.2	
3705	1976	08	16	18	05	9.6	4.46	80.47	99.7	4.8	
3706	1976	08	17	06	02	38.5	15.98	72.91	95.0	5.1	
3709	1976	08	21	03	26	54.7	19.62	69.28	114.0	4.6	GS
3714	1976	08	28	21	50	37.8	10.67	78.19	59.0	5.1	3.7 Z
3720	1976	09	14	04	38	24.0	5.37	77.21	29.0		
3722	1976	09	18	07	20	34.4	17.52	69.58	55.0	4.7	
3723	1976	09	25	10	51	20.8	17.66	69.69	152.0		
3724	1976	09	28	13	52	27.9	17.29	69.20	132.0	5.0	
3725	1976	09	28	13	53	44.8	14.68	69.85	335.5	4.3	GS
3727	1976	10	02	16	16	3.3	0.37	77.66	33.0A		
3728	1976	10	04	23	36	11.1	0.75	78.60	55.0	5.1	
3729	1976	10	05	16	36	29.1	0.63	78.74	33.0N	5.2	
3730	1976	10	06	09	12	38.9	0.75	78.78	33.0N	5.7	
3731	1976	10	06	10	45	23.1	0.84	79.06	15.2	4.7	GS
3732	1976	10	06	15	44	28.9	0.98	78.78	93.2	4.8	GS
3733	1976	10	07	22	01	18.5	0.30	80.40	48.0	5.0	
3735	1976	10	09	21	10	28.6	10.68	79.49	64.0	5.1	
3736	1976	10	10	06	19	24.2	0.79	78.61	51.0	4.8	
3737	1976	10	15	01	29	46.8	19.87	70.47	33.0A		
3738	1976	10	15	08	43	5.7	18.42	69.67	127.0		
3739	1976	10	16	18	07	29.3	15.72	70.24	230.0	4.7	
3740	1976	10	17	03	58	39.3	9.94	77.49	33.0A	4.9	
3741	1976	10	18	18	36	36.7	9.24	79.02	62.0	5.3	
3743	1976	10	23	05	43	15.1	15.76	71.82	145.1	4.9	GS
3744	1976	10	25	22	19	4.9	17.83	71.17	37.0	5.3	
3745	1976	10	27	00	05	49.9	1.26	77.95	41.8	5.2	
3746	1976	10	28	09	59	29.6	15.02	73.73	84.2	5.3	GS
3747	1976	11	01	03	01	51.4	12.49	77.82	32.0	5.2	
3753	1976	11	17	18	37	46.4	19.67	69.15	105.0D	4.9	
3756	1976	11	26	23	43	40.8	1.42	77.67	196.0	4.8	
3760	1976	11	30	17	08	40.9	19.95	69.21	69.0	5.5	
3762	1976	12	06	05	01	36.9	11.59	74.06	49.0	4.6	

VI-44

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3763	1976	12	15	02	33	22.8	15.00	73.71	96.0	5.0	
3764	1976	12	20	16	56	41.5	6.85	77.18	68.2	5.0	GS
3765	1976	12	22	11	07	58.1	15.32	70.30	185.0	4.6	
3766	1976	12	26	04	18	35.5	0.81	77.63	33.0N	5.2	
3767	1976	12	26	13	22	57.9	16.47	73.51	67.6	5.0	GS
3768	1976	12	27	06	22	29.0	3.76	80.72	65.0	4.9	
3770	1977	01	13	03	27	22.2	1.54	77.67	181.0	4.7	
3771	1977	01	16	11	19	34.7	16.02	75.39	29.4	3.6	GS
3772	1977	01	16	17	15	47.1	15.61	75.09	33.0N	4.2	
3776	1977	01	20	04	15	40.4	17.01	72.08	88.8		
3777	1977	01	22	11	37	25.2	16.96	71.62	72.5		
3778	1977	01	23	09	11	21.4	11.65	74.19	15.0	4.8	
3779	1977	01	26	15	16	9.4	12.15	78.01	14.0	5.1	
3780	1977	02	01	14	37	56.8	8.88	74.54	156.0	4.9	
3781	1977	02	07	05	18	32.3	19.71	68.88	116.5	4.8	GS
3782	1977	02	07	21	18	32.7	16.51	73.41	35.0	5.2	
3783	1977	02	08	05	27	10.1	16.93	73.68	61.2		
3785	1977	02	12	14	08	41.5	9.23	79.76	54.0	4.7	
3786	1977	02	13	13	09	31.7	12.20	73.92	33.0N	4.6	
3787	1977	02	15	14	19	25.3	19.20	69.95	77.0	4.5	
3789	1977	02	24	07	11	50.8	8.55	74.52	138.0	4.9	
3790	1977	03	01	01	02	25.6	8.75	74.57	141.0	4.6	
3791	1977	03	04	17	50	18.5	12.29	74.10	22.0	5.2	
3792	1977	03	08	13	08	56.3	11.96	74.20	41.0	5.6	5.6 Z
3793	1977	03	08	14	51	45.2	12.33	74.00	43.0	5.1	
3794	1977	03	08	22	46	4.8	12.06	74.03	14.0	5.6	5.4 Z
3796	1977	03	09	12	41	24.0	12.35	74.18	42.7	4.5	GS
3797	1977	03	09	14	34	4.3	12.47	74.04	33.0A		
3802	1977	03	13	04	54	42.0	16.96	69.80	128.0	5.2	
3804	1977	03	13	21	14	32.2	8.04	74.41	161.0D	5.1	
3805	1977	03	15	12	38	35.2	12.53	74.15	50.0	4.9	
3807	1977	03	19	06	28	18.7	1.55	77.65	200.0	4.4	
3812	1977	03	24	23	04	28.9	17.00	69.56	182.6		
3814	1977	03	30	18	53	36.8	5.24	78.52	21.0D	5.0	
3816	1977	04	05	07	34	52.8	16.54	71.02	117.0	4.7	
3817	1977	04	06	13	48	40.4	16.13	72.93	125.8		
3818	1977	04	07	20	31	9.5	15.45	76.32	27.0	5.2	
3819	1977	04	09	04	04	12.5	10.02	71.18	564.0	5.5	6.1 PAS
3821	1977	04	23	19	38	19.9	12.48	74.21	33.0A		
3824	1977	04	30	20	31	47.7	14.98	75.61	10.0	5.3	4.8 Z
3825	1977	05	01	00	09	6.2	6.11	77.13	123.0D	4.9	
3826	1977	05	02	08	31	18.9	15.22	71.78	132.0	4.7	
3830	1977	05	05	20	56	49.1	10.59	74.05	138.0	4.8	

## EARTHQUAKE CATALOG OF PERU

VI-45

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3831	1977	05	06	12 52 38.1	15.88	75.03	33.0N	5.0	
3833	1977	05	08	16 45 16.0	1.25	81.07	27.0	5.1	4.4 Z
3834	1977	05	08	18 00 0.0	1.23	81.10	42.0	5.1	4.9 Z
3835	1977	05	08	19 29 56.2	1.48	81.18	108.9		4.6 Z
3836	1977	05	09	01 27 17.2	10.92	74.32	28.6		
3837	1977	05	09	04 48 46.2	1.25	80.92	41.0	4.8	
3838	1977	05	09	17 57 39.8	8.38	77.43	34.0	4.8	
3839	1977	05	10	06 49 33.4	9.82	77.10	26.0	4.5	
3840	1977	05	10	12 45 33.2	10.60	75.38	59.0	4.9	
3841	1977	05	10	23 56 32.8	1.32	81.09	52.0A	4.9 GS	
3842	1977	05	12	18 22 17.1	16.12	74.31	57.3	4.7 GS	
3844	1977	05	13	13 35 16.9	5.75	77.09	49.0	5.0	
3845	1977	05	14	09 16 6.0	1.11	80.89	62.4	4.7 GS	
3849	1977	05	17	15 55 33.5	17.22	71.66	90.5		
3851	1977	05	21	12 02 22.1	1.50	80.90	33.0N	4.7	
3852	1977	05	21	14 14 41.3	1.59	80.91	48.0	5.0	4.7 Z
3853	1977	05	21	20 11 14.9	3.77	77.85	106.8	4.3	
3857	1977	05	26	06 19 40.8	1.85	81.20	10.0	5.0	5.1 Z
3859	1977	05	26	14 16 41.4	2.27	79.63	308.9		
3861	1977	05	28	07 27 10.6	2.39	80.13	33.0N	4.5	
3867	1977	06	06	17 47 7.8	18.87	69.80	105.0	4.9	
3868	1977	06	08	01 44 43.4	9.15	79.34	39.0	4.7	3.7 Z
3869	1977	06	09	15 58 25.1	4.14	82.55	33.0A	4.8	
3872	1977	06	13	01 02 1.8	5.62	77.41	33.0N	4.7	
3873	1977	06	21	15 32 8.0	15.87	75.50	33.0A	4.6 GS	
3879	1977	06	27	18 57 20.4	1.78	77.13	27.0D	5.0	
3880	1977	06	30	02 46 3.8	19.40	69.53	106.0	5.4	
3881	1977	07	10	03 06 52.2	9.23	75.76	31.0	4.9	
3882	1977	07	16	16 34 17.5	2.06	78.84	33.0A	4.8 GS	
3883	1977	07	19	00 48 32.2	8.91	76.93	123.0	4.7	
3884	1977	07	20	16 45 0.8	7.36	74.00	33.0A		
3885	1977	07	22	20 45 46.4	15.56	69.93	202.0	5.0	
3886	1977	07	24	23 25 36.4	5.58	77.39	33.0N	4.8	
3887	1977	07	25	17 05 5.5	11.67	74.16	44.0	4.8	
3890	1977	07	30	05 22 19.2	5.48	77.21	33.0N	4.9	4.5 Z
3891	1977	08	01	03 09 32.5	17.74	71.84	81.7	4.8 GS	
3894	1977	08	06	07 59 37.9	16.47	73.75	90.6		
3896	1977	08	07	21 42 8.2	18.15	71.56	79.1	5.0 GS	
3898	1977	08	14	10 58 10.9	19.39	71.78	33.0N	5.1	
3899	1977	08	14	11 30 31.5	8.28	80.06	39.8	4.9 GS	
3900	1977	08	15	16 49 39.3	4.32	80.88	34.0D	4.9	3.7 Z
3901	1977	08	19	12 15 54.4	17.38	70.93	64.0	4.8	
3902	1977	08	20	18 53 55.5	8.62	74.39	155.0D	5.1	

VI-46

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3903	1977	08	26	05	46	51.7	7.98	74.48	149.0	4.6	
3905	1977	09	08	06	36	20.7	16.93	70.75	120.8	4.7	GS
3906	1977	09	10	04	39	5.6	14.23	75.99	58.0	5.0	
3908	1977	09	12	05	29	53.1	16.31	75.28	33.0N	4.8	
3913	1977	09	20	17	17	59.5	4.05	79.88	164.0	4.7	GS
3914	1977	09	24	00	09	21.7	18.45	71.25	29.0D	4.8	
3915	1977	09	24	12	05	58.7	16.79	72.28	33.0A		
3916	1977	09	26	17	41	41.0	18.81	69.58	126.0		
3917	1977	09	28	01	01	52.1	5.71	77.04	81.0	4.7	
3918	1977	09	28	22	29	33.1	10.86	75.61	315.8	4.4	
3921	1977	10	02	18	46	35.6	8.98	79.18	46.0	5.3	4.7 Z
3922	1977	10	08	03	03	51.5	9.52	74.66	129.0D	5.5	
3924	1977	10	13	23	16	27.2	12.25	77.96	26.0	5.2	4.5 Z
3927	1977	10	20	10	00	1.5	8.25	80.14	33.0N	5.2	4.6 Z
3928	1977	10	21	09	22	46.5	19.46	69.41	105.0		
3929	1977	10	24	11	38	20.7	2.70	76.72	139.6		
3930	1977	10	26	07	24	41.1	16.82	72.60	56.0D	5.2	
3932	1977	11	02	14	47	57.2	10.08	74.76	48.0	5.5	4.5 Z
3933	1977	11	03	05	05	9.6	1.82	77.76	166.0	4.7	
3935	1977	11	08	04	00	24.6	15.88	69.61	265.0	4.3	
3937	1977	11	12	13	50	29.2	19.99	68.94	104.0		
3938	1977	11	12	16	57	58.2	1.75	77.74	172.2	4.5	GS
3939	1977	11	13	08	42	21.4	9.36	75.72	45.0	5.3	4.1 Z
3944	1977	11	24	16	42	20.2	15.30	71.17	190.8	4.7	GS
3945	1977	11	27	03	58	39.8	18.14	69.54	134.0	5.3	GS
3946	1977	12	01	07	49	25.2	14.09	76.98	33.0A	4.7	GS
3948	1977	12	05	04	38	26.3	11.63	74.23	33.0	4.5	
3952	1977	12	26	21	17	33.1	8.44	75.94	15.8		
3953	1977	12	31	07	53	18.0	15.30	71.68	158.0D	5.9	
3955	1978	01	03	07	52	45.6	17.09	71.82	65.0	5.1	4.5 ISC
3960	1978	01	18	05	33	58.4	8.70	74.31	170.0	5.0	
3961	1978	01	21	13	29	40.7	13.02	71.54	75.0	5.2	
3962	1978	01	22	16	48	2.0	11.69	77.67	63.7	5.1	GS
3963	1978	01	22	21	19	42.4	16.13	73.66	49.0D	5.4	4.9 Z
3964	1978	01	24	20	20	30.7	1.83	78.04	159.1	4.6	GS
3965	1978	01	26	02	19	44.6	10.86	74.23	40.0		
3966	1978	01	30	07	03	49.1	10.65	79.99	33.0A	5.0	5.3
3967	1978	02	02	06	15	1.9	8.88	75.68	45.0	4.6	
3968	1978	02	05	01	52	19.6	17.72	69.49	114.0	5.3	4.2 ISC
3969	1978	02	11	08	15	19.2	9.84	75.07	65.4	5.1	GS
3971	1978	02	15	15	05	42.3	9.64	78.05	61.8	5.3	GS
3973	1978	02	28	06	51	31.8	17.03	70.30	56.0	5.1	4.0 ISC
3974	1978	03	06	07	25	59.0	10.27	75.54	25.0	4.8	

## EARTHQUAKE CATALOG OF PERU

VI-47

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE	TIME	LAT S	LON W	DEP	MAGNITUDE	
	<i>yr mo dy</i>	<i>hr mn sec</i>	(deg)	(deg)	(km)	<i>mnb</i>	<i>Ms</i>
3975	1978 03 10	23 41 38.2	13.26	76.41	71.0	5.2	4.0 ISC
3976	1978 03 14	17 20 47.3	4.67	77.76	69.0D	4.8	
3977	1978 03 17	19 18 23.5	10.67	73.86	105.0	4.6	
3980	1978 03 24	00 31 22.1	5.22	75.59	42.0	5.3	
3981	1978 03 26	18 35 55.2	16.55	70.94	240.0	4.4	
3983	1978 04 02	09 07 7.1	19.07	69.28	86.0	5.3	4.6 ISC
3984	1978 04 03	05 31 32.7	3.58	77.11	48.0	4.7	
3985	1978 04 03	08 39 32.8	18.33	69.15	147.0	4.6	
3987	1978 04 10	13 40 40.4	5.61	81.22	33.0N	5.1	4.9 Z
3988	1978 04 11	22 57 48.5	5.73	75.01	148.0	4.7	
3989	1978 04 14	13 43 49.1	15.63	71.91	156.0	4.6	5.5 Z
3990	1978 04 15	13 49 32.3	16.47	73.51	50.0D	5.3	
3992	1978 04 17	10 36 52.8	10.33	73.92	83.0D	4.9	
3993	1978 04 20	03 41 48.6	12.97	75.26	92.6	4.7	
3997	1978 04 23	01 58 49.1	2.09	81.10	33.0N	4.8	3.7 Z
3998	1978 04 24	10 58 41.9	14.56	76.01	35.0	4.9	4.3 Z
3999	1978 04 27	11 19 43.6	12.70	76.78	73.0	4.5	
4000	1978 04 28	11 00 24.3	16.54	73.39	68.0		
4002	1978 05 04	09 41 41.6	18.97	69.71	128.0	4.3	
4003	1978 05 04	11 26 11.9	8.07	76.00	131.0	5.1	
4004	1978 05 05	12 55 21.4	10.24	70.97	530.0	4.6	
4005	1978 05 08	07 32 29.0	3.30	77.25	103.0	5.1	
4006	1978 05 15	00 02 17.1	10.27	75.47	16.0	4.5	
4007	1978 05 16	09 00 9.6	16.72	69.56	206.0	4.3	
4008	1978 05 16	20 05 35.8	18.65	70.14	55.0	5.1	3.8 Z
4009	1978 05 20	09 41 29.8	17.38	71.91	72.0	5.2	3.9 ISC
4010	1978 05 20	13 10 31.1	10.23	78.52	50.0D	5.6	5.5 Z
4011	1978 05 20	23 58 1.7	5.41	81.15	29.0	5.1	4.2 Z
4012	1978 05 22	21 41 21.8	12.31	78.04	33.0N		
4016	1978 05 25	20 26 38.8	15.38	75.33	67.0		
4018	1978 06 07	08 00 34.2	0.67	78.35	12.0	4.9	4.2 Z
4020	1978 06 09	07 34 58.8	7.77	74.54	152.0D	5.0	
4021	1978 06 09	09 22 12.2	4.91	80.87	39.0	4.5	
4022	1978 06 18	05 31 54.0	11.01	73.91	110.0	4.8	
4024	1978 06 24	06 37 35.0	14.90	70.67	177.0	4.8	4.7 ISC
4028	1978 07 03	05 24 55.0	6.07	81.23	33.0A	4.6	
4029	1978 07 03	10 00 2.7	11.13	76.09	121.0	4.7	
4030	1978 07 11	12 17 7.8	7.89	71.42	645.0	5.8	6.1 BRK
4032	1978 07 22	07 40 3.2	1.28	77.71	193.0	4.6	
4036	1978 07 28	14 01 28.8	10.19	71.04	608.0D	4.9	
4037	1978 07 29	01 11 15.0	14.82	71.85	128.0	4.4	
4038	1978 07 29	12 33 58.5	11.60	76.49	98.0	5.0	3.5 ISC
4040	1978 08 02	07 32 53.3	17.27	69.50	169.0	4.5	

VI-48

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4041	1978	08	04	16	16	16.3	16.95	71.33	30.0	5.1	3.7 ISC
4043	1978	08	08	01	43	23.2	17.62	70.01	149.0	4.6	
4044	1978	08	10	04	10	55.8	2.10	78.66	131.0	4.9	
4047	1978	08	30	00	26	3.6	5.30	78.41	127.0	5.0	
4048	1978	09	01	01	59	5.2	11.15	75.47	131.0	4.9	
4049	1978	09	01	17	55	36.4	16.45	73.78	41.0	4.9	
4052	1978	09	10	20	22	41.2	8.43	74.43	144.0	4.9	3.9 ISC
4054	1978	09	20	23	07	42.7	1.66	77.92	218.0		
4055	1978	09	25	08	56	42.4	19.54	68.48	90.0	4.9	
4056	1978	09	26	13	39	4.1	1.55	80.87	33.0N	4.7	
4057	1978	10	02	00	17	44.9	13.50	70.64	56.0	4.8	
4058	1978	10	05	08	48	16.7	16.73	73.61	65.8	4.1	
4059	1978	10	11	22	44	28.7	16.17	71.49	175.0	4.8	5.2 ISC
4060	1978	10	13	01	58	4.1	16.56	73.08	82.1	3.8	
4063	1978	10	24	04	40	53.0	8.25	74.40	168.0	4.2	
4064	1978	11	04	04	21	10.3	5.80	81.06	33.0N	5.0	
4065	1978	11	04	09	09	19.0	8.37	76.03	131.0	5.0	
4067	1978	11	09	00	36	56.3	1.42	77.89	182.0	4.8	
4069	1978	11	10	12	18	55.7	17.86	69.24	88.0	5.2	4.2 Z
4070	1978	11	10	17	25	32.1	14.33	73.49	94.0		
4072	1978	11	14	06	40	58.1	11.06	78.66	33.0N	4.8	
4075	1978	11	21	00	07	6.5	4.33	81.11	69.0	5.1	
4076	1978	11	22	06	24	17.6	7.34	75.90	33.0N	4.9	
4077	1978	11	24	15	16	42.2	4.82	80.96	33.0N	5.1	
4080	1978	12	18	13	37	31.2	1.42	77.63	168.0	4.4	5.5 Z 5.7 BRK
4081	1978	12	19	02	54	6.2	10.26	75.14	139.0	4.7	
4083	1978	12	22	18	47	39.7	8.39	74.09	168.0	4.4	
4084	1978	12	23	14	29	44.3	14.76	71.45	140.0D	5.1	
4086	1978	12	26	04	25	28.1	11.96	77.77	33.0N	4.8	
4087	1978	12	26	18	16	47.0	14.47	73.92	91.0	4.5	
4088	1978	12	27	08	04	22.1	17.39	72.16	58.0		6.9 Z
4091	1979	01	05	09	29	38.4	15.93	74.93	28.0	5.1	
4092	1979	01	06	00	16	24.6	16.01	75.11	42.0	4.4	
4093	1979	01	06	01	31	47.6	8.88	75.73	33.0N	5.7	
4094	1979	01	06	03	06	1.8	14.44	75.68	54.0D	4.7	
4097	1979	01	17	02	12	50.9	1.24	77.78	189.0	4.8	
4098	1979	01	19	04	56	32.0	13.57	74.85	105.0	4.9	6.9 Z
4100	1979	01	21	12	33	47.7	8.65	74.88	134.0	5.0	
4104	1979	01	27	13	38	58.2	5.29	76.65	56.8	4.5	
4106	1979	02	12	16	01	30.4	15.22	75.82	33.0N	4.7	
4107	1979	02	15	20	49	19.7	16.39	69.76	204.0	4.6	
4108	1979	02	16	10	08	53.4	16.39	72.66	53.0	6.2	

## EARTHQUAKE CATALOG OF PERU

VI-49

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE <i>yr mo dy</i>	TIME <i>hr mn sec</i>	LAT S <i>(deg)</i>	LON W <i>(deg)</i>	DEP <i>(km)</i>	MAGNITUDE	
						<i>mb</i>	<i>Ms</i>
4110	1979 02 16	22 18 20.0	16.50	72.66	52.0D	5.5	6.9 PAS
4114	1979 02 17	15 41 15.6	16.63	72.66	79.0	5.1	5.2 Z
4117	1979 02 20	14 02 43.1	16.70	72.74	56.0D	5.2	4.2 ISC
4118	1979 02 22	16 55 28.6	17.11	72.73	73.3	4.2	4.0 ISC
4119	1979 02 24	12 16 14.9	16.63	72.81	70.0	4.8	
4120	1979 02 26	06 33 33.4	8.29	75.11	131.0	4.9	4.0 ISC
4121	1979 02 26	16 08 36.4	16.13	75.15	33.0A	5.1	
4122	1979 02 27	08 16 58.9	15.66	70.60	209.4		
4123	1979 03 01	05 37 9.4	6.52	81.06	33.0N	5.1	
4124	1979 03 02	19 17 17.2	9.82	78.97	33.0N	4.8	
4126	1979 03 07	06 21 11.1	16.13	72.04	126.0	5.1	3.5 ISC
4127	1979 03 07	10 22 43.2	8.54	80.17	33.0N	4.9	3.6 Z
4130	1979 03 11	14 40 29.5	16.78	72.81	62.0	5.0	
4132	1979 03 17	16 51 1.1	8.77	79.54	44.0D	4.9	4.0 Z
4133	1979 03 19	12 39 31.4	15.88	69.33	252.0	4.7	
4134	1979 03 21	02 52 34.3	16.80	72.54	58.0D	5.1	4.7 ISC
4136	1979 03 29	05 14 5.6	9.38	78.85	68.0	4.9	3.8 ISC
4137	1979 04 06	02 41 20.8	1.68	77.69	189.0	4.5	
4139	1979 04 13	19 25 33.1	12.84	77.09	33.0A		
4140	1979 04 18	19 36 30.2	7.71	74.52	155.0D	4.7	
4143	1979 04 25	20 55 18.4	16.06	73.42	69.0	4.8	
4144	1979 04 25	22 18 1.6	15.19	72.37	74.0	5.0	
4145	1979 04 30	01 04 20.4	1.42	77.64	197.0	4.5	
4146	1979 05 01	20 36 10.8	19.42	69.13	103.0D	5.2	
4147	1979 05 02	17 15 24.7	16.64	72.69	66.0	4.5	
4148	1979 05 03	19 30 34.7	19.81	70.40	42.0	5.2	4.0 ISC
4149	1979 05 05	18 06 29.8	19.34	68.70	83.0		
4150	1979 05 07	03 09 33.5	19.45	69.25	103.3		
4152	1979 05 13	22 41 53.6	3.80	79.39	98.0D	4.7	
4153	1979 05 15	15 13 4.8	8.62	75.97	143.0	4.8	
4154	1979 05 20	01 43 24.5	6.32	77.39	33.0A	4.4	
4155	1979 05 21	22 22 23.6	15.25	70.09	208.0	6.0	6.2 BRK
4159	1979 05 27	12 07 5.0	16.96	72.71	65.0	4.6	
4161	1979 05 30	06 17 8.1	2.52	77.01	140.0	3.8	
4164	1979 05 31	15 05 46.3	9.96	74.82	141.0	4.9	
4167	1979 06 02	01 32 51.0	1.70	77.94	167.0D	4.5	
4168	1979 06 04	12 10 44.4	9.73	79.77	38.0	5.0	4.6 Z
4170	1979 06 07	03 53 22.4	9.96	75.33	128.0	4.6	
4177	1979 06 12	21 32 51.5	3.77	80.79	47.0D	5.0	
4178	1979 06 13	04 25 39.3	11.78	72.94	61.2	4.4	
4179	1979 06 13	15 46 11.1	7.76	80.64	33.0N	4.7	
4181	1979 06 15	08 53 36.7	12.17	76.65	74.0D	5.4	

VI-50

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4182	1979	06	16	04	54	26.4	15.61	73.96	84.0	4.9	
4183	1979	06	16	18	06	58.4	2.54	76.85	140.0	4.5	
4185	1979	06	17	19	33	32.7	19.20	68.89	116.0D	5.3	5.7 BRK
4186	1979	06	21	01	21	57.8	15.67	75.94	33.0N	5.3	
4188	1979	06	25	20	41	59.5	17.94	71.36	28.0D	5.0	4.2 Z
4189	1979	07	03	02	21	25.5	19.18	69.08	113.0D	4.8	
4190	1979	07	03	03	00	51.1	16.66	73.11	77.0	5.1	
4191	1979	07	03	16	04	34.7	12.80	77.63	33.0A	5.0	
4192	1979	07	06	13	45	39.9	15.07	70.50	239.0D	4.7	
4193	1979	07	15	09	08	32.5	12.37	77.01	60.0	4.9	
4199	1979	08	01	16	40	54.5	11.09	77.96	73.0	5.2	
4202	1979	08	08	13	36	38.7	15.71	69.46	269.0	4.0	
4203	1979	08	10	08	19	15.2	11.53	74.53	104.0	4.8	
4208	1979	08	21	12	16	11.5	15.82	74.36	81.0	4.9	
4209	1979	08	21	19	44	10.5	17.80	69.21	160.9	5.2	GS
4210	1979	08	24	10	48	55.1	14.52	75.85	33.0N	4.7	
4212	1979	08	26	12	19	0.4	6.97	80.60	33.0N	4.9	
4215	1979	09	08	01	13	6.1	14.40	75.87	67.0	4.7	
4219	1979	09	13	04	40	58.7	5.36	77.52	34.0	5.0	
4220	1979	09	15	10	02	13.1	15.63	69.56	214.0	5.6	4.3 ISC
4221	1979	09	16	09	09	9.6	2.31	79.05	92.0D	4.8	
4224	1979	10	05	16	43	16.2	3.55	76.27	116.0D	5.5	4.2 ISC
4225	1979	10	08	02	25	1.4	18.08	68.70	187.0	4.8	
4226	1979	10	09	16	57	5.3	6.35	76.28	118.0D	5.0	
4229	1979	10	11	17	47	31.8	5.41	77.13	33.0N	4.9	
4230	1979	10	11	17	48	37.2	5.41	77.21	33.0N	5.2	
4231	1979	10	15	16	34	8.8	13.39	76.60	61.0	5.0	
4233	1979	10	19	03	50	8.5	19.26	69.16	94.0	4.6	
4234	1979	10	28	05	13	16.7	16.27	75.20	33.0N	4.7	
4236	1979	11	04	13	58	14.4	16.83	69.51	187.0	4.6	
4237	1979	11	06	15	49	9.3	18.80	69.68	51.0	5.0	
4238	1979	11	13	06	22	2.6	2.31	76.73	140.0D	4.7	
4239	1979	11	15	13	36	29.7	16.42	74.81	33.0N	5.4	4.8 Z
4240	1979	11	18	13	50	45.4	6.46	73.91	33.0N	5.0	
4242	1979	11	26	21	05	47.7	3.39	80.72	53.0	5.1	
4244	1979	12	04	12	47	58.4	2.67	78.69	110.0	4.7	
4247	1979	12	07	09	36	57.0	13.35	76.63	71.0	4.7	
4251	1979	12	19	06	40	23.4	14.50	71.51	117.0	5.2	
4252	1979	12	21	00	26	6.9	2.65	79.01	91.0	5.0	4.1 ISC
4253	1979	12	26	02	02	54.1	16.13	71.13	144.0	4.8	
4254	1979	12	27	07	50	8.6	14.68	74.56	110.0	5.0	
4255	1979	12	27	11	53	43.9	15.13	70.90	200.0	4.6	
4256	1979	12	30	12	36	47.0	19.21	69.47	120.0D	4.7	



## EARTHQUAKE CATALOG OF PERU

VI-51

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4259	1980	01	02	22	27	12.1	10.87	79.12	33.0N	5.2	
4260	1980	01	02	22	30	24.2	10.71	79.15	17.0	5.3	6.3 ISC
4261	1980	01	02	23	08	25.2	10.77	79.10	15.0	5.1	
4262	1980	01	03	21	06	40.7	10.87	79.09	33.0N	5.3	
4264	1980	01	04	07	32	49.8	10.85	79.18	33.0N	5.1	
4265	1980	01	05	05	13	29.3	11.16	79.17	33.0N	5.0	
4267	1980	01	11	08	52	27.4	10.27	74.08	62.0	4.7	
4269	1980	01	13	12	02	17.6	9.78	78.65	63.0D	5.3	
4270	1980	01	16	15	49	15.0	14.54	73.49	94.0	5.7	6.1 PAS
4271	1980	01	19	04	34	56.1	9.83	80.03	33.0N	4.8	
4272	1980	01	20	07	12	59.3	14.43	76.22	51.0	4.8	
4273	1980	01	20	07	49	25.7	9.46	79.36	33.0N	4.9	
4275	1980	01	31	00	24	34.0	7.62	74.39	155.0D	4.8	
4276	1980	02	01	23	43	41.6	12.26	77.97	33.0N		
4283	1980	02	18	13	03	24.5	2.25	79.73	90.0	5.3	5.3 ISC
4285	1980	02	24	11	00	50.6	4.77	77.35	142.0	4.6	
4286	1980	03	02	10	03	28.0	9.19	78.92	33.0N	5.1	
4287	1980	03	02	15	19	51.4	16.43	69.65	231.5		
4288	1980	03	06	09	46	15.4	6.09	71.18	42.0	5.0	
4289	1980	03	06	12	29	49.8	16.50	73.50	89.0	4.9	
4290	1980	03	06	15	13	56.5	8.97	71.10	621.0	4.7	
4292	1980	03	07	08	25	7.8	16.69	72.95	43.0	5.4	5.9 Z 5.9 BRK
4293	1980	03	07	09	11	9.2	17.85	73.24	33.0A	4.5	
4294	1980	03	08	02	50	4.0	8.45	74.18	159.0	4.8	
4296	1980	03	10	06	11	2.2	16.82	72.94	57.0	4.8	4.2 ISC
4297	1980	03	12	04	27	34.4	15.21	75.71	37.0	5.0	
4298	1980	03	16	00	19	25.9	11.64	73.52	55.0	4.9	4.4 Z 3.8 ISC
4299	1980	03	16	18	53	48.7	16.76	72.99	52.0	5.0	
4300	1980	03	20	14	32	37.9	5.00	80.73	71.0	4.8	
4301	1980	03	27	06	16	47.5	17.31	70.04	151.0	4.6	
4302	1980	03	28	06	16	55.1	8.99	71.38	500.0D	4.7	
4303	1980	03	28	15	39	39.0	1.77	77.92	159.0D	4.7	
4304	1980	03	29	11	56	29.4	7.66	74.32	148.0D	4.7	
4305	1980	04	02	23	14	34.1	8.62	74.69	138.0	4.6	
4306	1980	04	04	06	25	25.4	7.89	74.41	154.0D	5.0	4.0 ISC
4309	1980	04	05	19	56	14.6	3.74	81.59	60.3		
4310	1980	04	06	18	25	59.6	17.00	72.80	79.0		
4311	1980	04	09	10	00	19.0	9.84	75.10	128.0	4.8	3.9 ISC
4312	1980	04	10	00	46	3.2	11.61	77.38	77.0	4.9	
4314	1980	04	18	19	33	36.3	14.77	71.28	134.0	5.1	
4315	1980	04	20	11	26	22.9	2.52	78.50	107.0D	5.1	3.5 ISC
4318	1980	05	04	23	29	3.2	5.12	78.81	127.0	4.6	

VI-52

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4320	1980	05	08	15	44	9.6	0.15	77.59	25.3		
4321	1980	05	14	14	44	16.9	17.22	73.02	34.0	5.0	4.5 Z
4322	1980	05	16	02	52	54.3	0.59	78.98	11.0	4.7	
4323	1980	05	16	04	52	53.8	7.92	73.75	186.0D	5.3	4.0 ISC
4324	1980	05	18	13	42	30.9	16.20	71.88	125.0	4.5	
4325	1980	05	23	03	40	38.6	19.18	69.44	112.0	4.6	
4329	1980	05	26	18	41	42.9	19.36	69.24	114.0D	6.1	6.1 ISC
4330	1980	05	26	21	20	31.1	19.77	69.44	128.0	4.4	
4332	1980	05	29	23	21	10.7	17.19	69.57	176.0	4.5	
4334	1980	06	03	19	17	40.1	13.44	72.62	40.0	4.9	4.4 ISC
4336	1980	06	11	00	46	19.1	14.88	76.99	0.0A	4.8	
4338	1980	06	15	23	47	15.0	15.52	75.24	26.0D	5.4	5.4 Z
4341	1980	06	16	10	40	46.0	15.76	75.48	23.0D	4.7	4.2 Z
4342	1980	06	16	21	47	32.5	8.71	74.81	144.0	4.9	
4345	1980	06	19	14	12	22.6	18.77	71.14	65.1		
4346	1980	06	23	18	35	21.2	15.80	74.14	48.0	5.0	6.0 ISC
4349	1980	06	29	20	12	51.5	15.36	74.10	89.0	4.8	
4353	1980	07	15	04	01	51.8	5.66	81.11	33.0A	4.5	
4354	1980	07	17	07	48	40.3	19.36	69.13	116.0D	4.7	
4355	1980	07	20	13	54	26.4	9.66	74.95	134.0	5.2	
4356	1980	07	21	08	47	56.2	18.52	69.35	137.0	4.7	
4358	1980	07	25	00	11	43.1	8.06	74.52	168.0	4.6	
4359	1980	07	28	08	55	59.8	10.41	74.67	29.0	5.0	
4360	1980	07	29	11	43	44.6	1.45	77.77	192.0	4.5	
4362	1980	08	11	19	41	5.8	15.54	75.18	33.0N	5.1	5.1 Z
4363	1980	08	16	19	22	33.5	13.05	74.39	33.0N	5.1	3.7 ISC
4365	1980	08	18	15	07	52.6	1.95	80.02	55.0D	5.6	6.1 PAS 5.6 BRK
4366	1980	08	20	20	32	8.2	2.10	80.19	44.0D	4.6	
4367	1980	08	22	03	37	56.7	15.39	75.75	53.2	4.9	3.4
4368	1980	08	22	08	53	46.8	9.82	79.82	33.0N	4.6	
4370	1980	08	31	17	03	22.3	6.25	80.88	28.0D	5.2	4.5 Z
4371	1980	09	03	11	17	59.5	5.64	79.36	75.9	4.3	
4372	1980	09	03	18	48	36.8	1.90	78.05	154.0D	4.8	
4375	1980	09	14	23	41	58.1	1.83	78.05	167.0	4.3	
4376	1980	09	15	01	14	4.3	4.29	80.89	33.0A	4.4	
4377	1980	09	16	22	08	22.6	7.11	75.81	33.0N	4.9	
4378	1980	09	17	15	39	6.4	6.73	76.99	132.6	4.4	
4384	1980	09	23	00	18	19.8	18.09	69.98	134.0	4.7	
4385	1980	09	26	09	02	26.4	19.65	69.43	115.0	4.5	
4386	1980	09	29	00	31	54.8	17.41	69.88	135.0D	4.9	
4390	1980	10	08	22	01	34.8	1.38	77.69	190.0D	5.5	5.0 ISC
4391	1980	10	10	19	10	1.8	8.44	74.64	135.0	4.7	

## EARTHQUAKE CATALOG OF PERU

VI-53

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4392	1980	10	16	09	16	54.4	19.71	69.00	33.0A	4.8	
4394	1980	10	21	12	55	28.7	2.04	79.54	112.0	4.8	
4396	1980	10	27	09	41	30.4	19.55	70.33	73.0	4.8	
4399	1980	11	02	18	21	15.6	4.53	79.44	95.0D	5.0	3.1 ISC
4400	1980	11	02	22	40	41.4	17.06	72.65	76.8	4.7	
4401	1980	11	05	19	24	25.3	15.93	72.28	129.0	4.8	
4402	1980	11	06	11	24	12.4	18.50	69.22	137.0	4.8	
4403	1980	11	09	14	11	7.8	17.02	72.80	53.0	5.1	3.7 ISC
4404	1980	11	10	22	21	13.8	13.19	74.52	48.0	5.1	4.0 ISC
4407	1980	11	12	06	58	11.6	13.35	74.54	71.0	4.9	
4408	1980	11	12	08	19	48.5	1.14	77.82	33.0A	4.1	
4409	1980	11	12	11	15	32.9	13.28	74.52	37.0	4.9	3.6 Z
4410	1980	11	12	11	54	33.9	18.95	69.25	113.0D	5.1	
4417	1980	11	21	13	20	33.0	8.68	75.93	33.0A	4.4	
4419	1980	11	24	11	03	14.5	9.27	74.08	165.0	4.5	
4420	1980	11	24	20	34	18.7	14.90	76.23	33.0N	5.1	
4424	1980	12	11	21	31	43.2	13.19	74.41	47.0		
4429	1980	12	14	22	57	50.3	11.02	74.19	169.7	4.6	GS
4430	1980	12	16	00	35	11.6	17.05	69.97	33.0N	4.9	4.4 Z
4431	1980	12	17	08	45	18.7	13.20	74.40	43.0	5.2	3.7 Z
4432	1980	12	17	09	44	13.0	14.84	72.45	102.0	4.8	3.5 ISC
4433	1980	12	22	11	05	25.6	17.08	70.06	33.0N	4.9	4.9 Z
4435	1980	12	22	14	09	58.5	9.83	75.53	54.1	4.6	
4436	1980	12	23	09	44	23.1	11.49	73.08	53.0	4.4	
4437	1980	12	25	00	51	4.5	4.12	81.15	33.0N	5.1	
4440	1980	12	29	01	19	22.0	12.28	71.26	33.0N	4.8	
4441	1980	12	30	06	44	11.8	5.37	80.20	96.0	4.0	
4446	1981	01	13	12	46	54.7	18.05	71.50	36.0D	5.0	
4447	1981	01	21	19	12	57.9	10.50	74.17	126.0D	5.2	
4448	1981	01	23	01	08	53.2	14.59	70.52	40.0	5.3	
4449	1981	01	24	09	02	1.9	13.20	74.39	33.0N	4.6	
4452	1981	01	28	04	37	55.0	10.29	75.45	33.0N	4.7	4.3 Z
4455	1981	02	02	07	20	33.2	16.95	71.15	85.0	4.7	
4457	1981	02	03	08	38	40.1	11.05	75.37	111.0	4.8	
4459	1981	02	13	19	58	52.2	15.59	74.53	65.0D	5.6	5.2 BRK
4460	1981	02	14	04	28	10.0	15.02	70.14	199.0	4.8	
4461	1981	02	16	13	59	31.8	13.10	74.48	33.0N	5.0	3.6 ISC
4462	1981	02	18	04	11	52.1	9.74	74.73	140.0	4.6	
4463	1981	02	18	23	24	56.5	1.75	77.33	199.0	4.5	3.9 ISC
4464	1981	02	27	09	15	9.5	15.87	75.66	33.0N	4.7	
4465	1981	02	28	21	56	13.5	6.41	81.42	33.0N	5.3	6.0 Z 6.3 PAS
4467	1981	03	04	08	38	20.4	2.34	81.08	33.0A	4.6	

VI-54

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4469	1981	03	05	04	03	33.3	18.00	69.44	146.9		
4471	1981	03	09	22	03	4.0	2.02	80.16	76.0	4.9	
4472	1981	03	10	06	51	1.8	0.77	77.41	49.1	4.5	
4474	1981	03	13	18	18	19.4	14.70	70.32	241.0D	5.0	
4476	1981	03	17	07	44	8.6	9.85	74.87	133.0	5.0	
4480	1981	03	21	20	47	43.2	10.68	75.02	33.0A	5.0	
4481	1981	03	26	02	46	46.0	1.64	77.87	171.0	4.5	
4482	1981	03	26	18	04	44.7	19.37	68.96	138.0D	5.8	5.9 ISC
4488	1981	04	02	07	59	43.7	10.22	74.86	61.2	4.9	
4494	1981	04	11	10	22	8.7	5.50	77.34	33.0N	4.9	
4499	1981	04	13	21	32	51.0	8.82	72.90	42.0	5.0	
4503	1981	04	18	00	32	39.8	13.14	74.38	38.0	5.3	4.8 Z
4505	1981	04	18	14	29	52.4	13.16	74.44	39.8	5.1	
4513	1981	04	20	14	30	43.5	14.76	73.95	93.0	4.6	
4516	1981	04	22	09	47	21.5	2.82	78.74	33.0A	4.4	
4518	1981	04	23	15	39	14.3	14.86	70.84	195.0	4.9	
4521	1981	04	25	10	42	43.3	8.82	74.49	170.0	5.1	
4522	1981	04	25	14	35	47.7	3.55	76.68	110.0D	4.9	
4525	1981	04	27	09	23	19.4	9.85	75.58	33.0N	4.5	
4526	1981	04	27	16	22	33.7	4.46	77.03	127.0	4.8	
4533	1981	05	02	02	35	33.4	10.39	74.43	144.2	4.5	
4536	1981	05	02	19	16	32.4	17.81	71.76	16.0	5.1	
4538	1981	05	06	21	34	48.8	2.03	80.98	33.0N	5.3	6.3 ISC
4539	1981	05	06	21	36	6.8	1.89	80.89	33.0N	6.0	6.4 Z
4540	1981	05	07	20	38	22.4	2.06	80.99	43.7	4.5	6.0 BRK
4541	1981	05	07	21	45	49.0	18.10	69.64	156.0	4.5	
4544	1981	05	10	13	49	17.3	8.44	82.04	33.0A	4.4	
4545	1981	05	11	02	43	21.6	19.08	69.76	107.0	5.0	
4551	1981	05	18	07	17	13.4	10.32	78.40	58.0D	5.2	
4552	1981	05	22	03	08	14.0	16.24	71.56	126.0	5.0	
4553	1981	05	22	17	48	0.7	19.30	69.26	92.0	4.9	
4558	1981	05	24	21	29	6.1	18.72	69.54	124.0	4.7	
4559	1981	05	26	04	45	51.7	4.91	76.43	102.3	4.6	
4560	1981	05	26	04	55	30.2	3.00	79.18	96.0	5.1	
4561	1981	05	27	07	51	45.5	13.44	73.69	23.5	4.1	GS
4562	1981	06	05	07	09	5.2	11.33	73.71	107.5	5.3	
4564	1981	06	05	23	34	54.6	3.90	80.71	37.0D	5.3	
4566	1981	06	06	15	01	30.7	9.99	78.82	47.0D	4.8	
4567	1981	06	06	17	59	40.5	16.64	73.39	33.0A		
4568	1981	06	07	14	39	14.8	18.81	69.57	122.1	4.7	
4571	1981	06	14	16	31	2.1	8.54	79.69	37.0D	4.6	
4573	1981	06	18	07	14	42.8	8.75	75.06	160.5		

## EARTHQUAKE CATALOG OF PERU

VI-55

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
4575	1981	06	21	23 58 59.9	4.86	76.91	102.0D	5.1	
4577	1981	06	22	17 53 21.3	13.17	74.52	23.7	5.1	5.2 Z
4579	1981	06	22	18 40 15.2	13.03	74.43	33.8	4.7	
4581	1981	06	23	02 28 25.4	13.24	74.60	32.1	4.8	4.5 Z
4585	1981	06	24	07 54 22.3	4.97	81.11	33.0A	4.4	
4586	1981	06	24	13 25 35.3	2.52	79.10	90.0D	4.5	
4589	1981	06	27	21 54 14.6	3.05	80.33	49.0D	5.1	4.5 ISC
4591	1981	06	28	12 56 20.0	7.82	74.30	132.9	4.8	
4592	1981	06	28	18 30 11.6	16.27	69.96	206.3	4.9	
4593	1981	06	30	04 30 5.8	13.29	74.64	17.4	4.6	3.9 Z
4595	1981	07	04	15 14 28.6	10.34	77.48	95.4	4.8	
4596	1981	07	04	22 39 56.4	13.09	74.43	41.0	4.7	3.8 ISC
4598	1981	07	06	08 16 15.0	16.04	70.47	97.0	4.4	
4600	1981	07	08	01 16 3.1	14.14	76.75	32.9	4.9	
4602	1981	07	13	19 47 34.8	6.71	76.82	33.0N	4.9	
4607	1981	07	16	05 27 59.5	10.31	77.87	33.0N	4.6	
4608	1981	07	17	13 59 52.1	13.86	76.73	29.1	4.4	
4610	1981	07	18	18 14 32.6	16.98	73.63	33.0N	4.6	
4612	1981	07	21	13 11 29.6	8.41	80.16	33.0A	4.5	
4614	1981	07	22	02 44 27.8	11.84	77.80	65.2	4.6	
4615	1981	07	22	07 40 53.9	11.12	78.14	39.0D	4.9	
4624	1981	07	29	22 43 55.0	2.64	76.36	121.0	4.3	
4625	1981	08	03	13 37 47.4	5.35	78.13	91.0D	4.9	
4627	1981	08	06	07 14 10.3	16.71	73.52	33.0A	4.7	GS
4628	1981	08	11	23 47 12.1	16.62	72.68	84.4	5.0	
4629	1981	08	12	14 50 44.1	18.67	69.76	134.3	4.3	
4630	1981	08	13	21 19 23.4	18.67	69.43	130.0D	4.6	
4631	1981	08	16	21 46 53.6	8.61	74.65	147.0D	4.9	
4632	1981	08	16	23 11 21.7	8.60	74.52	149.0D	4.8	
4634	1981	08	19	14 29 43.6	3.89	80.97	32.0D	5.2	3.8 ISC
4637	1981	08	21	09 36 7.9	16.67	73.64	63.1	4.4	
4642	1981	08	26	09 56 28.6	13.93	72.57	105.0D	4.4	
4658	1981	09	15	15 08 12.5	10.60	74.58	33.0N	4.7	
4663	1981	09	20	02 54 3.6	8.27	74.37	157.0D	4.7	
4665	1981	09	25	01 34 30.7	19.72	69.34	121.0D	4.6	
4670	1981	10	04	00 32 59.1	16.49	72.58	33.0A		
4672	1981	10	04	20 03 53.0	1.55	77.36	203.6	5.2	
4673	1981	10	04	22 45 54.1	14.41	76.13	33.0N	4.8	
4675	1981	10	07	08 03 21.4	17.95	71.73	33.0N	4.4	
4676	1981	10	07	20 03 47.7	2.48	77.21	136.4	4.8	
4678	1981	10	08	22 25 53.0	17.12	70.05	147.2	5.0	
4682	1981	10	12	12 24 13.4	17.18	72.17	57.2	4.6	
4683	1981	10	13	04 33 7.8	1.73	77.99	160.5	4.4	

VI-56

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
4686	1981	10	15	18 45 29.7	14.86	71.59	126.0D	4.9	
4689	1981	10	24	17 01 34.9	15.61	74.49	33.0N	4.7	4.0 Z
4691	1981	10	27	11 01 56.3	11.57	74.19	33.0A	4.4	
4694	1981	10	29	17 58 15.8	11.60	74.17	47.9	4.4	
4696	1981	10	31	10 14 1.6	10.06	79.73	31.0D	5.3	4.9 Z
4700	1981	11	02	14 30 55.0	18.91	69.78	94.0D	5.1	
4701	1981	11	03	07 02 38.6	1.83	78.44	129.4	5.6	
								5.8	BRK
4702	1981	11	03	09 19 32.3	19.50	69.26	120.5		
4703	1981	11	04	01 10 22.8	10.22	79.76	33.0A	4.4	
4708	1981	11	11	07 52 42.6	8.87	72.93	40.0	4.7	3.7 Z
4709	1981	11	15	08 43 35.9	17.69	73.46	33.0N	5.0	
4713	1981	11	19	01 13 41.9	2.04	78.14	230.9	4.6	
4718	1981	11	22	23 15 8.7	12.00	74.68	114.0	4.9	
4725	1981	11	27	17 46 0.8	17.52	69.77	145.2	4.7	
4726	1981	11	30	07 48 39.5	5.15	77.65	89.2	4.4	
4727	1981	11	30	15 42 28.2	17.02	69.85	133.0D	5.4	
4733	1981	12	06	04 31 7.6	1.40	77.65	189.0D	4.7	
4737	1981	12	08	16 15 26.0	8.72	73.60	111.5	4.9	
4748	1981	12	19	19 24 25.2	14.98	75.11	63.8	4.8	
4749	1981	12	20	06 12 12.7	17.70	69.92	139.2	4.7	
4755	1981	12	23	22 11 8.8	19.20	70.27	58.2	5.3	
4758	1981	12	25	18 54 23.4	3.51	78.11	111.2	4.7	
4760	1981	12	27	21 23 12.9	8.33	79.96	28.0D	5.3	4.7 Z
4761	1982	01	02	06 45 34.3	18.52	70.10	110.4	4.2	
4762	1982	01	03	02 05 21.2	5.37	81.31	33.0N	4.7	3.8 Z
4763	1982	01	04	15 33 8.2	19.14	69.62	109.0	5.2	
4767	1982	01	14	08 08 7.5	19.85	69.28	108.2	4.6	
4770	1982	01	22	22 43 56.2	1.20	77.20	254.0	4.9	
4771	1982	01	26	06 46 44.6	19.81	69.71	106.9	4.6	
4772	1982	01	27	17 14 28.0	7.06	74.44	161.0D	5.1	
4773	1982	01	29	02 28 28.3	18.56	71.27	33.0A		
4777	1982	02	03	00 37 48.3	2.27	79.17	92.8	5.0	
4780	1982	02	04	18 57 43.6	4.99	77.51	33.0N	5.3	4.0 ISC
4781	1982	02	05	05 14 36.0	8.12	74.40	161.6	4.9	
4786	1982	02	13	09 01 1.7	10.84	78.74	33.0N	4.8	
4797	1982	03	01	01 34 13.1	7.58	76.71	146.0	4.7	
4801	1982	03	06	01 27 31.5	1.38	77.69	194.0	4.7	
4802	1982	03	07	18 49 38.3	15.35	73.15	118.7		
4805	1982	03	09	17 12 16.6	17.46	69.56	166.7	4.9	
4807	1982	03	11	20 13 4.8	17.05	72.00	10.0G	5.1	4.3 Z
4808	1982	03	13	20 11 27.2	17.15	71.99	33.0A	4.4	
4812	1982	03	22	21 44 9.3	19.88	68.74	126.0D	5.1	

## EARTHQUAKE CATALOG OF PERU

VI-57

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4814	1982	03	23	01	58	40.3	17.39	89.67	171.1	4.7	
4815	1982	03	23	05	10	7.3	12.40	77.67	57.0D	5.1	3.9 ISC
4816	1982	03	25	18	34	35.6	15.16	71.72	166.0		
4819	1982	03	28	23	24	51.1	12.69	76.07	95.0D	6.1	
4820	1982	04	01	16	11	55.4	18.35	71.38	45.2	5.2	4.0 ISC
4821	1982	04	02	03	57	20.1	13.88	76.23	0.0A	5.1	3.5
4824	1982	04	07	11	52	3.0	2.50	78.56	87.9	5.2	
4825	1982	04	11	12	21	30.0	2.95	78.64	33.0N	5.4	4.2 ISC
4830	1982	04	16	18	05	7.9	17.04	73.10	25.3	5.0	4.9 Z
4831	1982	04	17	04	29	24.3	2.33	78.28	33.0N	4.4	
4833	1982	04	18	14	15	57.1	5.62	77.54	61.0D	4.6	
4835	1982	04	18	18	43	8.1	11.79	76.05	133.0	4.5	
4836	1982	04	19	04	38	43.8	14.96	73.69	110.7	4.5	
4838	1982	04	21	02	12	19.0	9.48	78.82	64.0D	5.2	4.2 ISC
4841	1982	04	25	14	39	14.3	11.17	78.57	33.0N	4.9	
4844	1982	05	03	03	27	17.7	13.49	76.11	70.0	5.4	
4846	1982	05	08	01	25	15.2	1.69	78.01	171.0	4.9	
4848	1982	05	08	06	19	2.1	2.04	79.71	97.3	4.9	
4849	1982	05	09	11	07	43.3	16.48	74.74	33.0A		
4852	1982	05	20	12	10	50.2	1.57	78.01	169.0D	5.1	
4853	1982	05	23	08	36	29.1	17.11	69.66	184.1		
4857	1982	05	25	05	19	1.8	5.47	77.44	17.0D	4.9	
4862	1982	06	02	17	33	4.0	16.73	73.99	33.0N	4.8	
4863	1982	06	02	22	47	43.6	14.09	76.36	46.1	5.0	4.3 ISC
4864	1982	06	03	06	43	50.8	18.89	68.02	184.8	5.2	
4865	1982	06	04	01	32	7.4	18.69	70.83	33.0A	4.8	3.6
4866	1982	06	07	09	47	48.3	16.56	72.81	111.7	4.2	
4867	1982	06	09	22	38	45.3	16.09	72.04	130.4	4.5	
4869	1982	06	12	12	57	26.0	15.44	73.40	102.7	4.5	
4872	1982	06	19	02	06	53.8	9.70	71.15	651.8		
4876	1982	07	01	00	32	59.7	4.55	80.33	100.1	4.5	
4877	1982	07	01	02	56	27.2	18.68	69.40	148.7	5.0	
4881	1982	07	11	02	13	37.7	16.65	73.21	38.7	5.3	5.2 Z
4884	1982	07	12	15	05	27.4	17.15	73.27	52.4	5.1	
4888	1982	07	21	22	11	3.5	13.22	75.09	98.6	5.1	
4892	1982	07	25	19	22	35.2	3.37	80.59	42.0D	4.7	
4900	1982	08	03	00	49	52.0	15.93	71.32	78.7	4.9	
4901	1982	08	03	19	57	25.2	16.59	71.48	123.4	4.3	
4904	1982	08	04	23	06	29.4	15.62	75.92	33.0A		
4906	1982	08	07	22	44	36.2	1.64	77.85	178.0	4.3	
4907	1982	08	08	03	43	48.0	16.51	72.45	109.2		
4908	1982	08	08	06	02	26.6	1.84	77.97	166.9	4.3	
4909	1982	08	09	04	50	38.6	15.23	71.04	164.4	4.8	

VI-58

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4910	1982	08	10	04	51	48.6	5.35	77.37	33.0N	5.5	4.5 ISC
4919	1982	08	15	06	11	16.0	10.06	76.35	106.1	5.5	
4923	1982	08	20	22	03	29.2	14.98	74.15	156.4		
4924	1982	08	22	16	14	59.8	19.57	69.35	165.3		3.7 ISC
4925	1982	08	23	08	38	42.6	14.95	73.94	45.9	4.5	
4929	1982	08	26	05	22	59.7	2.69	79.87	70.0D	5.8	
										5.6 BRK	
4931	1982	08	28	11	58	51.3	15.90	71.52	151.2	4.8	4.5 Z
4932	1982	08	29	00	59	20.7	19.36	70.32	33.0N	5.1	
4939	1982	09	03	05	55	24.8	8.73	80.20	33.0N	4.7	
4944	1982	09	11	08	01	41.1	7.58	75.56	40.0	4.8	
4946	1982	09	12	16	57	56.2	6.98	80.31	33.0N	4.7	
4948	1982	09	15	20	22	55.3	14.49	70.79	128.3	6.0	
										6.3 BRK	
4951	1982	09	22	07	53	39.2	1.76	77.36	185.6	4.5	
4953	1982	09	26	14	35	13.0	3.09	75.69	136.0D	4.7	
4962	1982	10	06	23	23	43.8	19.32	70.25	68.0D	5.1	
4963	1982	10	08	01	14	3.3	15.12	72.27	131.2		
4965	1982	10	10	05	55	46.3	18.45	69.73	144.8		
4967	1982	10	15	07	54	57.1	13.43	74.35	26.2	4.4	
4968	1982	10	16	00	12	45.1	14.16	73.00	87.0D	4.9	
4969	1982	10	16	11	12	15.5	16.20	73.78	34.0D	5.0	4.6 Z
4971	1982	10	17	07	39	12.3	6.01	82.45	33.0A	4.4	
4972	1982	10	17	08	35	25.3	15.67	73.04	114.0D	5.2	
4977	1982	10	22	23	12	48.3	9.08	74.50	180.8	4.0	
4979	1982	10	23	05	56	41.3	15.49	70.40	214.2	4.3	
4986	1982	10	29	15	33	40.1	4.23	80.65	35.0D	5.3	4.1 Z
4989	1982	11	07	23	59	29.7	16.16	72.97	105.3		
4993	1982	11	14	12	55	29.8	15.11	71.79	138.7	4.6	
4996	1982	11	18	14	57	52.4	1.72	76.70	195.0D	6.0	
										6.4 PAS	
										6.1 BRK	
4997	1982	11	19	04	27	13.8	10.60	74.70	14.0D	6.3	6.3 Z
											6.6 BRK
											6.3 PAS
4998	1982	11	19	05	07	48.8	10.41	74.90	33.0N	4.7	
4999	1982	11	19	12	34	18.0	10.73	74.78	33.0N	5.1	
5001	1982	11	20	14	43	37.9	10.67	74.53	33.0N	4.2	
5003	1982	11	22	04	20	30.9	16.47	73.52	33.0N	4.9	3.9 Z
5005	1982	11	23	06	56	14.9	11.11	75.37	119.8	4.6	
5006	1982	11	23	08	19	21.3	10.43	74.93	36.3	4.9	
5007	1982	11	26	15	55	13.7	10.91	74.18	33.0N		
5008	1982	11	26	23	56	43.7	0.18	77.86	108.1	4.5	
5009	1982	11	27	15	02	54.8	10.74	74.45	33.0N	4.5	



## EARTHQUAKE CATALOG OF PERU

VI-59

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5010	1982	11	29	15	39	6.7	18.32	69.56	115.0D	5.3	
5012	1982	11	30	22	11	43.0	8.37	74.30	162.1	5.1	
5013	1982	12	02	08	41	6.0	10.84	74.57	54.2	4.9	
5016	1982	12	06	08	47	56.8	18.51	68.88	149.8	4.7	
5018	1982	12	11	04	44	0.0	10.50	74.89	33.0N	4.8	
5020	1982	12	11	18	27	43.5	19.72	69.42	120.4	5.0	
5021	1982	12	12	10	42	49.6	15.56	70.68	212.2	4.9	
5024	1982	12	16	14	07	35.6	14.38	70.54	175.1	5.2	
5025	1982	12	18	05	24	14.2	10.74	74.77	33.0N	4.6	
5026	1982	12	18	10	15	6.2	6.39	75.69	33.0N	5.4	4.3 Z
5028	1982	12	21	04	45	2.8	8.21	74.18	158.1	4.6	
5029	1982	12	21	11	30	51.8	11.42	74.16	133.4	4.5	
5031	1982	12	25	00	02	27.8	15.39	73.65	99.1	4.9	
5034	1982	12	28	08	06	33.5	18.91	69.59	52.0D	5.3	
5035	1982	12	30	13	05	47.6	19.79	69.48	113.6	4.7	
5036	1982	12	31	02	46	50.7	10.74	78.96	28.0D	5.0	3.9 Z
5037	1982	12	31	17	09	8.2	1.55	78.04	171.0D	4.6	
5038	1983	01	01	05	31	56.1	16.94	69.11	172.0D	5.7	
										6.2 PAS	
										5.7 BRK	
5041	1983	01	12	03	06	55.1	10.77	74.63	33.0N	5.0	
5042	1983	01	19	17	43	52.2	11.36	74.84	110.7		
5043	1983	01	24	20	58	54.0	15.59	75.51	33.0N	4.7	
5044	1983	01	31	12	27	19.8	8.42	74.22	115.3	4.8	
5046	1983	02	10	14	29	37.0	9.70	74.43	136.5	4.9	
5049	1983	02	16	13	57	24.0	12.36	78.07	11.6	5.0	
5050	1983	02	18	08	55	46.9	3.11	79.05	105.1	5.1	
5051	1983	02	18	23	24	9.5	13.93	76.44	33.0N	5.1	3.8 Z
5053	1983	02	21	00	53	31.0	15.14	76.20	33.0N	5.3	4.5 Z
5054	1983	02	25	22	49	54.7	18.27	69.44	146.0D	5.9	
5057	1983	02	27	01	20	26.4	4.01	76.40	126.6	4.2	
5058	1983	02	27	05	05	17.5	13.45	76.79	25.0D	5.5	4.7 Z
5060	1983	02	28	13	54	50.5	7.34	76.40	33.3	5.1	4.2 Z
5062	1983	03	02	07	07	41.0	11.53	77.80	57.6	5.6	
5063	1983	03	11	08	07	8.3	16.16	70.48	195.7	4.3	
5065	1983	03	13	19	12	15.5	8.35	74.35	152.1	4.8	
5066	1983	03	15	11	27	42.6	8.17	80.00	33.0D	5.5	5.4 Z
5067	1983	03	20	01	56	37.0	10.50	74.87	9.6	5.4	4.8 Z
5068	1983	03	21	01	02	51.6	3.81	77.94	65.7	4.6	
5071	1983	04	01	02	35	45.0	19.87	68.79	94.8	5.0	
5072	1983	04	04	02	01	10.4	5.58	78.78	52.7	4.7	
5073	1983	04	08	07	19	3.5	10.82	78.29	33.0N	4.8	
5074	1983	04	10	11	29	52.2	17.34	70.66	122.8	4.5	

VI-60

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5075	1983	04	10	12	50	19.8	18.13	69.29	153.7		
5076	1983	04	12	12	07	54.5	4.84	78.10	104.2	6.5	
										6.7 BRK	
										6.8 PAS	
5077	1983	04	13	00	14	52.7	10.71	75.27	33.0N	4.7	
5078	1983	04	13	09	08	44.3	19.98	69.04	104.5	4.1	
5079	1983	04	13	15	00	33.8	4.47	81.98	33.0N	4.9	4.7 Z
5081	1983	04	15	10	08	20.5	5.98	75.66	118.0	5.6	
5082	1983	04	15	13	25	36.1	3.71	78.67	120.0G	4.8	
5083	1983	04	20	02	45	34.0	19.13	69.57	121.0D	4.8	
5084	1983	04	21	03	27	54.5	16.50	73.47	62.8	5.1	
5085	1983	04	21	19	40	55.0	9.17	75.36	107.6	4.5	
5090	1983	04	27	21	06	0.9	1.82	77.68	32.8	4.9	
5092	1983	05	06	11	50	16.7	18.67	69.80	102.3	4.9	
5095	1983	05	15	14	11	38.4	18.66	70.85	50.6	4.2	
5096	1983	05	15	14	50	0.1	16.01	73.21	82.9	5.0	
5097	1983	05	21	19	27	56.5	10.59	74.80	15.0D	5.3	4.4 Z
5098	1983	05	21	20	05	14.6	10.60	74.79	18.0D	5.1	4.3 Z
5099	1983	05	21	20	21	14.8	10.56	74.88	18.0D	4.8	
5101	1983	05	23	00	54	11.9	19.07	69.14	110.0D	5.5	
5102	1983	06	01	12	23	50.3	2.45	79.35	57.2	4.9	
5103	1983	06	02	20	12	50.7	9.51	71.25	598.6	5.9	
										6.2 PAS	
5104	1983	06	03	04	49	44.1	18.25	69.70	132.6	4.8	
5105	1983	06	12	15	24	26.0	3.80	80.84	57.2	4.4	
5106	1983	06	18	01	21	0.9	15.78	72.48	131.9	4.8	
5107	1983	06	18	18	11	7.8	15.45	76.12	33.0N		
5108	1983	06	20	23	45	8.1	13.25	76.54	78.4	4.8	
5109	1983	06	21	09	23	55.9	8.58	74.34	149.3	5.2	
5113	1983	06	25	19	00	29.7	8.68	80.00	26.9	5.1	4.3 Z
5114	1983	06	26	05	39	41.3	17.71	69.87	137.3	4.8	
5116	1983	07	08	02	03	12.7	19.85	70.59	33.8	5.4	
5117	1983	07	15	20	16	57.1	17.57	71.36	94.6	4.9	
5118	1983	07	21	02	33	28.5	8.56	74.66	154.1	4.7	
5119	1983	07	21	06	46	2.9	1.22	80.91	34.4D	5.0	4.5 Z
5120	1983	07	21	07	03	31.4	1.15	80.74	33.0N	4.8	
5122	1983	07	22	12	51	33.3	19.30	69.27	134.1	4.7	
5123	1983	07	30	09	47	38.9	13.07	75.17	83.5	5.1	
5125	1983	08	04	07	44	25.4	4.02	76.58	99.4	4.9	
5127	1983	08	09	19	19	58.5	8.35	79.83	33.0N	5.2	
5129	1983	08	18	20	15	46.3	14.93	75.08	64.2D	5.2	
5130	1983	08	19	09	23	22.2	17.06	72.53	64.5	4.5	
5131	1983	08	21	15	47	17.2	4.98	76.01	129.9D	4.6	

## EARTHQUAKE CATALOG OF PERU

VI-61

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5132	1983	08	22	08	50	0.4	18.17	70.37	90.3	4.1	
5135	1983	09	01	20	01	47.1	17.33	69.93	105.3D	6.0	
5136	1983	09	08	04	34	50.2	1.57	77.79	191.9	4.4	
5137	1983	09	10	09	12	58.8	18.05	69.58	137.1	4.9	
5138	1983	09	14	08	35	17.2	3.67	79.25	94.0	5.6	
5140	1983	09	20	02	13	56.9	8.03	76.62	132.0	4.4	
5141	1983	09	21	10	27	56.8	18.98	69.12	111.6D	5.3	
5142	1983	09	24	00	43	39.2	8.35	74.17	157.0D	4.7	
5143	1983	09	24	06	05	10.1	14.13	72.72	112.3	4.6	
5145	1983	10	11	10	05	36.7	3.73	79.07	86.1	5.1	
5147	1983	10	17	12	53	59.9	3.76	77.59	105.3	4.8	
5150	1983	10	24	00	36	6.5	12.85	76.66	48.3D	5.6	4.9 Z
5151	1983	11	01	09	54	32.1	11.32	77.99	81.4	4.9	
5152	1983	11	02	04	58	52.5	17.89	69.09	164.6	4.4	
5153	1983	11	03	07	41	11.5	4.01	79.42	92.8D	5.9	
5154	1983	11	04	16	33	43.5	19.25	69.46	142.0	4.8	
5155	1983	11	08	06	52	46.3	3.82	79.13	96.8	4.6	
5156	1983	11	12	13	53	32.7	15.73	74.11	71.3D	5.3	
5157	1983	11	13	22	38	45.7	5.59	77.06	29.2	5.0	3.9 Z
5158	1983	11	14	21	27	57.8	20.00	68.93	143.1		
5160	1983	11	18	05	03	5.4	16.44	69.89	209.8		
5161	1983	11	22	15	15	15.0	5.01	78.11	25.6	5.2	
5162	1983	11	23	08	12	15.0	15.09	75.55	54.4	5.1	4.9 Z
5163	1983	11	25	22	56	25.9	3.77	76.31	114.7D	5.5	
5164	1983	11	27	17	48	3.7	4.89	76.16	111.0D	4.8	
5165	1983	11	29	11	45	10.7	17.49	70.35	129.4	4.7	
5167	1983	12	10	04	51	42.8	17.28	69.79	157.6	4.5	
5168	1983	12	10	12	46	3.8	13.47	76.09	104.2	4.5	
5169	1983	12	11	16	12	0.4	13.84	77.19	33.0N	5.0	
5170	1983	12	16	09	11	51.4	10.17	74.99	37.6D	5.0	
5171	1983	12	19	06	26	2.6	15.40	74.54	63.6D	5.4	
5173	1983	12	20	11	37	15.7	14.38	73.67	94.3	4.7	
5174	1983	12	23	06	45	31.2	19.40	69.29	120.4	4.8	
5175	1983	12	23	12	41	45.6	19.22	69.40	127.5	5.0	
5177	1983	12	25	05	32	40.2	5.09	73.36	33.0N	5.4	
5178	1983	12	30	09	31	55.4	2.09	77.68	33.0N	4.6	
5179	1983	12	30	15	48	19.3	16.88	72.71	58.9	4.6	
5180	1984	01	04	10	10	54.1	17.17	69.29	178.0	5.0	
5181	1984	01	13	02	29	1.0	3.86	78.49	102.9	5.8	
5182	1984	01	14	13	34	4.8	11.55	74.31	97.3	4.9	
5183	1984	01	16	06	05	29.4	15.88	73.11	128.7	4.4	
5184	1984	01	16	08	52	24.7	15.85	72.98	114.0		
5185	1984	01	17	03	32	7.6	8.87	71.36	614.1	5.3	

VI-62

 NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5186	1984	01	17	16	19	3.4	3.90	81.43	18.2	5.9	4.9 Z
5187	1984	01	26	19	30	58.0	12.24	76.85	57.8D	5.3	
5188	1984	02	05	15	41	10.0	19.62	69.59	149.9		
5189	1984	02	08	14	20	12.9	7.26	76.47	33.9	5.0	
5190	1984	02	09	01	19	9.0	12.84	76.04	83.7	5.4	
5191	1984	02	09	04	31	17.7	14.16	76.19	33.0N	5.4	4.7 Z
5192	1984	02	21	03	20	45.0	1.54	81.06	33.0N	4.7	
5193	1984	02	21	03	38	33.0	1.53	80.93	33.0N	4.9	
5194	1984	02	22	05	16	26.8	4.03	80.81	37.1D	4.5	
5195	1984	02	26	08	18	19.8	17.32	70.53	113.1D	5.8	
5197	1984	03	06	21	40	4.9	5.31	77.27	120.0	4.8	
5198	1984	03	11	07	43	49.0	6.45	76.09	33.0N	4.8	
5200	1984	03	24	21	28	43.3	10.93	78.60	46.9D	4.8	
5201	1984	03	28	13	38	30.6	15.54	72.73	119.1D	4.9	
5202	1984	04	03	05	04	33.0	16.03	73.09	95.5	5.1	
5203	1984	04	08	22	35	7.8	15.68	71.90	118.1	5.1	3.8 Z
5204	1984	04	15	21	26	32.3	3.68	77.79	109.6D	5.5	
5205	1984	04	22	13	21	13.2	13.97	74.27	33.0N	4.6	
5207	1984	04	25	11	15	11.0	17.88	70.82	86.5	5.1	
5208	1984	04	28	20	12	6.3	1.78	78.10	47.4D	5.6	
5209	1984	04	28	21	43	47.0	2.08	78.69	33.0N	4.9	
5210	1984	05	03	10	02	15.2	9.61	74.44	34.4D	4.8	
5213	1984	05	05	22	48	55.2	12.64	77.98	33.0N	5.0	
5214	1984	05	05	23	16	49.6	18.49	69.71	147.8		
5215	1984	05	06	18	54	26.2	17.69	69.32	161.3	4.9	
5216	1984	05	08	16	15	56.0	11.03	76.65	109.7	4.7	
5217	1984	05	09	17	44	4.3	8.77	74.35	186.3	4.5	
5218	1984	05	11	23	55	43.4	19.18	69.49	156.4	4.8	
5219	1984	05	13	23	53	29.6	3.94	80.83	34.7D	5.3	
5220	1984	05	14	03	20	15.8	14.99	71.48	177.1	4.8	
5221	1984	05	22	23	56	45.6	2.40	77.01	151.4	4.8	
5222	1984	05	25	02	57	53.2	3.73	77.12	115.9	4.5	
5223	1984	05	25	08	10	41.3	19.64	69.12	136.0	4.8	
5224	1984	05	30	16	45	27.9	15.51	74.56	28.7	4.9	
5225	1984	06	03	04	10	26.9	7.80	76.78	33.9	5.3	
5226	1984	06	05	04	15	24.4	7.82	76.71	33.0N	5.8	5.1 Z
											5.1 BRK
5227	1984	06	05	22	33	20.1	7.75	76.70	33.0N	5.0	
5228	1984	06	08	10	05	21.9	5.07	80.11	106.0	4.9	
5229	1984	06	12	15	40	9.1	17.98	69.79	152.4		
5230	1984	06	13	05	47	7.1	1.81	80.26	47.7D	4.8	
											3.1 Z
5232	1984	06	18	11	20	17.9	15.70	72.49	116.8D	5.8	
5233	1984	06	21	17	22	32.7	19.28	70.40	110.5		

## EARTHQUAKE CATALOG OF PERU

VI-63

NUMBER OF STATIONS  $\geq 10$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
5235	1984	06	27	04	00	10.6	19.02	68.47	73.4	4.7	
5237	1984	07	03	08	44	18.3	9.11	79.43	30.1	4.7	
5238	1984	07	11	06	09	41.7	6.51	77.04	47.5	4.9	
5241	1984	07	24	11	49	58.4	8.43	74.73	132.8D	5.3	
5242	1984	07	27	22	53	14.4	15.71	71.41	160.2D	4.7	
5243	1984	07	29	06	02	29.1	5.29	76.60	36.8	4.4	
5244	1984	07	29	14	06	57.9	16.09	75.29	75.2	4.9	
5245	1984	07	30	05	14	19.2	8.35	79.64	174.1	4.3	
5246	1984	07	30	07	19	41.9	8.54	75.02	142.9	4.1	
5247	1984	08	01	15	16	40.3	9.39	78.85	65.4	5.2	
5248	1984	08	03	09	05	8.9	16.64	73.58	43.3	4.8	
5249	1984	08	07	19	13	51.9	10.91	79.03	33.0N	4.9	
5253	1984	08	18	16	51	38.7	18.10	71.14	41.7D	5.1	
5254	1984	08	23	08	36	42.7	15.09	72.08	129.4	4.5	
5255	1984	08	26	00	22	51.6	16.23	69.51	224.8D	5.2	
5258	1984	08	31	16	05	1.0	11.26	74.38	33.0N	5.1	4.8 Z
5259	1984	09	03	17	15	41.9	14.82	72.34	107.4	5.1	
5260	1984	09	12	19	17	51.6	15.77	71.89	138.0D	5.1	
5261	1984	09	20	09	53	46.0	15.06	73.50	107.6	5.2	
5262	1984	09	30	21	31	15.1	8.70	74.39	152.1	5.2	
5263	1984	10	03	23	55	20.1	6.21	75.84	50.6D	5.3	
5264	1984	10	17	00	20	44.3	15.98	69.53	220.1D	5.0	
5265	1984	10	22	11	43	51.6	16.87	73.20	33.0N	4.8	
5266	1984	11	16	06	55	0.5	13.90	76.10	54.5D	5.5	
5267	1984	11	20	14	26	28.1	3.03	80.40	33.0N	4.8	
5268	1984	11	23	18	40	11.8	8.16	76.13	99.1	5.9	
5270	1984	12	10	10	22	4.9	14.86	75.33	56.4	5.4	
5271	1984	12	13	19	36	2.7	7.25	77.38	97.0	5.0	
5272	1984	12	14	07	58	34.3	16.90	73.25	33.0N	4.8	
5275	1984	12	24	13	36	44.6	9.53	71.42	543.9D	5.2	
5276	1984	12	27	08	07	44.6	1.43	77.84	190.4	4.8	
5277	1984	12	29	09	41	57.3	15.63	73.32	112.8		

**TABLE VII.**

Chronological listing of instrumentally located earthquakes which occurred from 1900 through 1984 and which have magnitudes ( $m_b$  or  $M_s$ ) greater than or equal to 5.0 (Time- and Size-Distribution).

**TABLA VII.**

Listado cronológico de terremotos localizados instrumentalmente que ocurrieron de 1900 a 1984 y que tienen magnitudes ( $m_b$  ó  $M_s$ ) mayores o iguales a 5.0 (Distribución de Tamaño y en el Tiempo).

## EARTHQUAKE CATALOG OF PERU

VII-1

MAGNITUDE  $\geq 5.0$ 

NO.	DATE		TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec			mb	Ms
1	1901	01	07	00	29	0.0	2.00	82.00	25.0A	7.8 PAS
2	1906	09	28	15	24	54.0	2.00	79.00	150.0	7.9 PAS
3	1911	04	28	09	52	54.0	0.00	71.00	600.0	7.1 PAS
4	1913	08	06	22	14	24.0	17.00	74.00	25.0A	7.9 PAS
5	1915	04	23	15	29	18.0	8.00	68.00	650.0	7.3 PAS
6	1915	06	06	21	29	37.0	18.50	68.50	160.0	7.6 PAS
11	1920	08	13	02	03	0.0	20.00	68.00	150.0	6.5 PAS
14	1921	10	20	06	03	24.0	18.50	68.00	120.0	7.0 PAS
16	1921	12	18	15	29	35.0	2.50	71.00	650.0	7.9 PAS
18	1922	01	06	14	11	2.0	16.50	73.00		7.2 PAS
20	1922	01	17	03	50	33.0	2.50	71.00	650.0	7.6 PAS
24	1922	09	04	17	04	8.0	10.50	69.50	660.0	6.9 PAS
27	1922	10	11	14	49	50.0	16.00	72.50	50.0	7.4 PAS
28	1923	09	02	22	38	12.0	16.00	68.50	150.0	7.0 PAS
33	1924	03	11	22	44	23.0	4.00	82.00	60.0	6.8 PAS
35	1924	07	22	04	04	18.0	2.00	80.00	250.0	6.5 PAS
36	1925	01	05	13	45	46.0	14.00	73.50	200.0	6.5 PAS
38	1925	06	23	16	46	58.0	0.00	77.00	180.0	6.8 PAS
45	1926	03	07	20	33	38.0	5.00	76.50	150.0	6.5 PAS
51	1927	03	13	05	32	26.0	6.00	81.50		6.0 PAS
52	1927	04	06	18	54	5.0	10.00	70.00	600.0	6.0 PAS
60	1928	04	09	17	34	15.0	13.00	69.50	30.0	6.9 PAS
61	1928	04	27	20	34	58.0	13.00	69.50		6.8 PAS
62	1928	05	14	22	14	46.0	5.00	78.00		7.3 PAS
69	1928	07	18	19	05	0.0	5.50	79.00		7.0 PAS
71	1928	09	21	13	27	5.0	15.00	70.50	250.0	6.8 PAS
74	1929	05	25	11	59	38.0	8.50	75.50	150.0	6.8 PAS
79	1930	08	04	05	04	31.0	9.50	70.50	650.0	6.5 PAS
80	1930	11	24	06	06	48.0	2.00	77.00	100.0	6.3 PAS
82	1931	04	03	01	56	11.0	9.25	79.00		6.3 PAS
83	1931	06	15	11	19	55.0	14.50	75.50		6.0 PAS
84	1931	07	11	05	56	13.0	8.50	74.50	120.0	6.3 PAS
86	1932	01	20	02	30	50.0	12.00	77.50	100.0	6.8 PAS
87	1932	05	30	00	22	45.0	19.00	69.00	160.0	5.8 PAS
88	1932	06	18	00	13	39.0	20.00	71.00	70.0	6.3 PAS
91	1932	07	29	00	45	18.0	19.00	70.00	110.0	6.0 PAS
92	1932	09	05	06	23	50.0	6.00	81.00	50.0	6.0 PAS
94	1932	12	09	08	34	55.0	15.00	75.00	75.0	6.5 PAS
95	1933	02	23	08	09	12.0	20.00	71.00	40.0	7.6 PAS
96	1933	07	23	04	13	11.0	15.75	75.25	80.0	6.0 PAS
97	1933	07	31	15	23	7.0	15.50	75.50	80.0	6.0 PAS
98	1933	08	06	02	54	52.0	11.00	75.50	100.0	6.5 PAS
99	1933	08	09	23	02	45.0	15.50	68.50	170.0	6.3 PAS

## VII-2

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
100	1933	08	20	22	59	16.0	13.00	80.00			5.8 PAS
101	1933	08	22	09	49	58.0	13.00	80.00			5.6 PAS
103	1933	08	29	14	52	36.0	10.90	69.50	650.0		6.5 PAS
104	1933	09	14	07	59	24.0	19.00	70.50	100.0		5.3 PAS
105	1933	10	01	02	40	42.0	7.00	75.25	120.0		6.3 PAS
106	1933	10	02	15	29	21.0	2.00	81.00			6.9 PAS
110	1933	10	03	10	21	20.0	1.75	80.75			6.3 PAS
111	1933	10	03	14	21	49.0	1.75	80.75			6.0 PAS
117	1934	05	11	17	13	8.0	19.50	71.00			5.8 PAS
119	1934	10	29	23	25	23.0	5.00	78.00	110.0		6.3 PAS
120	1934	12	04	17	24	38.0	19.50	69.50	130.0		6.9 PAS
121	1935	03	08	11	59	14.0	4.00	80.00	100.0		6.0 PAS
122	1935	03	09	02	54	37.0	12.00	78.00	150.0		5.8 PAS
123	1935	03	26	19	54	47.0	15.50	73.00	120.0		6.0 PAS
125	1935	09	19	09	55	47.0	15.50	70.00	250.0		6.5 PAS
126	1935	11	02	21	05	40.0	2.00	79.00	130.0		6.0 PAS
127	1935	12	14	01	31	13.0	9.50	70.50	650.0		6.9 PAS
129	1935	12	16	16	57	24.0	9.50	70.50	650.0		6.3 PAS
130	1935	12	28	04	50	49.0	9.50	70.50	650.0		5.8 PAS
131	1936	05	06	03	38	55.0	8.00	75.00	160.0		6.0 PAS
132	1936	07	04	08	52	35.0	18.00	70.00	140.0		6.0 PAS
133	1936	09	16	17	44	13.0	16.00	72.50	130.0		5.8 PAS
134	1936	12	05	00	37	58.0	20.00	70.50	100.0		6.0 PAS
135	1937	03	28	12	21	42.0	13.50	75.00	120.0		5.5 PAS
136	1937	03	29	07	49	47.0	15.50	71.00	120.0		6.8 PAS
137	1937	06	21	15	13	4.0	8.50	80.00	60.0		6.8 PAS
138	1937	06	22	05	34	3.0	9.00	79.00	150.0		5.8 PAS
140	1937	07	09	17	27	40.0	16.00	72.00	180.0		6.0 PAS
141	1937	07	19	19	35	24.0	1.50	76.50	190.0		7.1 PAS
149	1937	10	15	03	41	15.0	13.50	77.00	90.0		5.3 PAS
152	1937	11	07	09	08	43.0	10.00	73.50	120.0		5.5 PAS
154	1937	12	24	06	20	40.0	10.50	76.50			6.3 PAS
155	1938	01	16	21	41	47.0	6.00	75.00	100.0		6.0 PAS
163	1938	04	17	14	39	38.0	19.00	69.50	60.0		6.5 PAS
168	1939	04	25	12	53	37.0	12.50	75.50	150.0		6.3 PAS
169	1939	05	19	18	25	35.0	18.00	69.00	100.0		6.3 PAS
172	1939	09	13	18	03	30.0	18.50	70.50	130.0		5.8 PAS
173	1939	09	20	06	53	12.0	11.50	75.50	60.0		6.0 PAS
174	1939	10	07	23	51	18.0	18.50	70.00	110.0		6.0 PAS
176	1939	11	18	07	42	15.0	15.00	75.50			5.6 PAS
177	1939	11	26	06	26	18.0	8.50	77.50	130.0		5.5 PAS
179	1939	12	13	18	45	24.0	17.00	74.00	100.0		5.5 PAS
180	1939	12	24	22	27	40.0	6.50	71.00	600.0		5.5 PAS



## EARTHQUAKE CATALOG OF PERU

VII-3

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
184	1940	01	30	11	56	55.0	11.50	77.00	50.0		5.6 PAS
185	1940	03	31	16	52	30.0	19.00	70.50	50.0		6.0 PAS
186	1940	05	04	16	44	30.0	6.50	81.00			5.6 PAS
187	1940	05	05	02	03	42.0	7.00	80.00			6.0 PAS
188	1940	05	24	16	33	57.0	10.50	77.00			8.4 PAS
191	1940	08	04	16	07	5.0	14.00	74.00	120.0		5.5 PAS
192	1940	08	26	02	27	59.0	11.50	75.00	110.0		6.0 PAS
195	1940	09	24	09	55	44.0	9.50	70.50	600.0		6.0 PAS
201	1940	10	23	02	23	15.0	2.00	76.00	140.0		6.0 PAS
203	1940	12	22	18	59	46.0	15.50	68.50	230.0		7.1 PAS
204	1941	01	24	05	44	3.0	3.25	76.75	120.0		6.5 PAS
207	1941	07	10	09	29	42.0	18.50	70.00	120.0		6.0 PAS
209	1941	09	18	13	14	9.0	13.75	72.25	100.0		7.0 PAS
211	1941	10	15	09	35	15.0	15.50	74.00	110.0		6.0 PAS
213	1942	01	08	15	12	31.0	6.00	78.50	110.0		6.0 PAS
214	1942	05	14	02	13	18.0	0.75	81.50	25.0A		8.3 PAS
230	1942	08	24	22	50	27.0	15.00	76.00			8.6 PAS
240	1942	11	06	13	31	10.0	6.00	77.00	130.0		6.8 PAS
259	1943	01	30	05	33	3.0	2.00	80.50	100.0		6.9 PAS
261	1943	02	16	07	28	35.0	15.00	72.00	190.0		7.0 PAS
262	1943	03	14	18	37	56.0	20.00	69.50	150.0		7.2 PAS
265	1943	04	05	03	08	58.0	6.50	76.00	140.0		6.5 PAS
269	1943	07	05	21	07	54.0	16.00	74.00			6.8 PAS
270	1943	07	06	09	40	0.0	17.00	70.00	160.0		5.8 PAS
274	1943	12	22	07	01	50.0	2.50	77.00	130.0		6.3 PAS
276	1944	02	29	03	41	53.0	14.50	70.50	200.0		7.0 PAS
280	1944	06	08	02	38	4.0	10.00	71.00	600.0		6.3 PAS
300	1945	08	21	16	29	37.0	10.50	75.00	120.0		6.8 PAS
311	1946	07	26	06	44	45.0	19.75	70.50	70.0		6.8 PAS
312	1946	09	30	00	59	40.0	13.00	76.00	70.0		7.0 PAS
313	1946	11	10	17	42	53.0	8.50	77.50			7.3 PAS
314	1947	08	06	05	46	58.0	9.25	71.50	600.0		6.8 PAS
315	1947	11	01	14	58	53.0	10.50	75.00			7.3 PAS
316	1948	05	11	08	55	41.0	17.50	70.25	70.0		7.3 PAS
317	1948	05	28	05	36	16.0	13.00	76.50	60.0		7.0 PAS
318	1948	07	20	11	02	17.0	17.00	75.00			7.1 PAS
327	1949	04	25	13	54	59.0	19.75	69.00	110.0		7.3 PAS
332	1949	07	21	08	01	39.0	15.50	73.00	150.0		6.5 PAS
335	1949	08	05	19	08	47.0	1.50	78.25	60.0		6.8 PAS
347	1950	03	14	03	10	2.0	8.00	74.00	150.0		6.8 PAS
352	1950	05	21	18	37	40.0	13.50	72.00			6.0 PAS
355	1950	06	07	16	52	34.0	4.00	76.50	110.0		6.8 PAS
360	1950	07	09	04	40	4.0	8.00	70.75	650.0		7.0 PAS

## VII-4

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
361	1950	07	09	09	45	7.0	8.20	71.00	667.0		6.4 PAS
367	1950	09	18	19	36	43.0	8.00	71.00	650.0		6.0 PAS
371	1950	12	02	15	19	22.0	8.20	71.00	667.0		6.8 PAS
373	1950	12	10	02	50	42.0	14.25	75.75	80.0		7.0 PAS
375	1950	12	11	14	46	41.0	8.00	70.75	650.0		6.3 PAS
377	1950	12	28	14	17	26.0	7.50	71.00	650.0		6.3 PAS
381	1951	03	04	11	17	33.0	15.50	74.00	150.0		6.9 PAS
406	1952	02	26	11	31	0.0	14.00	70.50	260.0		7.0 PAS
432	1953	04	14	13	29	26.0	8.20	71.00	603.0		6.6 PAS
433	1953	04	17	00	02	50.0	5.20	77.20			6.0 PAS
444	1953	12	12	17	31	25.0	3.40	80.60			7.8 PAS
465	1954	06	15	13	29	59.0	5.00	77.00	100.0		6.6 PAS
481	1955	01	03	18	41	57.0	15.00	75.40	64.0		5.9 ROM
495	1955	05	11	11	04	0.0	0.00	78.00			6.8 PAS
502	1955	07	21	11	45	40.0	15.00	74.00	100.0		6.8 PAS
513	1956	01	08	20	54	13.0	19.00	70.00			7.1 PAS
515	1956	01	16	23	37	37.0	0.50	80.50			7.3 PAS
524	1956	03	22	06	33	55.0	3.50	79.00	100.0		6.5 PAS
532	1956	07	22	09	25	8.0	19.00	69.00	100.0		6.1 PAS
535	1956	08	23	13	48	26.0	15.27	68.67			6.3 PAS
537	1956	09	15	07	39	4.0	20.00	69.00	100.0		6.8 PAS
539	1956	10	12	02	37	44.0	15.50	75.28			6.5 PAS
548	1957	01	24	07	16	29.0	12.50	78.00			6.3 PAS
550	1957	02	18	23	49	52.0	11.50	78.00	100.0		6.6 PAS
561	1957	08	26	13	58	48.0	2.00	81.00			6.0 PAS
573	1958	01	15	19	14	29.0	16.50	72.00	60.0		7.3 PAS
582	1958	04	28	11	47	40.0	11.00	74.00			6.5 PAS
587	1958	05	25	21	11	42.0	3.12	78.09	29.0		6.5 PAS
595	1958	06	29	03	25	42.0	15.50	70.50	150.0		6.5 BRK
597	1958	07	26	17	37	9.0	13.50	69.00	620.0		7.5 PAS
612	1959	01	03	11	17	39.0	14.84	75.70			6.4 MAT
617	1959	02	07	09	36	54.0	3.70	81.71			7.4 PAS
648	1959	07	19	15	06	10.0	15.00	70.50	200.0		7.0 PAS
664	1960	01	02	03	21	52.0	15.50	68.00	150.0		6.3 PAS
667	1960	01	13	15	40	34.0	16.00	72.00	200.0		7.5 PAS
668	1960	01	15	09	30	24.0	15.00	75.00	150.0		7.0 PAS
669	1960	01	17	02	57	58.0	14.50	74.50	150.0		6.3 PAS
675	1960	03	09	23	54	25.0	16.50	72.50	150.0		6.1 PAS
707	1960	11	20	22	01	56.4	6.80	81.00	55.0		6.8 PAS
727	1961	01	28	03	24	46.9	13.60	76.30	86.0		5.8 UPP
731	1961	02	08	08	04	13.4	10.40	71.00	600.0		5.8 PAS
748	1961	04	22	19	01	34.4	2.80	80.80	30.0		5.8 MAT
754	1961	05	21	17	41	28.2	3.10	80.90	27.0		6.5 PAL

## EARTHQUAKE CATALOG OF PERU

VII-5

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
759	1961	06	17	10	56	30.3	12.00	75.30	29.0		5.0 PAL
764	1961	07	01	13	10	40.9	15.30	74.80	68.0		5.5 MAT
773	1961	07	28	01	05	30.0	2.20	77.10	136.0		6.3 PAS
778	1961	08	19	05	09	49.5	10.80	71.00	649.0		7.0 PAS
787	1961	08	31	01	48	37.5	10.70	70.90	626.0		7.1 PAS
788	1961	08	31	01	57	8.0	10.50	70.70	629.0		7.5 PAS
813	1961	12	09	03	58	55.4	14.90	75.70	39.0		5.0 PAL
816	1961	12	24	14	25	30.6	5.70	80.90	33.0N		5.9 MAT
840	1962	04	18	19	14	37.2	10.00	79.00	39.0	6.7	
886	1962	11	15	23	25	15.7	8.70	79.80	45.0		6.0 PAS
907	1963	02	24	05	38	19.1	15.10	72.50	97.0	5.0	
909	1963	02	27	11	00	42.8	15.10	73.60	105.0	5.2	
911	1963	03	04	15	43	2.2	4.50	81.60	23.0	5.3	
913	1963	03	05	07	05	0.4	4.50	81.50	22.0	5.6	
917	1963	03	31	04	45	59.7	6.60	81.20	31.0	5.2	
918	1963	03	31	05	51	0.5	10.80	78.50	32.0	5.5	
922	1963	04	13	02	20	57.9	6.30	76.70	125.0	6.1	6.9 PAS
925	1963	04	28	05	22	5.0	11.70	78.10	10.0	5.2	
926	1963	04	30	18	43	7.0	8.30	80.00	9.0	5.1	
928	1963	05	10	22	22	42.7	2.10	77.60	30.0	5.8	
932	1963	05	19	23	31	25.3	17.70	69.40	137.0	5.2	
950	1963	07	05	05	48	13.4	11.60	77.50	55.0	5.8	
966	1963	08	15	17	25	5.9	13.80	69.30	543.0	6.0	7.8 PAS
971	1963	08	29	15	30	31.4	7.10	81.60	23.0	6.1	
976	1963	09	17	05	54	33.7	10.60	78.20	61.0	5.5	
982	1963	09	20	22	11	32.2	17.80	68.80	171.0	5.1	
984	1963	09	24	16	30	16.0	10.60	78.00	80.0	6.0	
988	1963	10	07	12	43	53.6	12.90	76.80	69.0	5.4	
997	1963	10	30	01	17	31.1	4.80	77.90	20.0	5.3	
1000	1963	11	03	03	10	12.7	3.50	77.80	33.0	6.0	
1009	1963	11	09	21	15	30.4	9.00	71.50	600.0	5.9	6.9 PAS
1011	1963	11	10	01	00	38.8	9.20	71.50	600.0	5.6	
1028	1963	12	10	14	49	42.6	18.10	68.50	79.0	5.3	
1033	1963	12	19	17	04	7.8	9.70	79.10	56.0	5.1	
1034	1963	12	20	10	48	4.2	5.20	80.80	55.0	5.2	
1036	1963	12	29	17	15	39.2	18.50	69.70	113.0	5.5	
1043	1964	01	05	18	33	54.7	8.00	74.50	150.0	5.2	
1052	1964	01	26	09	09	33.9	16.30	71.70	116.0	6.1	
1056	1964	02	01	11	47	28.8	3.50	78.00	33.0	5.0	
1074	1964	03	06	21	05	50.2	19.70	70.50	50.0	5.3	
1083	1964	03	20	06	55	28.1	2.00	79.70	71.0	5.3	
1084	1964	03	22	07	05	39.7	5.50	77.10	147.0	5.1	
1094	1964	04	09	21	54	42.1	18.50	71.50	39.0	5.2	

## VII-6

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1115	1964	05	19	23	03	41.8	0.70	80.20	54.0	5.4	
1120	1964	05	28	12	49	57.5	13.40	74.90	103.0	5.2	
1125	1964	06	04	11	46	1.7	9.60	76.10	124.0	5.3	
1132	1964	06	21	06	54	46.2	14.90	73.30	80.0	5.0	
1135	1964	06	23	02	04	41.8	2.70	80.00	58.0	5.2	
1140	1964	07	01	20	20	56.6	17.10	69.10	147.0	5.1	
1141	1964	07	01	22	49	23.4	14.30	73.10	139.0	5.2	
1143	1964	07	04	12	13	56.9	15.50	72.50	148.0	5.3	
1155	1964	08	10	07	34	49.9	16.70	70.80	92.0	5.2	
1158	1964	08	18	00	26	51.8	7.20	74.40	156.0	5.3	
1160	1964	08	24	10	37	23.4	1.50	78.10	173.0	5.1	
1161	1964	09	04	09	36	58.7	18.30	69.00	101.0	5.4	
1165	1964	09	17	07	41	13.9	15.60	72.90	118.0	5.0	
1176	1964	10	11	14	19	11.5	17.90	71.50	35.0	5.2	
1180	1964	10	25	06	25	48.6	2.00	77.20	160.0	5.3	
1181	1964	10	25	22	56	32.8	2.00	79.00	57.0	5.4	
1183	1964	11	02	06	50	58.2	4.10	76.90	91.0	6.0	
1184	1964	11	04	02	11	24.9	19.70	69.20	102.0	5.2	
1185	1964	11	11	18	48	56.6	13.40	75.00	99.0	5.0	
1193	1964	11	28	16	41	33.4	7.70	71.20	626.0	5.4	
1194	1964	11	28	16	49	30.3	8.00	71.40	655.0	5.6	
1208	1964	12	22	00	24	48.7	9.50	71.30	614.0	5.3	
1210	1964	12	25	08	48	37.7	18.80	69.00	117.0	5.1	
1221	1965	01	12	13	36	51.0	9.70	75.00	48.0	5.4	
1222	1965	01	14	08	25	17.5	5.50	81.30	32.0	5.3	
1235	1965	02	11	16	10	30.4	1.40	77.80	190.0	5.1	
1237	1965	02	18	22	32	19.6	9.90	71.20	594.0	5.2	
1241	1965	02	20	21	10	13.5	18.40	72.40	33.0	5.2	
1254	1965	03	28	09	59	58.0	15.70	74.10	45.0	5.4	5.1 PAS
1256	1965	04	04	20	09	41.1	8.80	74.50	143.0	5.3	
1257	1965	04	06	19	21	49.7	3.10	78.20	97.0	5.0	
1267	1965	05	02	05	47	43.9	19.80	69.50	117.0	5.5	
1288	1965	06	18	22	45	16.7	11.10	73.60	111.0	5.5	5.1 BRK
1290	1965	06	22	14	19	50.9	18.40	69.30	122.0	5.0	
1291	1965	06	24	03	29	45.0	18.20	69.70	72.0	5.0	
1294	1965	06	27	17	09	3.4	2.60	77.00	117.0	5.1	
1295	1965	06	27	17	09	22.7	2.80	77.10	33.0	5.3	
1307	1965	07	14	12	29	56.6	17.60	69.50	146.0	5.0	
1310	1965	07	23	15	13	22.4	8.80	79.50	43.0	5.3	
1313	1965	07	30	05	45	16.1	18.10	70.80	72.0	6.0	4.8 PAL
1321	1965	08	03	02	01	52.2	7.40	81.30	33.0	5.8	5.4 BRK
1324	1965	08	08	06	32	28.2	19.60	68.70	53.0	5.4	
1326	1965	08	09	08	40	29.8	1.40	78.70	132.0	5.1	

## EARTHQUAKE CATALOG OF PERU

VII-7

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
1327	1965	08	13	00 54 43.5	4.30	80.90	34.0	5.2	
1329	1965	08	20	09 42 48.7	18.90	69.00	128.0	6.2	6.5 PAS
1343	1965	09	17	11 13 56.4	1.50	77.70	191.0	6.2	6.5 PAS
1347	1965	09	20	18 10 40.3	6.30	75.00	139.0	5.1	
1357	1965	10	08	22 28 48.6	8.30	76.00	141.0	5.2	
1370	1965	11	03	01 39 3.1	9.10	71.40	593.0	6.2	6.8 PAS
1381	1965	11	29	17 07 2.0	6.00	78.60	37.0	5.5	
1385	1965	12	02	00 36 29.5	16.50	69.60	198.0	5.2	
1397	1965	12	12	22 25 14.7	1.50	77.60	201.0	5.6	
1398	1965	12	14	04 55 18.8	18.30	70.80	88.0	5.2	
1399	1965	12	19	20 10 23.7	14.70	73.50	97.0	5.1	
1403	1965	12	28	22 04 51.7	3.20	77.10	13.0	5.5	
1405	1965	12	30	06 16 4.1	16.60	71.10	112.0	5.7	6.0 BRK
1411	1966	01	04	12 48 13.4	15.30	70.90	184.0	5.4	
1414	1966	01	13	14 17 10.6	8.30	74.10	180.0	5.1	
1418	1966	01	19	04 44 31.1	17.80	71.40	83.0	5.2	
1427	1966	02	05	23 34 35.4	19.00	69.20	167.0	5.1	
1430	1966	02	09	15 13 29.2	15.20	75.30	45.0	5.5	5.6 PAL
1445	1966	03	08	20 46 11.4	20.00	68.90	112.0	5.7	5.3 BRK
1446	1966	03	11	01 48 35.1	19.60	69.30	111.0	5.4	4.9 BRK
1452	1966	03	23	21 57 9.8	7.20	74.70	140.0	5.1	
1453	1966	03	24	14 17 30.0	10.20	79.10	48.0	5.4	ISC
1454	1966	03	28	15 29 21.2	4.00	80.90	39.0	5.6	5.0 BRK
1455	1966	03	28	17 42 44.2	4.00	80.80	20.0	5.5	5.0 BRK
1470	1966	05	01	16 22 55.5	8.40	74.30	154.0	5.8	6.8 PAS
1499	1966	06	07	00 59 45.3	14.90	75.90	33.0	5.5	6.3 PAS
1506	1966	06	10	08 13 25.1	14.80	76.10	15.0	5.0	
1512	1966	06	19	15 40 48.1	14.80	75.80	33.0	5.1	
1521	1966	07	06	00 05 53.2	15.50	75.60	26.0	5.0	
1536	1966	08	06	14 38 43.7	7.40	74.70	156.0	5.1	
1542	1966	08	20	07 43 27.8	3.20	77.30	115.0	5.5	
1546	1966	08	24	07 17 17.6	19.90	69.10	100.0	5.5	4.9 BRK
1557	1966	09	04	05 37 49.9	17.90	74.00	9.0	5.0	
1561	1966	09	09	04 04 5.0	8.30	74.20	166.0	5.0	
1570	1966	09	25	05 57 26.2	19.70	69.50	125.0	5.1	
1573	1966	09	30	09 29 11.7	18.20	69.60	122.0	5.1	
1580	1966	10	13	15 45 15.2	8.70	74.30	150.0	5.2	
1583	1966	10	16	06 48 37.4	19.80	71.00	27.0	5.0	
1587	1966	10	17	21 41 54.7	10.70	78.80	24.0	6.3	
1588	1966	10	17	21 53 14.0	10.60	78.20	43.0	5.5	
1589	1966	10	17	22 26 40.4	10.70	78.70	25.0	5.1	
1590	1966	10	17	23 04 23.3	10.30	78.60	41.0	5.1	
1591	1966	10	17	23 32 37.3	10.70	78.80	30.0	5.0	

## VII-8

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
1592	1966	10	17	23	46	51.5	10.00	79.50	39.0	5.2	
1602	1966	10	19	02	17	44.3	10.30	79.50	33.0	5.0	
1610	1966	10	23	15	32	52.6	10.80	79.00	30.0	5.0	
1614	1966	10	27	12	08	34.1	10.00	79.50	33.0	5.0	
1616	1966	10	29	15	32	20.2	10.70	78.90	30.0	5.0	
1623	1966	11	07	20	31	30.2	7.70	75.90	115.0	5.0	
1627	1966	11	12	18	49	32.0	18.20	70.20	33.0	5.0	ISC
1631	1966	11	14	12	58	37.9	18.40	69.40	132.0	5.5	
1655	1966	12	23	18	59	5.1	7.40	74.70	139.0	5.2	
1675	1967	02	13	10	25	44.0	5.18	75.41	39.0	5.3	
1676	1967	02	15	16	11	11.5	9.07	71.38	595.0	6.1	6.9 PAS
1681	1967	03	02	02	47	32.4	0.23	78.61	124.0	5.8	5.0 BRK
1694	1967	03	27	08	26	34.6	8.91	71.35	605.0D	5.3	
1721	1967	05	15	17	08	57.2	10.27	74.62	117.0	5.0	
1730	1967	06	03	13	08	6.8	8.50	74.40	152.0	5.2	
1739	1967	06	14	03	14	17.5	14.90	73.40	99.0	5.6	
1743	1967	06	21	06	49	56.6	2.20	77.60	49.0	5.3	
1759	1967	07	13	14	20	38.7	15.20	74.90	74.0	5.2	
1761	1967	07	14	03	19	26.8	17.60	72.30	37.0	5.1	
1777	1967	08	01	01	13	42.6	13.00	76.80	66.0	5.5	
1779	1967	08	03	12	40	21.1	13.50	74.80	116.0	5.2	
1783	1967	08	09	07	14	8.1	8.50	73.80	46.0	5.0	
1787	1967	08	22	07	42	44.7	11.00	78.20	53.0	5.0	
1793	1967	08	23	09	21	59.4	4.30	81.50	33.0	5.0	
1798	1967	08	31	14	06	36.5	10.30	78.10	62.0	5.0	
1799	1967	09	03	21	07	30.8	10.60	79.80	38.0	6.5	
1806	1967	09	20	09	33	54.1	8.00	74.50	145.0	5.1	
1810	1967	09	27	06	02	39.5	7.30	81.30	37.0	5.1	
1813	1967	10	05	09	41	31.4	14.50	75.40	100.0	5.6	
1817	1967	10	11	20	28	10.2	10.30	71.20	585.0	5.0	
1826	1967	10	24	15	17	54.0	2.40	79.00	123.0	5.0	
1830	1967	11	03	08	15	34.4	7.60	81.40	14.0	5.2	
1831	1967	11	04	16	26	48.2	2.80	77.70	99.0	6.0	
1847	1967	11	30	18	05	19.2	8.10	80.20	45.0	5.1	
1854	1967	12	16	03	19	13.4	2.90	77.00	121.0	5.0	
1858	1967	12	21	07	50	34.8	16.40	72.60	99.0	5.0	
1859	1967	12	23	02	40	8.3	9.90	74.70	126.0	5.1	
1869	1968	01	08	18	44	24.5	18.60	69.90	116.0	5.4	
1878	1968	02	03	11	43	4.4	12.20	76.30	46.0	5.0	
1879	1968	02	04	11	27	24.8	19.60	68.20	114.0	5.3	
1884	1968	02	18	10	53	59.9	16.30	71.90	31.0	5.1	
1916	1968	05	09	12	52	24.4	5.31	81.72	35.0D	5.6	
1918	1968	05	09	18	32	33.3	18.40	69.36	125.0D	5.0	

## EARTHQUAKE CATALOG OF PERU

VII-9

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	M <sub>s</sub>
1920	1968	05	16	08 25 9.2	3.75	76.60	113.0	5.4	
1934	1968	06	19	08 13 35.0	5.56	77.15	28.0	6.4	6.9 H
1940	1968	06	19	09 05 48.9	5.37	77.26	26.0	5.3	ISC
1956	1968	06	19	17 07 44.5	5.52	77.25	33.0N	5.0	
1959	1968	06	19	23 38 58.5	5.70	77.18	33.0N	5.1	4.4 H
1963	1968	06	20	02 38 38.4	5.59	77.33	33.0N	5.8	5.7 H
1965	1968	06	20	08 11 10.5	5.76	77.33	33.0N	5.3	
1968	1968	06	21	00 26 7.8	5.72	77.28	22.0	5.6	
1994	1968	06	26	16 34 12.7	5.58	77.17	34.0	5.0	
2008	1968	07	07	23 48 8.2	5.76	77.14	27.0	5.5	5.2 H
2015	1968	07	16	13 18 43.2	5.68	77.16	27.0D	5.0	
2020	1968	07	26	14 00 3.6	8.57	74.23	151.0	5.2	
2023	1968	07	28	18 36 10.3	5.61	76.95	46.0	5.0	
2024	1968	07	29	05 57 5.9	19.16	69.77	71.0D	5.2	
2025	1968	07	30	20 38 42.0	6.93	80.46	37.0	5.8	6.4 H
2032	1968	08	11	02 41 52.8	15.19	73.97	91.0D	5.6	
2045	1968	09	06	07 49 42.0	5.77	80.26	66.0D	5.3	
2046	1968	09	07	17 41 56.8	5.53	76.87	63.0	5.0	
2047	1968	09	09	00 35 18.4	8.67	74.48	144.0D	5.3	
2048	1968	09	09	00 37 43.2	8.73	74.52	120.0	6.0	
2059	1968	09	21	14 44 24.6	11.85	75.11	7.0	5.0	
2064	1968	09	28	13 53 35.3	13.16	76.38	70.0G	6.0	6.0 PAS
2070	1968	10	24	01 29 42.6	19.61	68.93	107.0D	5.3	
2074	1968	10	31	09 15 46.9	16.29	73.30	67.0D	5.7	
2078	1968	11	07	10 13 39.8	16.39	73.46	50.0	5.0	
2092	1968	12	01	13 14 50.6	10.56	74.87	5.0	5.4	5.6 H
2099	1968	12	12	23 41 36.5	14.96	73.57	103.0	5.0	
2106	1968	12	28	12 41 39.8	8.96	81.39	33.0N	5.1	
2108	1968	12	30	14 39 22.0	15.80	70.75	63.0	5.2	
2113	1969	01	12	14 12 53.0	14.14	72.75	113.0	5.2	
2124	1969	02	04	04 10 13.3	8.23	80.16	16.0	6.0	5.9 H 6.5 PAS
2127	1969	02	14	00 40 31.3	8.35	80.06	22.0	4.8	5.2 H
2134	1969	02	27	05 09 30.5	13.95	74.34	111.0	5.2	
2142	1969	03	13	22 19 37.2	8.03	80.08	38.0D	5.4	5.1 H
2160	1969	04	19	09 21 46.4	5.32	77.17	26.0	5.0	
2178	1969	05	28	13 30 8.9	2.09	76.93	177.0D	5.5	5.4 BRK
2179	1969	05	31	11 07 17.1	1.75	77.74	172.0	5.1	4.8 BRK
2183	1969	06	02	11 07 36.6	8.40	74.32	149.0	5.0	
2186	1969	06	11	21 15 32.6	8.59	79.69	81.0	5.0	
2197	1969	07	04	06 32 43.4	4.09	80.92	33.0N	4.5	5.0 H 4.8 GOL
2199	1969	07	05	04 55 33.7	5.64	77.16	37.0	5.2	5.1 H

## VII-10

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2206	1969	07	19	04	54	54.1	17.25	72.52	54.0D	5.9	4.8 PAL
2208	1969	07	24	02	59	21.0	11.85	75.13	1.0	5.9	5.7 PAS
											5.7 H
											5.6 BRK
2215	1969	08	01	19	02	10.9	11.80	75.15	2.0	5.1	
2235	1969	09	02	16	35	40.8	17.83	72.05	36.0	5.0	
2240	1969	09	15	07	14	25.8	18.55	69.02	177.0D	5.2	
2246	1969	09	28	11	52	59.1	12.10	74.30	45.0	5.0	
2248	1969	10	01	05	05	43.2	11.88	75.13	4.0	5.9	6.2 H
											6.4 PAS
2249	1969	10	01	05	25	59.3	11.82	75.10	15.0	5.3	
2250	1969	10	01	05	58	12.7	11.74	75.09	5.0G	5.7	
2251	1969	10	01	06	28	2.4	11.66	75.15	5.0G	5.1	
2252	1969	10	01	08	28	14.0	11.78	75.05	3.0	5.8	
2253	1969	10	01	17	04	44.8	11.65	75.03	5.0G	5.1	
2254	1969	10	01	22	56	24.8	11.80	74.96	5.0G	5.5	5.1 H
2259	1969	10	06	00	37	59.6	11.74	75.10	3.0	5.1	
2260	1969	10	06	06	36	45.2	11.78	75.00	4.0	5.3	
2267	1969	10	17	08	09	55.5	14.71	71.20	113.0	5.2	
2270	1969	10	20	18	00	28.7	11.86	75.16	12.0	5.1	
2271	1969	10	22	10	21	52.1	18.09	71.54	23.0	5.4	
2295	1969	12	21	13	03	53.3	16.43	72.78	68.0	5.0	
2296	1969	12	22	00	06	4.2	16.89	72.86	50.0G	5.2	
2316	1970	02	13	17	26	16.9	15.94	71.67	141.0G	5.4	
2317	1970	02	14	11	17	16.1	9.88	75.57	35.0	5.9	5.4 H
2320	1970	02	26	03	03	40.7	13.65	74.01	95.0G	5.4	
2321	1970	02	26	07	35	46.0	13.69	74.09	91.0D	5.0	
2322	1970	02	27	14	17	25.5	16.04	74.90	32.0	5.1	
2327	1970	03	03	09	15	6.8	14.72	72.53	106.0D	5.0	
2328	1970	03	05	17	01	11.4	18.82	69.23	127.0	5.2	
2336	1970	03	31	08	50	12.2	5.68	80.14	69.0D	5.6	5.0 BRK
2337	1970	04	01	10	50	41.3	15.51	74.96	36.0	5.2	4.8 H
2345	1970	04	25	19	24	57.0	2.68	81.98	20.0	5.1	
2355	1970	05	31	20	23	27.3	9.18	78.82	43.0G	6.6	7.8 H
											7.6 PAS
2356	1970	05	31	20	45	52.7	9.79	78.59	55.0D	6.0	
2357	1970	05	31	21	03	45.0	9.85	78.81	33.0N	5.6	
2358	1970	05	31	21	23	40.3	10.00	78.74	45.0D	5.0	
2360	1970	05	31	21	48	4.4	10.22	78.60	51.0D	5.6	4.8 BRK
2363	1970	06	01	00	56	40.8	9.82	78.91	45.0G	5.1	
2364	1970	06	01	01	12	29.8	10.18	78.70	45.0G	5.1	
2365	1970	06	01	01	36	10.2	9.30	79.00	49.0D	6.0	5.5 H
											5.4 BRK
2366	1970	06	01	02	21	38.9	10.16	78.72	55.0D	5.0	



## EARTHQUAKE CATALOG OF PERU

VII-11

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
2367	1970	06	01	02 45 21.5	10.15	78.73	66.0D	5.8	5.3 BRK
2368	1970	06	01	04 44 46.1	10.25	78.69	46.0D	5.6	5.1 BRK
2369	1970	06	01	05 15 29.2	10.19	78.61	45.0G	5.2	
2370	1970	06	01	06 05 43.0	9.24	77.59	34.0	5.2 ISC	
2375	1970	06	01	17 59 27.1	9.98	78.75	49.0D	5.1	
2376	1970	06	01	19 15 5.9	9.79	78.82	55.0D	5.2	4.8 BRK
2377	1970	06	02	01 37 22.7	9.76	78.80	58.0D	5.7	5.4 BRK
2382	1970	06	02	10 35 46.0	10.19	78.75	58.0	5.0	
2383	1970	06	02	18 02 38.4	10.23	78.68	44.0D	5.3	
2385	1970	06	03	02 02 17.5	10.22	78.66	45.0G	5.0	
2390	1970	06	04	04 09 26.3	9.80	78.63	57.0D	5.8	6.2 PAS
2391	1970	06	04	16 48 22.6	9.81	78.75	48.0D	5.2	
2393	1970	06	04	22 59 51.9	9.52	79.19	55.0G	5.3	
2394	1970	06	05	05 56 38.1	9.78	78.56	62.0	5.0	
2395	1970	06	05	10 13 2.7	5.65	77.15	43.0	5.1	5.0 H
2402	1970	06	11	07 30 51.4	10.10	78.67	50.0G	5.3	
2405	1970	06	14	09 38 2.1	19.36	69.22	125.0	5.0	
2406	1970	06	15	00 42 50.6	9.70	78.85	51.0D	5.4	
2408	1970	06	17	04 44 20.9	15.75	71.83	91.0	5.9	
2410	1970	06	21	15 13 37.8	9.80	78.67	51.0D	5.4	
2412	1970	06	23	20 06 57.5	19.40	69.08	118.0D	5.3	
2415	1970	06	27	09 45 28.5	9.77	78.59	62.0D	5.6	
2417	1970	06	30	06 21 3.9	9.22	79.02	56.0D	5.4	
2418	1970	07	02	00 45 2.0	10.11	78.59	62.0	5.8	5.3 BRK
2420	1970	07	03	15 08 14.9	9.84	78.94	33.0N	5.0	
2429	1970	07	12	18 13 54.8	15.68	69.46	252.0	5.0	
2436	1970	07	31	17 08 5.4	1.46	72.56	651.0	7.1	7.0 BRK
2438	1970	08	05	05 25 57.6	9.24	78.91	69.0D	5.6	
2451	1970	09	09	11 53 13.9	19.60	70.11	49.0	5.0	
2462	1970	10	09	15 53 12.5	9.85	78.78	33.0N	5.0	
2471	1970	11	06	22 46 59.8	15.43	71.21	16.0	5.0	
2484	1970	12	06	03 01 47.5	19.10	69.39	111.0D	5.3	
2486	1970	12	09	16 28 33.4	1.40	77.66	178.0D	5.0	
2487	1970	12	10	04 34 38.8	3.99	80.72	25.0D	6.3	7.6 H
2488	1970	12	10	04 49 42.3	4.09	80.74	32.0D	5.3	7.1 BRK
2491	1970	12	10	05 32 49.7	3.95	80.73	33.0D	5.4	
2497	1970	12	10	11 37 42.4	3.98	80.79	32.0D	5.4	
2500	1970	12	10	17 29 39.4	3.90	80.77	32.0D	5.0	
2501	1970	12	10	19 50 43.1	4.11	80.75	33.0N	5.1	
2502	1970	12	10	21 46 41.7	3.94	80.81	34.0D	5.0	
2506	1970	12	11	10 24 36.2	3.95	80.72	37.0D	5.7	5.4 H
									5.4 BRK

## VII-12

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2523	1970	12	14	07	32	52.5	1.31	80.91	33.0N	5.4	5.7 H 5.8 BRK
2530	1970	12	15	21	15	20.2	4.03	80.86	32.0D	5.2	
2536	1970	12	21	07	33	15.5	3.96	80.81	32.0D	5.1	
2538	1970	12	22	01	48	30.2	3.96	80.82	33.0D	5.5	4.4 H
2549	1970	12	29	08	01	59.3	3.90	80.90	47.0	5.8	5.2 H
2564	1971	01	14	03	06	46.2	9.28	79.06	54.0D	5.1	
2566	1971	01	16	20	54	30.9	9.09	78.83	75.0G	5.3	
2568	1971	01	21	13	23	11.1	17.06	69.23	183.0	5.5	
2570	1971	01	26	05	37	56.5	15.00	72.64	108.0D	5.1	
2578	1971	03	01	17	21	9.9	9.21	78.87	74.0	5.0	
2583	1971	03	21	14	31	37.1	14.10	72.13	83.0	5.5	
2585	1971	03	27	00	53	25.0	7.47	81.60	29.0D	5.4	4.8 H
2586	1971	04	03	10	22	47.2	8.86	80.66	37.0	5.1	
2588	1971	04	12	04	08	32.0	9.80	78.70	60.0D	5.0	
2594	1971	04	27	00	47	56.0	18.44	69.27	131.0	5.2	
2602	1971	05	14	10	04	4.1	8.95	80.66	33.0N	5.2	
2604	1971	05	17	03	34	41.8	19.17	69.50	107.0	5.1	
2605	1971	05	17	11	04	7.1	1.60	77.70	176.0D	5.7	6.5 PAS
2609	1971	05	23	08	58	31.3	14.06	72.90	94.0	5.5	
2620	1971	06	10	06	47	34.6	10.90	76.23	99.0	5.7	
2622	1971	06	11	01	32	59.0	4.17	80.66	43.0	5.4	
2628	1971	06	28	19	44	12.3	19.86	70.09	47.0D	5.2	
2635	1971	07	25	22	01	44.1	10.17	78.63	52.0	5.0	
2636	1971	07	27	02	02	49.6	2.75	77.43	135.0D	6.3	7.5 PAS
2637	1971	08	01	06	12	41.2	12.91	76.82	64.0	5.2	
2642	1971	08	18	19	07	17.4	3.90	80.90	30.0D	5.1	
2644	1971	08	23	01	46	52.6	16.96	70.13	148.0D	5.0	
2645	1971	08	25	04	11	38.6	7.33	80.36	33.0N	5.0	
2651	1971	09	09	01	37	23.1	7.35	74.60	150.0D	5.1	
2656	1971	09	22	00	40	12.4	7.06	80.48	33.0N	5.3	
2657	1971	09	22	22	14	59.9	10.94	78.09	59.0	5.3	
2658	1971	09	24	04	32	55.0	16.37	73.69	28.0	5.2	5.6 H
2667	1971	10	03	14	58	25.9	12.76	77.36	42.0	5.2	
2672	1971	10	15	10	33	46.7	14.09	73.31	54.0	5.7	
2677	1971	10	28	06	30	32.3	3.86	80.65	51.0D	5.2	
2678	1971	10	28	14	40	14.5	17.94	69.36	133.0D	5.1	
2691	1971	11	29	20	14	12.2	11.24	77.75	54.0D	5.3	
2694	1971	12	13	16	19	0.1	8.89	71.64	614.0	5.3	
2697	1971	12	22	00	38	53.0	4.00	76.24	117.0D	5.2	
2700	1972	01	12	09	59	10.3	6.86	71.82	580.0G	5.9	6.5 PAS
2705	1972	01	21	19	18	57.2	6.70	71.89	562.0D	5.6	6.0 PAS
2707	1972	01	23	05	05	24.8	13.23	76.78	60.0	5.1	

## EARTHQUAKE CATALOG OF PERU

VII-13

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
2708	1972	01	27	18	45	7.7	3.92	79.75	97.0	5.2	
2709	1972	01	29	02	18	37.4	17.90	71.40	40.0	5.0	4.1 H
2715	1972	02	15	21	18	21.2	17.51	71.19	71.0	5.7	
2716	1972	02	21	05	31	23.7	16.39	71.27	95.0	5.2	
2721	1972	03	13	17	35	15.0	9.76	78.72	35.0	5.0	
2724	1972	03	20	07	33	49.6	6.77	76.79	64.0D	6.1	6.9 PAS
2725	1972	03	20	07	51	4.8	6.64	76.77	50.0G	5.4	
2727	1972	03	20	16	50	27.1	6.81	76.85	33.0N	5.4	4.3 H
2733	1972	03	27	12	09	41.2	14.57	76.09	63.0	5.2	
2736	1972	04	03	01	29	48.9	11.57	76.49	99.0	5.1	
2741	1972	04	04	23	33	36.3	17.08	72.54	52.0	5.0	
2744	1972	04	06	15	26	15.3	1.49	77.90	176.0	5.2	
2769	1972	05	10	17	30	35.0	2.81	78.67	89.0	5.4	
2775	1972	05	21	01	24	7.9	18.61	69.28	132.0	5.2	
2777	1972	05	21	03	50	30.9	16.03	73.86	85.0D	5.4	
2790	1972	06	04	22	22	57.0	2.84	78.95	98.0	5.0	
2794	1972	06	08	03	02	37.5	10.70	79.04	29.0D	5.0	
2804	1972	06	19	15	50	30.0	12.10	77.51	72.0	5.2	
2817	1972	07	05	00	59	36.9	9.89	78.60	58.0	5.0	
2819	1972	07	05	20	21	55.8	15.68	75.19	33.0N	5.1	
2827	1972	07	17	04	02	57.2	14.43	76.20	34.0	5.0	
2834	1972	07	18	21	05	0.8	14.42	76.34	13.0	5.1	4.4 H
2846	1972	08	11	10	44	28.0	15.41	73.22	95.0	5.1	
2852	1972	08	17	14	50	51.0	13.96	74.62	14.0	5.4	
2866	1972	09	04	23	32	24.3	3.77	80.61	63.0	5.4	
2868	1972	09	05	19	12	51.9	9.07	72.48	0.0A	5.2	
2869	1972	09	06	22	49	3.2	16.85	71.12	111.0	5.0	
2898	1972	10	22	08	22	10.6	9.79	78.63	62.0D	5.2	
2907	1972	11	03	23	57	55.3	19.29	69.04	127.0D	5.3	
2909	1972	11	05	21	56	20.5	9.74	78.71	61.0	5.0	
2941	1972	12	28	13	31	30.7	3.81	77.96	118.0	5.0	
2947	1973	01	21	18	12	29.9	7.95	74.39	147.0D	5.1	
2955	1973	02	07	06	10	21.8	7.42	74.81	140.0D	5.3	
2958	1973	02	23	04	26	23.3	2.09	78.21	67.0	5.7	5.8 BRK
2959	1973	02	23	06	41	25.5	2.05	78.19	89.0	5.0	
2971	1973	03	06	14	50	23.2	15.26	71.24	162.0	5.2	
3001	1973	04	15	23	02	11.5	14.61	76.09	34.0	5.0	
3011	1973	04	28	12	21	11.7	1.44	79.88	109.0	5.5	
3025	1973	05	19	18	18	31.4	15.57	73.85	79.0D	5.2	
3030	1973	05	30	04	38	1.8	2.26	78.52	111.0D	5.7	
3031	1973	05	30	12	39	54.3	14.06	72.79	90.0D	5.1	
3053	1973	07	07	12	45	0.1	19.17	69.77	89.0	5.3	
3062	1973	07	18	15	21	23.0	18.35	69.20	151.0D	5.7	

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3075	1973	07	28	22	18	14.9	16.06	71.31	110.0	5.7	
3076	1973	07	29	16	15	49.6	14.33	72.13	82.0	5.5	
3084	1973	08	07	02	05	15.6	7.20	80.77	33.0N	5.1	
3100	1973	09	08	07	46	52.7	8.34	74.18	168.0D	5.8	
3105	1973	09	18	12	58	25.2	7.03	76.14	133.0D	5.8	
3119	1973	10	12	18	04	29.3	16.02	74.04	47.0	5.3	4.6 H
3124	1973	10	19	10	11	16.3	19.42	69.87	67.0D	5.4	
3130	1973	10	25	14	49	51.7	13.48	72.36	106.0D	5.0	
3136	1973	11	03	04	34	36.8	17.89	70.68	89.0	5.0	
3144	1973	11	09	22	41	27.7	3.97	80.97	31.0	5.6	
3148	1973	11	12	14	20	36.1	10.72	79.16	33.0N	5.0	4.4 H
3155	1973	11	25	04	33	19.9	18.78	69.16	139.0D	5.1	
3160	1973	12	01	14	34	10.1	17.73	69.73	142.0	5.2	
3164	1973	12	10	19	28	13.2	1.44	77.74	181.0D	5.3	
3167	1973	12	24	18	18	10.2	12.62	77.47	33.0N	5.4	
3172	1974	01	05	08	33	50.7	12.30	76.35	98.0D	6.3	6.8 PAS
3178	1974	01	14	15	52	47.3	8.57	77.55	4.0	5.2	4.4 H
3179	1974	01	14	17	35	17.0	8.56	77.74	33.0	5.2	4.5 H
3190	1974	02	01	13	06	17.7	15.74	75.04	48.0	5.2	4.7 H
3192	1974	02	02	21	09	1.5	15.95	74.48	63.0	5.2	
3215	1974	03	11	17	03	13.1	9.35	78.43	97.0	5.1	
3243	1974	04	25	08	56	44.0	16.99	70.66	33.0N	5.3	4.8 H
3244	1974	04	27	06	01	47.3	14.96	72.21	113.0	5.8	6.5 PAS
3250	1974	05	12	10	05	55.4	19.58	69.05	112.0D	5.8	
3255	1974	05	17	15	22	7.4	11.17	75.08	111.0D	6.0	
3269	1974	06	09	10	41	22.1	5.75	80.86	52.0	5.1	
3270	1974	06	09	14	16	3.7	5.75	80.98	50.0	5.7	
3302	1974	07	26	08	59	47.8	16.27	70.94	157.0	5.0	
3309	1974	08	09	04	53	30.7	8.48	74.28	159.0D	5.6	
3317	1974	08	21	23	59	2.0	19.99	71.14	60.0D	5.1	
3326	1974	09	11	01	21	42.2	19.02	69.58	113.0	5.2	
3336	1974	09	27	16	09	3.7	12.43	77.58	41.0	5.0	4.2 H
3338	1974	10	02	02	54	59.7	5.91	81.09	5.0	5.7	5.6 H
3339	1974	10	03	14	21	29.1	12.27	77.79	13.0	6.6	7.6 H
3340	1974	10	03	14	35	22.4	12.64	78.06	33.0N	5.0	7.5 PAS
3371	1974	10	07	04	57	51.3	12.25	77.94	33.0N	5.0	4.7 H
3375	1974	10	08	15	39	34.7	4.42	80.93	33.0N	5.0	
3382	1974	10	10	19	52	59.0	12.44	77.61	27.0	5.3	5.1 H
3384	1974	10	11	04	36	22.8	14.52	74.28	99.0	5.3	
3389	1974	10	14	07	45	17.2	2.38	76.44	162.0	5.1	
3401	1974	10	26	18	53	23.6	14.94	73.31	110.0D	5.3	
3406	1974	10	31	08	58	18.9	15.35	71.03	31.0	5.1	4.8 H

## EARTHQUAKE CATALOG OF PERU

VII-15

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3407	1974	10	31	14	34	10.4	15.08	70.69	83.0	5.2	
3412	1974	11	07	13	17	37.3	15.41	70.52	153.0	5.4	
3416	1974	11	09	12	59	49.8	12.50	77.79	6.0	6.0	7.2 H 6.2 PAS
3419	1974	11	12	00	53	54.2	10.73	79.08	33.0N	5.0	4.5 H
3420	1974	11	14	19	17	35.2	12.85	77.08	33.0	5.4	
3431	1974	11	26	04	46	47.6	19.93	68.51	174.0	5.1	
3434	1974	12	05	11	57	31.3	7.69	74.45	162.0D	6.0	
3444	1974	12	13	13	23	37.0	18.98	69.51	118.0	5.3	
3447	1974	12	22	16	44	15.5	18.99	69.83	63.0	5.2	
3462	1975	01	21	14	25	23.1	9.89	79.10	35.0	5.4	4.7 H
3466	1975	01	23	11	04	15.6	15.37	72.85	112.0D	5.4	
3475	1975	02	16	16	13	40.3	8.49	82.10	29.0	5.2	5.1 H
3478	1975	02	26	20	14	59.6	19.80	69.27	82.0	5.7	
3479	1975	03	01	14	53	19.0	8.45	81.97	33.0N	5.5	5.3 H
3483	1975	03	18	01	10	53.6	10.07	75.28	40.0D	5.5	4.4 H
3484	1975	03	18	17	21	23.4	4.23	77.01	98.0D	6.2	6.5 PAS
3498	1975	04	12	15	33	8.6	14.77	72.71	81.0	5.9	
3500	1975	04	18	12	34	9.8	12.49	77.98	33.0N	5.3	4.9 H
3505	1975	04	25	09	36	5.3	5.87	81.15	22.0D	5.1	5.0 H
3515	1975	05	18	05	10	55.4	9.29	78.94	66.0D	5.2	
3518	1975	05	'23	19	26	12.8	10.66	78.54	62.0	5.0	
3522	1975	06	03	20	18	2.0	6.17	75.15	33.0D	5.0	5.2 Z
3523	1975	06	05	03	32	44.9	13.70	76.14	58.0D	5.5	
3524	1975	06	05	20	29	36.4	16.34	69.10	182.0	5.6	
3525	1975	06	06	14	21	6.8	3.97	76.91	114.0	5.3	
3528	1975	06	10	16	30	42.2	3.62	80.92	49.0	5.1	
3542	1975	07	12	06	47	37.5	17.17	69.35	156.0D	5.5	
3543	1975	07	17	08	39	52.7	3.79	76.64	113.0D	5.0	
3548	1975	08	03	11	59	20.7	15.65	75.11	15.0	5.3	5.9 Z
3558	1975	08	11	10	39	18.8	11.73	77.75	74.0D	5.6	
3559	1975	08	16	00	53	53.7	5.38	76.08	123.0D	5.7	
3562	1975	08	24	15	30	8.7	5.49	77.22	33.0N	5.1	4.3 Z
3563	1975	08	25	21	42	10.8	19.24	69.16	119.0D	5.7	
3570	1975	09	16	00	44	2.3	4.34	80.70	65.0D	5.0	
3571	1975	09	30	03	50	59.3	9.55	74.65	135.0D	5.8	
3576	1975	10	09	13	34	15.5	12.27	77.96	33.0	5.4	
3577	1975	10	11	16	24	17.9	4.24	81.05	29.0	5.2	
3586	1975	10	29	06	18	42.3	10.98	78.11	58.0D	5.5	
3590	1975	11	06	17	44	16.3	0.34	80.74	54.0	5.1	
3601	1975	12	08	01	50	19.1	5.51	77.30	78.0	5.0	
3602	1975	12	11	20	17	8.1	11.56	74.55	98.0D	6.0	
3606	1975	12	21	18	05	40.6	3.78	77.37	87.0D	5.3	

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3610	1976	01	05	02 31 36.3	13.29	74.90	95.0	6.0	
3612	1976	01	06	23 54 22.2	17.92	69.48	76.0	5.6	
3618	1976	01	24	03 36 12.5	4.07	81.92	16.0	5.1	
3622	1976	02	01	15 58 20.9	7.38	80.44	43.0D	5.4	4.4 Z
3626	1976	02	27	03 36 13.6	19.48	69.07	103.0D	5.5	
3629	1976	02	29	18 01 20.8	13.34	74.93	103.0	5.2	
3630	1976	03	08	08 58 17.3	15.53	74.40	71.0	5.1	
3650	1976	04	29	23 30 17.0	9.20	79.27	68.0	5.0	
3653	1976	05	07	05 10 49.3	8.62	74.72	133.0	5.3	
3657	1976	05	15	21 55 58.5	11.64	74.48	33.0N	6.0	6.6 Z 6.5 PAS
3658	1976	05	15	23 28 16.1	11.55	74.38	33.0N	5.3	
3661	1976	05	18	02 02 15.5	16.83	72.70	65.0D	5.4	
3666	1976	05	23	16 32 33.0	10.49	78.32	73.0D	5.9	
3679	1976	06	13	22 02 47.6	15.31	75.42	33.0N	5.6	5.6 Z 5.6 BRK
3682	1976	06	18	10 13 51.0	15.30	75.50	33.0N	5.6	5.5 Z 5.6 BRK
3683	1976	06	18	14 58 53.6	15.20	75.44	32.0D	5.7	5.2 Z
3690	1976	06	26	14 13 59.2	16.84	69.73	186.6	5.3	GS
3698	1976	07	23	15 42 38.1	16.55	72.21	109.6	5.1	
3702	1976	08	05	22 20 1.1	15.99	73.35	94.9	5.1	GS
3703	1976	08	06	14 31 20.0	10.29	78.67	60.0	5.2	
3704	1976	08	15	14 55 15.1	16.23	73.55	61.0	5.2	
3706	1976	08	17	06 02 38.5	15.98	72.91	95.0	5.1	
3714	1976	08	28	21 50 37.8	10.67	78.19	59.0	5.1	3.7 Z
3718	1976	09	03	17 57 6.8	15.50	73.68	63.0	5.2	
3721	1976	09	14	14 27 18.1	15.37	74.45	98.0	5.0	
3724	1976	09	28	13 52 27.9	17.29	69.20	132.0	5.0	
3728	1976	10	04	23 36 11.1	0.75	78.60	55.0	5.1	
3729	1976	10	05	16 36 29.1	0.63	78.74	33.0N	5.2	
3730	1976	10	06	09 12 38.9	0.75	78.78	33.0N	5.7	
3733	1976	10	07	22 01 18.5	0.30	80.40	48.0	5.0	
3735	1976	10	09	21 10 28.6	10.68	79.49	64.0	5.1	
3741	1976	10	18	18 36 36.7	9.24	79.02	62.0	5.3	
3744	1976	10	25	22 19 4.9	17.83	71.17	37.0	5.3	
3745	1976	10	27	00 05 49.9	1.26	77.95	41.8	5.2	
3746	1976	10	28	09 59 29.6	15.02	73.73	84.2	5.3	GS
3747	1976	11	01	03 01 51.4	12.49	77.82	32.0	5.2	
3748	1976	11	03	17 09 12.3	16.63	71.58	96.0	5.1	
3760	1976	11	30	17 08 40.9	19.95	69.21	69.0	5.5	
3763	1976	12	15	02 33 22.8	15.00	73.71	96.0	5.0	
3764	1976	12	20	16 56 41.5	6.85	77.18	68.2	5.0	GS

## EARTHQUAKE CATALOG OF PERU

VII-17

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
3766	1976	12	26	04	18	35.5	0.81	77.63	33.0N	5.2	
3767	1976	12	26	13	22	57.9	16.47	73.51	67.6	5.0	GS
3774	1977	01	19	16	09	26.6	14.17	72.87	96.0	5.0	
3779	1977	01	26	15	16	9.4	12.15	78.01	14.0	5.1	
3782	1977	02	07	21	18	32.7	16.51	73.41	35.0	5.2	
3791	1977	03	04	17	50	18.5	12.29	74.10	22.0	5.2	
3792	1977	03	08	13	08	56.3	11.96	74.20	41.0	5.6	5.6 Z
3793	1977	03	08	14	51	45.2	12.33	74.00	43.0	5.1	
3794	1977	03	08	22	46	4.8	12.06	74.03	14.0	5.6	5.4 Z
3802	1977	03	13	04	54	42.0	16.96	69.80	128.0	5.2	
3804	1977	03	13	21	14	32.2	8.04	74.41	161.0D	5.1	
3814	1977	03	30	18	53	36.8	5.24	78.52	21.0D	5.0	
3818	1977	04	07	20	31	9.5	15.45	76.32	27.0	5.2	
3819	1977	04	09	04	04	12.5	10.02	71.18	564.0	5.5	6.1 PAS
3824	1977	04	30	20	31	47.7	14.98	75.61	10.0	5.3	4.8 Z
3831	1977	05	06	12	52	38.1	15.88	75.03	33.0N	5.0	4.4 Z
3833	1977	05	08	16	45	16.0	1.25	81.07	27.0	5.1	4.9 Z
3834	1977	05	08	18	00	0.0	1.23	81.10	42.0	5.1	4.6 Z
3844	1977	05	13	13	35	16.9	5.75	77.09	49.0	5.0	
3852	1977	05	21	14	14	41.3	1.59	80.91	48.0	5.0	4.7 Z
3857	1977	05	26	06	19	40.8	1.85	81.20	10.0	5.0	5.1 Z
3879	1977	06	27	18	57	20.4	1.78	77.13	27.0D	5.0	
3880	1977	06	30	02	46	3.8	19.40	69.53	106.0	5.4	
3885	1977	07	22	20	45	46.4	15.56	69.93	202.0	5.0	
3896	1977	08	07	21	42	8.2	18.15	71.56	79.1	5.0	GS
3898	1977	08	14	10	58	10.9	19.39	71.78	33.0N	5.1	
3902	1977	08	20	18	53	55.5	8.62	74.39	155.0D	5.1	
3906	1977	09	10	04	39	5.6	14.23	75.99	58.0	5.0	
3921	1977	10	02	18	46	35.6	8.98	79.18	46.0	5.3	4.7 Z
3922	1977	10	08	03	03	51.5	9.52	74.66	129.0D	5.5	
3924	1977	10	13	23	16	27.2	12.25	77.96	26.0	5.2	4.5 Z
3927	1977	10	20	10	00	1.5	8.25	80.14	33.0N	5.2	4.6 Z
3930	1977	10	26	07	24	41.1	16.82	72.60	56.0D	5.2	
3932	1977	11	02	14	47	57.2	10.08	74.76	48.0	5.5	4.5 Z
3939	1977	11	13	08	42	21.4	9.36	75.72	45.0	5.3	4.1 Z
3945	1977	11	27	03	58	39.8	18.14	69.54	134.0	5.3	GS
3953	1977	12	31	07	53	18.0	15.30	71.68	158.0D	5.9	
3955	1978	01	03	07	52	45.6	17.09	71.82	65.0	5.1	4.5 ISC
3960	1978	01	18	05	33	58.4	8.70	74.31	170.0	5.0	
3961	1978	01	21	13	29	40.7	13.02	71.54	75.0	5.2	
3962	1978	01	22	16	48	2.0	11.69	77.67	63.7	5.1	GS
3963	1978	01	22	21	19	42.4	16.13	73.66	49.0D	5.4	4.9 Z
3966	1978	01	30	07	03	49.1	10.65	79.99	33.0A	5.0	5.3

## VII-18

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
3968	1978	02	05	01 52 19.6	17.72	69.49	114.0	5.3	4.2 ISC
3969	1978	02	11	08 15 19.2	9.84	75.07	65.4	5.1 GS	
3971	1978	02	15	15 05 42.3	9.64	78.05	61.8	5.3 GS	
3973	1978	02	28	06 51 31.8	17.03	70.30	56.0	5.1	4.0 ISC
3975	1978	03	10	23 41 38.2	13.26	76.41	71.0	5.2	4.0 ISC
3980	1978	03	24	00 31 22.1	5.22	75.59	42.0	5.3	
3983	1978	04	02	09 07 7.1	19.07	69.28	86.0	5.3	4.6 ISC
3987	1978	04	10	13 40 40.4	5.61	81.22	33.0N	5.1	4.9 Z
3990	1978	04	15	13 49 32.3	16.47	73.51	50.0D	5.3	5.5 Z
4003	1978	05	04	11 26 11.9	8.07	76.00	131.0	5.1	
4005	1978	05	08	07 32 29.0	3.30	77.25	103.0	5.1	
4008	1978	05	16	20 05 35.8	18.65	70.14	55.0	5.1	3.8 Z
4009	1978	05	20	09 41 29.8	17.38	71.91	72.0	5.2	3.9 ISC
4010	1978	05	20	13 10 31.1	10.23	78.52	50.0D	5.6	5.5 Z
4011	1978	05	20	23 58 1.7	5.41	81.15	29.0	5.1	4.2 Z
4020	1978	06	09	07 34 58.8	7.77	74.54	152.0D	5.0	
4030	1978	07	11	12 17 7.8	7.89	71.42	645.0	5.8	6.1 BRK
4038	1978	07	29	12 33 58.5	11.60	76.49	98.0	5.0	3.5 ISC
4041	1978	08	04	16 16 16.3	16.95	71.33	30.0	5.1	3.7 ISC
4045	1978	08	13	15 20 18.6	18.28	69.86	144.0	5.0	
4047	1978	08	30	00 26 3.6	5.30	78.41	127.0	5.0	
4064	1978	11	04	04 21 10.3	5.80	81.06	33.0N	5.0	
4065	1978	11	04	09 09 19.0	8.37	76.03	131.0	5.0	3.9 ISC
4069	1978	11	10	12 18 55.7	17.86	69.24	88.0	5.2	
4075	1978	11	21	00 07 6.5	4.33	81.11	69.0	5.1	5.2 ISC
4077	1978	11	24	15 16 42.2	4.82	80.96	33.0N	5.1	4.2 Z
4084	1978	12	23	14 29 44.3	14.76	71.45	140.0D	5.1	
4091	1979	01	05	09 29 38.4	15.93	74.93	28.0	5.1	
4093	1979	01	06	01 31 47.6	8.88	75.73	33.0N	5.7	5.5 Z 5.7 BRK
4100	1979	01	21	12 33 47.7	8.65	74.88	134.0	5.0	
4108	1979	02	16	10 08 53.4	16.39	72.66	53.0	6.2	6.9 Z 6.9 PAS
4110	1979	02	16	22 18 20.0	16.50	72.66	52.0D	5.5	5.2 Z
4114	1979	02	17	15 41 15.6	16.63	72.66	79.0	5.1	4.2 ISC
4117	1979	02	20	14 02 43.1	16.70	72.74	56.0D	5.2	4.0 ISC
4121	1979	02	26	16 08 36.4	16.13	75.15	33.0A	5.1	
4123	1979	03	01	05 37 9.4	6.52	81.06	33.0N	5.1	
4126	1979	03	07	06 21 11.1	16.13	72.04	126.0	5.1	3.5 ISC
4130	1979	03	11	14 40 29.5	16.78	72.81	62.0	5.0	
4134	1979	03	21	02 52 34.3	16.80	72.54	58.0D	5.1	4.7 ISC
4144	1979	04	25	22 18 1.6	15.19	72.37	74.0	5.0	
4146	1979	05	01	20 36 10.8	19.42	69.13	103.0D	5.2	



## EARTHQUAKE CATALOG OF PERU

VII-19

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
4148	1979	05	03	19 30 34.7	19.81	70.40	42.0	5.2	4.0 ISC
4155	1979	05	21	22 22 23.6	15.25	70.09	208.0	6.0	6.2 BRK
4168	1979	06	04	12 10 44.4	9.73	79.77	38.0	5.0	4.6 Z
4177	1979	06	12	21 32 51.5	3.77	80.79	47.0D	5.0	
4181	1979	06	15	08 53 36.7	12.17	76.65	74.0D	5.4	
4185	1979	06	17	19 33 32.7	19.20	68.89	116.0D	5.3	5.7 BRK
4186	1979	06	21	01 21 57.8	15.67	75.94	33.0N	5.3	
4188	1979	06	25	20 41 59.5	17.94	71.36	28.0D	5.0	4.2 Z
4190	1979	07	03	03 00 51.1	16.66	73.11	77.0	5.1	
4191	1979	07	03	16 04 34.7	12.80	77.63	33.0A	5.0	
4199	1979	08	01	16 40 54.5	11.09	77.96	73.0	5.2	
4209	1979	08	21	19 44 10.5	17.80	69.21	160.9	5.2	GS
4219	1979	09	13	04 40 58.7	5.36	77.52	34.0	5.0	
4220	1979	09	15	10 02 13.1	15.63	69.56	214.0	5.6	4.3 ISC
4224	1979	10	05	16 43 16.2	3.55	76.27	116.0D	5.5	4.2 ISC
4226	1979	10	09	16 57 5.3	6.35	76.28	118.0D	5.0	
4228	1979	10	11	08 30 45.2	16.74	73.67	57.0	5.0	
4230	1979	10	11	17 48 37.2	5.41	77.21	33.0N	5.2	
4231	1979	10	15	16 34 8.8	13.39	76.60	61.0	5.0	
4237	1979	11	06	15 49 9.3	18.80	69.68	51.0	5.0	
4239	1979	11	15	13 36 29.7	16.42	74.81	33.0N	5.4	4.8 Z
4240	1979	11	18	13 50 45.4	6.46	73.91	33.0N	5.0	
4242	1979	11	26	21 05 47.7	3.39	80.72	53.0	5.1	
4251	1979	12	19	06 40 23.4	14.50	71.51	117.0	5.2	
4252	1979	12	21	00 26 6.9	2.65	79.01	91.0	5.0	4.1 ISC
4254	1979	12	27	07 50 8.6	14.68	74.56	110.0	5.0	
4259	1980	01	02	22 27 12.1	10.87	79.12	33.0N	5.2	
4260	1980	01	02	22 30 24.2	10.71	79.15	17.0	5.3	6.3 ISC
4261	1980	01	02	23 08 25.2	10.77	79.10	15.0	5.1	
4262	1980	01	03	21 06 40.7	10.87	79.09	33.0N	5.3	
4264	1980	01	04	07 32 49.8	10.85	79.18	33.0N	5.1	
4265	1980	01	05	05 13 29.3	11.16	79.17	33.0N	5.0	
4269	1980	01	13	12 02 17.6	9.78	78.65	63.0D	5.3	
4270	1980	01	16	15 49 15.0	14.54	73.49	94.0	5.7	6.1 PAS
4283	1980	02	18	13 03 24.5	2.25	79.73	90.0	5.3	5.3 ISC
4286	1980	03	02	10 03 28.0	9.19	78.92	33.0N	5.1	
4288	1980	03	06	09 46 15.4	6.09	71.18	42.0	5.0	
4292	1980	03	07	08 25 7.8	16.69	72.95	43.0	5.4	5.9 Z
4297	1980	03	12	04 27 34.4	15.21	75.71	37.0	5.0	5.9 BRK
4299	1980	03	16	18 53 48.7	16.76	72.99	52.0	5.0	4.4 Z
4306	1980	04	04	06 25 25.4	7.89	74.41	154.0D	5.0	4.0 ISC
4314	1980	04	18	19 33 36.3	14.77	71.28	134.0	5.1	

## VII-20

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4315	1980	04	20	11	26	22.9	2.52	78.50	107.0D	5.1	3.5 ISC
4321	1980	05	14	14	44	16.9	17.22	73.02	34.0	5.0	4.5 Z
4323	1980	05	16	04	52	53.8	7.92	73.75	186.0D	5.3	4.0 ISC
4329	1980	05	26	18	41	42.9	19.36	69.24	114.0D	6.1	6.1 ISC
4338	1980	06	15	23	47	15.0	15.52	75.24	26.0D	5.4	5.4 Z
4346	1980	06	23	18	35	21.2	15.80	74.14	48.0	5.0	6.0 ISC
4355	1980	07	20	13	54	26.4	9.66	74.95	134.0	5.2	
4359	1980	07	28	08	55	59.8	10.41	74.67	29.0	5.0	
4362	1980	08	11	19	41	5.8	15.54	75.18	33.0N	5.1	5.1 Z
4363	1980	08	16	19	22	33.5	13.05	74.39	33.0N	5.1	3.7 ISC
4365	1980	08	18	15	07	52.6	1.95	80.02	55.0D	5.6	6.1 PAS 5.6 BRK
4370	1980	08	31	17	03	22.3	6.25	80.88	28.0D	5.2	4.5 Z
4390	1980	10	08	22	01	34.8	1.38	77.69	190.0D	5.5	5.0 ISC
4399	1980	11	02	18	21	15.6	4.53	79.44	95.0D	5.0	3.1 ISC
4403	1980	11	09	14	11	7.8	17.02	72.80	53.0	5.1	3.7 ISC
4404	1980	11	10	22	21	13.8	13.19	74.52	48.0	5.1	4.0 ISC
4410	1980	11	12	11	54	33.9	18.95	69.25	113.0D	5.1	
4420	1980	11	24	20	34	18.7	14.90	76.23	33.0N	5.1	
4431	1980	12	17	08	45	18.7	13.20	74.40	43.0	5.2	3.7 Z
4437	1980	12	25	00	51	4.5	4.12	81.15	33.0N	5.1	
4446	1981	01	13	12	46	54.7	18.05	71.50	36.0D	5.0	
4447	1981	01	21	19	12	57.9	10.50	74.17	126.0D	5.2	
4448	1981	01	23	01	08	53.2	14.59	70.52	40.0	5.3	
4450	1981	01	25	17	22	22.1	10.22	75.49	124.0	5.2	
4459	1981	02	13	19	58	52.2	15.59	74.53	65.0D	5.6	5.2 BRK
4461	1981	02	16	13	59	31.8	13.10	74.48	33.0N	5.0	3.6 ISC
4465	1981	02	28	21	56	13.5	6.41	81.42	33.0N	5.3	6.0 Z 6.3 PAS
4474	1981	03	13	18	18	19.4	14.70	70.32	241.0D	5.0	
4476	1981	03	17	07	44	8.6	9.85	74.87	133.0	5.0	
4480	1981	03	21	20	47	43.2	10.68	75.02	33.0A	5.0	
4482	1981	03	26	18	04	44.7	19.37	68.96	138.0D	5.8	5.9 ISC
4499	1981	04	13	21	32	51.0	8.82	72.90	42.0	5.0	
4503	1981	04	18	00	32	39.8	13.14	74.38	38.0	5.3	4.8 Z
4505	1981	04	18	14	29	52.4	13.16	74.44	39.8	5.1	
4521	1981	04	25	10	42	43.3	8.82	74.49	170.0	5.1	
4536	1981	05	02	19	16	32.4	17.81	71.76	16.0	5.1	
4538	1981	05	06	21	34	48.8	2.03	80.98	33.0N	5.3	6.3 ISC
4539	1981	05	06	21	36	6.8	1.89	80.89	33.0N	6.0	6.4 Z 6.0 BRK
4545	1981	05	11	02	43	21.6	19.08	69.78	107.0	5.0	
4551	1981	05	18	07	17	13.4	10.32	78.40	58.0D	5.2	

## EARTHQUAKE CATALOG OF PERU

VII-21

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4552	1981	05	22	03	08	14.0	16.24	71.56	126.0	5.0	
4560	1981	05	26	04	55	30.2	3.00	79.18	96.0	5.1	
4562	1981	06	05	07	09	5.2	11.33	73.71	107.5	5.3	
4564	1981	06	05	23	34	54.6	3.90	80.71	37.0D	5.3	
4575	1981	06	21	23	58	59.9	4.86	76.91	102.0D	5.1	
4577	1981	06	22	17	53	21.3	13.17	74.52	23.7	5.1	5.2 Z
4589	1981	06	27	21	54	14.6	3.05	80.33	49.0D	5.1	4.5 ISC
4628	1981	08	11	23	47	12.1	16.62	72.68	84.4	5.0	
4634	1981	08	19	14	29	43.6	3.89	80.97	32.0D	5.2	3.8 ISC
4672	1981	10	04	20	03	53.0	1.55	77.36	203.6	5.2	
4678	1981	10	08	22	25	53.0	17.12	70.05	147.2	5.0	
4696	1981	10	31	10	14	1.6	10.06	79.73	31.0D	5.3	4.9 Z
4700	1981	11	02	14	30	55.0	18.91	69.78	94.0D	5.1	
4701	1981	11	03	07	02	38.6	1.83	78.44	129.4	5.6	
4709	1981	11	15	08	43	35.9	17.69	73.46	33.0N	5.0	5.8 BRK
4724	1981	11	25	17	43	34.0	8.47	74.23	155.7	5.0	
4727	1981	11	30	15	42	28.2	17.02	69.85	133.0D	5.4	
4755	1981	12	23	22	11	8.8	19.20	70.27	58.2	5.3	
4760	1981	12	27	21	23	12.9	8.33	79.96	28.0D	5.3	4.7 Z
4763	1982	01	04	15	33	8.2	19.14	69.62	109.0	5.2	
4772	1982	01	27	17	14	28.0	7.06	74.44	161.0D	5.1	
4777	1982	02	03	00	37	48.3	2.27	79.17	92.8	5.0	
4780	1982	02	04	18	57	43.6	4.99	77.51	33.0N	5.3	4.0 ISC
4807	1982	03	11	20	13	4.8	17.05	72.00	10.0G	5.1	4.3 Z
4812	1982	03	22	21	44	9.3	19.88	68.74	126.0D	5.1	
4815	1982	03	23	05	10	7.3	12.40	77.67	57.0D	5.1	3.9 ISC
4819	1982	03	28	23	24	51.1	12.69	76.07	95.0D	6.1	
4820	1982	04	01	16	11	55.4	18.35	71.38	45.2	5.2	4.0 ISC
4821	1982	04	02	03	57	20.1	13.88	76.23	0.0A	5.1	3.5
4824	1982	04	07	11	52	3.0	2.50	78.56	87.9	5.2	
4825	1982	04	11	12	21	30.0	2.95	78.64	33.0N	5.4	4.2 ISC
4830	1982	04	16	18	05	7.9	17.04	73.10	25.3	5.0	4.9 Z
4838	1982	04	21	02	12	19.0	9.48	78.82	64.0D	5.2	4.2 ISC
4844	1982	05	03	03	27	17.7	13.49	76.11	70.0	5.4	
4852	1982	05	20	12	10	50.2	1.57	78.01	169.0D	5.1	
4863	1982	06	02	22	47	43.6	14.09	76.36	46.1	5.0	4.3 ISC
4864	1982	06	03	06	43	50.8	18.89	68.02	184.8	5.2	
4877	1982	07	01	02	56	27.2	18.68	69.40	148.7	5.0	
4881	1982	07	11	02	13	37.7	16.65	73.21	38.7	5.3	5.2 Z
4884	1982	07	12	15	05	27.4	17.15	73.27	52.4	5.1	
4888	1982	07	21	22	11	3.5	13.22	75.09	98.6	5.1	
4910	1982	08	10	04	51	48.6	5.35	77.37	33.0N	5.5	4.5 ISC

VII-22

 MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME			LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr	mn	sec				mb	Ms
4919	1982	08	15	06	11	16.0	10.06	76.35	106.1	5.5	
4929	1982	08	26	05	22	59.7	2.69	79.87	70.0D	5.8	
										5.6 BRK	
4932	1982	08	29	00	59	20.7	19.36	70.32	33.0N	5.1	4.5 Z
4948	1982	09	15	20	22	55.3	14.49	70.79	128.3	6.0	
										6.3 BRK	
4962	1982	10	06	23	23	43.8	19.32	70.25	68.0D	5.1	
4969	1982	10	16	11	12	15.5	16.20	73.78	34.0D	5.0	4.6 Z
4972	1982	10	17	08	35	25.3	15.67	73.04	114.0D	5.2	
4983	1982	10	26	15	58	1.5	15.02	70.86	33.0N	5.2	
4986	1982	10	29	15	33	40.1	4.23	80.65	35.0D	5.3	4.1 Z
4996	1982	11	18	14	57	52.4	1.72	76.70	195.0D	6.0	
										6.4 PAS	
										6.1 BRK	
4997	1982	11	19	04	27	13.8	10.60	74.70	14.0D	6.3	6.3 Z
											6.6 BRK
											6.3 PAS
4999	1982	11	19	12	34	18.0	10.73	74.78	33.0N	5.1	
5010	1982	11	29	15	39	6.7	18.32	69.56	115.0D	5.3	
5012	1982	11	30	22	11	43.0	8.37	74.30	162.1	5.1	
5020	1982	12	11	18	27	43.5	19.72	69.42	120.4	5.0	
5024	1982	12	16	14	07	35.6	14.38	70.54	175.1	5.2	
5026	1982	12	18	10	15	6.2	6.39	75.69	33.0N	5.4	4.3 Z
5034	1982	12	28	08	06	33.5	18.91	69.59	52.0D	5.3	
5036	1982	12	31	02	46	50.7	10.74	78.96	28.0D	5.0	3.9 Z
5038	1983	01	01	05	31	56.1	16.94	69.11	172.0D	5.7	
										6.2 PAS	
										5.7 BRK	
5041	1983	01	12	03	06	55.1	10.77	74.63	33.0N	5.0	
5049	1983	02	16	13	57	24.0	12.36	78.07	11.6	5.0	
5050	1983	02	18	08	55	46.9	3.11	79.05	105.1	5.1	
5051	1983	02	18	23	24	9.5	13.93	76.44	33.0N	5.1	3.8 Z
5053	1983	02	21	00	53	31.0	15.14	76.20	33.0N	5.3	4.5 Z
5054	1983	02	25	22	49	54.7	18.27	69.44	146.0D	5.9	
5058	1983	02	27	05	05	17.5	13.45	76.79	25.0D	5.5	4.7 Z
5060	1983	02	28	13	54	50.5	7.34	76.40	33.3	5.1	4.2 Z
5062	1983	03	02	07	07	41.0	11.53	77.80	57.6	5.6	
5066	1983	03	15	11	27	42.6	8.17	80.00	33.0D	5.5	5.4 Z
5067	1983	03	20	01	56	37.0	10.50	74.87	9.6	5.4	4.8 Z
5071	1983	04	01	02	35	45.0	19.87	68.79	94.8	5.0	
5076	1983	04	12	12	07	54.5	4.84	78.10	104.2	6.5	
										6.7 BRK	
										6.6 PAS	
5081	1983	04	15	10	08	20.5	5.98	75.66	118.0	5.6	
5084	1983	04	21	03	27	54.5	16.50	73.47	62.8	5.1	

## EARTHQUAKE CATALOG OF PERU

VII-23

MAGNITUDE  $\geq 5.0$ 

NO.	DATE			TIME	LAT S	LON W	DEP	MAGNITUDE	
	yr	mo	dy	hr mn sec	(deg)	(deg)	(km)	mb	Ms
5091	1983	04	28	05 13 5.7	16.17	74.16	67.7	5.2	
5096	1983	05	15	14 50 0.1	16.01	73.21	82.9	5.0	
5097	1983	05	21	19 27 56.5	10.59	74.80	15.0D	5.3	4.4 Z
5098	1983	05	21	20 05 14.6	10.60	74.79	18.0D	5.1	4.3 Z
5101	1983	05	23	00 54 11.9	19.07	69.14	110.0D	5.5	
5103	1983	06	02	20 12 50.7	9.51	71.25	598.6	5.9	
								6.2 PAS	
5109	1983	06	21	09 23 55.9	8.58	74.34	149.3	5.2	
5113	1983	06	25	19 00 29.7	8.68	80.00	26.9	5.1	4.3 Z
5116	1983	07	08	02 03 12.7	19.85	70.59	33.8	5.4	
5119	1983	07	21	06 46 2.9	1.22	80.91	34.4D	5.0	4.5 Z
5123	1983	07	30	09 47 38.9	13.07	75.17	83.5	5.1	
5127	1983	08	09	19 19 58.5	8.35	79.83	33.0N	5.2	
5129	1983	08	18	20 15 46.3	14.93	75.08	64.2D	5.2	
5135	1983	09	01	20 01 47.1	17.33	69.93	105.3D	6.0	
5138	1983	09	14	08 35 17.2	3.67	79.25	94.0	5.6	
5141	1983	09	21	10 27 56.8	18.98	69.12	111.6D	5.3	
5145	1983	10	11	10 05 36.7	3.73	79.07	86.1	5.1	
5150	1983	10	24	00 36 6.5	12.85	76.66	48.3D	5.6	4.9 Z
5153	1983	11	03	07 41 11.5	4.01	79.42	92.8D	5.9	
5156	1983	11	12	13 53 32.7	15.73	74.11	71.3D	5.3	
5157	1983	11	13	22 38 45.7	5.59	77.06	29.2	5.0	3.9 Z
5161	1983	11	22	15 15 15.0	5.01	78.11	25.6	5.2	
5162	1983	11	23	08 12 15.0	15.09	75.55	54.4	5.1	4.9 Z
5163	1983	11	25	22 56 25.9	3.77	76.31	114.7D	5.5	
5169	1983	12	11	16 12 0.4	13.84	77.19	33.0N	5.0	
5170	1983	12	16	09 11 51.4	10.17	74.99	37.6D	5.0	
5171	1983	12	19	06 26 2.6	15.40	74.54	63.6D	5.4	
5175	1983	12	23	12 41 45.6	19.22	69.40	127.5	5.0	
5177	1983	12	25	05 32 40.2	5.09	73.36	33.0N	5.4	
5180	1984	01	04	10 10 54.1	17.17	69.29	178.0	5.0	
5181	1984	01	13	02 29 1.0	3.86	78.49	102.9	5.8	
5185	1984	01	17	03 32 7.6	8.87	71.36	614.1	5.3	
5186	1984	01	17	16 19 3.4	3.90	81.43	18.2	5.9	4.9 Z
5187	1984	01	26	19 30 58.0	12.24	76.85	57.8D	5.3	
5189	1984	02	08	14 20 12.9	7.26	76.47	33.9	5.0	
5190	1984	02	09	01 19 9.0	12.84	76.04	83.7	5.4	
5191	1984	02	09	04 31 17.7	14.16	76.19	33.0N	5.4	4.7 Z
5195	1984	02	26	08 18 19.8	17.32	70.53	113.1D	5.8	
5202	1984	04	03	05 04 33.0	16.03	73.09	95.5	5.1	
5203	1984	04	08	22 35 7.8	15.68	71.90	118.1	5.1	
5204	1984	04	15	21 26 32.3	3.68	77.79	109.6D	5.5	
5207	1984	04	25	11 15 11.0	17.88	70.82	86.5	5.1	

VII-24

MAGNITUDE  $\geq 5.0$

NO.	DATE			TIME	LAT S (deg)	LON W (deg)	DEP (km)	MAGNITUDE	
	yr	mo	dy	hr mn sec				mb	Ms
5208	1984	04	28	20 12 6.3	1.78	78.10	47.4D	5.8	4.9 Z
5213	1984	05	05	22 48 55.2	12.64	77.98	33.0N	5.0	
5219	1984	05	13	23 53 29.6	3.94	80.83	34.7D	5.3	
5225	1984	06	03	04 10 26.9	7.80	76.78	33.9	5.3	
5226	1984	06	05	04 15 24.4	7.82	76.71	33.0N	5.8	5.1 Z 5.1 BRK
5227	1984	06	05	22 33 20.1	7.75	76.70	33.0N	5.0	
5232	1984	06	18	11 20 17.9	15.70	72.49	116.8D	5.8	
5241	1984	07	24	11 49 58.4	8.43	74.73	132.8D	5.3	
5247	1984	08	01	15 16 40.3	9.39	78.85	65.4	5.2	
5253	1984	08	18	16 51 38.7	18.10	71.14	41.7D	5.1	
5255	1984	08	26	00 22 51.6	16.23	69.51	224.8D	5.2	
5258	1984	08	31	16 05 1.0	11.26	74.38	33.0N	5.1	4.8 Z
5259	1984	09	03	17 15 41.9	14.82	72.34	107.4	5.1	
5260	1984	09	12	19 17 51.6	15.77	71.89	138.0D	5.1	
5261	1984	09	20	09 53 46.0	15.06	73.50	107.6	5.2	
5262	1984	09	30	21 31 15.1	8.70	74.39	152.1	5.2	
5263	1984	10	03	23 55 20.1	6.21	75.84	50.6D	5.3	
5264	1984	10	17	00 20 44.3	15.98	69.53	220.1D	5.0	
5266	1984	11	16	06 55 0.5	13.90	76.10	54.5D	5.5	
5268	1984	11	23	18 40 11.8	8.16	76.13	99.1	5.9	
5270	1984	12	10	10 22 4.9	14.86	75.33	56.4	5.4	
5271	1984	12	13	19 36 2.7	7.25	77.38	97.0	5.0	
5275	1984	12	24	13 36 44.6	9.53	71.42	543.9D	5.2	