UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

United States Earthquake Data File

by

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Open-File Report 84-225

This report is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards and stratigraphic nomenclature.

[1]Denver, Colorado

1984

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TABLES

INTRODUCTION

This file is a revised and updated list of earthquakes that was originally used in a study of seismic risk in the United States (Algermissen, 1969). It has been updated through 1980. Many revisions of epicenters and intensities in the original file have been made, and intensities have been assigned to earthquakes that previously had none assigned. Only earthquakes that had epicenters within the boundary of the United States are listed even though earthquakes that had epicenters in bordering states or countries may have been felt or may have caused damage in the United States. Intensity values were updated from data sources that were not available at the time of original compilation. All intensities are based on the Modified Mercalli Intensity Scale of 1931 (Wood and Neumann, 1931). Some epicenters were relocated on the basis of new information. The data represent best estimates of the epicenter, magnitude, and intensity of each earthquake on the basis of historical and current information. Some of the aftershocks from large earthquakes are listed, but not all, especially for the earthquakes that occurred before seismic intruments were universally used.

The compilation of additional states is ongoing and will be included in this file when they are completed and published. It is not a static file; but is periodically revised and updated from the latest published research on historical earthquakes, when additional or new information is available, and from the current U. S. Geological Survey Special Publication "United States Earthquakes." This file contains earthquake data for the states listed below:

ALABAMA	MARYLAND	OHIO
ARKANSAS	MASSACHUSETTS	OKLAHOMA
CONNECTICUT	MICHIGAN	PENNSYLVANIA
DELAWARE	MINNESOTA	RHODE ISLAND
FLORIDA	MISSISSIPPI	SOUTH CAROLINA
GEORGIA	MISSOURI	SOUTH DAKOTA
ILLINOIS	NEBRASKA	TENNESSEE
INDIANA	NEW HAMPSHIRE	TEXAS
IOWA	NEW JERSEY	VERMONT
KANSAS	NEW MEXICO	VIRGINIA
KENTUCKY	NEW YORK	WEST VIRGINIA
LOUISIANA	NORTH CAROLINA	WISCONSIN
MAINE	NORTH DAKOTA	

EXPLANATION OF THE FILE

The data are listed chronologically by state in table 1 in the following categories: date, origin time in Coordinated Universal Time (UTC), N. latitude, W. longitude, depth, hypocenter quality and referenced data sources, magnitude, and intensity and intensity source references. The letter F is recorded in the intensity column if an earthquake was felt but not enough information was available to assign an intensity. The file has some basic limitations in terms of the size (magnitude or intensity) of the earthquakes listed. All felt earthquakes or those with computed magnitudes greater than

2.5 are listed. If no magnitude was computed and the earthquake was felt or an epicenter published it was included in the earthquake list. The low-magnitude events located in recent years with data from dense seismograph networks have not been included.

Listed below is an explanation of the symbols and codes used in table 1:

1. Leaders (..) indicate information not available.
2. Latitude and longitude are listed to a hundredth of a degree if they have been published with that degree of accuracy, or greater; however, most historical events have assigned locations based on felt or damage information and are listed in table 1 only to the nearest degree or tenth of a degree. An asterisk (*) to the right of the longitude indicates that the latitude and longitude were not given in the source reference, but were assigned by the compilers of the data file. An x to the right of the longitude indicates that the event is an explosion, a suspected explosion, a rockburst, or a nontectonic event.
3. The letter code in the HYPOCENTER, QUAL column is defined below:
   a. Determinations of instrumental hypocenters are estimated to be accurate within the ranges of latitude and longitude listed below; each range is letter coded as indicated:

A	0.0°-0.1°
B	0.1°-0.2°
C	0.2°-0.5°
D	0.5°-1.0°
E	1.0° or larger

   b. Determinations of noninstrumental epicenters from felt data are estimated to be accurate within the ranges of latitude and longitude listed below; each range is letter coded as indicated:

F	0.0°-0.5°
G	0.5°-1.0°
H	1.0°-2.0°
I	2.0° or larger

4. The reference identification numbers in the HYPOCENTER, REF and INTENSITY, REF columns indicate the sources of the hypocenter and intensity. They are listed in numerical order in table 2.
5. The magnitudes listed under USGS are mb values (Gutenberg and Richter, 1956) published in the Preliminary Determination of Epicenters (PDE) by the National Earthquake Information Service, U. S. Geological Survey and predecessor organizations. Associated with the magnitude values listed under OTHER are the source code and type. Type is defined by 1 = ML (Richter, 1958), 2 = mbLg (Nuttli, 1973), 3 = MS (Bath, 1966 or Gutenberg, 1945), 4 = mb (Gutenberg and Richter, 1956), 5 = mbLg modified, 6 = duration or coda length, 7 = m3Hz (Lawson and others, 1979), 8 = magnitude based on felt areas or attenuation, and 9 = unknown. Magnitudes computed solely from epicentral intensity have not been included. The source codes are listed below:

   AAM - University of Michigan, Ann Arbor, Mi.
   ATL - Georgia Institute of Technology, Atlanta, Ga.
   BAR - Barstow, N. L., Brill, K. G., Nuttli, O. W., and Pomeroy, P. W., 1981, An approach to seismic zonation for siting nuclear electric power generating for facilities in the eastern United States, NUREG/CR-1577, Washington, D. C.
   BAS - Basham, P. W., Weichert, D. H., and Berry, M. J., 1979,

Seismological Society of America Bulletin, v. 69, no. 5, p. 1567-1702.

BLA - Virginia Polytechnic Institute and State University, Blacksburg, Va.

BRK - Seismograph Station, University of California, Berkeley, Ca.

CDL - Carver, David, Richins, W. D., and Langer, C. J., 1983, Seismolgical Society of America Bulletin, v. 73, no. 2, p. 435-448.

CON - University of Connecticut, Groton, Ct.

CSC - University of South Carolina, Columbia, S.C.

CWR - California Department of Water Resources, Sacramento, Ca.

DEL - Delaware Geological Survey, Newark, Delaware.

DEW - Dewey, J. W., and Gordon, D. W., 1983, unpublished data.

ERD - Department of Energy (formerly U.S. Energy Research and Development Administration and Atomic Energy Commission).

FRN - Frantti, G. E., 1983, Seismicity Investigation of the southern Lake Superior Precambrian Province, Report prepared for the Nuclear Regulatory Commission, 59 p.

GB - Bollinger, G. A., 1979, Seismological Society of America Bulletin, v. 69, no. 1, p. 45-63.

GIB - Gibbs, J. F., Healey, J. H., Raleigh, C. B., and Coakley, J., 1972, Earthquakes in the oil field at Rangely, Colorado, U. S. Geological Survey Open-file Report.

GOL - Geophysical Observatory, Colorado School of Mines, Golden, Co.

GOR - Gordon, G. W., 1983, Ph.D. dissertation, Saint Louis University, Mo., 197 p.

GR - Gutenberg, Beno, and Richter, C. F., 1954, Seismicity of the Earth and Associated Phenomena, 310 p.

GS - National Earthquake Information Service (and predecessor organizations), U. S. Geological Survey, Golden, Colo.

HER - Herrmann, R. B., Park, S., and Wang, C., 1981, Seismological Society of America Bulletin, v. 71, no. 3, p. 731-745.

ISC - International Seismological Centre Bulletin.

JLM - Jones, F. B., Long, L. T., and McKee, J. H., 1977, Seismological Society of America Bulletin, v. 67, no. 6, p. 1503-1513.

KGS - Kansas Geological Survey, Lawrence, Kans.

MIN - Mooney, H. M., 1979, Earthquake History of Minnesota, Minnesota Geological Survey, Report of Investigations 23.

MIT - Massachusets Institute of Technology, Cambridge, Ma.

MMT - Montana College of Mineral Sciences and Technology, Butte, Mt.

MNN - University of Minnesota, Minneapolis, Minn.

MSO - University of Montana, Missoula, Mt.

NMI - New Mexico Institute of Mining Technology, Socorro, N. Mex.

NTT - Nuttli, O. W., 1979, Geological Society of America, Reviews in Engineering Geology, v. 4, p. 67-93.

NU - Nuttli, O. W., 1973, Seismological Society of America Bulletin, v. 63, no. 1, p.227-248.

NUT - Nuttli, O. W., Bollinger, G. A., and Griffiths, D. W. 1979, Seismological Society of America Bulletin, v. 69, no. 3, p. 893-909.

OTT - Earth Physics Branch, Seismological Service of Canada, Ottawa.

PAL - Lamont-Doherty Geological Observatory, Palisades, N.Y.

PAS - Seismological Laboratory, California Institute of Technology, Pasadena, Calif.
REN - University of Nevada, Reno, Nv.
RO - Rogers, A. M., and Malkiel, A., 1979, Seismological Society of America, v. 69, no. 3, p. 843-865.
SLM - St. Louis University, St. Louis, Mo.
ST - Street, R. L., and Turcotte, F. T., 1977, Seismological Society of America Bulletin, v. 67, no. 3, p. 599-614.
STE - Stevenson, P. R., 1976, Seismological Society of America Bulletin, v. 66, no. 1, p. 61-80.
STR - Street, R. L., 1976, Seismological Society of America Bulletin, v. 66, no. 5, p. 1525-1537.
STT - Street, R. L., Herrmann, R. B., and Nuttli, O. W., 1975, Geophysical Journal of the Royal Astronomical Society, v. 41, p. 51-63.
TAG - Taggart, James, and Baldwin, Frank, 1982, New Mexico Geology, v. 4, no. 4. p. 50-52.
TAR - Tarr, A. C., Talwani, Pradeep, Rhea, Susan, Carver, David, and Amick, David, 1981, Seismological Society of America Bulletin, v. 71, no. 6, p. 1883-1902.
TEC - Tennessee Earthquake Information Center, Memphis State University, Memphis, Tennessee.
TGG - Taggart, James, 1982, unpublished data.
TUL - Oklahoma Geophysical Observatory, Oklahoma Geological Survey, Leonard, Okla.
UU - University of Utah, Salt Lake City, Ut.
USG - U. S. Geological Survey, Menlo Park, California.
WAS - University of Washington, Seattle, Wa.
WES - Weston Observatory, Weston, Ma.
XXX - Published magnitudes of unknown source.

6. An asterisk (*) in the INTENSITY, MM column indicates that the intensity was assigned by the compiler on the basis of the available data at the time the catalog was compiled.

REFERENCES CITED

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ALABAMA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1886	FEB	05	01	..	..	32.8	88.0	..	G	38	..	.. ..	V	38
1886	FEB	13	..	..	..	32.8	88.0	..	H	38	..	.. ..	...	..
1905	JAN	27	..	..	..	34.0	86.0 x	..	G	38	..	.. ..	V*	171
1916	OCT	18	21	04	..	33.5	86.2	..	G	38	..	.. ..	VII	38
1916	OCT	19	01	52	..	33.5	86.2	..	G	67	..	.. ..	...	..
1916	OCT	22	..	..	..	33.5	86.2	..	G	67	..	.. ..	...	..
1916	NOV	04	11	15	..	33.5	86.2	..	H	86	..	.. ..	III	86
1916	NOV	04	..	..	..	33.5	86.2	..	H	86	..	.. ..	III	86
1916	NOV	04	..	..	..	33.5	86.2	..	H	86	..	.. ..	...	..
1917	JUN	30	01	23	..	32.7	87.5	..	G	38	..	.. ..	V	38
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	IV	84
1917	JUN	30	..	..	..	32.7	87.5	..	H	84	..	.. ..	V	84
1923	OCT	28	16	15	..	34.9	88.1	..	H	84	..	.. ..	III	84
1927	JUN	16	12	00	..	34.7	86.0	..	G	38	..	3.8BAR 8	V	38
1929	JUN	13	14	44	..	30.7	88.0	..	G	2	..	.. ..	III*	2
1930	DEC	01	14	10	..	33.4	87.0 x	..	G	3	..	.. ..	...	..
1931	MAY	05	12	18	..	33.7	86.6	..	G	38	..	.. ..	VI	38
1938	JUN	24	09	..	..	34.7	86.6	..	G	173	..	.. ..	...	..
1939	MAY	05	02	45	..	33.7	85.8	..	G	38	..	.. ..	V	38
1939	JUN	24	09	..	..	34.8	86.6	..	H	12	..	.. ..	III*	12
1939	JUN	24	10	27	..	34.8	86.6	..	H	12	..	3.5BAR 8	IV	12
1939	JUN	24	11	45	..	34.8	86.6	..	H	12	..	.. ..	III*	12
1952	FEB	06	15	12	..	33.5	86.9 *	..	H	25	..	.. ..	IV	25
1956	SEP	27	14	15	..	31.9	88.5 x	..	G	105	..	.. ..	IV	105
1957	APR	23	09	23	39.0	33.77	86.72	005	C	214	..	4.2GOR 8	VI	30
1959	AUG	12	18	06	01.4	34.79	86.56	005	C	214	..	3.8GOR 8	VI	32
1965	JUN	20	12	30	..	34.3	87.1	..	D	203	..	2.6JLM 5	...	..
1966	FEB	13	06	29	43	33.6	87.0	..	C	177	..	3.5STT 2	...	..
1967	OCT	24	14	34	52.0	32.7	88.3	..	C	178	..	2.6SLM 2	...	..
1971	MAR	14	17	27	54.6	33.18	87.84	012	B	214	..	3.6GB 2	III*	44
1971	MAR	14	18	43	38.0	33.0	88.1	..	C	178	..	2.9SLM 2	...	..
1971	MAR	15	14	53	22.0	32.8	88.3	..	C	178	..	3.5SLM 2	...	..
1971	MAR	16	02	37	28.0	32.8	88.3	..	C	178	..	3.7SLM 2	...	..
1971	MAR	17	05	04	29.0	33.1	88.1	..	C	178	..	3.0SLM 2	...	..
1971	JUN	13	01	17	..	33.7	86.6	..	D	203	..	2.9JLM 5	...	..
1974	DEC	10	06	01	35.0	31.23	87.46	018	B	214	..	3.2GOR 2	V	47
1975	MAR	01	11	49	51.9	32.95	88.02	001	B	214	..	4.1DEW 2	IV	48
1975	JUN	24	11	11	36.6	33.70	87.84	004	B	214	4.5	3.7DEW 2	IV	48
1975	AUG	29	04	22	52.1	33.66	86.59	004	A	201	3.5	4.4DEW 2	VI	48

ALABAMA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1975	NOV	07	23	39	31.7	33.31	87.33	004	B	201	..	3.5SLM	2	II	48
1977	MAY	04	02	00	24.3	31.96	88.44	000	B	214	..	3.3GOR	2	V	39
1978	JAN	08	11	34	23.4	32.70	88.21	001	A	214	..	3.1GOR	2	...	..
1978	MAR	01	04	08	26.5	34.52	86.64	001	B	214	..	2.5GS	2	III	240
1978	OCT	27	13	53	54.4	33.82	87.45	005	B	240	..	2.9TUL	2	...	..
1980	JUL	25	15	30	12.5	33.94	87.44x	000	B	300	..	3.1GS	2	...	..

ARKANSAS

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1699	DEC	25	19	00	..	34.9	90.3 *	..	I	105	..	...	IV*	65
1811	DEC	16	08	15	..	35.4	90.4 *	..	G	114	..	7.2NU 4	XI*	114
1811	DEC	16	08	30	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	16	09	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	16	13	20	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	16	13	30	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	16	17	..	..	35.4	90.4 *	..	G	65	..	.. ..	...	..
1811	DEC	17	11	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	17	13	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	17	18	00	..	35.4	90.4 *	..	G	65	..	.. ..	...	..
1811	DEC	18	01	30	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	18	08	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	18	09	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	18	12	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	19	00	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	19	03	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	20	16	53	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	21	01	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	21	03	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	21	10	30	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	21	16	48	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	22	14	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	29	02	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	29	..	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	30	17	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	31	10	05	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1811	DEC	31	10	45	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	01	06	21	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	01	15	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	02	03	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	02	06	30	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	03	08	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	03	14	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	04	..	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	09	09	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	09	..	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	11	01	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	11	13	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	12	03	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	12	15	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	13	17	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	13	18	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	13	21	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	14	17	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	14	..	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	15	17	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	16	..	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	18	03	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..
1812	JAN	18	17	..	..	35.4	90.4 *	..	G	143	..	.. ..	...	..

ARKANSAS

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1812	JAN	20	..	..	..	35.4	90.4	*	..	G	143	..	.. ..	...	..
1812	JAN	21	..	..	..	35.4	90.4	*	..	G	143	..	.. ..	...	..
1812	JAN	22	..	..	..	35.4	90.4	*	..	G	143	..	.. ..	...	..
1843	JAN	05	02	45	..	35.5	90.5		..	F	113	..	6.0BAR 8	VIII	113
1843	FEB	17	05	..	..	35.5	90.5		..	F	113	..	4.8BAR 8	V	113
1877	DEC	17	..	..	..	35.7	90.0	*	..	G	297	..	.. ..	F	297
1883	DEC	05	15	20	..	36.3	91.2		..	H	105	..	4.6BAR 8	V	105
1895	OCT	30	14	30	..	36.4	90.6		..	G	105	..	.. ..	III	105
1895	OCT	30	20	00	..	36.4	90.6		..	G	105	..	.. ..	III	66
1895	OCT	30	22	30	..	36.4	90.6		..	G	105	..	.. ..	III	66
1898	JAN	27	01	35	..	34.6	90.6		..	G	105	..	.. ..	IV	105
1898	APR	15	03	20	..	36.4	90.6		..	G	105	..	.. ..	...	..
1907	FEB	20	..	..	..	34.8	93.9	x	..	G	105	..	.. ..	...	..
1911	MAR	31	16	57	..	34.2	92.0		..	G	105	..	4.3BAR 8	VI	105
1911	MAR	31	18	10	..	34.2	92.0		..	G	105	..	3.8BAR 8	IV	67
1918	OCT	04	09	21	..	34.7	91.7		..	H	113	..	4.4BAR 8	V	105
1918	OCT	13	09	30	..	36.1	91.0		..	I	105	..	3.8BAR 8	V	105
1918	OCT	15	10	00	..	36.1	91.0		..	I	105	..	.. ..	...	..
1919	APR	08	12	30	..	36.2	91.3	x	..	G	105	..	.. ..	III*	105
1919	NOV	03	20	40	..	36.3	91.0		..	G	105	..	.. ..	IV*	105
1923	OCT	28	17	10	..	35.5	90.4		..	G	105	..	4.5BAR 8	VII	105
1923	NOV	26	23	25	..	35.5	90.4		..	G	105	..	4.1BAR 8	IV	105
1924	JAN	01	03	05	..	35.4	90.3		..	H	105	..	4.6BAR 8	V	105
1925	JAN	27	22	42	..	36.2	91.7		..	H	113	..	3.8BAR 8	III	105
1925	JUL	08	16	00	..	36.3	93.2		..	H	105	..	3.9BAR 8	IV	105
1927	MAY	07	08	28	..	35.7	90.6		..	H	105	..	4.8BAR 8	VII	105
1928	NOV	10	06	20	..	36.1	91.1		..	H	113	..	.. ..	IV	105
1928	DEC	26	03	25	..	36.1	91.1		..	G	113	..	.. ..	IV	105
1930	JAN	26	21	00	..	36.1	91.1		..	G	105	..	.. ..	IV	105
1930	FEB	18	17	00	..	35.5	90.4		..	G	3	..	.. ..	III	68
1930	NOV	16	12	30	..	34.3	92.7		..	G	3	..	3.3BAR 8	V	105
1931	DEC	10	08	11	36	35.9	89.8		..	G	105	..	3.8BAR 8	IV	105
1932	NOV	22	07	56	42	36.0	90.2		..	G	105	..	3.6BAR 8	III	105
1933	DEC	09	08	50	..	35.8	90.2		..	G	105	..	.. ..	V	6
1933	DEC	09	..	..	..	35.8	90.2		..	G	105	..	.. ..	III*	105
1937	MAY	17	00	49	46	36.1	90.6		..	C	153	..	4.3BAR 8	IV	105
1938	APR	26	05	42	..	34.2	93.5		..	G	105	..	.. ..	IV	105
1938	JUN	17	..	..	..	35.8	89.9		..	G	105	..	.. ..	III	105
1938	SEP	18	01	57	..	35.5	90.3		..	G	105	..	.. ..	...	..
1938	SEP	18	03	34	28.3	35.41	90.25		001	B	214	..	4.8GOR 8	V*	105
1938	SEP	18	07	20	..	35.5	90.3		..	G	68	..	.. ..	III*	68
1939	JUN	19	21	43	12	34.1	92.6		..	G	105	..	4.3BAR 8	V	12
1940	FEB	14	11	10	..	35.9	89.8		..	G	105	..	.. ..	III	105
1947	DEC	16	03	27	..	35.6	90.1		..	H	105	..	4.0BAR 8	V	105
1950	SEP	17	05	48	..	35.7	90.0		..	G	105	..	.. ..	III	105
1951	DEC	18	02	02	..	35.6	90.3		..	G	105	..	.. ..	III	105
1951	DEC	18	08	00	..	35.6	90.3		..	G	105	..	.. ..	III*	105
1952	DEC	25	04	23	24	35.9	89.8		..	C	105	..	4.1BAR 8	IV	25
1952	DEC	25			::	35.9	89.8		..	G	105	..	.. ..	II	105
1953	MAY	12	18	50	..	35.6	90.3		..	G	105	..	.. ..	IV	105
1956	JAN	29	04	44	15.5	35.76	89.80		016	B	214	..	4.0GOR 8	VI	29
1958	MAY	20	01	25	..	35.5	90.4		..	G	105	..	.. ..	IV	31
1959	JUL	20	08	15	26	35.9	89.8		..	G	105	..	.. ..	III	105
1960	MAY	04	16	31	32	34.2	92.0		..	G	105	..	.. ..	IV	33
1961	SEP	09	22	42	55.0	35.96	90.19		005	C	214	..	.. ..	IV	34
1963	FEB	07	21	18	36.0	34.4	92.1		..	C	178	..	3.4SLM 2	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1965	DEC	19	22	19	12.0	36.03	89.77	001	A	214	5.3	3.8GOR 2	...	..
1966	FEB	12	04	32	12.8	35.96	89.87	001	A	214	4.3	3.6GOR 2	IV	81
1966	MAR	17	09	31	00.0	35.8	92.0	..	C	178	..	2.9SLM 2	...	..
1967	JUL	06	16	43	51.0	35.8	90.4	..	C	178	..	3.4SLM 2	...	..
1969	JAN	01	23	35	38.7	34.99	92.69	007	B	214	4.2	4.4GOR 2	VI	42
1970	NOV	17	02	13	54.1	35.86	89.95	014	A	214	3.6	4.3GOR 2	VI	43
1971	APR	07	03	43	..	35.9	90.2	..	C	177	..	.. ..	...	..
1971	APR	13	14	00	49.4	35.78	90.22	001	A	214	..	2.8SLM 2	...	..
1971	OCT	01	18	49	38.5	35.77	90.49	009	A	214	..	4.2GOR 2	V	44
1972	FEB	01	05	42	09.5	36.37	90.85	003	A	214	4.1	3.7GOR 2	V	45
1972	MAY	07	02	12	08.7	35.93	89.97	001	A	214	..	3.4SLM 2	IV	45
1973	OCT	03	03	50	19.8	35.87	90.05	006	A	214	..	3.4SLM 2	IV	46
1974	FEB	15	22	32	38.2	34.04	92.98	017	A	214	..	3.5GOR 2	III	173
1974	FEB	15	22	35	46.6	34.07	93.12	014	A	214	4.2	3.4GOR 2	III	173
1974	FEB	15	22	49	04.4	34.03	93.04	017	A	214	3.8	3.8GOR 2	V	47
1974	FEB	15	22	53	05.1	34.00	92.98	020	B	214	..	2.8SLM 2	F	47
1974	FEB	24	07	53	45.2	35.79	90.48	005	B	214	..	2.7GOR 2	...	..
1974	MAR	04	14	24	28.1	35.69	90.41	005	B	214	..	3.0SLM 2	...	..
1974	DEC	13	05	03	55.5	34.50	91.86	003	B	214	..	3.1GOR 2	V	47
1974	DEC	25	13	21	37.2	35.86	90.01	014	A	214	..	2.4GOR 2	II	47
1975	JAN	02	09	18	57.3	34.87	91.07	008	A	214	..	2.9SLM 2	II	48
1976	JAN	16	19	42	56.9	35.90	92.16	007	A	214	..	3.4GOR 2	V	49
1976	MAR	25	00	41	20.8	35.59	90.48	017	A	214	4.9	4.9GOR 2	VI	49
1976	MAR	25	01	00	12.4	35.61	90.44	014	A	214	..	4.3GOR 2	F	49
1976	SEP	25	14	06	55.8	35.58	90.47	008	A	214	..	3.5GOR 2	V	49
1977	JUN	02	23	29	10.6	34.56	94.17	010	A	214	4.3	3.6GOR 2	VI	39
1977	JUN	02	23	35	12.2	34.60	93.90	010	C	239	..	2.6TUL 2	...	..
1977	NOV	26	04	18	18.1	34.39	92.91	010	B	214	..	3.1SLM 2	IV	39
1978	JUL	21	02	56	35.9	35.89	90.13	005	A	246	..	2.6SLM 7	...	..
1978	SEP	15	05	50	28.2	35.83	89.81	011	A	246	..	2.7SLM 2	...	..
1978	SEP	23	07	34	03.7	33.97	91.92	033	B	214	..	3.1SLM 2	IV	240
1978	SEP	23	21	56	26.2	36.32	91.17	009	A	214	..	2.8GS 2	...	..
1978	NOV	21	23	31	22.1	35.97	89.92	010	B	240	..	2.4SLM 1	II	240
1979	FEB	05	05	31	09.4	35.84	90.10	010	A	214	..	3.2TUL 2	IV	262
1979	FEB	27	08	25	..	34.2	92.0 *	..	F	262	..	2.9SLM 2	IV	262
1979	FEB	27	22	54	54.8	35.96	91.20	010	B	214	..	3.1SLM 2	V	262
1979	FEB	27	22	55	12.0	35.93	91.24	010	B	262	..	.. ..	IV	262
1979	JUN	03	05	50	24.6	35.61	90.52	005	B	262	..	2.1SLM 2	III*	262
1979	JUN	25	17	11	13.8	35.56	90.45	007	A	214	..	3.2SLM 2	IV	262
1979	AUG	26	11	28	..	36.3	91.5 *	..	F	262	..	.. ..	IV	262
1979	NOV	05	16	35	25.9	36.46	91.04	006	A	214	..	3.2SLM 2	IV	262

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1568	...	..	..	..	..	41.5	72.5	..	H	126	..	.. ..	VI	126
1574	...	..	..	..	..	41.5	72.5	..	H	126	..	.. ..	V	126
1584	...	..	..	..	..	41.5	72.5	..	H	126	..	.. ..	V	126
1592	...	..	..	..	..	41.5	72.5	..	H	126	..	.. ..	V	126
1677	DEC	13	..	..	..	41.1	73.5	..	H	126	..	.. ..	IV	126
1688	SEP	07	..	..	..	41.7	72.9	..	H	126	..	.. ..	II	126
1698	...	..	..	..	..	41.4	73.5	..	H	126	..	.. ..	IV	76
1702	...	..	..	..	..	41.4	73.5	..	H	126	..	.. ..	IV	76
1711	...	..	..	..	..	41.4	73.5	..	H	126	..	.. ..	IV	76
1729	MAR	30	..	..	..	41.4	73.5	..	H	126	..	.. ..	II	126
1729	AUG	06	..	..	..	41.4	73.5	..	H	76	..	.. ..	IV	76
1791	MAY	16	13	00	..	41.5	72.5	..	G	78	..	.. ..	VII	78
1791	MAY	19	03	00	..	41.5	72.4	..	G	126	..	.. ..	IV	126
1792	AUG	29	03	..	..	41.5	72.5	..	H	38	..	.. ..	IV	76
1792	OCT	24	06	..	..	41.5	72.5	..	H	126	..	.. ..	IV	76
1793	JAN	11	13	..	..	41.5	72.5	..	H	38	..	.. ..	IV	76
1793	JUL	06	11	..	..	41.5	72.5	..	H	126	..	.. ..	IV	76
1794	MAR	06	19	..	..	41.5	72.5	..	H	38	..	.. ..	IV	83
1794	MAR	07	04	..	..	41.5	72.5	..	H	38	..	.. ..	IV	83
1794	MAR	09	19	00	..	41.5	72.5	..	H	126	..	.. ..	IV	126
1794	MAR	10	04	00	..	41.5	72.5	..	H	126	..	.. ..	IV	126
1805	AUG	12	00	..	..	41.5	72.4	..	H	76	..	.. ..	IV	76
1805	DEC	30	11	..	..	41.5	72.4	..	H	76	..	.. ..	IV	76
1811	JUL	..	..	..	..	41.5	72.4	..	H	76	..	.. ..	III	76
1812	FEB	09	14	..	..	41.5	72.4	..	H	76	..	.. ..	III	76
1812	JUL	05	13	..	..	41.5	72.4	..	H	76	..	.. ..	III	76
1813	DEC	28	21	..	..	41.5	72.4	..	H	76	..	.. ..	IV	76
1827	AUG	23	..	..	..	41.4	72.1	..	H	76	..	.. ..	IV	76
1837	APR	12	..	..	..	41.7	72.7	..	H	38	..	.. ..	V	38
1840	AUG	09	20	30	..	41.5	72.9	..	H	38	..	.. ..	V	38
1844	JUN	..	01	..	..	41.5	72.4	..	H	126	..	.. ..	III	76
1845	JAN	01	..	..	..	41.5	72.4	..	H	126	..	.. ..	III	126
1845	OCT	26	23	15	..	41.2	73.3	..	G	78	..	.. ..	VI	76
1852	AUG	01	..	..	..	41.4	72.1	..	H	126	..	.. ..	III	76
1856	MAR	13	03	..	..	41.4	72.6	..	H	76	..	.. ..	IV	76
1857	JUL	01	03	45	..	41.5	72.5	..	H	76	..	.. ..	III	76
1858	JUN	27	..	..	..	41.4	72.8	..	H	76	..	.. ..	III	76
1858	JUL	01	03	45	..	41.3	73.0	..	H	38	..	.. ..	V	38
1860	MAR	12	..	..	..	41.5	72.5	..	H	126	..	.. ..	III	76
1862	FEB	03	01	..	..	41.5	72.5	..	H	76	..	.. ..	IV	76
1875	FEB	09	..	..	..	41.5	72.0	..	G	126	..	.. ..	II	76
1875	JUL	28	09	10	..	41.8	73.2	..	G	38	..	.. ..	V	38
1875	SEP	26	02	00	..	41.3	73.3	..	H	126	..	.. ..	II	76
1879	OCT	24	23	12	..	41.3	72.9	..	H	126	..	.. ..	II	76
1885	APR	28	22	10	..	41.3	72.7	..	G	126	..	.. ..	III	76
1885	DEC	29	09	30	..	41.8	72.7 *	..	H	84	..	.. ..	III*	84
1886	JAN	09	21	15	..	41.9	73.1	..	H	126	..	.. ..	II	126
1886	FEB	03	..	..	..	41.2	73.2	..	H	126	..	.. ..	II	126
1886	SEP	05	..	..	..	41.5	72.5	..	G	76	..	.. ..	IV	76
1894	APR	10	..	..	..	41.6	72.5	..	G	76	..	.. ..	IV	76

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1894	NOV	23	13	30	..	41.4	72.1	..	G	126	..	.. ..	III	76
1897	SEP	05	..	..	..	41.5	72.5	..	G	76	..	.. ..	IV	76
1899	MAY	17	01	15	..	41.6	72.5	..	G	78	..	.. ..	IV	78
1906	MAY	08	13	30	..	41.5	72.5	..	G	76	..	.. ..	IV	76
1906	MAY	14	..	..	..	41.2	73.2	..	H	126	..	.. ..	II	126
1908	FEB	05	08	20	..	41.4	73.2	..	G	76	..	.. ..	IV	76
1913	NOV	15	..	..	..	41.5	72.5	..	G	126	..	.. ..	III	76
1916	DEC	02	09	..	..	41.5	72.5	..	G	126	..	.. ..	III	76
1917	FEB	16	09	..	..	41.5	72.5	..	G	126	..	.. ..	IV	76
1917	MAR	11	..	..	..	41.5	72.5	..	G	76	..	.. ..	III	76
1919	AUG	11	..	..	..	41.5	72.5	..	G	126	..	.. ..	III	76
1925	OCT	24	01	30	..	41.4	73.3	..	G	76	..	.. ..	III	76
1925	OCT	30	..	..	..	41.5	72.5	..	G	126	..	.. ..	IV	76
1925	NOV	01	..	..	..	41.5	72.5	..	G	126	..	.. ..	II	76
1925	NOV	14	13	04	..	41.7	72.4	..	F	78	..	.. ..	V	76
1925	NOV	16	06	20	..	41.8	72.7	..	G	126	..	.. ..	IV	76
1926	JAN	04	..	..	..	41.6	71.8	..	G	76	..	.. ..	IV	76
1927	MAR	30	..	..	..	41.7	72.8	..	G	126	..	.. ..	IV	76
1928	NOV	14	08	07	..	41.5	72.5 *	..	H	84	..	.. ..	IV	84
1928	NOV	16	01	20	..	41.7	72.7 *	..	H	84	..	.. ..	V*	84
1928	DEC	08	04	12	..	41.8	72.5	..	G	1	..	.. ..	II	77
1931	JUL	01	02	45	..	41.6	73.4	..	G	77	..	.. ..	IV	77
1934	JAN	30	10	30	..	41.8	72.6	..	G	77	..	.. ..	IV	7
1935	AUG	09	07	30	..	41.4	72.1	..	G	77	..	.. ..	II	77
1937	JUL	27	09	10	..	41.8	72.4	..	D	10	..	.. ..	III	77
1938	JUN	14	04	02	..	41.4	73.4	..	G	77	..	.. ..	II	77
1938	JUN	14	19	30	..	41.4	73.4	..	G	77	..	.. ..	II*	11
1938	AUG	02	09	02	30	41.1	73.7	..	C	77	..	.. ..	V*	11
1938	SEP	20	..	..	..	41.4	72.2	..	H	77	..	.. ..	III	77
1939	AUG	12	..	..	..	41.5	72.5	..	H	82	..	.. ..	II	126
1940	MAR	02	04	15	36	41.5	72.5	..	C	13	..	.. ..	IV*	13
1940	MAR	13	01	29	00	41.5	72.5	..	C	13	..	.. ..	III	77
1942	DEC	09	18	00	..	41.8	72.7	..	G	77	..	.. ..	II	77
1944	DEC	14	03	15	..	41.6	72.8	..	G	77	..	.. ..	IV	17
1947	JAN	04	18	51	04	41.0	73.6	..	C	77	..	.. ..	V	77
1948	JUN	04	09	00	..	41.3	72.5	..	G	77	..	.. ..	II	77
1950	MAR	29	14	43	02	41.0	73.6	..	C	23	..	.. ..	IV	77
1951	JAN	26	03	27	..	41.5	72.5	..	H	77	..	.. ..	IV	24
1953	MAR	27	08	50	..	41.1	73.5	..	D	77	..	.. ..	V	26
1959	APR	13	21	20	19	41.92	73.27	..	C	77	..	3.4OTT 1	...	..
1968	NOV	03	08	33	52.5	41.4	72.5	..	G	78	..	.. ..	V	41
1976	APR	24	10	22	22.1	41.68	72.49	000	B	49	..	2.2CON 2	IV	49
1976	DEC	17	10	30	..	41.5	72.1	..	C	126	..	2.2WES 1	II	126
1980	OCT	24	17	27	38.2	41.32	72.87	007	B	300	..	2.8WES 2	IV	300
1980	OCT	25	00	41	28.3	41.33	72.88	006	B	300	..	2.7WES 2	IV	300

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1879	MAR	26	00	30	..	39.2	75.5		..	H	38	..	..	..	V*	76
1906	MAY	08	17	41	..	38.7	75.7		..	G	38	..	..	..	V*	38
1937	DEC	03	..	..	..	38.7	75.5	*	..	H	10	..	..	..	...	..
1944	JAN	08	..	..	..	39.8	75.5		..	H	17	..	..	..	V*	17
1971	JUL	14	..	..	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1971	DEC	29	..	..	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1972	JAN	02	07	08	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1972	JAN	03	00	..	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1972	JAN	07	03	45	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1972	JAN	22	06	40	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1972	JAN	23	01	35	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1972	JAN	23	07	22	..	39.7	75.6	*	..	G	207	..	..	..	IV*	207
1972	FEB	11	00	16	30	39.7	75.6	*	..	G	207	..	..	..	V*	207
1972	FEB	11	15	30	..	39.7	75.6	*	..	G	207	..	..	..	...	..
1972	AUG	14	01	09	..	39.7	75.6	*	..	G	206	..	..	..	IV	206
1972	AUG	14	01	55	..	39.7	75.6	*	..	G	206	..	..	..	...	..
1973	JUL	10	04	38	02	39.7	75.7		..	G	223	..	..	..	IV	223
1974	APR	28	14	19	20	39.7	75.6	*	..	G	47	..	..	..	IV	47
1977	FEB	10	19	14	25	39.8	75.5		..	G	126	..	2.0	DEL 2	VI	39

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D A T E YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1780	FEB	06	..	..	..	30.4	87.2 *	..	G	101	..	.. ..	VI*	101
1879	JAN	13	04	45	..	29.5	82.0	..	H	38	..	.. ..	VI	38
1879	JAN	13	04	55	..	29.5	82.0	..	H	38	..	.. ..	F	38
1886	JAN	08	18	34	..	30.4	81.7	..	H	103	..	.. ..	F	84
1886	SEP	01	..	..	..	30.4	81.7 *	..	H	69	..	.. ..	IV	69
1886	SEP	03	21	..	..	30.4	81.7 *	..	H	84	..	.. ..	IV	69
1886	SEP	04	09	..	..	30.4	81.7	..	H	103	..	.. ..	IV	69
1886	SEP	05	..	..	..	30.4	81.7 *	..	H	69	..	.. ..	IV	69
1886	SEP	08	..	..	..	30.4	81.7 *	..	H	69	..	.. ..	IV	69
1886	SEP	09	18	47	..	30.4	81.7	..	H	103	..	.. ..	IV	69
1893	JUN	21	07	07	..	30.4	81.7 *	..	H	84	..	.. ..	IV	69
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	V	84
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	III*	84
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	III*	84
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	III*	84
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	III*	84
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	III*	84
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	III*	84
1900	OCT	10	..	..	..	30.3	81.7 x	..	H	84	..	.. ..	III*	84
1900	OCT	31	16	15	..	30.4	81.7	..	H	38	..	.. ..	V	38
1902	MAY	21	..	..	..	29.9	81.3 *	..	H	84	..	.. ..	...	..
1902	MAY	21	00	..	..	29.9	81.3 *	..	H	84	..	.. ..	II	84
1905	SEP	04	09	..	..	27.5	82.6 *	..	H	84	..	.. ..	III	84
1930	JUL	19	18	53	..	25.8	81.4 x	..	H	103	..	.. ..	V	103
1935	NOV	14	03	10	..	29.6	81.7 *	..	H	69	..	.. ..	IV	69
1935	NOV	14	03	30	..	29.6	81.7 *	..	H	69	..	.. ..	IV	69
1940	DEC	27	01	..	..	28.0	82.5 x	..	H	13	..	.. ..	...	..
1942	JAN	19	19	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1942	JAN	19	..	..	..	26.5	81.0 x	..	I	69	..	.. ..	IV*	69
1945	DEC	22	15	25	..	25.8	80.0 *	..	H	18	..	.. ..	III*	18
1948	NOV	08	17	44	..	26.5	82.2 *	..	H	21	..	.. ..	IV*	21
1952	NOV	18	20	12	..	30.6	84.6	..	H	103	..	.. ..	IV	25

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1953	MAR	26	..	..	..	28.6	81.4	..	H	103	..	.. ..	IV	104
1973	OCT	27	06	21	02.0	28.48	80.65	005	C	201	..	3.5JLM 5	V	46
1973	DEC	05	11	30	..	30.5	86.5 x	..	I	46	..	.. ..	III*	46
1975	DEC	04	11	57	..	29.2	81.0 *	..	G	90	..	2.9BLA 2	IV	90
1978	JAN	12	21	10	..	28.1	81.6 *	..	G	240	..	.. ..	IV	240
1978	NOV	06	23	00	..	30.20	82.65	..	F	240	..	.. ..	IV	240
1978	NOV	14	20	14	..	30.2	82.6 *	..	G	240	..	.. ..	F	240
1978	NOV	16	19	00	..	30.2	82.6 *	..	G	240	..	.. ..	F	240

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1826	OCT	15	..	..	..	32.0	81.1 *	..	H	84	..	.. ..	F	84
1872	JUN	17	20	00	..	33.1	83.3	..	G	38	..	.. ..	V	38
1875	JUL	28	23	05	..	33.1	83.3	..	H	86	..	.. ..	III	86
1875	NOV	02	02	55	..	33.8	82.5	..	G	38	..	.. ..	VI	38
1884	MAR	31	10	00	..	33.1	83.3	..	H	86	..	.. ..	III	86
1885	OCT	17	22	30	..	33.0	83.0	..	H	86	..	.. ..	IV	86
1903	JAN	24	01	15	..	32.1	81.1	..	G	38	..	.. ..	VI	38
1909	OCT	08	10	00	..	34.9	85.0 *	..	H	84	..	.. ..	V*	84
1912	JUN	20	..	..	..	32.0	81.0	..	H	38	..	.. ..	V	38
1912	OCT	23	01	15	..	32.7	83.5	..	H	84	..	.. ..	IV	84
1913	MAR	13	05	..	..	34.5	85.0	..	I	103	..	.. ..	IV	103
1914	MAR	05	20	05	..	33.5	83.5	..	G	38	..	.. ..	VI	38
1914	MAR	05	21	00	..	33.5	83.5	..	F	289	..	.. ..	...	..
1928	MAY	23	10	15	..	30.8	83.3	..	H	1	..	.. ..	III*	1
1933	JUN	09	11	30	..	33.3	83.5 x	..	H	86	..	.. ..	IV	102
1943	JUL	29	03	30	..	33.4	82.0 x	..	H	16	..	.. ..	III*	16
1958	APR	08	17	..	..	31.5	83.5	..	H	29	..	.. ..	III*	29
1963	OCT	08	06	01	43.4	33.9	82.5	..	C	110	..	3.2JLM 5	...	..
1964	FEB	17	22	47	..	34.7	85.4	..	D	203	..	3.3JLM 5	...	..
1964	FEB	18	09	31	10.4	34.67	85.39	001	A	201	4.4	4.0GB 2	V	35
1964	MAR	07	18	02	58.6	33.72	82.39	005	B	201	..	3.3JLM 5	...	..
1964	MAR	13	01	20	17.5	33.19	83.31	001	B	201	4.4	3.9JLM 5	V	35
1965	APR	07	07	41	10.2	33.9	82.5	..	C	110	..	.. ..	...	..
1965	JUL	22	23	55	33.3	33.2	83.2	..	C	115	..	.. ..	...	..
1965	NOV	08	12	58	01.0	33.2	83.2	..	C	115	..	3.3JLM 5	...	..
1965	NOV	08	13	04	11.5	33.2	83.2	..	C	115	..	.. ..	...	..
1969	MAY	05	17	14	..	33.9	82.5	..	H	86	..	.. ..	...	..
1969	MAY	09	..	..	..	33.95	82.58	..	B	164	..	3.3ATL 2	...	..
1969	MAY	18	..	..	..	33.95	82.58*	..	F	164	..	3.5ATL 2	...	..
1969	NOV	04	18	58	23	33.2	83.2	..	C	115	..	.. ..	...	..
1969	NOV	08	01	52	..	33.9	82.5	..	C	115	..	.. ..	...	..
1971	APR	16	07	31	..	33.9	82.5	..	B	110	..	.. ..	...	..
1973	OCT	08	13	38	..	33.9	82.5	..	B	110	..	.. ..	...	..
1974	AUG	02	08	52	11.1	33.91	82.53	004	A	201	4.3	4.1GB 2	V	47
1975	APR	01	21	09	..	33.2	83.2	..	D	203	..	3.9JLM 5	...	..
1976	FEB	04	19	53	53.0	34.97	84.70	014	A	201	..	3.6DEW 2	VI	49
1976	DEC	27	06	57	15.2	32.06	82.50	014	A	201	..	3.7BLA 2	V	49
1978	JUN	05	21	37	44.6	33.54	82.59	023	A	290	..	2.6TAR 6	...	..
1980	SEP	10	19	49	46.4	34.12	82.94	013	B	322	..	2.5GS 6	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1795	JAN	08	09	..	..	37.9	89.9		..	H	105	..	.. ..	V*	105
1804	AUG	20	20	10	..	42.0	87.8		..	G	105	..	4.5BAR 8	VI	105
1819	SEP	17	04	..	..	38.1	89.8		..	H	105	..	.. ..	IV	105
1819	SEP	17	..	..	..	38.1	89.8		..	H	105	..	.. ..	IV*	105
1820	NOV	09	22	..	..	37.3	89.5		..	G	38	..	.. ..	V	173
1838	JUN	09	14	45	..	38.5	89.0		..	G	113	..	.. ..	VII*	113
1855	MAY	03	03	33	..	37.0	89.2		..	H	105	..	.. ..	IV	109
1855	MAY	03	10	00	..	37.0	89.2		..	H	105	..	.. ..	III	109
1855	MAY	03	10	05	..	37.0	89.2		..	H	103	..	.. ..	III*	105
1857	OCT	08	10	00	..	38.7	89.2		..	C	113	..	5.3BAR 8	VII	109
1857	OCT	08	10	07	..	38.7	89.2	*	..	G	109	..	.. ..	VII	109
1871	JUL	24	..	..	..	37.0	89.2		..	G	105	..	.. ..	III	105
1871	JUL	25	18	40	..	38.5	90.0		..	G	105	..	3.2BAR 8	III	109
1872	FEB	08	11	00	..	37.0	89.2		..	G	105	..	.. ..	III	109
1874	JUL	09	22	00	..	37.0	89.2		..	G	105	..	.. ..	IV*	130
1876	SEP	25	06	..	..	38.5	87.8		..	G	105	..	4.7BAR 8	VI	105
1876	SEP	25	06	15	..	38.5	87.7		..	G	38	..	4.7BAR 8	VI	38
1876	SEP	26	..	..	..	38.5	87.8		..	G	105	..	.. ..	III	105
1877	JUL	15	00	40	..	37.7	89.2		..	G	105	..	4.3BAR 8	IV*	105
1877	NOV	19	11	10	..	37.0	89.2		..	G	105	..	.. ..	III*	105
1878	JAN	09	04	30	..	37.0	89.2		..	G	105	..	.. ..	III	109
1878	JAN	09	..	..	..	37.0	89.2	*	..	G	105	..	.. ..	III	109
1879	JUL	26	17	45	..	37.0	89.2		..	G	105	..	.. ..	III	105
1881	MAY	27	..	..	..	41.3	89.1		..	G	105	..	.. ..	VI	105
1882	SEP	27	10	20	..	39.0	89.5		..	G	113	..	4.5BAR 8	VI	38
1882	OCT	15	05	50	..	39.0	89.5		..	G	113	..	4.2BAR 8	V	38
1882	OCT	15	06	30	..	39.0	89.5		..	G	105	..	.. ..	V	109
1882	OCT	15	10	35	..	39.0	89.5		..	G	113	..	4.2BAR 8	V	109
1882	OCT	22	06	10	..	38.9	89.4		..	G	105	..	.. ..	III	105
1883	JAN	10	20	25	..	37.4	89.3		..	G	105	..	.. ..	III	105
1883	JAN	11	07	12	..	37.0	89.2		..	H	38	..	4.6BAR 8	VI	38
1883	FEB	04	11	..	..	40.5	89.0		..	H	213	..	.. ..	III*	213
1883	APR	12	08	30	..	37.0	89.2		..	H	38	..	.. ..	VI	173
1883	JUL	06	17	15	..	37.0	89.2		..	G	105	..	.. ..	III	109
1883	NOV	15	03	14	..	38.7	90.2		..	G	113	..	.. ..	IV	105
1885	DEC	27	01	05	..	40.4	89.0		..	G	105	..	.. ..	III	105
1886	MAR	18	05	59	..	37.6	89.2		..	G	105	..	.. ..	III*	109
1886	MAR	18	17	15	..	37.0	89.2		..	G	105	..	.. ..	IV*	105
1887	AUG	02	18	36	..	37.0	89.2		..	H	38	..	4.7BAR 8	V	38
1891	SEP	27	04	55	..	38.25	88.50		..	F	302	..	5.8BAR 8	VII	302
1899	FEB	09	05	..	..	41.8	87.6	x	..	H	105	..	.. ..	...	..
1899	FEB	09	06	30	..	41.8	87.6	x	..	H	105	..	.. ..	...	..
1899	FEB	09	09	..	..	41.8	87.6	x	..	H	105	..	.. ..	...	..
1899	FEB	09	09	30	..	41.8	87.6	x	..	H	105	..	.. ..	...	..
1899	FEB	09	12	..	..	41.8	87.6	x	..	H	105	..	.. ..	...	..
1903	FEB	09	00	21	..	37.8	89.3		..	G	105	..	4.8BAR 8	VI	38
1903	MAR	17	11	50	..	39.1	89.5		..	G	105	..	.. ..	III	109
1903	OCT	21	..	..	..	38.7	88.1		..	G	105	..	.. ..	IV	84
1903	NOV	03	18	00	..	37.8	89.3		..	G	105	..	.. ..	III*	109
1903	DEC	11	..	..	..	39.1	88.5		..	H	105	..	.. ..	II	109

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1903	DEC	31	11	30	..	40.0	87.9	x	..	H	105	..	.. ..	...	..
1905	AUG	22	10	45	..	39.9	91.4		..	G	105	..	.. ..	III*	113
1906	MAY	21	19	00	..	38.7	88.4		..	G	105	..	.. ..	V	109
1907	JAN	31	05	30	..	38.9	89.5	x	..	G	109	..	3.6BAR 8	V	105
1907	NOV	28	16	30	..	42.3	89.8		..	H	84	..	3.2BAR 8	IV	84
1908	OCT	28	00	27	..	37.0	89.2		..	H	38	..	4.0BAR 8	V	38
1909	MAY	26	14	42	..	42.5	89.0		..	G	38	..	5.1BAR 8	VII	38
1909	JUL	19	04	34	..	40.2	90.0		..	G	38	..	4.5BAR 8	VII	38
1909	AUG	16	22	45	..	38.3	90.1		..	G	105	..	4.3BAR 8	IV	105
1909	OCT	22	22	30	..	41.8	89.7		..	G	105	..	.. ..	IV*	109
1909	OCT	23	09	47	..	39.0	87.7		..	G	38	..	4.2BAR 8	V	38
1911	JUL	29	..	..	..	41.8	87.6		..	G	105	..	.. ..	V	84
1912	JAN	02	16	21	..	41.5	88.5		..	G	38	..	4.7BAR 8	VI	38
1912	SEP	25	..	..	..	42.3	89.1		..	G	105	..	.. ..	III*	105
1913	OCT	17	02	15	..	41.8	89.7		..	G	105	..	3.9BAR 8	IV	84
1915	FEB	05	06	55	..	37.7	88.6		..	G	105	..	3.4BAR 8	IV	109
1915	FEB	19	04	35	..	37.1	89.2		..	G	105	..	3.4BAR 8	IV	105
1915	APR	15	13	20	..	38.7	88.1		..	G	105	..	3.8BAR 8	III*	109
1916	FEB	18	01	27	..	37.6	88.8		..	G	84	..	.. ..	III	84
1916	AUG	24	09	..	..	37.0	89.2		..	G	105	..	3.9BAR 8	IV	105
1917	APR	09	20	52	..	38.1	90.2		..	F	113	..	5.0BAR 8	VI	38
1917	APR	09	23	35	..	38.1	90.2		..	F	113	..	.. ..	IV	113
1918	FEB	17	08	10	..	37.0	89.2		..	G	105	..	3.8BAR 8	III	109
1920	APR	30	15	12	..	38.6	89.1		..	G	105	..	3.9BAR 8	IV	105
1920	MAY	01	15	15	..	38.5	89.5		..	G	113	..	4.3BAR 8	V	109
1920	MAY	01	16	09	..	38.5	89.5	*	..	H	109	..	.. ..	III*	109
1921	FEB	27	22	16	..	37.0	89.2		..	G	105	..	3.8BAR 8	III	109
1921	SEP	09	03	..	..	38.3	90.1		..	G	105	..	3.9BAR 8	IV	109
1921	SEP	09	05	45	..	38.3	90.1	*	..	H	109	..	.. ..	III*	109
1921	OCT	01	09	..	..	37.7	88.6		..	G	105	..	3.9BAR 8	IV	109
1921	OCT	09	07	50	..	38.3	90.1		..	G	105	..	3.8BAR 8	III	109
1921	OCT	09	11	50	..	38.3	90.1		..	G	105	..	.. ..	III	109
1922	MAR	22	22	30	..	37.3	88.9		..	G	105	..	4.6BAR 8	V	38
1922	MAR	23	02	20	..	37.3	88.9		..	G	105	..	.. ..	V	109
1922	APR	11	05	..	..	40.9	90.6		..	G	105	..	.. ..	II	109
1922	NOV	27	03	31	..	37.8	88.5		..	G	105	..	4.5BAR 8	VII*	109
1923	MAR	09	02	45	..	38.9	89.4		..	G	105	..	3.9BAR 8	III	109
1923	MAY	06	07	50	..	37.0	89.2		..	G	105	..	3.9BAR 8	III	109
1923	MAY	15	23	42	..	37.0	89.2		..	G	105	..	3.8BAR 8	III	109
1923	NOV	10	04	..	..	40.0	89.9		..	H	105	..	.. ..	V	109
1923	NOV	29	23	20	..	37.0	89.2		..	G	105	..	.. ..	IV	105
1925	MAR	03	16	..	..	42.1	87.7		..	G	105	..	.. ..	II	105
1925	JUL	13	..	..	..	38.8	90.0		..	G	105	..	.. ..	V	109
1926	MAR	22	14	30	..	37.8	88.6		..	G	105	..	3.9BAR 8	IV	105
1928	JAN	23	09	19	..	42.0	90.0		..	G	1	..	3.5BAR 8	IV	1
1930	FEB	25	12	45	..	37.0	89.2		..	G	105	..	.. ..	III	109
1933	JUL	13	14	42	39	37.9	89.9		..	G	105	..	.. ..	III	109
1933	AUG	04	04	34	15	37.9	89.9		..	G	105	..	3.5BAR 8	IV	109
1933	OCT	24	..	..	..	37.3	89.5		..	G	105	..	.. ..	III	105
1934	APR	17	13	53	23	37.9	89.9		..	G	105	..	.. ..	III	109
1934	MAY	15	14	28	..	37.9	89.9		..	G	105	..	.. ..	IV*	109
1934	AUG	20	00	47	27	37.0	89.2		..	G	38	..	4.3BAR 8	VII	38
1934	AUG	20	03	37	25	37.0	89.2		..	G	7	..	.. ..	III*	7
1934	OCT	30	02	25	47	37.5	88.5		..	F	79	..	3.7BAR 8	IV	79
1934	NOV	12	14	45	..	41.5	90.5		..	G	38	..	4.0BAR 8	VI	38
1935	JAN	05	18	40	..	41.5	90.6	*	..	G	129	..	3.4BAR 8	IV	105

ILLINOIS

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1935	JAN	05	18	45	..	41.5	90.6 *	..	G	129	..	.. ..	III	173
1936	DEC	20	22	41	12	37.3	89.5	..	G	105	..	.. ..	II	109
1937	JUN	29	21	45	..	40.7	89.6	..	G	105	..	.. ..	II	105
1937	AUG	05	23	12	..	38.7	90.1	..	H	105	..	.. ..	III	105
1937	NOV	17	17	04	47.7	38.6	89.1	..	C	80	..	4.2BAR 8	V	80
1939	NOV	23	15	14	52.0	38.18	90.14	000	B	214	..	4.9GOR 8	V	38
1941	NOV	15	20	04	..	38.3	90.2	..	G	105	..	.. ..	III	105
1941	NOV	22	21	55	..	37.3	89.5	..	G	105	..	.. ..	III*	105
1942	MAR	01	14	43	06	41.2	89.7	..	C	15	..	4.0BAR 8	IV*	15
1942	MAR	29	12	43	06	37.7	88.6	..	G	105	..	3.2BAR 8	IV	105
1942	AUG	31	09	28	..	37.0	89.2	..	G	105	..	.. ..	IV	105
1944	MAR	16	..	..	..	42.0	88.3	..	G	105	..	.. ..	IV	173
1945	JUL	24	09	00	50	37.7	88.2	..	H	105	..	.. ..	...	..
1945	NOV	13	08	21	..	37.0	89.2	..	G	105	..	4.1BAR 8	IV	105
1946	FEB	25	00	52	..	38.6	89.1	..	G	105	..	3.6BAR 8	IV	19
1947	JAN	16	16	23	..	37.0	89.2	..	G	105	..	.. ..	II*	105
1947	MAR	16	15	30	..	42.1	88.3	..	G	105	..	.. ..	IV	105
1947	JUN	30	04	23	53	38.4	90.2	..	C	20	..	4.2BAR 8	VI	38
1948	JAN	06	01	34	..	38.6	89.1	..	G	105	..	3.3BAR 8	IV*	105
1951	SEP	20	02	38	43	38.7	89.9	..	G	105	..	3.6BAR 8	IV	105
1952	JAN	07	22	21	05	40.2	88.5	..	G	105	..	.. ..	III	105
1953	MAY	06	07	50	..	37.0	89.2	..	G	105	..	.. ..	III	105
1953	MAY	15	23	42	..	37.0	89.2	..	G	105	..	.. ..	III	105
1953	SEP	11	18	26	28	38.8	90.1	..	F	105	..	4.1BAR 8	VI	26
1953	DEC	30	22	..	..	38.6	89.1	..	G	105	..	3.6BAR 8	IV	26
1955	APR	09	13	01	23.3	38.23	89.79	011	B	214	..	4.3GOR 8	VI	28
1955	APR	11	10	50	..	37.7	88.6	..	G	105	..	.. ..	II	28
1955	MAY	29	..	..	..	38.1	88.9	..	G	105	..	.. ..	IV	28
1956	MAR	13	15	05	..	40.5	90.4	..	H	105	..	3.7BAR 8	IV	29
1958	JAN	28	05	56	40	37.1	89.2	..	G	105	..	4.2BAR 8	V	31
1958	NOV	08	02	41	12.6	38.44	88.01	005	C	214	..	4.4GOR 8	VI	31
1962	JUN	27	01	28	59.3	37.90	88.64	007	B	214	..	3.9GOR 2	V	35
1965	AUG	14	05	04	31.3	37.21	89.29	001	A	214	..	2.5GOR 2	...	..
1965	AUG	14	05	46	18.4	37.21	89.29	001	A	214	..	3.0GOR 2	IV	173
1965	AUG	14	05	59	27.0	37.2	89.3	..	B	177	..	2.5SLM 2	...	..
1965	AUG	14	13	13	56.9	37.23	89.31	001	A	214	5.0	3.8SLM 2	VII	75
1965	AUG	15	04	19	01	37.2	89.3	..	B	177	..	3.5SLM 2	V	75
1965	AUG	15	06	07	29.0	37.22	89.30	002	A	214	..	3.1GOR 2	V	113
1965	AUG	15	11	19	38.0	37.2	89.3	..	B	177	..	2.7SLM 2	...	..
1966	JUN	22	11	27	53.0	38.6	88.2	000	C	178	..	3.2SLM 2	...	..
1968	MAR	31	17	58	09.6	38.02	89.85	001	A	214	4.5	3.0GOR 2	...	..
1968	NOV	09	17	01	40.5	37.91	88.37	021	A	214	5.3	5.5SLM 2	VII	41
1968	NOV	09	17	08	17.0	38.0	88.5	000	C	178	..	3.8SLM 2	IV	173
1968	NOV	09	18	45	00	38.0	88.5	..	B	119	..	3.0SLM 2	...	..
1968	NOV	09	..	..	..	38.0	88.5	..	B	113	..	3.8SLM 2	...	..
1968	NOV	11	11	04	20	38.0	88.5	..	A	119	..	3.0SLM 4	...	..
1969	FEB	28	13	10	13.1	37.9	88.9	..	A	119	..	3.2SLM 2	...	..
1970	DEC	08	23	16	..	38.0	89.0	..	F	173	..	3.0BAR 2	...	..
1971	FEB	12	12	44	27.5	38.50	87.85	015	A	214	..	3.1GOR 2	IV	44
1972	SEP	15	05	22	15.9	41.65	89.37	011	A	214	3.7	4.5GOR 2	VI	45
1973	APR	18	12	21	53.1	38.51	90.24	021	A	214	..	2.5SLM 2	...	..
1974	MAR	27	16	10	57.0	38.52	90.16	001	A	214	5.6	2.4SLM 2	II	47
1974	APR	03	23	05	02.8	38.55	88.07	014	A	214	4.5	4.7SLM 2	VI	47
1974	JUN	05	08	06	10.7	38.65	89.91	012	A	214	4.0	3.2GOR 2	V	47
1974	AUG	22	22	33	59.4	38.23	89.73	001	A	214	..	2.9GOR 2	IV	47
1975	MAR	01	18	12	49	41.9	88.0 *	..	F	48	..	.. ..	II	48
1978	FEB	16	09	25	37.0	39.80	88.23	005	B	252	..	2.7SLM 2	...	..

ILLINOIS

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1978	JUN	02	02	07	28.9	38.41	88.46	020	A	214	..	3.2GOR 2	IV	240
1978	AUG	29	07	05	50.6	38.50	88.21	017	A	214	..	2.4SLM 2	II	240
1978	DEC	05	01	48	01.6	38.56	88.37	023	A	214	..	3.5SLM 2	V	240
1980	MAR	13	02	23	13.4	37.90	88.44	020	A	214	..	3.3SLM 2	IV	300
1980	MAR	29	08	43	40.3	37.21	89.06	005	B	300	..	2.9SLM 2	...	..

INDIANA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1827	JUL	05	11	30	..	38.3	85.8	..	G	105	..	4.8BAR 8	V*	105
1827	AUG	07	04	30	..	38.3	85.8	..	G	38	..	.. ..	VI	38
1827	AUG	07	07	..	..	38.3	85.8	..	G	38	..	.. ..	VI	38
1877	MAY	26	21	..	..	38.2	87.9	..	G	105	..	.. ..	III	105
1881	APR	20	..	..	..	41.6	85.8	..	G	105	..	.. ..	IV	105
1886	MAR	01	16	..	..	39.0	85.5	..	G	105	..	.. ..	III	105
1886	AUG	13	..	..	..	39.8	86.1	..	G	105	..	.. ..	III	105
1887	FEB	06	22	15	..	38.7	87.5	..	G	38	..	4.7BAR 8	VI	38
1891	JUL	27	02	28	..	37.9	87.5	..	G	38	..	.. ..	VI	38
1899	APR	30	02	05	..	38.5	87.0	..	G	38	..	4.6BAR 8	VII	38
1902	MAR	10	06	..	..	39.9	85.2	..	G	105	..	.. ..	III	105
1902	MAR	10	11	30	..	39.9	85.2	..	G	105	..	.. ..	III	105
1903	JAN	01	18	30	..	39.9	85.2	..	G	105	..	.. ..	II	105
1903	JAN	01	23	45	..	39.9	85.2	..	G	105	..	.. ..	III	105
1903	SEP	20	..	..	..	39.4	86.3	..	G	105	..	.. ..	IV	105
1903	NOV	20	..	..	..	39.4	86.3	..	G	105	..	.. ..	III*	105
1906	MAY	08	06	58	..	39.5	85.8	..	G	105	..	3.8BAR 8	IV	105
1906	MAY	09	06	38	..	39.2	85.9	..	G	105	..	.. ..	IV	105
1906	MAY	11	06	15	..	38.5	87.2	..	G	38	..	3.8BAR 8	IV	105
1906	AUG	13	13	19	..	39.7	86.8	..	G	105	..	.. ..	IV	105
1906	SEP	07	16	33	..	38.2	87.7	..	G	105	..	.. ..	IV	105
1907	JAN	29	..	..	..	39.5	86.6	..	G	105	..	.. ..	V	105
1909	SEP	22	..	..	..	38.7	86.5	..	G	38	..	3.9BAR 8	V	38
1909	SEP	27	09	45	..	39.5	87.4	..	G	105	..	4.8BAR 8	VII	38
1909	SEP	27	12	00	..	39.5	87.4 *	..	G	109	..	.. ..	III*	109
1916	JAN	07	19	45	..	39.1	87.0	..	G	58	..	3.8BAR 8	III	105
1919	MAY	25	09	45	..	38.5	87.5	..	G	38	..	4.4BAR 8	V	38
1921	MAR	14	12	15	..	39.5	87.5	..	F	113	..	4.4BAR 8	IV	105
1921	MAR	31	20	03	..	37.9	87.8	..	G	105	..	.. ..	IV	105
1922	JAN	11	03	42	..	37.9	87.8	..	G	105	..	4.2BAR 8	V	84
1925	APR	27	04	05	..	38.3	87.6	..	G	105	..	4.8BAR 8	VI	67
1925	APR	27	04	14	..	38.3	87.6 *	..	G	125	..	.. ..	...	..
1925	APR	27	04	30	..	38.3	87.6 *	..	G	125	..	.. ..	...	..
1926	OCT	04	02	20	..	38.3	87.6	..	G	105	..	.. ..	III	105
1929	FEB	14	20	12	..	38.3	87.6	..	H	2	..	3.6BAR 8	IV	105
1931	JAN	06	02	51	..	39.0	87.0	..	H	38	..	3.5BAR 8	V	38
1931	DEC	31	..	..	..	38.5	87.2 x	..	H	105	..	.. ..	II*	105
1938	FEB	12	06	27	..	41.6	87.0	..	G	105	..	4.0BAR 8	V	105
1940	JAN	08	20	05	..	38.3	85.8	..	G	105	..	.. ..	III	105
1940	DEC	29	02	30	..	37.9	87.3	..	G	105	..	3.6BAR 8	III	105
1954	AUG	09	..	..	..	38.5	87.3 x	..	H	105	..	.. ..	IV	105
1968	DEC	11	16	00	..	38.3	85.8	..	F	116	..	.. ..	V	41
1974	NOV	25	23	34	05.1	40.3	87.4	005	B	47	..	2.4SLM 2	II	47
1976	APR	08	07	38	53.0	39.35	86.68	020	B	49	..	3.0GS 2	V	49
1976	JUN	13	18	55	18.5	39.75	86.17*	..	F	49	..	.. ..	II	49
1976	JUN	13	18	58	28.5	39.75	86.17*	..	F	49	..	.. ..	II	49

IOWA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1858	JUL	03	..	..	..	42.5	96.3	*	..	H	251	..	..	..	IV*	251
1905	APR	13	16	30	..	40.4	91.4		..	G	116	..	4.0BAR	8	V	38
1925	JAN	26	08	34	..	42.5	92.4		..	G	105	..	3.2BAR	8	II	105
1935	FEB	26	14	15	..	40.8	91.1		..	G	105	..	..	..	III	105
1938	NOV	08	05	30	..	42.5	90.7		..	G	105	..	..	..	II*	105
1938	NOV	08	07	15	..	42.5	90.7		..	G	105	..	..	..	II*	105
1939	NOV	24	19	45	..	41.6	90.6		..	G	105	..	..	..	III*	12
1948	APR	20	14	16	51	41.7	91.5		..	G	116	..	..	..	IV	105
1974	JAN	07	16	47	..	41.7	93.7	x	..	F	47	..	..	..	IV	47

KANSAS

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1867	APR	24	20	22	..	39.2	96.3		..	G	174	..	5.1BAR	8	VII	38
1875	NOV	08	10	40	..	39.3	95.5		..	G	63	..	4.0BAR	8	V	63
1879	MAR	..	..	..	..	39.6	99.1		..	H	105	..	..	..	IV*	105
1881	MAY	19	15	00	..	39.0	95.2		..	H	105	..	..	..	III	105
1904	OCT	28	04	06	..	37.5	100.2		..	G	105	..	3.8BAR	8	V	63
1904	OCT	28	04	09	..	37.5	100.2	*	..	G	174	..	..	..	IV*	174
1906	JAN	08	00	15	..	39.3	96.6		..	G	63	..	4.9BAR	8	VII	109
1906	JAN	08	00	38	..	39.3	96.6	*	..	G	105	..	..	..	...	..
1906	JAN	08	04	30	..	39.3	96.6	*	..	G	105	..	..	..	...	..
1906	JAN	08	07	00	..	39.3	96.6		..	G	105	..	..	..	III*	105
1906	JAN	08	09	00	..	39.3	96.6		..	G	105	..	..	..	III*	105
1906	JAN	14	15	00	..	39.3	96.6		..	G	105	..	..	..	IV	84
1906	JAN	16	02	40	..	39.3	96.6		..	G	105	..	4.1BAR	8	III	84
1906	JAN	20	05	30	..	39.3	96.6		..	G	105	..	..	..	III	105
1906	JAN	23	13	40	..	39.3	96.6		..	G	63	..	..	..	III	84
1906	JAN	23	14	25	..	39.3	96.6		..	G	105	..	..	..	III	84
1907	JAN	02	07	45	..	37.1	97.0		..	H	105	..	..	..	IV	84
1919	MAY	27	03	06	..	37.7	97.3		..	G	84	..	4.2BAR	8	IV	63
1919	JUL	26	11	00	..	37.7	97.3		..	G	63	..	..	..	III*	63
1919	JUL	26	12	55	..	37.7	97.3		..	G	63	..	3.8BAR	8	IV	174
1927	JAN	07	09	30	..	38.4	97.7		..	G	105	..	3.9BAR	8	IV	109
1927	MAR	18	17	25	..	39.9	95.3		..	G	105	..	..	..	V	38
1928	NOV	08	14	15	..	39.5	98.1		..	G	1	..	..	..	IV	105
1929	SEP	23	10	00	..	39.0	96.6		..	G	2	..	..	..	IV*	2
1929	SEP	23	11	00	..	39.0	96.6		..	G	2	..	4.2BAR	8	V	38
1929	OCT	21	21	25	..	39.2	96.5		..	G	2	..	4.0BAR	8	V	38
1929	OCT	23	..	..	..	39.0	96.8		..	G	2	..	..	..	III	109
1929	NOV	27	04	20	..	37.2	99.7		..	G	2	..	..	..	IV	109
1929	DEC	07	08	02	..	39.2	96.5		..	G	2	..	3.6BAR	8	V	63
1931	AUG	09	06	18	37	39.1	94.7		..	F	105	..	..	..	VI	174
1931	AUG	09	07	07	..	39.1	94.7	*	..	F	105	..	..	..	IV*	63
1931	AUG	09	07	15	..	39.1	94.7	*	..	F	105	..	..	..	IV*	63
1932	JAN	29	00	15	..	39.0	99.6		..	G	105	..	..	..	V	105
1933	FEB	20	17	00	..	39.8	99.8		..	G	63	..	4.0BAR	8	V	63
1942	SEP	10	10	00	..	38.9	99.3		..	G	105	..	..	..	IV	105
1948	APR	03	03	..	..	37.7	97.3		..	G	105	..	..	..	IV	105
1956	JAN	06	11	58	07.4	37.58	98.35		029	C	214	..	4.4GOR	8	VI	29
1961	APR	13	21	14	55.2	39.98	99.77		001	B	214	..	3.7GOR	8	V	34
1975	DEC	04	18	59	59.9	38.24	94.62x		000	A	90	..	3.3SLM	2	...	..
1979	JUN	30	20	46	42.3	39.92	97.29		007	B	214	..	3.3GS	2	VI	262

KENTUCKY

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1779	...	..	..	..	..	37.0	85.0	*	..	I	38	..	.. ..	...	..
1792	APR	13	00	..	..	37.5	87.0	*	..	I	145	..	.. ..	...	..
1817	DEC	12	..	..	..	37.0	85.0	*	..	I	159	..	.. ..	...	..
1827	JUL	05	12	00	..	37.0	85.0	*	..	I	159	..	.. ..	...	..
1834	NOV	20	19	40	..	37.0	85.0	*	..	I	38	..	.. ..	V	38
1839	SEP	05	..	..	..	36.7	88.6		..	H	116	..	.. ..	IV	109
1841	DEC	28	05	50	..	36.6	89.2		..	H	105	..	.. ..	V	38
1842	MAR	28	05	00	..	36.6	89.2		..	H	105	..	.. ..	IV	105
1842	NOV	04	06	30	..	36.6	89.2		..	H	105	..	.. ..	V	105
1842	NOV	04	08	30	..	36.6	89.2		..	H	105	..	.. ..	V	105
1843	JUN	13	15	00	..	36.6	89.2		..	H	105	..	.. ..	III	65
1846	MAR	23	12	45	..	37.0	85.0	*	..	I	159	..	.. ..	V*	159
1849	JAN	24	..	..	..	36.6	89.2		..	H	105	..	.. ..	IV*	159
1850	APR	05	02	05	..	38.2	85.8		..	H	105	..	.. ..	V*	159
1853	AUG	28	..	..	..	36.6	89.2		..	H	105	..	.. ..	III	105
1853	DEC	18	..	..	..	36.6	89.2		..	H	105	..	.. ..	IV*	105
1854	FEB	13	00	..	..	37.2	83.8		..	H	105	..	.. ..	IV*	159
1854	FEB	13	06	00	..	37.2	83.8	*	..	H	159	..	.. ..	IV*	159
1854	FEB	13	11	00	..	37.2	83.8		..	H	105	..	.. ..	IV*	159
1854	FEB	28	..	..	..	37.6	84.5		..	I	105	..	.. ..	IV	105
1857	NOV	09	..	..	..	36.6	89.2	*	..	H	159	..	.. ..	IV*	159
1858	SEP	21	..	..	..	36.5	89.2		..	H	105	..	.. ..	VI*	159
1860	AUG	07	15	30	..	37.8	87.5		..	I	105	..	4.4BAR 8	V	105
1868	NOV	21	..	..	..	36.6	89.2		..	H	105	..	.. ..	III	105
1869	FEB	20	..	..	..	38.1	84.5		..	I	105	..	.. ..	IV*	105
1869	DEC	14	..	..	..	36.6	89.2		..	H	105	..	.. ..	III*	159
1872	MAR	26	..	..	..	37.1	88.6		..	H	105	..	.. ..	III	66
1877	JUN	03	..	..	..	37.5	85.7		..	H	105	..	.. ..	III	105
1878	MAR	12	10	00	..	36.8	89.1		..	H	105	..	4.2BAR 8	V	38
1883	MAY	23	..	..	..	38.4	82.6		..	H	105	..	.. ..	IV	105
1883	MAY	23	04	30	..	38.4	82.6		..	H	105	..	.. ..	IV	105
1883	JUL	14	07	30	..	37.0	89.1		..	G	116	..	4.1BAR 8	V*	105
1898	MAR	30	01	30	..	36.8	85.8		..	H	119	..	.. ..	III	66
1898	JUN	06	08	30	..	37.8	84.3		..	H	105	..	.. ..	III	105
1898	JUN	26	08	30	..	37.8	84.3		..	H	105	..	.. ..	III*	105
1908	DEC	27	..	..	..	37.0	89.0		..	H	105	..	.. ..	IV	105
1908	DEC	27	21	15	..	36.8	87.5		..	H	84	..	4.4BAR 8	IV	105
1908	DEC	31	..	..	..	37.0	88.9		..	H	105	..	.. ..	III	67
1909	OCT	23	02	..	..	38.9	84.5		..	I	105	..	.. ..	III*	105
1913	NOV	11	14	00	..	38.2	85.8		..	H	105	..	.. ..	IV	105
1915	OCT	26	07	40	..	36.7	88.6		..	H	38	..	.. ..	V	38
1915	DEC	07	18	40	..	36.7	89.1		..	G	38	..	4.6BAR 8	V	109
1916	OCT	19	08	..	..	36.7	88.6		..	G	105	..	.. ..	III	67
1916	DEC	19	05	42	..	36.6	89.2		..	G	105	..	.. ..	VI*	109
1919	FEB	11	03	37	..	37.8	87.5		..	H	105	..	3.8BAR 8	IV*	105
1919	MAY	23	12	30	..	36.6	89.2		..	G	105	..	3.9BAR 8	III	67
1919	MAY	24	13	30	..	36.6	89.2		..	G	105	..	3.9BAR 8	III	67
1919	MAY	28	11	30	..	36.6	89.2		..	G	105	..	3.8BAR 8	III	67
1922	MAR	23	21	45	..	37.0	88.9		..	H	105	..	4.3BAR 8	V	38
1923	NOV	28	12	30	..	37.5	87.3		..	I	105	..	.. ..	III	67

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1924	APR	02	11	15	..	37.1	88.6		..	G	105	..	4.4BAR	8	V	38
1925	MAY	13	11	00	..	36.7	88.6		..	H	38	..	3.8BAR	8	V*	38
1925	SEP	02	11	55	..	37.8	87.6		..	G	38	..	4.8BAR	8	VI	113
1925	SEP	20	09	00	..	37.8	87.6	*	..	H	67	..	4.1BAR	8	IV	113
1925	SEP	20	11	00	..	37.8	87.6	*	..	H	109	..	.. ..		III*	109
1928	APR	23	11	00	..	36.6	89.2		..	G	105	..	.. ..		IV	109
1930	AUG	29	06	26	11	37.0	89.1		..	F	3	..	3.9BAR	8	IV	113
1930	SEP	03	12	00	..	37.0	88.9		..	G	105	..	.. ..		III	109
1930	SEP	04	05	30	..	37.0	88.9		..	G	105	..	.. ..		III	109
1931	APR	01	23	20	09	36.9	88.3		..	H	105	..	3.8BAR	8	III	105
1931	APR	06	15	37	03	36.9	89.0		..	H	105	..	3.5BAR	8	IV	105
1933	MAY	28	15	10	..	38.6	83.7		..	H	105	..	3.6BAR	8	IV	6
1936	AUG	02	22	15	..	36.7	89.0		..	H	105	..	4.1BAR	8	III	105
1940	MAY	27	08	30	..	38.2	85.8		..	H	13	..	.. ..		II*	13
1940	MAY	31	19	03	04	37.1	88.6		..	H	105	..	3.6BAR	8	V	105
1941	OCT	21	16	53	..	37.0	89.1		..	F	105	..	3.7BAR	8	IV	105
1943	APR	13	15	00	..	38.2	85.7	x	..	G	16	..	.. ..		IV*	105
1954	JAN	01	02	30	..	37.3	83.2		..	I	116	..	.. ..		IV	26
1954	JAN	02	03	25	..	36.6	83.7		..	F	38	..	.. ..		VI	27
1957	JAN	25	18	15	..	36.6	83.7		..	F	173	..	.. ..		IV	132
1957	MAR	26	08	27	06	37.1	88.6		..	G	105	..	3.3BAR	8	V	30
1962	FEB	16	..	..	..	37.0	88.7		..	F	113	..	.. ..		IV	132
1963	MAR	31	13	31	04	36.9	89.0		..	B	177	..	3.0SLM	2	...	..
1963	AUG	03	00	37	49.1	36.98	88.77		007	A	214	3.6	3.8GOR	2	V	38
1963	DEC	05	06	51	00.5	37.15	86.97		001	B	214	..	.. ..		III	113
1963	DEC	15	05	31	32.9	37.2	87.0		..	D	74	..	.. ..		III	36
1970	JUL	31	00	31	..	37.7	83.4		..	D	203	..	3.5JLM	5	...	..
1971	FEB	19	23	11	41.7	37.13	83.25	x	000	C	74	..	3.0BAR	2	...	..
1972	JUN	19	05	46	15.1	36.93	89.10		006	A	214	4.5	3.2BAR	2	IV	45
1972	JUN	19	16	15	18.8	37.00	89.08		013	B	45	4.5	3.2SLM	1	IV	45
1973	JAN	07	22	56	06.2	37.40	87.22		014	B	214	..	3.2SLM	2	...	..
1974	JUN	05	00	16	40.2	38.48	84.75		010	B	214	..	3.2SLM	2	...	..
1974	JUL	07	17	13	17.7	36.80	89.01		005	A	182	..	2.5SLM	2	...	..
1976	JAN	19	06	20	39.6	36.87	83.86		001	A	201	4.0	3.8BAR	2	VI	49
1976	APR	15	07	03	34.4	37.38	87.31		004	A	214	..	3.3BLA	2	V	49
1978	DEC	05	07	00	38.6	36.81	89.06		005	A	247	..	2.5SLM	2	...	..
1979	NOV	09	21	29	59.8	38.49	82.81		001	A	214	..	3.5SLM	2	V	262
1980	MAR	23	21	38	16.2	37.60	86.76		009	B	214	..	3.3SLM	2	IV	300
1980	JUL	12	23	59	55.4	37.26	86.95		000	B	300	..	3.1SLM	2	...	..
1980	JUL	12	23	59	56.3	37.29	86.99	x	000	B	214	..	3.1GS	2	III	300
1980	JUL	27	18	52	21.4	38.19	83.89		006	A	214	5.1	5.0SLM	2	VII	300
1980	JUL	30	17	01	41.2	38.19	83.92		011	B	300	..	1.3TEC	2	II	300
1980	JUL	31	09	27	02.3	38.19	83.93		019	B	214	..	2.5GS	2	IV	300
1980	AUG	23	03	49	03.7	37.98	84.87		001	B	214	..	3.1SLM	2	III	300
1980	AUG	25	11	41	38.3	38.19	83.79		013	B	214	..	2.5GS	2	IV	300
1980	NOV	27	05	26	54.6	38.31	83.33		005	B	300	..	2.5TEC	2	...	..
1980	DEC	30	03	07	08.1	38.20	83.91		011	B	300	..	1.6TEC	1	III	300

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1843	FEB	14	..	..	..	30.0	90.0	..	H	105	..	.. ..	III*	105
1843	FEB	15	..	..	..	30.0	90.0	..	H	105	..	.. ..	III*	105
1882	APR	12	05	..	..	30.0	90.0	..	H	105	..	.. ..	III	105
1886	JAN	22	16	38	..	30.4	92.0	..	G	105	..	.. ..	II*	105
1905	FEB	03	..	..	..	30.5	91.1	..	G	106	..	.. ..	V*	106
1927	DEC	15	04	30	..	29.0	89.4 *	..	G	105	..	3.9BAR 8	IV	105
1929	JUL	28	17	..	..	29.0	89.4	..	G	105	..	3.8BAR 8	IV	105
1930	OCT	19	12	17	..	30.0	91.0	..	G	3	..	4.2BAR 8	VI	38
1940	DEC	02	16	16	..	33.0	94.0 *	..	G	105	..	.. ..	IV	13
1947	SEP	20	21	30	..	31.9	92.7	..	G	105	..	.. ..	V*	105
1958	NOV	06	23	08	..	30.0	90.0 *	..	G	31	..	.. ..	IV	31
1958	NOV	19	18	15	..	30.3	91.1	..	G	38	..	.. ..	V	38
1959	OCT	15	15	45	..	29.6	93.1	..	H	105	..	3.8BAR 8	IV	32
1959	OCT	15	..	..	..	29.6	93.1	..	H	105	..	.. ..	III*	105
1964	APR	28	21	18	41.0	31.63	93.80	014	A	214	4.4	3.4GOR 2	V	37

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1766	JAN	23	10	00	..	43.7	70.3	..	I	126	..	.. ..	V	76
1766	JAN	24	..	..	..	43.7	70.3	..	I	126	..	.. ..	II	126
1769	OCT	19	..	..	..	43.7	70.3	..	I	126	..	.. ..	IV	76
1769	OCT	19	17	00	..	43.7	70.3	..	I	126	..	.. ..	IV	76
1775	SEP	08	..	..	..	44.1	70.2	..	I	126	..	.. ..	II	126
1802	FEB	21	..	..	..	44.0	69.0	..	I	126	..	.. ..	II	126
1805	FEB	07	..	..	..	44.3	69.8	..	I	126	..	.. ..	II	126
1805	JUN	12	12	30	..	44.5	69.0	..	I	76	..	.. ..	IV	76
1806	JUN	13	..	..	..	44.0	69.9	..	I	126	..	.. ..	II	126
1807	FEB	22	19	00	..	43.7	70.5	..	I	126	..	.. ..	III	76
1807	MAY	06	18	00	..	43.5	70.5	..	I	126	..	.. ..	IV	126
1808	JUN	26	07	55	..	44.4	69.0	..	I	76	..	.. ..	V	78
1814	NOV	29	00	14	..	43.7	70.4	..	I	76	..	.. ..	V	76
1817	MAY	22	20	00	..	45.2	69.3	..	H	126	..	.. ..	V	126
1821	MAY	05	12	30	..	44.8	68.8	..	H	78	..	.. ..	V	78
1823	MAR	07	15	00	..	43.9	70.0	..	H	126	..	.. ..	IV	76
1823	JUN	11	04	50	..	44.8	68.8	..	H	78	..	.. ..	V	78
1828	JUL	25	11	00	..	43.9	70.0	..	H	126	..	.. ..	IV	76
1829	AUG	27	02	00	..	43.9	70.0	..	H	126	..	.. ..	III	76
1829	AUG	27	02	15	..	43.9	70.0	..	H	126	..	.. ..	III	76
1829	AUG	28	04	00	..	44.2	69.8	..	H	126	..	.. ..	IV	76
1847	JAN	20	..	..	..	44.3	68.3	..	H	76	..	.. ..	IV	76
1847	FEB	02	..	..	..	44.2	69.1	..	H	126	..	.. ..	IV	76
1847	FEB	19	..	..	..	44.4	69.0	..	H	126	..	.. ..	III	76
1847	APR	02	02	00	..	43.7	70.7	..	H	126	..	.. ..	III	76
1850	JUL	20	..	..	..	43.7	70.3	..	H	126	..	.. ..	III	76
1851	JAN	04	04	30	..	44.6	69.6	..	H	126	..	.. ..	IV	126
1853	JUN	17	..	..	..	43.7	70.3	..	H	126	..	.. ..	III	76
1853	JUN	20	..	..	..	43.7	70.3 *	..	H	76	..	.. ..	III	76
1853	JUL	17	10	30	..	43.5	70.2	..	H	126	..	.. ..	IV	76
1853	JUL	20	..	..	..	43.7	70.3	..	H	126	..	.. ..	III	76
1855	JAN	19	16	00	..	43.7	70.3	..	H	126	..	.. ..	III	76
1855	JAN	20	01	00	..	43.7	70.3	..	H	126	..	.. ..	III	126
1855	FEB	19	..	..	..	45.0	69.0	..	H	76	..	.. ..	III	76
1855	FEB	23	10	30	..	44.6	69.6	..	H	126	..	.. ..	III	76
1857	DEC	08	20	00	..	46.7	68.0	..	H	126	..	.. ..	IV	126
1857	DEC	23	18	30	..	44.1	70.2	..	H	76	..	.. ..	VI	78
1857	DEC	28	..	..	..	44.1	70.2	..	H	76	..	.. ..	IV	76
1868	MAR	01	..	..	..	44.3	69.7	..	H	126	..	.. ..	III	76
1870	FEB	08	..	..	..	44.1	67.1	..	H	76	..	.. ..	VI	76
1873	JAN	11	10	00	..	43.9	70.0	..	H	126	..	.. ..	III	76
1873	FEB	22	12	30	..	44.9	67.0	..	H	126	..	.. ..	III	76
1873	APR	17	06	00	..	44.5	69.7	..	H	126	..	.. ..	III	76
1873	NOV	13	..	..	..	44.8	68.8	..	H	126	..	.. ..	III	76
1874	FEB	12	11	30	..	43.5	70.5	..	H	126	..	.. ..	II	76
1874	FEB	28	03	40	..	44.8	68.7	..	H	82	..	.. ..	V	38
1876	JAN	16	05	00	..	44.5	69.5	..	H	126	..	.. ..	III	76
1876	NOV	20	..	..	..	44.9	67.0	..	H	126	..	.. ..	II	76
1877	FEB	18	19	20	..	43.7	70.3	..	H	126	..	.. ..	III	76
1880	MAR	29	..	..	..	43.4	70.7	..	H	126	..	.. ..	III	76

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1880	APR	03	07	00	..	46.8	67.9	..		H	126	..	..	..	III	76
1881	JAN	21	02	40	..	44.0	70.0	..		H	38	..	..	..	IV	126
1881	FEB	27	03	55	..	44.3	69.8	..		H	126	..	..	..	III	76
1881	AUG	01	02	45	..	44.8	68.6	..		H	126	..	..	..	III	76
1883	JAN	01	07	58	..	44.6	67.7	..		H	126	..	..	..	IV	76
1883	JAN	01	13	28	..	44.6	67.7	..		H	126	..	..	..	II	76
1885	MAY	03	14	00	..	45.2	69.2	..		H	126	..	..	..	III	76
1888	FEB	01	16	20	..	44.7	70.1	..		H	126	..	..	..	IV	76
1888	AUG	15	01	15	..	44.3	70.0	..		H	126	..	..	..	IV	126
1897	SEP	25	18	05	..	44.7	68.7	..		H	78	..	..	..	V	78
1898	SEP	17	15	54	..	44.3	69.1	..		H	38	..	..	..	IV	82
1899	OCT	05	11	30	..	44.0	69.5	..		H	126	..	..	..	IV	126
1904	MAR	21	06	04	..	45.0	67.2	..		G	38	..	..	..	VII	38
1905	JUL	15	10	10	..	44.3	69.8	..		G	76	..	..	..	VI	126
1906	MAR	04	..	..	..	43.8	70.2	..		H	126	..	..	..	II	126
1906	MAR	18	..	..	..	44.4	70.0	..		H	126	..	..	..	II	126
1906	OCT	19	..	..	..	43.8	68.8	..		H	76	..	..	..	III	76
1906	OCT	20	14	00	..	43.8	68.8	..		G	76	..	..	..	V	76
1906	OCT	21	..	..	..	43.7	70.3	..		G	126	..	..	..	III	76
1907	JUN	29	..	..	..	43.5	70.5	..		G	126	..	..	..	IV	84
1908	JAN	15	..	..	..	43.9	69.9	..		H	126	..	..	..	II	126
1910	JAN	23	01	30	..	43.8	70.4	..		G	38	..	..	..	IV	76
1910	OCT	20	21	50	..	44.3	68.8	..		G	76	..	..	..	IV	76
1911	DEC	17	..	..	..	43.9	69.9	..		H	126	..	..	..	II	126
1912	MAR	20	12	00	..	45.1	67.4	..		G	126	..	..	..	III	76
1912	DEC	11	10	15	..	45.0	68.0	..		G	76	..	..	..	V	82
1914	JAN	13	08	00	..	45.1	67.2	..		G	38	..	..	..	IV	76
1914	FEB	22	00	15	..	45.0	70.5	..		G	82	..	..	..	IV	82
1914	FEB	22	00	20	..	45.0	70.5	..		G	76	..	..	..	IV*	217
1914	FEB	22	00	35	..	45.0	70.5	..		G	76	..	..	..	III*	217
1918	JAN	14	07	20	..	45.0	67.3	..		G	76	..	..	..	IV	76
1918	AUG	21	05	12	..	44.2	70.6	..		G	38	..	..	..	VII	76
1918	AUG	21	07	45	..	44.2	70.6	*	..	G	78	..	..	..	IV	78
1918	DEC	12	03	30	..	44.8	68.8	..		G	126	..	..	..	IV	76
1919	JUL	11	01	40	..	43.9	70.4	..		G	126	..	..	..	IV	76
1919	JUL	23	11	50	..	43.7	70.3	..		G	84	..	..	..	IV	76
1920	JUN	07	08	00	..	43.5	70.5	..		G	126	..	..	..	IV	76
1920	NOV	09	00	40	..	45.0	67.1	..		G	76	..	..	..	IV	76
1921	OCT	10	13	00	..	44.8	67.0	..		G	76	..	..	..	V	76
1922	SEP	09	06	00	..	45.0	67.1	..		G	126	..	..	..	III	76
1925	OCT	18	21	30	..	44.1	70.2	..		G	126	..	..	..	IV	76
1926	MAY	15	11	00	..	43.7	70.2	..		G	126	..	..	..	III	76
1926	MAY	26	05	00	..	44.9	68.7	..		G	126	..	..	..	III	76
1926	AUG	28	21	30	..	44.7	70.0	..		G	38	..	..	..	V	38
1926	NOV	24	19	30	..	45.0	67.5	..		G	76	..	..	..	IV	76
1928	JAN	21	05	30	..	45.3	69.0	..		G	77	..	..	..	IV	77
1928	FEB	08	..	..	..	45.3	69.0	..		G	1	..	..	..	VI	38
1928	FEB	09	..	..	..	45.3	69.0	..		G	77	..	..	..	IV	77
1928	FEB	17	05	29	..	45.3	69.0	..		G	77	..	..	..	III	77
1928	MAR	22	13	30	..	45.3	69.0	..		G	77	..	..	..	IV	77
1928	MAR	28	..	..	..	45.3	69.0	..		G	77	..	..	..	IV	77
1928	MAR	29	..	..	..	45.3	69.0	..		G	77	..	..	..	III	77
1928	AUG	30	09	10	..	44.3	68.6	..		G	1	..	..	..	II	77
1928	NOV	20	02	30	..	45.0	67.2	..		G	1	..	..	..	IV	77
1928	DEC	12	19	07	..	44.6	69.6	..		G	1	..	..	..	II	77
1928	DEC	25	02	00	..	46.2	67.9	..		G	1	..	..	..	II	77

MAINE

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1929	FEB	05	19	09	..	44.0	70.3	..	G	2	..	.. ..	IV	77
1929	MAR	29	00	00	..	45.2	67.3	..	G	2	..	.. ..	II	77
1929	OCT	08	12	20	..	44.0	70.2	..	G	2	..	.. ..	III	77
1929	OCT	08	12	30	..	44.0	70.2	..	G	2	..	.. ..	III*	2
1929	OCT	09	00	30	..	44.5	69.5	..	G	2	..	.. ..	III	77
1929	DEC	05	15	00	..	44.8	69.7	..	G	2	..	.. ..	II	77
1930	MAR	11	23	30	..	44.0	70.0	..	G	3	..	.. ..	II	77
1930	NOV	13	06	00	..	45.0	69.2	..	G	3	..	.. ..	II*	3
1930	DEC	25	..	..	..	44.5	69.6	..	G	3	..	.. ..	II*	3
1934	AUG	02	14	59	..	43.7	70.3	..	G	77	..	.. ..	IV	7
1934	AUG	02	17	50	..	43.7	70.3	..	G	77	..	.. ..	III	7
1934	AUG	03	02	30	..	43.7	70.3	..	G	77	..	.. ..	IV	7
1934	AUG	26	11	36	..	44.9	67.0	..	G	77	..	.. ..	III	7
1935	JAN	15	01	15	..	44.1	70.2	..	G	77	..	.. ..	II	77
1935	MAR	04	02	40	..	44.9	67.0	..	G	77	..	.. ..	II	77
1937	OCT	12	11	00	..	43.3	70.5	..	G	77	..	.. ..	II	77
1938	AUG	22	12	48	09.4	44.89	68.79	005	B	201	..	4.0BAS 2	V	11
1940	MAR	28	11	42	35	44.7	69.9	..	C	77	..	3.8OTT 1	III*	13
1941	JUL	01	16	59	38	43.4	70.2	..	C	77	..	2.0OTT 1	...	..
1941	AUG	30	10	21	25	46.1	67.9	..	C	77	..	3.7OTT 1	III*	14
1942	MAR	08	23	37	58	44.2	70.4	..	D	77	..	.. ..	IV	77
1943	JAN	14	21	32	37.3	45.16	69.33	031	B	201	..	4.3ST 2	V	16
1943	FEB	10	09	45	..	43.7	70.3	..	F	77	..	.. ..	II	77
1943	JUN	12	..	..	..	44.5	68.5	..	F	77	..	.. ..	II	77
1943	DEC	19	09	00	44	44.6	69.6	..	F	77	..	.. ..	IV	126
1945	JUL	15	10	44	59	44.9	67.0	..	F	77	..	.. ..	IV	77
1945	AUG	28	01	37	..	44.9	67.0	..	F	77	..	.. ..	II	77
1945	OCT	23	19	30	..	44.1	70.2	..	F	77	..	.. ..	II	77
1947	DEC	28	19	58	18	45.2	69.3	..	C	77	..	4.5OTT 1	V	20
1948	JAN	06	20	46	51	45.4	69.3	..	C	77	..	4.0OTT 1	IV	77
1948	JAN	06	21	20	..	45.4	69.3	..	F	77	..	.. ..	II	126
1948	NOV	21	15	41	..	44.9	67.0	..	F	77	..	.. ..	III	77
1948	NOV	29	04	56	47	45.2	69.2	..	F	77	..	.. ..	IV	77
1948	NOV	29	11	00	..	45.2	69.2	..	F	126	..	.. ..	III*	21
1949	OCT	05	02	33	47.8	44.84	70.59	020	B	201	..	4.4ST 2	V	22
1951	OCT	28	12	58	..	44.3	70.5	..	G	126	..	.. ..	III	126
1952	FEB	18	20	56	07	46.3	69.4	..	B	77	..	3.3OTT 1	...	..
1957	APR	26	11	40	08.6	43.54	70.26	005	B	201	..	4.7ST 2	VI	30
1958	SEP	19	17	45	..	43.6	70.2	..	F	77	..	.. ..	V	31
1961	DEC	14	01	49	35	43.8	67.8	025	C	221	..	3.9OTT 1	...	..
1962	DEC	01	21	29	23	45.6	69.1	..	D	222	..	3.0OTT 1	II*	222
1966	JUL	24	01	59	58.4	44.5	67.6	..	C	81	..	3.6OTT 1	V	81
1967	APR	28	12	23	31.7	46.3	67.9	..	C	40	..	2.5OTT 1	IV	40
1967	JUL	01	..	..	..	44.4	69.9	..	C	126	..	2.5OTT 1	...	..
1967	JUL	01	..	..	..	44.4	69.9	..	G	126	..	2.5OTT 1	...	..
1967	JUL	01	14	09	07	44.9	69.9	..	C	40	..	2.9ST 2	V	40
1967	JUL	01	15	33	32	44.9	69.9	..	C	40	..	3.2WES 1	III	126
1967	JUL	01	15	55	58.2	44.4	69.9	..	C	40	..	3.3WES 1	III	126
1967	JUL	01	16	00	42	44.9	69.9	..	C	40	..	2.9WES 1	III	126
1967	JUL	01	16	05	39.6	44.35	69.81	007	A	201	..	3.4ST 2	V	40
1967	JUL	01	16	11	18.9	44.4	69.9	..	C	40	..	3.5WES 1	III	126
1967	JUL	01	16	19	32.6	44.4	69.9	..	C	40	..	2.9WES 1	...	..
1968	SEP	23	15	38	50	45.2	69.5	..	C	126	..	3.3OTT 2	...	..
1973	MAR	25	01	49	02	45.4	69.2	010	C	196	..	2.8OTT 1	...	..
1975	OCT	10	04	54	..	44.2	70.2	..	B	126	..	1.9WES 1	IV	126
1975	OCT	10	10	58	..	44.1	70.2	..	B	126	..	2.2WES 1	III	126
1976	APR	15	10	36	04.8	44.24	70.14	000	B	49	..	2.4WES 2	III	49

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1976	DEC	14	12	23	..	47.1	69.1	..	B	126	..	.. ..	II	126
1977	JUL	01	15	53	19.5	42.88	70.06	000	B	210	..	2.6WES 2	...	..
1977	OCT	02	05	51	11.6	45.16	69.06	000	B	200	..	2.6WES 2	...	..
1977	NOV	25	05	13	16.2	45.34	68.03	000	B	200	..	2.6WES 2	...	..
1978	JAN	03	01	43	53.4	43.93	67.58	000	C	242	..	2.5WES 2	...	..
1978	JAN	04	19	28	10.8	44.04	70.51	000	B	240	..	3.2WES 2	IV	240
1978	MAY	16	19	40	26.1	44.39	70.23	000	B	243	..	2.5WES 2	...	..
1978	OCT	29	23	59	42.8	43.94	70.40	000	B	245	..	2.5WES 2	...	..
1978	DEC	20	04	39	01.7	45.04	69.48	000	B	245	..	2.2WES 2	II	245
1979	APR	18	02	34	14.4	43.95	69.75	004	B	262	3.8	4.1OTT 2	V	262
1979	JUL	28	23	29	12.3	43.29	70.44	011	B	262	..	3.5GS 2	IV	262
1980	JAN	14	05	57	43.8	43.82	68.09	010	B	300	..	2.5WES 2	...	..
1980	FEB	09	13	11	36.0	43.56	70.76	000	B	300	..	2.4WES 2	II	300
1980	APR	10	15	36	43.8	44.71	68.36	000	B	300	..	3.0WES 2	III	300
1980	APR	21	13	39	57.5	44.72	68.36	000	B	300	..	2.5WES 2	F	300
1980	MAY	04	08	56	13.1	44.29	69.61	002	B	300	..	2.6WES 2	II	300
1980	MAY	10	12	44	48.3	45.23	69.10	000	B	300	..	2.5WES 2	...	..
1980	JUL	04	11	56	19.0	44.45	69.86	000	B	300	..	2.5WES 2	...	..
1980	AUG	31	08	34	56.0	44.41	69.44	000	B	300	..	2.6WES 2	...	..
1980	SEP	08	05	59	54.9	44.68	69.00	009	B	300	..	3.2WES 2	III	300
1980	NOV	21	04	09	25.8	45.25	70.96	000	B	300	..	2.6WES 2	...	..
1980	NOV	22	21	28	23.2	45.22	69.16	005	B	300	..	2.6WES 2	II	300

MARYLAND

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1758	APR	25	02	30	..	38.9	76.5		..	H	38	..	..	..	...	..
1828	FEB	24	..	..	..	38.9	76.7	*	..	H	59	..	..	..	...	..
1876	JAN	30	02	05	..	38.9	76.5	*	..	G	211	..	..	..	...	..
1876	APR	10	..	..	..	38.5	76.6	*	..	H	211	..	..	..	III*	211
1877	SEP	01	16	..	..	38.7	76.8	*	..	H	84	..	..	..	III*	84
1883	MAR	11	23	57	..	39.5	76.4		..	H	38	..	..	..	IV*	213
1883	MAR	12	05	..	..	39.5	76.4		..	H	38	..	..	..	III*	213
1902	MAR	10	05	..	..	39.6	77.2		..	H	84	..	..	..	III*	84
1902	MAR	11	10	30	..	39.6	77.2		..	H	84	..	..	..	III*	84
1903	JAN	01	17	30	..	39.6	77.2		..	H	84	..	..	..	III*	84
1903	JAN	01	22	45	..	39.6	77.2		..	H	84	..	..	..	II*	84
1906	OCT	13	15	..	..	39.2	76.7	*	..	H	84	..	..	..	III	84
1910	JAN	24	02	20	..	39.6	77.0		..	H	86	..	..	..	II	84
1910	APR	24	02	..	..	39.2	76.7	*	..	H	84	..	..	..	III*	84
1911	APR	08	01	..	..	38.3	75.5	x	..	H	84	..	..	..	IV	84
1911	APR	08	04	11	..	38.3	75.5	x	..	H	84	..	..	..	IV	84
1928	OCT	15	..	..	..	38.3	75.1	*	..	G	1	..	..	..	IV*	1
1930	NOV	01	06	34	..	39.1	76.5	*	..	G	3	..	..	..	IV	84
1930	NOV	01	07	02	..	39.1	76.5	*	..	G	3	..	..	..	III*	84
1939	JUN	22	23	10	..	39.5	76.6	*	..	G	12	..	..	..	III*	12
1939	NOV	18	02	33	..	39.5	76.6	*	..	G	12	..	..	..	IV*	12
1939	NOV	26	05	20	..	39.5	76.6	*	..	G	12	..	..	..	V*	12
1962	SEP	04	23	40	..	39.5	77.7	x	..	G	35	..	..	..	IV	35
1962	SEP	07	14	00	45.9	39.7	78.2		038	C	74	..	..	..	...	..
1978	APR	26	19	30	23.3	39.70	78.24		015	B	240	..	3.1	BLA 2	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1627	...	..	..	..	..	42.6	70.8		..	I	126	..	..	..	VI	76
1638	JUL	01	..	..	..	42.5	70.9		..	I	126	..	..	..	III	76
1639	JAN	25	..	..	..	42.5	70.9		..	I	126	..	..	..	III	76
1643	MAR	15	12	00	..	42.5	70.8		..	I	126	..	..	..	V	76
1643	JUN	11	18	00	..	42.8	70.8		..	H	38	..	..	..	IV	76
1644	MAR	14	..	..	..	41.9	70.6		..	I	126	..	..	..	II	126
1653	NOV	08	..	..	..	42.6	70.9		..	I	126	..	..	..	IV	76
1658	APR	14	..	..	..	42.5	70.9		..	I	126	..	..	..	V	76
1662	FEB	05	23	00	..	41.9	70.6		..	I	126	..	..	..	II	126
1668	APR	03	14	00	..	42.3	71.1		..	I	126	..	..	..	IV	76
1668	JUN	26	..	..	..	42.3	71.1		..	I	126	..	..	..	II	76
1669	NOV	30	..	..	..	42.3	71.1		..	I	126	..	..	..	II	76
1670	...	..	..	..	..	42.3	71.1		..	I	126	..	..	..	II	76
1685	FEB	18	..	..	..	42.6	70.9		..	I	126	..	..	..	IV	76
1701	FEB	10	..	..	..	42.6	70.9		..	I	126	..	..	..	III	76
1701	MAR	08	..	..	..	42.6	70.9		..	I	126	..	..	..	III	76
1705	JUN	27	..	..	..	42.4	71.1		..	I	126	..	..	..	IV	126
1706	...	..	..	..	..	42.3	71.1		..	I	126	..	..	..	II	76
1721	JAN	19	..	..	..	42.3	71.1		..	I	126	..	..	..	II	76
1724	JUN	23	..	..	..	42.3	71.1		..	I	126	..	..	..	II	126
1727	NOV	10	03	40	..	42.8	70.8		..	G	38	..	..	..	VII	78
1727	NOV	10	04	35	..	42.8	70.8	*	..	I	126	..	..	..	IV	126
1727	NOV	10	07	15	..	42.8	70.8	*	..	I	126	..	..	..	IV	126
1727	NOV	14	22	..	..	42.8	70.8		..	H	78	..	..	..	V	126
1727	NOV	18	16	20	..	42.8	70.8	*	..	I	59	..	..	..	V	76
1727	NOV	23	20	30	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1727	NOV	23	21	30	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1727	NOV	24	10	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1727	NOV	27	19	30	..	42.8	70.8	*	..	H	59	..	..	..	III	59
1727	DEC	01	..	..	..	42.8	70.8	*	..	H	126	..	..	..	IV	126
1727	DEC	16	..	..	..	42.8	70.8	*	..	H	126	..	..	..	IV	126
1727	DEC	29	03	30	..	42.8	70.8	*	..	I	59	..	..	..	VI	76
1727	DEC	29	09	00	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1728	JAN	05	03	..	..	42.8	70.8	*	..	H	76	..	..	..	VI	76
1728	JAN	15	02	00	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1728	JAN	18	02	00	..	42.8	70.8	*	..	H	59	..	..	..	IV*	126
1728	JAN	18	..	..	..	42.8	70.8	*	..	H	59	..	..	..	III*	59
1728	JAN	18	..	..	..	42.8	70.8	*	..	H	59	..	..	..	III*	59
1728	JAN	18	..	..	..	42.8	70.8	*	..	H	59	..	..	..	III*	59
1728	JAN	18	..	..	..	42.8	70.8	*	..	H	59	..	..	..	III*	59
1728	FEB	05	02	30	..	42.8	70.8	*	..	I	59	..	..	..	IV	126
1728	FEB	08	11	30	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1728	FEB	09	06	..	..	42.8	70.8	*	..	H	59	..	..	..	IV*	59
1728	FEB	09	..	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1728	FEB	10	18	50	..	42.8	70.8	*	..	H	59	..	..	..	VI	76
1728	FEB	10	20	30	..	42.8	70.8	*	..	H	59	..	..	..	III*	59
1728	MAR	03	05	30	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1728	MAR	11	..	..	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1728	MAR	28	08	..	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1728	MAR	30	18	40	..	42.8	70.8	*	..	H	59	..	..	..	III	126

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1728	MAR	31	02	..	..	42.8	70.8	*	..	H	59	..	..	..	III*	59
1728	APR	01	02	00	..	42.8	70.8	*	..	H	126	..	..	..	II	126
1728	MAY	09	22	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1728	MAY	16	..	..	..	42.8	70.8	*	..	H	126	..	..	..	IV	126
1728	MAY	24	02	40	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1728	MAY	29	01	00	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1728	JUN	02	15	00	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1728	JUN	05	04	00	..	42.8	70.8	*	..	H	126	..	..	..	III	126
1728	JUN	17	08	00	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1728	JUN	19	08	00	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1728	JUN	22	14	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1728	JUL	14	07	00	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1728	JUL	30	15	00	..	42.8	70.8	*	..	H	126	..	..	..	IV	126
1728	AUG	03	..	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1728	SEP	25	..	..	..	42.8	70.8	*	..	H	126	..	..	..	II	126
1729	FEB	10	14	00	..	42.8	70.6		..	H	126	..	..	..	V	126
1729	MAR	30	19	30	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1729	SEP	19	20	30	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1729	OCT	10	21	30	..	42.8	70.8	*	..	H	126	..	..	..	IV	126
1729	NOV	10	03	40	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1729	NOV	25	13	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1729	DEC	09	01	..	..	42.8	70.8	*	..	H	59	..	..	..	V	76
1730	FEB	20	01	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1730	FEB	20	05	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1730	MAR	09	06	45	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1730	APR	24	01	00	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1730	AUG	08	14	00	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1730	AUG	26	13	..	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1730	NOV	17	..	..	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1730	NOV	25	14	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1730	DEC	07	01	20	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1730	DEC	18	03	45	..	42.8	70.8	*	..	H	126	..	..	..	III	126
1730	DEC	22	23	45	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1730	DEC	24	03	30	..	42.8	70.8	*	..	H	59	..	..	..	V	76
1731	JAN	13	00	00	..	42.8	70.8	*	..	H	126	..	..	..	IV	126
1731	JAN	19	00	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1731	JAN	23	05	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1731	MAR	18	22	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1731	JUN	08	14	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1731	JUL	16	10	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1731	SEP	02	02	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1731	OCT	13	04	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1732	FEB	19	00	..	..	42.8	70.8		..	H	59	..	..	..	IV	126
1733	JAN	10	..	..	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1733	MAR	12	..	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1733	OCT	10	..	..	..	42.8	70.8	*	..	H	126	..	..	..	II	126
1733	OCT	31	00	..	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1734	JAN	28	03	20	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1734	JUL	10	20	15	..	42.8	70.8		..	H	59	..	..	..	II	126
1734	OCT	20	15	20	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1734	NOV	23	05	..	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1734	NOV	27	11	..	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1736	FEB	13	22	45	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1736	APR	01	15	30	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1736	JUL	24	14	45	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1736	OCT	12	06	30	..	42.8	70.8	*	..	H	59	..	..	..	IV	126

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1736	NOV	23	07	..	..	42.8	70.8	*	..	H	59	..	..	..	III*	59
1736	NOV	23	11	..	..	42.8	70.8	*	..	H	59	..	..	..	III	126
1737	FEB	17	21	15	..	42.8	70.8	*	..	H	59	..	..	..	IV	76
1737	SEP	20	15	20	..	42.8	70.8	*	..	H	59	..	..	..	V	76
1739	AUG	13	07	30	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1740	DEC	25	11	35	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1741	JAN	29	09	00	..	42.8	70.8	*	..	H	59	..	..	..	II	126
1741	FEB	05	20	50	..	42.8	70.8	*	..	H	59	..	..	..	IV	126
1741	JUN	24	15	35	..	42.2	71.2		..	H	38	..	..	..	V	76
1741	DEC	17	13	00	..	42.3	71.2		..	H	126	..	..	..	IV	76
1744	JUN	13	..	..	..	42.3	71.2		..	I	126	..	..	..	II	126
1744	JUN	14	15	15	..	42.6	70.9		..	H	78	..	..	..	VI	78
1744	JUN	14	22	00	..	42.6	70.9		..	H	126	..	..	..	IV	126
1744	JUN	14	..	..	..	42.6	70.9		..	H	126	..	..	..	II	126
1744	JUN	14	..	..	..	42.6	70.9		..	H	126	..	..	..	II	126
1744	JUN	15	..	..	..	42.6	70.9		..	H	126	..	..	..	II	126
1744	JUL	01	..	..	..	42.5	70.9		..	H	126	..	..	..	V	76
1744	JUL	09	..	..	..	42.5	70.9		..	H	126	..	..	..	III	76
1745	JAN	03	17	00	..	42.8	70.8		..	H	59	..	..	..	III	76
1745	JUN	12	..	..	..	42.3	71.1		..	I	126	..	..	..	II	126
1746	FEB	14	02	00	..	42.3	71.1		..	H	126	..	..	..	III	76
1755	NOV	18	09	11	35	42.7	70.3		..	H	78	..	..	..	VIII	78
1755	NOV	18	10	29	..	42.7	70.3		..	H	126	..	..	..	IV	76
1755	NOV	23	01	27	..	42.7	70.3		..	H	78	..	..	..	V	38
1755	DEC	20	03	00	..	42.7	70.3		..	H	126	..	..	..	IV	126
1756	JAN	02	..	..	..	42.3	71.1		..	H	126	..	..	..	III	76
1756	NOV	16	09	00	..	42.3	71.1		..	H	126	..	..	..	III	76
1756	DEC	05	03	00	..	42.3	71.1		..	H	126	..	..	..	III	76
1757	JUL	08	19	15	..	42.3	71.1		..	H	126	..	..	..	IV	126
1759	FEB	02	07	..	..	42.3	71.0		..	H	126	..	..	..	IV	76
1760	FEB	03	..	..	..	42.3	71.1		..	H	126	..	..	..	II	76
1760	NOV	09	..	..	..	42.3	71.1		..	I	126	..	..	..	III	126
1761	FEB	..	..	..	..	42.3	71.1		..	I	126	..	..	..	III	126
1761	MAR	12	07	15	..	42.5	71.0		..	H	76	..	..	..	V	78
1761	MAR	16	..	..	..	42.3	71.1		..	H	126	..	..	..	IV	76
1766	FEB	02	..	..	..	42.0	68.0		..	I	76	..	..	..	VI	76
1766	JUN	14	..	..	..	42.7	70.9		..	H	76	..	..	..	III	76
1780	NOV	29	..	..	..	42.5	71.0		..	H	126	..	..	..	IV	76
1786	NOV	29	21	00	..	42.4	71.1		..	I	126	..	..	..	III	76
1787	FEB	25	06	00	..	42.4	71.1		..	I	126	..	..	..	III	76
1792	JAN	10	..	..	..	42.5	70.9		..	I	126	..	..	..	II	126
1800	NOV	11	..	..	..	42.3	71.1		..	I	126	..	..	..	III	126
1800	DEC	25	..	..	..	41.9	71.1		..	H	76	..	..	..	VI	76
1803	JAN	18	14	50	..	42.5	70.9		..	H	126	..	..	..	IV	76
1804	FEB	08	..	..	..	42.5	70.9		..	I	126	..	..	..	II	126
1805	APR	06	19	15	..	42.5	70.9		..	H	126	..	..	..	IV	76
1805	APR	25	..	..	..	42.5	70.9		..	I	126	..	..	..	IV	126
1805	MAY	12	..	..	..	42.8	70.8		..	I	126	..	..	..	II	126
1807	JAN	12	..	..	..	42.3	72.6		..	I	126	..	..	..	II	126
1817	SEP	07	..	..	..	42.5	70.9		..	H	126	..	..	..	III	76
1817	OCT	05	16	45	..	42.5	71.2		..	H	38	..	..	..	VI	78
1830	DEC	02	01	00	..	42.5	70.9		..	H	126	..	..	..	III	76
1837	JAN	15	07	00	..	42.5	70.9		..	H	126	..	..	..	IV	76
1846	MAY	30	18	30	..	42.7	70.3		..	H	76	..	..	..	IV	76
1846	AUG	25	09	45	..	42.8	70.6		..	H	76	..	..	..	V	76
1847	AUG	08	15	00	..	41.7	70.1		..	H	78	..	..	..	VI	76
1849	FEB	15	..	..	..	42.1	72.6		..	H	126	..	..	..	III	76

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1849	OCT	08	..	..	..	42.5	71.4		..	H	76	..	..	..	IV	76
1853	AUG	17	..	..	..	41.6	70.9		..	H	126	..	..	..	III	76
1853	SEP	08	04	10	..	41.6	70.9		..	H	126	..	..	..	III	76
1854	JAN	24	12	00	..	42.2	72.3		..	H	126	..	..	..	III	76
1854	JAN	27	12	00	..	42.2	72.3		..	H	126	..	..	..	III	76
1854	FEB	23	05	00	..	42.5	71.1		..	H	126	..	..	..	III	76
1855	JAN	23	20	00	..	42.6	70.4		..	H	76	..	..	..	III	76
1860	MAR	17	02	30	..	42.2	70.5		..	H	76	..	..	..	V	76
1860	MAR	17	03	15	..	42.2	70.5		..	H	76	..	..	..	V	76
1861	MAR	01	..	..	..	42.4	71.1		..	H	126	..	..	..	III	76
1861	MAR	01	..	..	..	42.4	71.1	*	..	H	76	..	..	..	III	76
1862	FEB	04	12	30	..	42.5	71.2		..	H	76	..	..	..	III	76
1870	OCT	23	11	30	..	42.1	72.6		..	H	126	..	..	..	III	76
1873	JUL	16	..	..	..	42.3	71.8		..	H	126	..	..	..	II	76
1874	JAN	25	17	00	..	42.6	71.4		..	H	126	..	..	..	II	76
1874	NOV	24	..	..	..	42.7	70.9		..	H	76	..	..	..	IV	76
1875	MAY	15	15	15	..	42.4	71.1		..	H	126	..	..	..	II	76
1875	NOV	01	02	18	..	42.4	71.1		..	H	126	..	..	..	II	76
1877	SEP	10	07	00	..	42.4	71.1		..	H	126	..	..	..	III	76
1880	MAY	12	12	45	..	42.8	70.9		..	H	38	..	..	..	V	126
1881	FEB	02	09	00	..	42.3	71.1		..	H	126	..	..	..	II	76
1881	FEB	03	09	00	..	42.0	70.7		..	H	126	..	..	..	II	76
1881	JUN	19	08	25	..	42.8	70.9		..	H	126	..	..	..	IV	76
1881	DEC	16	21	00	..	42.3	71.1		..	H	126	..	..	..	III	76
1884	AUG	08	..	..	..	41.3	70.2		..	H	126	..	..	..	II	126
1884	OCT	10	..	..	..	42.3	71.1		..	H	126	..	..	..	II	76
1884	DEC	04	05	18	..	42.3	72.7		..	H	126	..	..	..	II	76
1888	JAN	30	..	..	..	41.7	71.2		..	I	126	..	..	..	II	126
1891	JAN	15	..	..	..	42.6	71.8		..	H	126	..	..	..	II	126
1893	MAR	14	..	..	..	42.3	72.7		..	I	126	..	..	..	IV	126
1893	JUN	25	..	..	..	41.9	70.9		..	I	126	..	..	..	II	126
1893	AUG	02	..	..	..	41.7	70.9		..	I	126	..	..	..	II	126
1900	APR	03	..	..	..	41.7	70.9		..	I	126	..	..	..	II	126
1901	DEC	09	..	..	..	42.5	71.3	*	..	H	84	..	..	..	III*	84
1901	DEC	10	..	..	..	42.0	70.3	*	..	H	84	..	..	..	III*	84
1903	JAN	21	..	..	..	42.1	70.9	x	..	H	38	..	..	..	V	38
1903	JAN	22	..	..	..	42.0	71.3	x	..	H	126	..	..	..	IV	76
1903	APR	24	12	30	..	42.7	71.0		..	H	38	..	..	..	IV	76
1905	FEB	05	..	..	..	42.8	70.8		..	I	126	..	..	..	II	126
1907	OCT	16	00	10	..	42.8	71.0		..	H	38	..	..	..	V	38
1908	FEB	05	07	00	..	42.3	71.2		..	F	126	..	..	..	III	76
1909	AUG	16	01	30	..	42.3	71.2		..	H	126	..	..	..	III	76
1910	AUG	21	18	45	..	42.7	71.1		..	I	126	..	..	..	IV	76
1911	FEB	06	23	36	..	42.4	71.1		..	H	126	..	..	..	II	76
1913	MAR	31	16	00	..	42.3	71.8		..	H	126	..	..	..	II	76
1914	JAN	14	00	..	..	42.3	71.2		..	H	126	..	..	..	III	76
1915	FEB	21	01	59	..	42.8	71.1	*	..	H	216	..	..	..	III	216
1915	FEB	21	02	..	..	42.8	71.1	*	..	H	216	..	..	..	II	216
1915	FEB	21	02	21	..	42.8	71.1	*	..	H	216	..	..	..	IV	216
1915	FEB	21	02	30	..	42.8	71.1	*	..	H	216	..	..	..	IV	216
1915	FEB	21	02	45	..	42.8	71.1	*	..	H	216	..	..	..	II	216
1921	JUL	29	21	14	..	42.5	70.4		..	I	126	..	..	..	IV	76
1923	...	..	..	..	..	42.8	71.0		..	H	126	..	..	..	II	76
1925	JAN	07	13	07	..	42.6	70.6		..	C	38	..	..	..	V	38
1925	APR	24	07	56	..	41.8	70.8		..	H	38	..	..	..	V	38
1925	MAY	04	17	51	..	42.5	70.9		..	H	126	..	..	..	IV	76
1925	NOV	23	05	00	..	41.8	71.3		..	H	76	..	..	..	III	76

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1926	JAN	21	19	57	..	42.4	71.1	..	H	76	..	.. ..	III	76
1926	MAR	04	21	00	..	42.5	70.9	..	H	126	..	.. ..	II	76
1926	OCT	25	01	52	..	42.1	71.0	..	H	126	..	.. ..	III	76
1927	AUG	20	..	..	..	42.3	71.0	..	H	76	..	.. ..	IV	76
1929	SEP	17	04	45	..	42.2	71.0	..	H	2	..	.. ..	II	77
1930	MAR	27	19	30	..	42.1	72.7	..	D	3	..	.. ..	III	77
1930	AUG	01	02	00	..	41.5	70.8	..	D	3	..	.. ..	III	77
1931	MAY	04	10	17	..	42.4	72.5	..	D	77	..	.. ..	III	77
1932	JUL	20	23	30	..	42.2	73.2	..	D	77	..	.. ..	II	77
1933	JAN	17	05	30	..	41.7	71.0	..	D	77	..	.. ..	III	77
1934	AUG	02	14	58	..	42.6	70.7	..	D	77	..	.. ..	IV	7
1935	JAN	30	20	20	..	42.6	71.3	..	D	77	..	.. ..	II	77
1935	APR	24	01	24	..	42.2	70.2	..	D	8	..	.. ..	IV	8
1938	JUN	23	03	57	55.9	42.60	71.42	000	A	303	..	2.7MIT 6	V	303
1939	FEB	01	10	37	37	42.6	71.4	..	F	77	..	.. ..	II	77
1940	JAN	02	02	05	44	42.5	71.5	..	F	77	..	.. ..	III	77
1940	JAN	28	23	11	51	41.6	70.8	..	F	38	..	2.7ST 2	V	38
1940	DEC	03	17	34	43	42.5	69.4	..	F	51	..	.. ..	II	126
1940	DEC	03	17	35	45	42.5	69.4	..	F	51	..	.. ..	II	126
1941	OCT	11	08	15	34	42.3	72.3	..	C	77	..	3.0OTT 1	IV	126
1942	JUN	14	11	04	..	42.4	70.7	..	G	82	..	.. ..	II	126
1942	JUN	14	16	30	..	42.4	70.7	..	G	82	..	.. ..	II	126
1942	JUN	14	19	52	..	42.4	70.7	..	G	82	..	.. ..	II	126
1943	MAR	31	11	30	..	42.3	72.6	..	F	77	..	.. ..	II	77
1951	MAR	31	03	50	37	42.2	72.2	..	C	24	..	.. ..	IV	77
1951	SEP	21	17	23	..	41.3	70.1	..	H	77	..	.. ..	IV*	24
1954	FEB	13	..	..	..	42.2	72.6	..	G	126	..	.. ..	IV	126
1954	FEB	13	..	..	..	42.2	72.6	..	G	126	..	.. ..	IV	126
1954	JUL	29	19	56	56.0	42.81	70.70	001	B	201	..	4.0OTT 1	V	27
1954	OCT	07	..	..	..	42.7	71.3	..	G	77	..	.. ..	IV*	27
1954	OCT	07	..	..	..	42.7	71.3 *	..	G	27	..	.. ..	III*	27
1954	OCT	07	..	..	..	42.7	71.3 *	..	G	27	..	.. ..	III*	27
1956	SEP	21	17	00	..	41.8	71.2	..	G	77	..	.. ..	II	77
1963	JUN	01	..	..	..	42.6	73.0	..	G	126	..	.. ..	II	126
1963	OCT	16	15	30	59.7	42.40	70.42	014	A	201	..	3.9ST 2	VI	36
1963	OCT	17	12	45	..	42.7	71.5	..	G	126	..	.. ..	III	36
1963	OCT	18	..	..	..	42.5	70.3	..	G	126	..	.. ..	II	126
1963	OCT	24	..	..	..	42.6	70.0	..	G	126	..	.. ..	II	126
1963	OCT	30	22	36	57.9	42.7	70.8	..	B	36	..	.. ..	VI	36
1963	NOV	05	..	..	..	42.4	70.3	..	G	126	..	.. ..	II	126
1965	OCT	24	17	45	..	41.3	70.1	..	G	38	..	.. ..	V	75
1965	OCT	24	19	00	..	41.3	70.1	..	G	126	..	.. ..	III*	75
1967	MAY	15	22	47	..	42.3	69.9	..	C	126	..	3.2WES 1	...	..
1971	OCT	21	00	54	46.2	42.7	71.2	..	F	126	..	.. ..	V	44
1974	DEC	22	20	46	..	42.4	69.8	..	C	126	..	3.0WES 1	...	..
1974	DEC	27	04	29	..	42.3	71.3	..	C	126	..	2.5WES 1	...	..
1975	AUG	03	01	03	22.0	42.67	70.85	005	B	48	..	2.4WES 2	III	48
1976	MAR	04	16	20	36.2	41.42	70.34	..	B	100	..	2.7CON 2	...	..
1976	MAR	14	23	12	23.8	41.55	69.86	006	B	317	..	3.0CON 2	V	49
1976	MAY	10	01	34	20.5	41.54	71.01	000	B	49	..	2.7CON 2	V	49
1977	APR	06	20	31	57.8	41.01	70.43	..	C	209	..	2.5WES 2	...	..
1977	DEC	20	17	44	23.8	41.79	70.68	000	B	39	..	3.1WES 2	V	39
1977	DEC	20	22	44	44.5	41.81	70.78	000	B	39	..	2.0WES 2	III	39
1978	SEP	01	03	33	43.6	42.48	71.46	000	B	240	..	2.0WES 2	III	240
1980	NOV	23	00	39	32.0	42.63	71.36	002	A	303	..	2.5WES 2	V	300

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1793	APR	20	..	..	..	46.8	89.8	..	H	326	..	.. ..	F	326
1872	FEB	06	14	00	..	46.9	88.9	..	G	202	..	.. ..	IV	105
1876	JAN	27	..	..	..	41.9	84.1	..	H	105	..	.. ..	III	105
1876	FEB	27	..	..	..	42.4	83.2	..	H	105	..	.. ..	III	105
1877	AUG	17	16	50	..	42.4	83.2	..	G	105	..	.. ..	IV	105
1897	OCT	31	..	..	..	41.8	86.3	..	G	116	..	.. ..	...	..
1899	OCT	11	02	00	..	42.1	86.5	..	G	105	..	3.6BAR 8	IV	105
1905	JUN	04	..	..	..	46.3	84.4	..	H	105	..	.. ..	...	..
1905	JUL	27	00	20	..	47.24	88.45*	..	F	326	..	4.5FRN 8	VII*	38
1905	JUL	27	02	20	..	47.24	88.45*	..	F	326	..	.. ..	...	..
1906	FEB	09	..	..	..	47.1	88.6 x	..	G	105	..	.. ..	...	..
1906	APR	20	..	..	..	47.1	88.6 x	..	G	105	..	.. ..	...	..
1906	MAY	19	09	20	..	42.9	85.7	..	H	105	..	.. ..	III*	105
1906	MAY	25	13	10	..	47.1	88.6	..	G	105	..	.. ..	...	..
1906	MAY	26	14	42	..	47.10	88.64	..	G	326	..	3.6FRN 8	VIII	38
1906	AUG	08	..	..	..	47.3	88.4	..	G	116	..	4.1BAR 8	IV*	130
1906	NOV	09	..	..	..	47.1	88.6	..	G	105	..	.. ..	...	..
1909	JAN	23	03	15	..	47.1	88.6	..	G	105	..	.. ..	V	38
1909	JAN	23	03	17	..	47.1	88.6	..	G	105	..	.. ..	...	..
1909	JAN	23	07	00	..	47.1	88.6	..	G	105	..	.. ..	...	..
1915	MAR	03	07	45	..	47.3	88.4	..	G	105	..	.. ..	III	116
1915	OCT	04	14	02	..	47.3	88.4	..	G	105	..	.. ..	V	105
1918	FEB	22	..	..	..	42.8	84.2	..	H	105	..	.. ..	IV	105
1918	OCT	01	07	38	..	47.3	88.4	..	G	105	..	.. ..	III	105
1922	MAR	16	09	30	..	43.0	82.5	..	G	105	..	.. ..	III	105
1930	JAN	24	03	45	..	46.4	84.3	..	G	3	..	.. ..	III	105
1930	NOV	20	..	..	..	42.6	83.4	..	G	77	..	.. ..	III	77
1933	JAN	29	11	..	..	46.4	85.5	..	G	105	..	.. ..	II	6
1934	MAY	07	07	31	..	46.4	87.6 x	..	F	7	..	.. ..	...	..
1935	OCT	..	17	15	..	46.5	87.6	..	G	105	..	.. ..	II*	8
1935	OCT	31	04	30	..	46.5	87.6 *	..	G	8	..	.. ..	II	8
1938	MAR	13	16	10	..	42.4	83.2	..	G	105	..	.. ..	IV	105
1939	JUL	18	..	..	..	45.7	87.1	..	G	105	..	.. ..	III*	105
1939	AUG	01	..	..	..	45.7	87.1	..	G	105	..	.. ..	III*	105
1939	NOV	07	10	00	..	45.7	87.1	..	G	105	..	.. ..	III*	105
1944	NOV	16	18	35	..	45.7	87.1	..	G	105	..	.. ..	III	105
1944	NOV	16	18	49	..	45.7	87.1	..	G	105	..	.. ..	III*	17
1944	DEC	10	11	00	..	45.7	87.1	..	G	105	..	.. ..	IV	105
1945	MAY	18	14	26	..	45.7	87.1	..	G	105	..	.. ..	II	105
1947	AUG	10	02	46	41.3	41.93	85.00	002	B	214	..	4.6GOR 8	VI	20
1955	JAN	05	20	30	..	47.3	88.4	..	G	105	..	.. ..	IV	28
1955	JAN	07	05	30	..	47.1	88.6	..	G	105	..	.. ..	V	28
1964	OCT	10	08	30	01.1	47.40	89.92x	000	A	214	..	3.0BAR 2	...	..
1964	OCT	10	11	30	00.9	47.35	90.28x	000	A	214	..	3.0BAR 2	...	..
1966	JUL	07	10	00	00.0	47.5	88.9 x	000	B	74	..	.. ..	...	..
1966	JUL	08	08	30	00.0	47.5	88.9 x	000	B	74	..	.. ..	...	..
1966	JUL	08	09	30	00.0	47.5	88.9 x	000	B	74	..	.. ..	...	..
1966	JUL	09	08	30	00.0	47.5	88.9 x	000	B	74	..	.. ..	...	..
1966	JUL	09	09	30	01.0	47.52	88.95x	000	B	214	..	.. ..	...	..
1966	JUL	10	08	30	00.0	47.5	88.9 x	000	B	74	..	.. ..	...	..

MICHIGAN

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1966	JUL	10	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	11	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	11	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	12	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	12	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	13	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	13	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	14	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	14	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	15	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	15	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	18	09	00	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	18	10	00	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	19	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	19	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	20	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	20	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	21	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	21	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	22	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	22	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	23	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	23	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	24	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	24	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	25	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	25	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	26	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	27	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	27	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	28	08	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1966	JUL	28	09	30	00.0	47.5	88.9	x 000	B	74	..	.. ..	...	..
1967	FEB	02	06	30	..	42.7	84.6	x ..	G	105	..	.. ..	IV	40
1968	OCT	31	..	..	..	43.0	83.0	..	G	120	..	.. ..	III	116
1977	OCT	26	23	14	32	47.1	87.1	..	B	326	..	2.7FRN 2	...	..

MINNESOTA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1860	...	..	..	..	..	46.0	94.8	..	I	105	..	.. ..	VII	105
1865	...	..	..	..	..	44.4	93.9	..	H	105	..	.. ..	V*	105
1880	DEC	28	07	15	..	49.0	97.2	..	H	105	..	.. ..	III*	105
1917	FEB	06	17	26	..	47.9	95.0	..	H	105	..	.. ..	IV	105
1917	SEP	03	21	30	..	46.3	94.5	..	G	38	..	4.3BAR 8	VI	38
1928	DEC	23	06	10	..	47.6	93.9	..	G	105	..	.. ..	IV	105
1939	JAN	28	17	55	..	46.8	95.8	..	G	105	..	4.1BAR 8	IV	12
1950	FEB	15	10	05	..	46.1	95.2	..	G	105	..	3.6BAR 8	V	23
1964	SEP	28	15	41	..	44.0	96.4	..	D	173	..	3.4BAR 2	...	..
1975	JUL	09	14	54	21.3	45.50	96.10	008	A	214	5.0	4.6GOR 2	VI	48
1979	MAR	05	12	27	56.1	45.78	95.13	005	C	204	..	2.6MIN 4	...	..
1979	APR	16	06	40	16.7	46.70	95.54	020	B	262	..	3.1MNN 2	...	..

MISSISSIPPI

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1923	MAR	27	08	00	..	34.6	89.8	..	H	105	..	3.9BAR 8	IV	105
1927	NOV	13	16	21	..	32.8	90.2	..	G	105	..	3.8BAR 8	IV	105
1931	DEC	17	03	36	..	33.8	90.1 *	..	C	4	..	4.7BAR 8	VI	4
1941	JUN	28	18	30	..	32.4	90.9 *	..	G	14	..	.. ..	III*	14
1955	FEB	01	14	45	..	30.4	89.1	..	G	38	..	4.4BAR 8	V	38
1964	OCT	22	16	00	01.3	31.18	89.59x	000	A	214	..	4.6ISC 4	VI*	320
1967	JUN	04	16	14	12.6	33.55	90.84	006	B	214	3.8	4.4GOR 2	VI	40
1967	JUN	29	13	57	06.5	33.55	90.81	002	B	214	3.4	3.8GOR 2	V	40
1973	JAN	08	09	11	37.9	33.80	90.52	005	B	214	..	2.8GOR 2	III	173
1973	MAY	25	14	40	15.8	33.94	90.63	005	B	214	..	2.9GOR 2	III	173
1975	SEP	09	11	52	46.2	30.47	89.15	006	C	214	..	2.9TUL 2	IV	48
1976	OCT	23	00	40	59.2	32.00	88.98	010	C	214	..	3.1GOR 2	...	..
1977	NOV	04	11	21	10.2	33.93	89.17	016	B	214	..	3.4SLM 2	IV	39
1978	JUN	09	23	15	19.6	32.04	88.60	002	B	214	..	3.3GS 2	...	..
1978	DEC	11	02	06	50.1	31.91	88.47	003	B	214	..	3.5GS 2	V	240
1980	OCT	12	11	34	16.1	34.26	89.13	005	B	300	..	2.6SLM 2	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1812	JAN	23	15	00	..	36.6	89.6		..	G	38	..	7.1NU	4	XI*	172
1812	JAN	23	19	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	24	04	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	24	11	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	25	04	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	25	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	26	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	27	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	27	14	50	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	28	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	29	03	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	29	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	29	17	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	30	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	30	21	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	31	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	JAN	31	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	01	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	02	08	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	02	15	00	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	02	18	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	03	04	45	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	03	06	36	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	03	12	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	03	14	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	03	20	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	04	21	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	04	22	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	05	14	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	05	17	15	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	05	19	45	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	05	20	37	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	05	22	48	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	06	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	07	02	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	07	09	15	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	07	09	45	..	36.6	89.6		..	G	38	..	7.4NU	4	XI*	114
1812	FEB	07	11	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	07	18	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	07	21	45	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	08	02	10	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	08	04	10	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	08	08	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	08	18	05	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	09	02	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	09	03	25	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	09	04	40	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	09	14	45	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	09	21	48	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	09	22	10	..	36.6	89.6	*	..	H	143	..	..	..	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1812	FEB	10	15	08	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	10	16	13	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	10	16	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	10	17	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	10	17	50	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	10	21	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	11	02	25	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	11	07	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	11	11	40	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	11	12	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	11	16	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	11	18	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	12	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	13	00	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	13	15	19	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	13	16	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	13	18	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	14	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	14	16	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	14	18	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	15	17	20	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	15	18	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	15	21	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	16	15	15	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	16	18	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	17	04	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	17	10	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	17	17	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	17	21	07	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	18	20	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	19	14	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	20	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	21	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	21	04	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	21	05	50	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	21	17	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	22	02	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	22	09	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	22	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	23	06	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	23	22	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	24	02	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	24	06	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	24	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	25	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	25	15	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	26	16	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	27	14	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	27	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	28	10	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	28	16	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	28	19	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	29	..	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	29	14	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	FEB	29	14	30	..	36.6	89.6	*	..	H	143	..	..	..	...	..
1812	MAR	01	00	..	..	36.6	89.6	*	..	H	143	..	..	..	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)		HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1812	MAR	01	15	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	01	20	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	02	20	35	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	03	02	35	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	03	12	30	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	03	14	35	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	03	20	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	03	21	30	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	04	..	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	04	16	30	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	04	23	25	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	05	12	10	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	05	16	36	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	05	18	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	05	21	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	06	09	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	06	17	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	06	21	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	07	01	35	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	07	14	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	07	17	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	08	14	30	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	08	15	36	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	08	18	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	09	02	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	09	03	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	09	13	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	09	18	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	10	12	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	10	16	25	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	10	18	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	10	21	20	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	11	01	20	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	11	08	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	11	15	20	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	11	16	00	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	11	18	25	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	12	..	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	12	12	50	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	12	13	08	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	12	14	20	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	13	00	30	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	13	02	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	13	20	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	14	16	40	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	15	03	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	15	..	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	16	15	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	17	15	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	18	14	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	19	14	10	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	19	..	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	19	..	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	20	14	00	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	20	15	20	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	21	17	35	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	MAR	22	06	00	..	36.6	89.6	*	..		H	143	..	..	..	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1812	MAR	22	14	25	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	22	16	05	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	22	21	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	23	16	25	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	23	20	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	24	06	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	24	13	20	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	25	13	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	27	20	20	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	28	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	29	13	30	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAR	30	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	01	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	02	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	03	17	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	04	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	05	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	06	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	07	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	08	12	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	08	21	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	08	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	09	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	10	17	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	11	14	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	12	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	13	15	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	14	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	15	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	16	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	17	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	18	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	19	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	20	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	21	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	22	12	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	23	04	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	23	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	24	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	25	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	26	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	27	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	28	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	28	13	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	28	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	29	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	APR	30	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAY	01	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAY	02	14	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAY	03	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAY	04	14	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAY	04	16	25	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	MAY	05	13	10	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	JUN	25	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	JUN	26	14	00	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	SEP	15	..	..	..	36.6	89.6 *	..	H	143	..	.. ..	...	..
1812	NOV	09	22	..	..	36.6	89.6 *	..	H	143	..	.. ..	VI*	143

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)		HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1812	DEC	14	..	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1812	DEC	22	21	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1813	MAR	07	04	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1813	DEC	12	16	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1813	DEC	12	21	..	..	36.6	89.6	*	..		H	143	..	..	..	...	..
1816	JUL	25	15	..	..	36.6	89.6	*	..		G	109	..	..	..	IV*	109
1816	JUL	25	21	..	..	36.6	89.6	*	..		G	109	..	..	..	IV*	109
1816	DEC	..	06	..	..	36.6	89.5		..		H	105	..	..	..	III	105
1818	MAR	..	..	..	..	36.1	89.7		..		G	105	..	..	..	IV*	105
1818	APR	11	20	00	..	38.6	90.2		..		G	105	..	..	..	III*	109
1819	SEP	02	08	30	..	37.7	89.7		..		G	105	..	4.2BAR	8	V	173
1820	SEP	..	..	..	..	36.6	89.5		..		G	105	..	..	..	IV*	105
1827	AUG	14	..	..	..	38.6	90.2		..		G	105	..	..	..	III	105
1846	MAR	26	17	25	..	36.6	89.6		..		G	105	..	..	..	III	113
1856	NOV	09	..	..	..	36.6	89.5		..		G	105	..	4.4BAR	8	IV	109
1857	FEB	..	..	..	..	36.6	89.5		..		G	105	..	..	..	IV	105
1865	SEP	07	14	15	..	36.6	89.5		..		G	105	..	..	..	IV*	105
1872	JUL	09	02	30	..	39.8	93.5		..		G	105	..	..	..	IV	173
1878	NOV	19	05	52	..	36.7	89.3		..		G	105	..	4.9BAR	8	VI	109
1882	JUL	20	10	00	..	36.9	89.2		..		G	105	..	..	..	V	109
1882	JUL	28	..	..	..	37.6	90.6		..		G	105	..	4.1BAR	8	III*	109
1882	NOV	16	03	15	..	38.6	90.2		..		G	105	..	..	..	III	109
1883	JAN	10	18	..	..	36.5	92.9		..		H	84	..	..	..	III*	84
1884	FEB	15	12	00	..	37.7	90.7		..		G	105	..	..	..	III	109
1885	FEB	21	..	..	..	37.2	94.3		..		G	105	..	..	..	III	109
1895	OCT	18	06	10	..	36.6	89.5		..		G	105	..	..	..	III	105
1895	OCT	18	09	00	..	36.6	89.5		..		G	105	..	..	..	III	105
1895	OCT	31	11	08	..	37.0	89.4		..		G	38	..	6.2BAR	8	IX	113
1895	NOV	02	02	16	..	37.0	89.4		..		G	113	..	..	..	IV	105
1895	NOV	02	08	00	..	37.0	89.4		..		G	105	..	..	..	III*	105
1895	NOV	02	17	00	..	37.0	89.4		..		G	105	..	..	..	III*	105
1895	NOV	17	..	..	..	37.0	89.4		..		G	105	..	..	..	III*	105
1897	DEC	02	07	10	..	39.1	94.5	*	..		H	63	..	4.5BAR	8	IV	105
1899	DEC	01	18	50	..	36.9	94.4		..		G	105	..	..	..	IV	105
1901	JAN	04	03	12	..	37.9	94.0		..		G	105	..	3.8BAR	8	V	105
1901	FEB	15	00	15	..	36.0	90.0		..		G	113	..	4.2BAR	8	IV	105
1902	JAN	24	10	48	..	38.6	90.3		..		G	38	..	4.7BAR	8	VI	38
1903	OCT	05	02	56	..	37.0	90.0		..		H	105	..	4.6BAR	8	V	109
1903	NOV	04	18	18	..	36.9	89.3		..		G	105	..	4.9BAR	8	VII*	38
1903	NOV	04	19	14	..	36.9	89.3		..		G	105	..	..	..	VI	113
1903	NOV	24	15	20	..	36.6	89.5		..		G	105	..	..	..	III	105
1903	NOV	25	..	..	..	36.6	89.5		..		G	105	..	..	..	III	67
1905	AUG	22	05	08	..	36.8	89.6		..		H	105	..	4.8BAR	8	VII*	105
1906	FEB	24	05	15	..	39.7	92.3		..		G	105	..	..	..	III	105
1906	MAR	06	..	..	..	39.7	91.4		..		G	105	..	..	..	IV	109
1906	NOV	24	05	15	..	39.7	92.3		..		G	105	..	..	..	III	105
1907	JUL	04	09	20	..	37.8	90.4		..		G	105	..	3.4BAR	8	IV	38
1907	DEC	11	04	32	..	38.6	90.2		..		G	105	..	..	..	IV	109
1908	SEP	28	19	34	..	36.6	89.6		..		G	105	..	4.0BAR	8	IV	105
1908	NOV	12	12	00	..	38.7	93.2	x	..		G	105	..	3.8BAR	8	IV	109
1909	OCT	22	22	00	..	37.6	90.6		..		G	105	..	..	..	IV	105
1909	OCT	23	07	10	..	37.0	89.5		..		G	38	..	4.6BAR	8	V	38
1911	FEB	28	09	00	..	38.7	90.3		..		G	105	..	..	..	IV	109
1911	FEB	28	11	00	..	38.7	90.3		..		G	105	..	..	..	IV	109
1916	MAY	21	18	24	..	36.6	89.5		..		G	105	..	4.1BAR	8	IV	109
1916	MAY	21	18	45	..	36.6	89.5		..		G	105	..	..	..	IV	105

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1917	MAY	08	..	..	..	36.8	90.4	*	..	G	67	..	..	..	III	67
1917	MAY	09	09	00	..	36.8	90.4		..	G	105	..	3.9	BAR 8	III	84
1917	MAY	09	15	00	..	36.8	90.4		..	G	113	..	..	..	III	67
1917	JUN	09	13	14	..	36.8	89.4		..	G	105	..	4.3	BAR 8	IV	109
1918	JUL	01	19	02	..	39.7	91.4		..	G	105	..	..	..	IV	109
1919	MAY	26	13	25	..	36.8	89.2		..	G	105	..	3.8	BAR 8	III	67
1920	FEB	29	03	02	..	37.2	93.3		..	G	105	..	4.3	BAR 8	IV	109
1920	MAY	01	15	..	..	38.9	90.3	*	..	H	109	..	..	..	III*	109
1920	OCT	03	14	15	..	38.6	94.3		..	G	105	..	3.8	BAR 8	III	109
1922	MAR	28	16	42	..	36.7	90.4		..	G	105	..	4.1	BAR 8	III	109
1926	OCT	27	16	22	..	36.7	90.4		..	F	105	..	3.9	BAR 8	IV	109
1926	OCT	27	16	27	..	36.7	90.4		..	F	105	..	3.9	BAR 8	IV	105
1926	DEC	13	23	03	..	36.7	89.8		..	F	105	..	3.8	BAR 8	IV	68
1927	FEB	02	01	30	..	37.4	89.7		..	F	113	..	3.9	BAR 8	IV	109
1927	FEB	03	08	00	..	36.7	90.4		..	F	105	..	3.8	BAR 8	IV	109
1928	MAR	17	21	15	..	38.6	90.2		..	F	105	..	3.3	BAR 8	II	113
1928	APR	15	11	00	..	36.6	89.5		..	F	105	..	..	..	IV	105
1928	APR	15	15	05	..	37.4	89.7		..	G	1	..	..	..	IV	109
1928	MAY	31	22	40	..	36.6	89.5		..	G	1	..	..	..	IV	109
1929	FEB	26	08	15	..	37.6	90.6		..	F	2	..	..	..	IV	109
1930	APR	02	09	39	..	36.2	89.7		..	F	3	..	..	..	IV	109
1930	MAY	28	17	31	..	39.7	91.4		..	F	105	..	..	..	III	105
1930	AUG	08	18	31	..	39.7	91.4		..	F	105	..	..	..	IV	109
1930	AUG	13	19	59	52	36.6	89.5		..	F	105	..	..	..	II	105
1930	SEP	01	20	26	37	36.6	89.4		..	F	109	..	3.9	BAR 8	V	105
1930	DEC	23	14	44	..	38.5	90.7		..	G	105	..	3.6	BAR 8	IV	109
1931	JUL	18	14	52	..	36.6	89.5		..	F	105	..	3.8	BAR 8	IV	109
1931	DEC	17	21	08	19	38.6	90.2		..	G	105	..	..	..	II	109
1933	MAR	11	12	48	..	36.7	90.4		..	F	105	..	..	..	IV	109
1933	MAR	11	13	04	..	36.7	90.4		..	F	105	..	..	..	IV	109
1933	NOV	16	09	29	01	38.6	90.6		..	G	146	..	3.7	BAR 8	IV	109
1934	JUL	03	..	..	..	36.2	89.7		..	G	173	..	..	..	II	173
1935	JAN	30	22	00	..	40.5	94.0		..	F	105	..	..	..	III	109
1936	FEB	17	05	05	08	36.2	89.7		..	G	105	..	..	..	IV	109
1936	OCT	20	21	17	..	36.6	89.6		..	G	105	..	..	..	II	113
1936	OCT	31	16	11	38	36.6	89.6		..	G	113	..	..	..	II	113
1936	NOV	23	09	38	40	36.6	90.6		..	G	113	..	..	..	II	113
1936	NOV	25	17	42	35	36.6	90.6		..	G	113	..	..	..	II	113
1937	JAN	30	08	57	09	36.2	89.7		..	C	10	..	3.7	BAR 8	IV	105
1937	MAR	18	11	58	..	37.7	89.9		..	F	105	..	..	..	III	109
1937	AUG	05	21	31	..	38.6	90.2		..	G	10	..	..	..	II*	10
1937	OCT	05	22	58	..	36.6	89.5		..	F	105	..	..	..	III	109
1938	JAN	17	04	18	..	37.7	89.9		..	F	105	..	..	..	III	109
1938	MAR	16	10	12	..	36.6	89.6		..	G	105	..	..	..	II	105
1938	SEP	28	11	32	..	36.5	89.9		..	F	105	..	..	..	III	109
1939	APR	15	17	30	..	36.8	89.4		..	F	105	..	3.4	BAR 8	III	105
1940	FEB	04	17	32	30	37.2	89.5		..	F	105	..	..	..	III	113
1940	SEP	19	23	42	31.7	36.5	89.6		..	C	150	..	..	..	II*	113
1940	OCT	10	19	34	13	36.8	89.2		..	C	150	..	..	..	II*	113
1941	OCT	08	07	51	..	36.2	89.7		..	G	105	..	3.7	BAR 8	V*	105
1941	OCT	27	03	59	..	36.7	89.7		..	G	105	..	..	..	III	105
1942	JAN	08	18	15	..	39.0	90.7		..	F	105	..	..	..	III	105
1942	JAN	14	18	05	06.4	38.6	90.2	*	..	F	151	..	3.6	BAR 8	III	173
1942	JAN	23	16	00	38.2	38.6	90.3	*	..	F	151	..	..	..	II	173
1942	JAN	29	22	12	15.3	38.6	90.3	*	..	F	151	..	..	..	II*	151
1942	JAN	30	15	00	..	38.7	90.3		..	F	105	..	..	..	II*	151
1942	NOV	17	18	18	..	38.6	90.2		..	F	105	..	3.2	BAR 8	IV	105

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1942	NOV	19	00	10	..	38.6	90.2	..	F	173	..	.. ..	IV	175
1942	NOV	30	16	53	05	36.8	89.7	..	C	151	..	.. ..	III	113
1942	DEC	27	20	40	..	38.6	90.3	..	F	105	..	.. ..	III*	15
1943	MAY	20	20	05	..	38.9	90.2	..	F	105	..	.. ..	II	173
1943	MAY	24	20	33	..	38.9	90.2	..	F	105	..	.. ..	II	173
1943	JUN	08	19	50	..	38.6	90.4	..	F	105	..	.. ..	III*	15
1943	JUN	15	19	40	..	38.4	90.6	..	F	105	..	.. ..	...	..
1943	JUN	18	..	..	..	38.4	90.6	..	F	105	..	.. ..	...	..
1944	JAN	07	05	18	15	37.5	89.7	..	F	105	..	3.6BAR 8	IV	105
1944	SEP	25	11	37	23	37.9	90.1	..	G	152	..	4.4BAR 8	IV	105
1944	DEC	23	07	23	37	36.2	89.7	..	F	105	..	.. ..	IV	153
1945	JAN	16	02	00	..	37.8	90.2	..	F	105	..	3.6BAR 8	IV	105
1945	MAR	28	01	45	58	38.6	90.2	..	F	105	..	3.9BAR 8	III	105
1945	MAY	02	10	22	12.6	36.4	89.7	..	C	150	..	3.7BAR 8	IV	153
1945	MAY	21	07	51	..	38.6	90.2	..	F	105	..	.. ..	IV	105
1945	AUG	07	04	05	..	36.1	89.7	..	F	105	..	.. ..	III	105
1945	SEP	23	07	23	23.2	36.0	89.8	..	C	150	..	.. ..	IV	113
1945	OCT	27	10	41	40	36.5	89.6	..	F	105	..	.. ..	III	153
1946	MAY	15	06	10	01	36.6	90.8	..	G	105	..	4.2BAR 8	IV	153
1946	OCT	08	01	12	02.5	37.5	90.6	..	B	19	..	4.4BAR 8	V*	105
1946	NOV	07	20	43	20	38.0	90.7	..	F	105	..	.. ..	II*	105
1947	DEC	01	08	47	33	36.7	90.6	..	C	20	..	4.2BAR 8	IV	105
1949	JAN	14	03	45	19.6	36.4	89.7	..	C	150	..	3.6BAR 8	V	68
1949	JUN	08	19	51	36	38.1	90.3	..	F	105	..	3.3BAR 8	III	105
1949	AUG	11	16	32	..	38.6	90.3	..	F	105	..	.. ..	III*	22
1949	AUG	13	21	45	..	36.1	89.7	..	F	105	..	.. ..	III	105
1949	AUG	26	..	..	..	38.6	90.7	..	F	105	..	.. ..	III	105
1950	FEB	08	10	37	06.7	37.7	92.7	..	F	105	..	4.2BAR 8	V	23
1950	MAY	01	15	30	..	36.5	89.9	..	G	105	..	.. ..	II*	23
1952	MAY	28	09	54	14	36.6	89.7	..	F	105	..	3.6BAR 8	IV	105
1952	DEC	28	16	59	27	36.7	89.6	..	F	105	..	.. ..	III	105
1954	FEB	02	16	53	..	36.7	90.3	..	F	105	..	4.4BAR 8	V	38
1955	JAN	25	07	24	39.1	36.07	89.83	008	B	214	..	4.5GOR 8	VI	28
1956	JAN	24	05	00	..	36.1	89.7	..	F	105	..	.. ..	III	132
1956	OCT	29	09	23	44	36.1	89.7	..	F	105	..	.. ..	V	29
1956	OCT	29	09	24	36	36.1	89.7 *	..	F	105	..	.. ..	...	..
1956	NOV	26	04	12	43.3	36.91	90.39	001	B	214	..	4.4GOR 8	VI	29
1958	JAN	26	16	55	37	36.1	89.7	..	G	105	..	4.1BAR 8	V	105
1959	JAN	06	15	07	..	38.7	90.3	..	G	105	..	.. ..	III	105
1961	DEC	25	12	19	58.3	39.30	94.21	011	B	214	..	3.9BAR 8	IV	105
1961	DEC	25	12	58	16.8	39.32	94.24	009	B	214	..	4.1BAR 8	V	38
1962	FEB	02	06	43	30.0	36.37	89.51	004	A	214	..	4.3SLM 2	VI	35
1962	JUN	01	11	23	38.6	35.38	90.39	001	B	214	..	3.2STT 2	...	..
1962	JUL	14	02	23	44.0	36.56	89.82	001	B	214	..	3.2BAR 2	III*	113
1962	JUL	14	04	23	49	36.5	89.9	..	B	177	..	3.2SLM 2	...	..
1963	JAN	10	03	12	49.0	36.1	89.7	000	C	178	..	2.9SLM 2	...	..
1963	JAN	19	11	11	41.0	36.2	89.7	000	C	178	..	2.7SLM 2	...	..
1963	MAR	03	17	30	10.6	36.64	90.05	009	A	214	..	4.8GOR 2	VI	38
1963	APR	06	07	51	01.2	36.43	89.51	011	B	214	..	2.8SLM 2	...	..
1963	APR	06	08	12	22.7	36.46	89.58	006	A	214	..	3.1SLM 2	...	..
1963	APR	19	14	31	55.0	36.7	90.1	000	C	178	..	3.5BAR 2	...	..
1963	MAY	02	01	09	21.4	36.67	89.54	010	A	214	..	3.1SLM 2	...	..
1963	JUN	28	09	59	59.8	36.68	90.16x	000	A	214	..	.. ..	...	..
1963	JUL	08	23	51	42.1	36.97	90.45	000	A	214	4.1	3.1SLM 2	...	..
1964	JAN	16	05	09	57.6	36.84	89.46	006	A	214	4.5	3.3GOR 2	...	..
1964	MAY	23	11	25	34.5	36.58	90.02	003	A	214	4.5	3.4GOR 2	V	105
1964	MAY	23	15	00	34.9	36.60	90.01	008	A	214	4.3	3.1GOR 2	III	113

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1964	MAY	24	20	31	13.0	36.6	90.0	000	C	178	..	2.7SLM 2	...	..
1964	SEP	24	08	09	34.0	37.1	91.1	000	C	113	..	3.1SLM 2	...	..
1964	SEP	29	03	28	00.0	36.5	89.6	000	C	178	..	2.7SLM 2	...	..
1965	FEB	11	03	40	24.8	36.52	89.59	003	A	214	4.5	3.3GOR 2	III	173
1965	FEB	14	20	03	20.3	36.94	93.29	000	C	178	..	3.0SLM 2	...	..
1965	MAR	06	21	08	50.3	37.40	91.03	007	A	214	5.3	4.0GOR 2	III	113
1965	APR	22	01	35	43.0	37.5	91.0	000	C	178	..	.. ..	...	..
1965	APR	23	03	57	54.0	37.2	90.9	000	C	178	..	2.7SLM 2	...	..
1965	AUG	12	12	44	26.0	36.3	89.7	000	C	178	..	.. ..	...	..
1965	AUG	29	22	55	15.0	37.1	91.0	000	C	178	..	2.6SLM 2	...	..
1965	OCT	21	02	04	39.1	37.48	90.94	007	A	214	5.1	4.8GOR 2	VI	75
1965	OCT	21	04	06	49.2	37.45	90.94	001	A	214	3.9	2.7GOR 2	...	..
1965	OCT	24	00	39	09.0	37.5	91.1	000	C	178	..	2.6SLM 2	...	..
1965	OCT	27	02	27	27.0	37.5	91.1	000	C	178	..	2.6SLM 2	...	..
1965	NOV	03	12	33	22.0	37.1	91.1	000	C	113	..	3.0SLM 2	...	..
1965	NOV	04	07	43	37.9	37.03	91.93	004	A	214	4.5	3.4GOR 2	...	..
1965	NOV	24	02	48	58.0	37.4	90.5	000	C	178	..	2.8SLM 2	...	..
1965	DEC	03	16	44	56.0	37.1	91.0	000	C	178	..	2.8SLM 2	...	..
1965	DEC	09	22	04	51.0	37.4	91.1	..	C	113	..	3.5SLM 2	...	..
1966	FEB	13	23	19	37.8	37.04	90.90	006	A	214	4.7	3.4GOR 2	...	..
1966	FEB	14	00	08	56.4	37.08	90.89	001	A	214	..	2.9GOR 2	...	..
1966	FEB	14	14	18	45.0	37.1	91.0	000	C	178	..	2.8SLM 2	...	..
1966	FEB	18	16	26	52.0	36.7	90.8	000	C	178	..	2.8SLM 2	...	..
1966	FEB	26	08	10	17.7	37.05	90.88	001	A	214	4.2	3.4GOR 2	...	..
1966	MAR	25	13	06	41.0	37.1	91.0	000	C	178	..	2.6SLM 2	...	..
1966	JUL	20	20	40	28.0	37.1	91.0	000	C	178	..	2.7SLM 2	...	..
1966	AUG	07	10	07	55.0	37.7	90.6	000	C	178	..	2.6SLM 2	...	..
1966	DEC	06	08	00	47.0	38.9	92.8	000	C	173	..	2.9SLM 2	...	..
1967	FEB	12	..	..	..	36.0	90.0	..	D	113	..	3.1SLM 2	...	..
1967	APR	11	23	44	45.0	36.1	89.7	000	C	178	..	2.9SLM 2	...	..
1967	MAY	16	00	28	04.0	36.6	89.4	000	C	178	..	2.8SLM 2	...	..
1967	JUL	21	09	14	48.8	37.44	90.44	012	A	214	3.9	4.3STT 2	VI	40
1967	AUG	05	11	37	32.0	38.3	90.6	000	C	178	..	2.8SLM 2	III*	40
1967	AUG	25	16	41	36.0	37.1	90.9	000	C	178	..	2.5SLM 2	...	..
1967	AUG	25	19	15	18.0	37.1	91.1	000	C	113	..	3.3SLM 2	...	..
1967	SEP	28	08	02	31.0	37.1	90.9	000	C	178	..	2.6SLM 2	...	..
1968	FEB	10	01	34	30.6	36.52	89.86	007	A	214	3.8	3.8GOR 2	III	113
1968	JUL	22	00	49	54.0	36.1	89.8	000	C	178	..	2.6SLM 2	...	..
1969	JAN	20	19	25	00.0	37.7	90.5	000	C	113	..	3.2SLM 2	III	113
1969	NOV	11	07	28	22.0	36.2	89.8	000	C	178	..	2.8SLM 2	...	..
1970	FEB	06	04	22	..	37.9	90.6	000	C	178	..	3.0SLM 2	II	113
1970	FEB	06	04	28	..	37.9	90.6	000	C	178	..	3.2SLM 2	II	113
1970	FEB	06	04	53	02.0	37.9	90.6	000	C	178	..	3.4SLM 2	II	113
1970	MAR	27	03	44	29.2	36.60	89.54	005	B	214	..	3.0GOR 2	III	113
1970	JUL	06	09	39	13.0	37.81	90.49x	000	A	214	..	3.4SLM 2	III	43
1970	NOV	05	10	25	35	36.0	90.0	..	E	113	..	3.0SLM 2	...	..
1970	NOV	30	04	46	53	36.2	89.9	..	B	177	..	2.8SLM 2	IV	113
1970	DEC	24	10	17	56.8	36.71	89.55	015	A	214	4.8	3.4GOR 2	IV	43
1971	OCT	18	06	39	31	36.7	89.6	..	B	177	..	3.0SLM 2	...	..
1972	MAR	29	20	38	31.7	36.12	89.74	007	A	214	..	3.7BAR 2	V	113
1972	JUN	09	19	15	18.9	37.62	90.37	012	A	214	..	3.1BAR 2	III	113
1972	JUN	21	02	31	17	37.1	89.9	..	B	177	..	2.7SLM 2	...	..
1972	SEP	06	02	28	12	36.4	89.9	..	D	45	..	.. ..	II*	45
1973	JAN	12	11	56	56.2	37.89	90.48	017	A	214	..	3.2SLM 2	IV	46
1973	OCT	09	20	15	26.5	36.49	89.62	003	A	214	..	3.8GOR 2	IV	46
1973	DEC	20	10	45	00.9	36.14	89.69	010	A	214	..	3.1GOR 2	III*	46

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1974	APR	05	19	41	14.2	38.63	90.76	001	B	214	..	2.6SLM 2	II	47
1974	MAY	13	06	52	18.7	36.74	89.36	004	A	214	4.3	3.8GOR 8	VI	47
1974	JUN	05	08	07	11	36.8	89.9	..	B	317	..	3.6STT 2	...	..
1974	AUG	01	22	09	07.8	38.31	90.57	001	A	182	..	2.7SLM 2	...	..
1974	AUG	11	14	29	45.4	36.93	91.16	006	A	214	..	3.2GOR 2	V	47
1974	AUG	26	11	15	33.1	36.68	89.52	005	A	182	..	2.6SLM 2	...	..
1974	OCT	01	08	48	10.3	36.06	89.93	005	A	148	..	2.7SLM 2	...	..
1974	DEC	13	10	13	22.5	36.74	91.61	003	B	214	..	2.8SLM 2	...	..
1975	JAN	10	15	31	01.5	38.11	91.03x	000	A	214	..	3.2SLM 2	...	..
1975	FEB	13	19	43	58.0	36.55	89.59	003	A	214	..	3.4GOR 2	V	48
1975	FEB	20	19	45	..	36.5	89.6 *	..	F	48	..	.. ..	IV	48
1975	JUN	13	22	40	27.5	36.54	89.68	009	A	214	4.3	3.9GOR 2	VI	48
1975	AUG	20	09	14	16.6	36.52	89.79	000	A	214	..	2.9SLM 2	...	..
1975	AUG	25	00	44	14.4	37.23	90.91	005	A	214	..	2.7SLM 2	...	..
1975	AUG	25	03	01	28.5	37.23	90.91	006	A	214	..	2.5GOR 2	...	..
1975	AUG	25	07	11	08.1	36.03	89.84	009	A	214	..	2.8GOR 2	...	..
1975	DEC	03	03	00	33.7	36.56	89.60	008	A	214	..	2.8SLM 2	VI	48
1976	JAN	23	00	56	39.6	36.55	89.60	009	B	49	..	2.0SLM 1	IV	49
1976	MAR	13	07	25	01.1	38.11	91.04x	000	A	214	..	2.4GOR 2	...	..
1976	MAY	22	07	40	46.1	36.03	89.83	009	A	214	..	3.2SLM 2	V	49
1976	DEC	11	07	05	01.1	38.10	91.04x	000	A	214	4.2	.. ..	...	..
1976	DEC	13	08	35	55.1	37.81	90.26	009	A	214	..	3.5SLM 2	V	49
1977	JAN	03	22	56	48.5	37.58	89.71	005	A	214	5.0	3.6GOR 2	VI	39
1977	JAN	04	02	34	16.4	37.56	89.75	005	A	183	..	2.6SLM 2	...	..
1977	MAR	20	05	27	58.6	36.51	89.56	..	A	172	..	2.8SLM 2	...	..
1977	APR	15	17	31	11.8	37.22	89.81	010	A	184	..	2.5SLM 2	...	..
1977	NOV	09	06	21	45.7	36.61	89.59	010	A	185	..	2.8SLM 2	...	..
1978	APR	03	12	24	21.5	36.63	90.00	009	A	214	..	3.1SLM 2	...	..
1978	SEP	07	06	16	12.4	36.55	89.66	008	A	246	..	2.5SLM 2	...	..
1978	SEP	10	18	31	56.8	36.10	89.76	005	A	246	..	2.6SLM 2	...	..
1978	SEP	20	12	24	08.9	38.58	90.28	001	A	214	..	3.1SLM 2	V	240
1979	JUN	11	04	12	17.1	36.15	89.64	015	A	214	..	3.8SLM 2	IV	262
1979	JUL	08	12	35	15.5	36.91	89.31	002	A	214	..	3.1SLM 2	IV	262
1979	JUL	13	07	29	39.2	36.07	89.78	009	A	214	..	2.8SLM 2	IV	262
1979	SEP	12	10	59	46.2	37.74	89.95	003	B	262	..	2.5SLM 2	III*	262
1979	NOV	26	04	43	19.0	36.36	89.52	010	B	262	..	2.7SLM 2	III*	262
1980	JUL	05	08	54	40.1	36.56	89.60	004	B	214	..	3.5GS 2	IV	300
1980	AUG	20	04	43	04.7	37.84	90.36	008	B	300	..	2.0SLM 2	F	300
1980	AUG	21	10	39	44.2	38.03	90.48	010	B	300	..	2.1SLM 2	F	300
1980	OCT	31	13	56	34.0	36.52	89.59	009	B	300	..	2.6SLM 2	...	..

NEBRASKA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1867	APR	28	..	..	..	40.7	95.9	..	H	105	..	.. ..	IV	105
1872	OCT	09	16	..	..	42.7	97.0	..	H	253	..	.. ..	V	38
1875	DEC	09	09	00	..	40.7	95.9	..	G	105	..	.. ..	III	105
1877	NOV	15	17	45	..	41.0	97.0	..	G	105	..	5.0BAR 8	VII	105
1884	MAR	17	20	00	..	41.1	100.8	..	G	105	..	.. ..	IV	105
1896	FEB	04	11	45	..	42.6	97.3	..	G	105	..	.. ..	III	105
1898	SEP	16	09	59	..	42.6	97.3	..	G	105	..	.. ..	IV	105
1902	JUL	28	18	00	..	42.0	97.6	..	G	105	..	4.5BAR 8	VI*	105
1904	DEC	01	09	00	..	41.8	96.7	..	G	105	..	.. ..	III	105
1909	JAN	26	20	15	..	42.3	97.8	..	H	105	..	3.6BAR 8	IV*	105
1910	FEB	26	08	00	..	41.4	97.3	..	G	38	..	.. ..	IV*	38
1915	SEP	16	19	00	..	42.8	99.3	..	G	105	..	.. ..	IV*	105
1916	DEC	..	..	..	..	41.5	100.4	..	H	105	..	.. ..	III*	105
1923	SEP	10	06	30	..	41.7	96.2	..	G	105	..	.. ..	III*	105
1924	SEP	24	11	00	..	40.9	100.1	..	H	105	..	.. ..	IV	105
1925	AUG	25	06	27	..	42.8	97.4	..	G	105	..	.. ..	IV	105
1927	OCT	14	16	10	..	41.6	98.9	..	G	105	..	3.5BAR 8	IV	105
1929	OCT	06	12	30	..	42.8	97.4	..	G	105	..	3.5BAR 8	V	105
1933	AUG	08	..	..	..	41.9	103.7	..	G	105	..	.. ..	IV*	105
1934	MAY	11	10	40	..	41.5	98.8	..	G	105	..	3.6BAR 8	IV	105
1934	JUL	30	07	20	..	42.7	103.0	..	G	38	..	4.3BAR 8	VI	38
1934	NOV	08	04	45	..	42.6	100.2	..	G	105	..	3.6BAR 8	IV*	105
1935	MAR	01	11	00	..	40.3	96.2	..	G	38	..	4.7BAR 8	VI	38
1935	MAR	01	11	04	..	40.3	96.2	..	G	105	..	.. ..	...	..
1935	MAR	22	22	45	..	40.3	96.2	..	G	105	..	.. ..	III*	105
1938	MAR	24	13	11	..	42.7	103.4	..	G	105	..	3.7BAR 8	IV	105
1948	APR	07	..	..	..	41.4	99.6	..	G	105	..	.. ..	III*	105
1949	MAY	13	04	15	..	42.5	99.0	..	G	105	..	3.6BAR 8	IV	105
1955	FEB	25	01	45	..	41.3	98.6	..	G	105	..	3.6BAR 8	IV	105
1963	MAR	09	15	25	..	42.8	103.0	..	G	105	..	.. ..	III*	105
1963	JUN	06	02	47	..	40.7	96.2	..	G	253	..	.. ..	III	253
1964	MAR	28	10	08	46.5	43.00	101.80	030	A	214	5.1	4.5GOR 2	VII	37
1966	SEP	09	09	50	34.2	41.30	98.81	027	B	214	..	3.1GOR 2	...	..
1972	OCT	16	05	47	32.5	42.44	99.56	025	C	214	3.7	2.9GOR 2	V	45
1975	MAY	13	07	53	40.0	42.07	98.50	001	B	214	4.3	3.3GOR 2	VI	48
1975	AUG	25	10	00	34.7	42.57	101.55	029	C	214	..	2.9GOR 2	...	..
1977	AUG	18	10	34	26.6	41.41	98.47	005	B	305	..	2.5KGS 6	...	..
1977	DEC	01	13	04	34.2	40.30	100.31	005	B	305	..	2.3KGS 6	III	305
1977	DEC	01	13	22	38.6	40.21	100.29	005	B	305	..	2.4KGS 6	III	305
1978	FEB	03	00	25	49.0	40.08	100.32	005	C	239	..	2.7TUL 2	...	..
1978	MAY	07	16	06	23.0	42.26	101.95	038	A	214	..	3.6GOR 2	IV	240
1978	MAY	20	01	53	44.7	40.11	100.32	005	C	239	..	2.8TUL 2	...	..
1978	SEP	14	08	06	20.9	40.67	100.28	..	C	250	..	2.8KGS 1	...	..
1979	APR	08	22	46	07.6	41.46	98.76	035	C	214	..	2.8GS 2	...	
1979	JUN	06	16	16	22.4	40.14	100.41	002	B	262	..	2.7GS 2	III	262
1979	JUL	16	00	03	48.4	40.18	100.32	004	B	214	..	3.2TUL 2	III	262
1979	AUG	02	04	16	22.2	40.17	100.40	001	B	262	..	2.5KGS 6	III	262
1979	AUG	31	08	00	11.6	40.16	100.33	012	B	262	..	2.2KGS 6	IV	262

NEW HAMPSHIRE

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1728	JAN	12	..	..	..	43.6	71.1	..	H	126	..	.. ..	III	76
1747	AUG	25	..	..	..	43.2	70.9	..	H	126	..	.. ..	III	76
1751	JUL	21	..	..	..	43.2	70.9	..	H	126	..	.. ..	III	76
1761	NOV	02	01	00	..	43.1	71.5	..	H	76	..	.. ..	V	76
1766	DEC	17	11	48	..	43.1	70.8	..	H	84	..	.. ..	IV	76
1772	AUG	15	..	..	..	44.4	71.1	..	H	126	..	.. ..	II	126
1777	SEP	14	..	..	..	43.0	71.5	..	H	126	..	.. ..	II	126
1800	DEC	20	..	..	..	43.7	72.3	..	H	126	..	.. ..	IV	126
1801	MAR	01	20	30	..	43.1	70.8	..	H	126	..	.. ..	IV	126
1807	JAN	14	04	00	..	43.0	71.1	..	H	126	..	.. ..	IV	126
1810	NOV	10	02	15	..	43.0	70.8	..	H	78	..	.. ..	VI	76
1823	JAN	16	23	00	..	44.0	71.0	..	H	76	..	.. ..	V	76
1823	JUL	23	11	55	..	42.9	70.6	..	H	78	..	.. ..	V	126
1829	JAN	01	..	..	..	43.1	70.8	..	H	84	..	.. ..	IV	76
1845	NOV	..	..	..	..	43.6	72.3	..	H	126	..	.. ..	IV	76
1846	JUL	10	..	..	..	43.1	71.3	..	H	126	..	.. ..	III	76
1846	SEP	12	23	30	..	43.1	71.3	..	H	126	..	.. ..	III	76
1846	OCT	30	02	00	..	43.1	71.3	..	H	126	..	.. ..	III	76
1846	OCT	31	..	..	..	43.1	71.3	..	H	126	..	.. ..	III	76
1846	NOV	13	00	40	..	43.1	71.3	..	H	126	..	.. ..	III	76
1846	DEC	02	..	..	..	43.1	71.3	..	H	126	..	.. ..	III	76
1847	FEB	02	..	..	..	43.1	71.3	..	H	126	..	.. ..	III	76
1847	FEB	14	..	..	..	43.6	71.5	..	H	84	..	.. ..	III	76
1847	FEB	21	..	..	..	43.1	71.3	..	H	126	..	.. ..	III	76
1851	OCT	12	02	30	..	43.1	71.3	..	H	126	..	.. ..	III	76
1852	JUN	30	..	..	..	43.4	72.3	..	G	126	..	.. ..	III	76
1852	AUG	11	..	..	..	43.1	71.3	..	H	126	..	.. ..	III	76
1852	NOV	28	04	45	..	43.0	70.9	..	G	78	..	.. ..	V	78
1853	NOV	21	..	..	..	43.0	71.9	..	H	126	..	.. ..	III	76
1853	NOV	28	..	..	..	43.0	71.9	..	H	126	..	.. ..	IV	76
1854	OCT	01	..	..	..	42.9	72.3	..	H	126	..	.. ..	II	126
1854	OCT	25	03	00	..	42.9	72.3	..	H	126	..	.. ..	IV	76
1854	DEC	11	05	30	..	43.0	70.8	..	H	78	..	.. ..	V	126
1855	JAN	16	23	00	..	44.0	71.0	..	H	76	..	.. ..	V	76
1855	JAN	17	00	20	..	44.0	71.0	..	H	76	..	.. ..	IV	76
1855	MAY	29	10	00	..	44.7	71.6	..	H	126	..	.. ..	IV	76
1871	JUL	20	..	..	..	43.2	71.5	..	H	126	..	.. ..	IV	126
1872	NOV	18	19	00	..	43.2	71.6	..	G	38	..	.. ..	V	38
1873	OCT	05	07	30	..	43.6	71.5	..	H	84	..	.. ..	III	76
1874	JAN	06	..	..	..	43.6	71.2	..	H	84	..	.. ..	II	76
1874	JAN	26	07	00	..	43.0	71.5	..	H	84	..	.. ..	IV	76
1874	JAN	26	10	00	..	43.0	71.5	..	H	84	..	.. ..	III	76
1875	MAY	06	..	..	..	43.6	71.2	..	H	84	..	.. ..	II	76
1875	DEC	01	09	00	..	42.9	72.3	..	H	126	..	.. ..	III	76
1875	DEC	01	11	00	..	42.9	72.3	..	H	126	..	.. ..	II	76
1876	JAN	07	19	20	..	43.3	71.8	..	H	84	..	.. ..	II	126
1877	APR	23	16	00	..	43.0	71.3	..	H	126	..	.. ..	II	76
1878	MAR	12	..	..	..	42.7	71.6	..	H	126	..	.. ..	II	126
1879	OCT	26	03	30	..	43.0	71.5	..	H	126	..	.. ..	IV	126
1879	NOV	03	12	15	..	43.2	71.7	..	H	84	..	.. ..	II	76

NEW HAMPSHIRE

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1880	JUL	13	04	00	..	43.2	71.6		..	H	84	..	..	..	II	76
1880	JUL	21	00	00	..	43.0	71.5		..	H	84	..	..	..	III	76
1880	AUG	21	..	..	..	43.2	71.1		..	H	84	..	..	..	II	76
1881	FEB	04	..	..	..	43.0	70.8		..	H	126	..	..	..	II	76
1881	FEB	12	..	..	..	43.0	70.8		..	H	126	..	..	..	II	76
1881	APR	03	09	25	..	43.0	71.9		..	H	84	..	..	..	III	76
1881	MAY	18	05	20	..	43.2	71.7		..	H	84	..	..	..	III	76
1881	MAY	18	08	30	..	43.2	71.7		..	H	84	..	..	..	III	76
1881	AUG	13	..	..	..	43.2	71.7		..	H	84	..	..	..	III	76
1881	OCT	06	05	03	..	43.2	71.6		..	H	126	..	..	..	III	76
1881	OCT	31	06	40	..	43.2	71.7		..	H	84	..	..	..	II	76
1882	APR	17	19	..	..	43.2	71.7		..	H	84	..	..	..	IV	76
1882	MAY	08	09	00	..	43.2	71.6		..	H	84	..	..	..	III	76
1882	DEC	19	22	20	..	43.2	71.4		..	G	38	..	..	..	V	38
1883	FEB	04	20	05	..	43.6	71.2		..	H	84	..	..	..	IV	126
1883	FEB	04	20	15	..	43.6	71.2	*	..	H	84	..	..	..	II*	84
1883	OCT	17	20	30	..	43.2	71.7		..	H	84	..	..	..	III*	213
1884	JAN	18	07	00	..	43.2	71.7		..	G	84	..	..	..	IV	76
1884	OCT	27	01	..	..	42.8	71.5		..	H	84	..	..	..	II	76
1884	NOV	13	00	50	..	43.2	71.6		..	H	126	..	..	..	IV	126
1884	NOV	23	05	30	..	43.2	71.7		..	G	38	..	..	..	V	126
1884	DEC	17	07	00	..	43.5	71.5		..	H	84	..	..	..	III	76
1885	JAN	03	07	00	..	43.5	71.5		..	H	84	..	..	..	II	76
1885	MAR	18	17	00	..	43.2	71.7		..	H	84	..	..	..	II	76
1886	JAN	06	00	10	..	42.9	71.5		..	H	126	..	..	..	IV	126
1886	JAN	17	22	14	..	42.8	71.4		..	H	84	..	..	..	IV	126
1886	AUG	03	..	..	..	43.5	71.5		..	H	126	..	..	..	II	126
1886	AUG	03	..	..	..	44.3	71.7		..	H	126	..	..	..	II	126
1887	JUL	01	02	00	..	43.2	71.5		..	H	126	..	..	..	IV	126
1888	JAN	18	..	..	..	43.2	71.7		..	H	126	..	..	..	II	126
1889	MAR	08	..	..	..	43.5	71.6		..	H	126	..	..	..	IV	126
1889	APR	11	..	..	..	43.0	71.5		..	H	126	..	..	..	II	126
1889	JUL	08	..	..	..	44.6	71.3		..	H	126	..	..	..	II	126
1890	MAR	29	..	..	..	43.2	71.5		..	H	126	..	..	..	II	126
1891	MAY	02	00	10	..	43.2	71.6		..	H	76	..	..	..	V	76
1891	MAY	30	00	00	..	43.1	71.5		..	H	76	..	..	..	IV	76
1892	MAY	01	..	..	..	43.2	71.5		..	H	126	..	..	..	II	126
1892	DEC	11	16	30	..	44.3	71.7		..	H	126	..	..	..	IV	126
1892	DEC	13	..	..	..	44.5	71.5		..	H	126	..	..	..	II	126
1892	DEC	14	..	..	..	44.3	71.7		..	H	126	..	..	..	II	126
1893	JUL	01	..	..	..	43.1	71.9		..	H	126	..	..	..	II	126
1893	JUL	02	..	..	..	42.9	72.1		..	H	126	..	..	..	II	126
1894	SEP	03	..	..	..	43.2	72.4		..	H	126	..	..	..	II	126
1896	OCT	22	10	30	..	44.3	71.8		..	H	126	..	..	..	IV	126
1897	JUL	01	09	20	..	43.7	71.6		..	H	76	..	..	..	IV	76
1898	JUL	25	23	00	..	43.2	71.5		..	H	126	..	..	..	II	126
1901	MAR	09	..	..	..	43.2	71.5		..	H	126	..	..	..	II	126
1902	JUL	19	..	..	..	43.6	71.9		..	H	126	..	..	..	II	126
1905	MAR	05	02	25	..	43.6	72.3		..	H	78	..	..	..	V	126
1905	AUG	30	22	40	..	43.1	70.8		..	G	84	..	..	..	V	78
1905	AUG	30	22	42	..	43.1	70.8	*	..	G	84	..	..	..	IV*	78
1905	AUG	30	22	43	..	43.1	70.8	*	..	G	84	..	..	..	IV*	78
1907	JUL	11	..	..	..	43.1	70.8		..	H	126	..	..	..	II	126
1908	NOV	23	13	00	..	43.5	71.7		..	G	126	..	..	..	IV	126
1910	AUG	30	14	30	..	43.4	72.1		..	H	76	..	..	..	III	76
1911	MAR	02	21	30	..	43.2	71.5		..	G	126	..	..	..	IV	126

NEW HAMPSHIRE

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1920	MAY	23	08	00	..	43.2	71.5	..	H	84	..	..	..	IV	76
1922	MAY	07	22	40	..	43.4	71.4	..	H	76	..	..	..	IV	76
1925	MAR	09	..	..	..	42.9	71.5	..	G	126	..	..	..	IV	76
1925	OCT	09	13	55	..	43.7	71.1	..	F	76	..	..	..	VI	38
1926	MAR	18	21	09	..	42.8	71.8	..	H	78	..	..	..	V	78
1927	MAR	09	04	08	..	43.3	71.4	..	G	78	..	..	..	V	38
1928	APR	25	23	38	..	44.5	71.2	..	G	1	..	..	..	V	77
1928	APR	28	22	07	..	43.2	71.5	..	G	1	..	..	..	IV	77
1928	MAY	22	00	24	..	43.2	71.5	..	G	77	..	..	..	II	77
1928	MAY	26	..	..	..	43.2	71.7	..	H	1	..	..	..	II	77
1928	OCT	15	..	..	..	45.1	71.4	..	G	1	..	..	..	II	77
1928	OCT	17	00	30	..	42.8	71.6	..	G	1	..	..	..	III	77
1928	NOV	05	04	00	..	43.3	71.0	..	G	1	..	..	..	II	77
1928	DEC	01	..	..	..	43.3	71.0	..	G	77	..	..	..	II	77
1929	JAN	13	..	..	..	43.3	71.0	..	F	77	..	..	..	II	77
1929	JAN	15	02	45	..	43.3	71.0	..	F	2	..	..	..	III	77
1929	FEB	05	17	10	..	43.3	71.7	..	G	2	..	..	..	II	77
1930	FEB	14	06	15	..	43.4	71.7	..	G	3	..	..	..	IV	126
1930	MAR	19	00	15	..	43.3	71.6	..	G	3	..	..	..	IV	77
1932	OCT	15	03	10	..	43.6	71.5	..	G	77	..	..	..	III	77
1932	OCT	16	19	12	..	42.9	72.3	..	G	77	..	..	..	II	77
1932	NOV	04	05	00	..	43.2	71.5	..	G	77	..	..	..	II	77
1935	SEP	13	03	49	..	43.2	71.5	..	G	77	..	..	..	II	77
1936	JUN	14	05	40	..	43.5	71.5	..	H	77	..	..	..	III	77
1936	JUN	15	..	..	..	43.6	71.4	..	H	77	..	..	..	III	77
1936	NOV	10	02	46	..	44.5	71.4	..	F	77	..	..	..	IV	77
1938	APR	01	22	15	..	43.3	71.0	..	F	77	..	..	..	III	11
1938	APR	02	02	13	..	43.3	71.0	..	G	126	..	..	..	III	126
1938	APR	03	..	..	..	43.3	71.0	..	F	77	..	..	..	II	77
1939	OCT	10	..	..	..	43.4	71.6	..	G	126	..	..	..	III	126
1939	OCT	11	18	49	..	42.9	71.4	..	G	126	..	..	..	III	126
1940	DEC	20	07	27	26.2	43.87	71.37	010	A	201	..	5.5ST	2	VII	13
1940	DEC	24	13	00	32	43.8	71.3	..	C	51	..	..	..	II	126
1940	DEC	24	13	43	45.0	43.91	71.28	008	A	201	..	5.5ST	2	VII	13
1940	DEC	24	14	32	48	43.8	71.3	..	C	13	..	2.8ST	2	III	126
1940	DEC	24	18	12	06	43.8	71.3	..	C	13	..	..	..	III	126
1940	DEC	25	05	03	43	43.8	71.3	..	C	77	..	3.7ST	2	IV	126
1940	DEC	27	19	56	09	43.8	71.3	..	C	77	..	3.8ST	2	IV	126
1941	JAN	02	03	42	33	43.8	71.3	..	G	51	..	..	..	III	126
1941	JAN	04	11	10	13	43.8	71.3	..	G	51	..	..	..	III	126
1941	JAN	18	23	25	00	43.8	71.3	..	C	51	..	..	..	III	126
1941	JAN	21	02	27	44	43.8	71.3	..	C	77	..	2.8ST	2	IV	126
1941	JAN	23	00	14	57	43.8	71.3	..	C	51	..	2.9ST	2	III	126
1941	FEB	12	22	23	57	43.8	71.3	..	C	51	..	..	..	III	126
1943	MAR	14	14	02	..	43.7	71.6	..	C	126	..	3.9OTT	1	...	..
1944	MAR	06	05	46	..	43.2	71.6	..	H	77	..	..	..	II	77
1944	MAR	06	12	15	..	43.2	71.6	..	H	77	..	..	..	II	77
1944	APR	11	20	25	..	44.0	71.7	..	H	77	..	..	..	III	77
1945	MAR	22	08	03	05	43.2	71.6	..	H	77	..	..	..	III	77
1945	DEC	28	10	23	..	44.0	71.2	..	G	77	..	..	..	II	77
1949	SEP	02	05	48	10	43.8	71.3	..	G	126	..	..	..	III	77
1950	FEB	24	13	04	05	43.0	71.8	..	G	126	..	..	..	III	77
1952	OCT	26	09	05	..	43.6	71.2	..	G	77	..	..	..	II	77
1953	MAY	11	06	13	17	44.0	71.1	..	F	77	..	..	..	IV	26
1958	NOV	21	23	30	..	44.0	71.7	..	F	77	..	..	..	IV	31
1962	DEC	20	..	..	..	41.0	74.3	..	G	126	..	..	..	II	126
1962	DEC	29	06	19	..	42.8	71.7	..	H	126	..	..	..	V	35

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1963	DEC	04	21	32	34.8	43.60	71.60	009	A	201	3.7	3.3DEW	2	V	36
1964	APR	01	11	21	34	43.6	71.5	033	C	37	1.8	.. ..		IV	37
1964	JUN	26	11	04	49.0	43.41	71.68	001	A	201	..	3.2DEW	2	VI	37
1964	JUN	26	12	50	00	43.3	71.9	..	G	126	..	.. ..		...	..
1965	JAN	03	17	05	02.5	43.52	71.78	012	A	317	..	3.0OTT	1	IV	75
1966	APR	28	12	02	..	44.1	71.9	..	F	126	..	.. ..		IV	81
1966	OCT	23	23	05	34	43.0	71.8	..	C	81	..	3.1OTT	1	V	81
1969	AUG	06	16	02	54.9	43.8	71.4	..	G	126	..	.. ..		V	42
1970	SEP	19	09	35	09.4	42.9	71.9	..	G	126	..	.. ..		IV	43
1973	JUN	15	01	09	05.1	45.31	71.12	012	A	201	4.8	5.0STR	2	VI	46
1977	DEC	25	15	35	53.8	43.19	71.65	000	B	39	..	3.2WES	2	VI	39
1978	MAR	31	14	27	57.0	43.10	71.63	000	B	240	..	2.7WES	2	VI	240
1978	AUG	25	20	01	30.5	42.87	70.83	000	C	240	..	2.3WES	2	III	240
1979	APR	23	00	05	45.7	43.04	71.24	000	B	262	..	3.1WES	2	IV	262
1980	APR	07	09	36	00.4	43.13	72.22	000	B	300	..	2.7WES	2	...	..
1980	NOV	05	22	40	01.4	43.66	71.36	005	B	300	..	2.7WES	2	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1783	NOV	24	..	..	..	41.0	74.5	..	H	126	..	.. ..	IV	126
1783	NOV	30	02	00	..	41.0	74.5	..	H	76	..	.. ..	IV	126
1783	NOV	30	03	50	..	41.0	74.5	..	H	76	..	.. ..	VI	76
1783	NOV	30	07	00	..	41.0	74.5	..	H	76	..	.. ..	IV	126
1848	SEP	09	04	00	..	40.4	74.0	..	H	126	..	.. ..	V	141
1861	MAR	05	17	00	..	40.7	74.2	..	H	126	..	.. ..	III	76
1871	OCT	09	14	40	..	39.7	75.5	..	H	38	..	.. ..	VII	38
1871	OCT	10	05	08	..	39.6	75.5	..	H	205	..	.. ..	IV*	205
1877	SEP	10	14	59	..	40.1	74.8	..	H	76	..	.. ..	IV	76
1880	AUG	10	17	15	..	40.8	74.5 *	..	H	136	..	.. ..	III*	136
1880	SEP	01	10	10	..	40.8	74.5 *	..	H	136	..	.. ..	III*	136
1895	SEP	01	11	09	..	40.7	74.8	..	G	38	..	.. ..	VI	38
1899	MAY	16	..	..	..	40.9	74.0	..	H	126	..	.. ..	II	126
1902	MAY	27	..	..	..	40.8	74.2	..	H	126	..	.. ..	II	126
1902	AUG	11	..	..	..	40.8	74.2	..	H	126	..	.. ..	II	126
1910	APR	23	..	..	..	39.2	74.7	..	H	126	..	.. ..	III	126
1912	NOV	06	18	40	..	39.4	74.5 *	..	H	84	..	.. ..	III	84
1919	AUG	05	05	..	..	39.6	74.2	..	H	84	..	.. ..	...	..
1921	JAN	26	23	40	..	40.0	75.0	..	H	38	..	.. ..	V	38
1926	JAN	26	23	40	..	40.0	75.0	..	H	76	..	.. ..	V	76
1927	JUN	01	12	20	..	40.3	74.0	..	G	38	..	.. ..	VII	38
1933	JAN	25	02	..	..	40.2	74.7	..	H	38	..	.. ..	V	38
1937	SEP	30	22	08	22	40.8	74.3	..	H	77	..	.. ..	III	77
1938	MAY	16	19	25	..	40.8	74.3	..	H	77	..	.. ..	II	126
1938	AUG	23	03	36	31.5	40.10	74.34	014	B	201	..	3.9ST 2	V	11
1938	AUG	23	05	04	53.4	40.05	74.36	021	B	201	..	4.0ST 2	...	..
1938	AUG	23	07	03	28.0	40.23	74.57	003	B	201	..	3.7ST 2	IV	126
1938	AUG	23	11	11	08	40.2	74.2	..	G	77	..	.. ..	III	77
1938	AUG	27	22	36	25	40.2	74.2	..	G	77	..	.. ..	III	77
1938	DEC	06	19	38	..	40.8	74.3	..	H	77	..	.. ..	III	77
1939	SEP	13	01	22	04	40.8	74.0	..	G	77	..	.. ..	II	77
1939	NOV	15	02	53	48.7	39.58	75.05	003	B	201	..	4.0DEW 2	V	12
1943	JUL	24	05	18	36	40.0	72.7	..	D	77	..	2.5OTT 1	...	..
1947	APR	01	13	25	54	41.0	74.3	..	C	77	..	.. ..	III	141
1948	AUG	03	19	04	40.0	39.4	74.4 *	..	H	21	..	.. ..	III	126
1949	OCT	16	23	33	44.8	40.4	74.8	..	C	74	..	.. ..	...	..
1953	AUG	17	04	22	50.0	41.0	74.0	..	G	77	..	.. ..	IV	26
1954	MAR	31	21	25	..	40.3	74.0	..	G	77	..	.. ..	IV	27
1957	MAR	23	19	02	31	40.6	74.8	010	D	77	..	4.8OTT 1	VI	30
1962	OCT	13	..	..	..	41.0	74.3	..	G	126	..	.. ..	II	126
1968	DEC	10	09	12	48.0	39.92	74.82	023	A	201	..	3.0DEW 2	V	41
1969	APR	25	00	14	45.0	41.02	74.11	025	A	317	..	.. ..	III*	42
1969	OCT	06	..	..	..	41.1	74.6	..	G	126	..	.. ..	IV	126
1973	FEB	28	08	21	33.2	39.69	75.44	012	A	201	..	3.8SLM 2	V	46
1973	JUL	10	04	38	02	39.7	75.4	..	F	126	..	.. ..	IV	46
1976	MAR	11	21	07	20.4	40.96	74.37	004	C	49	..	2.4PAL 2	VI	49
1976	APR	13	15	39	13.6	40.84	74.05	001	A	317	..	3.1PAL 2	VI	49
1976	JUN	26	19	45	..	39.8	72.5	..	C	126	..	2.9XXX 1	...	..
1976	DEC	05	13	00	..	40.8	74.8 *	..	F	224	..	.. ..	III	224
1976	DEC	05	16	32	06.9	40.77	74.76	003	B	225	..	1.8PAL 2	III	224

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1976	DEC	07	04	55	07.2	40.77	74.76	005	B	225	..	1.7PAL 2	III	224
1977	JAN	21	20	50	44.5	39.97	74.32	000	B	126	..	2.7PAL 2	...	..
1978	MAY	18	01	29	37.9	41.02	74.34	006	C	243	..	1.5PAL 2	II*	243
1978	JUN	30	20	13	43.6	41.07	74.20	005	C	240	..	2.9PAL 2	IV	240
1978	JUN	30	22	39	49.7	41.08	74.20	006	C	240	..	2.2PAL 2	III	240
1979	JAN	30	16	30	52.1	40.32	74.26	005	B	262	..	3.0PAL 2	V	262
1979	FEB	02	02	26	13.3	40.77	74.66	000	B	262	..	1.9PAL 2	III	262
1979	FEB	23	10	23	57.2	40.80	74.81	013	B	262	..	2.9PAL 2	IV	262
1979	MAR	10	04	49	39.7	40.72	74.50	003	B	262	..	2.2PAL 2	V	262
1980	MAR	25	18	54	35.8	40.98	75.01	005	B	300	..	2.8PAL 2	...	..
1980	APR	05	11	49	33.8	39.83	74.05	006	B	300	..	2.9PAL 2	...	..
1980	AUG	02	17	20	59.7	40.43	74.15	008	B	300	..	3.1PAL 2	...	..
1980	AUG	30	09	19	09.0	39.84	74.86	002	B	300	..	3.0PAL 2	...	..

NEW MEXICO

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1849	DEC	11	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	V*	269
1849	DEC	28	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1849	DEC	28	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1849	DEC	28	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1849	DEC	28	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1849	DEC	28	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1849	DEC	29	13	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1849	DEC	30	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1849	DEC	30	03	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	01	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	02	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	02	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	04	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	04	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	04	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	05	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	05	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	06	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	06	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	10	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	JAN	12	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	FEB	08	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	AUG	10	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	AUG	10	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	OCT	02	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1850	OCT	18	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1851	JAN	23	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1851	FEB	13	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1851	FEB	14	..	..	..	34.0	107.0 *	..	G	269	..	.. ..	...	..
1855	APR	20	05	..	..	34.0	107.0 *	..	G	269	..	.. ..	VI*	269
1868	APR	28	..	..	..	34.0	107.0	..	G	38	..	.. ..	V	38
1869	APR	18	13	..	..	34.0	107.0	..	G	38	..	.. ..	VII	38
1869	APR	20	..	..	..	34.0	107.0 *	..	G	270	..	.. ..	VI*	270
1873	AUG	03	05	..	..	35.7	105.9 *	..	G	133	..	.. ..	III*	133
1878	JUN	14	..	..	..	36.5	104.9 *	..	G	254	..	.. ..	III*	254
1879	...	..	..	..	..	34.0	107.0	..	G	38	..	.. ..	V	38
1886	JUL	06	..	..	..	34.0	107.0	..	G	38	..	.. ..	V	38
1893	APR	07	03	..	..	34.5	106.8 *	..	G	270	..	.. ..	IV	270
1893	APR	08	03	20	..	34.5	106.8 *	..	G	270	..	.. ..	VI*	255
1893	APR	08	10	..	..	34.5	106.8 *	..	G	270	..	.. ..	V*	270
1893	APR	08	11	..	..	34.5	106.8 *	..	G	270	..	.. ..	V*	255
1893	JUL	12	13	40	..	35.0	106.4	..	G	38	..	.. ..	V	38
1893	SEP	07	..	..	..	34.5	106.8 *	..	G	255	..	.. ..	VII	38
1895	OCT	05	02	44	..	34.5	106.7	..	G	38	..	.. ..	V	38
1895	OCT	05	05	25	..	34.5	106.7 *	..	G	270	..	.. ..	V	270
1895	OCT	05	10	15	..	34.5	106.7 *	..	G	270	..	.. ..	V	270
1897	...	..	..	..	..	34.0	107.0	..	G	38	..	.. ..	VI	38
1899	FEB	09	..	..	..	34.5	106.8 *	..	G	58	..	.. ..	IV*	58
1900	MAY	..	..	..	..	36.9	106.9 *	..	G	270	..	.. ..	V*	270
1904	JAN	20	02	10	..	34.0	107.0	..	G	38	..	.. ..	V	84

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1904	JAN	20	07	..	..	34.0	107.0	*	..	G	270	..	..	..	IV*	270
1904	JAN	30	12	25	..	34.0	107.0	*	..	G	256	..	..	..	V	84
1904	JAN	30	14	00	..	34.0	107.0	*	..	G	270	..	..	..	III	270
1904	JAN	30	14	15	..	34.0	107.0	*	..	G	270	..	..	..	V	270
1904	FEB	22	06	30	..	34.0	107.0	*	..	G	256	..	..	..	V	84
1904	MAR	09	07	26	..	34.0	107.0	*	..	G	256	..	..	..	V	84
1904	SEP	06	18	30	..	34.0	107.0	*	..	G	270	..	..	..	V	261
1906	APR	20	..	..	..	36.8	103.9	*	..	H	58	..	..	..	...	..
1906	APR	21	..	..	..	36.8	103.9	*	..	H	58	..	..	..	...	..
1906	JUL	02	10	15	..	34.0	107.0	*	..	F	257	..	..	..	V	257
1906	JUL	02	10	30	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	JUL	07	07	30	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1906	JUL	07	10	00	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1906	JUL	07	11	10	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1906	JUL	12	12	15	..	34.0	107.0		..	F	38	..	..	..	VII	257
1906	JUL	12	13	05	..	34.0	107.0	*	..	F	270	..	..	..	VI*	270
1906	JUL	16	13	00	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	JUL	16	17	00	..	34.0	107.0	*	..	F	257	..	..	..	III*	257
1906	JUL	16	19	00	..	34.0	107.0		..	F	38	..	..	..	VIII	38
1906	JUL	16	19	05	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	16	19	08	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	16	19	30	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	16	20	00	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	16	20	30	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	16	21	40	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	16	22	00	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	16	23	10	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	01	00	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	03	45	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	05	00	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	06	20	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	07	00	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	10	00	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	11	20	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	17	13	00	..	34.0	107.0	*	..	F	257	..	..	..	...	..
1906	JUL	18	23	00	..	34.0	107.0	*	..	F	270	..	..	..	V	270
1906	JUL	25	18	50	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	JUL	30	22	00	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	AUG	06	06	20	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	AUG	21	10	30	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	SEP	15	10	30	..	35.5	106.0	*	..	H	58	..	..	..	...	..
1906	OCT	12	20	45	..	34.0	107.0	*	..	G	257	..	..	..	IV*	257
1906	OCT	24	06	30	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	NOV	05	03	00	..	34.0	107.0	*	..	F	257	..	..	..	V*	257
1906	NOV	15	12	15	..	34.0	107.0		..	F	38	..	..	..	VIII*	257
1906	DEC	19	12	00	..	34.0	107.0	*	..	G	257	..	..	..	V*	257
1907	JUN	06	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1907	JUN	16	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1907	JUN	17	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1907	JUN	28	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1907	JUN	29	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1907	JUL	07	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1907	JUL	11	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1907	JUL	21	..	..	..	34.0	107.0	*	..	F	257	..	..	..	IV*	257
1913	JUL	18	..	..	..	34.0	107.0		..	G	38	..	..	..	...	..
1913	DEC	06	00	15	..	34.1	106.8		..	G	261	..	..	..	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1916	JUL	01	08	05	..	34.0	107.0	*	..	G	58	..	..	..	III	58
1918	MAY	28	11	30	..	35.5	106.0		..	F	84	..	..	..	VII*	38
1919	FEB	01	04	30	..	34.0	107.0		..	F	38	..	..	..	IV*	58
1919	FEB	01	20	30	..	34.0	107.0		..	F	38	..	..	..	V	38
1921	JUL	31	03	55	..	36.0	107.0		..	G	84	..	..	..	IV	58
1924	AUG	13	04	23	..	36.0	104.5		..	G	38	..	..	..	V	38
1928	MAR	15	13	30	..	34.4	106.8		..	F	1	..	..	..	III*	1
1928	MAR	15	17	40	..	34.4	106.8		..	F	1	..	..	..	IV	1
1930	MAR	23	18	56	..	35.1	106.6	*	..	F	3	..	..	..	IV*	3
1930	OCT	04	03	25	..	34.5	105.4		..	F	3	..	..	..	IV*	3
1930	DEC	03	21	36	..	35.1	106.6	*	..	F	3	..	..	..	V*	3
1930	DEC	04	22	30	..	35.1	106.6	*	..	F	3	..	..	..	III*	3
1931	JAN	28	04	28	..	35.1	106.6	*	..	F	4	..	..	..	III	270
1931	FEB	03	23	45	..	35.1	106.6	*	..	F	4	..	..	..	IV*	270
1931	FEB	05	04	48	..	35.1	106.6	*	..	F	4	..	..	..	VI	38
1931	FEB	12	20	40	..	35.6	105.2	*	..	F	4	..	..	..	II*	4
1931	APR	07	09	25	..	34.0	107.0	*	..	F	4	..	..	..	II*	4
1934	JAN	08	01	32	..	34.0	107.0		..	F	38	..	..	..	V	38
1934	FEB	28	..	..	..	34.4	106.8	*	..	F	7	..	..	..	V*	7
1934	MAY	07	05	22	..	32.7	108.2		..	F	38	..	..	..	V	7
1934	MAY	08	01	12	..	34.0	107.0	*	..	F	7	..	..	..	III	7
1934	MAY	08	04	00	..	34.1	107.2	*	..	F	7	..	..	..	IV*	7
1935	JAN	17	14	35	..	34.0	107.0	*	..	F	8	..	..	..	III	8
1935	JAN	17	14	50	..	34.0	107.0	*	..	F	8	..	..	..	III	8
1935	JAN	20	02	25	..	34.0	107.0	*	..	F	8	..	..	..	IV	8
1935	FEB	21	01	25	..	34.5	106.8		..	F	38	..	..	..	VI	38
1935	FEB	21	03	05	..	34.5	106.8	*	..	F	8	..	..	..	V	261
1935	DEC	13	06	30	..	34.7	106.8	*	..	F	8	..	..	..	IV	270
1935	DEC	15	06	45	..	34.8	106.8	*	..	F	8	..	..	..	IV	270
1935	DEC	15	09	..	..	34.7	106.8	*	..	F	270	..	..	..	IV	270
1935	DEC	15	10	..	..	34.7	106.8	*	..	F	270	..	..	..	IV	270
1935	DEC	15	18	..	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	16	13	45	..	34.7	106.8	*	..	F	270	..	..	..	IV	270
1935	DEC	16	18	..	..	34.7	106.8	*	..	F	270	..	..	..	VI	270
1935	DEC	16	22	00	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	17	04	30	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	17	14	30	..	34.7	106.8	*	..	F	270	..	..	..	V*	270
1935	DEC	17	15	00	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	18	05	33	18	34.7	106.8		..	F	38	..	..	..	VI	270
1935	DEC	19	01	57	00	34.7	106.8		..	F	266	..	..	..	V	270
1935	DEC	19	20	30	..	34.7	106.8	*	..	F	270	..	..	..	V	270
1935	DEC	20	01	30	..	34.7	106.8	*	..	F	270	..	..	..	IV	270
1935	DEC	20	05	30	..	34.4	103.2		..	F	268	..	..	..	V*	268
1935	DEC	20	08	00	..	34.7	106.8	*	..	F	270	..	..	..	V*	270
1935	DEC	20	10	30	..	34.7	106.8	*	..	F	270	..	..	..	VI*	270
1935	DEC	21	05	20	..	34.7	106.8	*	..	F	270	..	..	..	IV*	270
1935	DEC	21	07	30	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	21	11	30	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	21	12	00	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	22	01	56	..	34.7	106.8	*	..	F	8	..	..	..	V*	8
1935	DEC	23	00	15	..	34.7	106.8	*	..	F	270	..	..	..	IV*	270
1935	DEC	23	06	00	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1935	DEC	23	12	00	..	34.7	106.8	*	..	F	270	..	..	..	IV*	270
1935	DEC	24	11	45	..	34.7	106.8	*	..	F	270	..	..	..	III*	270
1935	DEC	24	18	50	..	34.7	106.8	*	..	F	270	..	..	..	IV*	270
1935	DEC	24	19	15	..	34.7	106.8	*	..	F	270	..	..	..	IV*	270
1935	DEC	27	15	00	..	34.7	106.8	*	..	F	270	..	..	..	III	270

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1935	DEC	28	19	05	..	34.7	106.8	*	..	F	270	..	..	..	V*	270
1935	DEC	28	22	15	..	34.7	106.8	*	..	F	270	..	..	..	IV*	270
1935	DEC	31	05	10	..	34.7	106.8	*	..	F	8	..	..	..	IV*	8
1936	JAN	02	17	30	..	34.7	106.8	*	..	F	270	..	..	..	III	270
1936	JAN	04	16	30	..	34.7	106.8	*	..	F	270	..	..	..	III*	270
1936	JAN	08	06	44	..	32.4	104.2		..	F	105	..	..	..	II*	9
1936	SEP	09	12	55	..	35.1	106.6	*	..	F	9	..	..	..	IV*	270
1936	SEP	09	12	57	..	35.1	106.6	*	..	F	9	..	..	..	II*	9
1936	SEP	11	23	54	..	35.1	106.6	*	..	F	270	..	..	..	III	270
1936	SEP	12	00	00	..	35.1	106.6	*	..	F	270	..	..	..	III	270
1936	SEP	12	00	05	..	35.1	106.6	*	..	F	270	..	..	..	III	270
1937	SEP	30	06	15	..	33.5	105.5		..	F	105	..	..	..	IV	105
1938	MAR	23	06	00	..	34.8	106.8	*	..	F	11	..	..	..	III*	11
1938	APR	15	21	00	..	35.1	106.6	*	..	F	11	..	..	..	III*	11
1938	APR	16	08	15	..	35.1	106.6	*	..	F	11	..	..	..	III*	11
1938	SEP	05	00	34	30	33.3	108.5		..	F	277	..	3.4TAG	2	...	..
1938	SEP	17	17	20	17	33.3	108.5		..	F	277	..	4.9TAG	2	VI	38
1938	SEP	17	18	29	54	33.3	108.5		..	F	277	..	2.6TAG	2	...	..
1938	SEP	17	19	38	24	33.3	108.5		..	F	277	..	3.4TAG	2	IV*	259
1938	SEP	18	01	21	00	33.3	108.5		..	F	277	..	3.7TAG	2	...	..
1938	SEP	18	01	48	54	33.3	108.5		..	F	277	..	2.6TAG	2	...	..
1938	SEP	18	16	19	06	33.3	108.5		..	F	277	..	3.8TAG	2	...	..
1938	SEP	19	00	25	33	33.3	108.5		..	F	277	..	2.7TAG	2	IV*	259
1938	SEP	19	10	42	59	33.3	108.5		..	F	277	..	3.7TAG	2	...	..
1938	SEP	20	05	39	00	33.3	108.5		..	F	277	..	4.3TAG	2	VI*	259
1938	SEP	21	05	54	05	33.3	108.5		..	F	277	..	2.7TAG	2	...	..
1938	SEP	21	17	09	04	33.3	108.5		..	F	277	..	2.6TAG	2	...	..
1938	SEP	22	20	12	31	33.3	108.5		..	F	277	..	3.0TAG	2	...	..
1938	SEP	22	20	15	15	33.3	108.5		..	F	277	..	2.9TAG	2	...	..
1938	SEP	23	03	59	41	33.3	108.5		..	F	277	..	3.1TAG	2	...	..
1938	SEP	23	10	26	11	33.3	108.5		..	F	277	..	3.0TAG	2	...	..
1938	SEP	24	00	23	37	33.3	108.5		..	F	277	..	2.7TAG	2	...	..
1938	SEP	24	15	23	36	33.3	108.5		..	F	277	..	3.4TAG	2	IV*	259
1938	SEP	26	23	28	27	33.3	108.5		..	F	277	..	2.5TAG	2	...	..
1938	SEP	29	23	31	44	33.3	108.5		..	F	277	..	4.3TAG	2	V*	259
1938	SEP	29	23	34	57	33.3	108.5		..	F	277	..	4.8TAG	2	VI*	259
1938	SEP	29	23	44	15	33.3	108.5		..	F	277	..	3.3TAG	2	...	..
1938	SEP	30	00	46	11	33.3	108.5		..	F	277	..	2.9TAG	2	...	..
1938	OCT	01	13	14	38	33.3	108.5		..	F	277	..	3.6TAG	2	...	..
1938	OCT	08	08	30	39	33.3	108.5		..	F	277	..	3.7TAG	2	...	..
1938	OCT	10	03	35	27	33.3	108.5		..	F	277	..	2.8TAG	2	...	..
1938	OCT	11	09	53	54	33.3	108.5		..	F	277	..	2.6TAG	2	...	..
1938	OCT	15	17	00	..	33.3	108.5	*	..	F	259	..	..	..	IV*	259
1938	OCT	17	17	45	..	33.3	108.5	*	..	F	259	..	..	..	IV*	259
1938	OCT	20	17	00	..	33.3	108.5	*	..	F	259	..	..	..	IV*	259
1938	OCT	30	22	10	46	33.3	108.5		..	F	277	..	3.3TAG	2	IV*	259
1938	NOV	01	03	15	..	33.3	108.5	*	..	F	259	..	..	..	V*	259
1938	NOV	01	08	26	06	33.3	108.5		..	F	277	..	3.8TAG	2	VI*	11
1938	NOV	02	08	59	58	33.3	108.5		..	F	277	..	4.3TAG	2	VI*	259
1938	NOV	09	22	25	..	33.3	108.5	*	..	F	259	..	..	..	IV*	259
1938	NOV	10	10	45	..	33.3	108.5	*	..	F	259	..	..	..	IV*	259
1938	NOV	11	10	26	18	33.3	108.5		..	F	277	..	3.9TAG	2	IV*	259
1938	NOV	22	18	11	43	33.3	108.5		..	F	277	..	2.6TAG	2	...	..
1938	NOV	26	23	00	37	33.3	108.5		..	F	277	..	3.2TAG	2	III*	259
1938	NOV	27	00	12	39	33.3	108.5		..	F	277	..	4.6TAG	2	V*	11
1938	NOV	27	00	18	40	33.3	108.5		..	F	277	..	2.7TAG	2	...	..
1938	DEC	11	04	23	25	33.3	108.5		..	F	277	..	2.6TAG	2	...	..

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1938	DEC	16	12	45	..	33.3	108.5	*	..	F	259	..	..	..	IV*	259
1938	DEC	28	22	07	05	33.3	108.5		..	F	277	..	3.9TAG	2	IV*	259
1939	JAN	01	04	42	35	33.3	108.5		..	F	277	..	2.9TAG	2	...	..
1939	JAN	02	13	15	28	33.3	108.5		..	F	277	..	2.6TAG	2	...	..
1939	JAN	18	11	52	47	33.3	108.5		..	F	277	..	2.9TAG	2	...	..
1939	JAN	18	13	57	11	33.3	108.5		..	F	277	..	2.6TAG	2	IV*	259
1939	JAN	20	12	17	20	33.3	108.5		..	F	277	..	3.7TAG	2	VI*	259
1939	JAN	29	04	30	..	36.9	106.6	*	..	G	12	..	..	..	III*	12
1939	JAN	29	23	50	20	33.3	108.5		..	F	277	..	2.9TAG	2	...	..
1939	JAN	31	17	10	..	32.9	107.6	*	..	G	12	..	..	..	IV*	12
1939	FEB	03	15	57	51	33.3	108.5		..	F	277	..	3.4TAG	2	...	..
1939	FEB	07	09	12	20	33.3	108.5		..	F	277	..	3.0TAG	2	...	..
1939	FEB	12	01	56	37	33.3	108.5		..	F	277	..	2.7TAG	2	...	..
1939	FEB	14	05	53	31	33.3	108.5		..	F	277	..	2.9TAG	2	...	..
1939	FEB	18	04	13	36	33.3	108.5		..	F	277	..	3.3TAG	2	...	..
1939	FEB	22	15	20	35	33.3	108.5		..	F	277	..	3.1TAG	2	...	..
1939	FEB	24	12	02	02	33.3	108.5		..	F	277	..	3.4TAG	2	...	..
1939	FEB	25	23	21	48	33.3	108.5		..	F	277	..	2.5TAG	2	...	..
1939	MAR	06	23	10	34	33.3	108.5		..	F	277	..	3.0TAG	2	...	..
1939	MAR	20	21	18	28	33.3	108.5		..	F	277	..	2.7TAG	2	...	..
1939	MAR	24	12	11	44	33.3	108.5		..	F	277	..	2.5TAG	2	...	..
1939	MAR	24	19	21	55	33.3	108.5		..	F	277	..	2.5TAG	2	...	..
1939	MAR	25	15	06	27	33.3	108.5		..	F	277	..	2.9TAG	2	...	..
1939	APR	08	09	42	24	33.3	108.5		..	F	277	..	2.5TAG	2	...	..
1939	APR	25	17	16	50	33.3	108.5		..	F	277	..	2.9TAG	2	III*	259
1939	APR	26	01	57	06	33.3	108.5		..	F	277	..	2.0TAG	2	III*	259
1939	MAY	05	21	57	..	33.3	108.5	*	..	F	259	..	..	..	IV*	259
1939	MAY	05	22	05	..	33.3	108.5	*	..	F	259	..	..	..	III*	259
1939	MAY	05	22	30	..	33.3	108.5	*	..	F	259	..	..	..	III*	259
1939	MAY	10	08	00	..	33.3	108.5	*	..	F	259	..	..	..	II*	259
1939	MAY	21	21	00	..	33.3	108.5	*	..	F	259	..	..	..	III*	259
1939	MAY	22	00	16	39	33.3	108.5		..	F	277	..	2.8TAG	2	IV*	259
1939	MAY	23	15	19	33	33.3	108.5		..	F	277	..	2.7TAG	2	IV*	259
1939	JUN	04	01	19	10	33.3	108.5		..	F	277	..	4.6TAG	2	VI*	259
1939	JUN	04	01	27	04	33.3	108.5		..	F	277	..	3.4TAG	2	...	..
1939	JUN	04	09	08	00	33.3	108.5		..	F	277	..	2.8TAG	2	...	..
1939	JUN	05	05	07	39	33.3	108.5		..	F	277	..	3.3TAG	2	...	..
1939	JUN	07	06	02	16	33.3	108.5		..	F	277	..	2.5TAG	2	...	..
1939	JUL	01	20	32	23	33.3	108.5		..	F	277	..	4.0TAG	2	...	..
1939	JUL	01	20	36	41	33.3	108.5		..	F	277	..	3.0TAG	2	...	..
1939	JUL	02	13	08	01	33.3	108.5		..	F	277	..	2.7TAG	2	...	..
1939	JUL	17	06	58	25	33.3	108.5		..	F	277	..	3.7TAG	2	...	..
1939	JUL	22	06	40	59	33.3	108.5		..	F	277	..	2.2TAG	2	III*	259
1939	JUL	29	00	24	05	33.3	108.5		..	F	277	..	2.7TAG	2	IV*	259
1940	MAY	17	05	10	..	35.0	107.9	*	..	G	259	..	..	..	III*	259
1941	AUG	04	07	39	..	34.0	107.0	*	..	F	14	..	..	..	V*	259
1942	DEC	28	03	45	..	34.1	107.2	*	..	F	15	..	..	..	IV	259
1943	DEC	27	04	00	..	33.1	106.0	*	..	F	259	..	..	..	IV	259
1947	NOV	06	16	50	..	35.2	106.3	*	..	F	259	..	..	..	VI	259
1947	DEC	15	01	30	..	32.2	107.2	*	..	F	20	..	..	..	V	259
1949	FEB	02	23	00	..	32.4	104.2		..	F	105	..	..	..	IV*	105
1949	MAY	23	07	22	..	34.6	105.2		..	F	38	..	..	..	VI	38
1952	MAY	22	04	20	..	33.0	105.0	*	..	G	25	..	..	..	IV	259
1952	AUG	04	03	42	..	36.5	105.0		..	C	38	..	..	..	V	38
1952	AUG	17	10	45	..	35.8	106.3	*	..	F	25	..	..	..	V	25
1954	NOV	02	17	..	..	35.2	106.7	*	..	F	27	..	..	..	IV	27

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1954	NOV	03	20	39	..	35.2	106.7 *	..	F	27	..	.. ..	V	27
1955	AUG	12	16	20	..	35.7	106.0 *	..	F	28	..	.. ..	V	28
1956	APR	26	03	30	..	35.2	106.3 *	..	F	29	..	.. ..	V	29
1960	JUL	22	15	49	30	34.30	106.85	..	C	261	..	.. ..	V	33
1960	JUL	23	14	15	..	34.35	106.85	..	C	261	..	.. ..	VI	33
1960	JUL	24	10	37	..	34.3	106.8	..	C	261	..	.. ..	V	33
1960	OCT	25	19	20	..	34.0	107.0	..	F	259	..	.. ..	III	33
1960	DEC	19	23	29	..	34.0	107.0 *	..	F	259	..	.. ..	V	259
1961	JAN	28	06	33	..	34.0	107.0 *	..	F	259	..	.. ..	IV	34
1961	JUL	03	07	06	..	34.10	106.95	..	C	261	..	.. ..	VI	34
1961	DEC	10	19	00	00.0	32.26	103.86x	000	A	74	..	.. ..	...	..
1962	JAN	03	23	29	52.6	35.32	103.64	..	B	261	..	2.6NMI 1	...	..
1962	SEP	01	16	15	07.9	34.16	106.66	..	B	261	..	3.0NMI 1	...	..
1963	JUN	06	08	05	36.3	36.5	104.3	033	C	74	3.8	2.7NMI 1	...	..
1963	DEC	19	16	47	28.4	35.14	104.13	..	B	261	..	2.9NMI 1	...	..
1964	JAN	17	22	00	42.8	36.71	108.25x	033	D	299	..	.. ..	...	..
1965	FEB	03	11	32	35	35.4	103.4	..	G	268	..	2.9NMI 1	IV	75
1965	MAR	09	19	04	48.5	33.87	106.90	..	B	261	..	2.5NMI 1	...	..
1965	JUL	28	04	38	53.4	33.80	106.70	..	B	261	..	2.6NMI 1	...	..
1965	DEC	22	03	33	29.6	34.02	106.78	..	C	261	..	2.2NMI 1	IV	75
1965	DEC	22	04	04	51.9	34.02	106.78	..	C	261	..	1.9NMI 1	IV	75
1965	DEC	29	00	05	24.1	35.03	105.78	..	B	261	..	2.6NMI 1	...	..
1966	JAN	23	01	56	38.1	36.98	107.02	003	A	264	5.1	5.1NUT 2	VII	81
1966	JAN	23	02	08	34.7	36.98	107.03	007	A	264	2.8	3.0TGG 2	IV*	81
1966	JAN	23	02	13	14.1	36.95	107.05	010	A	264	2.7	2.8TGG 2	III*	81
1966	JAN	23	02	14	04	36.98	107.02	005	A	295	..	2.5TGG 2	...	..
1966	JAN	23	06	14	15.5	36.95	107.06	011	A	264	3.3	2.8TGG 2	IV*	81
1966	JAN	23	08	58	20	36.98	107.02	010	A	295	..	1.6TGG 2	III*	81
1966	JAN	23	09	51	29	36.98	107.02	010	A	295	..	1.3TGG 2	III*	81
1966	JAN	23	10	53	09.8	36.97	107.06	009	A	264	..	2.4TGG 2	III*	81
1966	JAN	23	11	01	06.6	36.98	107.07	010	A	264	3.3	2.8TGG 2	IV*	81
1966	JAN	23	12	14	36.3	36.98	106.99	015	A	264	2.5	2.2TGG 2	III*	81
1966	JAN	23	14	22	50	36.98	107.00	005	A	295	..	1.7TGG 2	III*	81
1966	JAN	23	19	43	19.3	36.98	107.03	009	A	264	3.0	3.0TGG 2	III*	81
1966	JAN	23	20	42	17.8	36.99	107.08	010	A	264	..	2.3TGG 2	...	..
1966	JAN	23	23	48	09.3	36.98	107.01	012	A	264	3.8	3.9TGG 2	V	38
1966	JAN	24	01	31	27.7	36.98	107.06	011	A	264	..	1.9TGG 2	III*	81
1966	JAN	24	09	00	31.0	37.00	107.06	013	A	264	..	2.3TGG 2	III*	81
1966	JAN	24	22	06	49.3	36.96	106.98	005	A	264	..	2.4TGG 2	III*	81
1966	JAN	25	10	38	05.1	37.00	106.99	013	A	264	3.3	3.2TGG 2	IV*	81
1966	JAN	25	15	06	37	36.98	107.02	005	A	295	2.5	2.6TGG 2	...	..
1966	JAN	25	15	32	47.3	36.98	106.94	012	A	264	..	2.3TGG 2	III*	81
1966	JAN	25	15	45	..	37.0	107.0 *	..	F	81	..	.. ..	III*	81
1966	JAN	25	19	53	06.3	36.99	106.98	012	A	264	..	2.5TGG 2	...	..
1966	JAN	26	00	25	28	36.98	107.02	005	A	295	..	2.4TGG 2	III*	81
1966	JAN	27	03	59	00.8	37.03	106.97	003	A	264	..	2.4TGG 2	III*	81
1966	JAN	27	04	20	21	36.98	107.02	005	A	295	..	2.1TGG 2	III*	81
1966	JAN	27	07	48	29.5	36.97	106.97	001	A	264	2.5	2.4TGG 2	IV	81
1966	JAN	27	07	48	44	36.98	107.02	005	A	295	..	2.6TGG 2	IV	81
1966	JAN	27	09	28	58.9	37.02	107.03	003	A	264	..	2.0TGG 2	IV	81
1966	JAN	27	09	29	31	36.98	107.02	005	A	295	..	2.7TGG 2	IV	81
1966	JAN	27	09	31	14	36.98	107.02	005	A	295	..	2.2TGG 2	III*	259
1966	JAN	27	12	46	47	36.98	107.02	005	A	295	..	1.6TGG 2	III*	259
1966	JAN	28	05	32	20.0	37.01	107.03	014	A	264	..	1.8TGG 2	III*	81
1966	JAN	28	06	55	28.9	36.94	106.99	002	A	264	..	2.0TGG 2	IV*	81
1966	JAN	28	14	53	01.7	36.98	106.94	009	A	264	..	2.2TGG 2	IV*	81
1966	JAN	29	11	21	51.2	36.98	106.98	000	A	264	3.0	3.0TGG 2	IV*	259

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D A T E YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1966	JAN	29	18	38	48.3	36.98	106.99	000	A	264	..	2.3TGG 2	III*	81
1966	JAN	29	19	25	06.0	36.96	106.97	000	A	264	..	2.3TGG 2	III*	81
1966	JAN	29	20	01	53.7	36.8	107.1	005	C	266	..	1.6TGG 2	III	81
1966	JAN	31	15	43	52.8	36.94	106.93	004	A	264	2.3	2.4TGG 2	IV	81
1966	FEB	02	21	11	00	36.98	107.02	005	A	295	..	1.4TGG 2	IV	81
1966	FEB	06	12	03	52.4	36.9	107.1	005	B	266	..	2.1TGG 2	III	81
1966	FEB	06	12	06	18	36.98	107.02	005	A	295	..	2.2TGG 2	III	81
1966	FEB	11	06	22	18.4	36.99	107.03	002	A	264	..	1.9TGG 2	III*	81
1966	FEB	11	12	08	44.3	36.96	106.99	000	A	264	..	2.0TGG 2	III*	81
1966	FEB	13	06	01	27.9	36.97	106.96	003	A	264	..	2.2TGG 2	III*	81
1966	FEB	13	06	21	31.2	36.97	106.98	004	A	264	..	1.9TGG 2	III*	81
1966	FEB	13	06	32	21.4	36.9	106.9	005	B	74	..	1.7TGG 2	III*	81
1966	FEB	17	00	27	14	36.98	107.02	005	A	295	2.5	2.8TGG 2	...	..
1966	FEB	18	17	56	14	36.98	107.02	005	A	295	2.6	2.6TGG 2	...	..
1966	FEB	26	18	07	00	36.98	107.02	005	A	295	..	1.2TGG 2	III	259
1966	FEB	27	18	07	51.5	36.9	107.0	005	B	74	3.2	2.8TGG 2	IV*	81
1966	MAR	22	04	39	50	36.98	107.02	005	A	295	2.8	2.7TGG 2	...	..
1966	MAR	24	08	24	04.5	37.0	107.1	005	B	74	..	2.3TGG 2	...	..
1966	MAR	24	20	10	59.3	36.8	108.3 x	005	C	266	..	.. ..	...	..
1966	APR	14	15	07	29.5	37.0	107.0	005	A	266	3.3	3.2TGG 2	...	..
1966	APR	28	11	07	28.9	37.0	107.1	033	A	266	..	2.3TGG 2	...	..
1966	MAY	04	05	40	37.5	36.8	107.1	005	C	74	2.4	2.5TGG 2	...	..
1966	MAY	08	17	23	38.3	36.9	107.0	005	B	266	3.5	3.5TGG 2	...	..
1966	MAY	08	17	50	36.8	37.0	107.0	005	A	266	3.2	3.4TGG 2	...	..
1966	MAY	09	01	26	45.0	37.0	106.8	005	B	74	2.5	2.7TGG 2	...	..
1966	MAY	09	02	08	53.6	36.9	107.0	005	B	266	2.5	2.7TGG 2	...	..
1966	MAY	09	02	57	23.6	37.0	106.9	005	B	74	3.0	3.3TGG 2	...	..
1966	MAY	19	00	26	42.2	36.9	107.0	005	B	266	3.3	3.3TGG 2	V*	81
1966	JUN	01	17	17	12.9	36.9	107.0	005	B	266	3.0	3.4TGG 2	...	..
1966	JUN	02	21	59	11.6	36.9	107.0	005	B	266	3.3	3.3TGG 2	...	..
1966	JUN	04	10	29	39.6	36.9	107.0	005	B	266	3.0	3.1TGG 2	...	..
1966	JUN	08	23	33	14.9	36.9	107.1	005	B	266	..	2.4TGG 2	...	..
1966	JUN	21	05	24	38.2	36.9	107.1	005	B	266	3.0	2.8TGG 2	...	..
1966	JUN	26	18	41	40.5	36.9	107.2	005	B	266	..	2.3TGG 2	...	..
1966	JUL	24	02	48	50.2	36.9	107.0	005	B	266	2.4	2.6TGG 2	...	..
1966	AUG	02	13	54	38.2	36.9	107.2	005	B	266	..	2.4TGG 2	...	..
1966	AUG	12	09	18	53.9	36.6	107.2	005	C	266	2.8	2.4TGG 2	...	..
1966	SEP	09	17	43	58.4	36.7	108.3 x	033	C	266	..	.. ..	...	..
1966	SEP	24	07	33	46.4	36.5	105.0	018	C	266	3.8	2.7NMI 1	IV	81
1966	SEP	24	08	27	10.2	36.5	105.0	033	C	266	3.4	2.4NMI 1	...	..
1966	SEP	25	10	10	40.9	36.4	105.1	020	C	74	3.8	2.7NMI 1	IV*	81
1966	SEP	25	12	22	40.5	36.5	105.1	020	C	266	3.6	2.8NMI 1	IV*	81
1966	DEC	16	02	00	40	36.98	107.02	005	A	295	4.1	3.2TGG 2	...	..
1967	JAN	06	15	41	13	36.98	107.02	005	A	295	3.4	3.1TGG 2	...	..
1967	DEC	10	19	30	00.1	36.68	107.21x	000	A	74	5.1	.. ..	...	..
1968	MAR	09	21	54	25.7	32.70	106.05	..	B	261	..	2.9NMI 1	...	..
1968	MAY	02	02	56	43.8	33.02	105.27	..	B	261	..	2.6NMI 1	...	..
1969	JAN	30	05	17	38.4	34.22	106.75	..	B	261	4.1	3.4NMI 1	V	42
1969	JUL	04	14	43	34.0	36.1	106.1	010	B	74	4.4	2.8NMI 1	IV	42
1969	AUG	23	21	41	54.2	34.70	108.44	..	B	261	3.9	2.7NMI 1	...	..
1970	JAN	12	11	21	15.1	35.89	103.40	..	C	261	3.5	3.3NMI 1	VI	43
1970	NOV	28	07	40	11.8	35.10	106.61	..	B	261	4.5	3.8GS 1	VI	43
1971	JAN	04	07	39	07.0	35.10	106.60	..	B	261	4.7	3.5NMI 1	VI	44
1971	JAN	04	13	15	..	35.0	106.7 *	..	F	44	..	.. ..	V	44
1971	JAN	06	10	56	31.5	34.15	106.79	..	B	261	..	2.7NMI 1	IV*	44
1971	JAN	27	07	56	28.3	34.06	106.60	..	B	261	..	2.6NMI 1	...	..
1971	FEB	18	11	28	13.7	36.22	105.71	005	C	74	3.7	2.8NMI 1	III*	44

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1971	APR	28	11	36	52.7	35.79	105.56	005	C	74	4.0	2.7NMI	1	...	..
1971	JUN	04	03	55	15.9	35.8	105.6	005	C	44	3.8	.. ..		...	..
1971	DEC	06	05	18	13.7	36.06	106.32	005	B	74	4.2	3.2GS	1	V	44
1971	DEC	06	05	30	..	36.1	106.3	..	F	72	..	.. ..		IV*	72
1971	DEC	06	11	20	..	36.1	106.3	..	F	72	..	.. ..		III*	72
1971	DEC	06	22	40	..	36.1	106.3	..	F	72	..	.. ..		III*	72
1971	DEC	10	..	..	..	36.1	106.3	..	F	72	..	.. ..		III*	72
1971	DEC	10	05	45	..	36.1	106.3	..	F	72	..	.. ..		III*	72
1972	MAR	28	01	53	33.7	36.17	106.06	..	B	261	..	2.7NMI	1	...	..
1972	MAY	20	19	15	45.7	35.40	107.36	..	B	261	..	2.7NMI	1	...	..
1972	JUL	26	04	35	43.9	32.68	103.98	..	B	261	..	2.9NMI	1	...	..
1972	NOV	24	01	13	33.2	32.03	108.34	..	B	261	..	2.7NMI	1	...	..
1972	DEC	18	04	07	36.2	35.42	107.16	..	B	261	..	2.7NMI	1	...	..
1973	MAR	17	07	43	05.5	36.09	106.17	006	C	74	4.5	2.4NMI	1	III*	46
1973	MAR	22	02	45	50.0	31.35	108.50	..	B	261	..	2.9NMI	1	...	..
1973	SEP	10	20	29	23.7	34.42	106.85	..	B	261	..	2.4NMI	1	III*	46
1973	SEP	22	23	38	35.8	34.47	106.95	005	C	74	..	3.1GS	1	III*	46
1973	DEC	24	02	20	14.9	35.26	107.74	018	B	74	4.4	4.1GS	1	VI	46
1974	SEP	26	23	44	08.5	32.80	106.20	..	B	261	..	3.0NMI	1	...	..
1974	SEP	29	13	13	49.1	33.60	108.61	005	C	47	..	3.2NMI	1	...	..
1974	NOV	21	16	22	58.6	32.50	106.30	..	B	261	..	2.7NMI	1	...	..
1974	NOV	28	03	35	20.5	32.31	104.14	005	B	47	3.9	3.7GS	1	...	..
1975	FEB	02	20	39	22.6	35.10	103.10	..	B	261	..	2.9NMI	1	...	..
1975	MAR	05	03	48	04.9	34.55	107.05	005	B	48	..	2.7GS	1	II	48
1975	MAR	06	07	56	55.9	34.55	107.14	..	A	261	..	2.8GS	1	...	..
1975	MAR	07	03	16	13.0	34.55	107.16	..	A	261	..	3.0GS	1	...	..
1975	MAR	07	17	36	08.7	34.55	107.16	..	A	261	..	2.9NMI	1	...	..
1975	JUN	26	07	03	43.4	36.95	105.45	..	B	261	..	2.9NMI	1	...	..
1975	SEP	29	11	09	42.9	35.96	106.79	005	B	48	..	2.8GS	1	...	..
1975	DEC	03	10	12	22.8	32.83	108.66	027	B	48	..	3.9GS	1	V	48
1976	JAN	05	06	23	32.9	35.84	108.34	025	A	49	5.0	4.6GS	1	VI	49
1976	JAN	14	07	01	32.0	34.17	106.81	000	B	49	..	2.2NMI	1	II	49
1976	APR	06	18	09	00.2	33.90	106.00	..	B	261	..	2.7NMI	1	...	..
1976	APR	21	08	40	07.4	32.21	103.10	000	A	170	..	2.5RO	6	...	..
1976	MAY	01	11	13	40.8	32.27	103.14	..	A	170	..	3.0RO	6	...	..
1976	MAY	20	19	43	21.9	35.47	109.04	005	C	49	..	2.5GS	1	IV	49
1976	JUN	24	15	27	32.0	35.62	103.28	005	B	49	..	3.5GS	1	V	49
1976	SEP	17	02	47	45.4	32.21	103.10	000	A	170	..	3.0RO	6	...	..
1976	DEC	19	23	56	46.5	32.26	103.08	001	A	170	..	2.9RO	6	...	..
1977	JAN	04	18	31	37.6	32.36	106.92	005	B	39	..	3.2GS	1	V	39
1977	MAR	05	03	00	54.7	35.91	108.29	022	A	39	4.6	4.2GS	1	VI	39
1977	APR	07	05	45	39.4	32.23	103.07	002	A	170	..	2.9RO	6	...	..
1979	OCT	20	21	05	34.0	33.90	106.72	..	B	286	..	2.9NMI	1	...	..
1979	OCT	25	22	12	08.7	34.05	107.05	..	B	286	..	3.0NMI	1	...	..
1980	MAR	22	00	49	12.5	34.59	105.91	005	B	300	..	3.4GS	1	IV	300
1980	SEP	11	17	34	37.5	36.46	105.19	005	B	300	..	3.1GS	1	V	300

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D A T E YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1737	DEC	19	03	45	..	40.8	74.0		..	H	76	..	..	..	VII	76
1804	MAY	18	..	..	..	40.7	74.0		..	H	141	..	..	..	III	76
1840	JAN	16	20	00	..	43.0	75.0		..	H	126	..	..	..	VI	126
1841	JAN	25	..	..	..	40.7	74.0		..	H	141	..	..	..	III	76
1847	JAN	12	04	30	..	42.6	73.7		..	I	126	..	..	..	II	126
1847	JUL	09	..	..	..	43.3	73.7		..	I	141	..	..	..	III	76
1847	SEP	29	..	..	..	40.5	70.4		..	H	76	..	..	..	V	76
1852	DEC	15	21	00	..	43.4	78.2	*	..	H	126	..	..	..	III	76
1853	MAR	12	07	30	..	43.7	75.5		..	H	76	..	..	..	VI	76
1855	JAN	17	..	..	..	40.8	73.6		..	H	76	..	..	..	II	76
1855	FEB	07	04	30	..	42.0	74.0	x	..	H	76	..	..	..	VI	76
1855	DEC	17	19	00	..	43.3	73.7		..	G	126	..	..	..	IV	76
1857	OCT	23	20	15	..	43.2	78.6		..	I	76	..	..	..	VI	76
1858	JAN	01	22	00	..	43.2	78.7		..	I	84	..	..	..	III	84
1867	DEC	18	08	00	..	44.7	75.2		..	H	126	..	..	..	VI	126
1872	JUL	11	10	25	..	40.9	73.8		..	H	76	..	..	..	V	38
1873	MAR	18	..	..	..	44.6	75.1		..	H	141	..	..	..	II	76
1873	APR	25	19	00	..	44.8	74.2		..	H	76	..	..	..	V	76
1874	JAN	05	21	00	..	44.7	75.5		..	G	141	..	..	..	II	76
1874	DEC	11	03	25	..	40.9	73.8		..	G	38	..	..	..	V	76
1874	DEC	13	04	..	..	41.4	73.9	*	..	H	58	..	..	..	II*	58
1876	JAN	08	21	30	..	43.2	78.7		..	G	126	..	..	..	II	76
1877	MAY	11	..	..	..	42.8	73.7	*	..	H	58	..	..	..	II*	58
1877	MAY	14	..	..	..	42.8	73.9		..	G	76	..	..	..	II	76
1877	NOV	04	06	56	..	44.5	74.0		..	G	38	..	..	..	VII	38
1877	NOV	14	14	40	..	45.0	74.8		..	H	126	..	..	..	III	126
1878	FEB	05	16	20	..	40.8	73.9		..	G	141	..	..	..	V	76
1878	OCT	04	07	30	..	41.5	74.0		..	G	76	..	..	..	V	76
1878	DEC	25	02	..	..	40.8	73.8		..	G	141	..	..	..	II	76
1878	DEC	29	02	32	..	42.7	74.3		..	G	141	..	..	..	III	76
1879	APR	14	16	15	..	45.0	74.8	*	..	H	58	..	..	..	II*	58
1880	SEP	06	07	00	..	45.0	74.8		..	H	126	..	..	..	III	76
1881	MAR	19	02	30	..	42.8	73.9		..	G	141	..	..	..	III	76
1881	APR	21	16	30	..	40.9	73.1		..	H	141	..	..	..	III	76
1881	SEP	25	..	..	..	42.1	76.8		..	G	141	..	..	..	II	76
1882	APR	02	..	..	..	42.9	74.2		..	H	76	..	..	..	II	76
1882	SEP	13	..	..	..	43.0	77.7	*	..	H	58	..	..	..	II*	58
1884	AUG	10	19	07	..	40.6	74.0		..	G	76	..	..	..	VII	76
1884	AUG	11	..	..	..	40.6	74.0		..	H	126	..	..	..	V	126
1885	JAN	04	11	06	..	41.3	73.9		..	G	141	..	..	..	III	76
1885	JAN	31	10	05	..	41.3	73.8		..	G	141	..	..	..	III	76
1886	JAN	25	00	04	..	41.6	73.8		..	G	126	..	..	..	IV	126
1886	SEP	03	..	..	..	42.5	73.4		..	H	126	..	..	..	II	126
1886	SEP	09	..	..	..	42.5	73.4		..	H	126	..	..	..	II	126
1889	AUG	10	..	..	..	43.4	73.7		..	H	126	..	..	..	IV	126
1893	MAR	09	05	30	..	40.6	74.0		..	H	76	..	..	..	V	76
1894	DEC	17	..	..	..	42.5	73.8		..	H	126	..	..	..	IV	126
1896	MAY	20	..	..	..	43.2	75.2		..	H	126	..	..	..	II	126
1897	MAY	28	03	16	..	44.5	73.5		..	H	126	..	..	..	VI	76
1903	DEC	25	12	30	..	44.7	75.5		..	G	76	..	..	..	V	76

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1907	JAN	24	07	30	..	42.8	74.0	x	..	H	227	..	..	..	IV	227
1907	JAN	24	11	30	..	42.8	74.0		..	G	76	..	..	..	IV	76
1910	MAR	03	11	15	..	44.3	74.2		..	G	141	..	..	..	III	76
1910	MAY	01	20	..	..	40.7	73.5		..	G	76	..	..	..	II	76
1911	JAN	29	07	..	..	44.7	75.5		..	G	141	..	..	..	III	76
1913	AUG	10	15	15	..	44.0	74.0		..	H	76	..	..	..	IV	76
1915	FEB	21	23	41	..	44.7	73.4		..	G	76	..	..	..	IV	76
1916	JAN	05	13	56	..	43.7	73.7		..	G	76	..	..	..	V	76
1916	FEB	02	16	26	..	42.9	74.0		..	G	141	..	..	..	V	38
1916	FEB	03	04	20	..	43.0	74.0		..	H	126	..	..	..	V	126
1916	JUN	08	21	15	..	41.0	73.8		..	G	76	..	..	..	IV	76
1916	OCT	30	..	..	..	43.3	73.7		..	H	226	..	..	..	III	226
1916	NOV	02	02	32	..	43.3	73.7		..	G	76	..	..	..	V	76
1917	JAN	26	..	..	..	44.4	74.1		..	H	126	..	..	..	II	126
1917	MAY	17	10	08	..	44.7	75.5	*	..	G	58	..	..	..	II*	58
1917	OCT	02	02	14	..	43.3	73.7		..	G	76	..	..	..	III	76
1921	JAN	19	10	00	..	43.3	73.7	x	..	G	76	..	..	..	IV	76
1921	JAN	27	..	..	..	43.3	73.7	x	..	G	76	..	..	..	IV	76
1922	DEC	08	21	24	..	44.5	75.2		..	G	58	..	..	..	V	58
1925	APR	07	20	18	..	43.0	76.1		..	G	141	..	..	..	III	76
1925	MAY	23	..	..	..	43.4	77.1		..	G	76	..	..	..	III	76
1926	JAN	27	..	..	..	44.3	74.1		..	G	76	..	..	..	IV	76
1926	MAY	12	03	30	..	40.9	73.9		..	G	38	..	..	..	V	38
1926	MAY	22	..	..	..	41.7	73.9		..	G	141	..	..	..	II	76
1927	MAR	12	22	14	..	44.6	75.2		..	G	76	..	..	..	IV	76
1927	MAR	14	14	15	..	44.6	75.4		..	G	76	..	..	..	IV	76
1927	MAR	29	20	30	..	43.0	76.1		..	G	141	..	..	..	III	76
1927	MAR	31	21	00	..	43.0	76.1		..	G	141	..	..	..	III	76
1927	MAR	31	21	30	..	43.0	76.1		..	G	76	..	..	..	III	76
1927	OCT	24	11	00	..	44.7	73.7		..	G	141	..	..	..	IV	76
1928	MAR	18	15	20	..	44.5	74.3		..	G	38	..	4.1	WES 1	VI	38
1928	MAR	19	03	20	..	44.5	74.3		..	G	126	..	..	..	III	76
1929	JUN	05	07	00	..	44.8	74.3		..	G	2	..	..	..	III	77
1929	AUG	12	06	..	..	42.2	77.2		..	I	77	..	..	..	III	77
1929	AUG	12	08	45	..	42.9	78.4		..	H	126	..	..	..	III	126
1929	AUG	12	11	24	48.7	42.91	78.40		009	A	201	..	5.2	ST 2	VIII	77
1929	DEC	02	22	14	..	42.8	78.3		..	F	77	..	..	..	IV	77
1929	DEC	03	12	50	..	42.8	78.3		..	F	77	..	..	..	IV	77
1930	JAN	04	..	..	..	43.1	75.3		..	G	3	..	..	..	II	77
1930	JAN	17	..	..	..	42.8	78.3		..	G	3	..	..	..	II*	3
1930	NOV	02	02	35	..	44.8	74.3		..	G	3	..	..	..	III	77
1931	APR	20	19	54	30.6	43.47	73.79		005	A	201	..	4.7	ST 2	VII	4
1931	APR	22	..	..	..	42.9	78.9		..	G	77	..	..	..	IV	77
1931	MAY	04	18	43	..	44.8	74.3		..	G	77	..	..	..	III	77
1931	JUN	07	00	00	..	43.2	77.6		..	G	77	..	..	..	II	77
1931	JUN	07	02	30	..	43.2	77.6		..	G	4	..	..	..	II*	4
1931	NOV	03	15	30	..	44.6	75.2		..	G	4	..	..	..	II	77
1932	DEC	07	03	15	..	44.3	74.1		..	G	5	..	..	..	IV	77
1932	DEC	07	04	05	..	44.3	74.1		..	G	5	..	..	..	IV*	5
1932	DEC	07	16	45	..	44.4	74.1		..	G	77	..	..	..	III	77
1932	DEC	29	04	28	..	44.0	73.9	x	..	G	5	..	..	..	V*	5
1933	MAY	20	19	57	..	44.8	74.7		..	G	77	..	..	..	III	77
1933	JUN	26	14	10	..	41.0	73.8		..	G	141	..	..	..	III	77
1933	OCT	29	..	..	..	43.0	74.7		..	H	38	..	..	..	IV	38
1934	APR	15	02	58	13.0	44.7	73.8		..	C	77	..	4.5	OTT 1	VI	126
1934	APR	15	18	05	..	44.8	74.3		..	G	77	..	..	..	III	77

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1934	JUN	05	20	11	..	44.8	74.3		..	G	77	..	..	..	III	77
1935	JAN	28	06	00	..	44.8	74.3		..	G	77	..	..	..	IV	77
1935	JAN	28	09	01	32	44.8	74.3		..	G	77	..	3.2OTT	1	III	77
1935	NOV	01	06	30	..	42.6	74.6		..	G	77	..	..	..	II	77
1936	JUN	21	03	40	..	44.7	74.2		..	G	77	..	..	..	III	77
1936	JUN	21	03	..	..	44.7	74.2	*	..	G	9	..	..	..	II*	9
1936	JUN	21	04	..	..	44.7	74.2	*	..	G	9	..	..	..	II*	9
1936	JUN	21	04	..	..	44.7	74.2	*	..	G	9	..	..	..	IV*	9
1936	JUN	21	04	40	..	44.7	74.2	*	..	G	9	..	..	..	IV*	9
1937	FEB	21	12	..	..	42.1	76.8		..	G	77	..	..	..	II	77
1937	MAR	10	05	30	..	44.6	75.2		..	G	77	..	..	..	IV	77
1937	JUL	19	03	51	..	40.7	73.7		..	D	10	..	..	..	IV	10
1937	OCT	12	03	..	..	41.2	73.8		..	H	77	..	..	..	II	77
1937	OCT	12	06	..	..	41.2	73.8		..	H	77	..	..	..	II	77
1938	MAY	05	00	35	..	44.8	74.3	*	..	G	11	..	..	..	IV*	11
1938	JUL	29	07	44	07	41.0	73.7		..	G	77	..	..	..	III	77
1938	AUG	23	05	18	23	41.2	73.7		..	G	77	..	..	..	III	77
1938	AUG	23	07	11	46	41.2	73.7		..	G	77	..	..	..	III	77
1938	OCT	21	07	18	55	41.2	73.7		..	C	77	..	..	..	II	77
1938	NOV	18	22	19	06	44.8	75.3		..	F	11	..	..	..	V	126
1939	FEB	21	..	..	..	44.8	74.3		..	G	77	..	..	..	II	77
1939	FEB	24	00	20	..	42.9	78.3		..	F	77	..	..	..	III	77
1939	JUN	01	03	36	..	44.6	75.2		..	F	77	..	..	..	III	77
1939	SEP	21	20	30	01	41.4	74.1		..	F	77	..	..	..	II	77
1939	OCT	21	08	59	33	43.3	73.3		..	C	77	..	..	..	II	77
1939	OCT	25	14	46	39	42.2	73.8		..	C	77	..	..	..	II	77
1940	APR	12	01	58	10	42.8	74.6		..	G	77	..	..	..	II	77
1940	APR	13	08	23	27	44.8	74.9		..	C	77	..	2.6OTT	1	...	..
1940	APR	27	22	31	..	40.0	72.0		..	H	126	..	..	..	II	126
1940	APR	27	22	37	..	40.0	72.0		..	H	126	..	..	..	II	126
1940	APR	27	22	44	..	40.0	72.0		..	H	126	..	..	..	II	126
1940	MAY	10	19	23	..	40.0	72.0		..	H	126	..	..	..	II	126
1940	MAY	20	01	26	..	44.6	75.2		..	G	77	..	..	..	II	77
1940	JUN	04	18	13	..	40.0	72.0		..	H	126	..	..	..	II	126
1940	JUN	04	18	14	..	40.0	72.0		..	H	126	..	..	..	II	126
1940	SEP	26	23	30	15	44.7	73.4		..	C	77	..	2.9OTT	1	III	126
1941	FEB	01	18	28	..	44.6	75.2		..	F	77	..	..	..	II	77
1941	APR	03	19	52	58	44.7	73.9		..	D	77	..	2.5OTT	1	...	..
1941	APR	04	08	10	44	44.7	73.9		..	C	77	..	3.3OTT	1	...	..
1941	APR	29	14	05	35	40.5	72.5		..	C	77	..	2.5OTT	1	...	..
1941	JUL	29	00	24	..	41.1	73.8		..	G	126	..	..	..	III	126
1941	OCT	09	22	07	..	44.0	75.9		..	G	77	..	..	..	II	77
1941	OCT	20	21	29	..	44.0	75.9		..	G	77	..	..	..	II	77
1941	OCT	21	05	23	45	44.8	74.8		..	D	77	..	2.2OTT	1	...	..
1941	OCT	21	06	10	41	44.8	74.8		..	C	77	..	3.3OTT	1	...	..
1941	DEC	12	23	28	57	44.9	73.7		..	C	77	..	2.7OTT	1	II	126
1942	JAN	31	04	11	57	44.7	73.9		..	C	77	..	2.7OTT	1	...	..
1942	MAY	24	07	15	14	44.7	73.8		..	C	77	..	2.9OTT	1	...	..
1942	MAY	24	11	33	57	44.7	73.8		..	C	77	..	3.9OTT	1	...	..
1942	OCT	01	20	58	22	44.0	73.5		..	D	77	..	2.5OTT	1	...	..
1942	OCT	02	22	29	51	42.5	73.8		..	C	77	..	3.0OTT	1	...	..
1943	MAY	09	11	03	19	44.8	73.8		..	C	77	..	3.2OTT	1	...	..
1943	JUN	11	22	51	..	41.1	71.8		..	G	126	..	..	..	II	126
1943	OCT	15	23	00	02	44.4	74.2		..	D	77	..	2.5OTT	1	...	..
1944	JAN	16	10	00	..	43.1	77.6		..	G	77	..	..	..	II	77
1944	FEB	26	21	58	20.0	42.9	78.8		..	G	141	..	..	..	...	..
1944	MAY	29	23	03	..	44.7	73.8		..	F	126	..	..	..	II	126

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1944	SEP	05	04	38	45.7	44.96	74.72		012	A	201	..	5.8ST	2	VIII	17
1944	SEP	05	08	30	49	45.0	74.9		..	B	77	..	3.4OTT	1	...	..
1944	SEP	05	08	51	06.0	45.00	74.65		001	A	201	..	4.5BAS	2	...	..
1944	SEP	05	10	56	51	45.0	74.9		..	B	77	..	3.3OTT	1	...	..
1944	SEP	05	11	10	54	45.0	74.9		..	F	77	..	2.8OTT	1	...	..
1944	SEP	06	13	30	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	07	..	..	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	07	01	30	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	07	02	47	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	07	13	55	14	45.0	74.9		..	F	77	..	2.5OTT	1	...	..
1944	SEP	08	09	50	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	08	10	11	14	45.0	74.9		..	F	77	..	2.5OTT	1	...	..
1944	SEP	08	19	35	21	45.0	74.9		..	F	77	..	2.8OTT	1	...	..
1944	SEP	08	19	50	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	13	02	45	13	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	13	17	40	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	13	22	00	28	45.0	74.9		..	B	77	..	2.7OTT	1	IV*	177
1944	SEP	16	04	05	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	16	23	40	..	45.0	74.9	*	..	G	194	..	..	..	III	194
1944	SEP	18	04	55	..	45.0	74.9	*	..	G	194	..	..	..	III	194
1944	SEP	19	01	00	..	45.0	74.9	*	..	G	194	..	..	..	III	194
1944	SEP	24	19	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	SEP	30	19	50	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	03	..	..	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	04	00	30	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	04	13	35	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	05	11	30	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	05	21	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	06	13	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	08	13	50	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	09	01	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	09	01	45	56	45.0	74.9		..	F	77	..	2.3OTT	1	...	..
1944	OCT	09	07	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	10	00	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	13	02	33	58	45.0	74.9		..	B	77	..	2.7OTT	1	...	..
1944	OCT	13	10	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	17	13	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	20	23	39	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	26	00	57	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	OCT	31	08	42	25	45.0	74.9		..	B	77	..	4.0OTT	1	IV*	194
1944	NOV	08	23	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	NOV	09	03	15	..	45.0	74.9	*	..	G	194	..	..	..	IV*	194
1944	NOV	11	03	30	..	45.0	74.9	*	..	G	194	..	..	..	IV*	194
1944	NOV	17	10	15	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	NOV	20	01	15	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	NOV	23	07	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	NOV	25	13	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	DEC	05	12	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	DEC	27	10	07	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1944	DEC	31	05	30	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1945	JAN	01	05	45	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1945	JAN	01	10	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1945	JAN	02	23	00	..	45.0	74.9	*	..	G	194	..	..	..	III*	194
1945	APR	15	13	15	..	43.0	76.4		..	H	77	..	..	..	III	77
1945	APR	15	14	20	..	43.0	76.4		..	H	77	..	..	..	III	77
1945	APR	15	15	30	..	43.0	76.4		..	H	77	..	..	..	III	77
1945	JUL	24	01	56	18	45.0	74.9		..	G	77	..	2.7OTT	1	...	..

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1945	DEC	02	15	22	32	45.0	74.9		..	G	77	..	3.0OTT	1	...	..
1946	FEB	13	15	10	..	45.0	74.9		..	G	77	..	.. ..		II	77
1946	MAR	16	04	20	..	45.0	74.9		..	G	77	..	.. ..		II	77
1946	MAR	20	02	01	..	44.3	75.9		..	G	77	..	.. ..		III	77
1946	MAR	20	02	29	..	44.3	75.9		..	G	77	..	.. ..		III	77
1946	MAR	20	03	02	..	44.3	75.9		..	G	77	..	.. ..		III	77
1946	JUN	20	23	09	..	44.4	74.2		..	G	77	..	.. ..		II	77
1946	JUN	27	21	06	22	44.6	74.5		..	B	77	..	3.0OTT	1	...	..
1946	SEP	04	19	29	..	45.0	74.9		..	G	126	..	2.3XXX	1	III	126
1946	NOV	10	11	41	23	42.9	77.5		..	C	77	..	3.1OTT	1	...	..
1946	NOV	11	10	20	47	45.0	74.9		..	G	77	..	3.0OTT	1	...	..
1946	NOV	28	22	00	..	43.9	73.8	x	..	G	77	..	.. ..		III	77
1946	DEC	25	04	48	03	45.0	74.9		..	G	77	..	3.0OTT	1	...	..
1947	OCT	29	15	45	..	45.0	74.9		..	F	126	..	.. ..		II	126
1948	APR	04	02	44	34	44.2	73.8		..	C	77	..	2.5OTT	1	...	..
1948	JUL	07	07	15	..	44.7	75.0		..	F	126	..	.. ..		II	126
1948	AUG	07	..	..	..	44.0	74.0		..	F	126	..	.. ..		II	126
1948	NOV	22	23	32	50	44.4	74.3		..	D	77	..	2.9OTT	1	...	..
1949	FEB	07	06	17	..	44.9	74.9		..	G	77	..	.. ..		III	77
1951	SEP	03	21	26	24.8	41.36	73.86		018	C	201	..	3.8ST	2	V	24
1951	NOV	06	17	54	45.9	44.92	73.55		031	A	201	..	3.7OTT	1	IV	24
1951	DEC	08	04	37	..	41.7	73.9		..	G	77	..	.. ..		III	24
1952	AUG	25	00	07	..	43.0	74.5		..	F	77	..	.. ..		V	77
1952	OCT	08	21	40	..	41.7	74.0		..	F	77	..	.. ..		V	77
1952	NOV	20	..	..	..	42.9	76.6		..	G	77	..	.. ..		III	77
1952	DEC	21	12	00	..	44.9	74.9		..	G	77	..	.. ..		III	25
1953	APR	26	01	17	02	44.7	73.5		..	G	77	..	2.6OTT	1	IV	77
1954	JAN	31	12	30	..	42.9	77.2	*	..	G	27	..	.. ..		IV	27
1954	FEB	01	00	37	50	43.0	76.7		..	B	77	..	3.3OTT	1	...	..
1954	APR	21	15	45	..	44.7	73.5		..	B	77	..	.. ..		IV	27
1954	MAY	20	22	01	18	45.0	74.2		020	B	77	..	2.7OTT	1	IV	27
1954	SEP	29	03	50	..	44.0	75.9		..	G	77	..	.. ..		II	27
1954	DEC	13	03	53	52	44.6	74.6		012	C	77	..	3.6OTT	1	IV	27
1954	DEC	15	17	35	..	44.8	74.7		..	G	77	..	.. ..		III	27
1955	JAN	21	08	40	..	42.9	73.8		..	G	77	..	.. ..		V	77
1955	JAN	21	12	20	..	42.9	73.8		..	G	77	..	.. ..		III	28
1955	AUG	16	07	35	..	42.9	78.3		..	G	77	..	.. ..		V	28
1956	JUL	27	01	34	44	44.7	73.8		..	B	77	..	3.4OTT	1	...	..
1957	FEB	20	15	45	..	44.9	74.9		..	G	77	..	.. ..		IV	77
1957	NOV	30	06	27	..	45.0	74.8		..	F	126	..	.. ..		IV	126
1958	JAN	11	16	36	..	44.9	74.9		..	G	77	..	.. ..		IV	77
1958	FEB	12	13	29	54	44.8	75.3		..	C	77	..	2.6OTT	1	...	..
1958	MAY	06	19	00	..	42.7	73.8		..	G	77	..	.. ..		IV	77
1958	AUG	22	14	25	05	43.0	79.0		..	E	77	..	3.6OTT	1	...	..
1961	APR	20	13	00	..	45.0	74.8		..	D	221	..	2.0OTT	1	V	38
1961	SEP	29	06	30	..	44.9	74.9		..	G	141	..	.. ..		IV	34
1962	MAY	06	..	..	..	39.9	71.5		..	F	126	..	.. ..		II	126
1962	OCT	02	23	45	52	44.8	74.3		..	G	126	..	.. ..		IV	35
1962	NOV	27	04	14	50	41.5	73.8		..	G	126	..	1.7OTT	1	II	126
1963	JAN	30	14	50	..	44.0	75.9		..	C	141	..	3.0OTT	1	IV*	141
1963	FEB	16	08	00	17	44.9	73.7		..	C	141	..	2.6OTT	1	...	..
1963	MAY	19	..	..	..	43.2	73.3		..	G	126	..	.. ..		III	126
1963	MAY	19	19	14	18	43.5	75.2		..	C	141	..	3.5OTT	1	III	126
1963	JUL	01	19	59	12.0	42.6	73.8		..	C	141	..	3.3OTT	1	...	..
1964	MAR	29	09	16	..	44.9	74.9		..	G	38	..	.. ..		V	38
1964	JUN	04	23	40	51	44.7	75.3		..	C	195	..	2.8OTT	1	...	..

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1964	JUN	16	13	00	44	45.0	74.2	..	C	195	..	2.7OTT 1	IV	126
1964	SEP	29	00	16	27.5	41.2	73.7	..	G	141	..	.. ..	III*	37
1964	SEP	29	20	26	49.5	41.2	73.7	..	G	141	..	.. ..	III*	37
1964	NOV	17	17	08	..	41.2	73.7	..	G	38	..	.. ..	V	38
1964	NOV	30	00	34	55	42.8	74.9	..	C	141	..	2.6XXX 1	II	126
1964	NOV	30	10	47	32.4	41.3	73.9	..	G	141	..	.. ..	II	126
1965	JUL	16	11	06	55	43.2	78.5	..	C	141	..	3.5OTT 1	IV	75
1965	AUG	28	01	55	..	43.0	78.1	..	C	126	..	3.1XXX 1	IV	75
1965	SEP	29	20	57	39.5	41.4	74.4	..	G	141	..	.. ..	IV	75
1966	JAN	01	10	30	..	42.8	78.2	..	G	126	..	.. ..	III*	81
1966	JAN	01	11	29	20	42.8	78.3	..	C	141	..	3.0WES 1	III*	81
1966	JAN	01	13	23	39.0	42.84	78.25	000	A	201	4.7	4.6STR 2	VI	81
1966	MAY	21	07	30	55.0	41.2	74.0	..	G	141	..	.. ..	II	126
1966	JUN	30	..	..	..	44.4	73.7	..	G	126	..	.. ..	II	126
1967	JUN	13	19	08	55.5	42.84	78.23	001	A	201	3.9	4.4STR 2	VI	40
1967	NOV	22	21	10	..	41.2	73.8	..	G	141	..	.. ..	V	38
1969	AUG	13	02	42	..	42.9	78.2	..	F	141	..	2.5OTT 2	IV	42
1971	MAY	23	06	24	27.9	43.90	74.48	009	A	201	..	4.1DEW 2	V	44
1971	MAY	23	09	29	59.5	43.93	74.47	001	A	201	..	3.8DEW 2	V	44
1971	JUN	21	02	48	31.6	43.90	74.48	002	A	201	..	3.4DEW 2	IV	44
1971	JUL	10	08	15	01.5	43.91	74.44	002	A	201	..	3.6DEW 2	V	44
1972	FEB	15	23	53	14.4	41.3	73.6	..	B	141	..	2.6XXX 1	IV*	45
1972	MAR	15	12	10	..	43.7	74.7	..	B	126	..	2.6WES 1	...	..
1972	NOV	02	05	15	..	44.8	74.6	..	B	126	..	3.0WES 1	...	..
1973	FEB	02	23	09	30	44.4	74.7 x	..	B	141	..	2.8OTT 2	...	..
1973	FEB	09	04	46	..	42.8	78.3	..	B	126	..	2.7WES 1	...	..
1973	JUN	11	10	08	43	44.0	74.0	..	B	141	..	2.8OTT 1	...	..
1973	JUL	15	08	20	30.7	43.89	74.43	001	A	201	..	3.5DEW 2	...	..
1973	JUL	15	10	32	37.8	43.92	74.40	003	A	201	3.4	3.2DEW 2	...	..
1973	JUL	16	08	41	58.2	43.76	74.47	001	B	196	..	3.3OTT 2	...	..
1974	MAR	18	16	05	..	44.5	74.9	..	B	126	..	2.7WES 1	...	..
1974	JUN	02	14	42	..	44.7	74.6	..	B	126	..	2.5WES 1	...	..
1974	JUN	07	19	45	35.7	41.60	73.95	003	A	201	..	2.9DEW 2	VI	47
1974	SEP	18	06	23	09.2	43.4	73.8	005	B	141	..	2.5PAL 1	...	..
1974	NOV	27	10	28	51.7	43.33	79.11	000	B	141	..	3.3XXX 1	...	..
1975	JAN	04	20	40	05	44.89	74.55	000	B	197	..	2.8PAL 2	...	..
1975	JAN	04	20	40	08	44.89	74.55	000	B	197	..	2.7PAL 2	...	..
1975	JAN	15	19	16	31.6	44.90	74.56	000	B	48	..	2.6PAL 2	IV	48
1975	JAN	28	00	15	..	45.0	73.8	..	C	126	..	2.6XXX 1	...	..
1975	FEB	20	08	06	..	40.3	73.2	..	D	126	..	2.9XXX 2	...	..
1975	MAY	14	00	08	..	43.4	78.6	..	C	126	..	2.9XXX 1	...	..
1975	JUN	09	18	39	22.7	44.87	73.65	011	A	201	..	3.5ST 2	VI	48
1975	JUL	11	01	44	54	44.32	73.87	002	B	197	..	2.8XXX 2	...	..
1975	JUL	19	20	59	32.0	41.43	73.79	005	B	317	..	2.3PAL 2	III	48
1975	OCT	08	09	00	02.5	43.48	78.50	005	B	219	..	2.6PAL 2	...	..
1975	OCT	24	07	08	46.4	41.62	73.98	005	B	219	..	2.0PAL 2	II	126
1975	OCT	24	07	43	12.3	41.60	73.93	001	A	201	..	2.2PAL 2	II	126
1975	OCT	28	21	45	..	41.57	73.93	..	C	219	..	.. ..	II	126
1975	NOV	03	20	54	55.3	43.91	74.65	005	A	201	4.0	4.0ST 2	IV	48
1976	APR	28	21	32	44	44.58	74.63	001	B	198	..	2.8PAL 2	...	..
1976	MAY	11	13	18	14.4	40.48	73.80	001	B	126	..	2.8PAL 2	...	..
1976	AUG	20	22	08	14.3	41.11	73.75	006	B	199	..	2.5PAL 2	...	..
1976	OCT	20	23	42	08.4	44.69	73.89	001	B	225	..	2.8PAL 2	...	..
1977	SEP	02	05	53	56.5	41.31	73.92	002	A	318	..	2.5PAL 2	...	..
1977	SEP	28	17	21	44.7	44.39	73.89	003	B	39	..	3.1PAL 2	III	39
1977	DEC	15	08	55	24.5	43.03	77.44	005	B	200	..	2.6PAL 1	...	..
1978	MAR	05	07	53	25.6	41.35	74.15	005	B	240	..	2.1PAL 2	III	240

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1978	APR	05	14	45	49.5	43.86	74.24	011	B	240	..	2.6PAL 2	...	..
1978	MAY	13	21	55	42.3	42.78	78.26	016	B	243	..	2.8PAL 2	...	..
1978	MAY	13	22	08	34.5	42.76	78.30	006	B	243	..	2.6PAL 2	...	..
1978	JUL	13	17	38	38.4	44.73	73.67	003	B	244	..	2.5PAL 2	...	..
1978	JUL	26	04	17	08.7	40.40	71.11	000	B	240	..	2.8WES 2	...	..
1978	AUG	10	21	12	11.6	40.46	71.13	029	B	240	..	3.5WES 2	...	..
1978	AUG	21	08	47	10.9	44.52	74.51	001	B	240	..	3.1PAL 2	...	..
1978	OCT	26	21	53	40.0	42.65	77.82	006	B	245	..	2.6PAL 2	...	..
1978	DEC	28	09	24	50.6	44.52	73.89	001	B	245	..	2.5PAL 2	IV	245
1979	JUN	07	13	45	53.3	44.43	73.86	000	B	262	..	3.1PAL 2	...	..
1979	JUN	20	19	20	17.8	41.35	74.38	000	B	262	..	3.0PAL 2	...	..
1979	SEP	04	07	38	56.0	41.58	73.54	002	A	304	..	2.8PAL 2	...	..
1979	DEC	30	14	15	12.3	41.16	73.71	004	B	262	..	2.0PAL 2	IV	262
1980	JAN	17	10	13	16.1	41.31	73.93	003	B	300	..	2.9PAL 2	V	300
1980	FEB	04	09	18	45.6	44.76	75.30	000	B	300	..	2.8PAL 2	...	..
1980	FEB	29	05	53	56.1	42.58	74.20	012	B	300	..	3.1PAL 2	...	..
1980	MAY	07	04	32	49.3	41.02	73.87	000	B	300	..	2.6PAL 2	...	..
1980	MAY	20	21	33	23.0	41.35	74.37	002	B	300	..	2.6PAL 2	...	..
1980	MAY	23	08	39	44.0	44.89	74.55	000	B	300	..	3.4PAL 2	...	..
1980	JUN	06	13	15	52.0	43.56	75.23	001	B	300	..	3.8PAL 2	V	300
1980	JUN	12	18	19	26.9	43.63	75.09	007	B	300	..	2.8PAL 2	...	..
1980	JUN	12	18	49	26.0	44.37	74.10	016	B	300	..	2.6PAL 2	...	..
1980	JUL	15	07	21	01.5	44.72	74.90	004	B	300	..	2.6PAL 2	...	..
1980	AUG	11	14	54	46.2	43.54	75.16	000	B	300	..	3.3PAL 2	...	..
1980	SEP	04	04	30	55.8	41.11	73.78	013	B	300	..	3.2PAL 2	IV	300
1980	SEP	21	20	54	45.1	43.63	74.02	001	B	300	..	3.2PAL 2	...	..
1980	SEP	27	00	48	30.5	41.54	73.69	006	B	300	..	2.5PAL 2	...	..
1980	SEP	28	22	19	05.4	43.77	74.12	001	B	300	..	3.0PAL 2	...	..

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1735	MAR	08	..	..	..	35.5	76.8	*	..		G	165	..	..	..	...	..
1776	NOV	05	..	..	..	35.2	83.0	*	..		G	71	..	..	..	IV*	71
1787	NOV	09	..	..	..	36.1	80.2	*	..		G	71	..	..	..	III*	71
1792	AUG	12	02	..	..	36.1	80.2	x	..		I	71	..	..	..	...	..
1808	DEC	13	10	30	..	35.8	78.6	*	..		G	156	..	..	..	III*	156
1811	NOV	27	08	..	..	36.1	80.2	*	..		G	71	..	..	..	IV*	71
1823	AUG	23	..	..	..	36.1	80.2	*	..		G	71	..	..	..	III*	71
1826	NOV	11	..	..	..	36.1	80.2	*	..		G	71	..	..	..	III*	71
1827	MAY	11	..	..	..	36.1	81.2	*	..		G	156	..	..	..	IV*	156
1829	...	..	..	..	..	35.2	83.8		..		G	71	..	..	..	...	..
1834	NOV	29	..	..	..	36.1	80.2	*	..		G	71	..	..	..	III*	71
1844	JUN	..	..	..	..	35.3	83.3	*	..		G	71	..	..	..	...	..
1848	...	..	..	..	..	35.7	82.1	*	..		G	165	..	..	..	...	..
1850	MAR	30	15	..	..	35.4	78.0	*	..		G	156	..	..	..	V*	156
1851	AUG	11	01	55	..	35.6	82.6	*	..		G	156	..	..	..	V*	156
1861	AUG	31	10	22	..	36.1	81.1	*	..		G	55	..	..	..	VI	38
1871	APR	16	05	..	..	34.3	78.0	*	..		G	156	..	..	..	V*	156
1871	APR	21	02	..	..	36.4	78.6	*	..		G	156	..	..	..	III*	156
1874	FEB	10	..	..	..	35.7	82.1		..		G	71	..	..	..	V	38
1874	FEB	22	..	..	..	35.7	82.1		..		G	71	..	..	..	IV*	71
1874	MAR	17	..	..	..	35.7	82.1		..		G	71	..	..	..	IV*	71
1874	MAR	26	..	..	..	35.7	82.1		..		G	71	..	..	..	IV*	71
1874	APR	14	..	..	..	35.7	82.1		..		G	71	..	..	..	IV*	71
1874	APR	17	..	..	..	35.7	82.1		..		G	71	..	..	..	IV*	71
1876	JAN	23	..	..	..	35.7	82.1	*	..		G	165	..	..	..	...	..
1877	APR	26	22	00	..	35.2	83.4		..		G	103	..	..	..	III*	71
1877	OCT	09	01	..	..	35.0	82.7	x	..		G	156	..	..	..	...	..
1878	NOV	23	15	00	..	35.1	84.0	*	..		G	71	..	..	..	III*	71
1879	DEC	13	00	..	..	35.2	80.8	*	..		G	71	..	..	..	III*	71
1879	DEC	13	07	..	..	35.2	80.8	*	..		G	71	..	..	..	IV*	71
1880	JAN	28	..	..	..	35.7	82.1	*	..		G	71	..	..	..	III*	71
1880	JAN	29	..	..	..	35.7	82.1	*	..		G	71	..	..	..	III*	71
1880	FEB	10	..	..	..	35.7	82.1	*	..		G	71	..	..	..	III*	71
1882	JAN	08	22	10	..	34.6	76.5		..		G	103	..	..	..	IV*	71
1882	OCT	15	17	30	..	35.1	84.0		..		G	103	..	..	..	III*	71
1882	OCT	23	12	00	..	35.1	77.0	*	..		G	71	..	..	..	IV*	71
1883	SEP	21	11	45	..	36.1	79.8		..		G	103	..	..	..	V*	71
1884	JAN	18	13	..	..	34.3	78.0		..		G	103	..	..	..	V	103
1884	JAN	18	13	02	..	34.3	78.0		..		G	71	..	..	..	V*	71
1884	APR	30	11	46	..	35.1	84.1	x	..		G	71	..	..	..	I*	66
1884	JUL	..	..	..	..	35.7	82.5		..		G	71	..	..	..	III*	71
1885	AUG	06	13	00	..	36.2	81.6		..		G	71	..	..	..	V*	71
1895	OCT	07	04	30	..	35.9	77.5	*	..		G	156	..	..	..	V*	156
1896	FEB	11	01	45	..	36.3	78.6	*	..		G	71	..	..	..	IV*	71
1898	FEB	11	04	30	..	35.8	78.6	*	..		G	71	..	..	..	III*	71
1915	OCT	29	05	23	..	35.8	82.7		..		G	71	..	..	..	IV*	71
1915	OCT	29	05	25	..	35.8	82.7		..		G	71	..	..	..	V	67
1916	FEB	21	22	39	..	35.5	82.5		..		G	71	..	..	..	VII	67
1916	AUG	26	19	36	..	36.0	81.0		..		G	71	..	..	..	V	71
1920	JAN	22	..	..	..	36.4	80.3	x	..		G	71	..	..	..	...	..

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1923	OCT	18	19	30	..	35.3	82.5		..	G	128	..	..	..	...	..
1926	JUL	08	09	50	..	35.9	82.1		..	G	71	..	..	..	VII	68
1927	OCT	27	..	..	..	36.3	76.2	*	..	G	71	..	..	..	IV*	71
1927	NOV	23	00	50	..	33.9	78.0	*	..	G	71	..	..	..	IV*	71
1928	NOV	20	03	45	..	35.8	82.3		..	F	1	..	..	..	IV	68
1928	NOV	22	..	..	..	34.0	78.0		..	G	71	..	..	..	...	..
1928	DEC	23	02	30	..	35.3	80.3		..	G	71	..	..	..	IV*	71
1935	JAN	01	08	15	..	35.1	83.6		..	C	38	..	..	..	V	68
1936	JAN	01	08	..	..	35.1	84.0	*	..	G	71	..	..	..	III	71
1936	SEP	06	..	..	..	35.3	80.2	*	..	G	71	..	..	..	III*	71
1940	DEC	25	01	30	..	35.9	82.9		..	G	103	..	..	..	III	13
1940	DEC	25	06	50	..	35.9	82.9		..	H	103	..	..	..	IV	105
1940	DEC	26	..	..	..	35.9	82.9		..	H	103	..	..	..	III	103
1941	MAY	10	11	12	..	35.6	82.6		..	G	103	..	..	..	IV*	71
1957	MAY	13	14	24	51.1	35.80	82.14		005	C	214	..	4.1	GOR 8	VI	132
1957	JUL	02	09	33	01	35.6	82.7		007	G	155	..	..	..	VI	132
1957	NOV	24	20	06	17	35.	83.5		..	C	30	..	4.0	BAR 8	VI	132
1958	MAR	05	11	53	43	34.2	77.8		..	G	103	..	..	..	V	103
1958	MAY	16	22	30	..	35.6	82.6		..	G	103	..	..	..	IV	132
1960	JAN	03	07	30	..	35.9	82.1	*	..	G	132	..	..	..	IV	132
1960	JAN	04	..	..	..	35.9	82.1	*	..	G	132	..	..	..	II*	132
1960	FEB	09	14	00	06.0	35.3	82.5		..	G	103	..	..	..	...	..
1964	JAN	20	13	37	52.0	35.9	82.3	*	..	G	37	..	..	..	IV	132
1968	NOV	26	01	..	..	34.1	77.8	*	..	G	41	..	..	..	IV	41
1970	SEP	10	01	41	05.2	36.02	81.42		001	A	201	..	3.1	GB 2	V	132
1971	MAY	29	21	21	..	36.0	82.0		..	D	203	..	2.9	JLM 5	...	..
1974	MAY	16	..	..	..	35.4	82.7	*	..	G	47	..	..	..	III*	47
1974	DEC	09	18	40	..	34.2	77.2	*	..	F	47	..	..	..	III*	47
1977	SEP	25	06	22	37.8	36.00	82.67		005	B	322	..	2.5	BLA 2	...	..
1978	FEB	25	03	53	27.2	36.15	79.31		021	A	322	..	2.2	BLA 2	IV	240
1978	MAR	22	15	52	26.7	36.20	81.73		001	B	240	..	2.9	BLA 2	...	..
1978	JUL	09	07	03	35.6	35.50	82.79		010	A	322	..	2.8	TAR 6	...	..
1979	SEP	06	20	38	16.3	35.29	83.24		010	B	322	..	3.2	GS 6	...	..
1980	APR	22	03	14	04.6	36.39	80.60		001	B	322	..	2.8	BLA 2	IV	300
1980	JUN	10	23	47	32.1	35.45	82.81		001	A	322	..	3.0	BLA 2	...	..

NORTH DAKOTA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1915	AUG	08	15	15	..	48.2	103.6	..	G	105	..	.. ..	IV	105
1927	APR	30	02	15	..	46.9	102.1	..	G	105	..	.. ..	III*	105
1946	OCT	26	20	37	..	48.2	103.7	..	G	105	..	.. ..	IV	105
1947	MAY	14	05	02	..	46.0	100.9	..	H	105	..	.. ..	IV	105
1968	JUL	08	16	50	14.7	46.59	100.74	027	B	214	4.4	3.7GOR 2	IV	41

OHIO

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1776	...	..	14	00	..	39.6	81.9		..	I	116	..	.. ..	VI	60
1823	MAY	30	..	..	..	41.5	81.0		..	I	76	..	.. ..	IV	76
1836	JUL	08	..	..	..	41.5	81.7		..	I	120	..	.. ..	IV	120
1850	OCT	01	..	..	..	41.4	82.3		..	I	120	..	.. ..	IV	120
1857	FEB	28	..	..	..	41.7	81.3		..	H	105	..	.. ..	IV	105
1858	APR	16	12	..	..	41.7	81.3		..	H	105	..	.. ..	IV	105
1867	JAN	13	..	..	..	41.5	81.7		..	I	120	..	.. ..	III	120
1872	JUL	23	..	..	..	41.4	82.1		..	G	116	..	.. ..	III	60
1873	APR	23	04	14	..	39.8	84.2		..	H	116	..	.. ..	III*	105
1875	JUN	18	12	43	..	40.2	84.0		..	G	38	..	.. ..	VII	38
1876	JUN	..	..	..	..	40.4	84.2		..	H	105	..	.. ..	IV*	60
1877	JAN	23	21	..	..	38.8	83.5		..	H	105	..	3.6BAR 8	III	60
1881	AUG	30	05	..	..	39.2	83.6		..	H	116	..	.. ..	III	105
1882	FEB	09	20	..	..	40.4	84.2		..	H	105	..	3.2BAR 8	V	38
1883	JAN	06	08	..	..	40.4	84.2	*	..	H	105	..	.. ..	II*	105
1884	MAR	31	19	..	..	39.6	84.8		..	H	116	..	.. ..	II	105
1884	SEP	19	19	14	..	40.7	84.1		..	G	38	..	4.8BAR 8	VI	38
1884	DEC	23	23	..	..	40.4	84.2		..	H	105	..	.. ..	III	60
1885	JAN	18	11	30	..	41.3	81.1		..	H	105	..	.. ..	III*	105
1885	AUG	15	05	05	..	41.3	81.1		..	H	105	..	.. ..	III*	105
1886	MAY	03	02	30	..	39.5	82.1		..	H	105	..	3.4BAR 8	V*	131
1889	SEP	..	..	..	..	40.4	84.2		..	H	105	..	.. ..	III	105
1892	...	..	..	..	..	40.4	84.2		..	H	105	..	.. ..	IV*	60
1896	MAR	15	07	..	..	40.3	84.2		..	G	105	..	.. ..	IV	60
1898	OCT	23	..	..	..	41.5	81.7		..	H	105	..	.. ..	III	116
1899	NOV	12	14	..	..	39.3	83.0		..	H	116	..	.. ..	IV	105
1900	APR	09	14	..	..	41.4	81.9		..	G	116	..	.. ..	VI	105
1901	MAY	17	06	00	..	39.3	82.5		..	G	38	..	4.2BAR 8	V	38
1902	JUN	14	07	..	..	39.4	81.2		..	G	116	..	.. ..	IV	116
1906	APR	20	18	30	..	41.5	81.7		..	H	105	..	.. ..	IV	105
1906	APR	23	07	12	..	40.7	83.6		..	H	105	..	.. ..	IV	116
1906	JUN	27	21	10	..	41.4	81.6		..	G	38	..	.. ..	V	38
1907	APR	12	19	28	..	41.5	81.7		..	H	105	..	.. ..	III	173
1914	...	..	..	..	..	40.4	84.2		..	H	105	..	.. ..	III	105
1925	MAR	27	04	06	..	40.4	84.2		..	H	116	..	.. ..	V	60
1925	APR	04	..	..	..	39.1	84.5		..	G	105	..	.. ..	II*	60
1925	OCT	..	..	..	..	40.4	84.2		..	G	105	..	.. ..	III	105
1926	OCT	28	07	42	..	41.7	83.5		..	G	116	..	.. ..	III	60
1926	OCT	28	10	00	..	41.7	83.5		..	G	116	..	.. ..	IV	60
1926	NOV	05	14	53	..	39.1	82.1		..	G	38	..	.. ..	VII	38
1927	JAN	29	..	..	..	40.9	81.2	x	..	H	121	..	.. ..	V	121
1927	FEB	17	05	30	..	40.8	82.5		..	G	116	..	.. ..	IV	60
1928	SEP	09	21	..	..	41.5	82.0		..	G	1	..	3.7BAR 8	V	60
1928	OCT	27	..	..	..	40.4	84.1		..	G	116	..	3.2BAR 8	III	60
1929	MAR	08	09	06	..	40.4	84.2		..	C	38	..	4.0BAR 8	V	38
1929	JUN	10	..	..	..	41.5	81.7		..	G	105	..	.. ..	III	60
1929	SEP	17	19	16	..	41.6	81.5		..	G	116	..	.. ..	III	173
1930	JUN	26	21	45	..	40.5	84.0		..	G	3	..	.. ..	IV	60
1930	JUN	27	07	23	..	40.5	84.0		..	G	3	..	.. ..	IV	60
1930	JUL	11	00	15	..	40.6	83.1		..	G	105	..	.. ..	IV	60

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1930	SEP	29	22	50	..	40.3	84.2	..	G	60	..	.. ..	III	60
1930	SEP	30	20	40	..	40.3	84.3	..	C	38	..	.. ..	VII	38
1930	OCT	..	..	..	..	40.4	84.2	..	G	116	..	.. ..	III	60
1931	MAR	21	15	48	..	40.4	84.2	..	G	105	..	.. ..	III	60
1931	APR	01	00	15	..	40.4	84.1	..	G	105	..	.. ..	III	60
1931	JUN	10	08	30	..	41.3	84.0 x	..	G	4	..	3.7BAR 8	V	60
1931	SEP	20	23	05	03.4	40.43	84.27	005	B	214	..	4.5DEW 8	VII	38
1931	OCT	08	14	30	..	40.4	84.2	..	G	105	..	.. ..	III	60
1932	JAN	21	..	..	..	41.1	81.5	..	G	105	..	.. ..	V	105
1933	FEB	23	03	20	..	40.3	84.2	..	G	105	..	3.8BAR 8	IV	105
1935	MAY	26	..	..	..	41.5	81.4	..	H	121	..	.. ..	IV	121
1936	JAN	31	07	30	..	41.1	83.2	..	G	116	..	.. ..	IV	105
1936	OCT	08	16	30	..	39.3	84.4	..	G	105	..	3.5BAR 8	III	60
1936	DEC	26	01	15	..	39.1	84.5	..	G	105	..	.. ..	III	60
1936	DEC	26	02	05	..	39.1	84.5	..	G	105	..	.. ..	III	60
1937	MAR	02	14	47	33.3	40.49	84.27	002	A	214	..	4.7GOR 8	VII	38
1937	MAR	03	09	50	..	40.4	84.2	..	G	116	..	3.4BAR 8	V	60
1937	MAR	03	09	55	..	40.4	84.2	..	G	116	..	.. ..	III	60
1937	MAR	09	05	44	35.5	40.47	84.28	003	A	214	..	4.9GOR 8	VIII	38
1937	APR	23	17	15	..	40.4	84.2	..	G	116	..	3.4BAR 8	III	60
1937	APR	27	17	..	..	40.4	84.2	..	C	116	..	3.4BAR 8	III	60
1937	MAY	02	17	05	..	40.4	84.2	..	G	116	..	.. ..	IV	105
1937	OCT	17	04	25	..	39.1	84.5	..	G	105	..	.. ..	III	60
1939	MAR	18	11	..	..	40.4	84.2 *	..	G	60	..	.. ..	II	60
1939	MAR	18	13	03	..	40.4	84.1	..	G	105	..	3.6BAR 8	III	60
1939	JUN	18	02	20	..	40.4	84.2	..	G	116	..	3.4BAR 8	IV	60
1939	JUL	09	11	50	..	40.4	84.2	..	G	116	..	.. ..	II	60
1940	MAY	31	17	00	..	41.1	81.5	..	G	105	..	.. ..	II	60
1940	JUN	16	02	30	..	40.9	82.3	..	G	105	..	.. ..	IV	105
1940	JUL	28	09	30	..	40.9	82.3	..	G	105	..	.. ..	III	105
1940	AUG	15	10	35	..	40.9	82.3	..	G	105	..	.. ..	III	105
1940	AUG	19	03	30	..	40.9	82.3	..	G	105	..	.. ..	III	105
1943	MAR	09	03	25	24.9	41.63	81.31	007	B	214	..	4.5GOR 8	V	105
1944	NOV	13	11	52	..	40.4	84.2	..	G	116	..	4.3BAR 8	III	60
1948	JAN	18	..	..	..	41.7	83.5	..	G	116	..	.. ..	III	60
1950	APR	20	..	..	..	39.8	84.2 x	..	G	116	..	.. ..	IV	105
1951	DEC	03	07	02	..	41.6	81.4	..	G	116	..	3.2BAR 8	IV	24
1951	DEC	07	21	..	..	41.6	81.4 *	..	G	60	..	.. ..	II	60
1951	DEC	21	20	..	..	41.6	81.4	..	G	116	..	.. ..	II	60
1952	JUN	20	09	38	08.6	39.64	82.02	009	B	214	..	4.1GOR 8	VI	38
1953	MAY	07	23	32	..	39.7	82.2 *	..	G	60	..	.. ..	IV	60
1953	JUN	12	04	45	..	41.7	83.6	..	G	105	..	.. ..	IV	26
1955	MAY	26	18	09	..	41.5	81.7	..	G	38	..	.. ..	V	38
1955	JUN	29	01	15	33	41.5	81.7	..	G	38	..	.. ..	V	38
1956	JAN	27	12	03	26	40.4	84.2	..	G	105	..	4.4OTT 1	V	38
1957	JUL	23	13	03	..	38.8	83.8	..	G	105	..	.. ..	III	105
1958	MAY	01	22	46	31	41.5	81.7	..	G	38	..	.. ..	V	38
1961	FEB	22	09	45	03	41.2	83.4	..	G	38	..	4.0BAR 8	V	38
1967	APR	08	05	40	30.5	39.65	82.53	005	A	214	4.5	3.5GS 2	V	38
1968	JUL	26	15	02	53.7	40.4	84.2	..	F	122	3.0	.. ..	III	122
1974	SEP	29	02	26	19.1	41.21	83.49	001	A	201	..	3.0SLM 2	II	47
1975	FEB	03	10	31	..	41.3	83.2 *	..	F	48	..	.. ..	IV	48
1975	FEB	16	23	21	34.4	38.88	82.35	004	A	201	4.4	3.0DEW 2	IV	48
1977	MAR	09	08	48	17.1	41.0	83.5 x	000	B	97	..	.. ..	V	97
1977	JUN	17	15	39	46.9	40.71	84.71	001	C	214	..	3.2AAM 2	VI	39

OKLAHOMA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1897	DEC	02	07	..	..	36.9	98.0	..	I	309	..	.. ..	IV*	309
1900	DEC	..	..	..	..	36.0	96.8	..	H	237	..	.. ..	IV	237
1901	APR	01	..	..	..	36.0	96.8	..	H	237	..	.. ..	...	..
1901	APR	08	13	30	..	36.0	96.8	..	H	237	..	.. ..	...	..
1908	JUL	19	..	..	..	35.7	97.7	..	G	105	..	.. ..	III	84
1910	...	..	..	..	..	35.5	98.0	..	G	235	..	.. ..	III*	235
1915	OCT	08	16	50	..	35.7	95.4	..	G	105	..	3.4BAR 8	III	105
1918	...	..	..	..	..	35.5	97.7	..	G	105	..	.. ..	III*	105
1918	SEP	10	16	30	..	35.5	98.0	..	G	38	..	.. ..	V	38
1918	SEP	11	06	30	..	35.5	98.0	..	G	105	..	.. ..	IV*	105
1918	SEP	11	09	00	..	35.5	98.0	..	G	105	..	.. ..	III*	105
1924	JUN	03	00	40	..	36.3	96.5	..	G	105	..	.. ..	III	84
1926	JUN	20	14	20	..	35.6	94.9	..	G	105	..	4.2BAR 8	V	105
1929	DEC	28	00	30	..	35.5	98.0	..	F	2	..	4.0BAR 8	VI	38
1933	AUG	19	19	30	..	35.5	98.0	..	G	38	..	.. ..	VI	38
1935	NOV	29	..	..	..	36.2	97.0	..	G	235	..	.. ..	III*	236
1936	MAR	14	17	20	..	34.0	95.0	..	G	105	..	3.6BAR 8	V	38
1936	JUL	12	00	23	..	36.9	103.0	..	G	105	..	3.4BAR 8	IV*	105
1937	JUN	08	14	26	..	35.3	96.9	..	G	105	..	3.6BAR 8	IV	105
1939	JUN	01	07	30	..	35.0	96.4	..	H	105	..	4.3BAR 8	IV	12
1939	JUN	01	17	00	..	35.0	96.4 *	..	H	236	..	.. ..	...	..
1941	OCT	18	07	48	..	35.4	99.0	..	G	105	..	.. ..	V	105
1942	JUN	12	04	50	..	36.4	97.9	..	G	105	..	3.7BAR 8	III	105
1952	APR	09	16	29	28.4	35.53	97.85	010	B	214	..	5.0GOR 8	VII	25
1952	APR	11	18	30	..	35.4	97.8	..	G	105	..	.. ..	III*	105
1952	APR	11	20	30	..	35.4	97.8	..	G	105	..	3.9BAR 8	IV	25
1952	APR	16	..	..	..	35.4	97.8	..	G	238	..	.. ..	III*	238
1952	APR	16	05	58	..	35.4	97.8	..	G	105	..	3.9BAR 8	III*	105
1952	APR	16	06	05	..	35.4	97.8	..	G	38	..	3.9BAR 8	V	38
1952	APR	16	14	30	..	35.4	97.8 *	..	G	235	..	.. ..	III*	235
1952	MAY	01	11	40	..	35.4	96.4 *	..	G	236	..	.. ..	II*	236
1952	MAY	02	01	55	..	35.4	96.4 *	..	G	236	..	.. ..	II*	236
1952	JUL	17	00	30	..	35.4	97.8	..	G	105	..	.. ..	III*	25
1952	JUL	17	02	00	..	35.4	97.8	..	G	105	..	.. ..	III*	25
1952	AUG	14	21	40	..	35.4	97.8	..	G	105	..	.. ..	IV	25
1952	OCT	08	04	15	..	35.1	96.5	..	G	105	..	.. ..	IV	25
1953	MAR	16	12	50	..	35.4	97.9	..	G	105	..	.. ..	III	105
1953	MAR	17	13	12	..	35.6	98.0	..	G	105	..	.. ..	V	105
1953	MAR	17	14	25	..	35.6	98.0	..	G	105	..	.. ..	VI	105
1953	JUN	06	17	40	..	34.8	96.7	..	G	105	..	.. ..	IV	26
1954	APR	11	..	..	..	35.1	96.4	..	G	105	..	.. ..	IV	27
1954	APR	12	23	05	..	35.1	96.4	..	G	105	..	.. ..	IV	27
1954	APR	13	18	48	..	35.1	96.4	..	G	105	..	.. ..	IV	27
1956	FEB	16	23	30	..	35.6	97.5	..	G	105	..	4.1BAR 8	VI	29
1956	APR	02	16	03	18	34.2	95.6	..	G	105	..	3.7BAR 8	V	29
1956	OCT	30	10	36	21	36.2	95.8	..	G	105	..	4.0SLM 1	VII	29
1959	JUN	15	12	45	..	34.8	96.7	..	G	105	..	4.0BAR 8	V	32
1959	JUN	17	10	27	10.6	34.64	98.06	005	B	214	..	4.2GOR 8	VI	32
1960	MAR	18	21	30	..	36.2	95.8	..	G	235	..	.. ..	III*	236
1960	MAR	18	23	30	..	36.2	95.8	..	G	235	..	.. ..	III*	236

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1961	JAN	11	01	40	..	34.9	95.5		..	G	105	..	3.8BAR 8	V	34
1961	APR	27	03	..	..	34.6	95.0		..	H	105	..	.. ..	III	105
1961	APR	27	05	..	..	34.6	95.0		..	H	105	..	.. ..	III	105
1961	APR	27	07	30	..	34.9	95.3		..	G	105	..	4.1BAR 8	V	34
1962	APR	28	06	09	11	35.3	98.6		..	C	235	..	3.3TUL 1	...	..
1962	MAY	18	02	40	29.3	35.1	95.4		..	C	235	..	2.6TUL 1	...	..
1962	AUG	10	20	47	19.0	34.8	97.4	x	..	C	235	..	3.2TUL 1	...	..
1962	SEP	01	02	09	56.1	35.2	96.0		..	C	235	..	2.8TUL 1	...	..
1962	SEP	07	22	53	44.0	34.7	98.4	x	..	C	235	..	3.2TUL 1	...	..
1962	OCT	23	17	55	58.0	35.0	98.5	x	..	C	235	..	2.9TUL 1	...	..
1963	FEB	02	16	57	39.0	34.7	98.2	x	..	C	235	..	2.8TUL 1	...	..
1963	MAR	13	09	33	34.0	34.6	95.9		..	C	235	..	3.1TUL 1	...	..
1963	MAY	07	20	03	29	34.3	96.4	x	..	C	235	..	3.0TUL 1	...	..
1963	JUN	05	17	02	08.0	34.7	96.8	x	..	C	235	..	2.5TUL 1	...	..
1963	JUN	12	16	38	52.0	34.7	96.8		..	C	235	..	2.6TUL 1	...	..
1963	JUL	14	08	10	27.0	35.0	97.7		..	C	235	..	2.6TUL 1	...	..
1964	FEB	02	08	22	43.8	35.31	99.61		001	B	214	..	2.9GOR 2	...	..
1968	JAN	04	22	30	..	34.85	95.55		..	C	237	..	.. ..	IV	41
1968	OCT	11	02	25	55	34.0	96.4		..	D	237	..	2.3TUL 7	III*	41
1968	OCT	11	02	40	42	34.0	96.4		..	D	237	..	1.9TUL 7	III*	41
1968	OCT	11	08	55	42	34.0	96.4		..	D	237	..	2.8TUL 7	III*	41
1968	OCT	11	09	33	37	34.0	96.4		..	D	237	..	2.4TUL 7	III*	41
1968	OCT	12	21	46	44	34.0	96.4		..	D	237	..	2.6TUL 2	...	..
1968	OCT	14	14	42	54	34.0	96.4		..	D	237	..	3.5TUL 7	VI	41
1968	OCT	18	21	14	10	34.0	96.4		..	D	237	..	2.8TUL 2	...	..
1968	NOV	15	10	41	25	34.0	96.8		..	D	237	..	2.6TUL 7	...	..
1969	MAY	02	11	33	21.7	35.29	96.31		008	B	214	4.6	3.3GOR 2	V	42
1971	MAR	01	19	27	32.1	35.1	94.9		..	C	237	..	2.5TUL 6	...	..
1971	MAR	13	19	22	15.3	35.2	95.8		..	C	237	..	2.7TUL 2	...	..
1973	JAN	10	16	38	15.3	36.4	98.0		..	C	237	..	2.7TUL 2	III*	46
1973	NOV	18	10	03	52.7	35.0	94.7		..	C	237	..	3.1TUL 2	...	..
1973	DEC	25	04	11	32.0	35.1	94.5		..	C	237	..	2.8TUL 2	...	..
1974	MAY	10	01	15	17.8	34.2	97.3		..	C	237	..	2.6TUL 2	...	..
1974	NOV	10	06	19	18.6	34.8	96.7		..	C	237	..	2.7TUL 7	...	..
1974	DEC	16	02	30	21.7	35.34	97.29		023	C	214	..	2.6TUL 7	III	47
1975	MAR	31	09	52	06.0	35.6	95.3		..	C	237	..	2.9TUL 7	...	..
1975	JUN	16	01	59	28.2	34.2	96.5		..	C	237	..	2.9TUL 7	...	..
1975	SEP	13	01	25	05.6	34.13	97.22		005	A	214	..	3.2GOR 2	IV	48
1975	OCT	12	02	58	14.1	35.12	97.52		024	B	214	..	2.7GOR 2	...	..
1975	OCT	30	00	37	14.1	35.3	96.8		..	C	237	..	2.7TUL 7	...	..
1975	NOV	29	14	29	44.9	34.68	97.42		014	B	214	..	3.6TUL 2	VI	48
1975	DEC	19	05	29	25.0	34.1	97.4		..	C	237	..	2.5TUL 2	II	237
1976	MAR	16	07	39	45.3	35.43	95.60		..	C	237	..	2.7TUL 7	IV	237
1976	MAR	30	06	53	16	36.68	102.25		..	C	237	..	2.1TUL 2	V	237
1976	MAR	30	09	27	03.3	36.64	102.23		001	B	214	..	2.7TUL 2	V	49
1976	APR	16	18	59	48.7	36.16	99.84		014	B	214	..	3.4TUL 2	IV	49
1976	APR	17	02	48	05.7	34.1	97.4		..	D	237	..	2.4TUL 2	II	49
1976	APR	19	04	42	46.9	36.04	99.79		008	B	214	..	3.5TUL 2	IV	49
1976	JUN	23	08	21	17.8	34.1	97.4		..	C	237	..	2.7TUL 2	III	237
1976	JUN	24	08	02	39.5	34.1	97.4		..	C	237	..	1.4TUL 7	II	237
1976	SEP	20	09	40	16.2	34.16	97.40		..	C	237	..	2.1TUL 2	III	237
1976	OCT	20	04	05	39.8	34.75	96.12		..	C	237	..	2.5TUL 2	...	..
1976	OCT	22	17	15	50.5	36.38	97.06		..	C	237	..	3.0TUL 2	...	..
1976	DEC	19	08	26	36.7	34.92	95.73		005	B	49	..	2.9TUL 2	II	49
1977	JAN	06	16	19	54.0	34.70	96.73		005	B	39	..	2.2TUL 2	II	49
1977	FEB	04	20	52	29.3	34.06	97.37		005	B	39	..	1.9TUL 2	II	39
1977	FEB	10	01	28	16.3	34.06	97.37		005	B	39	..	1.9TUL 2	II	39

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1977	MAR	26	21	37	12.6	34.06	97.37	005	B	39	..	2.4TUL 4	III	39
1977	JUN	16	02	02	46.6	34.04	97.36	005	B	39	..	1.9TUL 2	II	39
1977	JUN	30	23	03	22.0	34.19	96.96	005	B	239	..	2.5TUL 2	...	..
1978	MAR	05	14	46	50.5	34.70	95.00	007	A	239	..	2.9TUL 2	...	..
1978	MAR	09	06	30	50.8	34.01	97.38	005	A	239	..	2.6TUL 2	II	240
1978	MAY	17	23	11	15.7	35.53	97.91	005	A	239	..	2.3TUL 2	I	240
1978	MAY	18	00	19	22.4	35.50	97.50	005	B	240	..	2.7TUL 2	III	240
1978	MAY	18	00	32	17.6	35.60	97.83	005	B	240	..	2.1TUL 2	II	240
1979	JAN	29	19	20	10.4	34.92	97.38	005	B	267	..	2.6TUL 2	...	..
1979	FEB	04	16	56	00.0	34.67	97.16	005	B	267	..	2.5TUL 2	...	..
1979	MAR	13	23	29	22.6	35.42	97.85	005	B	262	..	1.7TUL 7	II	262
1979	MAR	14	03	10	56.8	35.50	97.83	005	B	262	..	1.9TUL 2	IV	262
1979	MAR	14	04	37	15.3	35.52	97.78	005	B	262	..	2.2TUL 2	V	262
1979	MAR	18	20	05	35.0	35.42	98.11	005	B	262	..	2.5TUL 2	...	..
1979	MAR	18	20	44	19.5	35.38	98.12	005	B	262	..	2.9TUL 2	III	262
1979	MAR	18	21	42	10.5	35.39	98.11	005	B	267	..	2.5TUL 2	...	..
1979	MAR	18	23	19	01.3	34.10	97.45	005	B	262	..	2.3TUL 2	III	262
1979	MAR	19	03	42	55.1	35.40	98.11	005	B	267	..	2.5TUL 2	...	..
1979	MAY	22	03	49	23.8	34.03	97.47	005	B	262	..	1.9TUL 2	III	262
1979	JUN	07	07	39	36.3	35.22	99.76	002	B	214	..	3.0TUL 2	IV	262
1979	JUL	24	02	24	06.3	36.07	97.51	005	B	267	..	2.5TUL 2	...	..
1979	JUL	25	03	15	37.3	33.97	97.55	005	B	262	..	2.7TUL 2	V	262
1979	JUL	31	19	11	05.6	36.09	97.30	005	B	267	..	2.5TUL 2	...	..
1979	SEP	13	00	49	21.5	35.19	99.47	001	B	214	..	3.4TUL 2	IV	262
1979	SEP	16	15	57	20.8	35.34	98.00	005	B	262	..	2.5TUL 2	IV	262
1979	SEP	17	20	41	50.5	35.32	97.97	005	B	262	..	2.5TUL 2	IV	262
1979	NOV	27	09	10	36.8	35.63	98.41	005	B	267	..	3.3TUL 2	...	..
1979	DEC	09	23	12	58.7	33.99	97.35	005	B	262	..	2.5TUL 2	III	262
1979	DEC	16	12	37	37.5	35.16	98.74	005	B	267	..	2.5TUL 7	...	..
1980	FEB	15	04	32	35.4	34.05	97.45	005	B	300	..	2.3TUL 2	III	300
1980	MAY	30	07	44	02.7	35.51	99.39	005	B	300	..	2.6TUL 2	...	..
1980	JUL	08	01	34	44.0	34.00	97.35	005	B	300	..	2.5TUL 2	...	..
1980	JUL	18	14	29	46.9	35.18	99.70	005	B	300	..	3.2TUL 2	...	..
1980	NOV	01	05	26	13.8	35.47	97.84	008	B	300	..	2.0TUL 2	III	300
1980	NOV	02	10	00	48.9	35.46	97.76	001	B	214	..	3.0TUL 2	V	300
1980	NOV	22	19	35	02.8	35.38	95.99	005	B	300	..	2.5TUL 2	...	..
1980	DEC	05	00	07	26.3	33.91	97.28	005	B	300	..	2.4TUL 2	F	300

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1724	AUG	16	09	30	..	40.0	75.1	*	..	I	282	..	..	..	IV*	282
1737	DEC	08	03	58	..	39.9	75.4	*	..	H	158	..	..	..	IV*	158
1755	NOV	27	01	00	..	40.0	75.1	*	..	I	50	..	..	..	III*	50
1758	MAR	23	03	30	..	40.0	75.1	*	..	H	158	..	..	..	III*	158
1763	MAR	22	..	..	..	39.9	75.3	*	..	H	50	..	..	..	III*	50
1763	OCT	30	21	15	..	40.0	75.1	*	..	H	59	..	..	..	IV*	59
1772	APR	25	13	00	..	40.0	75.1	*	..	H	158	..	..	..	II*	158
1777	NOV	22	..	..	..	40.0	75.1	*	..	H	50	..	..	..	III*	50
1777	NOV	23	..	..	..	39.9	75.3	*	..	H	50	..	..	..	III*	50
1780	NOV	29	..	..	..	40.0	75.1	*	..	H	157	..	..	..	III*	157
1780	NOV	29	..	..	..	40.0	75.1	*	..	H	157	..	..	..	III*	157
1800	MAR	17	..	..	..	40.0	75.1	*	..	H	59	..	..	..	II	126
1800	NOV	29	..	..	..	40.0	75.1	*	..	H	59	..	..	..	...	..
1801	NOV	12	..	..	..	40.0	75.1	*	..	H	50	..	..	..	III*	50
1811	DEC	09	01	00	..	40.0	75.1	*	..	H	158	..	..	..	III*	158
1811	DEC	16	08	00	..	40.0	75.1	*	..	H	158	..	..	..	III*	158
1840	NOV	11	..	..	..	40.0	75.1	*	..	H	59	..	..	..	V	141
1840	NOV	14	..	..	..	40.0	75.1	*	..	H	59	..	..	..	...	..
1873	AUG	17	14	00	..	41.2	80.5	*	..	G	133	..	..	..	III*	133
1884	MAY	31	..	..	..	40.6	75.5		..	H	38	..	..	..	V	38
1885	JAN	15	09	10	..	40.3	76.3		..	G	76	..	..	..	III	84
1885	MAR	09	01	..	..	40.0	76.3	*	..	G	139	..	..	..	IV	84
1885	SEP	26	20	30	..	40.3	80.1	*	..	H	181	..	..	..	III*	181
1889	MAR	08	23	40	..	40.0	76.7		..	G	141	..	..	..	VI	142
1906	MAY	28	22	30	..	40.2	75.8	*	..	G	84	..	..	..	III	84
1907	JAN	10	09	45	..	41.2	77.1		..	G	76	..	..	..	IV	76
1907	JUN	10	10	45	..	40.5	78.5	x	..	G	84	..	..	..	...	..
1908	MAY	31	17	42	..	40.6	75.5		..	G	38	..	..	..	VI	38
1909	JAN	18	..	..	..	40.9	76.7	x	..	G	84	..	..	..	...	..
1921	SEP	27	04	32	..	42.1	80.1		..	G	105	..	..	..	III	105
1928	JUN	22	04	07	..	40.6	75.5	x	..	F	1	..	..	..	IV*	1
1934	OCT	29	20	07	..	42.2	80.2		..	G	77	..	..	..	V	7
1934	NOV	05	20	00	..	41.9	80.4	*	..	G	7	..	..	..	III	7
1936	AUG	26	09	00	..	41.4	80.4		..	G	77	..	..	..	III	77
1936	AUG	26	09	55	..	41.4	80.4	*	..	G	105	..	..	..	IV*	105
1937	MAR	25	14	54	..	40.9	78.2		..	G	105	..	..	..	III	105
1937	JUN	09	00	04	..	40.3	75.9		..	G	77	..	..	..	II	77
1938	JUL	15	22	46	12.0	40.68	78.43		001	D	201	..	3.3DEW	2	VI	38
1939	FEB	09	23	50	..	41.4	75.7	*	..	G	12	..	..	..	II*	12
1939	APR	02	03	00	..	40.0	76.3	*	..	G	12	..	..	..	II*	12
1940	MAY	28	20	06	..	40.3	76.9	*	..	G	13	..	..	..	III*	13
1940	SEP	27	..	..	..	41.6	75.7	*	..	H	126	..	..	..	II	126
1942	OCT	24	17	27	04	41.0	75.2		..	C	77	..	3.4OTT	1	...	..
1944	FEB	05	16	22	01	40.8	76.2		..	C	77	..	3.7OTT	1	...	..
1946	OCT	28	20	36	06	41.5	76.6		..	E	77	..	3.6OTT	1	...	..
1950	MAR	20	22	55	12	41.5	75.8		..	D	77	..	3.3OTT	1	...	..
1951	NOV	23	06	45	36	40.6	75.5		..	G	77	..	..	..	IV	77
1954	JAN	07	07	25	..	40.3	76.0		..	G	38	..	..	..	VI	38
1954	JAN	07	08	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	07	08	30	..	40.3	76.0		..	F	77	..	..	..	II*	27

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1954	JAN	07	10	45	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	08	01	25	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	08	01	30	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	08	18	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	08	21	45	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	09	07	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	09	08	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	09	14	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	09	16	30	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	09	18	25	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	09	20	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	09	21	30	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	10	04	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	10	22	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	13	21	00	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	14	03	30	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	15	19	40	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	17	02	54	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	17	03	32	..	40.3	76.0		..	F	77	..	..	..	II*	27
1954	JAN	24	03	30	..	40.3	76.0		..	G	77	..	..	..	III	77
1954	FEB	21	20	00	..	41.2	75.9		..	F	38	..	..	..	VII	38
1954	FEB	24	03	55	..	41.2	75.9		..	F	38	..	..	..	VI	38
1954	AUG	11	03	40	..	40.3	76.0		..	G	77	..	..	..	IV	77
1954	SEP	24	11	00	..	40.3	76.0		..	F	116	..	..	..	IV	116
1955	JAN	20	03	00	..	40.3	76.0		..	F	77	..	..	..	IV	28
1960	JAN	22	20	53	22.0	41.5	75.5	x	..	F	141	..	3.4XXX	1	...	..
1961	SEP	15	02	16	56	40.6	75.4		..	F	141	..	..	..	V	34
1961	DEC	27	17	06	..	40.1	74.9	*	..	G	34	..	..	..	V	34
1963	MAR	02	20	24	32.0	41.5	75.8		..	F	141	..	3.4OTT	1	...	..
1963	OCT	10	14	59	52.5	39.8	78.2		015	C	74	..	..	..	...	..
1964	FEB	13	19	46	40.8	40.38	77.96	x	001	A	201	..	3.3DEW	2	VI	141
1964	MAY	12	06	45	10.7	40.30	76.41		001	A	201	4.5	3.2DEW	2	VI	37
1965	OCT	08	02	17	27.0	40.1	79.7		..	C	144	..	3.3OTT	1	...	..
1971	MAR	05	17	19	12.0	40.69	77.99	x	000	B	201	..	..	..	...	..
1972	DEC	08	03	00	33.3	40.14	76.24		002	A	201	..	3.5DEW	2	V	45
1974	APR	27	14	45	39.9	40.97	75.91	x	000	A	201	3.0	3.2DEW	2	...	..
1978	JUL	16	06	39	37.8	39.92	76.26		005	B	240	..	3.1WES	2	V	240
1978	OCT	06	19	25	41.6	39.97	76.51		005	B	240	..	3.0PAL	2	V	240
1980	MAR	02	11	54	47.9	40.21	75.08		000	B	300	..	2.8PAL	2	...	..
1980	MAR	05	17	06	54.5	40.19	75.16		005	B	300	..	3.5PAL	2	IV	300
1980	MAR	05	17	20	32.4	40.18	75.07		005	B	300	..	3.1PAL	2	...	..
1980	MAR	11	06	00	26.0	40.16	75.10		005	B	300	..	3.7PAL	2	V	300
1980	MAR	11	16	16	05.5	40.25	74.99		002	B	300	..	2.8PAL	2	...	..
1980	MAY	02	15	23	23.5	40.16	74.99		005	B	300	..	2.8PAL	2	...	..
1980	MAY	02	19	02	24.4	40.26	75.03		000	B	300	..	3.0PAL	2	...	..

RHODE ISLAND

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1766	AUG	25	..	..	..	41.5	71.3		..	I	126	..	..	..	V	76
1776	FEB	07	..	..	..	41.7	71.4		..	H	126	..	..	..	II	126
1843	OCT	24	..	..	..	41.1	71.2		..	I	126	..	..	..	IV	126
1849	FEB	04	..	..	..	41.5	71.3	*	..	H	76	..	..	..	III	76
1852	JAN	10	11	40	..	41.2	71.4		..	H	76	..	..	..	IV	76
1875	MAR	09	..	..	..	41.7	71.5	*	..	I	211	..	..	..	III*	211
1876	SEP	22	04	30	..	41.5	71.3		..	H	78	..	..	..	V	76
1882	MAY	01	..	..	..	41.6	71.4		..	I	126	..	..	..	II	126
1883	FEB	28	03	30	..	41.5	71.5		..	H	38	..	..	..	V	38
1905	NOV	26	00	30	..	41.5	71.5	*	..	I	126	..	..	..	IV	126
1913	NOV	03	14	30	..	41.5	71.5		..	H	126	..	..	..	IV	126
1928	JAN	13	19	50	..	41.2	71.6		..	G	1	..	..	..	IV	126
1940	JAN	03	01	30	..	41.2	71.6		..	H	77	..	..	..	II	77
1940	JAN	03	02	00	..	41.2	71.6		..	H	77	..	..	..	II	77
1948	MAY	15	02	23	25	41.4	71.8		..	G	77	..	..	..	IV	77
1949	APR	17	00	15	..	41.6	71.5		..	G	77	..	..	..	IV	77
1951	JUN	10	17	20	37.7	41.52	71.53		005	B	201	..	3.9DEW	2	V*	24
1960	JAN	22	20	53	22	41.5	75.5		..	F	220	..	3.4OTT	1	...	..
1962	AUG	17	..	..	..	41.7	71.7		..	G	126	..	..	..	II	126
1963	OCT	18	..	..	..	41.7	71.8		..	G	126	..	..	..	II	126
1965	DEC	08	03	02	42.0	41.7	71.4		..	F	38	..	..	..	V	75
1967	FEB	02	13	40	09	41.4	71.4		..	C	40	..	2.4OTT	1	V	40
1974	OCT	01	06	36	21.0	41.66	71.55		..	C	47	..	2.5CON	2	II	47
1976	MAR	11	08	29	32.2	41.56	71.21		000	B	49	..	3.5CON	2	VI	49
1978	JUL	26	04	17	08.7	40.40	71.11		000	C	244	..	2.8WES	2	...	..
1978	AUG	10	21	12	11.6	40.46	71.13		029	C	244	..	3.5WES	2	...	..
1978	SEP	03	12	41	14.4	41.36	71.37		000	C	240	..	2.8WES	2	...	..

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1698	MAR	05	..	..	..	32.9	80.0	*	..	G	289	..	.. ..	III*	289
1754	MAY	19	16	..	..	32.9	80.0	*	..	G	288	..	.. ..	III*	289
1755	NOV	..	..	..	..	33.4	79.3	*	..	H	160	..	.. ..	III*	160
1757	FEB	07	..	..	..	32.9	80.0	*	..	G	160	..	.. ..	III*	160
1766	NOV	23	..	..	..	32.9	80.0	x	..	G	288	..	.. ..	...	..
1799	APR	04	..	..	..	32.9	80.0	*	..	G	96	..	.. ..	V*	96
1799	APR	11	08	20	..	32.9	80.0	*	..	G	288	..	.. ..	V	288
1799	APR	11	19	55	..	32.9	80.0	*	..	G	289	..	.. ..	V*	289
1816	DEC	30	..	..	..	32.9	80.0	*	..	G	288	..	.. ..	...	..
1817	JAN	08	09	00	..	32.9	80.0	*	..	G	288	..	.. ..	V	288
1820	SEP	03	08	30	..	33.4	79.3	*	..	G	289	..	.. ..	IV*	289
1843	FEB	07	15	00	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1843	APR	11	..	..	..	34.2	80.6	*	..	G	289	..	.. ..	III*	160
1853	MAY	20	..	..	..	34.0	81.2	*	..	G	289	..	.. ..	VI	289
1857	DEC	19	14	04	..	32.9	80.0		..	G	38	..	.. ..	V	289
1860	JAN	19	23	..	..	32.9	80.0	*	..	G	289	..	.. ..	V	289
1860	OCT	..	..	..	..	32.9	80.0	*	..	G	289	..	.. ..	III*	289
1860	OCT	22	..	..	..	34.2	82.4	*	..	G	289	..	.. ..	III*	289
1860	DEC	19	..	..	..	32.9	80.0	*	..	G	160	..	.. ..	III*	160
1869	...	..	..	..	..	32.9	80.0	*	..	G	289	..	.. ..	IV*	289
1876	OCT	..	..	..	..	32.9	80.0	*	..	G	160	..	.. ..	III*	160
1876	DEC	12	..	..	..	32.9	80.0	*	..	G	289	..	.. ..	IV*	289
1879	OCT	27	01	..	..	34.4	81.1	*	..	G	289	..	.. ..	III*	289
1886	JUN	..	..	..	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	AUG	27	06	30	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	AUG	27	13	30	..	32.9	80.0	*	..	G	96	..	.. ..	V	96
1886	AUG	28	06	30	..	32.9	80.0	*	..	F	289	..	.. ..	III*	289
1886	AUG	28	08	45	..	32.9	80.0	*	..	G	289	..	.. ..	VI	289
1886	AUG	28	09	40	..	32.9	80.0	*	..	F	289	..	.. ..	IV*	289
1886	AUG	28	10	30	..	32.9	80.0	*	..	G	96	..	.. ..	II*	96
1886	AUG	28	18	20	..	32.9	80.0	*	..	F	289	..	.. ..	IV*	289
1886	AUG	28	19	57	..	32.9	80.0	*	..	F	289	..	.. ..	III*	289
1886	AUG	28	21	30	..	32.9	80.0	*	..	F	289	..	.. ..	II*	289
1886	AUG	29	..	..	..	32.9	80.0	*	..	G	96	..	.. ..	II*	96
1886	SEP	01	02	51	..	32.9	80.0		..	G	38	..	.. ..	X	96
1886	SEP	01	02	59	..	32.9	80.0		..	G	38	..	.. ..	...	..
1886	SEP	01	03	09	..	32.9	80.0	*	..	G	96	..	.. ..	...	..
1886	SEP	01	03	14	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	03	30	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	05	55	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	06	05	..	32.9	80.0	*	..	G	96	..	.. ..	VI*	96
1886	SEP	01	07	00	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	09	00	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	13	25	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	14	00	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	14	59	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	18	00	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	22	15	..	32.9	80.0	*	..	G	96	..	.. ..	III*	96
1886	SEP	01	22	52	..	32.9	80.0	*	..	G	96	..	.. ..	II*	96
1886	SEP	02	01	00	..	32.9	80.0	*	..	G	96	..	.. ..	II*	96

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1886	SEP	02	04	55	..	32.9	80.0	*	..	G	96	..	..	..	V	96
1886	SEP	03	04	53	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	04	04	01	..	32.9	80.0	*	..	G	96	..	..	..	VI	96
1886	SEP	05	01	37	..	32.9	80.0	*	..	G	96	..	..	..	...	..
1886	SEP	06	04	06	..	32.9	80.0	*	..	G	96	..	..	..	VI	96
1886	SEP	06	04	15	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	06	12	30	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	06	16	35	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1886	SEP	06	18	40	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	07	04	15	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1886	SEP	07	12	00	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	07	14	00	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	07	16	30	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	07	21	52	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	07	22	00	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	08	17	55	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	09	06	06	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	10	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	12	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	13	14	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	14	..	..	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	15	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	15	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	17	06	29	..	32.9	80.0	*	..	G	289	..	..	..	VI*	289
1886	SEP	20	05	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1886	SEP	20	07	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1886	SEP	21	09	25	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	21	10	15	..	32.9	80.0	*	..	G	96	..	..	..	VI*	96
1886	SEP	21	10	30	..	32.9	80.0	*	..	G	96	..	..	..	V*	96
1886	SEP	21	21	15	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	22	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	SEP	27	19	02	..	32.9	80.0	*	..	G	96	..	..	..	VI	96
1886	SEP	27	22	02	..	32.9	80.0	*	..	G	96	..	..	..	V	96
1886	SEP	28	18	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	30	19	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	SEP	30	22	10	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	OCT	09	03	40	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1886	OCT	09	05	40	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1886	OCT	09	06	48	..	32.9	80.0	*	..	G	96	..	..	..	VI	96
1886	OCT	09	18	46	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	OCT	15	09	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	OCT	15	12	40	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	OCT	22	06	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1886	OCT	22	07	20	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1886	OCT	22	10	20	..	32.9	80.0		..	G	38	..	..	..	VI	38
1886	OCT	22	19	45	..	32.9	80.0		..	G	38	..	..	..	VII	38
1886	OCT	23	01	07	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1886	OCT	23	04	54	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	OCT	30	08	40	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	OCT	31	19	21	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	OCT	31	21	46	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	NOV	05	17	20	..	32.9	80.0		..	G	38	..	..	..	VI	38
1886	NOV	07	19	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	NOV	17	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1886	NOV	28	15	10	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	NOV	28	20	13	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1886	DEC	01	..	..	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	DEC	02	06	36	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	DEC	02	13	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1886	DEC	06	..	..	..	32.9	80.0	*	..	C	96	..	..	..	III*	96
1887	JAN	03	06	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	JAN	04	11	44	..	32.9	80.0	*	..	G	96	..	..	..	VI	96
1887	JAN	04	12	40	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1887	JAN	05	13	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1887	JAN	11	00	57	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	FEB	26	11	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	MAR	04	07	00	..	32.9	80.0	*	..	G	289	..	..	..	IV	289
1887	MAR	17	14	09	..	32.9	80.0	*	..	G	289	..	..	..	V	289
1887	MAR	18	23	10	..	32.9	80.0	*	..	G	96	..	..	..	IV*	138
1887	MAR	19	..	..	..	32.9	80.0	*	..	G	138	..	..	..	IV*	138
1887	MAR	20	..	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1887	MAR	22	00	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	MAR	24	04	05	..	32.9	80.0	*	..	G	138	..	..	..	IV*	138
1887	MAR	24	10	..	..	32.9	80.0	*	..	G	138	..	..	..	II*	138
1887	MAR	24	..	..	..	32.9	80.0	*	..	G	138	..	..	..	IV*	138
1887	MAR	27	18	..	..	32.9	80.0	*	..	G	138	..	..	..	II*	138
1887	MAR	28	..	..	..	32.9	80.0	*	..	G	138	..	..	..	II*	138
1887	MAR	28	..	..	..	32.9	80.0	*	..	G	138	..	..	..	IV*	138
1887	MAR	30	00	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	MAR	31	..	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	APR	05	11	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	APR	07	04	..	..	32.9	80.0	*	..	G	138	..	..	..	IV*	138
1887	APR	08	09	..	..	32.9	80.0	*	..	G	138	..	..	..	IV*	138
1887	APR	09	12	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	APR	10	11	30	..	32.9	80.0	*	..	G	96	..	..	..	IV*	138
1887	APR	14	07	25	..	32.9	80.0	*	..	G	289	..	..	..	IV*	289
1887	APR	14	12	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	APR	16	12	00	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1887	APR	18	05	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1887	APR	19	..	..	..	32.9	80.0	*	..	G	289	..	..	..	II*	289
1887	APR	23	..	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	APR	24	06	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	APR	24	07	..	..	32.9	80.0	*	..	G	289	..	..	..	II*	289
1887	APR	26	02	..	..	32.9	80.0	*	..	G	138	..	..	..	II*	138
1887	APR	26	04	30	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	APR	26	10	..	..	32.9	80.0	*	..	G	289	..	..	..	IV*	138
1887	APR	26	11	30	..	32.9	80.0	*	..	G	289	..	..	..	II*	138
1887	APR	28	08	..	..	32.9	80.0	*	..	G	138	..	..	..	V*	138
1887	APR	28	09	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1887	APR	30	03	10	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	APR	30	23	45	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	MAY	06	..	..	..	32.9	80.0	*	..	G	138	..	..	..	IV*	138
1887	MAY	12	03	30	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	MAY	12	05	..	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	MAY	14	07	25	..	32.9	80.0	x	..	G	138	..	..	..	...	..
1887	MAY	14	..	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	MAY	16	12	..	..	32.9	80.0	*	..	G	138	..	..	..	III*	138
1887	MAY	17	00	..	..	32.9	80.0	*	..	G	138	..	..	..	II*	138
1887	JUN	03	12	00	..	32.9	80.0	*	..	G	96	..	..	..	IV	96
1887	JUN	06	00	..	..	32.9	80.0	*	..	G	96	..	..	..	II	96
1887	JUN	06	..	..	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1887	JUL	10	18	00	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1887	AUG	27	04	30	..	32.9	80.0	*	..	G	289	..	..	..	V*	289

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1887	AUG	27	09	20	..	32.9	80.0 *	..	G	289	..	.. ..	IV*	289
1887	AUG	28	03	30	..	32.9	80.0 *	..	G	289	..	.. ..	III*	289
1888	JAN	12	14	50	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1888	JAN	12	15	54	..	32.9	80.0 *	..	G	96	..	.. ..	VI*	96
1888	JAN	15	23	40	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1888	JAN	16	17	52	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1888	FEB	02	03	..	..	32.9	80.0 *	..	G	138	..	.. ..	III*	138
1888	FEB	02	..	..	..	32.9	80.0 *	..	G	138	..	.. ..	II*	138
1888	FEB	12	..	..	..	32.9	80.0 *	..	G	289	..	.. ..	III*	289
1888	FEB	29	11	..	..	32.9	80.0 *	..	G	138	..	.. ..	V*	138
1888	MAR	03	04	30	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1888	MAR	03	..	..	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1888	MAR	04	..	..	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1888	MAR	14	05	..	..	32.9	80.0 *	..	G	138	..	.. ..	V*	138
1888	MAR	20	05	..	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1888	MAR	25	..	..	..	32.9	80.0 *	..	G	289	..	.. ..	IV*	289
1888	APR	16	..	..	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1888	APR	16	..	..	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1888	APR	16	16	..	..	32.9	80.0 *	..	G	138	..	.. ..	III*	138
1888	APR	20	03	..	..	32.9	80.0 *	..	G	138	..	.. ..	III*	138
1888	APR	20	..	..	..	32.9	80.0 *	..	G	138	..	.. ..	III*	138
1888	MAY	02	..	..	..	32.9	80.0 *	..	G	138	..	.. ..	IV*	138
1889	FEB	10	00	31	..	32.9	80.0 *	..	G	289	..	.. ..	IV*	289
1889	JUL	12	02	54	..	32.9	80.0 *	..	G	289	..	.. ..	IV*	289
1889	AUG	29	02	..	..	32.9	80.0 *	..	G	289	..	.. ..	III*	289
1890	JAN	15	11	42	..	32.9	80.0 *	..	G	289	..	.. ..	III*	289
1891	JUN	24	04	29	..	32.9	80.0 *	..	G	289	..	.. ..	II*	289
1891	OCT	13	05	55	..	32.9	80.0 *	..	G	96	..	.. ..	IV*	96
1891	DEC	05	22	10	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	03	17	25	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	04	04	45	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	04	08	09	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	04	11	20	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	NOV	06	07	53	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	08	08	03	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	08	12	25	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	09	21	20	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	NOV	10	04	02	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	10	11	58	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	10	22	03	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	NOV	11	04	47	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1892	NOV	11	05	34	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	NOV	11	07	47	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	NOV	12	04	02	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	NOV	23	06	20	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	DEC	22	07	05	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1892	DEC	22	11	02	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	FEB	14	00	17	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	FEB	14	06	14	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	MAR	02	09	03	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	MAR	02	16	04	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	MAR	03	10	30	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	MAR	03	11	27	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	MAR	08	03	57	..	32.9	80.0 *	..	G	96	..	.. ..	II*	96
1893	JUN	21	04	05	..	32.9	80.0 *	..	G	96	..	.. ..	V*	96
1893	JUN	21	09	12	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96
1893	JUN	21	09	48	..	32.9	80.0 *	..	G	96	..	.. ..	III*	96

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1893	JUN	24	00	22	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	JUN	24	06	35	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUN	27	14	31	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUN	29	05	24	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	03	16	55	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	03	19	20	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	04	02	50	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	04	08	45	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	05	04	20	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	05	08	10	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	JUL	06	03	20	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	06	05	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	06	09	05	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	JUL	07	12	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	08	04	50	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	08	07	48	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	JUL	08	15	25	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	JUL	08	15	59	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	09	05	10	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	09	08	00	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	11	03	12	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	12	02	10	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	23	04	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	JUL	25	07	54	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	AUG	03	02	05	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	AUG	10	04	00	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	AUG	14	04	10	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	AUG	17	06	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	06	05	10	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	19	05	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	19	07	05	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	SEP	19	07	40	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	SEP	19	08	55	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	SEP	21	05	40	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	SEP	21	07	25	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	SEP	22	01	40	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	25	03	20	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	25	04	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	25	09	30	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	27	01	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	30	02	10	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	SEP	30	09	05	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	OCT	01	01	50	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	OCT	02	01	58	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	OCT	02	03	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	OCT	02	03	35	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	OCT	08	04	28	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	OCT	10	01	35	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	OCT	17	01	40	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	OCT	24	03	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	OCT	25	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	NOV	08	04	40	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	NOV	08	06	05	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	DEC	03	16	35	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	DEC	27	06	51	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	DEC	27	07	17	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1893	DEC	27	09	09	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	DEC	27	09	56	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	DEC	28	02	20	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1893	DEC	29	03	46	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1893	DEC	30	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1893	DEC	31	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	JAN	10	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	JAN	10	08	05	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1894	JAN	10	08	49	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1894	JAN	10	09	15	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1894	JAN	18	06	45	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	JAN	30	04	05	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1894	FEB	01	05	21	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1894	FEB	14	05	40	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	MAR	05	04	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	MAR	14	03	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	MAR	16	19	50	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	APR	15	08	20	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	MAY	26	08	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	JUN	06	11	05	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	JUN	09	10	55	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	JUN	16	01	52	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	JUN	16	02	16	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1894	AUG	11	05	10	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	AUG	11	17	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	AUG	14	03	45	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	AUG	16	05	06	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	AUG	19	04	23	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	AUG	19	04	46	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	AUG	20	07	40	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	SEP	07	04	05	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	SEP	10	07	33	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	SEP	12	05	10	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	SEP	12	05	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1894	OCT	27	07	10	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	DEC	11	05	27	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1894	DEC	20	09	40	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	DEC	20	10	50	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1894	DEC	29	07	59	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1895	JAN	08	05	40	..	32.9	80.0	*	..	G	289	..	..	..	IV*	289
1895	JAN	08	05	58	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1895	JAN	08	07	29	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1895	JAN	10	08	08	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1895	FEB	07	12	53	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1895	APR	07	..	..	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1895	APR	27	07	40	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1895	MAY	06	08	50	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1895	JUL	25	04	01	..	32.9	80.0	*	..	G	289	..	..	..	IV*	289
1895	JUL	25	06	08	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1895	AUG	23	06	43	..	32.9	80.0	*	..	G	289	..	..	..	III*	289
1895	OCT	06	06	25	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1895	OCT	20	17	08	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1895	OCT	31	11	14	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1895	NOV	06	05	10	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1895	NOV	12	23	33	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1895	NOV	13	03	11	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1895	DEC	03	05	26	..	32.9	80.0	*	..	G	96	..	..	..	III*	96

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1895	DEC	26	06	46	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	FEB	10	04	18	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	MAR	01	07	50	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	MAR	03	01	45	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	MAR	19	08	22	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	MAY	21	06	05	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	MAY	31	08	09	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	JUN	01	09	51	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	JUN	23	05	51	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	JUN	29	06	49	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	JUN	30	05	12	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	AUG	07	05	56	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	AUG	07	07	45	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	AUG	07	09	02	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	AUG	11	05	58	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	AUG	11	06	14	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	AUG	11	08	15	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	AUG	11	09	24	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	AUG	12	07	42	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	AUG	13	03	25	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	AUG	14	05	43	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	AUG	15	08	16	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	AUG	16	08	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	AUG	17	05	45	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	AUG	30	03	24	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	SEP	08	13	31	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	SEP	08	18	16	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1896	SEP	11	01	50	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	SEP	11	05	11	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1896	SEP	13	05	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1896	NOV	14	08	15	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1897	FEB	01	12	05	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1897	MAR	17	03	48	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1897	MAR	30	05	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1897	MAY	06	21	15	..	33.3	81.2	*	..	G	289	..	..	..	...	..
1897	MAY	09	..	..	..	33.9	81.6	*	..	G	289	..	..	..	III*	289
1897	MAY	24	21	15	..	33.3	81.2	*	..	G	289	..	..	..	...	..
1897	MAY	27	19	00	..	33.3	81.2	*	..	G	289	..	..	..	...	..
1897	JUN	01	05	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1897	JUL	10	12	45	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1898	AUG	03	21	30	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1898	SEP	23	14	15	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1899	JAN	20	..	..	..	34.2	81.7	*	..	G	289	..	..	..	III*	289
1899	MAR	10	05	45	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1899	MAR	16	13	45	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1899	MAY	05	10	43	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1899	MAY	18	09	30	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1899	NOV	04	..	..	..	34.3	82.8	*	..	G	289	..	..	..	III*	289
1899	DEC	04	12	48	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1899	DEC	19	..	..	..	34.3	81.4	*	..	G	289	..	..	..	III*	289
1900	JAN	14	10	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1900	MAY	10	23	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1900	AUG	11	00	50	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1900	SEP	04	11	05	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1900	SEP	24	19	36	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1901	JAN	..	..	..	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1901	SEP	05	06	38	..	32.9	80.0	*	..	G	96	..	..	..	II*	96

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1901	SEP	14	13	26	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1901	SEP	16	17	06	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1901	SEP	17	13	35	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1901	SEP	29	01	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1901	OCT	01	16	40	..	34.2	81.7	*	..	G	289	..	..	..	...	..
1901	DEC	02	00	26	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1902	JAN	22	15	11	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1902	FEB	05	04	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1902	MAR	18	01	45	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1902	MAR	26	09	20	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1902	MAY	16	03	30	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1902	MAY	24	14	05	..	32.9	80.0	*	..	G	96	..	..	..	III*	289
1902	JUN	10	..	..	..	34.2	81.7	*	..	G	289	..	..	..	III*	289
1902	SEP	28	20	04	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1902	NOV	20	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1903	JAN	24	01	..	..	32.9	80.0	*	..	G	96	..	..	..	IV	96
1903	JAN	29	12	15	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1903	JAN	31	10	54	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1903	FEB	03	10	06	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1903	MAY	09	10	49	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1903	JUN	17	03	49	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1903	AUG	25	14	56	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1903	DEC	24	19	35	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	MAR	06	01	40	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	MAR	14	03	30	..	34.5	82.0	*	..	G	289	..	..	..	...	..
1904	MAR	16	..	..	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	APR	30	..	..	..	34.0	81.6	*	..	G	289	..	..	..	...	..
1904	JUN	19	14	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	JUN	22	23	00	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	SEP	05	14	53	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1904	SEP	10	14	27	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	SEP	24	19	36	..	32.9	80.0	*	..	G	289	..	..	..	...	..
1904	OCT	01	08	45	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	NOV	15	16	47	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1904	DEC	06	22	48	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1905	MAR	05	14	15	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1905	JUN	04	00	..	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1905	JUL	23	07	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1905	JUL	23	07	25	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1905	OCT	11	18	45	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1905	OCT	16	07	10	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1905	DEC	28	03	15	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1906	APR	18	..	..	..	34.1	81.3	*	..	G	289	..	..	..	...	..
1906	AUG	05	06	20	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1907	APR	19	08	30	..	32.9	80.0		..	G	38	..	..	..	V	38
1908	JAN	15	19	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1908	JAN	15	19	01	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1908	MAR	03	21	06	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1908	MAR	07	06	50	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1908	OCT	26	04	10	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1908	DEC	28	11	24	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1909	FEB	26	04	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1909	AUG	21	13	36	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1909	DEC	14	23	00	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1910	MAY	02	09	15	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1910	SEP	02	07	18	..	32.9	80.0	*	..	G	96	..	..	..	III*	96

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1910	SEP	12	18	29	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1911	APR	20	..	..	..	35.1	82.7	*	..	G	71	..	..	..	V	38
1911	NOV	24	12	17	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1912	MAR	31	20	25	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1912	JUN	12	10	30	..	32.9	80.0	*	..	G	96	..	..	..	VII	38
1912	JUN	29	..	..	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1912	AUG	30	16	52	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1912	SEP	29	08	06	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1912	NOV	17	12	30	..	32.9	80.0	*	..	G	96	..	..	..	IV*	96
1912	NOV	26	03	32	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1912	DEC	07	19	10	..	34.7	81.7		..	G	289	..	..	..	IV*	289
1912	DEC	15	16	54	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1913	JAN	01	18	28	..	34.7	81.7		..	G	38	..	..	..	VII	162
1913	JAN	26	00	37	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1913	FEB	05	21	06	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1913	MAR	09	16	30	..	32.9	80.0	*	..	G	96	..	..	..	III*	96
1913	JUN	06	18	20	..	32.9	80.0	*	..	G	96	..	..	..	II*	96
1914	MAR	06	20	30	..	34.7	81.2	*	..	G	135	..	..	..	III*	135
1914	MAR	07	01	20	..	34.2	79.8		..	F	289	..	..	..	IV*	84
1914	JUN	01	04	03	..	32.8	80.6	*	..	G	289	..	..	..	III	289
1914	JUN	19	08	13	..	32.9	80.0	*	..	G	84	..	..	..	III	84
1914	JUL	14	01	53	..	32.9	80.0	*	..	G	84	..	..	..	IV	135
1914	JUL	14	08	00	..	32.9	80.0	*	..	G	84	..	..	..	II	84
1914	SEP	22	07	04	..	32.9	80.0	*	..	G	84	..	..	..	V	38
1914	DEC	23	11	55	..	32.9	80.0	*	..	G	84	..	..	..	II	84
1915	DEC	13	00	55	..	32.9	80.0	*	..	G	84	..	..	..	III*	84
1915	DEC	20	00	55	..	32.9	80.0	*	..	G	103	..	..	..	III*	103
1916	MAR	02	05	02	..	34.5	82.7		..	G	84	..	..	..	IV*	84
1916	APR	16	11	56	..	32.9	80.0	*	..	G	84	..	..	..	II	84
1916	APR	30	06	45	..	32.9	80.0	*	..	G	84	..	..	..	III*	84
1916	JUN	25	12	05	..	32.9	80.0	*	..	G	84	..	..	..	III	84
1916	JUL	14	18	18	..	32.9	80.0	*	..	G	84	..	..	..	II*	289
1916	SEP	24	09	42	..	32.9	80.0	*	..	G	84	..	..	..	II	84
1917	APR	11	19	01	..	32.9	80.0	*	..	G	84	..	..	..	II*	84
1920	AUG	01	11	53	..	32.9	80.0	*	..	G	84	..	..	..	II*	84
1921	APR	19	23	45	..	32.9	80.0	*	..	G	84	..	..	..	III	84
1921	APR	23	23	48	..	32.9	80.0	*	..	G	84	..	..	..	III	84
1922	AUG	08	09	25	..	32.9	80.0	*	..	G	84	..	..	..	II*	84
1923	MAR	24	04	25	..	32.9	80.0	*	..	G	84	..	..	..	III	84
1923	MAY	04	10	55	..	34.3	82.4	*	..	G	137	..	..	..	II	137
1924	JAN	01	01	06	..	34.8	82.5	*	..	G	84	..	..	..	IV	84
1924	FEB	14	16	06	..	32.9	80.0	*	..	G	84	..	..	..	III	84
1924	JUN	03	15	43	..	32.9	80.0	*	..	G	84	..	..	..	III	84
1924	SEP	26	09	49	..	32.9	80.0	*	..	G	289	..	..	..	...	..
1924	OCT	20	08	30	..	35.0	82.6		..	G	38	..	..	..	V	38
1928	DEC	19	22	17	..	32.9	80.0	*	..	G	1	..	..	..	II*	1
1929	JAN	03	12	05	..	33.9	80.3		..	G	2	..	..	..	IV*	2
1929	OCT	28	02	15	..	34.3	82.4		..	G	2	..	..	..	IV*	2
1930	SEP	03	01	30	..	32.9	80.0	*	..	G	3	..	..	..	III*	3
1930	DEC	10	00	02	..	34.3	82.4		..	G	3	..	..	..	IV*	3
1930	DEC	10	08	..	..	34.3	82.4		..	G	3	..	..	..	II*	3
1930	DEC	26	03	..	..	34.5	80.3		..	G	3	..	..	..	IV*	3
1931	MAY	06	12	18	..	34.3	82.4	*	..	G	289	..	..	..	IV*	289
1932	JAN	06	12	35	..	32.9	80.0	*	..	G	5	..	..	..	II*	5
1932	JAN	13	12	40	..	32.9	80.0	*	..	G	5	..	..	..	II*	5
1933	JUL	26	02	34	..	32.9	80.0	*	..	G	6	..	..	..	III	6
1933	DEC	19	14	12	..	32.9	80.0	*	..	G	6	..	..	..	IV	6

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1933	DEC	23	09	40	..	32.9	80.0 *	..	G	6	..	.. ..	V*	6
1933	DEC	23	09	55	..	32.9	80.0 *	..	G	6	..	.. ..	IV*	6
1934	DEC	09	09	..	..	32.9	80.0 *	..	G	7	..	.. ..	IV	7
1935	FEB	06	12	36	..	32.9	80.0 *	..	G	8	..	.. ..	III*	8
1935	OCT	20	16	20	..	32.9	80.0 *	..	G	8	..	.. ..	III*	8
1936	DEC	30	03	50	..	32.9	80.0 *	..	G	9	..	.. ..	II*	9
1937	OCT	25	19	01	..	32.9	80.0 *	..	G	10	..	.. ..	II*	10
1938	AUG	05	00	14	..	32.9	80.0 *	..	G	11	..	.. ..	II*	11
1940	JAN	05	08	46	..	32.9	80.0 *	..	G	13	..	.. ..	III*	13
1940	JAN	05	13	45	..	32.9	80.0 *	..	G	13	..	.. ..	III*	13
1940	OCT	08	03	20	..	32.9	80.0 *	..	G	13	..	.. ..	II*	13
1940	DEC	27	09	32	..	32.9	80.0 *	..	G	13	..	.. ..	II*	13
1942	NOV	01	02	20	..	34.4	81.1 *	..	G	15	..	.. ..	II*	15
1943	DEC	28	14	25	..	32.9	80.0 *	..	G	16	..	.. ..	IV*	16
1944	JAN	28	17	30	..	32.9	80.0 *	..	G	17	..	.. ..	IV*	17
1945	JAN	30	20	20	..	32.9	80.0 *	..	G	18	..	.. ..	IV*	18
1945	MAY	18	12	20	..	32.9	80.0 *	..	G	18	..	.. ..	III*	18
1945	MAY	18	12	40	..	32.9	80.0 *	..	G	18	..	.. ..	III*	18
1945	JUN	05	12	10	..	32.9	80.0 *	..	G	18	..	.. ..	II*	18
1945	JUL	26	10	32	16.4	33.75	81.38	005	B	201	..	4.4DEW 2	VI*	289
1946	FEB	08	18	09	..	32.9	80.0 *	..	G	19	..	.. ..	III*	19
1947	NOV	02	04	30	..	32.9	80.0 *	..	G	20	..	.. ..	IV*	20
1949	FEB	02	10	52	..	32.9	80.0 *	..	G	22	..	.. ..	IV*	22
1949	JUN	27	06	53	..	32.9	80.0 *	..	G	22	..	.. ..	IV*	22
1951	MAR	04	02	55	..	32.9	80.0 *	..	G	24	..	.. ..	IV*	24
1951	MAR	08	00	20	..	32.9	80.0 *	..	G	24	..	.. ..	II*	24
1951	MAR	10	08	18	..	32.9	80.0 *	..	G	24	..	.. ..	II*	24
1951	DEC	30	07	55	..	32.9	80.0 *	..	G	24	..	.. ..	IV*	24
1952	SEP	27	12	32	..	32.9	80.0 *	..	G	25	..	.. ..	III*	25
1952	NOV	19	..	..	..	32.9	80.0 *	..	G	25	..	.. ..	V	25
1956	JAN	05	08	00	..	34.3	82.4 *	..	G	29	..	.. ..	IV	29
1956	JAN	05	08	30	..	34.3	82.4 *	..	G	29	..	.. ..	IV*	29
1956	MAY	19	19	00	..	34.3	82.4 *	..	G	29	..	.. ..	IV*	29
1956	MAY	27	23	25	..	34.3	82.4 *	..	G	29	..	.. ..	IV	29
1958	OCT	20	06	16	..	34.5	82.7 *	..	G	31	..	.. ..	V	31
1959	AUG	03	06	08	36.8	33.05	80.13	001	B	201	..	4.4DEW 2	VI	32
1959	OCT	27	02	07	28	34.5	80.2	..	G	38	..	.. ..	VI	38
1960	MAR	12	12	47	44.0	33.07	80.12	009	B	201	..	4.0DEW 2	V	38
1960	JUL	24	03	37	30	32.9	80.0 *	..	G	33	..	.. ..	V	33
1961	MAY	20	15	43	..	32.9	80.0 *	..	G	34	..	.. ..	III	34
1961	OCT	18	00	35	..	32.9	80.0 *	..	G	34	..	.. ..	III	34
1963	APR	11	17	45	..	34.9	82.4 *	..	G	36	..	.. ..	IV	36
1963	MAY	04	21	01	50.3	32.97	80.19	005	B	201	..	3.3JLM 5	IV	36
1964	APR	20	19	04	44.1	33.84	81.10	003	B	201	..	3.5JLM 5	V	38
1965	SEP	09	04	37	16	34.7	81.2 *	..	G	75	..	.. ..	...	..
1965	SEP	09	14	42	20	34.7	81.2 *	..	G	75	..	3.9JLM 5	...	..
1965	SEP	10	07	32	00	34.7	81.2 *	..	G	75	..	3.0JLM 5	...	..
1965	SEP	12	18	25	02	34.7	81.2 *	..	G	75	..	2.9JLM 5	...	..
1967	OCT	23	09	04	02.5	32.80	80.22	019	B	201	3.8	3.4GB 2	V	40
1968	JUL	10	04	24	..	32.9	80.0 *	..	G	41	..	.. ..	II*	41
1968	JUL	10	10	46	..	32.9	80.0 *	..	G	41	..	.. ..	II*	41
1968	JUL	12	01	12	..	32.8	79.7 *	..	G	289	..	.. ..	IV	41
1968	SEP	22	21	41	18.2	34.11	81.48	001	B	201	3.7	3.5JLM 5	IV	41
1969	DEC	13	10	19	29.7	35.04	82.85	006	A	201	..	3.4GB 2	IV	132
1971	MAY	19	12	54	03.6	33.36	80.66	001	B	201	3.4	3.7GB 2	V	44
1971	JUN	10	04	19	..	34.7	82.9	..	D	203	..	2.8JLM 5	...	..
1971	JUL	13	08	15	..	34.76	82.98*	..	F	44	..	.. ..	...	..

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1971	JUL	13	09	39	..	34.7	82.9	..	D	203	..	2.8JLM 5	...	..
1971	JUL	13	10	54	..	34.7	82.9	..	D	203	..	2.9JLM 5	...	..
1971	JUL	13	11	07	..	34.7	82.9	..	D	203	..	2.7JLM 5	...	..
1971	JUL	13	11	42	26.0	34.76	82.98	..	B	163	..	3.7GB 2	VI	44
1971	JUL	13	11	49	..	34.7	82.9	..	D	203	..	2.9JLM 5	...	..
1971	JUL	13	15	06	..	34.7	82.9	..	D	203	..	3.0JLM 5	...	..
1971	JUL	31	20	16	55.0	33.34	80.63	004	B	201	..	3.8BLA 2	III	163
1971	AUG	11	..	..	..	33.4	80.7 *	..	G	289	..	3.5BLA 2	...	..
1972	FEB	03	23	11	09.7	33.31	80.58	002	A	201	4.5	4.5GB 2	V	45
1972	FEB	06	..	..	..	33.2	80.6 *	..	G	45	..	.. ..	II*	45
1972	FEB	07	02	46	..	33.46	80.58	..	D	203	..	3.2JLM 5	III*	45
1972	FEB	07	02	53	..	33.46	80.58	..	D	203	..	3.2JLM 5	III*	45
1972	AUG	14	15	05	19	33.2	81.4 *	..	F	45	..	3.0ATL 1	III*	45
1973	MAR	28	11	19	..	34.3	81.4 *	..	D	289	..	.. ..	...	..
1973	MAR	29	08	28	..	34.3	81.4 *	..	D	289	..	.. ..	...	..
1973	MAR	29	12	19	..	34.3	81.4 *	..	D	289	..	.. ..	...	..
1973	MAR	29	16	19	..	34.3	81.4 *	..	D	289	..	.. ..	...	..
1973	DEC	19	10	16	08.7	32.97	80.27	006	A	201	..	3.0JLM 5	III*	46
1974	OCT	08	23	22	28	33.9	82.4 *	..	F	47	3.1	.. ..	III*	47
1974	OCT	28	11	33	..	33.79	81.92	..	F	47	..	3.0CSC 1	IV	47
1974	NOV	05	03	00	..	33.73	82.22	..	F	47	..	3.7CSC 1	II	47
1974	NOV	22	05	25	56.7	32.93	80.16	006	A	201	4.7	4.3GB 2	VI	47
1974	NOV	22	06	22	44.4	32.89	80.14	010	A	290	..	2.7TAR 6	...	..
1974	DEC	03	08	25	..	33.95	82.50	..	F	47	..	3.6CSC 1	IV*	289
1975	APR	28	05	46	52.6	33.00	80.22	010	A	290	..	3.0SLM 2	IV	48
1975	OCT	18	04	31	..	34.9	83.0 *	..	F	48	..	.. ..	IV	48
1975	NOV	16	01	01	03.5	34.26	80.57	007	B	48	..	2.8GS 2	II	48
1975	NOV	25	15	17	34.8	34.94	82.90	010	A	201	..	3.2SLM 2	IV	48
1975	DEC	08	18	02	23	35.0	82.9 *	..	F	48	..	.. ..	II	48
1977	JAN	18	18	29	14.2	33.04	80.21	007	A	290	..	3.0BLA 2	VI	39
1977	MAR	30	08	27	47.8	32.95	80.18	008	A	290	..	2.9TAR 6	V	39
1977	MAY	31	23	50	14.0	32.94	80.23	012	A	290	..	2.3GS 2	II	39
1977	JUN	05	00	42	29.7	33.05	81.41	004	A	290	..	2.7TAR 6	...	..
1977	AUG	25	04	20	07.5	33.37	80.69	003	A	322	..	3.1BLA 2	IV	39
1977	SEP	07	14	41	32.7	34.98	82.92	..	B	322	..	2.5CSC 6	...	..
1977	DEC	15	07	15	55.2	32.98	80.26	013	A	322	..	2.5BLA 2	...	..
1977	DEC	15	19	16	43.6	32.94	80.16	008	A	322	..	3.0BLA 2	V	39
1978	JAN	25	08	29	39.0	34.30	81.24	001	B	240	..	2.6GS 2	...	..
1978	FEB	04	09	14	38.5	34.30	81.30	001	A	322	..	2.6GS 6	...	..
1978	FEB	08	20	35	39.6	34.06	82.13	011	A	290	..	2.5TAR 6	...	..
1978	FEB	09	19	19	13.8	34.61	81.75	005	B	322	..	2.6GS 6	...	..
1978	FEB	10	20	23	38.7	34.34	81.34	001	A	322	..	2.5CSC 6	...	..
1978	FEB	11	00	19	00.7	34.34	81.35	003	A	322	..	2.5CSC 6	...	..
1978	FEB	11	05	19	00.2	34.34	81.34	001	A	322	..	2.7GS 6	...	..
1978	FEB	11	12	00	25.8	34.33	81.30	002	A	322	..	2.6GS 6	...	..
1978	FEB	14	12	45	07.2	34.34	81.34	002	A	322	..	2.5CSC 6	...	..
1978	FEB	14	13	09	59.5	34.35	81.34	002	B	322	..	2.6CSC 6	...	..
1978	FEB	14	17	06	41.1	34.79	81.76	006	A	290	..	2.5TAR 6	...	..
1978	FEB	15	21	14	34.2	34.39	81.34	000	B	322	..	2.5CSC 6	...	..
1978	FEB	16	02	14	33.4	34.33	81.36	002	A	322	..	2.6GS 6	...	..
1978	FEB	22	07	13	25.1	34.32	81.35	001	A	322	..	2.6CSC 6	...	..
1978	FEB	22	12	13	24.3	34.33	81.35	001	A	322	..	2.8GS 6	...	..
1978	FEB	22	13	04	59.2	34.35	81.35	000	A	322	..	2.5GS 6	...	..
1978	FEB	24	07	34	10.5	34.33	81.34	001	A	322	..	2.7GS 6	...	..
1978	FEB	25	04	02	42.7	34.34	81.35	001	A	322	..	2.5GS 6	...	..
1978	FEB	26	06	52	35.4	34.31	81.29	001	A	322	..	2.6CSC 6	...	..

SOUTH CAROLINA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1978	FEB	26	11	52	33.0	34.39	81.36	001	A	322	..	2.8GS	6	...	..
1978	FEB	26	18	17	48.8	34.32	81.34	000	A	322	..	2.9GS	6	...	..
1978	MAR	27	20	56	44.7	34.78	82.59	001	A	290	..	2.5TAR	6	...	..
1978	APR	22	06	36	24.3	34.23	81.26	000	B	322	..	2.6BLA	2	...	..
1978	MAY	02	01	46	11.6	34.16	82.74	016	A	290	..	2.9TAR	6	...	..
1978	MAY	16	16	06	11.9	34.95	81.81	011	A	290	..	2.6TAR	6	...	..
1978	JUN	11	05	28	20.5	34.04	81.64	004	A	290	..	2.5TAR	6	...	..
1978	JUN	12	06	33	16.1	34.04	82.46	004	A	290	..	2.5TAR	6	...	..
1978	JUL	09	00	26	03.6	34.33	82.82	001	A	322	..	2.5GS	6	...	..
1978	AUG	24	10	23	07.6	34.31	81.34	002	B	322	..	2.6GS	6	...	..
1978	AUG	27	10	23	08.0	34.31	81.33	002	A	322	..	2.7CSC	6	...	..
1978	AUG	27	10	58	16.8	34.33	81.31	007	A	322	..	2.5CSC	6	...	..
1978	SEP	07	22	53	23.0	33.06	80.21	010	A	322	..	2.7GS	2	IV	240
1978	OCT	27	16	27	18.1	34.30	81.32	002	A	322	..	2.9CSC	6	...	..
1978	NOV	24	11	54	40.1	34.32	81.35	000	A	322	..	2.6GS	6	...	..
1979	JAN	19	08	55	34.3	34.75	82.91	000	B	322	..	2.9BLA	2	IV	262
1979	JAN	27	23	55	15.7	33.05	80.18	006	A	322	..	2.8GS	6	...	..
1979	FEB	01	01	25	48.4	34.33	81.37	001	A	322	..	2.6CSC	6	...	..
1979	FEB	16	14	37	09.1	34.34	81.33	000	A	322	..	2.7CSC	6	...	..
1979	MAY	04	12	13	09.1	34.38	81.95	005	A	290	..	2.7TAR	6	...	..
1979	MAY	28	11	45	37.8	34.97	82.94	001	A	322	..	2.5CSC	6	...	..
1979	JUL	17	20	13	08.2	34.74	82.55	000	B	322	..	2.5GS	6	...	..
1979	AUG	07	19	32	17.2	34.33	81.35	003	A	322	..	3.0BLA	2	...	..
1979	AUG	11	02	11	56.6	32.99	80.23	010	A	290	..	2.5GS	2	III	262
1979	AUG	13	05	19	25.2	33.90	82.54	023	A	290	..	4.1TAR	6	...	..
1979	AUG	26	01	31	46.7	34.85	82.93	000	A	290	..	3.7GS	2	VI	262
1979	SEP	14	00	45	31.4	34.33	81.32	002	A	322	..	2.7CSC	6	...	..
1979	OCT	07	08	54	36.6	34.30	81.34	001	A	322	..	2.8CSC	6	...	..
1979	OCT	08	07	54	09.0	34.30	81.33	002	A	322	..	2.5CSC	6	...	..
1979	OCT	08	08	53	52.8	36.44	82.08	005	B	322	..	3.6GS	6	...	..
1979	OCT	08	08	54	19.4	34.31	81.33	002	A	322	..	2.6CSC	6	...	..
1979	OCT	08	23	20	11.0	34.30	81.34	001	A	322	..	2.9CSC	6	III*	262
1979	OCT	14	08	23	57.3	34.31	81.35	003	B	322	..	2.9GS	6	...	..
1979	OCT	16	07	06	26.9	34.27	81.32	001	A	322	..	2.8CSC	6	...	..
1979	OCT	21	15	56	10.5	34.33	81.34	002	A	322	..	2.6CSC	6	...	..
1979	NOV	20	15	49	02.8	34.24	80.69	000	B	322	..	2.5GS	6	...	..
1979	DEC	07	05	43	34.9	33.00	80.16	005	A	322	..	2.8GS	2	IV	262
1980	APR	09	20	47	24.0	34.84	79.74	..	B	322	..	2.8GS	6	...	..
1980	APR	24	06	16	56.6	34.34	81.34	004	B	322	..	3.0GS	6	...	..
1980	JUN	22	20	33	06.2	33.01	80.16	001	B	300	..	2.1GS	2	II	300
1980	JUN	22	23	35	26.5	33.01	80.16	001	B	300	..	1.6GS	2	II	300
1980	JUL	29	01	10	22.7	34.35	81.36	001	B	322	..	3.2GS	6	...	..
1980	SEP	01	05	44	42.3	32.97	80.20	006	B	300	..	2.7GS	2	IV	300
1980	DEC	16	17	40	07.8	34.78	82.62	004	B	322	..	2.5GS	6	...	..
1980	DEC	27	08	40	26.7	34.34	81.33	007	B	322	..	2.5GS	6	...	..

SOUTH DAKOTA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1872	FEB	09	..	..	..	44.7	100.7	..	G	105	..	.. ..	III	105
1876	AUG	17	05	25	..	44.1	99.6	..	H	105	..	.. ..	IV	105
1879	DEC	29	06	30	..	42.9	97.3	..	G	105	..	.. ..	V	105
1895	OCT	11	23	55	..	43.9	103.3	..	G	105	..	3.8BAR 8	IV*	105
1895	OCT	12	01	25	..	43.9	103.3	..	G	105	..	3.8BAR 8	V	105
1899	DEC	06	12	00	..	44.5	99.0	..	G	105	..	4.0BAR 8	IV	105
1900	MAR	14	03	00	..	45.6	98.5	..	G	105	..	.. ..	III*	105
1900	MAR	14	05	00	..	45.6	98.5	..	G	105	..	.. ..	III*	105
1906	MAY	10	00	27	..	43.0	101.3	..	G	105	..	.. ..	VI	105
1911	JUN	02	22	34	..	44.2	98.2	..	G	38	..	4.5BAR 8	V	105
1915	OCT	23	06	05	..	43.8	101.5	..	G	38	..	.. ..	V	105
1916	FEB	24	04	30	..	43.0	102.5	..	G	105	..	.. ..	III	105
1916	JUN	29	07	45	..	43.4	99.9	..	G	105	..	.. ..	III	105
1920	JUL	14	23	00	..	43.2	103.2	..	G	105	..	3.7BAR 8	III	105
1921	MAR	16	23	45	..	43.5	96.7	..	G	105	..	.. ..	III	84
1921	SEP	24	00	30	..	43.7	98.7	..	G	105	..	.. ..	IV	105
1922	JAN	02	14	50	..	43.8	99.3	..	G	105	..	.. ..	VI	105
1924	DEC	30	22	10	..	43.5	103.5	..	G	105	..	4.0BAR 8	IV	105
1924	DEC	30	22	15	..	43.5	103.5	..	G	105	..	.. ..	IV	105
1924	DEC	30	22	20	..	43.5	103.5	..	G	105	..	.. ..	IV	105
1924	DEC	30	22	30	..	43.5	103.5	..	G	105	..	.. ..	IV	105
1928	NOV	16	13	45	..	44.1	103.7	..	G	105	..	3.7BAR 8	V	105
1931	JAN	17	18	45	..	43.7	98.7	..	G	105	..	.. ..	IV	105
1934	JAN	29	12	30	..	45.9	97.7	..	G	105	..	.. ..	IV	105
1934	AUG	30	03	50	..	43.5	99.1	..	G	105	..	.. ..	IV	105
1935	NOV	01	10	00	..	44.0	96.6	..	G	105	..	.. ..	III	105
1936	OCT	30	10	30	..	43.5	103.5	..	G	105	..	.. ..	IV	105
1938	JAN	02	17	05	..	44.5	98.3	..	H	105	..	3.9BAR 8	IV	11
1938	OCT	01	22	15	..	43.8	99.3	..	G	105	..	4.2BAR 8	V	105
1938	OCT	11	09	37	..	43.6	96.7	..	G	105	..	4.1BAR 8	V	105
1938	NOV	04	22	10	..	43.2	98.9	..	H	105	..	3.8BAR 8	IV	105
1938	NOV	04	22	15	..	43.2	98.9	..	H	105	..	.. ..	IV	105
1939	JUN	10	18	30	..	43.0	98.9	..	G	105	..	.. ..	IV	105
1941	MAY	25	06	25	..	43.5	103.5	..	G	105	..	4.1BAR 8	V*	105
1942	MAR	11	17	55	..	44.4	103.5	..	G	105	..	.. ..	III*	105
1943	MAY	16	20	40	..	43.5	103.5	..	G	105	..	.. ..	IV	105
1945	NOV	10	09	00	..	42.9	97.8	..	G	105	..	.. ..	IV	105
1946	JUL	23	06	45	..	44.1	98.6	..	G	105	..	4.2BAR 8	VI	38
1947	AUG	25	14	00	..	43.1	98.9	..	G	105	..	.. ..	IV	105
1949	MAY	07	14	54	10	44.5	99.0	..	G	301	..	.. ..	III	105
1949	JUN	03	02	06	45	45.0	100.0	..	I	105	..	.. ..	IV	301
1949	DEC	14	03	15	..	43.2	99.5	..	G	105	..	.. ..	III	105
1952	NOV	14	..	..	..	44.1	103.5	..	G	105	..	.. ..	IV	105
1953	DEC	21	22	43	..	45.2	102.8	..	G	105	..	.. ..	IV*	105
1953	DEC	31	20	30	..	43.1	99.3	..	G	105	..	.. ..	IV	105
1957	DEC	03	07	30	..	43.8	98.2	..	G	105	..	3.2BAR 8	IV	105
1959	JAN	12	13	..	..	44.9	98.1	..	G	105	..	.. ..	IV	105
1961	DEC	31	16	36	05.8	44.25	100.72	023	B	214	..	4.2GOR 8	VI	34
1964	MAR	24	06	12	..	43.5	103.5	..	G	105	..	3.7BAR 8	V	105
1964	AUG	26	16	58	55.1	43.77	102.25	020	B	214	4.4	3.0GOR 2	IV	105

SOUTH DAKOTA

DATE			ORIGIN TIME(UTC)			LAT.	LONG.	DEPTH	HYPOCENTER		MAGNITUDE			INTENSITY	
YEAR	MONTH	DAY	H	M	S	(N.)	(W.)	(KM)	QUAL	REF	USGS	OTHER		MM	REF
1966	JUN	26	11	59	43.1	44.30	103.43	002	B	214	4.1	3.1BAR	2	VI	38
1967	NOV	23	06	23	42.1	43.56	99.60	001	B	214	4.4	3.5GOR	2	V	105
1971	OCT	19	21	07	37.4	43.69	101.26	017	B	214	..	3.7GOR	2	IV	44
1975	MAY	16	05	57	06.0	43.28	103.89	018	B	214	..	2.8GOR	2	IV	48

TENNESSEE

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1777	NOV	16	07	..	..	36.0	84.0	*	..	G	50	..	.. ..	IV	50
1829	MAY	..	..	..	..	35.6	88.8		..	G	105	..	.. ..	III*	105
1843	AUG	09	..	..	..	35.8	88.2		..	H	105	..	4.2BAR 8	III*	65
1844	NOV	28	13	00	..	36.0	84.0		..	G	38	..	.. ..	VI	38
1861	...	..	..	..	..	36.3	83.5	*	..	H	66	..	.. ..	III*	66
1865	AUG	17	15	00	..	36.0	89.5		..	F	113	..	5.3BAR 8	VII	38
1872	APR	20	07	00	..	35.1	90.0		..	G	105	..	.. ..	III	105
1872	AUG	20	..	..	..	35.1	90.0		..	G	105	..	.. ..	III*	66
1873	MAY	03	21	00	..	36.0	89.6		..	G	105	..	4.2BAR 8	IV	105
1873	AUG	22	19	00	..	35.1	90.0		..	G	105	..	.. ..	III	66
1875	OCT	07	..	..	..	36.0	89.6		..	H	105	..	4.3BAR 8	III	109
1875	OCT	28	03	00	..	35.1	90.0		..	G	105	..	.. ..	IV	105
1875	NOV	12	07	00	..	36.0	84.0	*	..	G	66	..	.. ..	III*	66
1877	MAY	25	..	..	..	36.0	84.0	*	..	G	66	..	.. ..	III*	66
1877	NOV	16	07	20	..	36.0	84.0	*	..	G	66	..	4.0BAR 8	IV	66
1879	SEP	26	03	10	..	35.1	90.0		..	H	105	..	3.9BAR 8	III	109
1880	JUL	14	02	30	..	35.1	90.0		..	G	105	..	4.1BAR 8	IV	105
1880	JUL	14	02	31	..	35.1	90.0	*	..	G	66	..	.. ..	II*	66
1880	NOV	30	20	00	..	35.6	87.3		..	G	105	..	.. ..	III	105
1881	OCT	07	16	52	..	35.1	90.0		..	G	105	..	.. ..	IV	105
1884	AUG	25	00	45	..	36.0	84.0	*	..	G	66	..	.. ..	IV	66
1884	NOV	30	05	00	..	35.5	89.7		..	G	105	..	4.0BAR 8	IV	105
1888	MAR	17	..	..	..	36.4	82.5		..	G	103	..	.. ..	II*	66
1888	NOV	03	..	..	..	35.1	90.0		..	G	105	..	.. ..	IV	105
1889	JAN	05	..	..	..	35.1	90.0	*	..	G	66	..	.. ..	III	66
1889	JUN	06	04	28	..	35.1	90.0		..	G	105	..	.. ..	III	105
1889	JUN	06	16	25	..	35.9	88.1		..	G	105	..	3.9BAR 8	III*	105
1889	JUL	20	01	32	..	35.1	90.0		..	F	105	..	.. ..	VI	105
1889	SEP	28	..	..	..	35.1	84.7	*	..	I	66	..	.. ..	II*	66
1891	JAN	14	..	..	..	35.1	90.0		..	G	105	..	.. ..	III*	66
1892	JAN	14	09	05	..	35.1	90.0		..	G	105	..	.. ..	III	105
1894	JUL	18	..	..	..	35.1	90.0		..	G	105	..	.. ..	III	105
1895	JUL	27	..	..	..	35.2	88.2		..	G	105	..	.. ..	III*	66
1895	OCT	03	..	..	..	35.1	90.0		..	G	105	..	.. ..	III	105
1897	APR	26	04	..	..	35.8	89.6		..	H	105	..	4.1BAR 8	V*	66
1898	JUN	14	15	20	..	36.0	89.4		..	G	105	..	4.5BAR 8	IV	105
1901	SEP	14	..	..	..	35.1	90.0		..	G	105	..	.. ..	III	105
1902	MAY	29	07	30	..	35.1	85.3		..	G	105	..	.. ..	V	67
1902	OCT	18	19	00	..	35.2	85.9	*	..	H	67	..	.. ..	III	67
1902	OCT	18	22	00	..	35.0	85.3		..	G	38	..	.. ..	V	38
1903	NOV	27	07	00	..	36.5	89.5		..	G	113	..	4.2BAR 8	V	105
1903	NOV	27	09	20	..	36.5	89.5		..	G	113	..	4.2BAR 8	V	105
1904	MAR	05	00	30	..	35.7	83.5		..	G	38	..	4.0BAR 8	V	38
1908	DEC	28	..	..	..	35.1	90.0	*	..	G	67	..	.. ..	III	67
1913	MAR	28	21	50	..	36.2	83.7		..	G	38	..	.. ..	VII	38
1913	APR	17	16	30	..	35.3	84.2		..	G	38	..	3.9BAR 8	V	38
1913	MAY	02	06	00	..	35.5	84.4		..	G	103	..	.. ..	III	67
1913	JUN	09	15	30	..	35.8	88.9		..	G	105	..	3.9BAR 8	III	105
1913	AUG	03	16	45	..	36.0	84.0	*	..	G	67	..	.. ..	IV	67
1914	JAN	24	03	24	..	35.6	84.5		..	G	103	..	.. ..	IV*	67

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	MAGNITUDE OTHER	INTENSITY MM	INTENSITY REF
1914	JAN	24	03	41	..	35.6	84.5		..	G	103	..	.. ..	III*	67
1915	JAN	14	09	20	..	36.6	82.1		..	G	103	..	.. ..	III*	67
1915	APR	28	23	40	..	36.5	89.5		..	H	105	..	3.2BAR 8	IV	109
1917	JAN	02	09	30	..	36.1	83.9	x	..	H	67	..	.. ..	...	..
1917	JAN	25	21	15	..	36.0	86.4		..	G	67	..	.. ..	III	67
1917	JAN	26	12	15	..	36.1	83.5		..	G	67	..	.. ..	III	67
1917	JAN	27	20	00	..	36.0	86.4		..	G	67	..	.. ..	III	67
1917	MAR	05	02	07	..	36.0	84.0	*	..	G	67	..	.. ..	III	67
1917	MAR	25	21	15	..	36.1	83.5		..	G	103	..	.. ..	III*	67
1917	MAR	26	12	50	..	36.1	83.5		..	G	103	..	.. ..	III	67
1917	MAR	27	20	00	..	36.1	83.5		..	G	103	..	.. ..	IV*	67
1918	JAN	16	15	45	..	36.0	84.0	*	..	G	67	..	.. ..	V	67
1918	JUN	22	01	..	..	36.1	84.1		..	G	103	..	3.8BAR 8	IV*	67
1918	OCT	16	02	15	..	36.0	89.2		..	H	105	..	4.5BAR 8	V	105
1919	MAY	28	13	45	..	36.4	89.5		..	G	105	..	3.8BAR 8	III	105
1920	APR	07	20	45	..	36.3	88.2	x	..	G	105	..	3.8BAR 8	II	105
1920	DEC	24	07	30	..	36.0	85.0		..	G	103	..	.. ..	V	103
1921	JAN	09	21	54	..	36.4	89.5		..	G	105	..	3.8BAR 8	IV	105
1921	SEP	02	14	..	..	36.0	86.1		..	G	105	..	.. ..	III	105
1921	DEC	15	13	20	..	35.8	84.6		..	H	103	..	.. ..	V	67
1922	MAR	30	02	20	..	35.5	86.7		..	G	105	..	.. ..	IV	105
1922	MAR	30	16	53	..	36.1	89.6		..	H	105	..	4.2BAR 8	V	103
1922	MAR	30	22	20	..	36.5	82.2		..	G	103	..	.. ..	IV	103
1924	JUN	07	05	42	..	36.4	89.5		..	G	105	..	4.2BAR 8	IV	103
1924	NOV	13	17	30	..	36.6	82.1		..	G	103	..	.. ..	IV	67
1926	APR	28	02	16	..	36.2	89.0		..	G	105	..	3.9BAR 8	IV	105
1926	DEC	17	..	..	..	36.4	89.5		..	G	105	..	3.9BAR 8	IV	105
1927	APR	18	10	30	..	36.3	89.5		..	G	105	..	3.9BAR 8	IV	105
1927	APR	18	12	30	..	36.3	89.5		..	G	105	..	3.9BAR 8	III*	68
1927	JUL	20	08	58	..	36.0	84.0	x	..	G	68	..	.. ..	...	..
1927	AUG	13	16	10	..	36.4	89.5		..	G	105	..	4.4BAR 8	V	105
1927	OCT	08	04	30	..	35.1	85.3	*	..	G	68	..	.. ..	III*	68
1927	OCT	08	07	00	..	35.1	85.3	*	..	G	68	..	.. ..	III*	68
1927	OCT	08	12	56	..	35.1	85.3		..	G	103	..	.. ..	V	103
1928	MAR	07	02	45	..	35.6	86.9		..	G	103	..	3.7BAR 8	II*	68
1928	NOV	03	04	02	49.8	36.11	82.83		005	B	201	..	4.5DEW 2	VI	1
1929	MAY	13	03	50	..	36.4	89.5		..	G	105	..	3.7BAR 8	III	105
1929	NOV	20	..	..	..	36.2	86.8	x	..	G	2	..	.. ..	...	..
1930	JAN	02	16	30	..	35.7	89.5		..	G	113	..	.. ..	II	105
1930	MAR	26	08	56	..	35.1	90.0		..	G	105	..	3.5BAR 8	IV	105
1930	AUG	30	09	28	..	35.9	84.4		..	G	3	..	.. ..	V	103
1930	OCT	16	21	50	..	36.0	84.0		..	G	3	..	.. ..	V*	68
1930	OCT	17	02	15	..	36.0	84.0		..	G	103	..	.. ..	III*	68
1931	NOV	27	09	23	..	36.2	86.8		..	G	105	..	.. ..	III	105
1934	JUL	02	15	10	41	35.2	90.0		..	G	113	..	.. ..	IV	7
1935	JUL	24	01	38	..	36.4	89.5		..	G	105	..	.. ..	IV	105
1937	JUN	23	15	28	..	36.4	89.5		..	G	105	..	.. ..	III	105
1938	MAR	31	10	10	..	35.6	83.6		..	H	103	..	.. ..	IV	68
1938	SEP	19	..	..	..	36.4	89.5		..	G	105	..	.. ..	III	68
1940	OCT	19	05	55	..	35.0	85.0		..	G	103	..	3.5BAR 8	IV	103
1941	MAR	04	06	15	..	36.0	83.9		..	H	173	..	.. ..	III	103
1941	SEP	08	09	45	..	35.0	85.3		..	G	173	..	3.2BAR 8	IV	68
1941	NOV	15	03	07	..	35.1	90.0		..	G	105	..	.. ..	IV	105
1941	NOV	17	03	08	..	35.5	89.7		..	G	105	..	4.7BAR 8	V	14
1945	JUN	14	03	25	..	35.2	84.9	*	..	H	103	..	4.0BAR 8	V	18
1945	AUG	06	23	52	13.1	36.4	89.1		..	D	153	..	.. ..	III	105

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1946	APR	07	05	..	..	35.2	84.9	*	..	G	103	..	..	..	III*	68
1947	JUN	06	12	55	..	36.0	84.0	*	..	G	68	..	..	..	III	68
1947	DEC	28	00	05	..	35.0	85.3		..	G	103	..	..	..	IV	68
1948	FEB	10	00	04	..	36.4	84.1		..	G	103	..	..	..	V*	68
1950	JUN	19	04	19	..	35.8	84.0		..	H	173	..	4.2	BAR 8	IV	103
1951	JUN	04	..	..	..	36.0	84.0	x	..	F	132	..	..	..	III	132
1952	FEB	20	22	34	39	36.4	89.5		..	C	25	..	4.2	BAR 8	V	25
1952	MAR	17	01	30	..	36.2	89.6		..	G	113	..	..	..	IV	132
1952	JUN	11	20	20	..	36.3	82.3	*	..	G	25	..	..	..	IV	132
1952	JUL	16	23	48	10	36.2	89.6		..	C	25	..	..	..	VI	25
1952	JUL	17	00	09	..	36.2	89.6		..	F	25	..	..	..	III*	132
1952	OCT	17	04	16	18	36.0	89.4	*	..	G	132	..	3.4	BAR 8	IV	132
1952	OCT	17	04	30	..	36.0	89.4	*	..	G	132	..	..	..	III*	132
1952	OCT	17	04	35	..	36.0	89.4	*	..	G	132	..	..	..	III*	132
1952	OCT	17	04	46	03	36.0	89.4	*	..	F	132	..	..	..	III*	132
1953	JAN	26	06	48	..	36.0	89.5	*	..	G	132	..	..	..	IV	132
1953	JAN	26	07	48	..	36.0	89.5	*	..	G	132	..	..	..	III*	132
1953	JAN	26	23	18	..	36.0	89.5		..	G	105	..	..	..	III	132
1953	FEB	11	10	50	54	36.5	89.5		..	D	26	..	3.6	BAR 8	IV	26
1953	FEB	17	11	45	..	36.0	89.5		..	G	105	..	..	..	IV	105
1953	FEB	18	00	17	..	36.0	89.5	*	..	G	132	..	..	..	IV	132
1953	FEB	19	05	05	..	36.0	89.5		..	G	105	..	..	..	IV	105
1953	NOV	10	14	45	..	36.0	84.0	*	..	G	132	..	..	..	IV	132
1953	DEC	05	13	45	..	36.0	84.0		..	G	103	..	..	..	IV*	132
1954	JAN	14	..	..	..	36.0	84.0	*	..	F	132	..	..	..	IV*	132
1954	JAN	17	07	15	..	36.0	89.4		..	G	105	..	3.5	BAR 8	IV	27
1954	JAN	23	01	..	..	35.3	84.4		..	G	103	..	..	..	V	27
1954	APR	27	02	09	27	35.1	90.0		..	F	27	..	4.4	BAR 8	V	27
1955	JAN	06	20	30	..	36.6	82.2		..	G	103	..	..	..	IV	28
1955	JAN	12	06	25	..	35.8	84.0		..	G	132	..	..	..	IV	28
1955	JAN	25	19	34	..	36.0	84.0	*	..	G	28	..	..	..	IV	28
1955	MAR	29	09	02	40	36.0	89.5		..	F	105	..	4.0	BAR 8	VI	28
1955	SEP	06	01	45	..	36.0	89.5		..	G	105	..	..	..	V	28
1955	SEP	06	02	00	..	36.0	89.5	*	..	G	132	..	..	..	IV*	132
1955	SEP	24	18	45	..	36.4	89.5		..	G	105	..	..	..	IV	28
1955	DEC	13	07	43	..	36.0	89.5		..	G	105	..	..	..	V	28
1955	DEC	13	07	56	..	36.0	89.5		..	G	105	..	..	..	IV*	132
1956	SEP	07	13	35	50.8	36.45	83.79		005	C	214	..	4.1	GOR 8	VI	29
1956	SEP	07	13	49	29	35.5	84.0		..	B	29	..	4.1	BAR 8	V*	29
1956	SEP	09	22	45	..	35.8	86.7		..	G	105	..	3.2	BAR 8	IV	29
1957	JUN	23	06	34	16.0	35.95	84.10		005	C	214	..	..	..	V	30
1957	AUG	17	23	..	..	36.2	89.4		..	G	132	..	..	..	IV	30
1957	NOV	07	17	15	..	36.0	84.0		..	G	132	..	..	..	IV*	132
1958	APR	08	22	25	33	36.3	89.2		..	G	105	..	3.6	BAR 8	V	31
1958	APR	26	07	30	..	36.4	89.5		..	G	105	..	3.6	BAR 8	V	31
1959	JAN	21	15	35	..	36.3	89.5		..	G	103	..	..	..	IV	32
1959	FEB	13	08	37	..	36.2	89.5		..	G	105	..	3.3	BAR 8	V	32
1959	FEB	13	08	39	..	36.2	89.5		..	G	105	..	..	..	III*	105
1959	JUN	13	01	..	..	35.4	84.3		..	C	132	..	3.6	BAR 8	IV	32
1959	DEC	21	16	23	39.6	36.03	89.34		005	C	214	..	3.4	GOR 8	V	32
1960	JAN	28	21	38	..	36.0	89.5		..	G	105	..	..	..	V	33
1960	FEB	22	13	45	..	36.0	84.0	x	..	G	132	..	..	..	IV*	132
1960	FEB	22	20	30	..	36.0	84.0	x	..	G	132	..	..	..	IV*	132
1960	APR	15	10	10	10	35.8	83.9		..	F	103	..	3.8	BAR 8	V	33
1960	APR	21	10	45	..	36.3	89.5		..	G	105	..	..	..	V	33
1962	MAR	25	..	..	..	36.5	89.5		..	D	113	..	3.2	SLM 2	...	..
1962	MAY	24	..	..	..	36.5	89.5		..	D	113	..	3.0	SLM 2	...	..

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1962	JUN	01	11	23	40.5	34.98	90.18	..	D	132	..	3.2SLM 2	...	..
1962	JUL	23	06	05	15.7	36.04	89.40	008	A	214	..	3.6BAR 2	VI	35
1963	NOV	14	..	..	..	36.2	86.8 x	..	G	128	..	.. ..	III	132
1964	JAN	25	19	54	10.0	36.5	89.5	..	C	178	..	3.0SLM 2	...	..
1964	MAR	17	02	16	06.0	36.2	89.6	..	B	177	..	3.5SLM 2	IV	37
1964	JUL	28	..	..	..	36.0	84.0 *	..	G	37	..	.. ..	III*	132
1964	OCT	13	16	30	..	36.0	84.0 *	..	G	37	..	.. ..	III	132
1965	MAR	25	12	59	27.7	36.46	89.52	003	A	214	..	3.9GOR 2	III*	75
1965	MAR	26	..	..	..	36.5	89.5	..	D	113	..	3.1SLM 2	...	..
1965	MAY	25	07	15	43	36.5	89.5	..	D	113	..	3.3SLM 2	...	..
1965	JUN	01	07	24	57	36.5	89.5	..	D	113	..	3.3SLM 2	...	..
1965	JUL	08	07	03	50	36.5	89.5	..	D	113	..	3.3SLM 2	...	..
1966	MAR	13	14	24	42	36.5	89.5	..	D	113	..	3.1SLM 2	...	..
1966	AUG	24	06	00	..	35.8	84.0	..	F	173	..	.. ..	IV	81
1967	FEB	13	04	13	40.0	36.4	89.2	..	C	178	..	2.6SLM 2	...	..
1967	MAR	21	20	36	17.0	36.1	89.6	..	C	178	..	2.8SLM 2	...	..
1967	OCT	18	05	08	36	36.5	89.5	..	D	113	..	3.1SLM 2	...	..
1967	OCT	25	18	39	36.0	36.4	89.0	..	C	178	..	2.7SLM 2	...	..
1968	JAN	23	16	16	..	36.5	89.5	..	D	113	..	3.3SLM 2	...	..
1968	MAY	29	01	59	33	36.5	89.5	..	D	113	..	3.2SLM 2	...	..
1968	JUL	14	04	21	25	36.5	89.5	..	D	113	..	3.1SLM 2	...	..
1969	JUL	13	21	51	09.8	36.12	83.69	001	A	201	3.5	4.2GB 2	V	42
1969	JUL	14	09	13	14.5	36.1	83.7	..	C	103	..	.. ..	II*	103
1969	JUL	14	11	15	..	36.0	84.0 *	..	F	42	..	.. ..	III	132
1969	JUL	24	18	10	..	36.0	84.0 *	..	F	42	..	.. ..	III	42
1969	JUL	27	..	..	..	36.5	89.5	..	D	113	..	3.1SLM 2	...	..
1970	JAN	07	17	45	..	35.2	89.9 *	..	G	43	..	.. ..	IV	43
1971	JAN	01	14	36	23	36.3	89.5	..	B	177	..	.. ..	...	..
1971	APR	17	05	01	05	36.2	89.6	..	B	177	..	.. ..	...	..
1971	JUL	13	02	03	..	36.0	84.0 *	..	G	44	..	3.4JLM 5	V	44
1971	OCT	09	16	43	32.7	35.80	83.37	008	A	201	3.4	3.7GB 2	V	44
1971	OCT	22	21	55	..	36.0	83.0	..	D	203	..	3.3JLM 5	...	..
1973	OCT	30	22	58	39.0	35.76	84.12	001	B	214	..	3.5DEW 2	V	46
1973	OCT	30	23	09	..	35.76	84.12*	..	F	46	..	.. ..	...	..
1973	NOV	30	07	48	40.5	35.89	83.99	012	A	201	..	4.6BLA 2	VI	46
1973	NOV	30	08	51	..	35.80	83.96*	..	F	46	..	.. ..	II*	46
1973	NOV	30	09	27	..	35.80	83.96*	..	F	46	..	.. ..	...	..
1973	DEC	13	15	..	..	35.80	83.96*	..	F	46	..	.. ..	III*	46
1973	DEC	14	20	58	..	35.80	83.96*	..	F	46	..	3.1JLM 5	III*	46
1973	DEC	21	08	..	..	35.80	83.96*	..	F	46	..	.. ..	III*	46
1973	DEC	21	18	30	..	35.80	83.96*	..	F	46	..	.. ..	III*	46
1974	JAN	08	01	12	38.1	36.18	89.47	007	A	214	4.1	3.9GOR 2	V	47
1974	JAN	11	17	42	11.5	35.7	85.8 *	..	F	47	..	.. ..	II	47
1974	MAR	10	04	34	19.8	36.20	89.55	001	B	214	..	2.5SLM 2	...	..
1974	MAR	12	12	30	29.2	35.64	89.80	005	B	214	..	3.2BAR 2	...	..
1975	JAN	04	..	..	..	35.2	89.8 *	..	G	48	..	.. ..	III*	48
1975	MAY	02	16	22	58.5	35.96	84.47	012	A	214	..	2.6SLM 2	III	48
1975	MAY	14	23	03	05.2	35.98	85.30	001	B	214	..	2.7SLM 2	II	48
1975	JUL	06	08	48	14.0	36.17	89.47	002	A	214	..	2.9SLM 2	II	48
1977	MAR	28	11	17	14.6	36.49	89.55	009	A	214	..	2.9SLM 2	II	39
1977	JUL	27	22	03	20.8	35.42	84.41	005	A	214	..	3.5BLA 2	V	39
1978	JAN	18	23	46	26.4	36.25	89.41	001	A	214	..	2.6SLM 2	III	240
1978	AUG	31	00	31	00.6	36.09	89.44	001	A	214	..	3.5SLM 2	V	240
1979	FEB	02	11	17	04.9	36.27	89.47	002	B	262	..	2.0SLM 2	III	262
1979	FEB	02	18	49	33.0	36.26	89.45	003	B	262	..	1.9SLM 2	II	262
1979	FEB	02	18	50	18.9	36.27	89.46	004	B	262	..	2.0SLM 2	III	262
1979	FEB	03	06	56	42.3	36.26	89.47	004	B	262	..	2.0SLM 2	III*	262

TENNESSEE

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1979	AUG	13	05	18	56.8	35.21	84.36	010	A	214	..	3.7BLA	2	V	262
1979	SEP	12	06	24	04.1	35.57	83.94	027	A	322	..	3.2BLA	2	V	262
1980	APR	21	20	44	05.7	35.76	84.13	005	B	300	..	2.6GS	2	III	300
1980	JUN	25	18	02	01.6	35.73	84.03	001	A	214	..	3.3BLA	2	IV	300
1980	DEC	02	08	59	29.7	36.18	89.43	005	A	214	..	3.8SLM	2	VI	300

TEXAS

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1873	MAY	01	04	30	..	30.2	97.7	..	G	105	..	.. ..	III*	105
1873	MAY	01	..	..	..	30.2	97.7	..	G	105	..	.. ..	III*	105
1873	MAY	01	..	..	..	30.2	97.7	..	G	105	..	.. ..	III*	105
1882	OCT	22	22	15	..	33.6	95.6	..	H	105	..	.. ..	VII*	105
1891	JAN	08	06	00	..	31.7	95.2	..	G	171	..	.. ..	VII	38
1891	JAN	08	..	..	..	31.7	95.2	..	G	38	..	.. ..	III*	38
1907	APR	..	..	..	..	35.3	101.2 *	..	F	123	..	.. ..	V*	123
1910	MAY	08	17	30	..	30.1	96.0	..	G	105	..	.. ..	IV	105
1910	MAY	11	..	..	..	30.1	96.0	..	H	105	..	3.6BAR 8	IV	105
1914	DEC	30	01	..	..	30.5	95.9 x	..	G	105	..	.. ..	V*	105
1917	JAN	28	19	56	..	35.4	101.3	..	H	84	..	.. ..	II*	84
1917	MAR	24	19	30	..	35.3	101.2 *	..	F	123	..	.. ..	VI*	123
1917	MAR	28	19	56	..	35.3	101.3	..	G	105	..	.. ..	VI	105
1917	MAR	28	23	38	..	35.3	101.3	..	G	105	..	.. ..	...	..
1923	MAR	07	05	03	..	31.8	106.5	..	G	105	..	4.3BAR 8	IV*	105
1923	MAR	07	..	..	..	31.8	106.5	..	G	105	..	.. ..	IV*	105
1925	JUL	29	11	30	..	34.5	101.2	..	G	105	..	.. ..	IV	105
1925	JUL	30	08	..	..	34.5	100.3	..	G	173	..	.. ..	V	173
1925	JUL	30	12	17	..	35.4	101.3	..	G	38	..	4.9BAR 8	V	38
1925	JUL	30	12	22	..	35.4	101.3	..	G	38	..	.. ..	IV*	38
1925	JUL	30	12	27	..	35.4	101.3	..	G	38	..	.. ..	IV*	38
1931	AUG	16	11	16	55	30.7	104.6 *	..	F	124	..	.. ..	...	..
1931	AUG	16	11	40	22.3	30.50	104.58	001	C	214	..	.. ..	VIII	4
1931	AUG	16	19	33	..	30.7	104.6 *	..	F	4	..	.. ..	...	..
1931	AUG	18	09	42	..	30.7	104.6 *	..	F	4	..	.. ..	...	..
1931	AUG	18	20	36	..	30.7	104.6 *	..	F	4	..	.. ..	V	4
1931	AUG	19	01	36	..	30.7	104.6 *	..	F	4	..	.. ..	III*	4
1931	AUG	26	..	..	..	30.7	104.6 *	..	F	124	..	.. ..	III*	124
1931	OCT	02	..	..	..	31.8	106.5 *	..	G	4	..	.. ..	II*	4
1931	NOV	03	15	50	..	30.7	104.6 *	..	F	4	..	.. ..	III*	4
1932	APR	09	10	15	..	31.7	96.4	..	G	38	..	.. ..	VI*	38
1934	APR	11	17	40	..	33.8	95.5 *	..	G	105	..	3.9BAR 8	V	105
1934	APR	11	..	..	..	33.8	95.5 *	..	G	7	..	.. ..	III*	7
1936	JUN	20	03	14	..	35.8	101.3	..	C	9	..	.. ..	II*	9
1936	JUN	20	03	18	..	35.8	101.3	..	C	9	..	.. ..	III*	9
1936	JUN	20	03	24	03.5	35.31	100.77	005	D	214	..	4.5GOR 8	V	38
1936	AUG	08	01	40	..	31.8	106.5 *	..	G	9	..	.. ..	II*	9
1936	OCT	15	17	..	..	31.8	106.5 *	..	G	9	..	.. ..	II*	9
1937	MAR	31	23	45	..	31.8	106.5 *	..	G	10	..	.. ..	III*	10
1948	MAR	12	04	29	06.3	36.22	102.48	005	C	214	..	4.8GOR 8	VI	21
1950	MAR	20	13	23	..	33.3	97.1 *	..	G	23	..	.. ..	IV*	23
1951	JUN	20	18	37	11.1	35.22	103.04	001	C	214	..	4.4GOR 8	VI	24
1952	OCT	17	15	48	..	30.1	93.8 *	..	G	25	..	.. ..	IV	25
1955	JAN	27	00	37	..	30.6	104.5 *	..	G	28	..	.. ..	IV	28
1956	JAN	07	..	..	..	29.3	94.8 *	..	G	29	..	.. ..	IV	29
1957	MAR	19	16	37	38	32.0	95.0 *	..	G	30	..	4.3BAR 8	V	30
1957	MAR	19	17	41	17	32.0	95.0 *	..	G	30	..	.. ..	III*	30
1957	MAR	19	22	36	..	32.0	95.0 *	..	G	30	..	.. ..	III*	30
1957	MAR	19	22	45	..	32.0	95.0 *	..	G	30	..	.. ..	III*	30
1959	FEB	10	20	05	..	35.5	100.9	..	G	105	..	4.5BAR 8	V	105

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DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1961	DEC	10	19	00	00.6	32.24	103.86x	000	B	214	..	.. ..	...	..
1964	APR	24	01	20	54.2	31.38	93.81	001	A	214	3.7	3.3GOR 2	V	37
1964	APR	24	03	36	18.0	31.3	93.8	..	C	178	..	2.6SLM 2	...	..
1964	APR	24	07	33	51.9	31.42	93.81	005	A	214	3.7	3.6GOR 2	V	37
1964	APR	24	07	47	17.1	31.38	93.80	005	B	214	..	3.2SLM 2	...	..
1964	APR	24	07	50	56.0	31.3	93.8	..	C	178	..	2.6SLM 2	...	..
1964	APR	24	12	07	08.2	31.48	93.79	009	C	214	..	3.2SLM 2	...	..
1964	APR	24	12	54	17.0	31.3	93.8	..	C	178	..	2.9SLM 2	...	..
1964	APR	24	17	22	13.0	31.3	93.8	..	C	178	..	2.8SLM 2	...	..
1964	APR	24	23	03	50.0	31.3	93.8	..	C	178	..	2.6SLM 2	...	..
1964	APR	25	03	23	08.0	31.3	93.8	..	C	178	..	2.6SLM 2	...	..
1964	APR	25	06	02	33.0	31.3	93.8	..	C	178	..	2.9SLM 2	...	..
1964	APR	26	02	35	24.0	31.3	93.8	..	C	178	..	2.7SLM 2	...	..
1964	APR	26	03	24	50.2	31.55	93.78	005	C	214	..	3.3SLM 2	...	..
1964	APR	27	21	50	27.0	31.3	93.8	..	C	178	..	3.2SLM 2	...	..
1964	APR	28	00	24	07.0	31.3	93.8	..	C	178	..	3.1SLM 2	...	..
1964	APR	28	00	30	45.7	31.40	93.82	006	A	214	3.4	3.3GOR 2	V	37
1964	APR	30	20	30	..	31.5	93.8 *	..	G	37	..	.. ..	III*	37
1964	MAY	02	06	34	54.0	31.3	93.8	..	C	178	..	3.3SLM 2	...	..
1964	MAY	03	03	24	12.0	31.3	93.8	..	C	178	..	3.0SLM 2	...	..
1964	MAY	07	20	10	..	31.5	93.8 *	..	G	37	..	3.2SLM 2	III*	37
1964	JUN	02	23	00	..	31.3	94.0 *	..	G	37	..	.. ..	II*	37
1964	JUN	03	01	30	..	31.3	94.0 *	..	G	37	4.2	.. ..	IV*	37
1964	JUN	03	02	27	27.5	31.28	93.83	023	B	214	..	2.5GOR 2	IV	37
1964	AUG	16	11	36	..	31.3	94.0 *	..	G	37	..	2.9SLM 2	V	37
1964	AUG	19	23	58	55.0	31.3	93.8	..	C	178	..	2.7SLM 2	...	..
1964	NOV	08	09	26	00	31.9	103.0	..	B	169	..	2.7NMI 1	...	..
1964	NOV	21	11	21	24	31.9	103.0	..	B	169	..	2.5NMI 1	...	..
1965	FEB	03	19	59	32	31.9	103.0	..	B	169	..	3.0NMI 1	...	..
1965	AUG	30	05	17	36.4	32.08	102.42	005	B	214	3.5	2.6GOR 2	IV	173
1966	MAR	24	23	45	..	30.0	94.0 x	..	G	105	..	.. ..	...	..
1966	MAR	24	..	..	..	30.0	94.0 x	..	G	105	..	.. ..	...	..
1966	JUL	20	09	04	58.8	35.64	101.33	003	A	214	3.9	3.7GOR 2	V	81
1966	AUG	14	15	25	53.7	32.12	102.34	003	C	214	3.4	3.2GOR 2	VI	81
1966	NOV	26	20	05	41	30.9	105.4	..	B	169	..	2.6NMI 1	...	..
1969	FEB	02	12	49	32.0	33.3	95.8	..	C	178	..	2.8SLM 2	...	..
1969	MAY	12	08	26	19.6	31.85	106.52	013	B	214	..	3.4GS 1	VI	42
1969	MAY	12	08	49	17.2	31.85	106.56	014	B	214	4.3	3.3GS 1	...	..
1969	MAY	12	08	51	..	31.8	106.4 *	..	G	42	..	.. ..	...	..
1969	MAY	12	10	39	..	31.8	106.4 *	..	G	42	..	.. ..	...	..
1971	JUL	30	01	45	51.4	31.64	103.17	005	B	214	3.0	3.6GOR 2	III	173
1971	JUL	31	14	53	49.4	31.65	103.12	002	B	214	3.4	3.2GOR 2	IV	173
1971	SEP	24	01	01	54	31.6	103.2	..	B	169	..	3.0NMI 1	...	..
1972	DEC	09	05	58	44.3	31.8	106.5 *	..	G	45	..	.. ..	III*	45
1973	DEC	25	02	46	..	29.0	98.0 *	..	H	46	..	.. ..	IV	46
1974	FEB	15	13	33	49.2	36.40	100.69	000	A	214	4.5	4.5GOR 2	V	47
1974	DEC	30	08	05	27.1	30.92	103.11	005	B	111	..	3.7GS 1	...	..
1975	AUG	01	07	27	43.8	30.57	104.49	001	C	214	4.8	3.2GOR 2	II	48
1976	JAN	19	04	03	31.4	31.90	103.09	003	A	214	..	2.6GOR 2	IV	49
1976	JAN	22	07	21	57.0	31.90	103.07	001	B	49	..	2.8GS 1	III	49
1976	JAN	25	04	48	28.5	31.90	103.09	004	A	214	..	3.3GOR 2	V	49
1976	AUG	05	18	53	09	31.57	103.02	..	B	170	..	3.0NMI 1	...	..
1977	APR	26	09	03	07.6	31.90	103.08	005	A	214	..	2.7GOR 2	IV	39
1977	JUN	07	23	01	25.0	33.13	100.94	012	C	214	..	3.4GOR 2	...	..
1977	JUN	17	03	37	05.7	32.35	100.40	005	C	239	..	2.5TUL 2	...	..
1977	SEP	12	02	36	30.1	33.95	95.24	005	C	239	..	2.5TUL 2	...	..

TEXAS

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1977	NOV	28	01	40	52.0	32.96	100.88	001	A	214	..	3.0GOR	2	...	..
1978	MAR	02	10	04	53.0	31.55	102.50	001	A	214	..	3.5GS	1	III	240
1978	JUN	16	11	46	56.0	32.99	100.88	003	A	214	4.4	4.6SLM	2	V	240
1978	JUN	16	11	53	33.1	32.87	100.99	005	C	214	..	3.4TUL	2	...	..
1979	JUL	05	01	05	02.9	33.00	100.92	001	B	214	..	2.7TUL	2	...	..
1980	FEB	21	20	42	03.5	35.19	101.01	001	B	214	..	2.9TUL	2	...	..
1980	JUN	09	22	37	12.3	35.48	101.01	001	B	214	..	3.4TUL	2	V	300

VERMONT

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1843	MAR	14	..	..	..	44.4	72.5	..	H	76	..	.. ..	IV	76
1851	DEC	25	12	45	..	44.0	73.3	..	H	141	..	.. ..	III	76
1856	JUN	10	..	..	..	43.1	72.5	..	H	76	..	.. ..	II	76
1863	JUN	09	21	30	..	44.5	73.0	..	H	126	..	.. ..	IV	126
1873	NOV	05	04	30	..	44.5	73.2	..	H	126	..	.. ..	III	76
1873	NOV	05	05	00	..	44.5	73.2	..	H	126	..	.. ..	III	76
1880	SEP	23	23	..	..	44.3	73.3	..	H	141	..	.. ..	II	76
1895	MAY	28	16	15	..	43.0	72.5	..	H	76	..	.. ..	III	76
1898	JUN	11	06	45	..	42.8	72.6	..	H	126	..	.. ..	IV	126
1900	DEC	31	..	..	..	44.3	72.6	..	H	126	..	.. ..	II	126
1905	MAY	27	..	..	..	44.3	72.6	..	G	126	..	.. ..	II	126
1905	OCT	22	..	..	..	44.9	72.2	..	G	76	..	.. ..	IV	126
1908	AUG	16	..	..	..	44.6	73.1	..	H	141	..	.. ..	III	76
1908	DEC	09	18	53	..	44.6	72.0	..	H	126	..	.. ..	III	82
1917	MAY	20	08	59	..	44.3	72.5	..	H	84	..	.. ..	III	84
1934	APR	11	03	00	..	44.0	72.7	..	H	77	..	.. ..	III	77
1934	APR	11	03	24	..	44.0	72.7	..	H	77	..	.. ..	III	77
1935	NOV	01	06	30	..	44.3	72.6	..	H	77	..	.. ..	II	77
1936	NOV	10	04	02	..	44.6	71.7	..	F	212	..	.. ..	IV	77
1937	DEC	02	22	01	..	44.5	73.2	..	H	77	..	.. ..	II	77
1938	APR	13	01	..	..	43.2	73.1	..	H	77	..	.. ..	II	77
1941	MAY	19	11	59	35	43.8	72.3	..	D	77	..	2.0OTT 1	...	..
1943	JUL	06	22	10	16.0	44.84	73.03	022	A	201	..	4.0BAS 2	IV	126
1944	JUN	04	02	08	30	44.2	72.7	..	G	77	..	.. ..	III	77
1945	AUG	05	..	..	..	43.6	72.5 *	..	G	18	..	.. ..	III*	18
1945	AUG	05	17	20	..	43.6	72.5	..	G	77	..	.. ..	III	77
1945	AUG	05	22	30	..	43.6	72.5 *	..	G	18	..	.. ..	III*	18
1948	OCT	20	11	59	..	44.5	73.2	..	G	126	..	.. ..	II	126
1952	JAN	30	04	00	..	44.5	73.2	..	F	77	..	.. ..	VI	25
1952	JAN	30	08	00	..	44.5	73.2 *	..	G	25	..	.. ..	II*	25
1952	JAN	30	11	30	..	44.5	73.2 *	..	G	25	..	.. ..	II*	25
1953	MAR	31	02	50	..	43.7	73.0	..	G	77	..	.. ..	III	26
1953	MAR	31	12	58	33.4	43.77	73.08	001	A	201	..	4.0OTT 1	V	26
1955	FEB	03	02	30	..	44.5	73.2	..	H	77	..	.. ..	V	28
1955	FEB	03	04	06	..	44.5	73.2	..	H	77	..	.. ..	II	126
1955	FEB	03	04	08	..	44.5	73.2	..	H	77	..	.. ..	II	126
1955	FEB	03	04	28	..	44.5	73.2	..	H	77	..	.. ..	II	126
1957	JAN	30	..	..	..	44.5	73.2	..	G	126	..	.. ..	II	126
1957	APR	24	00	41	59.0	44.4	72.0	..	H	77	..	.. ..	V	30
1962	APR	10	14	30	45.2	44.11	72.97	005	A	201	..	4.2STR 2	V	35
1966	JUL	31	..	..	..	44.0	73.0	..	G	126	..	.. ..	II	126
1979	JAN	29	06	35	46.2	44.82	73.19	009	B	262	..	2.5PAL 2	II	262
1980	DEC	25	16	58	35.6	44.10	72.09	010	B	300	..	2.5WES 2	...	..

VIRGINIA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1774	FEB	21	19	11	..	37.2	77.4	*	..	G	314	..	..	..	VI*	55
1774	FEB	21	19	45	..	37.2	77.4	*	..	G	314	..	..	..	V*	314
1774	FEB	22	19	..	..	37.2	77.4	*	..	G	314	..	..	..	IV	86
1775	MAR	16	19	15	..	37.7	78.8		..	H	167	..	..	..	IV*	167
1775	MAR	17	00	15	..	37.7	78.8		..	H	167	..	..	..	III*	167
1775	AUG	30	07	..	..	37.7	78.8		..	H	86	..	..	..	III*	167
1789	NOV	19	11	..	..	38.3	77.5		..	G	86	..	..	..	III*	55
1791	JAN	13	09	..	..	37.7	78.8		..	H	86	..	..	..	IV	167
1791	JAN	15	10	..	..	37.5	77.5	*	..	G	55	..	..	..	IV*	55
1795	FEB	12	01	..	..	38.3	77.5	*	..	G	55	..	..	..	III*	55
1801	FEB	11	02	..	..	37.4	79.2	x	..	I	86	..	..	..	III*	55
1802	AUG	23	10	..	..	37.4	79.1	*	..	H	55	..	..	..	V	167
1807	MAY	01	09	..	..	37.4	79.1	*	..	H	55	..	..	..	V	167
1812	FEB	02	14	30	..	37.5	77.5	*	..	G	55	..	..	..	V*	55
1812	APR	22	09	..	..	37.5	77.5	*	..	G	167	..	..	..	IV	167
1826	AUG	10	02	..	..	37.5	77.5	*	..	G	55	..	..	..	II*	55
1826	AUG	10	17	..	..	37.5	77.5	*	..	G	55	..	..	..	II*	55
1828	MAR	10	03	..	..	37.0	80.0	*	..	H	55	..	..	..	V	55
1833	AUG	27	11	..	..	37.7	78.0	*	..	H	179	..	..	..	VI	179
1850	OCT	17	..	..	..	37.3	78.4	*	..	G	55	..	..	..	IV*	167
1852	APR	29	18	..	..	36.6	81.6		..	G	86	..	..	..	VI	55
1852	NOV	02	23	35	..	37.6	78.6	*	..	H	55	..	..	..	VI	167
1853	JAN	30	..	..	..	38.9	78.5	x	..	G	167	..	..	..	III*	167
1853	MAY	02	14	20	..	38.5	79.5	*	..	H	167	..	..	..	V	38
1854	JAN	29	23	..	..	36.7	83.1	*	..	G	291	..	..	..	III*	291
1854	NOV	22	21	..	..	37.1	81.7	*	..	G	55	..	..	..	III	167
1855	FEB	02	08	..	..	37.0	78.6	*	..	G	38	..	..	..	V	38
1856	JAN	16	08	..	..	39.2	78.2	*	..	G	55	..	..	..	IV	167
1856	MAR	21	14	..	..	37.6	79.0	*	..	G	55	..	..	..	III*	55
1859	MAR	22	..	..	..	37.1	81.5	*	..	G	55	..	..	..	IV*	55
1872	MAR	01	..	..	..	36.8	79.4	x	..	H	167	..	..	..	III*	55
1872	JUN	05	03	..	..	37.7	78.0	*	..	H	55	..	..	..	IV*	55
1873	OCT	03	12	45	..	37.2	78.2		..	G	86	..	..	..	IV	167
1875	MAR	10	17	00	..	37.7	77.9	*	..	G	55	..	..	..	III	167
1875	DEC	23	04	45	..	37.7	78.3	*	..	G	55	..	..	..	VII	86
1875	DEC	23	..	..	..	37.7	78.3	*	..	G	55	..	..	..	II*	55
1875	DEC	26	17	..	..	37.5	77.9	*	..	G	55	..	..	..	III*	55
1876	JAN	03	02	30	..	37.6	77.9		..	G	86	..	..	..	III	167
1876	DEC	21	15	30	..	36.9	81.1		..	G	86	..	..	..	II*	55
1876	DEC	23	04	45	..	37.4	77.5		..	G	86	..	..	..	IV*	55
1876	DEC	23	08	..	..	37.4	77.5	*	..	G	55	..	..	..	IV*	55
1878	JAN	03	00	..	..	37.9	77.7	*	..	H	55	..	..	..	III*	55
1879	SEP	01	12	..	..	36.9	81.1	*	..	G	167	..	..	..	II*	167
1882	APR	02	..	..	..	38.6	78.7	x	..	H	55	..	..	..	IV*	55
1884	MAR	30	01	00	..	37.6	75.8	*	..	H	55	..	..	..	III*	55
1884	AUG	15	..	..	..	38.0	75.0		..	H	86	..	..	..	...	..
1885	JAN	03	02	12	..	39.2	77.5		..	G	38	..	..	..	V	38
1885	FEB	02	12	10	..	36.9	81.1		..	G	86	..	..	..	IV	86
1885	OCT	10	04	35	..	37.7	78.8		..	G	55	..	..	..	VI	38
1885	OCT	10	05	35	..	37.7	78.8	*	..	G	55	..	..	..	III*	55

VIRGINIA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)		DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER		INTENSITY MM	REF
1897	MAY	03	17	18	..	37.1	80.7		..	G	55	..	..	..	VII	55
1897	MAY	03	19	..	..	37.1	80.7	*	..	G	71	..	..	..	III*	71
1897	MAY	03	21	10	..	37.1	80.7	*	..	G	55	..	..	..	III*	55
1897	MAY	03	23	..	..	37.1	80.7	*	..	G	55	..	..	..	III*	55
1897	MAY	31	18	58	..	37.3	80.7		..	G	55	..	..	..	VIII	190
1897	JUN	29	03	..	..	37.3	80.7	*	..	G	55	..	..	..	IV*	55
1897	SEP	04	11	..	..	36.9	81.1		..	G	86	..	..	..	III*	55
1897	OCT	22	03	20	..	36.9	81.1		..	G	55	..	..	..	V	55
1897	NOV	27	20	56	..	37.7	77.5		..	G	86	..	..	..	IV*	167
1897	DEC	18	23	45	..	37.7	77.5		..	G	55	..	..	..	V	55
1898	FEB	05	20	..	..	37.0	81.0		..	G	86	..	..	..	VI	38
1898	FEB	06	02	..	..	37.0	81.0	*	..	G	55	..	..	..	II*	55
1898	NOV	25	20	..	..	37.0	81.0		..	G	86	..	..	..	V	38
1899	FEB	13	09	30	..	37.0	81.0		..	G	55	..	..	..	V	55
1899	MAR	03	..	..	..	36.9	76.2	*	..	G	55	..	..	..	IV*	55
1902	MAY	18	04	..	..	37.3	80.6	*	..	G	55	..	..	..	V	189
1905	APR	29	..	..	..	37.3	79.5	*	..	G	55	..	..	..	III	86
1907	FEB	11	00	30	..	37.8	78.5		..	G	86	..	..	..	III	55
1907	FEB	11	13	22	..	37.7	78.3		..	G	55	..	..	..	VI	55
1907	FEB	11	13	45	..	37.7	78.3	*	..	G	55	..	..	..	III*	55
1908	AUG	23	08	30	..	37.5	77.9	*	..	G	55	..	..	..	III*	55
1908	AUG	23	09	30	..	37.5	77.9		..	G	55	..	..	..	V	55
1908	AUG	23	15	00	..	37.5	77.9	*	..	G	55	..	..	..	III*	55
1908	AUG	23	19	30	..	37.5	77.9	*	..	G	55	..	..	..	III*	55
1908	AUG	24	01	..	..	37.5	77.9	*	..	G	55	..	..	..	III*	55
1910	FEB	08	14	00	..	38.8	78.7	*	..	G	55	..	..	..	IV	86
1910	FEB	08	14	05	..	38.8	78.7	*	..	G	55	..	..	..	III*	55
1910	FEB	08	14	30	..	38.8	78.7	*	..	G	55	..	..	..	III*	55
1910	MAY	08	21	10	..	37.7	78.4		..	G	55	..	..	..	IV*	55
1911	FEB	10	10	22	..	36.6	79.4		..	G	86	..	..	..	IV*	189
1912	AUG	08	01	00	..	37.7	78.4		..	G	86	..	..	..	IV	55
1917	APR	19	..	..	..	37.0	81.0	*	..	I	55	..	..	..	II*	55
1918	APR	09	18	08	..	38.7	78.4		..	G	86	..	..	..	II*	55
1918	APR	10	02	09	..	38.7	78.4		..	G	55	..	..	..	VI	55
1918	APR	10	07	..	..	38.7	78.4		..	G	86	..	..	..	V*	186
1918	APR	16	13	40	..	38.7	78.4		..	G	86	..	..	..	IV*	55
1918	APR	19	16	55	..	36.8	76.3		..	F	189	..	..	..	III	189
1919	SEP	06	02	46	..	38.8	78.2		..	G	55	..	..	..	VI	55
1919	SEP	06	03	46	..	38.8	78.2	*	..	G	187	..	..	..	V*	187
1919	SEP	06	09	..	..	38.8	78.2	*	..	G	187	..	..	..	III*	187
1920	JUL	24	..	..	..	38.7	78.4		..	G	86	..	..	..	IV	86
1921	JUL	15	..	..	..	36.6	82.3		..	G	55	..	..	..	V	55
1921	AUG	07	06	30	..	37.8	78.4	x	..	G	55	..	..	..	V	55
1924	JAN	01	05	..	..	39.1	78.1	*	..	G	55	..	..	..	IV*	55
1924	DEC	26	04	30	..	37.3	79.9		..	G	38	..	..	..	V	38
1925	MAY	16	01	30	..	37.3	77.5		..	H	86	..	..	..	V*	55
1925	JUL	14	21	20	..	37.6	77.5	*	..	G	55	..	..	..	IV	86
1927	JUN	10	07	16	..	38.0	79.0		..	G	55	..	..	..	V	55
1928	OCT	30	11	45	..	37.5	77.5		..	G	1	..	..	..	IV	1
1929	DEC	26	02	56	..	38.1	78.5		..	G	189	..	..	..	VI	38
1929	DEC	26	05	..	..	38.1	78.5	*	..	G	189	..	..	..	IV*	189
1930	SEP	15	07	40	..	37.5	77.5		..	G	3	..	..	..	III*	3
1931	OCT	06	03	15	..	37.7	78.3		..	G	86	..	..	..	III*	4
1932	JAN	05	04	05	..	37.6	78.4	*	..	G	5	..	..	..	IV*	189
1932	DEC	25	..	..	..	37.2	77.4	x	..	G	5	..	..	..	II*	5
1933	JAN	27	01	00	..	37.2	77.4	x	..	G	189	..	..	..	IV*	189
1933	JUL	23	15	..	..	37.7	78.3		..	G	86	..	..	..	III	6
1934	APR	03	02	05	..	37.2	77.4	*	..	G	7	..	..	..	III*	7

VIRGINIA

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1935	FEB	10	23	45	..	37.2	77.4 *	..	G	8	..	.. ..	IV*	8
1936	APR	09	12	42	..	38.1	78.5	..	G	86	..	.. ..	III	86
1937	FEB	03	01	26	..	37.7	78.7 x	..	H	189	..	.. ..	IV*	189
1940	MAR	26	02	00	..	38.9	78.5 *	..	G	13	..	.. ..	III*	13
1940	MAR	26	03	28	..	38.9	78.5 *	..	G	13	..	.. ..	IV*	13
1940	MAR	26	05	01	..	38.9	78.5 *	..	G	13	..	.. ..	II*	13
1942	JAN	03	07	30	..	37.4	79.1 x	..	G	15	..	.. ..	III*	15
1942	OCT	07	02	15	..	37.6	78.4 *	..	G	15	..	.. ..	IV*	189
1945	OCT	10	19	43	..	37.7	78.3 *	..	G	18	..	.. ..	III*	18
1945	OCT	12	19	00	..	37.5	78.5 *	..	G	18	..	.. ..	IV*	18
1945	OCT	30	01	29	..	37.5	78.5 *	..	G	18	..	.. ..	IV*	18
1946	MAY	24	19	40	..	38.0	78.6 *	..	G	19	..	.. ..	III*	19
1948	JAN	05	02	45	..	37.5	78.5 *	..	G	21	..	.. ..	III*	21
1948	JAN	05	03	20	..	37.5	78.5 *	..	G	21	..	.. ..	V*	21
1948	JAN	05	04	00	..	37.5	78.5 *	..	G	21	..	.. ..	III*	21
1948	JAN	05	06	00	..	37.5	78.5 *	..	G	21	..	.. ..	III*	21
1948	MAR	26	23	48	..	38.1	78.5	..	G	86	..	.. ..	III*	21
1949	MAY	08	11	01	..	37.6	77.6 *	..	G	22	..	.. ..	V	86
1949	SEP	16	21	30	..	36.7	83.0 *	..	G	68	..	.. ..	III*	68
1949	SEP	17	09	30	..	36.7	83.0 *	..	G	22	..	.. ..	IV*	22
1950	NOV	26	07	45	..	37.7	78.3 *	..	G	23	..	.. ..	V	86
1951	MAR	09	07	00	..	37.6	77.6 *	..	G	24	..	.. ..	V*	24
1952	SEP	11	03	15	..	38.1	78.5	..	G	86	..	.. ..	IV	25
1952	SEP	11	03	35	..	38.1	78.5 *	..	G	25	..	.. ..	III*	25
1953	FEB	07	07	05	..	37.7	78.1 *	..	G	26	..	.. ..	IV	26
1955	JAN	17	12	37	..	37.3	78.4 *	..	G	28	..	.. ..	IV	28
1955	SEP	28	07	01	41.5	36.6	81.3	..	F	166	..	.. ..	V	28
1958	OCT	23	02	29	44.3	37.21	81.91	005	B	214	..	.. ..	...	..
1959	APR	23	20	58	39.5	37.40	80.68	001	A	201	..	3.8DEW 2	VI	105
1959	JUL	07	23	17	..	37.3	80.7 *	..	F	189	..	.. ..	IV	32
1959	AUG	21	17	20	..	37.3	80.7 *	..	F	189	..	.. ..	IV	32
1963	JAN	17	11	40	26.8	37.3	80.1 *	..	G	36	..	.. ..	IV	36
1963	JAN	17	14	26	50.8	37.3	80.1 *	..	G	36	..	.. ..	IV	36
1963	OCT	28	22	38	35	36.7	81.0	033	B	36	..	2.9JLM 5	V	36
1963	OCT	29	01	57	..	36.7	81.0	..	C	36	..	.. ..	IV*	36
1966	MAY	31	06	18	59.5	37.66	78.13	002	A	201	3.5	3.6GB 2	V	81
1968	MAR	08	05	38	15.7	37.28	80.77	008	A	201	3.9	4.1BLA 2	IV	74
1969	DEC	11	23	44	37.4	37.84	77.67	001	B	201	..	3.5BLA 2	V	42
1970	JUL	30	08	48	53.0	37.00	82.16x	007	A	201	3.8	3.3DEW 2	...	..
1970	JUL	30	15	15	16.9	36.99	82.21x	012	A	201	2.0	3.7DEW 2	...	..
1971	SEP	12	00	06	27.6	38.15	77.59	005	B	201	..	3.6DEW 2	V	44
1971	SEP	12	00	09	22.6	38.1	77.4	..	B	193	..	3.2BLA 2	IV	193
1972	MAY	20	19	39	06.9	37.06	82.29x	001	B	214	..	3.9DEW 2	...	..
1972	SEP	05	16	00	01.9	37.6	77.7	..	A	191	..	3.3BLA 2	IV	191
1973	APR	09	23	11	02.7	37.5	77.5 *	..	F	46	..	.. ..	IV	46
1974	MAR	23	09	46	33.8	38.92	77.78	002	B	47	..	2.6BLA 2	...	..
1974	MAY	30	21	28	35.3	37.46	80.54	005	A	201	..	3.6BLA 2	V	47
1974	NOV	07	21	31	04.5	37.75	78.20	..	F	47	..	2.4BLA 2	IV	47
1975	MAR	07	12	45	13.5	37.32	80.48	005	B	48	..	3.0BLA 2	II	48
1975	NOV	11	08	10	37.6	37.22	80.89	001	A	201	..	3.2SLM 2	VI	48
1976	JAN	30	18	58	49.1	39.62	78.25x	000	A	201	..	2.8BLA 2	...	..
1976	SEP	13	18	54	38.0	36.62	80.77	009	A	201	..	3.3BLA 2	VI	49
1977	FEB	27	20	05	34.6	37.90	78.63	005	B	39	..	2.4BLA 2	V	39
1977	OCT	23	07	51	41.0	36.93	82.13	010	B	322	..	2.8BLA 2	...	..
1978	MAR	17	18	26	34.8	36.78	80.73	016	A	322	..	2.8BLA 2	IV	240
1980	NOV	05	21	48	14.7	38.18	79.90	004	B	300	..	2.8BLA 2	F	300

WEST VIRGINIA

DATE			ORIGIN TIME(UTC)			LAT.	LONG.	DEPTH	HYPOCENTER		MAGNITUDE			INTENSITY	
YEAR	MONTH	DAY	H	M	S	(N.)	(W.)	(KM)	QUAL	REF	USGS	OTHER		MM	REF
1824	JUL	15	16	20	..	39.3	81.5 *	..	I	55	..	.. ..		IV	86
1846	OCT	19	02	..	..	39.3	77.9 *	..	I	55	..	.. ..		III*	167
1857	DEC	11	03	..	..	37.8	80.1 x	..	G	55	..	.. ..		...	..
1909	APR	02	07	25	..	39.4	78.0	..	G	38	..	.. ..		V	189
1933	JUN	15	01	14	36.8	37.57	81.97	005	C	214	..	.. ..		...	..
1935	NOV	01	08	30	..	38.9	78.9 *	..	F	8	..	.. ..		IV*	8
1957	MAR	07	21	05	09	39.6	79.9 *	..	F	30	..	.. ..		III*	30
1957	MAR	13	21	00	41	39.6	79.9 *	..	F	30	..	.. ..		III*	30
1964	NOV	25	02	50	06.4	37.39	81.70x	006	A	201	4.5	3.6GB	2	IV	86
1965	APR	26	15	26	19.7	37.33	81.60	005	A	201	..	3.5GB	2	...	..
1966	SEP	28	20	59	06	39.3	80.4 x	..	G	81	..	.. ..		IV	81
1967	DEC	16	12	23	33.4	37.36	81.60	002	A	201	3.5	3.4DEW	2	...	..
1969	MAY	22	14	59	51.6	39.61	78.25x	000	A	201	..	3.1DEW	2	...	..
1969	NOV	20	01	00	09.3	37.45	80.93	003	A	201	4.3	4.6GB	2	VI	42
1970	MAY	27	17	59	41.4	39.62	78.28x	000	A	201	..	3.2DEW	2	...	..
1970	AUG	11	06	14	25.5	38.23	82.05	010	B	214	..	2.8GS	2	IV	43
1971	FEB	18	19	29	48.3	39.65	78.23x	000	A	201	..	.. ..		...	..
1971	APR	01	05	05	11.0	37.36	81.63x	..	A	74	..	3.0BAR	2	...	..
1972	JAN	09	23	24	30.1	37.39	81.66x	003	A	201	..	3.7DEW	2	...	..
1972	SEP	12	15	17	13.7	39.6	79.9 *	..	F	45	..	.. ..		III*	45
1974	OCT	20	15	13	55.6	39.06	81.61	004	B	214	..	3.8GOR	8	V	47
1976	MAY	06	18	46	08.1	39.6	79.9 *	..	F	49	..	.. ..		IV	49
1976	JUN	19	05	54	13.4	37.34	81.60	001	B	214	4.7	3.3BLA	2	V	49
1976	JUL	03	20	53	45.8	37.32	81.13	001	B	214	..	2.7GOR	2	...	..

WISCONSIN

DATE YEAR	MONTH	DAY	ORIGIN TIME(UTC) H	M	S	LAT. (N.)	LONG. (W.)	DEPTH (KM)	HYPOCENTER QUAL	REF	MAGNITUDE USGS	OTHER	INTENSITY MM	REF
1899	OCT	12	..	..	..	42.6	87.8	..	H	105	..	.. ..	III*	105
1905	MAR	14	04	30	..	45.0	87.7	..	G	105	..	.. ..	V	38
1906	APR	22	..	..	..	43.1	87.9	..	H	105	..	.. ..	III*	105
1906	APR	24	..	..	..	43.0	87.9	..	H	105	..	.. ..	III*	105
1907	JAN	10	..	..	..	45.1	87.7	..	G	105	..	.. ..	III*	105
1914	OCT	07	21	..	..	43.1	89.4	..	G	105	..	.. ..	IV	105
1916	MAY	31	22	45	..	43.1	89.3	..	G	105	..	.. ..	II	105
1922	JUL	07	..	..	..	43.8	88.5	..	G	105	..	.. ..	V	105
1931	OCT	18	21	12	..	43.1	89.4	..	G	105	..	.. ..	III	105
1933	DEC	07	05	55	..	42.9	89.2	..	G	105	..	3.5BAR 8	IV	105
1943	FEB	09	23	21	..	45.3	88.2	..	G	16	..	.. ..	III	16
1947	MAY	06	21	27	..	43.0	87.9	..	H	105	..	3.9BAR 8	V*	105
1948	JAN	15	17	40	..	43.1	89.7	..	G	105	..	.. ..	IV	105
1956	JUL	18	21	30	..	43.6	87.8	..	F	105	..	.. ..	IV	29
1956	OCT	13	..	..	..	42.9	87.9	..	G	105	..	.. ..	IV	29
1957	JAN	08	16	00	..	43.5	88.8	..	G	105	..	.. ..	IV*	105

Table 2.--List of data sources

1. Heck, N. H., and Bodle, R. R., 1930, United States Earthquakes 1928: U. S. Coast and Geodetic Survey , Serial No. 483, 28 p.
2. Heck, N. H., and Bodle, R. R., 1931, United States Earthquakes 1929: U. S. Coast and Geodetic Survey, Serial No. 511, 55 p.
3. Neumann, Frank, and Bodle, R. R., 1932, United States Earthquakes 1930: U. S. Coast and Geodetic Survey, Serial No. 539, 25 p.
4. Neumann, Frank, 1932, United States Earthquakes 1931: U. S. Coast and Geodetic Survey, Serial No. 553, 26 p.
5. Neumann, Frank, 1934, United States Earthquakes 1932: U. S. Coast and Geodetic Survey, Serial No. 563, 21 p.
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