

Epicenters of Northeastern United States and Southeastern Canada, Onshore and Offshore; Time Period 1534–1980.

Gary N. Nottis, Editor
New York State Geological Survey

MAP AND CHART SERIES NUMBER 38

New York State Museum



The 61 meter (200 foot) long Parent, Quebec landslide triggered by the Timiskaming, Quebec mainshock of November 1, 1935.

The University of the State of New York

THE STATE EDUCATION DEPARTMENT



Albany, N.Y. 12230

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INTRODUCTION

This catalog and accompanying two-sheet map is the result of the critical evaluation, editing and reconfiguration of an unpublished catalog and two-sheet map compiled by E.F. Chiburis and others during the time period 1977 to 1980 at the Weston Observatory of Boston College. The new catalog and map cover an area of northeastern North America that is slightly larger than the area bounded by the geographic coordinates 40° north latitude to 50° north latitude, and 58° west longitude to 80° west longitude.

The catalog consists of five tables. Table 1 lists all known or suspected tectonic earthquakes that occurred in northeastern North America during the period 1534 through 1980. Entries are listed by state or province, in chronological order from earliest to most recent. Referenced separately for each of these 2461 known events are hypocentral parameters (date, origin time, epicenter, and depth), magnitude estimate, and the epicentral felt intensity estimate based on the Modified Mercalli Scale (MM) of Wood and Newmann (1931). Table 2 is a listing of the 106 known felt-intensity (MM) distribution maps, isoseismal maps and felt-area estimates that are available for some of the earthquakes in Table 1. A reference source is provided for each. Table 3 lists 135 earthquakes from the unpublished catalog of Chiburis and others, that are not included in Table 1 because they are not referenced in the known published or unpublished literature. Table 4 lists and gives reference sources for 39 events that were excluded from Table 1 because they resulted from ground vibrations produced by non-tectonic processes, e.g. frost quakes (cryoseisms), explosions, mine collapses, and sonic booms. Table 5 lists the 149 references used in compiling Tables 1 through 4.

CATALOG SPECIFICS

TABLE ONE

This is a listing of documented tectonic earthquakes, arranged in chronological order by state and Canadian province. Column headings are explained below.

Hypocentral Parameters

Dates and times of origin are expressed in Greenwich Mean Time (GMT). For instrumentally recorded earthquakes with epicenter accuracies of plus or minus five kilometers or better, origin time is given to the nearest 0.01 second. For other earthquakes the time is rounded to the nearest second. An "X" between the origin time and epicenter location indicates that the earthquake was reported in the literature as an aftershock. All known aftershock sequences are reported in the Table except those associated with the high-intensity mainshocks of November 10, 1927 at Cape Ann, Massachusetts, and of March 1, 1925 at La Malbaie, Province of Quebec. For these, only aftershocks of felt intensity (MM) IV or greater were included, for the sake of brevity. However, a complete listing of aftershocks for the November 10, 1927 earthquake can be found in both Brooks (1960) and Winkler (1979), and for the March 1, 1925 event in Smith (1962). The catalog user should be aware that the designation of an earthquake as an aftershock by an

investigator is sometimes subjective.

Epicenters are located both by geographic coordinates and locality name. North latitude and West longitude are shown to the nearest 1/100th of a degree where so designated in the literature. An asterisk "*" following an epicenter location indicates a reported accuracy of plus or minus five kilometers or less. Some of the non-instrumentally recorded earthquakes that occurred prior to 1974 are denoted as having accurately-located epicenters, if the evidence was exceptional, i.e. either a well defined area of highest felt intensity (meizoseismal area) inferred to contain an earthquake's epicenter, or a detailed analysis of an earthquake's reported direction of sound travel or direction of felt ground motion (Richter, 1935). For instrumentally-recorded and instrumentally-located earthquakes that did not have a reported location error, a rough determination of this error was made using the reported travel time residual. Earthquakes with a reported travel time residual of 0.25 seconds or less were considered to have a location accuracy of plus or minus five kilometers or less. All other epicenters reported are considered to have location errors greater than 5 kilometers, and some, even greater than 50 kilometers.

Estimated earthquake depths are shown where the investigator indicated that the nearest seismograph station recording the earthquake was as close to the epicenter as the estimated depth. Such depth estimates are reported to the nearest 0.1 km.

The number cited in the reference column refers to the list of references given in Table 5.

Magnitude Estimate

The assigned magnitude value and the magnitude type are given under "Magnitude". Magnitude values are given to the nearest 0.1 unit. Magnitude-type designations are as follows:

<u>TYPE</u>	<u>DESCRIPTION</u>	<u>REFERENCE</u>
B	Felt area magnitude based on M_{bLg} (Nuttli, 1973)	These magnitude values appear in Table Five, reference number 105.
C	M_{bLg} (Nuttli, 1973) computed from seismograms	Street and Turcotte (1977).
D	M_{bLg} (Nuttli, 1973) computed from seismograms	These magnitude values appear in Table Five, reference 32.
G	M_L (Richter, 1935 - computed from seismograms by the Earth Physics Branch, Ottawa, Canada)	These magnitude values appear Table Five, reference 32, 45, 61, 64, 79, 83, 102, 103, 119-131
H	M_{bLg} (Nuttli, 1973) - computed from seismograms by data contributors to the Northeastern United States Seismic Network	These magnitude values appear in Table Five, reference 11-27, 32, 35, 50, 79, 93, 97, 99, 100, 112, 113, 123-137.

<u>TYPE</u>	<u>DESCRIPTION</u>	<u>REFERENCE</u>
I	Signal duration magnitude based on M_{blg} (Nuttli, 1973), calculated by Weston Observatory, Boston College.	These magnitude values appear in Table Five, reference 21-27, 112, 113, 136, 137.
J	Felt area magnitude based on M_L (Richter, 1935), and adjusted by Ebel (1982) for the seismic wave attenuation of the north-eastern United States.	These magnitude values appear in Table Five reference 78.

Intensity Estimates

The "Intensity" column indicates the felt intensity (MM) assigned to an earthquake, and its reference number in Table Five. The reported intensity (MM) is the maximum reported epicentral area value, and could vary by plus or minus one unit depending upon the investigator.

TABLE 2

This lists intensity (MM) distribution maps and isoseismal maps available for earthquakes in Table One. The listing is chronological, and organized by state or Canadian province. The column format for hypocentral parameters is the same as for Table 1. The estimate of earthquake felt area is given in square kilometers. The source of the appropriate intensity distribution map or isoseismal map is indicated by reference number which refers to Table 5.

TABLE 3

This is a chronological listing of the undocumented earthquakes in the catalog of Chiburis and others that were excluded from Table 1. Headings are self-explanatory.

TABLE 4

This is a listing of non-tectonic earthquakes and rare, isolated felt-effects of a larger and more distant tectonic earthquake. Headings are self-explanatory. Event types are designated as follows:

<u>TYPE EVENT</u>	<u>DESCRIPTION</u>
AF	Vibrations from artillery fire
BE	Vibrations from a fire-ball (bolide) explosion
CY	Vibrations from a frost quake (cryoseism)

<u>TYPE EVENT</u>	<u>DESCRIPTION</u>
EF	Isolated felt-effect report of a larger and more distant tectonic earthquake.
EX	Vibrations from accidental explosions.
IN	Indeterminate event
MC	Vibrations from a mine collapse
SB	Vibrations from a sonic boom
SE	Vibrations from lake seiche
TR	Vibrations from a tornado
ST	Vibrations from a thunder storm

The "Reference" column refers to Table 5.

TABLE 5

This table is a standard list of references cited in Tables One through Four.

MAP OF TECTONIC SEISMICITY

The earthquakes contained in Table 1 are depicted in red on the accompanying two-sheet map. An explanation of how to use the map is printed on each map sheet.

RELIABILITY

The data presented in the catalog are, of course, only as good as the references used in the compilation. While the catalog has been edited as carefully as possible, some errors may remain. If errors are found, kindly report them to:

New York State Geological Survey
Cultural Education Center
Albany, New York 12230
ATTN: SURVEY SEISMOLOGIST

The reader is also encouraged to provide additional documentation to improve or revise any of the entries, either in the tables or on the map.

The catalog is computerized and will be upgraded periodically. The reader may write to ascertain if any revisions to the catalog have been made, and may request a computer print-out of the upgraded catalog.

ACKNOWLEDGEMENTS

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TABLE ONE

EPICENTERS OF NORTHEASTERN UNITED STATES AND SOUTHEASTERN CANADA, ONSHORE AND OFFSHORE;
TIME PERIOD 1534-1980

A. EARTHQUAKES IN CONNECTICUT, UNITED STATES

YEAR	DATE	ORIGIN	TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR.	MIN.	SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE	REF.	
1568	---	---	---	---	41.50 72.50	10 ---	7 101	CT MOODUS-E. HADDAM
1574	---	---	---	---	41.50 72.50	10 ---	7 101	CT MOODUS-E. HADDAM
1584	---	---	---	---	41.50 72.50	10 ---	7 101	CT MOODUS-E. HADDAM
1592	---	---	---	---	41.50 72.50	10 ---	7 101	CT MOODUS-E. HADDAM
1677	DEC	13	---	---	41.10 73.70	79 ---	4 79	CT STAMFORD
1698	---	---	---	---	41.40 73.50	101 ---	4 101	CT DANBURY
1702	---	---	---	---	41.40 73.50	101 ---	4 101	CT DANBURY
1711	---	---	---	---	41.40 73.50	101 ---	4 101	CT DANBURY
1729	AUG	06	---	---	41.40 73.50	101 ---	4 101	CT DANBURY
1791	MAY	16	13	00	41.50 72.50	10 5.0 B	6-7 116	CT MOODUS-E. HADDAM
1791	MAY	19	03	00	41.50 72.50	10 ---	4 118	CT MOODUS-E. HADDAM
1792	AUG	29	03	00	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1792	OCT	24	06	00	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1793	JAN	11	13	00	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1793	JUL	06	11	00	41.50 72.50	10 ---	4 101	CT MOODUS-E. HADDAM
1794	MAR	06	19	00	41.50 72.50	10 ---	F 10	CT MOODUS-E. HADDAM
1794	MAR	07	04	00	41.50 72.50	118 ---	F 118	CT MOODUS-E. HADDAM
1794	MAR	09	19	00	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1794	MAR	10	04	00	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1805	AUG	12	00	00	41.50 72.50	10 ---	4 101	CT MOODUS-E. HADDAM
1805	DEC	30	11	00	41.50 72.50	10 ---	4 101	CT MOODUS-E. HADDAM
1811	JUL	---	---	---	41.50 72.40	101 ---	3 101	CT MOODUS-E. HADDAM
1812	FEB	09	14	00	41.50 72.50	10 ---	3 101	CT MOODUS-E. HADDAM
1812	JUL	05	13	00	41.50 72.50	10 ---	3 101	CT MOODUS-E. HADDAM
1813	DEC	28	21	00	41.50 72.50	10 ---	3 101	CT MOODUS-E. HADDAM
1827	AUG	23	---	---	41.40 72.70	10 ---	4 79	CT NW. OF NEW LONDON
1837	APR	12	---	---	41.70 72.70	10 ---	4-5 79	CT HARTFORD
1840	AUG	09	20	30	41.50 72.90	101 4.0 B	5 79	CT HARTFORD
1844	JUN	---	01	00	41.50 72.40	101 ---	3 101	CT MOODUS-E. HADDAM
1845	JAN	01	---	---	41.50 72.40	101 ---	3 101	CT MOODUS-E. HADDAM
1845	JAN	11	---	---	41.50 72.40	118 ---	F 118	CT MOODUS-E. HADDAM
1845	OCT	26	23	15	41.20 73.30	116 4.0 B	5-6 116	CT BRIDGEPORT
1852	AUG	01	---	---	41.40 72.10	101 ---	3 101	CT GROTON
1856	MAR	13	03	00	41.40 72.60	101 ---	4 101	CT HADDAM
1857	JUL	01	03	45	41.50 72.50	79 ---	4 79	CT MOODUS-E. HADDAM
1858	JUN	27	---	---	41.40 72.80	101 ---	4-5 116	CT NORTH HAVEN
1858	JUL	01	03	45	41.30 73.00	10 ---	4-5 79	CT NEW HAVEN
1860	MAR	12	---	---	41.50 72.50	10 ---	3 101	CT MOODUS-E. HADDAM
1862	FEB	03	01	00	41.50 72.50	10 ---	4 101	CT MOODUS-E. HADDAM
1875	FEB	09	---	---	41.50 72.00	101 ---	2 101	CT PRESTON
1875	JUL	28	09	10	41.90 73.00	116 ---	5 10	CT NW. OF TORRINGTON
1875	SEP	26	02	00	41.30 73.30	101 ---	2 101	CT STEPNEY
1879	OCT	24	23	12	41.30 72.90	101 ---	2 101	CT NEW HAVEN
1885	APR	28	22	10	41.30 72.70	101 ---	3 101	CT GUILFORD
1886	JAN	09	---	---	41.90 73.10	84 ---	F 84	CT WINSTED
1886	FEB	03	---	---	41.20 73.20	84 ---	F 84	CT BRIDGEPORT
1886	SEP	05	---	---	41.50 72.50	10 ---	4 101	CT MOODUS-E. HADDAM
1894	APR	10	---	---	41.60 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1894	NOV	23	12	30	41.40 72.10	101 ---	3 101	CT NEW LONDON
1897	SEP	05	---	---	41.50 72.50	10 ---	4 101	CT MOODUS-E. HADDAM
1899	MAY	16	20	10	41.90 73.00	78 ---	4 78	CT HARTFORD
1899	MAY	17	01	15	41.60 72.60	116 ---	4-5 79	CT MOODUS-E. HADDAM
1906	MAY	08	13	30	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1913	NOV	15	---	---	41.50 72.50	10 ---	3 101	CT MOODUS-E. HADDAM
1916	DEC	02	09	00	41.50 72.50	101 ---	3 101	CT MOODUS-E. HADDAM
1917	FEB	16	09	00	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1917	MAR	11	---	---	41.50 72.50	101 ---	3 101	CT MOODUS-E. HADDAM
1919	AUG	11	---	---	41.50 72.50	10 ---	3 101	CT MOODUS-E. HADDAM
1925	OCT	24	01	30	41.40 73.30	101 ---	3 101	CT NEWTOWN
1925	OCT	30	---	---	41.50 72.50	101 ---	4 101	CT MOODUS-E. HADDAM
1925	NOV	01	---	---	41.50 72.50	101 ---	2 101	CT MOODUS-E. HADDAM
1925	NOV	14	13	04	41.70 72.40	116 ---	5 116	CT N. OF HEBRON
1925	NOV	16	06	20	41.80 72.70	101 ---	4 101	CT HARTFORD
1926	JAN	04	---	---	41.60 71.80	101 ---	3 101	CT VOLUNTTOWN
1927	MAR	30	---	---	41.70 72.80	101 ---	4 101	CT NEW BRITAIN
1928	DEC	08	04	12	41.80 72.50	37 ---	2 102	CT ELLINGTON
1931	JUL	01	02	45	41.60 73.40	66 ---	4 102	CT NEW MILFORD
1934	JAN	30	10	30	41.80 72.60	69 ---	4 69	CT S. WINDSOR
1935	AUG	09	07	30	41.40 72.10	70 ---	2 102	CT NEW LONDON
1937	JUL	27	09	10	41.80 72.40	72 ---	4 79	CT MANCHESTER
1938	JUN	14	04	02	41.40 73.40	73 ---	2 102	CT BETHEL
1938	JUN	14	19	30	41.40 73.40	73 ---	2 102	CT BETHEL
1938	AUG	02	09	02	41.10 73.70	73 ---	3-4 73	CT GREENWICH
1938	SEP	20	---	---	41.50 72.20	102 ---	3 102	CT NCRWICH
1940	MAR	02	04	15	41.50 72.40	86 ---	3 102	CT MOODUS-E. HADDAM
1940	MAR	13	01	29	41.50 72.40	86 ---	3 102	CT MOODUS-E. HADDAM
1942	APR	23	20	30	41.40 72.90	102 2.0 G	---	CT NEW HAVEN
1942	DEC	09	18	00	41.80 72.70	4 ---	2 102	CT HARTFORD
1944	DEC	14	03	14	41.60 72.80	102 ---	4 6	CT MERTIDEN
1947	JAN	04	18	51	41.00 73.60	10 ---	5 102	CT GREENWICH
1948	MAY	04	02	23	41.30 72.50	10 ---	F 102	CT WESTBROOK
1948	JUN	04	09	00	41.30 72.50	102 ---	2 102	CT WESTBROOK
1950	MAR	29	14	43	41.00 73.60	102 ---	4 10	CT GREENWICH
1951	JAN	26	03	27	41.50 72.50	102 ---	4 10	CT MOODUS-E. HADDAM
1953	MAR	27	08	50	41.10 73.50	102 ---	5 102	CT STAMFORD
1959	APR	13	21	20	41.90 73.30	102 3.4 G	---	CT S. CANAAN
1968	NOV	03	08	33	41.40 72.50	28 ---	5 28	CT MOODUS-E. HADDAM
1976	FEB	06	09	15	05.40 41.74 72.22	12 1.9 H	---	CT MANSFIELD
1976	APR	06	21	05	36.90 41.46 72.49 *	13 1.8 H	---	CT EAST HADDAM
1976	APR	24	10	22	22.10 41.46 72.49 *	13 2.2 H	4 13	CT EAST HADDAM
1976	APR	30	19	50	59.00 41.46 72.49 *	13 1.8 H	---	CT EAST HADDAM
1976	APR	30	20	40	09.20 41.46 72.49 *	13 1.9 H	---	CT EAST HADDAM
1976	DEC	17	10	33	57.60 41.47 72.07	15 2.2 H	---	CT N. OF GALES FERRY
1977	FEB	07	02	56	50.00 41.60 72.43 *	16 2.1 H	---	CT MARBOROUGH
1977	MAR	07	09	44	44.00 41.60 72.42 *	16 1.8 H	---	CT MARLBOROUGH
1979	JAN	07	09	22	48.80 41.73 72.57	24 1.2 H	---	CT E. GLASTONBURY
1979	DEC	12	08	34	22.00 41.45 72.01	27 1.2 I	---	CT SE. OF NORWICH
1980	JAN	02	03	12	30.60 41.62 72.10	112 1.0 I	---	CT NEAR NORWICH
1980	JUN	29	03	25	19.80 41.61 72.12	113 1.4 I	---	CT N. OF NORWICH
1980	JUN	29	03	29	10.10 41.46 72.09 *	113 1.6 I	---	CT N. OF NORWICH
1980	JUL	28	09	43	09.30 41.52 72.45 *	136 0.8 I	---	CT N. OF MOODUS
1980	SEP	05	23	59	48.20 41.67 72.25 *	136 1.7 I	---	CT S. OF WILLIMANTIC
1980	OCT	24	17	27	38.20 41.32 72.87 *	137 3.1 I	F 137	CT NE. OF NEW HAVEN
1980	OCT	25	00	41	28.30 41.33 72.88	137 2.8 I	F 137	CT NE. OF NEW HAVEN

YEAR	DATE	ORIGIN	TIME	(GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR.	MIN.	SEC.	N. LAT. W. LONG.	(KM.)	VAL. TYPE	(MM) REF.	
1627	---	---	---	---	42.60 70.80	---	101	---	MA ESSEX
1638	JUL 01	---	---	---	42.50 70.90	---	101	---	MA SALEM
1639	JAN 25	---	---	---	42.50 70.90	---	101	---	MA LYNN
1643	MAR 15	12	---	---	42.80 70.80	---	101	---	MA NEWBURY
1643	JUN 11	18	---	---	42.80 70.80	---	101	---	MA NEWBURY
1653	NOV 08	---	---	---	42.60 70.90	---	101	---	MA DANVERS
1658	APR 14	---	---	---	42.50 70.90	---	101	---	MA LYNN
1668	APR 03	14	---	---	42.30 71.10	---	101	---	MA BOSTON
1668	JUN 26	---	---	---	42.30 71.10	---	101	---	MA ROXBURY
1669	NOV 30	---	---	---	42.30 71.10	---	101	---	MA BOSTON
1670	---	---	---	---	42.30 71.10	---	101	---	MA BOSTON
1685	FEB 18	---	---	---	42.70 70.80	---	101	---	MA DANVERS
1701	FEB 10	---	---	---	42.60 70.90	---	101	---	MA DANVERS
1701	MAR 08	---	---	---	42.60 70.90	---	101	---	MA DANVERS
1705	JUN 27	---	---	---	42.40 71.10	79	---	4 79	MA BOSTON
1706	---	---	---	---	42.30 71.10	101	---	2 101	MA BOSTON
1721	JAN 19	---	---	---	42.30 71.10	101	---	2 101	MA BOSTON
1727	NOV 10	03	40	---	42.80 70.60	116	5.0 B	7 116	MA CAPE ANN
1727	NOV 10	04	35	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1727	NOV 10	07	15	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1727	NOV 14	22	---	---	X 42.80 70.60	116	---	4-5 116	MA CAPE ANN
1727	NOV 18	16	20	---	X 42.80 70.60	79	---	5 101	MA CAPE ANN
1727	DEC 01	---	---	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1727	DEC 16	---	---	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1727	DEC 19	15	---	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1727	DEC 29	03	30	---	X 42.80 70.60	79	---	6 101	MA CAPE ANN
1728	JAN 05	03	---	---	X 42.80 70.60	79	---	4-5 79	MA CAPE ANN
1728	FEB 05	02	30	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1728	FEB 08	11	30	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1728	FEB 10	20	30	---	X 42.80 70.60	116	---	5 116	MA CAPE ANN
1728	MAY 16	---	---	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1728	MAY 24	02	40	---	X 42.80 70.60	118	---	4 118	MA CAPE ANN
1728	MAY 29	01	---	---	X 42.80 70.60	118	---	4 118	MA CAPE ANN
1728	MAY 29	22	28	---	X 42.80 70.60	118	---	4 118	MA CAPE ANN
1728	JUL 30	15	---	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1728	AUG 02	03	15	---	X 42.80 70.60	79	---	4 79	MA CAPE ANN
1729	FEB 10	14	---	---	X 42.80 70.60	10	---	5 118	MA CAPE ANN
1729	MAR 30	19	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1729	NOV 25	13	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1729	DEC 09	01	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1730	FEB 20	01	---	---	42.80 70.60	10	---	4-5 118	MA CAPE ANN
1730	FEB 20	05	---	---	42.80 70.60	10	---	4-5 118	MA CAPE ANN
1730	MAR 09	18	45	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1730	APR 24	01	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1730	NOV 17	22	30	---	42.80 70.60	118	---	4 118	MA CAPE ANN
1730	DEC 07	01	20	---	42.80 70.60	118	---	4 118	MA CAPE ANN
1730	DEC 18	03	45	---	42.80 70.60	10	---	4 118	MA CAPE ANN
1730	DEC 22	23	45	---	42.80 70.60	10	---	4 118	MA CAPE ANN
1730	DEC 24	03	30	---	42.80 70.60	10	---	4 118	MA CAPE ANN
1730	DEC 30	02	30	---	42.80 70.60	116	---	4-5 116	MA CAPE ANN
1731	JAN 12	23	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1731	JAN 19	00	---	---	42.80 70.60	118	---	4 118	MA CAPE ANN
1731	JAN 23	05	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1731	JUL 16	---	---	---	42.80 70.60	118	---	4 118	MA CAPE ANN
1731	OCT 13	04	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1732	FEB 19	00	---	---	42.80 70.60	118	---	4-5 118	MA CAPE ANN
1734	NOV 23	06	---	---	42.80 70.60	118	---	4-5 116	MA CAPE ANN
1734	NOV 27	11	---	---	42.80 70.60	10	---	4 118	MA CAPE ANN
1736	OCT 12	06	30	---	42.80 70.60	10	---	4-5 118	MA CAPE ANN
1736	NOV 23	07	---	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1737	FEB 17	21	15	---	42.80 70.60	118	---	4-5 118	MA CAPE ANN
1737	SEP 20	15	20	---	42.80 70.60	79	---	4 79	MA CAPE ANN
1739	AUG 13	07	30	---	42.80 70.60	10	---	4-5 116	MA CAPE ANN
1740	DEC 25	11	35	---	42.80 70.60	10	---	F 10	MA CAPE ANN
1741	JAN 29	09	---	---	42.80 70.60	10	---	F 10	MA CAPE ANN
1741	FEB 05	20	50	---	42.80 70.60	10	---	F 10	MA CAPE ANN
1741	JUN 24	15	35	---	42.20 71.20	10	---	5 101	MA BOSTON
1741	DEC 17	13	---	---	42.30 71.20	101	---	4 101	MA BOSTON
1744	JUN 13	---	---	---	42.30 71.20	10	---	F 10	MA CAMBRIDGE
1744	JUN 14	15	15	---	42.50 70.90	116	4.7 B	6 116	MA CAPE ANN
1744	JUN 14	22	---	---	X 42.50 70.90	79	---	4 79	MA SALEM
1744	JUN 15	---	---	---	42.60 70.90	118	---	F 118	MA SALEM
1744	JUL 01	---	---	---	42.50 70.90	101	---	5 101	MA SALEM
1744	JUL 09	---	---	---	X 42.50 70.90	101	---	3 101	MA SALEM
1744	DEC 23	17	---	---	42.80 70.60	10	---	F 10	MA CAPE ANN
1745	JAN 03	17	---	---	42.80 70.90	101	---	3 101	MA NEWBURY
1745	JUN 12	---	---	---	42.30 71.10	118	---	F 118	MA BOSTON
1746	FEB 03	02	---	---	42.30 71.10	10	---	F 10	MA BOSTON
1746	FEB 14	02	---	---	42.30 71.10	118	---	F 118	MA BOSTON
1746	AUG 13	---	---	---	42.80 70.90	118	---	F 118	MA NEWBURY
1747	JAN 17	---	---	---	42.80 70.90	118	---	F 118	MA NEWBURY
1747	DEC 14	16	30	---	42.80 70.90	118	---	F 118	MA NEWBURY
1747	DEC 17	16	---	---	42.20 70.90	118	---	F 118	MA NEWBURY
1748	MAR 22	06	45	---	42.80 70.90	118	---	F 118	MA NEWBURY
1755	NOV 18	09	12	---	42.70 70.30	116	6.0 B	8 116	MA CAPE ANN
1755	NOV 18	10	29	---	X 42.70 70.30	79	---	4 79	MA CAPE ANN
1755	NOV 23	01	27	---	X 42.70 70.30	116	---	5 116	MA CAPE ANN
1755	DEC 20	01	15	---	X 42.70 70.30	79	---	4 79	MA CAPE ANN
1756	JAN 02	---	---	---	42.30 70.10	10	---	3 101	MA BOSTON
1756	MAR 11	15	---	---	42.80 70.90	118	---	F 118	MA NEWBURY
1756	NOV 16	09	---	---	42.30 71.10	10	---	3 101	MA BOSTON
1756	DEC 05	03	---	---	42.30 71.10	10	---	3 101	MA BOSTON
1756	DEC 19	22	---	---	42.30 71.10	118	---	F 118	MA BOSTON
1757	JUL 08	19	15	---	42.40 71.10	79	---	4 79	MA BOSTON
1758	FEB 02	---	---	---	42.30 71.10	118	---	F 118	MA BOSTON
1759	FEB 02	07	---	---	42.30 71.10	101	---	4 101	MA BOSTON
1760	FEB 03	---	---	---	42.30 71.10	10	---	2 101	MA BOSTON
1760	NOV 09	---	---	---	42.30 71.10	10	---	F 10	MA BOSTON
1761	FEB ---	---	---	---	42.30 71.10	118	---	F 118	MA BOSTON
1761	MAR 12	07	15	---	42.50 70.90	116	4.6 B	5 116	MA BOSTON
1761	MAR 16	---	---	---	42.30 71.10	101	---	F 101	MA BOSTON
1765	JAN 05	---	---	---	42.80 70.90	118	---	F 118	MA NEWBURY
1766	JAN 09	06	---	---	42.30 71.10	118	---	4-5 118	MA BOSTON
1766	FEB 02	---	---	---	42.00 68.00	101	---	6 101	MA OFF CAPE COD
1766	JUN 14	---	---	---	42.70 70.90	10	---	3 101	MA ESSEX
1768	JAN 15	---	---	---	42.80 70.90	118	---	F 118	MA NEWBURY
1768	JUN 20	---	---	---	42.80 70.90	118	---	F 118	MA NEWBURY
1769	JUL 13	06	54	---	42.80 70.90	118	---	F 118	MA NEWBURY
1770	FEB 24	---	---	---	42.80 70.90	118	---	F 118	MA NEWBURY
1771	MAR 03	---	---	---	42.60 70.90	118	---	F 118	MA SALEM

YEAR	MONTH	DATE	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	DEPTH (KM.)	REF.	MAGNITUDE	INTENSITY	LOCALITY
1780	NOV	29	--	--	--	--	42.50	70.90	---	101	---	4	MA LYNN
1785	JAN	02	07	15	---	---	42.30	71.10	---	118	---	3-4	MA DOVER
1786	JAN	09	--	--	---	---	42.80	70.90	---	118	---	F	MA CAMBRIDGE
1786	NOV	29	21	00	---	---	42.40	71.10	---	10	---	3	MA NEWBURY
1786	DEC	06	16	15	---	---	42.80	70.90	---	118	---	F	MA NEWBURY
1787	FEB	25	06	00	---	---	42.40	71.10	---	10	---	3	MA CAMBRIDGE
1792	JAN	10	--	--	---	---	42.50	70.90	---	118	---	F	MA SALEM
1800	NOV	11	--	--	---	---	42.30	71.10	---	118	---	F	MA BOSTON
1800	DEC	25	--	--	---	---	41.90	71.10	---	101	---	6	MA WAREHAM-TAUNTON
1803	JAN	18	14	50	---	---	42.50	70.90	---	101	---	4	MA SALEM
1804	FEB	08	--	--	---	---	42.50	70.90	---	118	---	F	MA SALEM
1805	APR	06	19	15	---	---	42.50	70.90	---	101	---	4	MA LYNN
1805	APR	25	18	20	---	---	42.50	70.90	---	79	---	4	MA SALEM
1805	MAY	12	16	00	---	---	42.80	70.80	---	118	---	F	MA NEWBURY
1817	SEP	07	--	--	---	---	42.50	70.90	---	101	---	3	MA LYNN
1817	OCT	05	16	45	---	---	42.50	71.20	---	101	4.0	B	MA WOBURN
1830	DEC	02	01	00	---	---	42.50	70.90	---	101	---	3	MA LYNN
1837	JAN	15	07	00	---	---	42.50	70.90	---	101	---	4	MA LYNN
1843	OCT	24	--	--	---	---	41.10	71.20	---	118	---	F	MA CANTON
1846	MAY	30	18	30	---	---	42.70	70.30	---	101	---	4	MA CAPE ANN
1846	AUG	25	09	45	---	---	42.50	70.80	---	79	5.0	B	MA MARBLEHEAD
1847	AUG	08	15	00	---	---	41.70	70.10	---	116	5.0	B	MA BREWSTER
1849	FEB	15	--	--	---	---	42.10	72.60	---	101	---	3	MA SPRINGFIELD
1849	OCT	08	--	--	---	---	42.50	71.40	---	101	---	4	MA MIDDLESEX CO.
1853	AUG	17	--	--	---	---	41.60	70.90	---	101	---	3	MA NEW BEDFORD
1853	SEP	08	04	10	---	---	41.60	70.90	---	101	---	3	MA NEW BEDFORD
1853	NOV	28	04	45	---	---	43.00	69.00	---	101	---	4	MA OFF CAPE ANN
1854	JAN	24	12	00	---	---	42.20	72.30	---	101	---	3	MA PALMER
1854	JAN	27	12	00	---	---	42.20	72.30	---	101	---	3	MA PALMER
1854	FEB	23	05	00	---	---	42.50	71.10	---	101	---	3	MA READING
1855	JAN	23	20	00	---	---	42.60	70.40	---	101	---	3	MA NEWBURY
1860	MAR	17	02	30	---	---	42.20	70.50	---	10	---	5	MA OFF PROVINCETOWN
1860	MAR	17	03	15	---	---	42.20	70.50	---	10	---	5	MA OFF PROVINCETOWN
1861	MAR	01	--	--	---	---	42.40	71.10	---	101	---	3	MA BOSTON
1862	FEB	04	12	30	---	---	42.50	71.20	---	101	---	3	MA CAMBRIDGE
1870	OCT	23	11	30	---	---	42.10	72.60	---	101	---	3	MA SPRINGFIELD
1873	JUL	16	--	--	---	---	42.30	71.80	---	101	---	2	MA WORCHESTER
1874	JAN	25	17	00	---	---	42.60	71.40	---	79	---	4	MA LOWELL
1874	NOV	24	--	--	---	---	42.70	70.90	---	101	---	4	MA SALEM-NEWBURY
1875	MAY	15	15	15	---	---	42.40	71.10	---	101	---	2	MA CAMBRIDGE
1875	NOV	01	02	18	---	---	42.40	71.10	---	101	---	2	MA CAMBRIDGE
1877	SEP	10	07	00	---	---	42.40	71.10	---	101	---	3	MA CAMBRIDGE
1880	MAY	12	12	45	---	---	42.70	71.00	---	116	---	4-5	MA BOXFORD
1881	FEB	02	09	00	---	---	42.30	70.10	---	101	---	2	MA BOSTON
1881	FEB	03	09	00	---	---	42.00	70.70	---	101	---	2	MA PLYMOUTH
1881	JUN	19	08	25	---	---	42.80	70.90	---	101	---	4	MA NEWBURYPORT
1881	DEC	16	21	00	---	---	42.30	71.10	---	101	---	3	MA DORCHESTER
1884	OCT	10	--	--	---	---	42.30	71.10	---	101	---	2	MA ROXBURY
1884	DEC	04	05	18	---	---	42.30	72.70	---	101	---	2	MA NORTHAMPTON
1888	JAN	30	--	--	---	---	41.70	71.20	---	84	---	F	MA FALL RIVER
1891	JAN	15	--	--	---	---	42.60	71.80	---	84	---	F	MA FITCHBURG
1893	MAR	14	--	--	---	---	42.35	72.66	---	79	---	4	MA LEEDS
1893	JUN	25	--	--	---	---	41.90	70.90	---	84	---	F	MA MIDDLEBORO
1893	AUG	02	--	--	---	---	41.70	70.90	---	84	---	F	MA NEW BEDFORD
1900	APR	03	--	--	---	---	41.70	70.90	---	84	---	F	MA NEW BEDFORD
1903	APR	24	12	30	---	---	42.70	71.00	---	10	---	4	MA MERRIMAC VALLEY
1907	OCT	16	00	10	---	---	42.80	71.00	---	10	---	5	MA NEWBURY
1908	FEB	05	07	00	---	---	42.30	71.20	---	101	---	3	MA NEEDHAM
1909	AUG	16	01	30	---	---	42.30	71.20	---	101	---	3	MA NEEDHAM
1910	AUG	21	18	45	---	---	42.70	71.10	---	101	---	4	MA MERRIMAC VALLEY
1911	FEB	06	11	36	---	---	42.40	71.10	---	101	---	2	MA CAMBRIDGE
1913	MAR	31	16	00	---	---	42.30	71.80	---	101	---	2	MA WORCHESTER
1914	JAN	14	00	00	---	---	42.20	71.20	---	101	---	3	MA NEEDHAM
1915	FEB	21	02	03	---	---	42.80	71.10	---	79	---	4	MA MERRIMAC VALLEY
1921	JUL	29	21	14	---	---	42.50	70.40	---	101	---	4	MA CAMBRIDGE
1923	---	---	---	---	---	---	42.80	71.00	---	101	---	2	MA GROVELAND
1925	JAN	07	13	07	---	---	42.60	70.60	---	88	4.0	B	MA CAPE ANN
1925	APR	24	07	56	---	---	41.70	70.80	---	116	---	4-5	MA WAREHAM
1925	MAY	04	17	51	---	---	42.50	70.90	---	101	---	4	MA LYNN
1925	NOV	22	05	00	---	---	41.80	71.30	---	101	---	3	MA FALL RIVER
1926	JAN	22	19	57	---	---	42.40	71.10	---	101	---	3	MA CAMBRIDGE
1926	MAR	04	21	00	---	---	42.50	70.90	---	101	---	2	MA LYNN
1926	OCT	25	01	52	---	---	42.10	71.00	---	101	---	3	MA BRUCTION
1927	AUG	20	--	--	---	---	42.30	71.00	---	101	---	4	MA QUINCY
1929	SEP	17	04	45	---	---	42.20	71.00	---	38	---	2	MA HOLBROOK
1930	MAR	27	19	30	---	---	42.10	72.70	---	65	---	3	MA W. SPRINGFIELD
1930	AUG	01	02	00	---	---	41.50	70.80	---	65	---	4	MA NEW BEDFORD
1931	MAY	04	10	17	---	---	42.40	72.50	---	66	---	3	MA AMHERST
1932	JUL	20	23	30	---	---	42.20	73.20	---	67	---	2	MA LAKE GARFIELD
1933	JAN	17	05	30	---	---	41.60	70.90	---	102	---	3	MA NEW BEDFORD
1934	AUG	02	14	58	---	---	42.60	70.20	---	79	---	4	MA CAPE ANN
1935	JAN	30	20	20	---	---	42.60	71.30	---	70	---	2	MA BILLERICA
1935	APR	24	01	24	---	---	42.20	70.20	---	79	---	4	MA OFF CAPE COD
1938	JUN	23	03	57	55.90	---	42.60	71.42	---	149	---	5	MA CHELMSFORD
1939	FEB	01	10	37	---	---	42.60	71.40	---	102	---	2	MA CHELMSFORD
1940	JAN	02	02	06	---	---	42.50	71.50	---	74	---	3	MA LITTLETON
1940	JAN	28	23	12	---	---	41.60	70.80	---	74	2.7	C	MA BUZZARDS BAY
1941	OCT	11	08	15	---	---	42.30	72.30	---	102	3.0	G	MA STURBRIDGE
1943	MAR	31	11	30	---	---	42.30	72.60	---	5	---	2	MA NORTHAMPTON
1951	MAR	31	03	50	---	---	42.20	72.20	---	102	---	4	MA PALMER
1951	SEP	21	17	23	---	---	41.30	70.10	---	10	---	3	MA NANTUCKET
1954	JUL	29	19	56	56.00	---	42.80	70.70	---	32	4.0	C	MA CAPE ANN
1956	SEP	21	17	00	---	---	41.80	71.20	---	102	---	2	MA SWANSEA
1963	OCT	16	15	30	59.70	---	42.40	70.40	---	32	3.8	C	MA MARBLEHEAD
1963	OCT	17	12	45	---	---	42.70	71.50	---	106	---	3	MA DUNSTABLE
1963	OCT	30	22	36	---	---	42.70	70.80	---	106	3.2	G	MA OFF CAPE ANN
1965	OCT	24	17	45	---	---	41.30	70.10	---	108	---	5	MA NANTUCKET
1967	MAY	15	22	47	---	---	42.30	69.80	---	122	3.2	G	MA NE. OF PROVINCETOWN
1971	OCT	21	00	54	---	---	42.70	71.20	---	116	---	5	MA LAWRENCE
1975	AUG	03	01	03	---	---	42.70	70.90	---	99	2.4	G	MA IPSWICH
1975	NOV	16	11	13	33.70	---	41.41	71.04	*	11	2.1	H	MA BUZZARDS BAY
1976	MAR	04	16	20	36.20	---	41.42	70.34	---	12	2.7	H	MA NANTUCKET SOUND
1976	MAR	14	23	12	23.80	---	41.55	69.86	---	32	3.0	H	MA S. CHATHAM
1976	MAY	10	01	34	20.50	---	41.54	71.01	---	13	2.7	H	MA NEW BEDFORD
1977	APR	06	20	31	57.80	---	41.06	70.43	---	17	2.5	H	MA S. OF MARTHA'S VINEYARD
1977	JUL	01	15	53	19.50	---	42.88	70.06	---	18	2.6	H	MA CAPE ANN
1977	DEC	20	17	44	23.80	---	41.81	70.68	---	19	3.1	H	MA WAREHAM
1977	DEC	20	22	44	44.50	---	41.81	70.78	---	19	2.0	H	MA WAREHAM
1978	AUG	06	10	49	10.60	---	42.45	71.06	---	22	1.6	H	MA WAKEFIELD
1978	AUG	06	13	01	08.80	---	42.43	71.04	---	22	1.8	H	MA WAKEFIELD
1978	SEP	01	03	33	43.60	---	42.48	71.46	---	22	2.0	H	MA BOXBOROUGH-ACTON
1978	OCT	27	23	52	26.70	---	41.51	71.01	---	23	1.9	H	MA S. OF DARTMOUTH
1979	NOV	20	06	17	32.80	---	42.22	71.04	---	27	2.2	H	MA QUINCY
1980	AUG	25	13	14	23.40	---	41.40	67.78	---	136	3.0	I	MA GEORGES BANK
1980	NOV	15	17	23	03.00	---	41.37	71.01	*	137	1.5	I	MA W. OF CUTTYHUNK ISLAND
1980	NOV	23	00	39	32.00	---	42.63	71.36	* 01.5	149	2.6	I	MA LOWELL

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE	(MM) REF.		
1766	JAN	23 10	43.70 70.30	101	---	5 101	ME PORTLAND
1766	JAN	24 ---	X 43.70 70.30	118	---	F 118	ME PORTLAND
1769	OCT	19 ---	43.70 70.30	101	---	4 101	ME PORTLAND
1769	OCT	19 17	43.70 70.30	118	---	4 118	ME PORTLAND
1802	FEB	21 07 00	44.00 69.00	118	---	F 118	ME KENNEBEC RIVER
1805	FEB	07 01 00	44.30 69.80	118	---	F 118	ME AUGUSTA
1805	JUN	12 12 30	44.50 69.00	101	---	4 101	ME BELFAST
1806	JUN	13 ---	44.00 69.90	118	---	F 118	ME KENNEBEC RIVER
1807	FEB	22 19 00	43.70 70.50	101	---	3 101	ME WINDHAM
1807	MAY	06 18 00	43.50 70.50	79	---	4 79	ME SAGO RIVER
1808	JUN	26 19 51	44.40 69.00	101	---	5 116	ME BELFAST
1814	NOV	29 00 14	43.70 70.30	116 4.0	B 4-5	116	ME WINDHAM
1821	MAY	05 12 30	44.80 68.80	116 4.0	B 5	116	ME BANGOR
1821	MAY	07 15 00	43.90 70.00	101	---	4 101	ME BRUNSWICK
1823	JUN	10 17 00	44.80 68.80	79	---	5 116	ME BANGOR
1828	JUL	25 11 00	43.90 70.00	101	---	4 101	ME BRUNSWICK
1829	AUG	27 02 00	43.90 70.00	101	---	3 101	ME BRUNSWICK
1829	AUG	27 02 15	43.90 70.00	101	---	3 101	ME BRUNSWICK
1829	AUG	27 21 45	44.23 69.77	79	---	4 79	ME GARDINER
1847	JAN	20 ---	44.30 68.30	101	---	3 101	ME BANGOR-CAMDEN
1847	FEB	02 ---	44.20 69.10	101	---	4 101	ME CAMDEN
1847	FEB	19 ---	44.40 69.00	101	---	3 101	ME BELFAST
1847	APR	02 02 00	43.70 70.70	118	---	F 118	ME LINGINGTON
1850	JUL	20 ---	43.70 70.30	101	---	3 101	ME PORTLAND
1851	JAN	04 04 30	44.60 69.60	79	---	4 79	ME ELLSWORTH
1853	JUN	17 ---	43.70 70.30	101	---	3 101	ME PORTLAND
1853	JUN	20 ---	43.70 70.00	101	---	3 101	ME PORTLAND
1853	JUL	17 10 30	43.50 70.20	101	---	4 101	ME PORTLAND
1853	JUL	20 ---	43.70 70.30	101	---	3 101	ME PORTLAND
1855	JAN	16 23 00	44.00 71.00	101 5.0	B 5	79	ME OTISFIELD
1855	JAN	17 00 20	X 44.00 71.00	101	---	4 101	ME OTISFIELD
1855	JAN	19 16 00	43.70 70.30	101	---	3 101	ME PORTLAND
1855	JAN	20 01 00	43.70 70.30	101	---	3 101	ME PORTLAND
1855	FEB	19 ---	44.60 69.60	79	---	4 79	ME ELLSWORTH
1855	FEB	23 10 30	44.60 69.60	101	---	3 101	ME BELFAST
1857	DEC	08 20 00	46.70 68.00	79	---	4 79	ME PRESQUE ISLE
1857	DEC	23 18 30	44.10 70.20	79 4.0	B 6	116	ME LEWISTON
1857	DEC	28 ---	X 44.10 70.20	101	---	4 101	ME LEWISTON
1868	MAR	01 ---	44.30 69.70	101	---	3 101	ME AUGUSTA
1870	FEB	08 ---	44.10 69.80	79	---	4 79	ME GARDINER
1873	JAN	11 10 00	43.90 70.00	101	---	3 101	ME BRUNSWICK
1873	FEB	22 12 30	44.90 67.00	101	---	3 101	ME EASTPORT
1873	APR	17 06 00	44.50 69.70	101	---	3 101	ME WATERVILLE
1873	NOV	13 ---	44.80 68.80	101	---	3 101	ME BANGOR
1874	FEB	12 11 30	43.50 70.50	101	---	2 101	ME SAGO
1874	FEB	28 03 35	45.20 67.30	79	---	5 79	ME CALAIS
1876	JAN	16 05 00	44.50 69.50	101	---	3 101	ME CHINA
1876	NOV	20 ---	44.90 67.00	101	---	2 101	ME EASTPORT
1877	FEB	18 19 20	43.70 70.30	101	---	3 101	ME PORTLAND
1880	MAR	29 ---	43.40 70.70	101	---	3 101	ME SANFORD
1880	APR	03 07 00	46.80 67.90	101	---	3 101	ME FT. FAIRFIELD
1881	JAN	21 02 40	44.00 70.00	10	---	4-5 101	ME BATH
1881	FEB	27 03 55	44.30 69.80	101	---	3 101	ME AUGUSTA
1881	AUG	01 02 45	44.80 68.80	101	---	3 101	ME BANGOR
1883	JAN	01 07 58	44.60 67.70	101	---	4 101	ME ADDISON
1883	JAN	01 13 28	X 44.60 67.70	101	---	2 101	ME ADDISON
1885	MAY	03 14 00	45.20 69.20	10	---	3 101	ME DOVER
1888	FEB	01 16 20	44.70 70.10	101	---	4 101	ME INDUSTRY
1888	AUG	15 01 15	44.30 70.00	79	---	4 79	ME WAYNE
1896	MAR	23 00 56	45.20 67.20	10	---	4 10	ME CALAIS
1897	SEP	25 18 05	44.70 68.70	116 4.0	B 5	116	ME ELLSWORTH
1898	SEP	17 15 54	44.30 69.10	10	---	4 101	ME BELFAST
1899	OCT	05 11 30	44.00 69.50	79	---	4 79	ME WISCASSET
1904	MAR	21 06 04	45.00 67.50	89	---	7 89	ME EASTPORT
1905	JUL	15 10 10	44.20 70.00	116	---	5-6 116	ME SABBATUS
1906	OCT	19 ---	43.50 70.50	79	---	4 79	ME SAGO
1906	OCT	20 14 15	43.50 70.50	79	---	4 79	ME SAGO
1907	JUN	29 ---	43.50 70.50	10	---	3 10	ME BIDDEFORD
1910	JAN	23 01 15	43.80 70.40	10	---	4 79	ME WINDHAM
1910	OCT	20 21 50	44.30 68.80	101	---	4 101	ME PENOBSCOT BAY
1912	MAR	20 12 00	45.10 67.40	101	---	3 101	ME CALAIS
1912	DEC	11 10 15	45.00 68.00	10	---	6 101	ME EASTPORT
1914	JAN	13 08 00	45.20 67.30	79	---	5 101	ME CALAIS
1914	FEB	22 00 15	45.00 70.50	10	---	5 101	ME RANGELEY LAKE
1914	FEB	22 00 20	45.00 70.50	101	---	5 101	ME RANGELEY LAKE
1914	FEB	22 00 35	45.00 70.50	101	---	5 101	ME RANGELEY LAKE
1918	JAN	14 07 20	45.00 67.30	101	---	4 101	ME EASTPORT
1918	AUG	21 05 15	44.20 70.50	116	---	6 116	ME BRIDGE TON-NORWAY
1918	DEC	12 03 30	44.80 68.80	101	---	4 101	ME BANGOR
1919	JUL	11 01 40	43.90 70.00	101	---	4 101	ME BRUNSWICK
1919	JUL	23 11 50	43.70 70.30	101	---	4 101	ME PORTLAND
1920	JUN	07 08 00	43.50 70.50	101	---	4 101	ME SAGO
1920	NOV	09 00 40	45.00 67.10	101	---	4 101	ME EASTPORT
1921	OCT	10 13 00	44.80 67.00	101	---	4 101	ME EASTPORT
1922	SEP	09 06 00	45.00 67.10	101	---	3 101	ME N. PERRY
1925	OCT	18 21 30	44.10 70.20	101	---	4 101	ME LEWISTON
1926	MAY	15 11 00	43.70 70.20	101	---	3 101	ME PORTLAND
1926	MAY	26 00 00	44.90 68.70	101	---	3 101	ME ORONO
1926	AUG	28 21 30	44.80 70.40	79	---	5 101	ME FARMINGTON
1926	NOV	24 19 30	45.00 67.50	101	---	4 101	ME CALAIS
1926	JAN	21 05 30	45.30 69.00	102	---	4 102	ME MILO
1928	FEB	08 ---	45.30 69.00	37	---	6 102	ME MILO
1928	FEB	09 ---	X 45.30 69.00	102	---	4 102	ME MILO
1928	FEB	17 05 29	45.20 69.20	37	---	3 102	ME DOVER-FOXCROFT
1928	MAR	22 13 30	45.30 69.00	37	---	4 102	ME MILO
1928	MAR	28 ---	45.30 69.00	37	---	4 102	ME MILO
1928	MAR	29 ---	X 45.30 69.00	37	---	3 102	ME MILO
1928	AUG	30 09 10	44.30 68.60	37	---	2 102	ME BROOKLIN
1928	NOV	20 02 30	45.00 67.20	37	---	4 102	ME NW OF EASTPORT
1928	DEC	12 19 07	44.60 69.60	37	---	2 102	ME WATERVILLE
1928	DEC	25 02 00	46.20 67.90	37	---	2 102	ME NEW LIMERICK
1929	FEB	05 19 09	44.00 70.30	38	---	4-5 102	ME AUBURN
1929	OCT	08 12 20	45.20 67.30	38	---	2 102	ME CALAIS
1929	OCT	09 00 30	44.00 70.20	38	---	3 102	ME LEWISTON
1929	DEC	05 15 00	44.50 69.50	38	---	3 102	ME WATERVILLE
1929	DEC	05 15 00	44.80 69.70	38	---	2 102	ME SKOWHEGAN
1930	MAR	11 23 30	44.00 70.00	65	---	2 102	ME TOPSHAM
1930	NOV	13 06 00	45.00 69.20	65	---	2 102	ME CORINNA
1930	DEC	25 P. M.	44.50 69.60	65	---	F 65	ME WATERVILLE
1934	AUG	02 14 59	43.70 70.30	69	---	4 69	ME PORTLAND

YEAR	DATE	ORIGIN	TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR.	MIN.	SEC.	N. LAT. W. LONG.	(KM.)	VAL. TYPE (MM) REF.	
1934	AUG 02	17	50	-----	X 43.70 70.30	69	---	ME PORTLAND
1934	AUG 03	02	30	-----	X 43.70 70.30	69	---	ME PORTLAND
1934	AUG 26	11	36	-----	44.90 77.00	69	---	ME EASTPORT
1935	JAN 15	01	15	-----	44.10 70.20	70	---	ME LEWISTON
1935	MAR 04	02	40	-----	44.90 77.00	70	---	ME EASTPORT
1937	OCT 12	06	00	-----	43.30 70.50	72	---	ME KENNEBUNKPORT
1938	AUG 22	12	48	-----	44.90 68.80	32 4.0	B 4	ME BANGOR
1940	MAR 28	11	43	-----	44.70 69.90	74	3.8	ME STARK
1941	JUL 01	16	59	-----	43.40 70.20	102 2.0	G	ME OFF KENNEBUNKPORT
1941	AUG 30	15	22	-----	46.10 67.90	75	3.7	ME HOULTON
1942	MAR 08	23	38	-----	44.20 70.40	4	---	ME LEWISTON
1943	JAN 14	21	32	37.30	45.20 69.30	32 4.3	C	ME DOVER-FOXCROFT
1943	FEB 10	09	45	-----	43.70 70.30	5	---	ME PORTLAND
1943	JUN 11	---	---	-----	44.50 68.50	102	---	ME ELLSWORTH
1943	DEC 09	09	10	-----	44.60 69.60	102	---	ME WATERVILLE
1945	JUL 15	10	45	-----	44.90 67.00	7	---	ME EASTPORT
1945	AUG 28	01	37	-----	44.90 67.00	7	---	ME EASTPORT
1947	DEC 28	19	58	-----	45.20 69.20	10 4.0	B 5	ME DOVER-FOXCROFT
1948	JAN 06	20	46	-----	45.40 69.30	102 4.0	G	ME DOVER-FOXCROFT
1948	JAN 07	21	20	-----	X 45.40 69.30	102	---	ME DOVER-FOXCROFT
1948	NOV 21	15	41	-----	44.90 67.00	102	---	ME EASTPORT
1948	NOV 29	04	56	-----	45.20 69.20	10	---	ME DOVER-FOXCROFT
1949	OCT 05	07	33	47.80	44.80 70.60	32 4.4	C	ME HOUGHTON
1951	OCT 28	12	58	-----	44.30 70.50	10	---	ME S. PARIS
1952	FEB 18	20	56	-----	46.30 69.40	102 3.3	G	ME EAGLE LAKE
1957	APR 26	11	40	08.60	43.50 70.30	32 4.7	C	ME PORTLAND
1958	SEP 19	17	45	-----	43.60 70.20	79	---	ME CAPE ELIZABETH
1961	DEC 14	01	49	-----	43.80 67.80	62 3.9	G	ME OFF SE. COAST
1962	DEC 01	21	29	-----	45.60 69.10	63 3.0	G	ME DOVER-FOXCROFT
1966	JUL 24	01	59	-----	44.40 67.70	121 3.6	G	ME JONESPORT
1967	MAR 02	05	10	-----	44.70 67.60	122 0.7	G	ME W. OF MACHIAS
1967	MAR 11	23	39	-----	45.10 67.20	122 2.3	G	ME CALAIS
1967	APR 28	17	23	-----	46.30 67.90	110 2.5	G	ME MONTICELLO
1967	JUL 01	14	09	-----	X 44.40 69.90	110 3.2	G	ME AUGUSTA
1967	JUL 01	15	33	-----	X 44.40 69.90	110	---	ME AUGUSTA
1967	JUL 01	15	55	-----	X 44.40 69.90	110	---	ME AUGUSTA
1967	JUL 01	16	00	-----	X 44.40 69.90	110	---	ME AUGUSTA
1967	JUL 01	16	05	39.60	44.35 69.81	32 3.4	C	ME AUGUSTA
1967	JUL 01	16	11	-----	X 44.40 69.90	110	---	ME AUGUSTA
1967	JUL 01	16	19	-----	X 44.40 69.90	110	---	ME AUGUSTA
1968	SEP 23	15	38	-----	45.20 69.50	123 3.3	G	ME DOVER-FOXCROFT
1973	MAR 25	01	49	-----	45.30 69.10	128 2.8	G	ME N. OF MILO
1973	JUN 15	01	09	05.10	45.40 71.02	117 4.9	H	ME NEAR NH-QUEBEC BORDER
1973	NOV 27	07	29	-----	46.80 68.40	128 2.0	G	ME SW. OF CARIBOU
1975	JUN 21	06	15	-----	46.10 69.40	130 2.2	G	ME NW. OF MT. KATAHDIN
1975	OCT 10	04	54	27.30	44.22 70.16	11 1.9	H	ME SABBATUS
1975	OCT 10	04	59	01.30	44.08 70.17 *	11 2.2	H	ME SABBATUS
1975	NOV 16	12	03	14.70	46.89 69.68	11	---	ME NEAR QUEBEC BORDER
1975	DEC 31	20	09	59.70	44.43 67.88 *	11 1.9	H	ME PETIT MANAN PT.
1976	FEB 05	08	02	52.60	43.97 70.17 *	12 2.3	H	ME LEWISTON
1976	APR 15	10	36	04.08	44.24 70.14	13 2.4	H	ME N. OF LEWISTON
1976	JUL 28	02	04	34.80	43.16 70.24	14 2.3	H	ME OFF SW. COAST
1976	OCT 05	08	23	04.50	45.19 69.15	15 1.7	H	ME DOVER-FOXCROFT
1976	OCT 06	11	08	54.20	45.62 69.09	15 2.1	H	ME MILLINOCKET
1976	DEC 14	12	23	35.40	47.10 69.13 *	15	---	ME DICKEY
1976	DEC 16	17	26	12.40	47.12 69.17 *	15	---	ME DICKEY
1977	SEP 08	23	59	16.00	43.56 70.69	18 1.8	H	ME LITTLE OSSISPEE POND
1977	OCT 02	05	51	12.00	45.18 69.12 *	132 2.5	H	ME DOVER-FOXCROFT
1977	NOV 25	05	13	16.00	45.34 68.03	19 2.6	H	ME S. SPRINGFIELD
1977	DEC 20	02	17	28.00	44.51 69.59	19 1.9	H	ME CHINA LAKE
1978	JAN 03	01	43	53.40	43.93 67.58	20 2.5	H	ME OFF SE. COAST
1978	JAN 04	19	28	10.80	44.04 70.51	20 3.2	H	ME OTISFIELD
1978	JAN 04	19	28	53.50	43.93 70.57	20 2.4	H	ME OTISFIELD
1978	JAN 05	08	20	19.90	44.45 67.13	20 1.9	H	ME OFF SE. COAST
1978	JAN 05	08	22	29.90	44.53 67.10	20 2.0	H	ME OFF SE. COAST
1978	JAN 24	19	06	12.90	44.61 68.32 *	20 2.0	H	ME ELLSWORTH
1978	JAN 24	19	09	17.70	44.74 68.26 *	20 1.2	H	ME ELLSWORTH
1978	FEB 15	14	49	55.50	45.22 69.11 *	20 2.0	H	ME DOVER-FOXCROFT
1978	FEB 21	07	29	47.10	46.83 68.62	19 2.4	H	ME N. OF PORTAGE
1978	MAR 09	19	09	48.30	45.15 67.17 *	20 1.6	H	ME SE. OF CALAIS
1978	MAR 15	19	13	57.10	45.15 67.25	20 1.9	H	ME SE. OF CALAIS
1978	APR 14	16	13	33.50	44.65 69.04	21 1.8	H	ME MONROE
1978	APR 28	13	27	23.20	45.13 67.02	21 1.5	H	ME PASSAMAQUODDY BAY
1978	MAY 16	19	40	26.10	44.39 70.23	21 2.5	H	ME LIVERMORE
1978	AUG 08	15	36	54.00	44.87 67.48	22 1.8	H	ME S. OF COOPER
1978	SEP 23	16	47	49.40	45.30 70.86	22 1.9	H	ME W. OF SNOW MOUNTAIN
1978	SEP 24	01	00	42.60	44.99 70.41	22 2.2	H	ME NE. OF DALLAS
1978	OCT 04	17	18	18.60	45.19 69.15 *	23 1.7	H	ME DOVER-FOXCROFT
1978	OCT 29	23	59	42.80	43.94 70.40	23 2.5	H	ME CRESCENT LAKE
1978	OCT 30	06	32	13.50	43.97 70.41	23 1.6	H	ME CRESCENT LAKE
1978	OCT 31	03	16	47.60	44.00 70.43	23 1.9	H	ME CRESCENT LAKE
1978	OCT 31	04	49	28.90	43.99 70.42	23 2.0	H	ME CRESCENT LAKE
1978	DEC 04	02	05	01.60	44.76 69.79	23 1.6	H	ME BLUE MOUNTAIN
1978	DEC 20	04	39	01.70	45.04 69.48	23 2.2	H	ME W. OF DEXTER
1979	FEB 01	23	07	56.50	45.75 69.17	24 1.9	H	ME NAHMAKANTA LAKE
1979	FEB 21	06	34	04.20	44.09 70.18 *	23 1.9	H	ME LEWISTON
1979	APR 18	02	34	14.40	43.95 69.75	25 4.0	I	ME BATH
1979	JUL 28	23	29	12.30	43.29 70.44	26 3.5	H	ME S. OF KENNEBUNKPORT
1979	AUG 24	07	21	01.00	44.44 70.10	26 2.4	I	ME WAYNE
1979	SEP 14	07	48	45.00	45.71 69.07	26 2.1	H	ME S. OF MT. KATAHDIN
1979	SEP 22	03	03	19.60	44.69 70.05 *	26 2.1	H	ME E. OF FARMINGTON
1979	SEP 24	13	41	47.40	45.01 67.06	26 1.8	H	ME PASSAMAQUODDY BAY
1979	SEP 27	20	45	59.30	44.69 68.35	26 2.2	H	ME NE. OF ELLSWORTH
1979	NOV 13	00	27	52.80	44.39 70.33	27 2.1	H	ME SE. OF CANTON
1980	JAN 14	05	57	43.80	43.82 68.09 *	112 2.8	I	ME OFFSHORE S. OF MT. DESERT
1980	JAN 24	00	32	03.20	45.57 69.08	112 1.9	I	ME SW. OF MT. KATAHDIN
1980	JAN 26	15	33	40.30	44.30 68.66	112 2.2	I	ME NE. OF DEER ISLAND
1980	FEB 09	13	11	36.60	43.56 70.76	112 2.6	I	ME W. OF BIDEFORD
1980	FEB 25	05	18	51.00	44.27 70.54 *	112 2.0	I	ME N. OF PENNESSEEWASSEE LAK
1980	APR 10	15	36	43.80	44.71 68.36 *	113 3.2	I	ME NE. OF GRAHAM LAKE
1980	APR 21	13	39	57.50	44.72 68.36	113 2.7	I	ME NORTHERN GRAHAM LAKE
1980	MAY 04	08	56	13.10	44.29 69.61 *	113 2.8	I	ME SE. OF AUGUSTA
1980	MAY 07	09	06	48.18	44.72 68.38	113 1.9	I	ME GRAHAM LAKE
1980	MAY 10	12	44	48.30	45.23 69.10	113 2.3	I	ME MILO
1980	MAY 14	23	15	45.60	44.30 70.72	113 2.1	I	ME E. OF SPECKLED MT.
1980	MAY 27	18	02	24.50	46.77 69.10 *	113 1.6	I	ME E. OF ROUND POND
1980	JUN 25	03	06	43.70	45.04 69.41	113 1.6	I	ME NE. OF CAMBRIDGE
1980	JUL 04	11	56	19.00	44.45 69.86	136 2.4	I	ME NW. OF AUGUSTA
1980	JUL 07	22	37	32.60	45.16 69.46	136 2.1	I	ME DOVER-FOXCROFT
1980	JUL 12	07	54	32.80	44.12 70.51 *	136 2.0	I	ME W. OF AUBURN
1980	JUL 12	15	03	25.90	44.69 68.84 *	136 2.0	I	ME S. OF BANGOR
1980	JUL 17	05	01	24.60	44.83 67.40	136 1.7	I	ME N. OF MACHIAS
1980	JUL 25	09	07	16.50	44.36 68.47	136 1.7	I	ME E. OF PENOBSCOT BAY

DATE			ORIGIN TIME (GMT)			EPICENTER			DEPTH	MAGNITUDE			INTENSITY		LOCALITY
YEAR	MONTH	DAY	HR.	MIN.	SEC.	N.	LAT.	W. LONG.	(KM.)	REF.	VAL.	TYPE	(MM)	REF.	
1980	JUL	25	09	07	16.50	44.36	68.47	----	136	1.7	I	----	----	ME E. OF PENOBSCOT BAY 11	
1980	AUG	31	06	23	41.30	44.39	69.46	----	136	2.7	I	----	----	ME E. OF CHINA LAKE	
1980	AUG	31	08	34	56.00	44.41	69.44	----	136	2.8	I	----	----	ME E. OF CHINA LAKE	
1980	SEP	04	06	55	07.90	44.29	69.53	----	136	2.6	I	----	----	ME SE. OF CHINA LAKE	
1980	SEP	08	05	59	54.90	44.68	69.00	----	136	3.2	I	F	136	ME NE. OF DIXMONT	
1980	SEP	29	14	59	57.20	46.24	69.40	----	136	1.6	I	----	----	ME SW. OF EAGLE LAKE	
1980	NOV	21	04	09	23.00	45.15	70.86	----	137	2.8	I	----	----	ME NE. OF RUMP MT	
1980	NOV	22	21	28	23.20	45.22	69.16	----	137	2.4	I	F	137	ME SW. OF MILO	

D. EARTHQUAKES IN NEW HAMPSHIRE, UNITED STATES

YEAR	DATE			ORIGIN TIME (GMT)			EPICENTER			DEPTH (KM.)	MAGNITUDE		INTENSITY		LOCALITY
	MONTH	DAY	HR.	MIN.	SEC.	N.	LAT.	W. LONG.	REF.		VAL.	TYPE	(MM)	REF.	
1728	JAN	12	---	---	---	---	43.60	71.70	---	101	---	---	3	101	NH NEW HAMPTON
1747	AUG	25	---	---	---	---	43.20	70.90	---	101	---	---	3	101	NH DOVER
1751	JUL	21	---	---	---	---	43.20	70.90	---	101	---	---	3	101	NH DOVER
1761	NOV	02	01	---	---	---	43.10	71.50	---	10	---	---	4	79	NH S. OF CONCORD
1766	DEC	17	11	48	---	---	43.10	70.80	---	101	---	---	4	101	NH PORTSMOUTH
1772	AUG	15	---	---	---	---	44.40	71.10	---	118	---	F	118	---	NH SHELburne
1777	SEP	14	---	---	---	---	43.00	71.50	---	118	---	F	118	---	NH MANCHESTER
1800	DEC	20	---	---	---	---	43.70	72.30	---	79	---	---	4	79	NH NW. OF NEWPORT
1801	MAR	01	20	30	---	---	43.10	70.80	---	79	---	---	4	79	NH PORTSMOUTH
1801	MAR	18	07	00	---	---	43.10	70.80	---	118	---	F	118	---	NH PORTSMOUTH
1807	JAN	12	---	---	---	---	43.00	70.90	---	118	---	F	118	---	NH NORTH HAMPTON
1807	JAN	14	04	00	---	---	43.00	71.00	---	79	---	---	4	79	NH EXETER
1810	NOV	10	02	15	---	---	43.00	70.80	---	116	4.0	B	5	116	NH PORTSMOUTH
1823	JUL	23	11	55	---	---	42.90	70.60	---	116	4.0	B	4-5	116	NH OFF HAMPTON
1829	JAN	01	---	---	---	---	43.10	70.80	---	101	---	---	4	101	NH PORTSMOUTH
1845	NOV	---	---	---	---	---	43.60	72.30	---	101	---	---	4	101	NH LEBANON
1846	JUL	10	---	---	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1846	SEP	12	23	30	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1846	OCT	30	02	00	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1846	OCT	31	---	---	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1846	NOV	13	00	40	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1846	DEC	02	---	---	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1847	FEB	02	---	---	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1847	FEB	14	---	---	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1847	FEB	21	---	---	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1851	OCT	12	02	30	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1852	JUN	30	---	---	---	---	43.40	72.30	---	101	---	---	3	101	NH CLAREMONT
1852	AUG	11	---	---	---	---	43.10	71.30	---	101	---	---	3	101	NH DEERFIELD
1852	NOV	28	04	45	---	---	43.00	70.90	---	116	---	---	5	79	NH EXETER
1853	NOV	21	---	---	---	---	43.00	71.90	---	101	---	---	3	101	NH ANTRIM
1853	NOV	28	---	---	---	---	43.00	71.90	---	101	---	---	4	101	NH ANTRIM
1854	OCT	01	---	---	---	---	42.90	72.30	---	84	---	F	84	---	NH KEENE
1854	OCT	25	03	00	---	---	42.90	72.30	---	101	---	---	4	101	NH KEENE
1854	DEC	11	15	30	---	---	43.00	70.80	---	10	---	4-5	116	---	NH NORTH HAMPTON
1855	MAY	29	10	00	---	---	44.70	71.60	---	101	---	---	4	101	NH COOS CO.
1871	JUL	20	---	---	---	---	43.20	71.50	---	79	---	---	4	79	NH CONCORD
1872	NOV	18	19	00	---	---	43.20	71.60	---	10	---	4-5	79	---	NH CONCORD
1873	OCT	05	07	30	---	---	42.90	71.30	---	101	---	---	3	101	NH DERRY
1874	JAN	06	---	---	---	---	43.60	71.20	---	101	---	---	2	101	NH WOLFEBORO
1874	JAN	26	07	00	---	---	43.00	71.50	---	101	---	---	4	101	NH MANCHESTER
1874	JAN	26	10	00	---	X	43.00	71.50	---	101	---	---	3	101	NH MANCHESTER
1875	MAY	06	---	---	---	---	43.60	71.20	---	101	---	---	2	101	NH WOLFEBORO
1875	DEC	01	09	00	---	---	42.90	72.30	---	101	---	---	4	79	NH KEENE
1875	DEC	01	11	00	---	X	42.90	72.30	---	101	---	---	2	101	NH KEENE
1877	APR	23	16	00	---	---	43.00	71.30	---	101	---	---	2	101	NH AUBURN
1879	OCT	26	03	30	---	---	43.00	71.50	---	79	---	---	4	101	NH MANCHESTER
1879	NOV	03	12	15	---	---	43.20	71.70	---	101	---	---	2	101	NH CONTOOCCOOK
1880	JUL	13	04	00	---	---	43.20	71.60	---	101	---	---	2	101	NH CONCORD
1880	JUL	21	00	00	---	---	43.00	71.50	---	79	---	---	4	79	NH MANCHESTER
1880	AUG	21	---	---	---	---	43.20	71.10	---	101	---	---	2	101	NH BARRINGTON
1881	FEB	04	---	---	---	---	43.00	70.80	---	101	---	---	2	101	NH GREENLAND
1881	FEB	12	---	---	---	---	43.00	70.80	---	101	---	---	2	101	NH PORTSMOUTH
1881	APR	03	09	25	---	---	43.00	71.90	---	101	---	---	3	101	NH ANTRIM
1881	MAY	18	05	20	---	---	43.20	71.70	---	101	---	---	3	101	NH CONTOOCCOOK
1881	MAY	18	08	30	---	---	43.20	71.70	---	101	---	---	3	101	NH CONTOOCCOOK
1881	AUG	13	---	---	---	---	43.20	71.70	---	101	---	---	3	101	NH CONTOOCCOOK
1881	OCT	06	05	03	---	---	43.20	71.60	---	101	---	---	3	101	NH BRISTOL
1881	OCT	31	06	40	---	---	43.20	71.70	---	101	---	---	2	101	NH CONTOOCCOOK
1882	APR	17	19	00	---	---	43.20	71.70	---	101	---	---	4	101	NH HOPKINTON
1882	MAY	08	09	00	---	---	43.20	71.60	---	101	---	---	3	101	NH CONCORD
1882	DEC	19	22	20	---	---	43.20	71.40	---	10	---	---	4	10	NH CONCORD
1883	FEB	04	20	05	---	---	43.60	71.20	---	101	---	---	2	101	NH WOLFEBORO
1884	JAN	18	07	00	---	---	43.20	71.70	---	101	---	---	4	101	NH CONTOOCCOOK
1884	OCT	27	01	00	---	---	42.80	71.40	---	101	---	---	2	101	NH NASHUA
1884	NOV	13	00	50	---	---	43.20	71.60	---	101	---	---	2	101	NH CONCORD
1884	NOV	23	05	30	---	---	43.20	71.70	---	10	4.0	B	5-6	101	NH CONCORD
1884	DEC	17	07	00	---	---	43.70	71.50	---	101	---	---	3	101	NH CENTER HARBOR
1885	JAN	03	07	00	---	---	43.50	71.50	---	10	---	---	2	101	NH LACONIA
1885	MAR	18	17	00	---	---	43.20	71.70	---	101	---	---	2	101	NH CONTOOCCOOK
1886	JAN	06	00	10	---	---	42.90	71.50	---	79	---	---	4	79	NH MERRIMACK
1886	JAN	17	22	14	---	---	42.80	71.40	---	79	---	---	4	79	NH NASHUA
1887	JUL	01	02	00	---	---	43.20	71.53	---	79	---	---	4	79	NH CONCORD
1889	MAR	08	---	---	---	---	43.50	71.60	---	79	---	---	4	79	NH FRANKLIN
1891	MAY	02	00	10	---	---	43.20	71.60	---	10	4.0	B	5	10	NH NEAR CONCORD
1891	MAY	30	00	00	---	---	43.10	71.50	---	101	---	---	4	101	NH NEAR CONCORD
1892	DEC	11	16	30	---	---	44.30	71.70	---	79	---	---	4	79	NH BETHLEHEM
1893	JUL	02	---	---	---	---	42.90	72.10	---	84	---	F	84	---	NH DUBLIN
1896	OCT	22	10	30	---	---	44.30	71.80	---	79	---	---	4	79	NH BETHLEHEM
1897	JUL	01	09	20	---	---	43.70	71.60	---	101	---	---	4	101	NH MEREDITH
1905	MAR	05	02	25	---	---	43.60	72.30	---	116	---	4-5	116	---	NH LEBANON
1905	AUG	30	10	40	---	---	43.10	70.70	---	116	---	---	5	116	NH ROCKINGHAM CO.
1908	NOV	23	13	00	---	---	43.50	71.70	---	79	---	---	4	79	NH FRANKLIN
1910	AUG	30	14	30	---	---	43.40	72.10	---	10	---	---	4	10	NH LAKE SUNAPEE
1911	MAR	02	21	30	---	---	43.20	71.50	---	79	---	---	4	79	NH CONCORD
1920	MAY	23	08	00	---	---	43.10	71.50	---	101	---	---	4	101	NH CONCORD
1922	MAY	07	22	40	---	---	43.40	71.40	---	101	---	---	4	101	NH PITTSFIELD
1925	MAR	09	---	---	---	---	42.90	71.50	---	101	---	---	4	101	NH GOFF'S FALLS
1925	OCT	09	14	00	---	---	43.70	73.10	---	79	---	---	6	116	NH OSSISPEE
1926	MAR	18	21	09	---	---	42.80	71.80	---	116	---	---	5	116	NH NEW IPSWICH
1927	MAR	09	04	08	---	---	43.30	71.40	---	10	---	4-5	116	---	NH CONCORD

YEAR	DATE	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	DEPTH (KM.)	REF.	MAGNITUDE VAL.	INTENSITY TYPE	LOCALITY	
1928	APR	25	23	38	---	---	44.50	71.20	---	37	4.0	B	5 102	NH BERLIN
1928	APR	28	22	07	---	---	43.20	71.50	---	37	---	---	4 102	NH CONCORD
1928	MAY	22	00	24	---	---	43.20	71.50	---	37	---	---	2 102	NH CONCORD
1928	MAY	26	---	---	---	---	43.20	71.70	---	37	---	---	2 102	NH CONTOOCOOK
1928	OCT	15	---	---	---	---	45.10	71.40	---	37	---	---	2 102	NH PITTSBURG
1928	OCT	17	00	30	---	---	42.80	71.60	---	37	---	---	3 102	NH WILTON
1928	NOV	05	04	00	---	---	43.30	71.30	---	37	---	---	2 102	NH ROCHESTER
1928	DEC	01	---	---	---	---	43.30	71.00	---	37	---	---	2 102	NH ROCHESTER
1929	JAN	13	---	---	---	---	43.30	71.00	---	38	---	---	2 102	NH ROCHESTER
1929	JAN	15	02	45	---	---	43.30	71.00	---	38	---	---	3 102	NH ROCHESTER
1929	FEB	05	17	10	---	---	43.30	71.70	---	38	---	---	2 102	NH WEARE
1930	FEB	14	06	15	---	---	43.40	71.70	---	65	---	3-4	102	NH FRANKLIN
1930	MAR	19	00	15	---	---	43.30	71.60	---	65	---	---	4 102	NH CONCORD
1932	OCT	15	03	10	---	---	43.60	71.50	---	67	---	---	3 102	NH MEREDITH
1932	OCT	16	19	12	---	---	42.90	72.30	---	67	---	---	2 102	NH KEENE
1932	NOV	04	05	00	---	---	43.20	71.50	---	67	---	---	2 102	NH CONCORD
1935	SEP	13	03	49	---	---	43.20	71.50	---	70	---	F	70	NH CONCORD
1936	JUN	14	05	40	---	---	43.50	71.50	---	71	---	---	3 102	NH LACONIA
1936	JUN	15	00	49	---	---	43.80	71.40	---	102	---	---	3 102	NH CENTER SANDWICH
1936	NOV	10	02	46	---	---	43.60	71.40	---	102	---	---	5 79	NH LACONIA
1938	APR	01	22	15	---	---	43.30	71.00	---	73	---	---	3 73	NH ROCHESTER
1938	APR	03	---	---	---	---	43.30	71.00	---	102	---	---	2 102	NH ROCHESTER
1939	OCT	10	---	---	---	---	43.40	71.60	---	102	---	---	3 102	NH TILTON
1939	OCT	11	18	49	---	---	42.90	71.40	---	102	---	---	3 102	NH DERRY
1940	DEC	20	07	27	26.20	---	43.90	71.40	---	32	5.5	C	7 102	NH OSSIPEE
1940	DEC	24	13	00	---	X	43.80	71.30	---	74	---	---	F 74	NH OSSIPEE
1940	DEC	24	13	43	45.00	X	43.90	71.30	---	32	---	---	F 74	NH OSSIPEE
1940	DEC	24	14	33	---	X	43.80	71.30	---	74	2.8	C	F 74	NH OSSIPEE
1940	DEC	24	18	12	---	X	43.80	71.30	---	74	---	---	F 74	NH OSSIPEE
1940	DEC	25	05	04	---	X	43.80	71.30	---	74	3.7	C	F 74	NH OSSIPEE
1940	DEC	27	19	56	---	X	43.80	71.30	---	102	3.8	C	F 102	NH OSSIPEE
1941	JAN	02	03	43	---	X	43.80	71.30	---	74	---	---	F 74	NH OSSIPEE
1941	JAN	04	11	10	---	X	43.80	71.30	---	74	---	---	F 74	NH OSSIPEE
1941	JAN	18	23	25	---	X	43.80	71.30	---	74	---	---	F 74	NH OSSIPEE
1941	JAN	21	02	28	---	X	43.80	71.30	---	74	3.6	G	F 74	NH OSSIPEE
1941	JAN	23	00	15	---	X	43.80	71.30	---	74	2.9	C	F 74	NH OSSIPEE
1941	FEB	12	22	24	---	X	43.80	71.30	---	74	---	---	F 74	NH OSSIPEE
1943	MAR	14	14	02	---	---	43.70	71.60	---	102	3.9	G	---	NH MEREDITH
1944	MAR	06	05	46	---	---	43.20	71.60	---	6	---	---	2 102	NH CONCORD
1944	MAR	06	12	15	---	---	43.20	71.60	---	6	---	---	2 102	NH CONCORD
1944	APR	11	20	25	---	---	44.00	71.70	---	6	---	---	3 102	NH WOODSTOCK
1945	MAR	22	08	04	---	---	43.20	71.60	---	7	---	---	3 102	NH CONCORD
1949	SEP	02	05	48	---	---	43.80	71.30	---	10	---	---	3 102	NH S. TOWN
1950	FEB	24	13	04	---	---	43.00	71.80	---	102	---	---	3 102	NH SW. OF CONCORD
1952	OCT	26	09	05	---	---	43.60	71.20	---	10	---	---	2 102	NH WOLFEBORO
1953	MAY	11	06	13	---	---	44.00	71.10	---	102	---	---	4 102	NH CONWAY
1954	OCT	07	---	---	---	---	42.70	71.30	---	102	---	---	3 102	NH PELHAM
1958	NOV	21	23	30	---	---	44.00	71.70	---	102	---	---	4 102	NH WOODSTOCK
1962	DEC	29	06	19	---	---	42.80	71.70	---	79	---	---	5 79	NH NASHUA
1963	DEC	04	21	32	34.80	---	43.60	71.60	---	32	3.6	G	5 106	NH LACONIA
1964	APR	01	11	21	---	---	43.60	71.50	---	79	2.4	G	4 107	NH LACONIA
1964	JUN	26	11	04	49.00	---	43.41	71.68	---	32	3.2	D	6 107	NH CONCORD
1965	JAN	03	17	05	02.50	---	43.52	71.78	---	32	3.0	G	4 108	NH LACONIA
1966	APR	28	12	02	---	---	44.10	71.90	---	109	---	---	4 109	NH BENTON
1966	OCT	23	05	---	---	---	43.00	71.40	---	109	3.1	G	5 109	NH MANCHESTER
1967	JAN	26	04	10	---	---	44.60	70.90	---	122	2.1	G	---	NH N. OF BERLIN
1969	AUG	06	16	02	---	---	43.80	71.40	---	124	2.6	G	F 124	NH OSSIPEE
1976	JUN	12	21	00	59.00	---	44.24	71.61	---	13	2.4	H	---	NH FRANCONIA
1976	JUN	14	05	31	49.80	---	44.29	71.69	---	13	2.0	H	---	NH FRANCONIA
1976	NOV	15	15	20	32.50	---	43.56	71.62	---	15	1.5	H	---	NH LACONIA
1976	NOV	22	22	49	38.00	---	43.54	71.60	*	15	1.8	H	---	NH LACONIA
1977	DEC	25	15	35	55.80	---	43.19	71.65	---	19	3.2	H	5 145	NH HOPKINTON
1978	JAN	18	00	28	57.30	---	42.98	72.15	---	20	1.9	H	---	NH E. OF KEENE
1978	MAR	20	08	16	54.10	---	43.09	71.52	---	20	2.4	H	---	NH SW. OF MANCHESTER
1978	MAR	31	14	27	57.00	---	43.10	71.63	---	20	2.7	H	---	NH DUNBARTON
1978	JUN	21	18	31	10.00	---	43.66	71.38	---	21	1.8	H	---	NH WINNIPESAUKEE
1978	AUG	17	21	41	08.10	---	43.52	71.56	*	22	1.9	H	---	NH WINNIPESAUKEE LAKE
1978	AUG	25	20	01	30.50	---	42.87	70.83	---	22	2.3	H	2 22	NH SEABROOK
1979	JAN	01	04	13	47.40	---	43.52	71.63	---	24	1.9	H	---	NH SE. OF BRISTOL
1979	APR	23	00	05	45.70	---	43.04	71.24	---	25	3.1	H	3-4 25	NH CANA
1979	JUL	09	05	42	32.20	---	43.39	71.45	*	26	2.4	H	---	NH S. OF LANCONIA
1980	APR	01	04	48	36.40	---	43.84	71.40	---	113	2.0	I	---	NH NE. OF SQUAN LAKE
1980	APR	07	09	36	00.40	---	43.13	72.22	---	113	2.8	I	---	NH W. OF HIGHLAND LAKE
1980	MAY	21	19	22	17.90	---	43.01	72.40	---	113	1.8	I	---	NH NW. OF KEANE
1980	NOV	05	22	40	01.40	---	43.66	71.36	---	137	2.7	I	---	NH N. LAKE WINNIPESAUKEE

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YEAR	DATE			ORIGIN TIME (GMT)			EPICENTER			DEPTH (KM.)	MAGNITUDE		INTENSITY		LOCALITY
	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	REF.	VAL.		TYPE	(MM)	REF.		
1783	NOV	30	02	---	---	41.00	74.50	---	118	---	---	4	118	NJ MORRIS COUNTY	
1783	NOV	30	03	50	---	41.00	74.50	---	101	---	---	6	79	NJ MORRIS COUNTY	
1783	NOV	30	07	---	---	X 41.00	74.50	---	118	---	---	4	118	NJ MORRIS COUNTY	
1840	NOV	11	---	---	---	39.80	75.20	---	10	---	---	7	10	NJ WOODBURY	
1861	MAR	05	17	00	---	40.70	74.20	---	101	---	---	3	101	NJ NEWARK	
1877	SEP	10	14	59	---	40.30	74.90	---	79	---	---	4-5	79	NJ BURLINGTON	
1884	AUG	10	19	17	---	40.35	74.07 *	---	78	2.8	J	3-4	78	NJ RED BANK	
1884	AUG	11	14	00	---	40.35	74.07 *	---	78	2.6	J	3-4	78	NJ RED BANK	
1893	MAR	09	13	05	---	40.60	74.30	---	76	---	---	4-5	76	NJ RAHWAY	
1895	SEP	01	11	09	---	40.70	74.80	---	10	---	---	6	10	NJ HIGH BRIDGE	
1902	MAY	27	---	---	---	40.80	74.20	---	84	---	---	F	84	NJ BAYONNE-WAYNE	
1902	AUG	11	---	---	---	40.80	74.20	---	84	---	---	F	84	NJ BAYONNE-WAYNE	
1926	JAN	26	23	40	---	40.00	75.00	---	101	---	---	5	101	NJ WESTERN	
1927	JUN	01	12	20	---	40.36	74.01 *	---	78	2.9	J	5	78	NJ FAIRHAVEN	
1933	JAN	25	02	00	---	40.20	74.70	---	68	---	---	5	102	NJ TRENTON	
1937	SEP	30	22	08	---	40.80	74.30	---	72	---	---	3	102	NJ VERONA	
1938	MAY	16	19	25	---	40.80	74.30	---	102	---	---	2-3	102	NJ VERONA	
1938	AUG	23	03	36	---	40.10	74.30	---	32	3.9	C	5	102	NJ NEAR TRENTON	
1938	AUG	23	05	04	---	X 40.10	74.30	---	32	4.0	C	F	78	NJ FREEHOLD	
1938	AUG	23	07	03	---	X 40.20	74.60	---	32	3.7	C	4	102	NJ FREEHOLD	
1938	AUG	23	09	04	---	X 40.10	74.50	---	102	4.8	G	4	102	NJ NEAR TRENTON	
1938	AUG	23	13	11	---	X 40.10	74.20	---	102	---	---	3	102	NJ NEAR TRENTON	
1938	AUG	28	00	36	---	X 40.10	74.20	---	73	---	---	3	102	NJ NEAR TRENTON	
1938	DEC	06	19	38	---	40.80	74.30	---	102	---	---	3	102	NJ VERONA	
1939	SEP	13	01	22	---	40.80	74.00	---	102	---	---	2	102	NJ UNION CITY	
1943	JUL	24	05	19	---	40.00	72.70	---	102	2.5	G	---	---	NJ OFF COAST	
1947	APR	01	13	25	---	41.00	74.30	---	102	---	---	3	102	NJ POMPTON LAKES	
1953	AUG	17	04	22	---	41.00	74.00	---	102	---	---	4	10	NJ BERGEN CO.	
1957	MAR	23	19	02	---	40.60	74.80	---	102	4.8	G	6	102	NJ SCHOOLLEY'S MTN.	
1961	DEC	27	17	06	---	40.50	74.75	---	79	---	---	5	79	NJ FLEMINGTON	
1962	OCT	13	04	10	---	41.00	74.30	---	83	1.0	G	2	83	NJ POMPTON LAKE	
1962	DEC	20	04	02	---	41.00	74.30	---	83	2.0	G	---	---	NJ POMPTON LAKE	
1969	OCT	06	02	27	---	41.10	74.60	---	91	1.3	G	4	91	NJ OGDENSBURG	
1975	FEB	20	08	06	---	40.30	73.70	---	99	2.9	H	---	---	NJ SANDY HOOK	
1976	MAR	11	21	07	20.30	40.96	74.36 *	---	12	2.4	H	45	100	NJ RIVERDALE	
1976	MAR	12	10	28	56.40	40.94	74.36 *	---	12	2.2	H	---	---	NJ RIVERDALE	
1976	APR	13	15	39	13.60	40.84	74.05	---	32	3.1	H	45	100	NJ RIDGEFIELD	
1976	MAY	11	07	55	25.50	40.48	73.80	---	100	1.9	H	---	---	NJ OFF SANDY HOOK	
1976	MAY	11	13	18	14.40	40.48	73.80	---	100	2.8	H	---	---	NJ OFF SANDY HOOK	
1976	DEC	05	16	32	06.90	40.77	74.76 *	---	15	1.8	H	F	15	NJ SCHOOLLEY'S MTN.	
1976	DEC	07	04	55	39.20	40.77	74.76 *	---	15	1.7	H	---	---	NJ SCHOOLLEY'S MTN.	
1977	JAN	07	00	05	12.80	41.02	74.51 *	---	16	---	---	---	---	NJ GREEN POND	
1977	JAN	21	20	50	44.50	39.97	74.32	---	16	2.7	H	---	---	NJ LAKEHURST	
1977	JUN	10	12	48	04.80	40.70	74.89	---	17	1.1	H	---	---	NJ HIGH BRIDGE	
1977	JUL	02	11	13	21.60	40.70	74.93 *	---	18	2.3	H	---	---	NJ HAMPTON	
1977	OCT	27	09	22	---	41.07	74.59 *	---	19	1.5	H	---	---	NJ SPARTA	
1977	NOV	27	13	57	03.00	41.02	74.21 *	---	19	1.8	H	---	---	NJ OAKLAND	
1977	DEC	04	23	50	44.00	40.81	74.76	---	19	1.8	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	04	23	50	56.00	40.81	74.76	---	19	2.1	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	06	17	51	---	40.81	74.76	---	19	1.6	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	07	08	34	---	40.81	74.76	---	19	1.7	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	23	04	55	11.00	40.81	74.76	---	19	2.3	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	23	16	20	22.00	40.81	74.76	---	19	1.4	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	24	10	25	---	40.81	74.76	---	19	1.6	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	25	15	39	34.00	40.81	74.76	---	19	1.5	H	F	19	NJ SCHOOLLEY'S MTN.	
1977	DEC	26	16	54	46.00	40.81	74.76	---	13	1.7	H	F	19	NJ SCHOOLLEY'S MTN.	
1978	FEB	15	05	28	41.00	40.92	74.43 *	---	20	1.6	H	---	---	NJ BOUTON	
1978	APR	03	23	57	58.00	40.53	74.08	---	21	2.0	H	---	---	NJ OFF SANDY HOOK	
1978	MAY	18	01	29	37.90	41.02	74.34 *	---	21	1.5	H	F	21	NJ BLOOMINGDALE	
1978	JUN	16	04	59	50.60	40.99	74.57 *	---	21	---	---	---	---	NJ SPARTA	
1978	JUN	30	20	13	43.60	41.08	74.20 *	---	21	2.9	H	4-5	21	NJ BETWEEN MAHWAH & OAKLAND	
1979	JAN	30	22	39	49.70	41.08	74.20 *	---	21	2.2	H	---	---	NJ BETWEEN MAHWAH & OAKLAND	
1979	JAN	17	12	56	19.43	40.33	73.72	---	24	---	---	---	---	NJ OFF SANDY HOOK	
1979	JAN	30	16	30	32.10	40.32	74.26 *	---	26	3.5	H	4	78	NJ MARLBORO	
1979	FEB	02	02	26	13.30	40.77	74.66	---	24	1.9	H	---	---	NJ CHESTER	
1979	MAR	10	04	49	39.70	40.72	74.50	---	24	3.1	H	F	24	NJ BERNARDSVILLE	
1980	MAR	25	18	54	35.70	40.97	75.02 *	---	112	2.8	H	---	---	NJ HAINESBURG	
1980	AUG	02	17	21	59.70	40.43	74.15 *	---	136	3.1	H	---	---	NJ KEYPORT	

F. EARTHQUAKES IN NEW YORK, UNITED STATES

YEAR	DATE	ORIGIN	TIME	(GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR.	MIN.	SEC.	N. LAT. W. LONG.	(KM.)	VAL. TYPE	(MM) REF.	
1737	DEC	19	03	30	40.60 73.80	78	78	6	NY NEW YORK
1773	OCT	27	00	---	40.80 74.00	118	---	4-5	NY NEW YORK
1775	JUL	06	15	55	43.50 73.90	78	---	5	NY LAKE GEORGE
1775	JUL	06	23	51	43.50 73.90	78	---	4	NY LAKE GEORGE
1775	JUL	07	00	41	43.50 73.90	78	---	4	NY LAKE GEORGE
1783	JUL	29	---	---	40.80 74.00	118	---	4	NY NEW YORK
1796	---	---	11	00	43.10 79.00	118	---	3-4	NY NIAGARA FALLS
1836	APR	08	---	---	43.70 75.50	118	---	F	NY MARTINSBURG
1838	MAR	02	---	---	43.80 75.50	118	---	F	NY LOWVILLE
1840	JAN	16	20	00	43.00 75.00	79	---	5-6	NY HERKIMER
1847	JAN	12	04	30	42.70 73.80	78	---	3-4	NY ALBANY
1847	JUL	09	---	---	43.40 73.70	78	---	3	NY GLENS FALLS
1848	SEP	09	04	00	41.12 73.92	78	3.3 J	5	NY ROCKLAND LAKE
1852	DEC	15	21	00	43.40 78.20	101	---	3	NY CARLTON
1853	MAR	12	07	00	43.70 75.50	10	---	6	NY LOWVILLE
1855	DEC	17	19	00	43.50 73.80	78	---	4	NY WARREN CO.
1857	OCT	23	20	15	43.20 78.60	10	---	6	NY BUFFALO
1867	DEC	18	08	00	44.05 75.15	81	---	6	NY CANTON
1871	JUN	19	02	00	40.55 73.86	78	3.0 J	5	NY NEW YORK
1872	JUL	11	10	25	40.90 73.80	10	---	5	NY NEW ROCHELLE
1873	MAR	18	---	---	44.60 75.10	101	---	2	NY CANTON
1873	APR	25	19	00	44.80 74.20	101	---	5	NY MALONE
1874	JAN	05	21	00	44.70 75.50	101	---	2	NY OGDENSBURG
1874	DEC	11	03	25	41.00 73.90	78	---	6	NY TARRYTOWN
1876	JAN	08	21	30	43.20 78.70	101	---	2	NY LOCKPORT
1877	MAY	11	15	02	42.60 74.40	78	---	4	NY SCHOHARIE
1878	OCT	04	07	30	41.50 74.00	10	---	5	NY HUDSON VALLEY
1878	DEC	29	02	32	42.70 74.30	101	---	3-4	NY SCHOHARIE
1881	MAR	19	02	30	42.80 73.90	101	---	4	NY SCHENECTADY
1882	APR	02	11	30	42.90 74.20	78	---	3	NY AMSTERDAM
1882	APR	02	13	10	42.90 74.20	78	---	4	NY AMSTERDAM
1884	AUG	10	19	07	40.59 73.84	78	4.3 J	5	NY ROCKAWAY BEACH
1884	AUG	11	17	30	40.58 73.82	78	2.8 J	4-5	NY ROCKAWAY BEACH
1885	JAN	31	10	05	41.30 73.80	101	---	3	NY YORKTOWN
1886	JAN	25	---	---	41.60 73.80	79	---	4	NY HOPEWELL JCT
1887	MAR	02	21	20	40.43 73.53	78	2.7 J	4	NY FIRE ISLAND
1889	AUG	10	---	---	43.50 73.80	78	---	4	NY WARRENSBURG
1890	MAY	25	12	10	43.00 74.80	78	---	5	NY LITTLE FALLS
1893	MAR	08	05	30	40.78 73.92	76	2.5 J	5-6	NY ASTORIA
1894	DEC	17	08	00	42.48 73.80	78	---	4-5	NY COEYMAN
1897	MAY	28	03	16	44.50 73.50	101	---	6	NY S. OF PLATTSBURG
1903	DEC	25	12	30	44.70 75.50	10	---	4	NY OGDENSBURG
1910	MAR	03	---	---	44.30 74.20	101	---	3	NY SARANAC LAKE
1911	JAN	29	---	---	44.70 75.50	101	---	3	NY OGDENSBURG
1913	AUG	10	05	15	44.00 74.00	10	---	5	NY LAKE PLACID
1915	FEB	21	23	41	44.70 73.40	101	---	4	NY BEEKMANTOWN
1916	JAN	05	13	56	43.60 73.70	78	---	5	NY CHESTERTOWN
1916	FEB	03	04	25	42.80 73.90	78	---	5-6	NY MOHAWK VALLEY
1916	JUN	08	21	15	41.00 73.80	10	---	4	NY WESTCHESTER CO.
1916	NOV	02	02	30	43.40 73.60	78	---	5	NY GLENS FALLS
1917	OCT	02	10	30	43.30 73.70	78	---	3	NY GLENS FALLS
1922	DEC	08	21	24	44.40 75.10	101	---	5	NY S. OF CANTON
1925	APR	07	20	18	43.00 76.10	101	---	3	NY SYRACUSE
1926	JAN	27	---	---	44.30 74.10	101	---	4	NY SARANAC LAKE
1926	APR	12	03	30	40.90 73.90	10	---	3	NY NEW ROCHELLE
1926	MAY	12	03	30	40.90 73.90	101	---	5	NY NEW ROCHELLE
1927	MAR	12	22	12	44.60 75.20	101	---	4	NY CANTON
1927	MAR	14	14	15	44.60 75.40	101	---	4	NY CANTON
1927	MAR	29	20	30	43.00 76.10	101	---	3	NY SYRACUSE
1927	MAR	31	21	00	43.00 76.10	101	---	3	NY SYRACUSE
1927	MAR	31	21	30	43.00 76.10	101	---	3	NY SYRACUSE
1927	OCT	24	11	00	44.70 73.80	101	---	4	NY DANMORA
1928	MAR	18	15	25	44.50 74.30	79	4.1 G	5-6	NY SARANAC LAKE
1929	JUN	05	07	00	44.80 74.30	38	---	3	NY MALONE
1929	AUG	12	06	00	42.20 77.20	38	---	3	NY CORNING
1929	AUG	12	11	24	42.90 78.40	102	5.2 C	7	NY ATTICA
1929	DEC	02	22	14	42.80 78.30	38	---	5	NY ATTICA
1929	DEC	03	12	50	42.80 78.30	38	---	4	NY ATTICA
1930	JAN	04	---	---	43.10 75.30	65	---	2	NY CLINTON
1930	JAN	17	---	---	42.80 78.30	65	---	F	NY ATTICA
1930	NOV	02	02	35	44.40 74.30	65	---	3	NY MALONE
1931	APR	20	19	54	43.50 73.80	78	3.7 J	7	NY WARRENSBURG
1931	APR	22	---	---	42.90 78.90	102	---	4	NY BUFFALO
1931	MAY	04	18	43	44.80 74.30	66	---	F	NY MALONE
1931	JUN	07	00	00	43.20 77.60	66	---	2	NY ROCHESTER
1931	JUN	07	02	30	43.20 77.60	66	---	2	NY ROCHESTER
1931	NOV	03	15	30	44.60 75.20	66	---	2	NY CANTON
1932	DEC	07	03	15	44.40 74.10	67	---	F	NY GABRIELS
1932	DEC	07	04	05	44.40 74.10	67	---	4	NY GABRIELS
1932	DEC	07	16	45	44.40 74.10	67	---	3	NY GABRIELS
1933	MAY	20	19	57	44.80 74.70	68	---	3	NY LAWRENCEVILLE
1933	JUN	26	14	10	41.00 73.80	68	---	3	NY SCARSDALE
1933	OCT	29	---	---	43.00 74.70	68	---	4	NY ST. JOHNSVILLE
1934	APR	15	02	58	44.70 73.80	79	4.5 G	5-6	NY DANMORA
1934	APR	15	18	05	44.80 74.30	69	---	3	NY MALONE
1934	JUN	05	21	11	44.80 74.30	69	---	3	NY MALONE
1935	JAN	28	06	00	44.80 74.30	70	---	4	NY MALONE
1935	JAN	28	09	03	44.80 74.30	70	3.2 G	3	NY MALONE
1936	JUN	21	03	40	44.70 74.20	102	---	3	NY MOUNTAIN VIEW
1937	MAR	10	05	30	44.60 75.20	72	---	4	NY CANTON
1937	JUL	19	03	51	40.70 73.70	72	3.1 J	4	NY NEW YORK
1937	OCT	11	22	00	41.20 73.80	72	---	F	NY WESTCHESTER CO.
1937	OCT	12	01	00	41.20 73.80	72	---	2	NY WESTCHESTER CO.
1938	JUL	29	07	44	41.00 73.70	72	---	3	NY WESTCHESTER CO.
1938	AUG	23	05	18	41.20 73.70	102	---	3	NY WESTCHESTER CO.
1938	AUG	23	07	11	41.20 73.70	102	---	3	NY WESTCHESTER CO.
1938	OCT	21	07	18	41.20 73.70	102	---	2	NY DUTCHESS CO.
1938	NOV	18	22	19	44.80 75.30	73	---	4-5	NY OGDENSBURG
1939	FEB	21	---	---	44.80 74.30	3	---	2	NY MALONE
1939	FEB	24	00	20	42.90 78.30	3	---	3	NY ALEXANDER
1939	JUN	01	03	36	44.60 75.20	3	---	3	NY CANTON
1939	SEP	21	20	30	41.40 74.10	102	---	2	NY ORANGE CO.
1939	OCT	21	08	59	43.30 73.30	102	---	2	NY GLENS FALLS
1940	APR	12	01	58	42.80 74.60	102	---	2	NY S. OF ST. JOHNSVILLE
1940	APR	13	08	23	44.80 74.90	102	2.6 G	---	NY MASSENA
1940	MAY	20	01	26	44.60 75.20	74	---	2	NY CANTON
1940	SEP	26	23	30	44.70 73.50	74	2.9 G	---	NY PLATTSBURG
1941	FEB	01	18	28	44.60 75.20	74	---	2	NY CANTON
1941	APR	03	19	53	44.70 73.90	102	2.5 G	---	NY MALONE
1941	APR	04	08	10	44.70 73.90	102	3.3 G	---	NY MALONE

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MONTH	DAY	HR.	MIN.	SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE	(MM) REF.	
1941	APR	29	14	05	40.50 72.50	102 2.5 G	---	NY S. OF LONG ISLAND
1941	JUL	29	00	24	41.10 73.80	75 ---	3 102	NY WHITE PLAINS
1941	OCT	09	22	07	44.00 75.90	75 ---	2 102	NY WATERTOWN
1941	OCT	20	21	29	44.00 75.90	75 ---	2 102	NY WATERTOWN
1941	OCT	21	05	23	44.80 74.80	102 2.2 G	---	NY MALONE
1941	OCT	21	06	10	44.80 74.80	102 3.3 G	---	NY MALONE
1941	DEC	12	23	30	44.90 73.60	75 2.7 G	---	NY DANNEMORA
1942	JAN	31	04	12	44.70 73.90	102 2.7 G	---	NY DANNEMORA
1942	MAY	24	07	15	44.70 73.80	102 2.9 G	---	NY DANNEMORA
1942	MAY	24	11	33	44.70 73.80	102 3.9 G	---	NY DANNEMORA
1942	OCT	01	20	58	44.00 73.60	102 2.5 G	---	NY LAKE CHAMPLAIN
1942	OCT	02	22	29	42.60 73.80	102 3.0 G	---	NY ALBANY
1943	MAY	09	11	03	44.80 73.80	102 3.2 G	---	NY DANNEMORA
1943	OCT	15	23	00	44.60 74.20	102 2.5 G	---	NY S. OF MALONE
1944	JAN	16	10	00	43.20 77.60	6 ---	2 102	NY ROCHESTER
1944	FEB	26	20	58	42.90 78.80	---	F 6	NY BUFFALO
1944	SEP	05	04	38	45.70 45.00 74.70	32 5.1 J	8 102	NY MASSENA
1944	SEP	05	08	30	X 45.00 74.70	102 3.4 G	---	NY MASSENA
1944	SEP	05	08	51	X 45.00 74.70	32 4.5 D	---	NY MASSENA
1944	SEP	05	10	56	X 45.00 74.70	102 3.3 G	---	NY MASSENA
1944	SEP	05	11	10	X 45.00 74.70	102 2.8 G	---	NY MASSENA
1944	SEP	07	13	55	X 45.00 74.70	102 2.5 G	---	NY MASSENA
1944	SEP	08	10	11	X 45.00 74.70	102 2.5 G	---	NY MASSENA
1944	SEP	08	19	35	X 45.00 74.70	102 2.8 G	---	NY MASSENA
1944	SEP	09	23	24	X 45.10 74.70	32 4.0 D	---	NY MASSENA
1944	SEP	13	22	00	X 45.00 74.70	102 2.7 G	---	NY MASSENA
1944	SEP	24	19	30	X 45.00 74.70	102 2.0 G	---	NY MASSENA
1944	OCT	04	00	36	X 45.00 74.70	102 2.3 G	---	NY MASSENA
1944	OCT	09	01	45	X 45.00 74.70	102 2.3 G	---	NY MASSENA
1944	OCT	13	02	33	X 45.00 74.70	102 2.7 G	---	NY MASSENA
1944	OCT	31	08	42	X 45.00 74.70	6 4.0 G	---	NY MASSENA
1945	APR	15	13	15	43.00 76.40	7 ---	3 102	NY CAMILLUS
1945	APR	15	14	20	43.00 76.40	7 ---	3 102	NY CAMILLUS
1945	APR	15	15	30	43.00 76.40	7 ---	3 102	NY CAMILLUS
1945	JUL	24	01	56	X 45.00 74.70	102 2.7 G	---	NY MASSENA
1945	DEC	02	15	22	X 45.00 74.70	102 3.0 G	---	NY MASSENA
1946	FEB	13	15	10	X 45.00 74.70	102 ---	2 102	NY MASSENA
1946	MAR	16	04	20	X 45.00 74.70	102 ---	2 102	NY MASSENA
1946	MAR	20	02	01	44.30 75.90	10 ---	3 102	NY ALEXANDRIA BAY
1946	MAR	20	02	29	44.30 75.90	10 ---	2 102	NY ALEXANDRIA BAY
1946	MAR	20	03	02	44.30 75.90	10 ---	3 102	NY ALEXANDRIA BAY
1946	MAY	27	14	30	X 45.00 74.70	102 2.1 G	---	NY MASSENA
1946	JUN	20	23	09	44.40 74.20	102 ---	2 102	NY GABRIELS
1946	JUN	27	21	06	44.70 74.50	102 3.0 G	---	NY ST. REGIS FALLS
1946	SEP	04	19	29	X 45.00 74.90	102 2.3 G	F 102	NY MASSENA
1946	NOV	10	11	41	42.90 77.50	102 3.1 G	---	NY CANANDAIGUA
1946	DEC	25	04	48	X 45.00 74.70	102 3.3 G	---	NY MASSENA
1947	AUG	04	08	25	X 45.00 74.90	102 2.1 G	---	NY MASSENA
1947	AUG	14	02	18	X 45.00 74.90	102 2.1 G	---	NY MASSENA
1947	OCT	03	15	28	X 45.00 74.90	102 2.1 G	---	NY MASSENA
1948	APR	04	02	44	44.20 73.60	102 2.5 G	---	NY E. OF LAKE PLACID
1948	MAY	23	04	07	X 45.00 74.70	102 2.0 G	---	NY MASSENA
1948	AUG	07	20	15	44.00 74.00	10 ---	F 10	NY SANFORD LAKE
1948	NOV	22	22	33	44.60 74.30	102 2.9 G	F 102	NY S. OF MALONE
1949	FEB	07	06	17	44.90 74.90	10 ---	4 10	NY MASSENA
1951	SEP	03	21	26	24.80 41.36 73.86	32 3.8 C	5 10	NY ROCKLAND CO.
1951	NOV	06	17	54	45.90 44.90 73.70	32 4.1 D	4 10	NY ROUSES PT.
1952	AUG	25	00	07	43.00 74.50	102 ---	5 102	NY JOHNSTOWN
1952	NOV	20	---	---	42.90 76.60	102 ---	3 102	NY AUBURN
1952	DEC	21	12	00	44.90 74.90	102 ---	2 102	NY MASSENA
1953	APR	26	01	17	44.70 73.50	102 2.6 G	4 102	NY PLATTSBURG
1954	JAN	31	12	30	42.90 77.30	10 ---	4 10	NY CANANDAIGUA
1954	FEB	01	00	37	43.00 76.70	102 3.3 G	---	NY MONTEZUMA
1954	APR	21	15	45	44.70 73.50	10 ---	4 10	NY PLATTSBURG
1954	MAY	20	22	01	45.00 74.20	102 2.7 G	4 79	NY MALONE
1954	SEP	29	03	50	44.00 75.90	102 ---	F 102	NY WATERTOWN
1954	DEC	13	03	53	44.60 74.60	102 3.6 G	4 102	NY N. OF SARANAC LAKE
1954	DEC	15	17	35	44.80 74.70	10 ---	2 10	NY LAWRENCEVILLE
1955	AUG	16	07	35	42.90 78.30	102 ---	5 102	NY ATTICA
1956	JUL	27	01	34	44.70 73.80	102 3.4 G	---	NY DANNEMORA
1956	AUG	03	22	11	44.90 74.60	102 2.3 G	---	NY MASSENA
1957	FEB	20	15	45	44.90 74.90	102 ---	4 102	NY MASSENA
1957	NOV	30	06	27	45.00 74.80	102 2.5 G	4 102	NY MASSENA
1958	JAN	11	16	36	44.90 74.90	102 ---	4 102	NY MASSENA
1961	APR	20	13	13	45.00 74.80	79 2.0 G	F 62	NY MASSENA
1961	SEP	29	06	30	44.90 74.90	79 ---	4 79	NY MASSENA
1962	MAR	27	06	35	43.00 79.30	79 3.0 G	5 79	NY NIAGARA FALLS
1962	OCT	02	23	45	44.80 74.30	79 ---	4 79	NY MALONE
1963	JAN	30	14	50	44.00 75.90	64 3.0 G	F 64	NY WATERTOWN
1963	FEB	16	08	00	44.90 73.70	64 2.6 G	---	NY ROUSES PT.
1963	MAY	19	19	14	43.50 75.20	79 3.5 G	3 64	NY LYONS FALLS
1963	JUL	01	19	59	42.60 73.80	79 3.3 G	---	NY ALBANY
1964	MAR	29	09	16	44.90 74.90	107 ---	5 107	NY MASSENA
1964	JUN	04	23	40	44.70 75.30	119 2.8 G	---	NY OGDENSBURG
1964	JUN	16	13	00	45.00 74.20	79 2.7 G	4 107	NY MALONE
1964	SEP	29	00	16	41.20 73.70	107 ---	F 107	NY MT. KISCO
1964	SEP	29	20	26	41.20 73.70	107 ---	F 107	NY MT. KISCO
1964	NOV	17	17	08	41.20 73.70	107 ---	5 107	NY MT. KISCO
1964	NOV	30	00	34	42.80 74.90	119 2.6 G	---	NY N. OF COOPERSTOWN
1964	NOV	30	10	48	41.30 73.90	83 1.0 G	2 83	NY MT. KISCO
1965	JUL	16	11	06	42.90 78.20	79 3.2 G	4 108	NY ATTICA
1965	AUG	27	01	55	42.90 78.20	79 3.1 G	4 108	NY ATTICA
1965	SEP	29	20	57	41.40 74.40	108 ---	4 108	NY GOSHEN-MIDDLETOWN
1966	JAN	01	11	29	42.80 78.30	121 3.0 G	---	NY ATTICA
1966	JAN	01	13	23	42.84 78.25	32 4.6 D	6 109	NY ATTICA
1966	MAY	21	07	31	41.20 74.00	83 1.5 G	2 83	NY SOUTHEASTERN
1967	MAY	14	20	23	44.90 73.90	122 2.3 G	---	NY MALONE
1967	JUN	13	19	08	42.84 78.23	32 4.4 D	6 110	NY ATTICA
1967	NOV	22	22	10	41.20 73.80	110 ---	5 110	NY WESTCHESTER CO.
1968	SEP	03	---	---	42.80 78.30	33 3.3 G	4-5 33	NY SE. OF ATTICA
1969	AUG	13	02	42	43.40 78.22	45 2.8 G	4 45	NY ALBION
1970	DEC	13	05	36	42.70 78.70	50 2.0 G	---	NY SW. OF HAMBURG
1971	MAY	23	06	24	43.90 74.48	32 4.1 D	5 79	NY BLUE MTN. LAKE
1971	MAY	23	09	29	43.93 74.47	32 3.8 D	5 79	NY BLUE MTN. LAKE
1971	JUN	21	02	48	31.60 43.93 74.48	32 3.4 D	4 79	NY BLUE MTN. LAKE
1971	JUL	10	08	15	01.50 43.91 74.44	32 3.6 D	5 79	NY BLUE MTN. LAKE
1971	AUG	15	10	11	43.90 74.50	126 2.0 G	---	NY BLUE MTN. LAKE
1971	DEC	20	11	44	43.90 74.60	50 2.0 H	---	NY BLUE MTN. LAKE
1972	FEB	13	07	12	44.30 74.40	50 2.2 H	---	NY TUPPER LAKE
1972	FEB	15	23	53	41.30 73.60	50 2.6 H	---	NY POUND RIDGE
1972	MAR	15	12	10	43.70 74.70	50 2.6 H	---	NY OLD FORGE
1972	JUN	03	06	26	03.10 44.79 73.94	50 ---	---	NY DANNEMORA
1972	JUN	16	09	01	42.80 73.90	50 2.0 H	---	NY SCHENECTADY

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
	MONTH DAY	HR. MIN. SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE (MM) REF.			
1972	AUG 05 10	59	44.80 74.00	50	---	---	NY DANNEMORA
1972	NOV 02 05 15	---	44.80 74.60	50	3.0	H	NY MASSENA
1972	NOV 05 22 29	---	43.90 74.40	127	2.3	G	NY BLUE MTN LAKE
1972	DEC 20 12 59	23.71	45.02 74.30 *	50	---	---	NY CANADIAN BORDER
1973	JAN 10 02 41	18.55	41.39 73.98 *	50	1.5	H	NY PEEKSKILL
1973	JAN 19 00 40	---	43.00 78.20	50	---	---	NY N. OF ATTICA
1973	FEB 02 15 03	---	44.30 74.40	50	---	---	NY POTSDAM
1973	FEB 02 23 09	---	44.50 74.40	50	2.7	H	NY SE. OF POTSDAM
1973	FEB 09 04 46	---	42.80 78.30	50	2.7	H	NY SE. OF ATTICA
1973	MAR 07 04 05	56.61	43.81 74.45 * 03.5	50	1.9	H	NY BLUE MTN. LAKE
1973	MAR 07 05 04	17.90	43.86 75.02 *	50	2.4	H	NY N. OF OLD FORGE
1973	MAR 22 03 10	30.48	43.89 74.42 *	50	---	---	NY E. OF BLUE MTN. LAKE
1973	MAR 30 10 04	---	44.70 73.80	50	1.7	H	NY DANNEMORA
1973	MAY 31 07 18	12.49	45.05 74.65 *	50	2.2	H	NY CANADIAN BORDER
1973	JUN 11 10 08	31.61	43.95 73.98 *	50	---	---	NY NEWCOMB
1973	JUL 15 08 20	---	43.90 74.40	50	3.4	H	NY BLUE MTN. LAKE
1973	JUL 15 10 32	---	43.90 74.40	50	---	---	NY BLUE MTN. LAKE
1973	OCT 21 09 25	45.16	43.82 74.45 *	50	2.2	H	NY BLUE MTN. LAKE
1974	JAN 05 17 06	11.00	44.74 73.90 *	50	1.9	H	NY DANNEMORA
1974	JAN 15 14 55	52.84	44.75 73.93 *	50	2.0	H	NY DANNEMORA
1974	JAN 19 05 42	---	44.80 73.90	50	1.6	H	NY DANNEMORA
1974	JAN 20 10 55	17.02	44.73 73.89 *	50	2.2	H	NY DANNEMORA
1974	FEB 14 03 08	07.00	44.74 73.87 *	50	1.9	H	NY DANNEMORA
1974	FEB 17 17 09	---	44.80 73.90	50	2.1	H	NY DANNEMORA
1974	MAR 09 06 32	---	43.80 76.80	50	---	---	NY LAKE ONTARIO
1974	MAR 18 16 04	---	44.50 74.90	50	2.7	H	NY S. OF POTSDAM
1974	MAR 19 13 39	52.89	44.40 75.08 *	50	2.1	H	NY S. OF POTSDAM
1974	MAR 22 01 04	---	44.40 75.10	50	2.0	H	NY S. OF POTSDAM
1974	MAR 27 00 59	---	44.40 75.10	50	2.0	H	NY S. OF POTSDAM
1974	APR 07 15 03	---	44.40 75.10	50	2.4	H	NY S. OF POTSDAM
1974	APR 07 20 58	---	44.40 75.10	50	1.7	H	NY S. OF POTSDAM
1974	APR 08 07 03	01.15	44.42 75.07 *	50	1.6	H	NY S. OF POTSDAM
1974	APR 08 22 08	21.43	41.24 74.02 *	50	2.1	H	NY HAYVERSTRAW
1974	APR 09 17 14	---	44.40 75.10	50	1.7	H	NY S. OF POTSDAM
1974	APR 09 17 43	---	44.40 75.10	50	1.4	H	NY S. OF POTSDAM
1974	MAY 02 13 17	---	42.70 78.50	50	---	---	NY STRYKERSVILLE
1974	MAY 30 18 04	13.50	44.71 73.87 *	50	2.1	H	NY DANNEMORA
1974	JUN 02 14 42	---	44.70 74.70	50	2.5	H	NY LAWRENCEVILLE
1974	JUN 03 18 32	---	44.40 74.00	50	1.9	H	NY NW. OF WILMINGTON
1974	JUN 04 02 58	19.13	44.69 74.67 *	50	2.1	H	NY S. OF LAWRENCEVILLE
1974	JUN 07 19 45	37.00	41.63 73.94 *	87	3.3	H	NY WAPPINGERS FALLS
1974	JUN 26 16 27	20.94	45.00 73.80	50	2.1	H	NY CANNON CORNERS
1974	JUL 08 18 11	---	42.80 78.50	50	---	---	NY N. OF STRYKERSVILLE
1974	JUL 26 01 18	---	44.50 74.40	50	2.2	H	NY TUPPER-SARANAC LAKES
1974	AUG 01 00 45	---	42.20 77.50	50	2.4	H	NY NW. OF HORNEILL
1974	SEP 11 20 54	13.08	43.83 74.19 *	50	2.2	H	NY BLUE MTN. LAKE
1974	SEP 15 14 01	17.48	43.89 73.92 *	50	1.7	H	NY SCHROON LAKE
1974	SEP 18 06 23	---	43.40 73.80	50	2.5	H	NY SW. OF LAKE GEORGE
1974	OCT 08 09 10	---	44.70 73.90	50	1.9	H	NY DANNEMORA
1974	OCT 10 21 46	---	42.30 77.70	50	2.2	H	NY HORNEILL
1974	NOV 04 10 14	43.30	44.50 73.92 *	50	2.1	H	NY LAKE PLACID
1974	NOV 19 09 23	---	43.50 74.00	50	2.3	H	NY STONY CREEK
1974	NOV 22 09 50	---	44.30 74.00	50	2.4	H	NY LAKE PLACID
1974	NOV 23 21 08	15.08	44.59 73.70 *	50	1.6	H	NY SARANAC
1974	NOV 27 10 28	---	43.30 79.10	50	3.3	H	NY LAKE ONTARIO
1975	JAN 04 20 40	---	44.90 74.60	99	2.8	H	NY NW. OF MALONE
1975	JAN 04 20 44	05.18	44.89 74.55 *	99	2.7	H	NY NW. OF MALONE
1975	JAN 15 19 16	---	44.90 74.60	99	2.5	H	NY NW. OF MALONE
1975	JAN 27 11 40	10.53	43.78 73.36 *	99	1.7	H	NY NEAR VT. BORDER
1975	JAN 28 00 15	27.78	44.97 73.78 *	99	2.6	H	NY CANNON CORNERS
1975	FEB 26 09 48	48.29	44.74 73.89 *	99	1.6	H	NY DANNEMORA
1975	MAR 07 14 11	55.34	44.93 74.37 *	99	2.2	H	NY MALONE
1975	MAR 30 16 02	31.28	43.97 74.23 *	99	2.0	H	NY NEWCOMB
1975	APR 28 16 12	55.65	44.71 73.73 *	99	1.2	H	NY LYON MTN
1975	APR 29 09 51	---	41.60 73.90	99	2.3	H	NY WAPPINGERS FALLS
1975	MAY 14 00 08	---	43.40 78.60	99	2.9	H	NY LAKE ONTARIO
1975	MAY 14 04 24	---	44.80 73.60	99	1.7	H	NY BLUE MTN. LAKE
1975	JUN 09 18 39	22.70	44.87 73.65 *	32	3.5	C	NY ALTONA
1975	JUN 12 03 44	43.80	44.89 73.64 *	99	---	---	NY ALTONA
1975	JUN 15 08 08	---	41.60 73.90	99	---	---	NY WAPPINGERS FALLS
1975	JUN 22 06 58	10.12	44.46 74.59 *	99	1.5	H	NY NW. OF TUPPER LAKE
1975	JUN 22 11 30	26.14	43.65 74.99 *	99	1.9	H	NY OLD FORGE
1975	JUN 23 06 16	44.14	44.73 73.88 *	99	2.3	H	NY DANNEMORA
1975	JUL 01 00 11	---	42.80 78.60	99	2.4	H	NY LANCASTER
1975	JUL 11 01 44	54.05	44.29 73.87 *	99	2.8	H	NY WILMINGTON
1975	JUL 11 03 39	11.33	44.68 73.89 *	99	2.3	H	NY DANNEMORA
1975	JUL 12 17 59	30.18	44.73 73.88 *	99	2.2	H	NY LYON MTN
1975	JUL 19 20 59	32.21	41.43 73.79 * 01.5	99	2.3	H	NY MAHOPAC
1975	JUL 29 09 04	32.63	44.87 74.99 *	99	2.1	H	NY MASSENA
1975	AUG 04 04 58	22.73	43.87 74.15 *	99	2.1	H	NY SE. OF BLUE MTN. LAKE
1975	AUG 09 08 07	23.66	44.46 75.13 *	99	1.8	H	NY SW. OF POTSDAM
1975	AUG 22 17 29	22.25	41.11 73.94 *	99	2.3	H	NY VALLEY COTTAGE
1975	AUG 30 06 14	24.54	42.68 78.12 *	99	2.1	H	NY S. OF WARSAW
1975	SEP 11 16 54	58.50	43.89 74.66 * 07.1	99	1.6	H	NY RAQUETTE LAKE
1975	SEP 23 15 11	16.28	43.90 74.65 * 06.0	99	1.6	H	NY RAQUETTE LAKE
1975	OCT 08 09 00	01.00	43.52 78.49 *	130	2.0	G	NY LAKE ONTARIO
1975	OCT 24 07 08	---	41.62 73.98	99	2.0	H	NY WAPPINGERS FALLS
1975	OCT 24 07 43	12.40	41.59 73.93	99	2.2	H	NY WAPPINGERS FALLS
1975	OCT 28 21 45	47.60	41.57 73.93	11	---	---	NY WAPPINGERS FALLS
1975	OCT 31 00 26	16.10	42.84 78.17 * 01.0	11	---	---	NY ATTICA
1975	NOV 02 04 09	14.20	41.67 74.00 *	99	---	---	NY WAPPINGERS FALLS
1975	NOV 03 20 54	55.90	43.87 74.64 * 03.4	99	3.9	H	NY RAQUETTE LAKE
1975	NOV 03 21 06	40.80	43.89 74.65 * 03.7	99	---	---	NY RAQUETTE LAKE
1975	NOV 05 11 53	11.21	43.89 74.65 * 01.1	99	---	---	NY RAQUETTE LAKE
1975	NOV 10 03 02	29.38	41.18 74.38 * 08.7	99	1.8	H	NY GREENWOOD LAKE
1975	NOV 14 10 57	35.80	44.52 74.49 *	99	2.1	H	NY SANTA CLARA
1975	NOV 17 22 36	41.10	43.90 74.64 * 03.0	99	---	---	NY RAQUETTE LAKE
1975	NOV 18 16 58	---	44.90 74.10	99	1.9	H	NY MALONE
1975	NOV 18 21 00	13.89	43.89 74.64 * 03.4	99	---	---	NY RAQUETTE LAKE
1975	NOV 20 15 02	04.60	42.85 78.18 *	11	1.5	H	NY ATTICA
1975	NOV 20 15 04	43.00	42.85 78.17 *	11	---	---	NY ATTICA
1975	NOV 29 12 22	40.90	42.84 78.17 *	11	---	---	NY ATTICA
1975	DEC 01 23 41	56.70	42.84 78.17 *	11	---	---	NY ATTICA
1976	JAN 01 21 18	36.00	42.85 78.17 * 0.50	12	---	---	NY ATTICA
1976	JAN 10 21 14	22.00	42.84 78.17 * 0.70	12	---	---	NY ATTICA
1976	JAN 14 20 08	---	42.80 78.20	12	---	---	NY ATTICA
1976	FEB 13 09 54	25.60	44.64 73.59 *	12	1.9	H	NY SW. OF PLATTSBURG
1976	MAR 06 04 14	05.80	41.16 73.81 *	12	2.3	H	NY OSSING
1976	APR 28 21 32	43.90	44.58 74.63 * 01.1	100	2.8	H	NY POTSDAM
1976	MAY 09 13 56	03.50	43.88 74.65 * 02.1	13	1.0	H	NY RAQUETTE LAKE
1976	MAY 10 03 19	---	43.88 74.65 *	13	---	---	NY RAQUETTE LAKE
1976	AUG 19 15 47	53.60	43.89 74.64 * 03.8	100	---	---	NY RAQUETTE LAKE
1976	AUG 20 22 08	14.30	41.11 73.75 *	100	2.5	H	NY MT. PLEASANT

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MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG. (KM.)	REF.	VAL. TYPE	(MM) REF.	
1976	AUG 21	14 00 12.45	43.89 74.66	01.4	100	---	NY RAQUETTE LAKE
1976	SEP 16	06 51 07.14	44.38 75.29	01.0	100	1.7 H	NY EDWARDS
1976	SEP 18	01 15 23.00	43.82 74.20	---	100	1.6 H	NY SE. OF BLUE MTN. LAKE
1976	SEP 22	09 04 44.80	41.29 73.95	07.5	100	1.8 H	NY INDIAN POINT
1976	OCT 07	05 03 20	44.99 74.74	---	100	2.2 H	NY MASSENA
1976	OCT 23	42 08.40	44.69 73.89	---	100	2.8 H	NY LYON MTN
1976	NOV 05	18 07 48.70	43.79 74.59	---	100	---	NY RAQUETTE LAKE
1976	NOV 22	04 43 13.40	41.00 73.86	06.0	100	1.9 H	NY SCARSDALE
1976	DEC 01	18 51 44.00	44.89 74.82	---	100	2.1 H	NY SW. OF MASSENA
1976	DEC 03	08 13 48.70	44.77 75.44	---	100	1.6 H	NY OGDENSBURG
1976	DEC 07	23 59 30.20	44.63 75.07	---	100	1.5 H	NY S. OF POTSDAM
1976	DEC 16	20 20 20	44.40 73.80	---	100	1.8 H	NY WILMINGTON
1977	MAR 10	16 22 25.20	41.18 72.15	06.0	35	2.2 H	NY SUFFERN
1977	MAR 27	12 34 55.40	45.08 74.71	*	16	2.9 H	NY MASSENA
1977	JUL 19	07 06 12.90	44.65 73.98	*	35	1.3 H	NY LYON MTN
1977	JUL 20	23 26 26	44.70 74.00	---	35	1.8 H	NY LYON MTN
1977	SEP 02	05 53 56.46	41.31 73.92	02.8	35	2.4 H	NY PEEKSKILL
1977	SEP 02	13 09 43.90	41.31 73.92	---	35	---	NY PEEKSKILL
1977	SEP 02	22 22 59.90	41.31 73.92	---	35	---	NY PEEKSKILL
1977	SEP 03	00 04 21.81	41.31 73.92	---	35	---	NY PEEKSKILL
1977	SEP 03	00 08 52.84	41.31 73.92	---	35	---	NY PEEKSKILL
1977	SEP 14	11 06 07.09	41.31 73.92	---	35	---	NY PEEKSKILL
1977	SEP 17	18 47 12.71	41.20 74.06	01.0	35	---	NY HAVERSTRAW
1977	SEP 28	17 21 44.72	44.39 73.89	---	35	3.1 H	NY WILMINGTON
1977	SEP 29	18 44 02.97	41.31 73.93	02.5	35	---	NY PEEKSKILL
1977	OCT 07	16 12 43.00	44.73 73.65	*	35	2.2 H	NY DANMORA
1977	OCT 14	00 09 54.17	41.56 73.95	---	35	2.2 H	NY N. OF NEWBURGH
1977	OCT 19	08 07 44.10	44.10 75.60	---	35	1.3 H	NY NE. OF WATERTOWN
1977	OCT 24	19 43 44.90	44.70 74.70	---	35	2.1 H	NY LAWRENCEVILLE
1977	NOV 16	02 55 15.50	41.00 71.50	---	19	2.2 H	NY MONTAUK POINT
1977	NOV 16	03 06 29.49	44.77 74.86	*	35	1.6 H	NY BRASHER FALLS
1977	DEC 09	17 33 07.88	41.56 73.88	04.8	35	2.3 H	NY HOPEWELL JUNCTION
1977	DEC 15	08 55 24.53	43.03 77.44	*	35	2.6 H	NY SE. OF ROCHESTER
1978	JAN 13	05 15 03.05	41.40 73.95	---	36	---	NY WEST POINT
1978	JAN 14	18 47 30.67	41.40 74.00	---	36	---	NY WEST POINT
1978	JAN 15	07 41 06.11	41.38 73.96	---	36	---	NY WEST POINT
1978	FEB 03	17 28 01.80	44.48 73.96	---	36	1.7 H	NY WILMINGTON
1978	FEB 10	09 37 18.55	41.30 73.99	---	36	---	NY TOMPKINS COVE
1978	MAR 05	07 53 25.55	41.35 74.15	*	36	2.1 H	NY HIGHLAND MILLS
1978	APR 05	14 45 49.52	43.85 74.24	---	36	2.6 H	NY NEWCOMB
1978	APR 16	06 07 44.30	44.30 75.40	---	36	2.2 H	NY S. OF POTSDAM
1978	MAY 09	12 06 52.09	43.82 75.09	*	36	2.3 H	NY OLD FORGE
1978	MAY 13	21 55 42.32	42.78 78.26	*	36	2.8 H	NY W. OF ATTICA
1978	MAY 13	22 08 34.45	42.76 78.30	*	36	2.6 H	NY W. OF ATTICA
1978	JUL 13	17 38 38.42	44.73 73.67	*	36	2.5 H	NY DANMORA
1978	JUL 23	23 02 17.29	41.32 73.93	02.0	36	2.1 H	NY PEEKSKILL
1978	JUL 28	10 30 00.85	44.40 75.08	*	36	1.9 H	NY POTSDAM
1978	AUG 21	08 47 10.91	44.52 74.51	*	36	3.1 H	NY POTSDAM
1978	AUG 21	08 47 44.90	74.60	---	36	1.9 H	NY POTSDAM
1978	SEP 19	04 11 46.62	40.99 73.87	04.6	36	1.8 H	NY YONKERS
1978	OCT 03	03 15 41.30	43.17 78.52	*	36	2.1 H	NY MEDINA
1978	OCT 12	01 07 27.43	44.73 75.11	*	36	2.0 H	NY MADRID
1978	OCT 26	21 53 40.82	42.65 77.82	*	36	2.6 H	NY MT. MORRIS
1978	DEC 28	09 24 50.58	44.52 73.89	---	36	2.5 H	NY NW. OF WILMINGTON
1979	JAN 14	07 01 48.03	44.58 74.65	*	93	---	NY SANTA CLARA
1979	FEB 11	07 21 21.78	41.19 73.75	11.3	93	2.0 H	NY NEAR CROTON RESERVOIR
1979	MAY 29	20 48 49.10	45.00 74.99	---	93	3.0 H	NY MASSENA
1979	JUN 07	13 45 53.30	44.43 73.86	---	93	3.1 H	NY AUSABLE FORKS
1979	JUN 12	09 45 09.86	43.65 75.30	*	93	2.5 H	NY PORT LEYDEN
1979	JUN 20	19 20 17.77	41.35 74.38	*	93	3.0 H	NY GOSHEN
1979	SEP 04	07 38 56.23	41.58 73.54	*	93	2.8 H	NY CT BORDER
1979	SEP 01	19 50 16.26	41.65 73.92	*	93	---	NY POUGHKEEPSIE
1979	NOV 08	01 13 16.62	43.88 74.50	*	93	---	NY BLUE MTN. LAKE
1979	NOV 29	02 58 44.46	43.79 74.49	*	93	2.5 H	NY BLUE MTN. LAKE
1979	DEC 01	16 14 06.91	41.35 74.36	*	93	2.0 H	NY PINE ISLAND
1979	DEC 11	20 04 43.20	78.80	---	93	---	NY LOCKPORT
1979	DEC 30	14 19 23.82	41.16 73.72	03.8	93	2.2 H	NY MT. KISCO
1980	JAN 17	10 12 45.42	41.26 73.91	*	97	2.4 H	NY PEEKSKILL
1980	JAN 17	10 13 16.13	41.31 73.93	03.3	97	2.9 H	NY PEEKSKILL
1980	FEB 04	09 18 45.60	44.76 75.30	*	97	2.8 H	NY NE. OF OGDENSBURG
1980	FEB 29	05 53 56.07	42.58 74.20	---	97	3.1 H	NY CATSKILL
1980	APR 25	00 23 35.00	41.35 74.37	---	113	2.4 H	NY FLORIDA
1980	MAY 07	04 32 49.28	41.02 73.87	00.0	97	2.6 H	NY ARDSLEY
1980	MAY 12	01 38 56.29	41.28 74.14	04.9	97	2.4 H	NY HARRIMAN
1980	MAY 20	21 33 23.00	41.35 74.37	---	113	2.6 H	NY FLORIDA
1980	MAY 23	00 49 56.35	44.62 73.85	05.0	97	2.2 H	NY DANMORA
1980	MAY 23	08 39 43.99	44.89 74.55	*	97	3.4 H	NY BOMBAY-MASSENA
1980	JUN 06	13 15 51.96	43.56 75.23	*	97	3.8 H	NY BOONVILLE
1980	JUN 12	18 19 26.94	43.63 75.09	07.2	97	2.8 H	NY PORT LEYDEN
1980	JUN 12	18 49 26.01	44.37 74.10	16.2	97	2.6 H	NY N. OF SARANAC LAKE
1980	JUL 15	07 21 01.50	44.72 74.90	03.8	97	2.6 H	NY NORWOOD
1980	AUG 11	14 54 46.15	43.54 75.16	*	97	3.3 H	NY BOONVILLE
1980	SEP 04	04 30 55.78	41.11 73.78	---	97	3.2 H	NY THORNWOOD
1980	SEP 21	20 54 45.05	43.63 74.02	*	97	3.2 H	NY BAKERS MILLS
1980	SEP 27	00 48 30.46	41.54 73.69	05.5	97	2.5 H	NY PAWLING
1980	SEP 28	22 19 05.38	43.77 74.12	---	97	3.0 H	NY SE. OF BLUE MTN. LAKE
1980	OCT 14	08 19 35.57	43.87 74.47	01.4	97	1.0 H	NY BLUE MTN. LAKE
1980	OCT 15	17 02 50.86	41.25 73.88	02.0	97	1.5 H	NY W. OF CROTON RESERVOIR
1980	NOV 25	07 14 00.14	44.96 74.60	03.2	97	2.1 H	NY BOMBAY
1980	DEC 12	23 04 53.33	41.31 73.91	14.6	97	2.3 H	NY ANNSVILLE
1980	DEC 14	18 04 37.78	44.74 73.91	*	97	1.9 H	NY LYON MTN.

G. EARTHQUAKES IN PENNSYLVANIA, UNITED STATES

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YEAR	MONTH	DAY	DATE	ORIGIN	TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
				HR.	MIN.	SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE	(MM) REF.	
1800	MAR	17	---	---	---	---	39.80 75.20	10	---	PA PHILADELPHIA
1800	MAR	29	---	---	---	---	39.80 75.20	118	---	PA PHILADELPHIA
1800	NOV	29	---	---	---	---	39.80 75.20	10	---	PA PHILADELPHIA
1884	MAY	31	---	---	---	---	40.60 75.50	10	---	PA ALLENTOWN
1889	MAR	08	23	40	---	---	40.00 76.00	10	---	PA LANCASTER
1907	JAN	10	10	00	---	---	41.20 77.10	101	---	PA WILLIAMSPORT
1908	MAY	31	17	42	---	---	40.60 75.50	10	---	PA ALLENTOWN
1921	SEP	27	04	32	---	---	42.10 80.20	101	---	PA ERIE
1934	OCT	29	20	07	---	---	42.00 80.20	69	---	PA ERIE
1936	AUG	26	09	00	---	---	41.40 80.40	71	---	PA GREENVILLE
1937	JUN	09	00	04	---	---	40.30 75.90	72	---	PA READING
1938	JUL	15	22	45	---	---	40.40 78.20	51	---	PA CLOVER CREEK
1939	APR	02	03	00	---	---	40.00 76.30	3	---	PA LANCASTER
1940	MAY	28	20	06	---	---	40.30 76.90	74	---	PA HARRISBURG
1942	OCT	24	17	27	---	---	41.00 75.30	102	3.4	PA STRAUSSBURG
1944	FEB	05	16	22	---	---	40.80 76.20	102	3.7	PA SHENANDOAH
1946	OCT	28	20	36	---	---	41.50 76.60	102	3.6	PA LAPORTE
1950	MAR	20	22	55	---	---	41.50 75.80	102	3.3	PA NW. OF SCRANTON
1951	NOV	23	06	45	---	---	40.60 75.50	10	---	PA ALLENTOWN
1954	JAN	07	07	25	---	---	40.30 76.00	102	---	PA SINKING SPRINGS
1954	JAN	24	03	30	---	---	40.30 76.00	102	---	PA SINKING SPRINGS
1954	AUG	11	03	40	---	---	40.30 76.00	102	---	PA SINKING SPRINGS
1954	SEP	24	11	00	---	---	40.30 76.00	102	---	PA SINKING SPRINGS
1955	JAN	20	03	00	---	---	40.30 76.00	102	---	PA SINKING SPRINGS
1960	JAN	22	20	53	---	---	41.50 75.50	61	3.4	PA CARBONDALE
1961	SEP	15	02	16	---	---	41.50 75.50	79	---	PA LEHIGH VALLEY
1963	MAR	02	20	24	---	---	41.50 75.70	64	3.4	PA SCRANTON
1964	FEB	13	19	46	40.80	---	40.38 77.96	32	3.2	PA MARKLESBURG
1964	MAY	12	06	45	10.70	---	40.30 76.41	32	3.2	PA LANCASTER
1965	OCT	08	02	17	---	---	40.10 79.80	120	3.3	PA SOUTHWESTERN
1972	DEC	08	03	00	33.30	---	40.14 76.24	32	3.5	PA LANCASTER
1978	OCT	06	19	25	47.40	---	40.05 76.09 *	133	3.0	PA LANCASTER
1980	MAR	02	11	54	47.90	---	40.21 75.08	112	2.8	PA ABINGTON
1980	MAR	05	17	06	56.50	---	40.17 75.07 *	112	3.5	PA ABINGTON
1980	MAR	05	17	20	32.40	---	40.18 75.07 *	112	3.1	PA ABINGTON
1980	MAR	11	06	00	26.90	---	40.15 75.09 *	112	3.7	PA ABINGTON
1980	MAR	11	16	16	05.50	---	40.25 74.99 *	112	2.8	PA ABINGTON
1980	MAY	02	15	23	23.50	---	40.16 74.99 *	113	2.8	PA LANGHORNE
1980	MAY	02	19	02	24.40	---	40.24 75.03 *	113	3.0	PA JAMISON

H. EARTHQUAKES IN RHODE ISLAND, UNITED STATES

YEAR	MONTH	DAY	DATE	ORIGIN	TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
				HR.	MIN.	SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE	(MM) REF.	
1766	AUG	25	---	---	---	---	41.50 71.30	10	---	RI NEWPORT
1776	FEB	02	---	---	---	---	41.70 71.40	118	---	RI SOUTHERN
1776	FEB	07	---	---	---	---	41.70 71.40	118	---	RI SOUTHERN
1849	FEB	04	---	---	---	---	41.50 71.60	101	---	RI NEWPORT
1852	JAN	10	11	40	---	---	41.20 71.40	101	---	RI OFF COAST
1876	SEP	22	04	30	---	---	41.50 71.30	116	---	RI NEWPORT
1882	MAY	01	---	---	---	---	41.60 71.40	84	---	RI E. GREENWICH
1883	FEB	28	03	30	---	---	41.50 71.30	116	---	RI NEWPORT
1905	NOV	26	00	30	---	---	41.50 71.30	79	---	RI NEWPORT
1913	NOV	03	14	30	---	---	41.50 71.50	79	---	RI KINGSTOWN
1928	JAN	13	19	50	---	---	41.20 71.60	37	---	RI BLOCK ISLAND
1940	JAN	03	01	30	---	---	41.20 71.60	74	---	RI BLOCK ISLAND
1948	MAY	04	02	23	---	---	41.40 71.80	10	---	RI WESTERLY
1949	APR	17	00	15	---	---	41.60 71.50	102	---	RI N. KINGSTON
1951	JUN	10	17	20	37.70	---	41.50 71.50	32	4.6	RI KINGSTOWN
1965	DEC	08	03	02	---	---	41.70 71.40	108	---	RI WARWICK
1967	FEB	02	13	40	---	---	41.60 71.20	110	3.1	RI NARRAGANSETT BAY
1974	OCT	01	06	36	22.50	---	41.39 71.50	98	2.5	RI WEST WARWICK
1976	MAR	11	08	29	32.20	---	41.56 71.21	12	3.5	RI PORTSMOUTH
1976	MAR	11	08	35	11.70	---	41.58 71.26 *	12	2.4	RI PORTSMOUTH
1978	APR	26	09	34	18.90	---	41.35 71.61 *	21	1.7	RI BLOCK ISLAND SOUND
1978	JUL	26	04	17	08.70	---	40.40 71.11	22	2.8	RI CONTINENTAL SHELF
1978	JUL	28	14	44	47.40	---	40.58 70.91	22	2.4	RI CONTINENTAL SHELF
1978	AUG	10	21	12	11.60	---	40.46 71.13	22	3.5	RI CONTINENTAL SHELF
1978	SEP	03	12	41	14.40	---	41.36 71.37	22	2.8	RI RHODE ISLAND SOUND

I. EARTHQUAKES IN VERMONT, UNITED STATES

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YEAR	DATE	ORIGIN	TIME	(GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR.	MIN.	SEC.	N. LAT. W. LONG.	(KM.)	VAL. TYPE	(MM) REF.	
1843	MAR	14	---	---	44.40 72.50	---	101	---	VT N. OF MONTPELIER
1851	DEC	25	12	45	44.00 73.30	---	101	---	VT BRIDGEPORT
1856	JUN	10	---	---	43.10 72.50	---	101	---	VT BELLONS FALLS
1863	JUN	09	21	30	44.50 73.00	---	79	---	VT E. OF BURLINGTON
1873	NOV	05	04	30	44.50 73.20	---	101	---	VT BURLINGTON
1873	NOV	05	05	00	44.50 73.20	---	101	---	VT BURLINGTON
1878	MAR	12	---	---	42.70 71.60	---	101	---	VT MILFORD
1880	SEP	23	23	00	44.30 73.30	---	101	---	VT CHARLOTTE
1895	MAY	28	16	15	43.00 72.50	---	101	---	VT PUTNEY
1898	JUN	11	06	45	42.80 72.60	---	79	---	VT BRATTLEBORO-VERNON
1905	OCT	22	---	---	44.90 72.20	---	10	4-5	VT NEWPORT
1908	AUG	16	---	---	44.60 73.10	---	101	---	VT MILTON
1934	APR	11	03	00	44.00 72.70	---	69	---	VT RUTLAND-MONTPELIER
1934	APR	11	03	24	44.00 72.70	---	69	---	VT RUTLAND-MONTPELIER
1935	NOV	01	06	30	44.30 72.60	---	70	---	VT MONTPELIER
1936	NOV	10	04	02	44.70 71.70	---	102	---	VT BLOOMFIELD
1937	DEC	02	22	01	44.50 73.20	---	72	---	VT BURLINGTON
1938	APR	13	01	00	43.20 73.10	---	73	---	VT MANCHESTER
1941	MAY	19	11	59	43.80 72.30	---	102	2.0	VT N. OF HANOVER NH
1943	JUL	06	21	10	44.80 73.00	---	32	4.1	VT SWANTON
1944	JUN	04	02	08	44.20 72.80	---	102	---	VT NORTHFIELD
1945	AUG	05	17	20	43.60 72.50	---	7	---	VT WOODSTOCK
1948	OCT	20	11	59	44.50 73.20	---	10	---	VT BURLINGTON
1953	MAR	31	02	50	43.70 73.00	---	102	---	VT BRANDON
1953	MAR	31	12	58	43.70 73.10	---	32	4.0	VT BRANDON
1957	APR	24	00	41	44.40 72.00	---	102	---	VT ST. JOHNSBURY
1962	APR	10	14	30	44.10 73.00	---	32	4.2	VT MIDDLEBURY
1967	JAN	11	19	00	44.70 72.60	---	122	1.9	VT N. OF MONTPELIER
1976	DEC	29	00	02	44.42 73.14 *	---	15	1.7	VT BURLINGTON
1977	MAY	05	08	39	43.86 72.26	---	17	2.1	VT LAKE FAIRLEE
1978	AUG	07	06	38	44.37 72.64	---	22	1.8	VT N. OF MONTPELIER
1978	SEP	27	08	43	44.14 73.04 *	---	22	1.8	VT E. OF BRISTOL
1978	OCT	24	03	07	44.10 72.98	---	23	1.9	VT SE. OF BRISTOL
1979	JAN	29	06	35	44.82 73.19 *	---	24	2.5	VT NORTH HERO
1979	JAN	31	21	42	43.38 72.64 *	---	24	1.5	VT LUDLOW
1979	MAY	04	19	02	44.07 73.23 *	---	25	1.3	VT N. OF MIDDLEBURY
1979	MAY	15	22	12	44.09 73.21 *	---	25	1.4	VT N. OF MIDDLEBURY
1980	JUN	30	21	04	44.13 72.59 *	---	113	1.9	VT S. OF MONTPELIER
1980	DEC	25	16	58	44.10 72.09	---	137	2.5	VT N. OF NEWBURY

J. EARTHQUAKES IN NEW BRUNSWICK, CANADA

YEAR	DATE	ORIGIN	TIME	(GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR.	MIN.	SEC.	N. LAT. W. LONG.	(KM.)	VAL. TYPE	(MM) REF.	
1764	SEP	30	17	---	45.20 66.10	---	101	---	NB ST. JOHN
1824	JUL	09	---	---	46.50 66.50	---	101	---	NB HOLTVILLE
1852	AUG	03	04	00	47.60 65.70	---	101	---	NB BATHURST
1855	FEB	08	11	30	46.00 64.50	---	101	---	NB MONCTON
1869	OCT	22	11	00	45.00 66.20	---	101	---	NB BAY OF FUNDY
1870	MAR	17	11	00	45.50 66.50	---	101	---	NB ST. JOHN
1883	JAN	01	02	00	45.00 67.00	---	10	---	NB PASSAMAQUODDY BAY
1884	JAN	26	---	---	45.40 66.00	---	101	---	NB ROTHESAY
1885	JUN	---	15	00	45.10 66.10	---	101	---	NB S. OF ST. JOHN
1896	MAY	16	04	00	45.90 66.60	---	101	---	NB FREDERICTON
1897	JAN	26	---	---	44.90 66.90	---	101	---	NB CAMPOBELLO IS.
1897	JAN	29	02	00	44.50 66.80	---	101	---	NB GRAND MANAN IS.
1897	FEB	15	02	00	44.70 66.80	---	101	---	NB GRAND MANAN IS.
1897	OCT	13	03	35	44.70 66.80	---	101	---	NB GRAND MANAN IS.
1898	JAN	11	07	00	44.70 66.80	---	101	---	NB GRAND MANAN IS.
1908	AUG	08	12	00	46.30 67.60	---	101	---	NB HARTLAND
1909	APR	14	---	---	45.40 66.40	---	101	---	NB WALSFORD
1922	JUL	02	22	25	46.50 66.60	---	101	---	NB BATHURST
1925	APR	16	09	30	45.90 66.60	---	101	---	NB FREDERICTON
1930	JAN	04	14	30	46.70 65.80	---	102	4.6	NB BLACKVILLE
1930	OCT	16	00	35	46.90 65.60	---	102	---	NB MILLERTON
1931	APR	09	---	---	45.00 67.00	---	102	4.7	NB DEER IS.
1937	SEP	30	07	58	47.80 65.40	---	32	4.5	NB ROTHESAY
1938	JUN	15	05	07	46.50 66.80	---	102	---	NB NAPADOGAN
1944	JUN	06	06	00	47.60 65.70	---	102	---	NB BATHURST
1956	JUN	01	10	30	45.30 66.10	---	102	1.7	NB ST. JOHN
1956	JUN	01	11	40	45.30 66.10	---	102	1.9	NB ST. JOHN
1957	AUG	04	12	40	46.60 67.10	---	102	3.7	NB JUNIPER
1958	MAR	23	22	04	45.60 67.10	---	102	3.4	NB MC ADAM
1961	JAN	29	00	49	46.40 66.90	---	62	3.8	NB NAPADOGAN
1961	OCT	31	23	50	46.10 64.80	---	62	1.7	NB MONCTON
1962	JAN	31	14	32	47.50 67.10	---	63	3.5	NB KEDGWICK
1962	MAR	25	05	15	47.60 66.00	---	63	4.0	NB BATHURST
1963	AUG	01	06	34	46.80 66.50	---	64	3.0	NB BOISTOWN
1964	OCT	17	14	13	47.70 67.30	---	119	3.9	NB KEDGWICK
1964	NOV	21	22	50	47.00 67.20	---	119	1.8	NB NE. OF PLASTER ROCK
1965	AUG	31	08	38	46.00 65.30	---	120	3.2	NB HAVELOCK
1966	JUL	07	01	10	47.90 65.80	---	121	2.3	NB BAIE-DE-CHALEUR
1966	JUL	24	23	56	47.90 66.20	---	121	2.9	NB BAIE-DE-CHALEUR
1966	SEP	28	20	11	46.90 65.30	---	121	3.2	NB CHATHAM
1967	JAN	25	05	04	47.30 66.80	---	122	2.2	NB MOUNT CARLETON
1967	MAR	14	01	49	46.20 67.30	---	122	2.0	NB WOODSTOCK
1968	MAY	27	19	21	46.90 66.70	---	123	3.3	NB N. OF NEWCASTLE
1970	AUG	08	00	10	45.80 66.10	---	125	3.3	NB E. OF FREDERICTON
1971	FEB	08	08	10	47.80 68.10	---	126	2.4	NB N. OF EDMUNSTON
1972	OCT	19	02	22	45.80 64.70	---	127	3.0	NB DORCHESTER
1972	NOV	06	12	53	45.80 64.70	---	127	2.2	NB DORCHESTER
1974	MAR	16	07	10	46.10 67.20	---	129	2.4	NB NW OF FREDERICTON
1974	DEC	22	05	25	45.40 67.10	---	129	2.9	NB ST. STEPHEN
1975	FEB	28	18	40	46.39 66.01 *	---	130	2.9	NB BETTSBURG
1975	AUG	27	22	28	46.80 65.34 *	---	130	3.0	NB CHATHAM
1976	JAN	18	09	03	46.80 65.70	---	131	1.9	NB BLACKVILLE
1976	FEB	20	14	42	47.80 66.00	---	131	2.1	NB BATHURST
1976	MAR	08	18	08	46.80 65.00	---	131	2.8	NB SE. OF CHATHAM
1976	AUG	03	00	44	46.90 66.60	---	131	1.4	NB PINEVILLE
1976	DEC	23	09	25	46.61 67.48 *	---	131	1.5	NB BRISTOL
1977	JAN	04	05	14	47.10 66.50	---	132	1.4	NB HEATH STEELE
1977	JAN	18	03	54	46.75 67.38 *	---	132	1.6	NB JUNIPER

YEAR	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	DEPTH (KM.)	REF.	MAGNITUDE	INTENSITY (MM) REF.	LOCALITY
1977	JAN	25	11	24	26.90	46.69	67.42	---	16	2.7	H	NB N. OF GLASSVILLE 20
1977	FEB	06	09	01	18.80	46.82	66.73	---	16	3.0	H	NB PLASTER ROCK
1977	FEB	13	22	55	59.00	46.72	66.29 *	---	132	2.8	H	NB SW. OF NEWCASTLE
1977	FEB	15	09	03	20.00	46.58	67.46 *	---	132	1.9	H	NB N. OF WOODSTOCK
1977	FEB	24	12	48	39.00	46.74	67.33	---	132	1.8	G	NB GLASSVILLE
1977	APR	06	06	38	42.00	46.59	67.49 *	---	132	1.2	G	NB NE. OF BRISTOL
1977	JUL	19	05	53	06.00	46.25	66.09 *	---	132	2.0	H	NB CENTRAL
1977	JUL	19	09	43	03.00	46.34	65.83	---	132	1.6	G	NB CENTRAL
1977	SEP	01	01	00	58.00	47.45	66.51	---	132	1.3	G	NB NORTHERN
1977	OCT	24	18	09	12.00	47.00	67.05 *	---	132	3.0	H	NB GRAND FALLS
1977	DEC	16	09	02	09.00	46.09	68.80	---	132	2.7	H	NB FREDERICTON
1977	DEC	26	16	19	52.00	44.96	66.70	---	132	2.1	H	NB PASSANAGUDDY BAY
1978	JUL	23	05	16	42.60	46.67	66.60	---	22	2.3	H	NB N. OF HOLYVILLE
1978	AUG	07	17	54	47.70	46.85	66.89	---	22	1.8	H	NB N. OF BEAVER BROOK LAKE
1978	AUG	10	09	39	22.20	47.26	67.92	---	22	1.5	I	NB N. OF ST. LEONARD
1978	OCT	20	05	39	35.90	45.20	66.84 *	---	23	2.0	H	NB LAKE UTOPIA
1979	APR	20	10	32	49.00	45.18	66.00	---	134	2.8	H	NB BAY OF FUNDY
1979	JUN	27	10	41	30.00	45.70	67.24 *	---	134	2.2	G	NB N. OF JUNIPER
1979	JUL	14	00	59	44.00	45.35	66.87 *	---	134	1.0	G	NB E. OF LAWRENCE STATION
1979	DEC	23	19	44	18.00	45.58	66.19 *	---	134	1.8	G	NB HAMPSHIRE
1979	DEC	30	11	19	04.00	45.17	66.75 *	---	134	1.0	G	NB NE. OF UTOPIA
1980	JAN	07	10	30	20.00	44.98	66.99	---	112	2.3	I	NB DEER ISLAND
1980	JUL	29	02	37	27.00	45.15	66.89	---	136	2.2	I	NB PASSANAGUDDY BAY
1980	JUL	31	04	05	07.10	45.83	66.77	---	136	1.9	I	NB S. OF FREDERICTON
1980	AUG	04	00	32	26.20	46.70	65.94	---	136	2.8	I	NB W. OF BLACKVILLE
1980	AUG	08	10	15	11.00	45.60	65.16 *	---	136	2.7	I	NB N. OF FUNDY NATIONAL PARK
1980	SEP	10	17	30	11.30	46.50	67.12	---	136	2.5	I	NB NASHWAUK LAKE REGION

K. EARTHQUAKES IN NOVA SCOTIA, CANADA

YEAR	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	DEPTH (KM.)	REF.	MAGNITUDE	INTENSITY (MM) REF.	LOCALITY
1832	---	---	---	---	---	45.00	64.00	---	101	---	4	NS WINDSOR
1847	JAN	01	---	---	---	43.90	66.10	---	101	---	4	NS YARROUTH
1853	JUN	03	---	---	---	44.90	65.30	---	101	---	3	NS BRIDGETOWN
1855	JUN	---	---	---	---	44.70	65.50	---	101	---	4	NS GRANVILLE MTS.
1873	JUL	08	---	---	---	44.60	63.60	---	101	---	2	NS HALIFAX
1874	MAR	12	---	---	---	43.80	66.10	---	101	---	2	NS YARROUTH
1886	OCT	15	03	30	---	46.20	60.20	---	101	---	3	NS SYDNEY
1908	MAY	14	04	30	---	44.00	65.80	---	101	---	5	NS YARROUTH
1909	DEC	19	20	00	---	46.50	60.50	---	101	---	6	NS CAPE BRETON
1915	JUL	27	16	00	---	44.00	65.00	---	101	---	5	NS SABLE RIVER
1926	DEC	29	05	30	---	46.20	60.20	---	101	---	4	NS SYDNEY
1927	NOV	24	21	40	---	44.00	60.00	---	101	---	3	NS SABLE ISLAND
1930	FEB	10	12	30	---	46.20	60.00	---	102	---	2	NS GLACE BAY
1931	AUG	07	---	---	---	44.60	65.80	---	10	---	4	NS DIGBY
1934	MAR	17	---	---	---	43.50	65.50	---	102	---	4	NS SHELburne
1943	JUN	08	---	---	---	43.70	65.70	---	102	---	3	NS YARROUTH
1966	MAY	20	00	05	---	44.30	66.50	---	121	3.8	G	NS BAY OF FUNDY
1971	MAY	21	04	48	---	40.70	64.00	---	126	3.5	G	NS CORSAIR CANYON
1974	JUL	10	06	18	---	45.40	61.10	---	129	2.7	G	NS OFF NORTHEAST COAST
1974	AUG	29	14	44	---	44.70	65.20	---	129	2.3	G	NS MILFORD
1975	JAN	17	00	10	39.00	44.91	66.91 *	---	130	3.1	H	NS BAY OF FUNDY
1975	OCT	13	09	17	49.30	45.14	65.95	---	11	2.0	H	NS BAY OF FUNDY
1975	OCT	15	03	26	17.00	45.11	65.89 *	---	130	3.1	H	NS BAY OF FUNDY
1975	NOV	06	13	44	---	45.20	60.80	---	130	2.9	H	NS OFF CANSO
1977	NOV	13	17	05	37.00	42.26	64.70	---	132	2.9	H	NS OFF SOUTH COAST
1978	NOV	23	09	15	28.50	43.17	66.25	---	23	2.4	H	NS OFF SW. COAST

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE	(MM) REF.		
1840	SEP	10	43.20 79.90	101	---	5	ON HAMILTON
1847	JAN	08 20 00	44.00 78.00	101	---	3	ON GRAFTON HARBOUR
1847	JAN	14	44.20 78.20	101	---	3	ON RICE LAKE
1853	MAR	13 10 00	43.10 79.40	101	---	5	ON ST. CATHERINES
1853	MAY	24	45.40 75.80	101	---	2	ON OTTAWA
1856	MAY	01 17 30	45.40 75.80	101	---	2	ON OTTAWA
1856	DEC	28	45.40 75.80	101	---	2	ON OTTAWA
1858	JAN	15	43.10 79.10	101	---	2	ON OTTAWA
1861	JUL	13 02 00	45.40 75.40	101	---	7	ON NIAGARA FALLS
1871	JAN	03	45.60 74.60	101	---	5	ON OTTAWA
1873	APR	30	45.00 74.70	101	---	4	ON HAWKESBURY
1873	APR	30	43.30 79.90	101	---	4	ON CORNWALL
1873	JUL	06 14 30	43.00 79.50	101	---	4	ON HAMILTON
1877	MAY	03 03 20	43.90 78.90	101	---	6	ON WELLAND
1877	NOV	14 14 40	45.00 74.80	101	---	3	ON OSHAWA
1877	DEC	18 06 00	45.70 76.80	101	---	3	ON CORNWALL
1877	DEC	18 10 00	45.70 76.80	101	---	3	ON BEACHBURG
1879	AUG	21 08 00	43.20 79.20	10	---	5	ON BEACHBURG
1880	FEB	09 01 00	45.40 75.80	101	---	4	ON ST. CATHERINES
1880	APR	04 03 00	45.40 75.80	101	---	2	ON OTTAWA
1880	MAY	31	45.20 75.30	101	---	2	ON OTTAWA
1880	JUL	22 07 00	45.40 75.80	101	---	4	ON NEAR OTTAWA
1880	SEP	06 07 00	45.00 74.80	101	---	3	ON OTTAWA
1881	JUN	19	45.40 75.80	101	---	3	ON CORNWALL
1882	NOV	27 23 30	43.00 79.20	101	---	2	ON OTTAWA
1882	DEC	04 23 30	X 43.00 79.20	101	---	4	ON WELLAND
1883	APR	01 06 00	43.30 79.90	101	---	2	ON WELLAND
1885	SEP	04 14 40	44.30 77.90	101	---	3	ON HAMILTON
1886	FEB	13	43.90 78.30	101	---	3	ON CAMPBELLFORD
1886	AUG	19 08 00	43.60 79.60	101	---	2	ON PORT HOPE
1886	SEP	02	43.20 79.20	101	---	3	ON COOKSVILLE
1887	FEB	20 04 45	45.30 80.00	101	---	2	ON ST. CATHERINES
1887	MAR	20 03 50	X 45.30 80.00	101	---	4	ON PARRY SOUND
1888	JAN	11 09 00	45.80 77.10	101	---	2	ON PARRY SOUND
1888	FEB	05	45.40 75.80	101	---	4	ON PEMBROKE
1888	JUL	11 04 00	44.40 77.00	101	---	2	ON OTTAWA
1894	FEB	24 04 00	43.70 79.30	101	---	3	ON BELLEVILLE-KINGSTON
1897	MAR	07	43.10 79.20	101	---	2	ON TORONTO
1907	NOV	14 05 00	45.50 76.70	101	---	4	ON NIAGARA FALLS
1908	JUN	16 20 41	45.10 74.80	101	---	4	ON RENFREW
1908	JUL	17 07 10	45.40 76.40	101	---	5	ON CORNWALL
1909	DEC	10 06 24	45.40 75.60	101	---	4	ON ARNPRIOR
1910	FEB	25	43.20 79.80	101	---	4	ON OTTAWA
1912	MAY	27 12 52	43.20 79.70	101	---	5	ON HAMILTON
1913	APR	29 00 28	44.90 75.30	101 4.4	G	4-5	ON HAMILTON
1917	MAY	22 09 00	45.10 75.60	101	---	4-5	ON IROQUOIS
1924	NOV	15 01 32	45.50 76.30	101	---	4	ON S.OF OTTAWA
1926	AUG	23 16 40	45.80 77.10	101	---	4	ON NEAR ARNPRIOR
1927	NOV	13 00 50	43.10 79.10	79	---	4	ON PEMBROKE
1928	APR	01	45.50 74.70	102	---	4	ON NIAGARA FALLS
1929	APR	30 18 53	45.40 75.70	102	---	2	ON VANKLEEK HILL
1930	FEB	19 11 38	45.40 75.80	102	---	F	ON OTTAWA
1930	OCT	15	44.40 78.40	102	---	2	ON WESTBORO
1931	JAN	07 07 21	47.50 70.50	102	---	2	ON BRIDGENORTH
1931	APR	06 20 50	45.40 75.70	102	---	2	ON OTTAWA
1932	DEC	21 11 20	45.40 75.70	102	---	F	ON OTTAWA
1933	JAN	21 16 04	45.30 74.70	102	3.8	G	ON RUSSELL
1933	FEB	25 02 32	45.00 75.70	102	---	F	ON ALEXANDRIA
1933	JUL	14 04 48	45.40 75.70	79	3.9	G	ON CORNWALL
1934	FEB	02 16 35	45.40 75.70	102	---	2	ON OTTAWA
1935	JUL	17 21 56	45.40 75.70	102	---	2	ON OTTAWA
1936	DEC	14	46.30 79.40	102	---	2	ON OTTAWA
1937	MAR	31 17 09	45.10 75.70	102 2.8	G	---	ON NORTH BAY
1938	JAN	06 13 28	44.90 75.20	102 4.0	G	---	ON KEMPTVILLE
1938	JAN	24 05 29	45.60 76.30	102 3.0	G	F	ON MORRISBURG
1938	MAY	05 00 33	45.40 74.50	102 3.0	G	F	ON ARNPRIOR
1938	JUL	26 08 18	45.40 75.70	102 1.8	G	---	ON GLEN ROBERTSON
1939	JAN	14 08 10	43.30 79.90	102 3.3	G	---	ON OTTAWA
1939	MAR	16 20 21	46.40 77.50	102 3.6	G	F	ON HAMILTON
1943	FEB	16 16 51	45.80 74.70	102	---	3	ON N. OF CHALK RIVER
1944	JAN	22 21 55	45.80 76.80	102 4.3	G	F	ON HAWKESBURY
1945	FEB	15 06 03	45.80 74.70	102 2.3	G	F	ON RENFREW
1946	AUG	28 09 10	45.70 76.90	102 2.7	G	---	ON OTTAWA
1949	FEB	03 01 31	45.40 75.60	10 1.7	G	F	ON BEACHBURG
1949	OCT	16 23 33	45.50 74.90	32 4.0	D	5	ON ROCKCLIFFE
1950	AUG	04 14 29	45.20 74.70	102 4.2	G	F	ON ALEXANDRIA
1950	AUG	05 23 59	X 45.10 74.80	102 3.5	G	---	ON LANCASTER
1950	OCT	29 05 59	45.80 77.10	102 3.2	G	---	ON LANCASTER
1951	AUG	02 00 32	45.40 75.80	102 0.7	G	---	ON PEMBROKE
1951	OCT	25 07 07	45.30 74.70	102 3.8	G	---	ON OTTAWA
1951	OCT	25 07 30	X 45.10 74.80	102 2.8	G	F	ON ALEXANDRIA
1953	SEP	17 05 53	45.80 74.80	102 2.4	G	---	ON ALEXANDRIA
1954	JAN	27 03 55	45.00 75.70	102 2.4	G	---	ON HAWKESBURY
1954	APR	27 02 14	43.10 79.20	102 4.1	G	---	ON CORNWALL
1955	JUN	29 01 17	43.80 79.60	102 3.0	G	---	ON WELLAND
1956	JAN	10 12 08	45.70 75.50	102 3.3	G	---	ON TORONTO
1956	FEB	02 19 24	45.50 74.80	102 3.1	G	---	ON NE. OF OTTAWA
1956	FEB	11 10 29	46.00 75.30	102 2.0	G	---	ON MAXVILLE
1956	FEB	16 10 29	45.90 75.00	102 2.0	G	---	ON NOTRE-DAME-DU-LAUS
1956	MAR	06 23 38	44.90 75.40	102 3.1	G	---	ON NAMUR
1956	AUG	22 16 38	45.40 75.60	102 2.4	G	---	ON CARDINAL
1957	AUG	21 02 40	44.80 76.20	102 3.0	G	2	ON OTTAWA
1957	OCT	04 00 15	45.30 75.20	102 2.1	G	F	ON SMITH'S FALLS
1957	OCT	27 08 48	46.40 78.80	102 3.2	G	---	ON E. OF OTTAWA
1958	FEB	12 13 29	44.80 75.30	102 2.6	G	F	ON KATTAWA
1958	MAR	19 06 39	46.00 77.10	102 3.1	G	---	ON IROQUOIS
1958	JUL	22 01 46	43.60 79.80	32 4.3	G	---	ON PEMBROKE
1958	AUG	04 20 25	43.10 80.00	102 3.9	G	F	ON WELLAND
1958	AUG	22 14 25	43.00 79.00	102 3.6	G	---	ON CALEDONIA
1961	MAR	13 10 55	45.20 75.30	62	---	3-4	ON NIAGARA PENINSULA
1961	MAR	22 12 02	45.80 77.10	62 2.2	G	2-3	ON ORMAND
1961	SEP	12 09 54	45.20 75.30	62 2.8	G	F	ON PEMBROKE
1961	NOV	01 03 41	46.90 79.30	62 2.9	G	F	ON SE. OF OTTAWA
1962	AUG	19 14 00	46.20 77.80	63	---	2	ON TIMISKAMING
1963	FEB	27 06 00	43.20 79.60	64 3.0	G	F	ON DESJOACHIM COLONY
1963	AUG	15 14 08	45.00 74.90	64 2.0	G	---	ON GRIMSBY
1963	OCT	15 12 07	46.20 77.60	64 3.0	G	---	ON NEAR HARRISON'S CORNERS
1963	OCT	15 12 29	46.30 77.60	32 4.0	D	---	ON DEEP RIVER
1963	OCT	15 13 59	46.40 77.50	32 4.0	D	---	ON DEEP RIVER
1963	OCT	17 05 13	46.20 77.60	64 3.0	G	---	ON DEEP RIVER

YEAR	DATE			ORIGIN TIME (GMT)			EPICENTER		DEPTH	MAGNITUDE		INTENSITY		LOCALITY
	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	(KM.)	REF.	VAL.	TYPE	(MM)	REF.	
1964	JAN	08	08	59	---	46.20	77.50	---	79	3.3	G	F	119	ON DEEP RIVER
1964	JAN	08	10	03	---	46.20	77.50	---	79	3.9	G	F	119	ON DEEP RIVER
1964	JAN	08	10	04	30.30	46.41	77.53	---	32	4.9	D	5	119	ON DEEP RIVER
1964	NOV	21	05	30	---	44.90	75.10	---	119	2.4	G	---	---	ON SOUTH MOUNTAIN
1965	JAN	01	13	09	---	44.50	77.60	---	119	2.9	G	---	---	ON NW. OF BELLEVILLE
1965	FEB	19	10	25	---	44.60	79.40	---	120	2.0	G	---	---	ON ORILLIA
1971	NOV	23	16	32	---	45.80	76.60	---	126	3.0	G	---	---	ON CAMPBELLS BAY
1972	AUG	31	06	06	---	45.40	76.80	---	127	2.8	G	---	---	ON RENFREW
1974	AUG	08	11	55	34.00	45.94	76.08	---	98	3.2	G	---	---	ON KAZABAZUA
1974	NOV	04	19	13	---	45.50	74.80	---	129	1.6	G	---	---	ON HAWKESBURY
1975	JUN	30	20	15	---	43.40	79.80	---	130	3.0	G	---	---	ON LAKE ONTARIO
1975	JUL	03	16	03	08.00	44.93	75.21 *	---	130	1.8	G	---	---	ON MORRISBURG
1975	JUL	12	06	07	17.00	45.21	75.43 *	---	130	1.0	G	---	---	ON CRYSLER
1976	OCT	28	12	22	18.00	45.57	74.72 *	---	131	1.7	G	---	---	ON HAWKESBURY
1977	APR	09	16	27	33.00	45.87	77.79	---	132	2.0	G	---	---	ON DEEP RIVER
1977	AUG	07	06	02	04.00	45.67	77.53 *	---	132	2.4	G	---	---	ON PEMBROKE
1978	FEB	08	05	39	07.00	45.27	75.17 *	---	133	2.2	H	---	---	ON CRYSLER
1978	MAR	05	23	21	02.00	43.48	79.75 *	---	133	2.1	H	F	20	ON BURLINGTON
1979	OCT	29	16	45	48.70	43.48	79.84	---	27	---	---	---	---	ON HILTON
1980	JAN	21	06	16	09.00	43.25	79.76	---	112	2.5	G	F	112	ON EAST HAMILTON
1980	JUL	25	02	32	07.00	45.71	76.17 *	---	135	1.3	G	---	---	ON N. OF FITZROY HARBOUR
1980	SEP	27	03	41	13.00	43.46	79.71 *	---	136	2.1	H	---	---	ON BURLINGTON
1980	SEP	28	03	41	12.00	43.44	79.75 *	---	135	2.2	G	---	---	ON NW. OF EFFINGHAM
1980	NOV	09	16	50	21.00	45.70	76.12 *	---	135	1.4	G	---	---	ON N. OF FITZROY HARBOUR
1980	DEC	09	05	05	16.00	45.47	75.41 *	---	135	1.5	G	---	---	ON E. OF OTTAWA

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG.	(KM.)	REF. VAL. TYPE	(MM) REF.	
1534	---	---	47.70 70.10	---	101	9-10	PQ LES EBOULEMENTS
1638	JUN	11 19	47.65 70.17	---	79	10	PQ LA MALBAIE
1661	FEB	10 12	45.50 73.00	---	101	7	PQ S. OF GRANBY
1663	FEB	05 22 30	47.60 70.10	---	101	10	PQ LA MALBAIE
1663	FEB	06 02	X 47.60 70.10	---	101	5	PQ LA MALBAIE
1663	FEB	06 15	X 47.60 70.10	---	101	6	PQ LA MALBAIE
1663	FEB	07 14	X 47.60 70.10	---	101	4	PQ LA MALBAIE
1663	NOV	16	X 47.60 70.10	---	101	4	PQ LA MALBAIE
1664	---	---	47.60 70.10	---	101	4	PQ LA MALBAIE
1665	FEB	24 16 45	47.80 70.00	---	101	8	PQ LA MALBAIE
1665	OCT	16 02 50	46.80 71.20	---	79	4	PQ QUEBEC CITY
1668	APR	13 13	47.10 70.50	---	101	6	PQ ILE AUX GRUES
1672	FEB	---	48.10 69.80	---	101	4	PQ TADOUSSAC
1673	DEC	08	48.10 69.80	---	101	3	PQ TADOUSSAC
1732	SEP	16 16	45.50 73.60	---	101	8	PQ MONTREAL
1744	MAY	27	46.80 71.20	---	101	4	PQ QUEBEC CITY
1784	JAN	02 10	46.80 71.20	---	101	4	PQ QUEBEC CITY
1784	JAN	12 08 30	X 46.80 71.20	---	101	4	PQ QUEBEC CITY
1791	DEC	07 01 00	47.40 70.50	---	101	8	PQ BAIE ST. PAUL
1816	SEP	09	45.50 73.60	---	101	7	PQ MONTREAL
1816	SEP	16	X 45.50 73.60	---	101	6	PQ MONTREAL
1818	OCT	11	46.90 71.20	---	101	4	PQ N. OF QUEBEC CITY
1819	AUG	15	45.60 74.30	---	101	3	PQ ST. ANDREWS
1819	NOV	10	45.50 73.60	---	101	3	PQ MONTREAL
1821	FEB	20	46.80 71.20	---	101	3	PQ QUEBEC CITY
1831	MAY	08	47.30 70.50	---	101	7	PQ ILE AUX COUDRES
1831	JUL	14	47.60 70.10	---	101	7	PQ LA MALBAIE
1833	MAR	---	47.70 70.20	---	101	4	PQ LA MALBAIE
1833	APR	---	47.70 70.20	---	101	4	PQ LA MALBAIE
1842	NOV	09	46.00 73.20	---	101	6	PQ MONTREAL-TROIS RIVIERES
1844	NOV	---	45.50 73.60	---	101	4	PQ MONTREAL
1847	NOV	---	45.50 73.60	---	101	3	PQ MONTREAL
1848	MAY	23	45.50 73.60	---	101	3	PQ MONTREAL
1848	NOV	06 10 15	47.60 69.90	---	101	2	PQ GRAND ISLAND
1848	DEC	11 08 00	45.50 73.60	---	101	3	PQ MONTREAL
1851	JAN	30 22 00	45.60 74.30	---	101	3	PQ ST. ANDREWS
1852	FEB	11 10 40	45.60 73.80	---	101	3	PQ ST. MARTIN
1853	JUL	---	47.50 70.00	---	101	3	PQ LA MALBAIE
1854	DEC	05 03 00	45.10 74.20	---	101	3	PQ HUNTINGDON
1855	JAN	13 10 40	45.60 73.80	---	101	3	PQ ST. MARTIN
1855	FEB	19	45.50 73.60	---	101	2	PQ MONTREAL
1858	MAY	10	45.50 72.10	---	101	3	PQ RICHMOND
1858	MAY	17 20 00	45.50 72.10	---	101	4	PQ RICHMOND
1858	SEP	15 21 30	47.60 69.80	---	101	3	PQ KAMOURASKA
1859	---	---	48.70 68.00	---	101	3	PQ METIS
1860	OCT	17 11 15	47.50 70.10	---	101	8-9	PQ RIVIERE QUELLE
1861	OCT	14 03	45.60 73.70	---	101	5	PQ ILE JESUS
1864	APR	20 18 15	46.90 71.20	---	101	6	PQ N. OF QUEBEC CITY
1864	APR	21 04 00	48.50 68.40	---	101	3	PQ PTE. AU PERES
1864	OCT	21 09 10	45.50 73.60	---	101	4	PQ MONTREAL
1866	NOV	09 16 10	46.80 71.20	---	101	4	PQ QUEBEC CITY
1869	DEC	---	47.50 70.50	---	101	5	PQ BAIE ST. PAUL
1870	MAR	04	45.50 73.60	---	101	2	PQ MONTREAL
1870	OCT	20 16 30	47.40 70.50	---	101	9	PQ BAIE ST. PAUL
1870	OCT	26	X 47.40 70.50	---	101	4	PQ BAIE ST. PAUL
1870	DEC	26 18 30	46.80 71.20	---	101	4	PQ QUEBEC CITY
1871	JAN	09	47.50 70.10	---	101	5	PQ KAMOURASKA
1871	FEB	16	47.50 70.40	---	101	4	PQ ILE AUX COUDRES
1871	FEB	17	X 47.50 70.40	---	101	3	PQ ILE AUX COUDRES
1871	MAY	20 07 00	46.80 71.20	---	101	4	PQ QUEBEC CITY
1871	MAY	20 08 20	X 46.80 71.20	---	101	3	PQ QUEBEC CITY
1872	JAN	10 00 54	47.50 70.50	---	10	7	PQ BAIE ST. PAUL
1873	FEB	26	46.80 71.20	---	101	2	PQ BEAUPORT
1873	MAR	22 04 30	45.50 73.60	---	101	3	PQ MONTREAL
1873	SEP	30 11 50	46.50 76.00	---	101	4	PQ GATINEAU RIVER VALLEY
1873	SEP	30 11 50	45.50 73.20	---	101	4	PQ ST. HYACINTHE
1874	FEB	01 19 30	48.60 71.50	---	101	3	PQ RIMOUSKI
1874	FEB	20 00	48.60 68.50	---	101	3	PQ RIMOUSKI
1874	JUL	31 09 00	46.70 71.90	---	101	4	PQ PORTNEUF
1874	AUG	03	46.70 71.90	---	101	4	PQ PORTNEUF
1875	APR	30	45.10 74.50	---	101	3	PQ HUNTINGDON
1877	JUL	17 08 00	47.80 69.60	---	101	3	PQ RIVIERE DU LOUP
1877	NOV	04 06 56	45.20 73.90	---	101	7	PQ HOWICK
1879	APR	08 05 00	47.40 70.50	---	101	3	PQ BAIE ST. PAUL
1879	JUN	11	45.60 73.60	---	101	4	PQ MONTREAL
1880	SEP	06 05 30	45.20 73.80	---	101	4	PQ MONTREAL-HUNTINGDON
1880	NOV	25 04 45	46.80 71.20	---	101	3	PQ QUEBEC CITY
1880	NOV	28 13 30	47.40 70.50	---	101	4	PQ BAIE ST. PAUL
1880	DEC	30	49.30 67.30	---	101	3	PQ POINTE DES MONTS
1881	APR	07 05 01	47.40 70.50	---	101	2	PQ BAIE ST. PAUL
1881	MAY	31 08 30	47.10 70.40	---	101	2	PQ L'ISLET
1881	MAY	31 09 30	47.60 70.10	---	101	2	PQ LA MALBAIE
1881	OCT	01 06 40	47.60 70.20	---	101	4	PQ LA MALBAIE
1881	DEC	04 23 30	45.10 74.20	---	101	3	PQ HUNTINGDON
1882	FEB	26 23 25	47.60 70.10	---	101	2	PQ LA MALBAIE
1882	AUG	10 23 00	49.30 67.30	---	101	3	PQ POINTE-DES-MONTS
1882	AUG	15 15 30	49.30 67.30	---	101	4	PQ POINTE-DES-MONTS
1882	SEP	20 17 00	X 49.30 67.30	---	101	3	PQ POINTE-DES-MONTS
1882	OCT	10 11 00	45.50 73.60	---	101	2	PQ MONTREAL
1883	JAN	09 08 00	45.10 74.20	---	101	2	PQ HUNTINGDON
1883	MAR	11 15 57	45.40 72.50	---	101	3	PQ WATERLOO
1883	MAR	12	45.10 74.50	---	101	4	PQ DUNDEE
1883	MAR	23 14 25	45.10 74.20	---	101	2	PQ HUNTINGDON
1883	OCT	15	49.30 67.30	---	101	3	PQ POINTE-DES-MONTS
1883	NOV	05	X 49.30 67.30	---	101	3	PQ POINTE-DES-MONTS
1883	NOV	22 16 00	X 49.30 67.30	---	101	3	PQ POINTE-DES-MONTS
1883	DEC	23 01 00	X 49.30 67.30	---	101	3	PQ POINTE-DES-MONTS
1884	FEB	16 14 00	49.30 67.30	---	101	2	PQ POINTE-DES-MONTS
1884	OCT	24 05 15	45.10 74.20	---	101	3	PQ HUNTINGDON
1884	OCT	24 14 00	45.10 74.20	---	101	3	PQ HUNTINGDON
1884	NOV	21 23 30	49.30 67.30	---	101	2	PQ POINTE-DES-MONTS
1884	NOV	22	48.80 64.50	---	101	3	PQ GASPE
1885	FEB	03 05 20	45.10 74.20	---	101	3	PQ HUNTINGDON
1885	FEB	25 17 30	45.10 74.20	---	101	3	PQ HUNTINGDON
1885	MAR	19 00 45	49.30 67.30	---	101	2	PQ POINTE-DES-MONTS
1885	MAR	24 01 22	45.10 74.20	---	101	3	PQ HUNTINGDON
1885	APR	16 14 00	47.50 70.20	---	101	3	PQ LA MALBAIE
1885	APR	26 10 30	49.30 67.30	---	101	3	PQ POINTE-DES-MONTS
1886	MAR	21 22 00	49.30 67.30	---	101	2	PQ POINTE-DES-MONTS
1886	MAY	16 15 25	49.30 67.30	---	101	2	PQ POINTE-DES-MONTS

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG. (KM.)	REF.	VAL. TYPE	(MM) REF.	
1886	MAY	18 19 30	49.30 67.30	101	---	4 101	PQ POINTE-DES-MONTS 24
1886	AUG	12 ---	46.00 74.00	101	---	4 101	PQ STE. ADELE
1886	OCT	27 ---	49.30 67.30	101	---	2 101	PQ POINTE-DES-MONTS
1887	JAN	07 11 40	49.30 67.30	101	---	2 101	PQ POINTE-DES-MONTS
1887	JAN	21 19 47	49.30 67.30	101	---	2 101	PQ POINTE-DES-MONTS
1887	FEB	15 18 30	49.10 66.50	101	---	3 101	PQ STE-ANNE-DES-MONTS
1887	FEB	16 19 08	49.30 67.30	101	---	2 101	PQ POINTE-DES-MONTS
1887	FEB	22 22 59	49.30 67.30	101	---	4 101	PQ POINTE-DES-MONTS
1887	MAR	11 ---	47.50 70.50	101	---	4 101	PQ BAIE ST. PAUL
1887	MAY	27 06 15	47.40 70.50	101	---	5 101	PQ BAIE ST. PAUL
1887	JUL	01 03 20	49.30 67.30	101	---	2 101	PQ POINTE-DES-MONTS
1888	JAN	06 19 30	45.10 74.20	101	---	2 101	PQ HUNTINGDON
1888	MAR	02 21 30	45.10 74.20	101	---	3 101	PQ HUNTINGDON
1888	APR	19 05 30	47.40 70.50	101	---	4 101	PQ BAIE ST. PAUL
1888	JUL	01 21 00	45.50 73.60	101	---	2 101	PQ MONTREAL
1888	DEC	07 14 25	48.50 68.70	101	---	4 101	PQ RIMOUSKI
1890	MAY	18 01 30	49.30 67.30	101	---	3 101	PQ POINTE-DES-MONTS
1890	SEP	26 08 03	45.50 73.60	101	---	3 101	PQ MONTREAL
1890	OCT	29 22 30	45.60 75.90	101	---	3 101	PQ MEACH LAKE-HULL
1892	JUL	27 03 00	47.80 69.50	101	---	3 101	PQ RIVIERE-DU-LOOP
1892	DEC	26 ---	45.10 74.30	101	---	3 101	PQ HUNTINGDON
1893	NOV	27 16 50	45.50 73.30	101	---	7 101	PQ MONTREAL
1894	JAN	11 09 07	49.70 66.80	101	---	4 101	PQ SEPT ILES
1894	AUG	27 05 44	45.50 73.60	101	---	3 101	PQ MONTREAL
1894	NOV	--- 12 00	47.40 70.00	101	---	3 101	PQ LA POCAITIERS
1895	APR	17 16 15	45.60 73.30	101	---	4 101	PQ MONTREAL
1895	DEC	09 05 25	45.60 73.30	101	---	3 101	PQ MONTREAL
1897	MAR	23 23 07	45.50 73.60	101	---	7 101	PQ MONTREAL
1897	MAR	26 05 04	X 45.50 73.60	101	---	4 101	PQ MONTREAL
1897	MAR	28 03 14	X 45.50 73.60	101	---	7 101	PQ MONTREAL
1898	JAN	07 06 00	X 45.10 74.30	101	---	4 101	PQ HUNTINGDON
1898	NOV	--- 12 00	47.40 70.00	101	---	3 101	PQ LA POCAITIERS
1902	FEB	03 12 00	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1906	NOV	17 14 00	45.60 75.40	101	---	4 101	PQ BUCKINGHAM
1906	DEC	21 ---	47.70 70.80	101	---	3 101	PQ BAIE ST. PAUL
1907	APR	--- ---	47.60 70.10	101	---	2 101	PQ LA MALBAIE
1907	AUG	05 12 43	47.70 70.20	101	---	4 101	PQ LA MALBAIE
1908	MAR	10 ---	47.40 70.50	101	---	4 101	PQ BAIE ST. PAUL
1909	FEB	01 04 30	45.50 73.60	101	---	3 101	PQ MONTREAL
1909	FEB	01 08 20	45.50 73.60	76	---	4 101	PQ MONTREAL
1909	MAY	10 02 20	46.10 74.30	79	---	4 101	PQ STE. AGATHE
1909	JUN	08 08 25	46.10 74.30	79	---	4 101	PQ STE. AGATHE
1910	FEB	--- ---	48.00 70.00	101	---	6 101	PQ N. OF ST. SIMEON
1910	OCT	25 09 30	47.60 69.80	101	---	5 101	PQ ST. PASCAL
1912	OCT	23 ---	49.50 68.00	101	---	4 101	PQ N. OF BAIE COMEAU
1913	JUN	08 06 30	45.70 74.40	101	---	4 101	PQ BROWNSBURG
1914	FEB	10 18 31	46.00 75.00	79 5.0	G 7	101	PQ NE. OF ST. ADELE
1914	FEB	14 09 34	46.40 73.60	101	---	5 101	PQ N. OF STE. ENELIE
1914	APR	12 20 20	49.30 67.70	101	---	4 101	PQ GODBOUT
1915	AUG	06 21 35	46.80 71.20	101	---	3 101	PQ QUEBEC CITY
1916	FEB	29 05 15	46.80 70.90	101	---	4 101	PQ QUEBEC CITY
1916	APR	24 16 07	47.00 77.00	101	---	5 101	PQ CABONGA RESERVOIR
1917	JAN	26 07 35	46.80 74.50	101	---	5 101	PQ MONT-TREMBLANT
1917	JUN	12 02 00	49.00 68.00	101	---	5 101	PQ GODBOUT
1918	JUL	23 12 00	46.90 71.40	101	---	4 101	PQ LORETTEVILLE
1919	OCT	26 10 28	47.60 70.00	101	---	4 101	PQ RIVIERE OUELLE
1920	FEB	06 ---	48.20 69.70	101	---	4 101	PQ TADDOUSAC
1920	NOV	08 19 26	46.00 73.40	101	---	4-5 101	PQ ST. THOMAS-DE-JOLIETTE
1921	AUG	27 08 12	47.00 76.00	101	---	4-5 101	PQ CABONGA RESERVOIR
1923	SEP	27 09 20	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1924	MAR	04 19 15	47.80 70.20	101	---	5 101	PQ N. OF LA MALBAIE
1924	JUL	15 00 10	45.70 76.50	101	---	5-6 101	PQ SHAWVILLE
1924	SEP	30 08 52	47.80 69.80	103	5.5	B 7-8 79	PQ ILE AUX LIEVRES
1925	MAR	01 02 19	47.80 69.90	32	6.6	C 9 101	PQ LA MALBAIE
1925	MAR	01 04 30	X 47.80 69.90	101	---	6 101	PQ LA MALBAIE
1925	MAR	01 05 25	X 47.80 69.90	101	---	4-5 101	PQ LA MALBAIE
1925	MAR	01 07 25	X 47.80 69.90	101	---	4-5 101	PQ LA MALBAIE
1925	MAR	01 13 21	X 47.80 69.90	101	---	4 101	PQ LA MALBAIE
1925	MAR	07 02 30	X 47.80 69.90	101	---	5 101	PQ LA MALBAIE
1925	MAR	14 10 18	X 47.80 69.90	101	---	4 101	PQ LA MALBAIE
1925	MAR	17 14 45	X 47.80 69.90	101	---	4 101	PQ LA MALBAIE
1925	MAR	18 13 15	X 47.80 69.90	101	---	4 101	PQ LA MALBAIE
1925	MAR	21 15 22	X 47.80 69.90	101	---	6 101	PQ LA MALBAIE
1925	APR	26 04 50	X 47.80 69.90	101	---	4 101	PQ LA MALBAIE
1925	MAY	06 09 14	46.90 71.60	101	---	3 101	PQ QUEBEC CITY
1925	JUL	06 09 33	X 47.80 69.90	101	---	4 101	PQ LA MALBAIE
1925	JUL	20 ---	46.90 71.30	101	---	3 101	PQ NW. OF QUEBEC CITY
1925	JUL	27 02 20	X 47.60 70.10	101	---	4 101	PQ LA MALBAIE
1925	OCT	01 13 58	46.90 71.20	101	---	2 101	PQ QUEBEC CITY
1925	OCT	09 05 00	46.80 71.20	101	---	4 101	PQ QUEBEC CITY
1925	OCT	19 12 05	47.00 73.00	101	---	5 101	PQ NW. OF SHAWINIGAN FALLS
1925	OCT	27 ---	48.60 71.70	101	---	3 101	PQ ISLE MALIGNE
1926	FEB	19 20 20	47.70 71.00	101	---	4 101	PQ QUEBEC CITY-CHICOUTINI
1926	FEB	21 21 55	47.60 70.90	101	---	4 101	PQ QUEBEC CITY-CHICOUTINI
1926	MAR	01 ---	46.90 71.20	101	---	3 101	PQ QUEBEC CITY
1926	MAR	16 04 42	46.90 71.20	101	---	3 101	PQ QUEBEC CITY
1926	JUL	04 08 20	45.40 71.90	101	---	3 101	PQ SHERBROOKE
1926	JUL	18 06 00	47.00 71.50	101	---	4 101	PQ QUEBEC CITY
1926	SEP	21 11 30	48.00 70.50	101	---	4 101	PQ NW. OF LA MALBAIE
1926	OCT	27 18 40	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1926	OCT	27 19 20	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1926	DEC	08 03 52	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1926	DEC	20 16 28	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1926	DEC	29 01 21	46.80 71.20	101	---	3 101	PQ QUEBEC CITY
1926	DEC	29 01 22	46.80 71.20	101	---	3 101	PQ QUEBEC CITY
1926	DEC	29 01 25	46.80 71.20	101	---	3 101	PQ QUEBEC CITY
1927	JAN	09 04 45	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1927	FEB	05 15 30	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1927	FEB	06 16 20	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1927	FEB	09 23 30	47.60 70.10	101	---	3 101	PQ LA MALBAIE
1927	FEB	10 00 40	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1927	FEB	16 12 30	45.40 75.70	101	---	2 101	PQ HULL
1927	FEB	24 18 14	46.80 71.20	101	---	2 101	PQ QUEBEC
1927	MAR	20 ---	47.60 70.10	101	---	3 101	PQ LA MALBAIE
1927	MAY	23 02 09	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1927	MAY	23 18 14	46.80 71.20	101	---	2 101	PQ QUEBEC CITY
1927	JUL	25 00 56	47.30 71.10	101	---	5 101	PQ SW. OF BAIE ST. PAUL
1927	AUG	18 03 57	46.80 71.20	101	---	3 101	PQ QUEBEC CITY
1928	JAN	27 ---	48.00 70.20	102	---	4 102	PQ N. OF LA MALBAIE
1928	MAR	19 19 07	46.60 72.50	102	---	2 102	PQ ST. NARCISSE
1929	MAY	11 09 30	45.40 71.90	102	---	4 102	PQ W. SHERBROOKE
1929	SEP	09 01 59	48.7 46.40 76.00	102	---	2 102	PQ NANTAWAKI
1929	SEP	09 18 43	46.20 76.00	102	---	2 102	PQ BURBIDGE

YEAR	DATE	ORIGIN	TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY		
MONTH	DAY	HR.	MIN.	SEC. N. LAT. W. LONG. (KM.) REF. VAL. TYPE (MM) REF.						
1929	DEC 05	15	36	45.40 71.90	102	---	2 102	PQ SHERBROOKE 25		
1930	JUN 19	12	06	45.70 71.20	79	3.6	G	PQ NE. OF SHERBROOKE		
1930	JUL 13	04	52	47.50 69.80	102	3.1	G	PQ KAMOURASKA		
1930	OCT 08	01	08	48.90 68.70	102	3.9	G	PQ RIVIERE BERSIMIS		
1930	NOV 22	05	13	47.40 70.50	102	2.3	G	PQ BAIE ST. PAUL		
1930	DEC 13	23	18	47.70 70.20	102	3.5	G	PQ MURRAY BAY		
1930	DEC 19	01	34	47.70 70.10	102	2.6	G	PQ LA MALBAIE		
1930	DEC 25	22	07	47.30 70.40	103	4.6	G	PQ ILE AUX COUDRES		
1931	JAN 08	00	13	47.30 70.40	103	5.4	G	PQ ILE AUX COUDRES		
1931	JAN 24	12	29	47.30 70.40	103	3.4	G	PQ ILE AUX COUDRES		
1931	MAR 20	13	14	47.80 70.00	102	3.1	G	PQ LA MALBAIE		
1931	APR 30	05	57	47.40 70.50	102	2.4	G	PQ BAIE ST. PAUL		
1931	JUL 24	20	11	47.40 70.50	102	3.0	G	PQ BAIE ST. PAUL		
1931	AUG 20	01	12	47.40 70.50	102	2.5	G	PQ BAIE ST. PAUL		
1931	SEP 23	22	47	47.00 76.10	102	4.5	G	PQ KAZABAZUA		
1931	NOV 08	04	08	47.40 70.50	102	2.8	G	PQ BAIE ST. PAUL		
1931	NOV 14	14	02	47.30 70.20	102	3.4	G	PQ BAIE ST. PAUL		
1932	JAN 05	06	14	47.40 70.50	102	2.1	G	PQ BAIE ST. PAUL		
1932	JAN 05	14	15	47.70 70.00	102	3.2	G	PQ LA MALBAIE		
1932	MAR 09	05	23	46.50 74.70	32	3.8	G	PQ LABELLE		
1932	JUL 27	00	30	47.50 70.50	102	---	F 2 102	PQ BAIE ST. PAUL		
1932	AUG 02	07	37	47.50 70.50	102	3.0	G	PQ BAIE ST. PAUL		
1932	NOV 26	05	01	47.50 70.50	102	2.7	G	PQ BAIE ST. PAUL		
1933	JAN 11	23	32	47.50 70.50	102	---	3 102	PQ BAIE ST. PAUL		
1933	JAN 30	04	22	47.50 70.50	102	2.8	G	PQ BAIE ST. PAUL		
1933	FEB 25	09	43	47.40 69.90	102	3.4	G	PQ ST. PACOME		
1933	OCT 30	00	53	47.50 70.50	102	2.6	G	PQ BAIE ST. PAUL		
1935	NOV 01	06	03	34.2 46.90 79.10	32	6.2	C	7 102	PQ TIMISKAMING	
1935	NOV 01	17	02	X 46.90 79.10	102	4.6	G	---	PQ TIMISKAMING	
1935	NOV 02	00	42	X 46.90 79.10	102	4.7	G	---	PQ TIMISKAMING	
1935	NOV 02	13	51	X 46.90 79.10	102	3.0	G	---	PQ TIMISKAMING	
1935	NOV 02	13	55	X 46.90 79.10	102	2.7	G	---	PQ TIMISKAMING	
1935	NOV 02	14	31	47.20 78.20	79	5.4	G	F 102	PQ NE. OF TIMISKAMING	
1935	NOV 05	10	10	X 46.90 79.10	102	4.5	G	---	PQ TIMISKAMING	
1935	NOV 07	16	47	X 46.90 79.10	102	2.4	G	---	PQ TIMISKAMING	
1935	NOV 15	16	11	X 46.90 79.10	102	3.0	G	---	PQ TIMISKAMING	
1935	NOV 25	06	19	X 46.90 79.10	102	4.7	G	---	PQ TIMISKAMING	
1935	NOV 27	19	31	X 46.80 79.10	102	4.6	G	---	PQ TIMISKAMING	
1935	DEC 15	10	15	X 46.80 79.10	102	---	F 102	---	PQ TIMISKAMING	
1936	JAN 20	06	01	X 46.80 79.10	102	4.5	G	---	PQ TIMISKAMING	
1936	MAR 25	01	27	X 46.80 79.10	102	4.6	G	---	PQ TIMISKAMING	
1936	MAR 29	00	49	47.30 70.30	102	4.0	G	---	PQ ILE AUX COUDRES	
1936	SEP 18	15	00	47.50 70.50	102	---	2 102	---	PQ BAIE ST. PAUL	
1937	JAN 19	20	58	47.50 70.50	102	2.2	G	F 102	PQ BAIE ST. PAUL	
1937	JUL 14	23	01	45.40 74.00	102	2.8	G	F 102	PQ DORIAN	
1937	JUL 28	00	17	46.70 79.10	102	---	2-3 102	---	PQ TIMISKAMING	
1937	SEP 24	06	45	45.50 73.60	102	2.5	G	F 102	PQ MONTREAL	
1937	NOV 06	14	31	20.60 46.80 75.80	32	4.0	G	---	PQ BASKATONG RESERVOIR	
1937	NOV 12	14	43	40.40 46.00 74.50	32	3.6	G	---	PQ ST. JEROME	
1937	NOV 12	16	57	31.30 46.10 74.50	32	4.0	D	---	PQ ST. JEROME	
1938	FEB 23	17	56	46.40 75.40	102	3.2	G	---	PQ NOMINGUE	
1938	APR 12	18	55	46.90 79.10	102	3.2	G	F 102	PQ TIMISKAMING	
1938	MAY 17	18	32	49.00 68.00	102	4.6	G	---	PQ BAIE COMEAU	
1938	SEP 07	23	18	45.90 74.90	102	3.4	G	---	PQ NAMUR	
1938	SEP 28	04	33	48.80 69.60	102	4.1	G	---	PQ NW. OF SAULT-AU-MOUTON	
1938	NOV 26	07	47	47.00 76.20	102	4.2	G	---	PQ CABONGA RESERVOIR	
1938	DEC 25	07	46	47.60 75.40	102	3.9	G	---	PQ NW. OF BASKATONG RESERVOIR	
1939	JAN 15	01	28	45.00 74.00	102	2.7	G	---	PQ HUNTINGTON	
1939	JUN 24	17	20	47.30 70.40	103	4.8	G	---	PQ ILE AUX COUDRES	
1939	SEP 04	05	17	46.00 76.00	102	2.7	G	F 102	PQ KAZABAZUA	
1939	OCT 19	11	53	47.80 69.80	103	5.6	C	6 102	PQ ILE AUX LIEVRES	
1939	OCT 19	14	12	X 47.80 69.80	103	3.4	G	---	PQ ILE AUX LIEVRES	
1939	OCT 19	18	37	X 47.80 69.80	103	3.5	G	---	PQ ILE AUX LIEVRES	
1939	OCT 21	08	07	X 47.80 69.80	103	4.0	G	---	PQ ILE AUX LIEVRES	
1939	OCT 27	01	38	34.70 47.90 70.00	32	4.5	D	---	PQ LA MALBAIE	
1939	NOV 07	02	40	47.80 70.50	102	4.3	G	---	PQ W. OF LA MALBAIE	
1939	DEC 02	20	25	45.70 75.00	102	2.5	G	---	PQ ST. ANDRE AVELLIN	
1939	DEC 08	01	17	48.00 71.40	102	3.6	G	---	PQ CHICOUTIMI RIVER	
1939	DEC 25	10	29	48.00 70.50	102	4.1	G	---	PQ NW. OF LA MALBAIE	
1940	JAN 05	00	34	46.70 79.10	102	3.0	G	F 102	PQ TIMISKAMING	
1940	FEB 10	20	57	46.50 76.80	102	4.0	G	---	PQ N. OF WALTHAM	
1940	APR 13	08	13	47.70 70.70	102	3.8	G	---	PQ NW. OF BAIE ST. PAUL	
1940	MAY 16	14	00	45.80 73.20	102	3.6	G	---	PQ L'ASSOMPTION	
1940	JUN 25	09	50	47.20 70.90	102	2.5	G	---	PQ SEVEN FALLS	
1940	AUG 04	16	20	46.30 74.80	102	3.1	G	---	PQ LABELLE	
1940	AUG 07	23	57	45.80 74.80	102	3.0	G	---	PQ MONTEBELLO	
1940	SEP 11	01	06	47.00 71.10	102	3.5	G	F 102	PQ QUEBEC CITY	
1940	OCT 13	19	50	47.80 69.80	103	4.7	G	---	PQ ILE AUX LIEVRES	
1941	MAR 04	18	01	46.10 76.20	102	2.8	G	---	PQ GRACEFIELD	
1941	MAR 05	07	29	46.30 75.50	102	3.0	G	---	PQ LAC-DU-CERF	
1941	JUN 22	09	59	47.70 70.60	102	3.0	G	---	PQ CLERMONT	
1941	JUN 26	04	05	47.40 76.80	102	4.1	G	---	PQ CABONGA RESERVOIR	
1941	JUL 05	12	08	47.40 70.50	102	2.7	G	---	PQ BAIE ST. PAUL	
1941	SEP 06	17	04	47.40 70.50	102	3.8	G	---	PQ BAIE ST. PAUL	
1941	OCT 06	16	34	47.60 70.70	102	4.0	G	---	PQ BAIE ST. PAUL	
1941	OCT 24	14	13	45.70 74.30	102	3.6	G	F 102	PQ LACHUTE	
1942	FEB 18	07	55	46.80 74.80	102	3.1	G	---	PQ STE. ANNE-DU-LAC	
1942	MAY 20	12	19	45.80 74.70	102	4.4	G	---	PQ KILNAR	
1942	AUG 26	17	54	46.80 77.50	102	4.1	G	---	PQ N. OF DEEP RIVER	
1942	SEP 05	14	30	47.00 71.50	102	3.1	G	---	PQ QUEBEC CITY	
1942	SEP 11	11	05	49.20 67.40	102	4.4	G	---	PQ GODBOUT	
1942	SEP 15	22	32	46.80 76.00	102	3.3	G	---	PQ BASKATONG RESERVOIR	
1942	NOV 16	00	13	46.40 75.10	102	3.6	G	---	PQ NOMINGUE	
1942	DEC 05	21	10	47.00 76.10	102	4.2	G	---	PQ BASKATONG RESERVOIR	
1943	FEB 28	16	40	46.50 75.80	102	3.7	G	---	PQ MONT LAURIER	
1943	SEP 25	05	52	47.60 70.70	102	3.3	G	---	PQ BAIE ST. PAUL	
1943	SEP 28	16	30	47.30 70.40	102	3.8	G	---	PQ ILE AUX COUDRES	
1943	NOV 06	00	06	47.40 70.10	102	3.9	G	---	PQ ILE AUX COUDRES	
1943	DEC 06	07	19	47.70 74.90	102	3.2	G	---	PQ PARENT	
1944	FEB 05	12	37	47.40 70.50	102	4.0	G	---	PQ BAIE ST. PAUL	
1944	MAR 08	12	49	46.70 78.90	102	4.1	G	F 102	PQ TIMISKAMING	
1944	APR 09	12	44	49.90 67.40	102	5.4	G	---	PQ RIVIERE PENTECOTE	
1944	JUN 09	15	19	47.30 70.30	102	3.7	G	---	PQ ILE AUX COUDRES	
1944	JUN 23	06	37	49.40 67.80	102	5.1	G	---	PQ GODBOUT	
1944	JUN 24	23	48	46.00 74.30	102	3.7	G	---	PQ LACHUTE	
1944	OCT 14	13	26	48.50 67.00	102	4.2	G	---	PQ BAIE COMEAU	
1945	JUN 12	07	58	47.10 75.40	102	4.3	G	---	PQ BASKATONG RESERVOIR	
1945	JUN 18	15	20	04.70 47.30 71.10	32	5.0	D	---	PQ QUEBEC CITY	
1945	JUL 02	13	29	48.50 76.80	102	3.9	G	---	PQ SENNETERRE	
1945	SEP 12	09	36	45.00 74.40	102	2.8	G	---	PQ HUNTINGDON	
1945	OCT 09	13	18	47.80 69.80	103	4.4	C	---	PQ ILE AUX LIEVRES	
1946	JAN 17	08	04	49.40 68.70	100	4.3	G	---	102	PQ NW. OF BAIE COMEAU
1946	FEB 13	15	10	X 45.00 74.70	102	---	2 102	---	PQ NE. OF MONTREAL	

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG. (KM.)	REF. VAL. TYPE (MM) REF.			
1946	SEP	01 04 39	47-30 71-50	102 3-3	G		PQ JACQUES CARTIER RIVER
1946	SEP	19 00 53	47-70 75-00	102 3-2	G		PQ PARENT
1946	SEP	26 21 19	46-40 72-20	102 3-4	G		PQ DESCAILLONS
1946	OCT	06 03 34	47-30 70-30	102 1-9	G		PQ BAIE ST. PAUL
1947	JAN	02 18 15	47-00 70-90	102	-	3 102	PQ STE. ANNE-DE-BEAUPRE
1947	JAN	19 00 45	46-80 76-70	102 3-9	G		PQ W. OF BASKATONG RESERVOIR
1947	FEB	02 16 50	47-70 70-50	102 4-2	G		PQ LA MALBAIE
1947	MAR	26 23 06	46-20 75-00	102 2-5	G		PQ LA CONCEPTION
1947	MAR	29 12 28	47-40 70-20	102 4-0	G		PQ ILE AUX COUDRES
1947	SEP	01 13 32	46-80 77-80	102 2-8	G		PQ LAC DUMOINE
1947	OCT	22 09 36	47-60 70-70	102 3-8	G		PQ BAIE ST. PAUL
1948	JAN	01 18 33	47-30 70-40	103 4-9	G		PQ ILE AUX COUDRES
1948	JAN	01 18 44	X 47-30 70-40	103 3-2	G		PQ ILE AUX COUDRES
1948	FEB	28 21 19	47-20 74-60	102 2-8	G		PQ MANOUANE
1948	MAY	07 12 02	45-86 73-69	132 4-0	G		PQ NNE. OF MONTREAL
1948	JUN	09 03 04	45-20 73-90	102 3-7	G		PQ HOWICK
1948	JUL	07 07 38	45-20 73-90	102 3-5	G		PQ HOWICK
1948	SEP	10 01 22	45-60 76-00	102 2-2	G		PQ GATINEAU PARK
1948	NOV	13 16 49	46-70 70-30	102 3-5	G		PQ ST. PAUL-DE-MONTMAY
1949	OCT	30 20 51	46-50 72-10	102 3-4	G		PQ PARISVILLE
1950	JAN	06 23 18	46-30 77-60	102 2-3	G		PQ RAPIDES-DES-JOACHIMS
1950	MAR	06 16 14	46-00 74-50	102 4-0	G		PQ STE. AGATHE
1950	APR	14 18 20	47-80 75-50	102 4-9	G		PQ GATINEAU RIVER
1950	JUN	29 09 13	49-90 68-10	102 4-8	G		PQ TOLNUSTOUC RIVER
1950	AUG	04 06 45	47-30 70-30	102 3-2	G		PQ S. OF ILE AUX COUDRES
1951	JUN	28 01 03	50-00 67-50	102 4-8	G		PQ SEPT ILES
1951	JUL	25 00 22	47-20 71-40	102 3-3	G		PQ JACQUES CARTIER RIVER
1951	JUL	25 06 49	X 47-20 71-40	102 2-7	G		PQ JACQUES CARTIER RIVER
1951	AUG	08 09 36	45-90 74-70	102 3-3	G		PQ ARUNDEL
1951	SEP	19 08 19	49-30 66-30	102 5-1	G		PQ STE. ANNE-DES-MONTS
1951	SEP	25 15 45	46-20 75-40	102 3-7	G		PQ NOTRE-DAME-DU-LAUS
1951	DEC	28 22 33	45-80 74-50	102 2-7	G		PQ ARUNDEL
1951	DEC	31 20 15	45-80 74-50	102 2-9	G		PQ ARUNDEL
1952	JAN	24 09 29	47-00 77-00	102 2-8	G		PQ CABONGA RESERVOIR
1952	FEB	02 06 20	46-90 70-50	102 2-5	G		PQ MONTMAGNY
1952	FEB	02 10 55	46-90 70-50	102 2-5	G		PQ MONTMAGNY
1952	FEB	02 11 15	46-90 70-50	102 2-3	G		PQ MONTMAGNY
1952	FEB	03 02 33	46-90 70-50	102 2-8	G		PQ MONTMAGNY
1952	FEB	26 05 56	46-80 70-20	102 3-7	G		PQ STE. APOLLINE
1952	MAR	17 04 14	47-10 76-20	102 3-8	G		PQ CABONGA RESERVOIR
1952	MAR	30 13 11	47-80 69-90	102 4-4	G		PQ RIVIERE-DU-LOUP
1952	APR	19 02 50	47-50 70-60	102 3-8	G		PQ BAIE ST. PAUL
1952	APR	20 19 06	X 47-50 70-70	102 3-5	G		PQ BAIE ST. PAUL
1952	APR	26 04 59	47-00 78-50	102 3-7	G		PQ NE. OF TIMISKAMING
1952	JUL	19 01 16	46-90 75-80	32 4-5	D	F 102	PQ BASKATONG RESERVOIR
1952	OCT	14 22 03	47-80 69-80	103 5-6	G	5 102	PQ ILE AUX LIEVRES
1953	JAN	24 09 58	49-10 66-00	102 5-3	G		PQ MARSOUT
1953	FEB	28 06 24	48-10 74-40	102 3-5	G		PQ PARENT
1953	SEP	14 22 52	49-10 65-20	102 5-1	G	5 102	PQ GRANDE-VALLEE
1953	NOV	28 15 47	45-90 73-10	102 2-7	G		PQ ST. NAURICE RIVER
1954	JAN	10 21 04	49-20 68-20	102 3-9	G		PQ BAIE COMEAU
1954	FEB	07 20 24	47-60 70-30	102 3-8	G		PQ POINTE-AU-PIC
1954	FEB	21 09 00	47-70 70-60	102 3-5	G		PQ ST. URBAIN
1954	MAR	28 00 58	47-60 70-10	102 1-9	G		PQ LA MALBAIE
1954	APR	12 21 22	47-00 76-10	32 4-5	D		PQ BASKATONG RESERVOIR
1954	JUN	26 07 44	46-70 75-00	102 2-4	G		PQ STE. VERONIQUE
1954	JUN	30 07 41	47-00 70-10	102 3-7	G		PQ ST. CYRILLE
1954	SEP	08 01 29	49-00 68-40	102 4-3	G		PQ BAIE COMEAU
1954	SEP	11 18 55	55-60 47-40	32 4-5	D		PQ W. OF BASKATONG RESERVOIR
1955	FEB	01 12 40	47-70 70-50	102 4-0	G		PQ BAIE ST. PAUL
1955	FEB	01 12 45	X 47-70 70-50	102 2-7	G		PQ BAIE ST. PAUL
1955	FEB	01 20 48	X 47-70 70-50	102 3-2	G		PQ BAIE ST. PAUL
1955	MAR	03 21 03	45-80 74-70	102 2-0	G		PQ STE. AGATHE
1955	APR	03 06 14	45-80 74-60	102 2-0	G		PQ STE. AGATHE
1955	OCT	07 18 09	45-20 73-90	102 3-5	G		PQ W. OF MONTREAL
1955	OCT	20 20 58	48-90 70-20	102 3-2	G		PQ PORTNEUF RIVER
1955	OCT	20 21 16	48-90 70-20	102 3-3	G		PQ PORTNEUF RIVER
1955	OCT	20 21 31	48-90 70-20	102 3-4	G		PQ PORTNEUF RIVER
1955	NOV	01 07 45	46-50 75-90	102 3-5	G	F 102	PQ MANIWAKI
1955	NOV	26 06 50	46-30 73-40	102 2-0	G		PQ ST. GABRIEL
1955	DEC	03 11 38	45-70 75-10	102 2-4	G		PQ NE. OF BUCKINGHAM
1956	JAN	30 09 43	47-10 71-20	102 3-7	G	F 102	PQ QUEBEC CITY
1956	MAY	12 00 39	47-90 72-40	102 2-6	G		PQ KISKISINK
1956	MAY	26 00 44	45-50 73-60	102 1-6	G	F 102	PQ MONTREAL
1956	JUN	15 00 53	47-10 76-40	102 3-9	G		PQ CABONGA RESERVOIR
1956	AUG	03 12 51	49-40 66-20	102 4-1	G		PQ S. OF SEPT ILES
1956	AUG	03 12 52	49-40 66-20	102 4-3	G		PQ S. OF SEPT ILES
1956	OCT	10 05 51	47-30 70-30	102 2-7	G		PQ ILE AUX COUDRES
1956	OCT	27 14 40	48-30 69-00	102 3-4	G		PQ TROIS-PISTOLES
1956	OCT	27 15 03	48-30 69-00	102 3-4	G		PQ TROIS-PISTOLES
1956	NOV	04 11 53	46-00 75-40	32 4-0	D		PQ MANIWAKI
1956	NOV	16 07 17	46-20 74-80	102 2-9	G		PQ NW. OF STE. AGATHE
1956	DEC	28 01 41	45-20 74-30	102 2-7	G		PQ HUNTINGTON
1957	FEB	19 05 18	48-40 69-90	102 3-5	G		PQ NW. OF TADOUSSAC
1957	MAY	13 08 07	46-60 74-10	102 2-8	G		PQ ST. ZENON
1957	MAY	25 12 27	46-00 74-30	102 2-8	G		PQ STE. ADELE
1957	AUG	06 23 50	47-50 70-40	102 4-0	G		PQ BAIE ST. PAUL
1957	AUG	17 01 30	46-70 70-10	102 3-3	G		PQ LAC-FRONTIERE
1957	OCT	09 14 16	48-40 69-90	102 3-1	G		PQ NW. OF TADOUSSAC
1957	NOV	02 04 00	46-20 75-00	102 2-6	G		PQ LABELLE
1957	NOV	13 20 45	48-70 69-60	102 3-3	G		PQ NW. OF SAULT-AU-MOUTON
1957	NOV	13 20 49	48-70 69-60	102 3-5	G		PQ NW. OF SAULT-AU-MOUTON
1957	NOV	13 20 54	X 48-70 69-60	102 3-3	G		PQ NW. OF SAULT-AU-MOUTON
1958	FEB	02 01 54	46-60 75-40	102 2-8	G		PQ MONT LAURIER
1958	MAR	01 17 41	46-90 76-00	102 3-9	G		PQ BASKATONG RESERVOIR
1958	APR	07 07 42	46-20 75-20	102 2-7	G		PQ N. OF CHENEVILLE
1958	MAY	06 16 02	48-60 70-30	102 3-7	G		PQ NE. OF CHICOUTIMI
1958	MAY	06 16 11	X 48-60 70-30	102 3-5	G		PQ NE. OF CHICOUTIMI
1958	MAY	06 16 31	X 48-60 70-30	102 3-4	G		PQ NE. OF CHICOUTIMI
1958	MAY	14 17 41	16-70 47-10	32 5-0	D		PQ BARK LAKE
1958	JUL	13 21 32	46-20 76-40	102 2-4	G		PQ LAC-DUMONT
1958	JUL	18 23 56	46-70 71-40	102 3-2	G		PQ QUEBEC CITY
1958	JUL	25 03 45	46-60 75-80	102 3-8	G		PQ MANIWAKI
1958	JUL	27 08 58	47-30 70-30	102 3-0	G		PQ ILE AUX COUDRES
1958	AUG	08 22 15	47-90 70-40	102 4-0	G		PQ RIVIERE MALBAIE
1958	AUG	12 03 22	48-60 69-40	102 3-9	G		PQ SAULT-AU-MOUTON
1958	SEP	11 17 34	48-50 69-70	102 3-5	G		PQ W. OF SAULT-AU-MOUTON
1958	SEP	11 17 41	48-50 69-70	102 3-5	G		PQ W. OF SAULT-AU-MOUTON
1958	SEP	11 17 49	48-50 69-70	102 3-9	G		PQ W. OF SAULT-AU-MOUTON
1958	SEP	29 10 45	48-40 69-30	102 3-8	G		PQ N. OF TROIS-PISTOLES
1958	SEP	30 00 13	45-20 73-70	102 3-7	G	F 102	PQ BEAUMARNOIS
1958	OCT	21 09 32	49-60 68-00	102 4-1	G		PQ NNE. OF BAIE COMEAU
1958	OCT	22 08 34	45-90 74-50	102 2-4	G		PQ STE. AGATHE

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
	MONTH DAY	HR. MIN. SEC.	N. LAT. W. LONG.	(KM.)	REF. VAL. TYPE	(MM) REF.	
1958	DEC 23	23 14	47.00 69.80	102	3.7 G	---	PQ STE. FELICITE 27
1959	APR 16	16 36	47.10 70.30	102	3.5 G	---	PQ BONSECOURS
1959	MAY 14	14 23	47.00 70.30	102	2.5 G	---	PQ BONSECOURS
1959	MAY 21	09 38	46.60 76.50	102	3.9 G	---	PQ NW. OF MANIWAKI
1959	MAY 24	10 52	48.80 79.20	102	3.5 G	F 102	PQ LA SARRE
1959	MAY 29	02 16	46.50 76.70	102	3.0 G	---	PQ NW. OF MANIWAKI
1959	AUG 01	13 52	48.40 68.30	102	4.1 G	---	PQ RIMOUSKI
1959	AUG 22	03 52	47.00 70.80	102	3.2 G	---	PQ ILE D'ORLEANS
1959	OCT 18	07 47	45.90 75.10	102	2.6 G	---	PQ CHENEVILLE
1960	JAN 20	20 07	47.00 75.70	61	3.7 G	---	PQ LAKE BASKATONG
1960	FEB 06	00 44	47.80 70.40	61	3.3 G	---	PQ RIVIERE MALBAIE
1960	APR 01	17 11	46.90 75.60	61	2.5 G	---	PQ BASKATONG RESERVOIR
1960	APR 23	11 47	47.89 70.34 *	32	4.0 G	F 61	PQ LA MALBAIE
1960	JUL 09	07 34	46.30 73.00	61	2.6 G	---	PQ E. OF ST. GABRIEL
1960	JUL 23	05 49	45.70 73.70	61	2.9 G	---	PQ N. OF MONTREAL
1960	NOV 03	04 11	48.00 74.90	61	2.7 G	F 61	PQ PARENT
1960	DEC 19	19 27	45.80 75.20	61	2.9 G	---	PQ RIPPON
1961	AUG 22	18 55	47.30 70.50	62	3.4 G	---	PQ S. OF ILE AUX COUDRES
1961	OCT 07	22 36	48.70 76.60	62	3.8 G	---	PQ ENE. OF SENNETERRE
1962	JAN 27	12 11	45.90 74.90	63	4.3 G	F 63	PQ ARUNDEL
1962	MAR 23	02 02	47.20 69.50	63	3.3 G	---	PQ LAC DE L'EST
1962	JUN 03	20 09	47.00 70.00	63	2.9 G	---	PQ ST. CYRILLE
1962	JUN 21	02 06	47.60 72.60	32	3.2 D	5 63	PQ GRANBY
1962	JUL 27	17 56	47.30 70.70	63	4.3 G	---	PQ BAIE ST. PAUL
1962	AUG 11	03 05	47.50 70.10	63	4.1 G	---	PQ KAMOURASKA
1962	DEC 06	---	46.10 75.60	63	---	2 63	PQ CEDAR LAKE RESERVOIR
1963	AUG 26	02 41	45.90 74.90	64	2.2 G	---	PQ NAMUR
1963	AUG 26	16 29	45.20 74.00	64	3.5 G	F 64	PQ LERY
1963	OCT 19	06 29	50.00 67.80	64	2.9 G	---	PQ TOULNOSTOUC RIVER
1964	JAN 20	18 57	45.30 70.70	32	4.0 G	---	PQ CHARLESBOURG
1964	MAR 13	04 15	47.70 70.10	119	2.1 G	---	PQ LA MALBAIE
1964	APR 05	05 40	45.60 74.00	119	2.3 G	---	PQ MONTREAL
1964	APR 07	09 13	49.40 67.90	119	2.0 G	---	PQ GODBOUT
1964	JUN 27	19 17	47.80 79.20	119	3.7 G	---	PQ RENIGNY
1964	JUL 01	21 41	49.40 67.40	119	3.8 G	---	PQ BAIE TRINITE
1964	JUL 12	00 00	46.70 71.40	119	3.4 G	---	PQ ST. FOY
1964	JUL 24	10 34	46.70 76.30	119	3.3 G	---	PQ MANIWAKI
1964	AUG 04	04 49	46.30 75.10	119	2.3 G	---	PQ NOMININGUE
1964	AUG 25	11 18	46.30 75.10	119	2.5 G	---	PQ NOMININGUE
1964	SEP 09	06 16	48.40 73.90	119	3.1 G	---	PQ GOUIN RESERVOIR
1964	SEP 09	11 47	45.80 75.00	119	2.6 G	---	PQ CHENEVILLE
1964	OCT 03	21 37	45.30 73.80	119	2.3 G	---	PQ ST. REMI
1964	OCT 28	09 22	46.00 75.70	119	2.5 G	---	PQ KAZABAZUA
1964	NOV 01	17 06	45.60 76.30	119	2.1 G	---	PQ SHAWVILLE
1964	DEC 04	22 40	46.60 74.00	119	2.6 G	---	PQ ST. DONAT
1965	JAN 08	12 29	48.00 78.50	120	3.5 G	---	PQ MALARCTIC
1965	JAN 11	12 35	45.60 73.90	120	1.8 G	---	PQ MONTREAL
1965	FEB 03	09 44	46.00 76.80	120	2.8 G	---	PQ CHAPEAU
1965	MAR 01	02 22	47.50 71.30	120	3.1 G	---	PQ NW. OF SEVEN FALLS
1965	MAR 04	18 08	46.90 73.80	120	2.6 G	---	PQ MATTAWIN RESERVOIR
1965	MAR 05	12 11	47.70 78.80	120	3.2 G	---	PQ LAC SIMARD
1965	MAR 18	12 04	49.80 67.50	120	2.8 G	---	PQ RIVIERE-PENTECOTE
1965	MAR 18	12 09	49.80 67.50	120	3.1 G	---	PQ RIVIERE-PENTECOTE
1965	AUG 28	15 05	47.50 70.60	120	2.3 G	---	PQ BAIE ST. PAUL
1965	SEP 15	15 56	46.70 79.10	120	3.8 G	---	PQ TIMISKAMING
1965	OCT 05	14 36	49.80 67.70	120	4.6 G	---	PQ RIVIERE-PENTECOTE
1965	NOV 07	20 57	41.80 76.40	32	4.0 D	---	PQ BASKATONG RESERVOIR
1965	NOV 14	04 12	47.00 74.10	120	2.4 G	---	PQ ST. MICHEL-DES-SAINTS
1965	NOV 24	21 28	46.90 76.30	120	3.7 G	---	PQ BASKATONG RESERVOIR
1965	DEC 16	13 53	47.80 70.60	120	4.1 G	---	PQ BAIE ST. PAUL
1965	DEC 19	01 05	47.00 76.40	120	3.5 G	---	PQ CABONGA RESERVOIR
1966	JAN 14	15 29	48.90 67.50	121	4.5 G	---	PQ MATANE
1966	JAN 14	16 14	X 48.90 67.50	121	3.4 G	---	PQ MATANE
1966	MAR 19	22 51	46.60 74.80	121	2.7 G	---	PQ E. OF MONT LAURIER
1966	MAR 20	23 45	46.50 76.20	121	3.2 G	---	PQ W. OF MONT LAURIER
1966	JUN 19	19 24	47.00 70.20	121	2.5 G	---	PQ MONTMAGNY
1966	JUN 25	00 05	45.20 73.80	121	3.4 G	---	PQ HOWICK
1966	JUN 30	22 13	48.00 69.60	121	2.3 G	---	PQ RIVIERE-DU-LOUP
1966	JUL 12	01 06	49.50 66.00	121	3.3 G	---	PQ SE. OF SEPT ILES
1966	JUL 17	07 32	49.60 68.40	121	3.6 G	---	PQ NW. OF BAIE COMEAU
1966	JUL 20	20 08	47.80 70.00	121	3.2 G	---	PQ LA MALBAIE
1966	JUL 21	19 29	X 49.50 68.30	121	2.4 G	---	PQ NW. OF BAIE COMEAU
1966	JUL 24	22 19	49.60 68.60	121	3.7 G	---	PQ NW. OF BAIE COMEAU
1966	JUL 27	11 12	49.40 68.40	121	3.4 G	---	PQ NW. OF BAIE COMEAU
1966	AUG 16	01 02	49.50 68.50	121	3.2 G	---	PQ NW. OF BAIE COMEAU
1966	AUG 20	13 13	49.60 68.30	121	3.5 G	---	PQ NW. OF BAIE COMEAU
1966	SEP 11	04 25	46.50 77.00	121	2.4 G	---	PQ COULONGE RIVER
1966	SEP 19	21 33	47.30 70.30	121	2.8 G	---	PQ BAIE ST. PAUL
1966	SEP 23	01 20	46.00 75.20	121	2.3 G	---	PQ LAC GAGNON
1966	SEP 28	08 02	47.40 70.50	121	2.4 G	---	PQ BAIE ST. PAUL
1966	OCT 01	17 23	47.70 70.30	121	3.0 G	---	PQ W. OF CLERMONT
1966	OCT 02	05 19	46.90 70.40	121	2.0 G	---	PQ E. OF MONTMAGNY
1966	OCT 22	06 02	47.30 75.00	121	2.5 G	---	PQ NITCHINAMECUS RESERVOIR
1966	OCT 22	22 14	48.00 69.50	121	2.3 G	---	PQ RIVIERE-DU-LOUP
1966	NOV 13	15 43	47.00 76.30	121	3.6 G	---	PQ CABONGA RESERVOIR
1966	NOV 28	09 12	47.30 70.10	121	2.2 G	---	PQ NE. OF MONTMAGNY
1966	DEC 12	21 04	49.00 68.20	121	3.4 G	---	PQ BAIE COMEAU
1967	FEB 27	04 12	49.20 66.00	122	2.3 G	---	PQ NW. OF MURDOCKVILLE
1967	MAY 11	11 00	47.40 70.30	122	1.8 G	---	PQ BAIE ST. PAUL
1967	JUN 11	01 49	46.60 75.00	122	3.7 G	---	PQ MONT-LAURIER
1967	JUL 08	02 44	47.00 76.10	122	2.5 G	---	PQ BASKATONG RESERVOIR
1967	JUL 09	06 40	46.20 74.70	122	2.2 G	---	PQ MONT-TREMBLANT
1967	JUL 09	11 59	46.90 76.00	122	2.4 G	---	PQ BASKATONG RESERVOIR
1967	JUL 12	06 32	46.20 75.40	122	2.5 G	---	PQ NOTRE-DAME-DU-LAUS
1967	AUG 05	08 08	48.60 65.00	122	4.0 G	---	PQ SE. OF MURDOCKVILLE
1967	AUG 07	09 09	46.10 75.40	122	2.2 G	---	PQ NOTRE-DAME-DU-LAUS
1967	AUG 08	07 22	46.90 70.60	122	1.8 G	---	PQ E. OF QUEBEC CITY
1967	AUG 10	02 47	46.00 74.80	122	2.2 G	---	PQ MONT-TREMBLANT
1967	AUG 13	19 07	46.90 70.30	122	2.4 G	---	PQ E. OF QUEBEC CITY
1967	SEP 23	16 27	46.90 70.70	122	3.4 G	---	PQ E. OF QUEBEC CITY
1967	SEP 30	22 39	48.00 65.60	32	4.5 D	---	PQ S. OF SEPT ILES
1967	NOV 09	14 24	47.40 70.20	122	2.5 G	---	PQ BAIE ST. PAUL
1968	JAN 26	00 03	49.90 65.40	123	2.8 G	---	PQ SE. OF SEPT ILES
1968	FEB 02	02 13	47.60 70.60	123	2.7 G	---	PQ BAIE ST. PAUL
1968	MAR 14	22 01	48.90 68.20	123	2.6 G	---	PQ N. OF MONT-JOLI
1968	MAR 30	15 28	47.90 70.50	123	3.1 G	---	PQ LA MALBAIE
1968	APR 11	09 18	47.60 70.40	123	3.5 G	---	PQ LA MALBAIE
1968	MAY 20	00 58	46.20 75.00	123	1.7 G	---	PQ SW. OF LABELLE
1968	JUL 24	23 16	47.00 71.30	123	3.1 G	---	PQ N. OF QUEBEC CITY
1968	OCT 19	10 37	45.30 74.10	123	3.2 G	5 123	PQ VALLEYFIELD
1968	OCT 20	02 36	47.50 70.60	123	3.6 G	---	PQ BAIE ST. PAUL
1968	NOV 03	20 50	46.20 76.30	123	3.1 G	---	PQ SW. OF MANIWAKI
1968	NOV 07	21 29	47.00 71.60	123	1.9 G	---	PQ NW. OF QUEBEC CITY

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	DEPTH	MAGNITUDE	INTENSITY	LOCALITY
HR.	MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG.	(KM.)	REF. VAL. TYPE (MM) REF.	
1969	FEB	19	03 40 28.00	47.62 70.72	---	45 2.6 G	PQ BAIE ST. PAUL
1969	MAR	19	07 00 37.00	45.64 76.22	---	45 2.8 G	PQ LAC LAPECHE
1969	MAY	10	18 43 29.00	47.47 70.65	---	45 3.6 G	PQ BAIE ST. PAUL
1969	MAY	10	20 01 55.00	47.47 70.65	---	45 3.6 G	PQ BAIE ST. PAUL
1969	JUN	12	11 00 11.00	46.92 75.95	---	45 2.9 G	PQ BASKATONG RESERVOIR
1969	JUL	14	03 06 59.00	47.83 70.19	---	45 3.8 G	PQ LA MALBAIE
1969	AUG	07	04 57 38.00	46.41 75.14	---	45 2.7 G	PQ NOMININGUE
1969	AUG	31	07 20 27.00	47.49 70.17	---	45 3.2 G	PQ RIVIERE QUELLE
1969	OCT	10	00 07 04.90	46.31 75.16	---	32 4.5 D	PQ NOMININGUE
1969	OCT	10	08 16 12.00	46.38 75.15	---	45 2.8 G	PQ NOMININGUE
1969	NOV	04	12 06 31.00	45.18 74.26	---	45 2.3 G	PQ MORIN HEIGHTS
1969	DEC	15	09 20 22.00	46.45 76.04	---	45 2.3 G	PQ MANIWAKI
1970	JAN	21	05 31	49.00 67.70	---	125 2.7 G	PQ SE. OF BAIE COMEAU
1970	FEB	23	10 14	46.50 72.30	---	125 2.6 G	PQ NE. OF TROIS-RIVIERES
1970	FEB	27	08 08	48.20 77.80	---	125 3.1 G	PQ VAL-D'OR
1970	MAR	08	15 43	49.80 67.80	---	125 2.4 G	PQ NE. OF BAIE COMEAU
1970	APR	06	11 29	46.20 74.80	---	125 2.8 G	PQ SW. OF MONT-TREMBLANT
1970	APR	07	03 35	48.30 79.50	---	125 2.9 G	PQ W. OF NORANDA
1970	APR	09	00 58	45.80 74.20	---	125 2.3 G	PQ ST. JEROME
1970	APR	14	06 52	47.30 70.90	---	125 2.3 G	PQ BAIE ST. PAUL
1970	APR	16	00 08	47.70 70.50	---	125 2.7 G	PQ LA MALBAIE
1970	APR	19	17 16	49.60 66.80	---	125 2.6 G	PQ S. OF SEPT ILES
1970	APR	19	17 18	49.70 66.50	---	125 2.6 G	PQ S. OF SEPT ILES
1970	MAY	12	06 15	46.90 76.60	---	125 2.0 G	PQ NE. OF MANIWAKI
1970	MAY	26	14 16	47.00 71.80	---	125 2.0 G	PQ NW. OF QUEBEC CITY
1970	JUN	14	05 53	45.40 74.30	---	125 2.2 G	PQ VALLEYFIELD
1970	SEP	07	10 11	45.70 76.60	---	125 2.4 G	PQ SHAWVILLE
1970	SEP	07	21 39	47.90 70.30	---	125 3.2 G	PQ W. OF LA MALBAIE
1970	OCT	03	20 13	46.90 76.00	---	125 2.5 G	PQ BASKATONG RESERVOIR
1970	OCT	09	16 35	48.70 71.00	---	125 3.0 H	PQ W. OF CHICOUTIMI
1970	OCT	15	18 56	47.10 76.30	---	125 3.3 H	PQ BASKATONG RESERVOIR
1970	OCT	23	01 09	45.60 74.20	---	125 3.3 G	PQ W. OF MONTREAL
1970	OCT	28	07 32	46.90 76.00	---	125 2.2 G	PQ BASKATONG RESERVOIR
1970	NOV	24	11 12	47.00 76.00	---	125 2.7 G	PQ BASKATONG RESERVOIR
1971	JAN	06	06 22	47.20 76.00	---	126 3.0 H	PQ BASKATONG RESERVOIR
1971	JAN	19	13 44	46.90 75.20	---	126 3.1 H	PQ BASKATONG RESERVOIR
1971	JAN	19	20 01	49.20 69.80	---	126 2.4 H	PQ MONT LAURIER
1971	JAN	26	13 25	49.30 68.00	---	126 2.9 H	PQ W. OF BAIE COMEAU
1971	FEB	05	23 40	48.20 78.00	---	126 2.7 H	PQ BAIE COMEAU
1971	FEB	07	18 59	49.40 67.60	---	126 2.9 H	PQ VAL-D'OR
1971	MAR	17	22 19	47.20 76.60	---	126 2.7 H	PQ E. OF BAIE COMEAU
1971	MAR	26	03 04	46.80 71.70	---	126 1.7 G	PQ CARBONGA RESERVOIR
1971	MAR	26	09 11	46.60 71.60	---	126 1.9 G	PQ SW. OF QUEBEC CITY
1971	MAR	27	16 34	46.90 71.40	---	126 1.7 G	PQ SW. OF QUEBEC CITY
1971	MAR	31	22 01	47.00 71.60	---	126 1.7 G	PQ SW. OF QUEBEC CITY
1971	MAY	14	06 20	45.10 73.40	---	126 3.2 H	PQ SW. OF QUEBEC CITY
1971	JUN	27	12 22	46.10 73.40	---	126 2.2 G	PQ LACOLLE
1971	JUL	06	17 47	46.60 76.30	---	126 2.0 H	PQ JOLIETTE
1971	AUG	12	22 02	48.10 70.50	---	126 2.4 G	PQ NW. OF MANIWAKI
1971	AUG	20	01 20	46.60 75.70	---	126 2.2 G	PQ N. OF LA MALBAIE
1971	SEP	12	08 31	47.60 70.20	---	126 3.2 H	PQ MONT LAURIER
1971	SEP	15	22 32	46.60 74.40	---	126 2.4 G	PQ LA MALBAIE
1971	SEP	27	08 47	45.70 75.20	---	126 3.2 H	PQ NW. OF MONTREAL
1971	OCT	27	07 13	49.20 67.10	---	126 3.0 H	PQ THURSO
1971	NOV	15	07 17	47.40 70.30	---	126 1.2 G	PQ E. OF BAIE COMEAU
1971	NOV	15	10 38	45.10 73.90	---	126 3.0 H	PQ LA MALBAIE
1971	NOV	21	13 17	46.60 72.60	---	126 2.2 G	PQ HOWICK
1971	NOV	22	05 29	47.20 76.30	---	126 3.0 G	PQ N. OF TROIS-RIVIERES
1971	DEC	18	15 36	46.01 74.67	---	32 4.0 D	PQ CABONGA RESERVOIR
1971	DEC	27	17 29	46.10 71.50	---	126 2.8 G	PQ MONT TREMBLANT
1972	JAN	05	08 09	46.10 76.90	---	127 2.6 G	PQ S. OF QUEBEC CITY
1972	FEB	13	11 08	47.60 70.30	---	127 2.9 H	PQ N. OF FT COULONGE
1972	FEB	13	11 08	47.60 70.30	---	127 2.9 H	PQ LA MALBAIE
1972	APR	08	20 45	47.20 72.50	---	127 1.8 G	PQ LA TUQUE
1972	APR	25	03 24	46.70 76.00	---	127 3.3 H	PQ N. OF MANIWAKI
1972	JUN	02	04 24	45.80 75.90	---	127 2.9 G	PQ KAZABAZUA
1972	JUL	17	01 58	47.90 77.90	---	127 3.0 G	PQ VAL D'OR
1972	JUL	30	10 42	46.30 76.10	---	127 2.7 H	PQ MANIWAKI
1972	AUG	02	01 03	47.40 70.60	---	127 2.9 H	PQ BAIE ST. PAUL
1972	AUG	05	03 10	45.90 75.10	---	127 2.6 G	PQ LAC SIMON
1972	AUG	18	19 35	46.40 75.00	---	127 2.6 G	PQ NOMININGUE
1972	AUG	22	19 17	49.50 66.50	---	127 3.9 H	PQ S. OF SEPT ILES
1972	SEP	12	09 15	46.20 77.60	---	127 3.2 H	PQ N. OF DEEP RIVER
1972	SEP	25	11 30	47.40 70.70	---	127 2.9 G	PQ BAIE ST. PAUL
1972	OCT	10	20 18	47.20 70.00	---	127 1.9 G	PQ LA POCATIERE
1972	OCT	19	02 22	45.50 74.30	---	127 2.6 G	PQ RIGAUD
1972	OCT	19	04 10	45.10 74.20	---	127 1.8 G	PQ HUNTINGDON
1972	OCT	25	22 18	47.30 70.10	---	127 2.3 G	PQ LA POCATIERE
1972	OCT	27	04 24	47.40 70.50	---	127 1.6 G	PQ BAIE ST. PAUL
1972	OCT	27	19 13	47.50 70.00	---	127 1.9 G	PQ LA POCATIERE
1972	NOV	08	11 06	45.90 74.20	---	127 2.4 G	PQ PIEDMONT
1972	NOV	10	18 33	47.60 70.20	---	127 1.9 G	PQ LA MALBAIE
1972	DEC	16	19 01	45.64 75.10	---	32 3.9 D	PQ MONTEPIELIER
1972	DEC	17	03 28	45.80 75.20	---	127 2.2 G	PQ MONTEPIELIER
1973	JAN	05	02 46	47.60 70.40	---	128 1.9 G	PQ LES EBOULEMENTS
1973	JAN	28	13 07	48.00 70.00	---	128 3.1 H	PQ BAIE-DES-ROCHERS
1973	FEB	03	21 27	47.40 70.40	---	128 1.7 G	PQ LES EBOULEMENTS
1973	FEB	18	09 41	47.20 70.20	---	128 1.6 G	PQ ST. JEAN-PORT-JOLI
1973	FEB	25	19 46	45.20 74.00	---	128 2.9 G	PQ HOWICK
1973	JUN	14	15 09	49.50 66.50	---	128 3.1 H	PQ STE. ANNE-DES-MONTS
1973	JUL	20	17 06	49.60 67.00	---	128 3.1 H	PQ POINTE AUX ANGLAIS
1973	OCT	13	01 39	49.60 61.40	---	128 3.1 H	PQ ANTICOST I.
1974	JAN	09	18 38	45.91 74.91	---	98 2.7 G	PQ LAC RAPINEAU
1974	FEB	13	18 14	46.40 75.30	---	98 2.9 G	PQ MONT LAURIER
1974	FEB	17	12 57	49.50 67.10	---	129 3.0 H	PQ SW OF SEPT ILES
1974	APR	29	06 10	46.00 75.23	---	98 2.8 G	PQ SW OF QUEBEC CITY
1974	JUN	20	18 36	47.41 70.18	---	53 1.9 G	PQ LA POCATIERE
1974	JUN	30	16 55	47.72 69.84	---	55 3.1 H	PQ E. OF LA MALBAIE
1974	JUL	02	04 46	49.60 67.40	---	129 3.4 H	PQ BAIE TRINITE
1974	AUG	12	03 43	45.05 73.34	---	98 2.1 G	PQ SE OF MONTREAL
1974	AUG	31	10 36	46.90 75.70	---	129 2.7 G	PQ FERME NUEVE
1974	OCT	07	05 31	47.50 70.50	---	129 2.7 G	PQ BAIE ST. PAUL
1974	OCT	23	22 52	46.10 75.50	---	129 3.2 G	PQ VAL-DES-BOIS
1974	NOV	02	13 47	46.10 75.00	---	129 3.2 G	PQ LAC-REMI
1974	NOV	03	04 27	46.10 75.10	---	129 3.8 G	PQ LAC-REMI
1974	DEC	02	10 58	46.30 75.50	---	129 3.5 G	PQ LAC-DU-CERF
1974	DEC	21	14 51	45.04 74.04	---	98 2.7 H	PQ FRANKLIN CENTRE
1974	DEC	27	00 50	49.10 67.40	---	129 3.5 H	PQ MATANE
1974	DEC	29	13 48	47.80 74.40	---	129 2.5 G	PQ PARENT
1975	FEB	12	21 28	47.34 70.03	---	130 1.7 G	PQ LA POCATIERE
1975	FEB	13	10 32	46.32 72.74	*	130 2.5 G	PQ TROIS-RIVIERES
1975	MAR	11	10 05	45.79 74.61	*	130 2.1 G	PQ CALNET
1975	APR	03	19 03	45.73 74.24	*	130 3.1 H	PQ ST. JEROME
1975	MAY	24	21 20	47.29 75.30	*	130 2.7 G	PQ MITCHENANECUS RESERVOIR

DATE		ORIGIN TIME (GNT)			EPICENTER		DEPTH	MAGNITUDE		INTENSITY		LOCALITY		29	
YEAR	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	E. LONG.	(KM.)	REF.	VAL.	TYPE	(MM)	REF.		
1975	MAY	29	21	19	---	47.23	75.19	*	---	130	3.2	G	---	PQ MITCHENAMECUS RESERVOIR	
1975	JUN	01	22	00	12.00	45.86	74.97	*	---	130	1.5	G	---	PQ CHENEVILLE	
1975	JUN	11	05	16	---	47.75	69.90	---	---	130	2.1	G	---	PQ RIVIERE QUELLE	
1975	JUN	30	00	46	---	47.00	76.90	---	---	130	2.4	G	---	PQ S. OF CABONGA RESERVOIR	
1975	JUL	01	07	26	11.00	49.03	67.40	*	---	130	2.6	G	---	PQ MATANE	
1975	JUL	06	00	57	54.00	47.44	70.19	*	---	130	1.9	G	---	PQ LA POCATIERE	
1975	JUL	12	12	37	22.10	46.45	76.21	---	43	4.1	H	---	43	PQ MANIWAKI	
1975	JUL	15	01	58	33.00	47.57	70.06	*	---	130	1.2	G	---	PQ LA POCATIERE	
1975	JUL	16	10	22	---	47.45	70.10	---	---	130	1.7	G	---	PQ LA POCATIERE	
1975	AUG	21	04	29	37.00	47.44	70.18	*	---	130	3.1	G	---	PQ LA POCATIERE	
1975	SEP	02	06	21	17.00	48.29	69.74	---	---	130	3.3	H	---	PQ SAGUENAY RIVER	
1975	SEP	19	08	25	50.00	45.14	73.82	*	---	130	2.2	G	---	PQ ST. CHRYSOSTOME	
1975	OCT	12	07	42	08.00	49.84	68.62	*	---	130	2.6	H	---	PQ N. OF BAIE COMEAU	
1975	OCT	12	08	37	39.00	46.04	74.95	*	---	130	1.9	G	---	PQ LAC-REMI	
1975	OCT	16	04	41	---	46.00	74.70	---	---	130	1.8	G	---	PQ LAC-REMI	
1975	OCT	21	04	25	---	45.70	77.30	---	---	130	2.1	G	---	PQ GOLDEN LAKE	
1975	OCT	21	04	30	27.00	45.70	77.53	*	---	130	2.1	G	---	PQ GOLDEN LAKE	
1975	OCT	21	20	50	---	49.10	68.10	---	---	130	3.1	H	---	PQ BAIE COMEAU	
1975	OCT	23	21	17	46.00	49.84	68.62	*	---	130	4.1	H	---	PQ MANICOUAGAN RESERVOIR	
1975	NOV	02	14	56	---	46.50	76.30	---	---	130	2.5	H	---	PQ MANIWAKI	
1975	NOV	04	03	10	35.00	47.06	74.61	*	---	130	2.4	G	---	PQ SW. OF MANOUANE	
1975	NOV	12	06	57	10.00	46.07	76.26	*	---	130	2.2	G	---	PQ GRACEFIELD	
1975	NOV	16	12	03	02.00	47.37	70.52	*	---	130	2.6	H	---	PQ BAIE ST. PAUL	
1975	NOV	24	01	34	---	46.80	76.30	---	---	130	2.2	G	---	PQ MANIWAKI	
1975	NOV	24	08	30	05.00	45.76	74.86	*	---	11	1.5	G	---	PQ KILMAR	
1975	NOV	25	23	29	14.00	47.62	70.09	*	---	11	2.9	G	F	11	PQ LA MALBAIE
1975	NOV	26	01	55	35.00	47.67	70.07	*	---	11	2.6	G	F	11	PQ LA MALBAIE
1975	DEC	03	01	46	55.90	45.08	74.15	---	99	2.0	H	---	---	PQ ATHLETSTAN	
1975	DEC	11	16	48	---	47.60	69.70	---	---	130	1.7	G	---	PQ RIVIERE DU LOUP	
1975	DEC	19	15	25	11.00	47.01	78.84	*	---	130	3.8	H	---	PQ NE. OF TIMISKAMING	
1975	DEC	22	09	18	15.00	45.99	74.35	*	---	130	1.9	G	---	PQ STE. AGATHE	
1976	JAN	07	07	22	---	45.90	76.80	---	---	131	1.9	G	---	PQ FT. COULONGE	
1976	JAN	13	21	15	---	46.90	76.10	---	---	131	2.9	G	---	PQ NW. OF BASKATONG RESERVOIR	
1976	MAR	29	21	23	---	49.30	67.90	---	---	131	3.3	G	---	PQ BAIE-COMEAU	
1976	MAY	15	21	06	52.00	49.84	68.62	*	---	131	3.3	H	---	PQ MANICOUAGAN RIVER	
1976	MAY	31	19	19	20.00	49.84	68.62	*	---	131	2.2	G	---	PQ MANICOUAGAN RIVER	
1976	JUN	03	09	40	06.00	49.84	68.62	*	---	131	2.5	H	---	PQ MANICOUAGAN RIVER	
1976	JUN	08	07	32	41.20	47.51	70.30	---	13	3.2	H	---	---	PQ ST. LAWRENCE	
1976	JUL	11	05	15	02.00	47.43	70.44	*	---	131	2.0	H	5	14	PQ ST. LAWRENCE
1976	JUL	13	03	51	14.00	45.17	74.10	*	---	131	3.1	H	---	---	PQ VALLEYFIELD
1976	SEP	18	00	40	---	49.40	67.10	---	---	131	3.4	H	---	---	PQ BAIE TRINITE
1976	OCT	23	20	58	18.10	47.82	69.78	*	---	131	4.2	H	15	144	PQ ST. SIMEON
1976	OCT	23	21	23	06.00	47.88	69.78	---	---	131	3.1	H	---	---	PQ ST. SIMEON
1976	OCT	23	21	53	13.00	47.88	69.83	*	---	131	1.6	H	---	---	PQ ST. SIMEON
1976	OCT	23	22	07	09.00	47.77	69.77	*	---	131	1.8	H	---	---	PQ ST. SIMEON
1976	OCT	24	01	59	05.00	47.78	69.82	*	---	131	1.6	H	---	---	PQ ST. SIMEON
1976	OCT	24	10	49	40.00	47.81	69.87	*	---	131	3.5	H	---	---	PQ ST. SIMEON
1976	OCT	24	11	22	06.00	47.78	69.84	*	---	131	1.6	G	---	---	PQ ST. SIMEON
1976	OCT	24	18	11	20.00	47.78	69.83	*	---	131	1.3	G	---	---	PQ ST. SIMEON
1976	OCT	27	02	23	19.00	47.75	69.79	*	---	131	1.2	G	---	---	PQ ST. SIMEON
1976	OCT	27	06	13	16.00	47.75	69.80	*	---	131	1.0	G	---	---	PQ ST. SIMEON
1976	OCT	31	04	23	11.00	47.45	70.48	*	---	131	2.3	H	---	---	PQ BAIE ST. PAUL
1976	NOV	01	17	51	26.00	47.65	69.85	*	---	131	1.9	G	---	---	PQ ST. SIMEON
1976	NOV	03	20	52	30.00	47.59	69.98	*	---	131	1.7	G	---	---	PQ ST. FIDEELE
1976	NOV	05	11	40	25.00	47.73	69.84	*	---	131	1.9	G	---	---	PQ ST. SIMEON
1976	NOV	05	16	50	00.00	46.76	75.48	*	---	131	2.9	H	---	---	PQ MONT LAURIER
1976	NOV	06	06	09	29.00	47.11	75.96	*	---	131	3.0	H	---	---	PQ BASKATONG RESERVOIR
1976	NOV	10	04	05	06.00	47.15	70.62	*	---	131	1.9	G	---	---	PQ ST. TITE-DES-CAPS
1976	DEC	04	01	38	19.00	47.54	70.39	*	---	131	0.7	G	---	---	PQ BAIE ST. PAUL
1976	DEC	14	18	11	00.00	49.29	72.99	*	---	131	2.9	H	---	---	PQ LAC ST. JEAN
1976	DEC	17	16	48	01.00	47.69	69.60	*	---	131	1.3	G	---	---	PQ ST. SIMEON
1976	DEC	27	23	46	---	47.79	69.90	---	---	131	1.6	G	---	---	PQ ST. LAWRENCE
1977	JAN	08	05	05	23.00	47.25	75.55	*	---	132	2.9	H	---	---	PQ BASKATONG RESERVOIR
1977	JAN	22	13	34	33.00	47.45	70.18	*	---	132	1.1	G	---	---	PQ RIVIERE QUELLE
1977	FEB	11	10	35	14.00	49.81	68.64	*	---	132	1.1	G	---	---	PQ BAIE COMEAU
1977	FEB	14	00	35	04.00	47.54	70.42	*	---	132	3.1	H	---	---	PQ BAIE ST. PAUL
1977	MAR	13	23	39	10.00	46.07	72.41	---	---	132	1.8	G	---	---	PQ N. OF DRUMMONDVILLE
1977	MAR	28	02	12	58.00	49.94	66.61	---	---	132	1.9	G	---	---	PQ SEPT ILES
1977	APR	16	16	35	21.00	49.83	68.82	*	---	132	1.6	G	---	---	PQ BAIE COMEAU
1977	APR	20	23	00	39.00	48.88	67.32	*	---	132	1.3	G	---	---	PQ MATANE
1977	APR	24	00	09	06.00	47.02	75.75	*	---	132	2.3	H	---	---	PQ N. OF MANIWAKI
1977	MAY	02	04	49	20.00	49.55	68.73	*	---	132	2.1	G	---	---	PQ BAIE COMEAU
1977	MAY	02	22	41	23.10	47.49	69.94	*	---	17	2.8	H	---	---	PQ ST. PASCAL
1977	MAY	08	22	42	45.00	49.21	66.63	---	---	132	2.6	G	---	---	PQ CAP-CHAT
1977	MAY	15	18	50	23.00	47.41	77.04	---	---	102	2.6	H	---	---	PQ LA VERENDRYE PARK
1977	MAY	20	15	32	06.00	49.27	69.64	---	---	132	1.9	G	---	---	PQ LABRIEVILLE
1977	MAY	20	16	52	24.00	46.23	74.59	---	---	132	2.1	G	---	---	PQ MONT-TREBLANT
1977	MAY	25	04	26	39.00	46.40	76.13	---	---	132	2.0	G	---	---	PQ MANIWAKI
1977	MAY	28	00	57	15.00	45.12	74.61	---	---	132	1.2	H	---	---	PQ NEAR MASSENA NY
1977	MAY	29	12	49	34.00	47.54	70.28	*	---	132	1.0	G	---	---	PQ LA MALBAIE
1977	JUN	02	17	49	13.00	49.24	67.29	---	---	132	2.1	G	---	---	PQ E. OF BAIE COMEAU
1977	JUN	05	01	21	34.00	47.62	70.24	*	---	132					

YEAR	MONTH	DAY	DATE	HR.	MIN.	SEC.	ORIGIN TIME (GMT)	N.	LAT.	W.	LONG.	DEPTH	REF.	MAGNITUDE	INTENSITY	LOCALITY
												(KM.)				
1977	NOV	07	20	48	52.00			46.29	75.21	----	132	3.0	H	----	----	PQ NONININGUE
1977	NOV	12	05	58	04.00			47.41	70.15	----	132	1.0	G	----	----	PQ LA POCATIERE
1977	NOV	13	05	03	41.00			47.69	70.06	----	132	0.7	G	----	----	PQ LA MALBAIE
1977	NOV	15	13	28	09.00			47.40	70.30	----	132	0.4	G	----	----	PQ LES EBOULEMENTS
1977	NOV	17	22	51	14.00			47.62	70.23	----	132	0.9	G	----	----	PQ LA MALBAIE
1977	NOV	18	10	28	17.00			47.68	70.00	----	132	1.1	G	----	----	PQ LA MALBAIE
1977	NOV	22	22	18	37.00			48.04	70.86	----	132	0.7	G	----	----	PQ BAGOTVILLE
1977	NOV	24	09	54	26.00			47.42	70.44	----	132	0.4	G	----	----	PQ BAIE ST. PAUL
1977	NOV	24	18	40	02.00			49.05	66.85	----	132	1.9	G	----	----	PQ CAP-CHAT
1977	NOV	24	21	31	19.00			47.53	69.96	----	132	2.1	G	----	----	PQ ST. DENIS
1977	NOV	25	13	22	55.00			47.52	69.92	----	132	0.7	G	----	----	PQ KAROURASKA
1977	NOV	25	18	47	22.00			46.74	76.36	----	132	3.0	H	----	----	PQ NW. OF MANIWAKI
1977	NOV	28	20	26	27.00			47.80	69.82	----	132	0.7	G	----	----	PQ ST. SIMON
1977	NOV	29	07	17	31.00			47.41	70.30	----	132	0.4	G	----	----	PQ LES EBOULEMENTS
1977	DEC	02	03	20	06.00			47.74	69.94	----	132	0.8	G	----	----	PQ LA MALBAIE
1977	DEC	02	03	49	29.00			47.70	69.97	----	132	1.1	G	----	----	PQ NE. OF LA MALBAIE
1977	DEC	05	09	15	16.00			48.29	69.58	----	132	1.3	G	----	----	PQ TADOUSSAC
1977	DEC	08	02	39	30.00			47.41	70.44	----	132	0.6	G	----	----	PQ BAIE ST. PAUL
1977	DEC	20	08	46	53.00			47.65	70.19	----	132	1.8	G	----	----	PQ LA MALBAIE
1977	DEC	20	17	54	02.00			47.58	70.50	----	132	0.5	G	----	----	PQ ST. URBAIN
1977	DEC	21	18	16	21.00			47.38	70.18	----	132	1.1	G	----	----	PQ LA POCATIERE
1977	DEC	22	14	57	00.00			46.86	76.94	----	132	3.5	H	----	----	PQ SW. OF BASKATONG RESERVOIR
1978	JAN	13	03	36	48.00			46.82	70.36	----	20	2.8	H	F	20	PQ E. OF MONTMAGNY
1978	JAN	13	06	03	-----	X		46.90	70.30	----	36	1.7	G	----	----	PQ E. OF MONTMAGNY
1978	JAN	21	11	56	16.00			47.54	70.18	----	133	0.4	G	----	----	PQ LA MALBAIE
1978	FEB	02	22	38	23.00			45.32	74.03	----	133	----	----	----	----	PQ VALLEYFIELD
1978	FEB	18	14	48	25.00			46.35	74.11	----	44	4.2	H	F	20	PQ ST. DONAT
1978	FEB	23	05	24	33.00			46.36	74.13 *	----	133	3.4	H	F	20	PQ ST. DONAT
1978	FEB	26	19	45	32.00			47.79	69.68 *	----	133	1.6	G	----	----	PQ RIVIERE DU LOUP
1978	MAR	04	04	25	02.00			47.36	70.31 *	----	133	0.8	G	----	----	PQ LA MALBAIE
1978	MAR	09	03	26	24.00			47.53	69.99 *	----	133	0.2	G	----	----	PQ ST. DENIS
1978	MAR	21	22	12	57.80			47.98	69.76	----	20	2.2	H	----	----	PQ ST. LAWRENCE RIVER
1978	MAR	28	01	10	18.00			47.58	69.68 *	----	133	1.7	G	----	----	PQ ST. LAWRENCE RIVER
1978	APR	07	06	07	32.50			47.84	69.58 *	----	21	2.1	H	----	----	PQ RIVIERE DU LOUP
1978	APR	07	22	44	17.80			48.00	69.65 *	----	21	1.7	I	----	----	PQ S. OF TADOUSSAC
1978	APR	08	08	21	45.00			47.75	69.89 *	----	133	1.8	G	----	----	PQ ST. SIMON
1978	APR	08	09	59	41.00			47.80	70.03 *	----	133	0.9	G	----	----	PQ ST. SIMON
1978	APR	11	23	02	19.20			47.99	69.71	----	21	2.1	H	----	----	PQ S. OF TADOUSSAC
1978	APR	18	23	06	52.90			48.14	69.70 *	----	21	2.6	H	----	----	PQ TADOUSSAC
1978	APR	27	19	55	54.70			47.76	70.21	----	21	2.0	H	----	----	PQ LA MALBAIE
1978	APR	29	00	31	29.00			47.53	70.21 *	----	133	0.6	G	----	----	PQ LA MALBAIE
1978	APR	30	15	00	40.00			47.45	70.15 *	----	133	0.8	G	----	----	PQ LA MALBAIE
1978	MAY	01	15	29	40.00			47.45	70.15	----	133	2.0	----	----	----	PQ LA MALBAIE
1978	MAY	02	22	32	13.70			47.89	70.02	----	21	2.3	H	----	----	PQ ST. SIMON
1978	MAY	26	02	31	40.00			47.72	69.99 *	----	133	3.2	H	F	21	PQ N. SHORE ST. LAWRENCE RIV
1978	JUL	12	01	17	05.00			46.16	75.64 *	----	133	2.1	G	----	----	PQ POINT COMFORT
1978	JUL	13	23	51	58.00			48.35	69.27 *	----	133	2.3	G	----	----	PQ N. SHORE ST. LAWRENCE RIV
1978	JUL	16	12	59	11.00			47.50	69.94 *	----	133	0.6	G	----	----	PQ ST. DENIS
1978	JUL	17	15	19	52.00			47.27	70.31 *	----	133	0.8	G	----	----	PQ S. OF LA MALBAIE
1978	JUL	22	15	44	46.00			47.45	70.12 *	----	133	1.0	G	----	----	PQ LA MALBAIE
1978	JUL	25	23	21	19.70			47.92	69.66	----	22	1.9	H	----	----	PQ RIVIERE DU LOUP
1978	JUL	27	20	34	47.00			47.57	69.90 *	----	133	1.0	G	----	----	PQ LA MALBAIE
1978	JUL	30	10	54	44.00			45.68	74.44 *	----	133	3.6	H	F	22	PQ NEAR LACHUTE
1978	AUG	01	17	42	56.00			47.04	70.93 *	----	13	2.8	H	F	22	PQ N. SHORE ST. LAWRENCE RIV
1978	AUG	02	17	13	49.70			47.48	70.07 *	----	22	2.2	H	----	----	PQ LA MALBAIE
1978	AUG	07	07	57	58.00			47.53	70.23 *	----	133	1.0	G	----	----	PQ LA MALBAIE
1978	AUG	09	04	11	05.00			47.53	70.10 *	----	133	1.6	G	----	----	PQ S. OF LA MALBAIE
1978	AUG	10	22	20	16.80			47.95	69.63 *	----	22	1.9	H	----	----	PQ S. OF TADOUSSAC
1978	AUG	14	22	55	58.00			47.67	70.22 *	----	133	2.6	H	F	22	PQ LA MALBAIE
1978	AUG	16	22	37	13.80			47.94	69.62	----	22	2.5	H	----	----	PQ RIVIERE DU LOUP
1978	SEP	16	12	45	19.00			47.42	70.12 *	----	133	2.1	G	F	22	PQ CHARLYVOIX
1978	SEP	27	03	04	19.00			47.51	70.12 *	----	133	2.1	G	F	22	PQ CHARLYVOIX
1978	NOV	09	00	28	12.80			47.94	69.62	----	23	2.2	H	----	----	PQ N. OF RIVIERE DU LOUP
1978	NOV	10	03	43	46.00			45.72	75.25	----	133	1.5	H	----	----	PQ WOLF LAKE
1979	FEB	27	07	56	51.00			47.51	70.05 *	----	134	2.3	G	----	----	PQ LA POCATIERE
1979	MAR	14	06	46	31.00			43.53	73.33 *	----	134	2.4	G	----	----	PQ LAKE ONTARIO
1979	MAR	23	22	53	05.00			47.63	70.10 *	----	134	3.2	H	F	24	PQ LA MALBAIE
1979	APR	21	13	33	59.00			47.67	70.12 *	----	134	0.7	G	----	----	PQ LA MALBAIE
1979	JUL	05	12	25	38.00			47.37	70.40 *	----	134	1.9	G	----	----	PQ BAIE ST. PAUL
1979	AUG	17	05	56	41.00			47.38	70.38	----	124	1.1	G	----	----	PQ S. OF LA MALBAIE
1979	AUG	19	22	49	31.00			47.67	69.96 *	----	134	5.0	H	5	147	PQ CHARLEVOIX
1979	OCT	03	05	06	43.00			47.39	70.41	----	134	1.8	H	----	----	PQ LA MALBAIE
1979	OCT	12	08	50	50.00			47.55	70.03	----	134	1.7	H	----	----	PQ LA MALBAIE
1979	OCT	15	13	43	42.00			47.48	70.11	----	134	1.7	H	----	----	PQ LA MALBAIE
1979	NOV	01	21	08	59.00			47.79	69.84 *	----	134	1.5	G	----	----	PQ LA MALBAIE
1979	NOV	14	05	14	45.00			47.51	70.01 *	----	134	1.0	G	----	----	PQ LA POCATIERE
1979	NOV	17	17	12	20.00			47.67	69.90 *	----	134	1.7	G	----	----	PQ LA MALBAIE
1979	NOV	30	10	57	46.00			47.70	70.19	----	124	1.2	G	----	----	PQ LA MALBAIE
1979	DEC	29	18	58	45.00			47.68	69.91 *	----	134	1.7	G	----	----	PQ LA MALBAIE
1980	JAN	02	10	50	39.00			47.36	70.34 *	----	112	2.4	I	----	----	PQ SW. OF LA POCATIERE
1980	JAN	24	05	44	49.10			46.13	75.15 *	----	135	3.2	H	----	----	PQ LAKE GAGNON
1980	FEB	02	03	39	34.00			47.53	70.05 *	----	135	0.5	G	----	----	PQ E. OF LA MALBAIE
1980	FEB	19	21	25	39.00			47.49	70.11 *	----	112	1.2	G	----	----	PQ NE. OF LA POCATIERE
1980	MAR	11	04	15	56.00			46.73	71.91	----	112	4.1	H	----	----	PQ S. OF STE. CROIX
1980	MAR	11	08	43	58.50			47.47	70.00 *	----	135	1.4	G	----	----	PQ NE. OF LA POCATIERE
1980	MAR	19	02	53	05.00			45.90	75.40 *	----	135	2.4	H	----	----	PQ N. OF GLEN ALMOND
1980	MAR	19	12	04	17.00			46.25	74.72 *	----	112	2.2	G	----	----	PQ LA CONCEPTION
1980	APR	01	08	55	48.00			47.20	70.93 *	----	135	2.5	H	F	113	PQ NE. OF QUEBEC
1980	APR	03	16	57	24.00			48.77	67.95 *	----	135	4.1	H	4	113	PQ S. OF MANICOUGAN
1980	APR	07	07	36	39.00			47.44	70.02 *	----	135	1.9	G	F	113	PQ SE. OF LA MALBAIE
1980	APR	19	23	32	19.00			45.14	73.04 *	----	135	2.6	H	----	----	PQ SE. OF MONTREAL
1980	APR	25	05	43	14.00			46.63	73.42 *	----	135	2.9	H	----	----	PQ NW. OF GENTILLY
1980	APR	30	19	48	17.00			45.61	75.14 *	----	135	1.2	G	----	----	PQ E. OF GLEN ALMOND
1980	MAY	19	23	40	50.00			45.26	75.24 *	----	135	1.3	G	----	----	PQ E. OF OTTAWA
1980	MAY	23	20	18	59.10			47.50	70.11 *	----	135	0.3	G	----	----	PQ N. OF LA POC

DATE			ORIGIN TIME (GMT)			EPICENTER		DEPTH		MAGNITUDE		INTENSITY		LOCALITY
YEAR	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	(KM.)	REF.	VAL.	TYPE	(MM)	REF.	
1980	OCT	20	03	20	02.00	45.14	73.87	-----	137	2.6	I	---	---	PQ SW. OF MONTREAL
1980	OCT	20	03	20	20.90	X 45.16	73.84	*	-----	137	2.1	H	---	PQ HOWICK
1980	OCT	20	04	03	17.10	X 45.15	73.85	*	-----	137	2.2	H	---	PQ HOWICK
1980	NOV	05	06	18	17.80	45.48	74.23	*	-----	137	2.4	H	---	PQ HUDSON
1980	NOV	14	11	53	41.00	47.55	70.26	*	-----	135	1.1	G	---	PQ E. OF LA MALBAIE
1980	NOV	30	17	35	53.00	46.00	74.43	*	-----	135	1.7	G	---	PQ NW. OF MONTREAL
1980	DEC	30	05	48	52.00	45.49	71.35	*	-----	135	1.5	G	---	PQ NE. OF EAST ANGUS

TABLE TWO

AVAILABLE INTENSITY DISTRIBUTION MAPS AND ISOSEISMAL MAPS FOR EARTHQUAKES IN TABLE ONE

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	FELT-AREA	REF.	LOCALITY
MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG.	(SQ. KM.)		
1727	NOV	10 03	40	42.80 70.60	296,000	116 MA CAPE ANN
1727	NOV	14 22	--	X 42.80 70.60	7,100	116 MA CAPE ANN
1728	JAN	05 03	--	X 42.80 70.60	-----	116 MA CAPE ANN
1728	FEB	10 20	30	X 42.80 70.60	8,500	116 MA CAPE ANN
1732	SEP	16 16	--	45.50 73.60	2,000,000	138 PQ MONTREAL
1734	NOV	23 06	--	X 42.80 70.60	3,800	116 MA CAPE ANN
1739	AUG	13 07	30	42.80 70.60	4,300	116 MA CAPE ANN
1744	JUN	14 15	15	42.50 70.90	157,200	116 MA CAPE ANN
1755	NOV	18 09	12	42.70 70.30	1,000,000	116 MA CAPE ANN
1755	NOV	23 01	27	X 42.70 70.30	3,800	116 MA CAPE ANN
1761	MAR	12 07	15	42.50 70.90	127,200	116 MA BOSTON
1791	MAY	16 13	00	41.50 72.50	60,000	116 CT MOODUS-E. HADDAM
1808	JUN	26 19	51	44.40 69.00	-----	116 ME BELFAST
1810	NOV	10 02	15	43.00 70.80	21,500	116 NH PORTSMOUTH
1814	NOV	29 00	14	43.70 70.30	49,000	116 ME WINDHAM
1817	OCT	05 16	45	42.50 71.20	55,000	116 MA WOBURN
1821	MAY	05 12	30	44.80 68.80	20,700	116 ME BANGOR
1823	JUN	10 17	00	44.80 68.80	-----	116 ME BANGOR
1823	JUL	23 11	55	42.90 70.60	29,000	116 NH OFF HAMPTON
1840	AUG	09 20	30	41.50 72.90	-----	116 CT HARTFORD
1845	OCT	26 23	15	41.20 73.30	13,600	116 CT BRIDGEPORT
1846	AUG	25 09	45	42.50 70.80	51,800	116 MA SALEM
1847	AUG	08 15	00	41.70 70.10	34,100	116 MA BREWSTER
1848	SEP	09 04	00	41.12 73.92	22,610	78 NY ROCKLAND LAKE
1852	NOV	27 04	45	43.00 70.90	9,900	116 NH EXETER
1855	JAN	16 23	00	44.00 71.00	33,000	116 ME OTISFIELD
1857	DEC	23 18	30	44.10 70.20	10,900	116 ME LEWISTON
1858	JUL	01 03	45	41.30 73.00	2,300	116 CT NEW HAVEN
1867	DEC	18 08	00	44.05 75.15	207,000	81 NY CANTON
1871	JUN	18 02	00	43.55 73.86	8,050	78 NY NEW YORK
1872	NOV	18 19	00	43.20 71.60	6,000	116 NH CONCORD
1875	JUL	28 09	10	41.90 73.00	3,600	116 CT NW. OF TORRINGTON
1876	SEP	22 04	30	41.50 71.30	6,600	116 RI NEWPORT
1880	MAY	12 12	45	42.70 71.00	4,600	116 MA BOXFORD
1882	DEC	19 22	20	43.20 71.40	7,700	116 NH CONCORD
1883	FEB	28 03	30	41.50 71.30	9,200	116 RI NEWPORT
1884	AUG	10 19	07	40.59 73.84	300,000	78 NY ROCKAWAY BEACH
1884	AUG	10 19	17	40.35 74.07	4,200	78 NJ RED BANK
1884	AUG	11 14	00	40.35 74.07	1,300	78 NJ RED BANK
1884	AUG	11 17	30	40.58 73.82	4,700	78 NY ROCKAWAY BEACH
1884	NOV	23 05	30	43.20 71.70	11,000	116 NH CONCORD
1887	MAR	02 21	20	40.43 73.53	5,000	78 NY FIRE ISLAND
1891	MAY	02 00	10	43.20 71.60	11,000	116 NH NEAR CONCORD
1893	MAR	08 05	30	40.78 73.92	750	78 NY ASTORIA
1894	DEC	17 08	00	42.48 73.80	-----	78 NY COEYMAN
1897	SEP	25 18	05	44.70 68.70	47,600	116 ME ELLSWORTH
1899	MAY	17 01	15	41.60 72.60	8,900	116 CT MOODUS-E. HADDAM
1905	JUL	15 10	10	44.20 70.00	100,300	116 ME SABBATUS
1905	AUG	30 10	40	43.10 70.70	3,600	116 NH ROCKINGHAM CO.
1907	OCT	16 00	10	42.80 71.00	5,600	116 MA NEWBURY
1916	JAN	05 13	56	43.60 73.70	-----	78 NY CHESTERTOWN
1916	NOV	02 02	30	43.40 73.60	-----	78 NY GLENS FALLS
1918	AUG	21 05	15	44.20 70.50	8,800	116 ME BRIDGETON-NORWAY
1925	JAN	07 13	07	42.60 70.60	29,000	116 MA CAPE ANN
1925	MAR	01 02	19	47.80 69.90	3,300,000	102 PQ LA MALBAIE
1925	APR	24 07	56	41.70 70.80	8,600	116 MA WAREHAM
1925	OCT	09 14	00	43.70 73.10	17,700	116 NH OSSISPEE
1925	NOV	14 13	04	41.70 72.40	3,200	116 CT N. OF HEBRON
1926	MAR	18 21	09	42.80 71.80	4,800	116 NH NEW IPSWICH
1927	MAR	09 04	08	43.30 71.40	4,800	116 NH CONCORD
1927	JUN	01 12	20	40.36 74.01	4,900	78 NJ FAIRHAVEN
1929	AUG	12 11	24	42.90 78.40	537,000	38 NY ATTICA
1931	APR	20 19	54	43.50 71.80	90,000	78 NY WARRENSBURG
1935	NOV	01 06	30	46.90 79.10	2,630,000	102 PQ TIMISKAMING
1937	JUL	19 03	51	40.70 73.70	12,360	78 NY NEW YORK
1938	JUN	23 03	57	42.60 71.40	330	57 MA CHELMSFORD
1938	AUG	23 03	36	40.10 74.30	12,900	73 NJ NEAR TRENTON
1939	OCT	19 11	53	47.80 69.80	1,000,000	102 PQ ILE AUX LIEVRES
1940	JAN	28 23	12	41.60 70.80	-----	74 MA BUZZARDS BAY
1940	DEC	20 07	27	43.90 71.40	794,300	74 NH OSSISPEE
1943	JAN	14 21	32	45.20 69.30	129,500	5 ME DOVER-FOX-CROFT
1944	SEP	05 04	38	45.70 74.70	1,445,000	102 NY MASSENA
1947	DEC	28 19	58	45.20 69.20	155,400	139 ME DOVER-FOX-CROFT
1949	OCT	05 02	33	44.80 70.60	350,000	140 ME HOUGHTON
1951	SEP	03 21	26	44.80 73.86	14,250	141 NY ROCKLAND CO.
1951	NOV	06 17	54	44.90 73.70	20,720	141 NY ROUSE PT.
1952	OCT	14 22	03	47.80 69.80	281,000	102 PQ ILE AUX LIEVRES
1957	APR	26 11	40	43.50 70.30	-----	142 ME PORTLAND
1961	MAR	13 10	55	45.20 75.30	8,120	62 ON ORMDAN
1963	OCT	16 15	30	42.40 70.40	17,600	106 MA MARBLEHEAD
1966	JAN	01 13	23	42.84 78.25	31,400	109 NY ATTICA
1967	JUN	13 19	08	42.84 78.23	11,300	110 NY ATTICA
1968	SEP	03 --	--	42.80 78.30	500	33 NY ATTICA
1969	OCT	06 02	27	41.10 74.60	-----	91 NJ OGDENSBURG
1969	OCT	10 00	07	46.31 75.16	60,000	124 PQ NOMINGUE
1973	FEB	09 04	46	42.80 78.30	1,300	33 NY SE. OF ATTICA
1973	JUN	15 01	09	45.40 71.02	251,200	117 ME NEAR NH-CUEREK BORDER
1974	JUN	07 19	45	41.63 73.94	314	87 NY WAPPINGERS FALLS
1975	JUN	09 18	39	44.87 73.65	13,000	143 NY ALTONA
1975	JUL	12 12	37	46.45 76.21	91,200	43 PQ MANIWAKE
1976	MAR	11 08	29	41.56 71.21	11,200	12 RI PORTSMOUTH
1976	MAR	11 21	07	40.96 74.36	-----	100 NJ RIVERDALE
1976	APR	13 15	39	40.84 74.05	-----	100 NJ RIDGEFIELD
1976	OCT	23 20	58	47.82 69.78	53,100	144 PQ ST. SIMON
1977	MAR	10 16	22	41.18 72.15	-----	35 NY SUFFERN
1977	DEC	20 17	44	43.80 70.68	2,000	145 MA WAREHAM
1977	DEC	25 15	35	43.19 71.65	2,800	145 NH HOPINGTON
1978	FEB	18 14	48	46.35 74.11	70,000	44 PQ ST. DONAT
1979	JAN	30 16	30	40.32 74.26	12,500	78 NJ MARLBORO
1979	APR	18 02	34	43.95 69.75	55,500	146 ME BATH
1979	AUG	19 22	49	47.67 69.96	61,600	147 PQ CHARLEVOIX
1980	JAN	17 10	13	41.31 73.93	110	97 NY PEEKSKILL
1980	MAR	05 17	06	46.50 40.17	330	148 PA ABINGTON
1980	MAR	11 06	00	40.15 75.09	3,600	148 PA ABINGTON
1980	JUN	06 13	15	51.96 43.56	3,800	97 NY BOONVILLE
1980	NOV	23 00	39	32.40 42.62	450	149 MA S. OF LOWELL

TABLE THREE
UNDOCUMENTED EARTHQUAKES

YEAR	DATE	ORIGIN TIME (GMT)	EPICENTER	MAGNITUDE	INTENSITY	LOCALITY	
	MONTH	DAY	HR. MIN. SEC.	N. LAT. W. LONG. VAL. TYPE	(MM)		
1644	MAR	14	---	41.90 70.60	---	2	MA PLYMOUTH
1662	FEB	05	23	41.90 70.60	---	2	MA PLYMOUTH
1688	SEP	07	---	41.70 72.90	---	2	CT N-BRISTOL
1724	JUN	23	---	42.30 71.10	---	2	MA BOSTON
1727	DEC	29	09	42.80 70.60	---	2	MA CAPE ANN
1728	JAN	15	02	42.80 70.60	---	3	MA CAPE ANN
1728	JAN	18	02	42.80 70.60	---	4	MA CAPE ANN
1728	FEB	09	---	42.80 70.60	---	2	MA CAPE ANN
1729	MAR	30	---	41.40 73.50	---	2	CT DANBURY
1772	APR	25	08	---	---	F	NJ CHANTLE
1783	NOV	24	---	41.00 74.50	---	4	NJ MORRIS CO.
1817	MAY	22	22	45.20 69.30	---	6	ME DOVER-FOXCROFT
1876	JAN	07	---	43.30 71.70	---	2	NH WARNER
1884	AUG	08	---	41.30 70.20	---	2	MA NANTUCKET IS.
1886	SEP	03	---	42.50 73.40	---	2	NY LEBONON SPRINGS
1886	SEP	09	---	42.50 73.40	---	2	NY LEBONON SPRINGS
1888	JAN	18	---	43.20 71.70	---	2	NH CONTOOCOOK
1889	APR	11	---	43.00 71.50	---	2	NH MANCHESTER
1889	JUL	08	---	44.60 71.30	---	2	NH W. MILAN
1890	MAR	29	---	43.20 71.50	---	2	NH CONCORD
1892	MAY	01	---	43.20 71.50	---	2	NH CONCORD
1892	DEC	13	---	44.50 71.50	---	2	NH LANCASTER
1892	DEC	14	---	44.50 71.70	---	2	NH BETHLEHEM
1893	JUL	01	---	43.10 71.90	---	2	NH ANTRIM
1894	APR	17	16	45.60 73.30	---	4	PQ E. OF MONTREAL
1894	SEP	03	---	43.20 72.40	---	2	NH ALSTEAD
1896	MAY	20	---	43.20 75.50	---	2	NY CAMDEN-UTICA
1898	JUL	25	---	43.30 71.60	---	2	NH CONCORD-CANTERBURY
1900	DEC	31	---	44.30 72.60	---	2	VT MONTPELIER
1901	MAR	09	---	43.20 71.50	---	2	NH CONCORD
1902	JUL	19	---	43.60 71.90	---	2	NH GRAFTON
1905	FEB	05	---	42.80 70.80	---	2	MA NEWBURY
1905	MAY	27	---	44.30 72.60	---	2	VT MONTPELIER
1906	MAR	04	---	43.80 73.20	---	2	ME PORTLAND
1906	MAR	18	---	44.40 70.00	---	2	ME READFIELD
1906	MAY	14	---	41.20 73.20	---	2	CT BRIDGEPORT
1906	OCT	21	---	43.70 73.20	---	3	ME PORTLAND
1907	JUL	11	---	43.10 70.80	---	2	ME ME-NH COAST
1908	JAN	15	---	43.90 69.90	---	2	ME BATH
1908	DEC	10	---	44.60 72.00	---	2	VT ST. JOHNSBURY
1911	DEC	17	---	43.90 69.90	---	2	ME BATH
1916	FEB	02	16	42.90 74.00	---	4	NY MOHAWK VALLEY
1917	JAN	26	---	44.40 74.10	---	2	NY GABRIELS
1940	APR	27	22	40.00 72.00	---	---	NY S. OF LONG ISLAND
1940	APR	27	22	40.00 72.00	---	---	NY S. OF LONG ISLAND
1940	APR	27	22	40.00 72.00	---	---	NY S. OF LONG ISLAND
1940	MAY	10	19	40.00 72.00	---	---	NY S. OF LONG ISLAND
1940	JUN	04	18	40.00 72.00	---	---	NY S. OF LONG ISLAND
1940	JUN	04	18	40.00 72.00	---	---	NY S. OF LONG ISLAND
1940	SEP	27	---	41.20 75.70	---	---	NY S. OF MONTICELLO
1940	DEC	03	17	42.50 69.40	---	---	MA CAPE ANN
1942	JUN	14	11	42.40 70.70	---	---	MA CAPE ANN
1942	JUN	14	16	42.40 70.70	---	---	MA BOSTON
1942	JUN	14	19	42.40 70.70	---	---	MA BOSTON
1943	JUN	11	22	41.10 71.80	---	2	MA BOSTON
1944	MAY	29	23	44.70 73.80	---	2	RI BLOCK ISLAND SOUND
							NY NW. OF PLATTSBURG
1944	JUL	15	17	47.60 70.10	3.0	G	PQ LA MALBAIE
1945	OCT	30	19	44.10 70.20	---	---	ME LEWISTON
1945	OCT	30	19	47.50 70.20	3.1	G	PQ LA MALBAIE
1945	DEC	28	10	43.80 71.30	---	2	NH S. OF TOWNHURST
1946	NOV	24	10	45.20 74.70	3.1	G	ON CORNWALL
1947	OCT	29	15	45.00 74.20	---	2	NY MASSENA
1948	JUL	27	07	44.70 75.00	---	2	NY POTSDAM
1948	NOV	29	11	45.20 69.90	---	2	ME DOVER-FOXCROFT
1949	OCT	11	09	47.50 70.20	2.5	G	PQ LA MALBAIE
1949	NOV	10	00	45.00 74.90	2.0	G	NY MASSENA
1950	SEP	28	10	47.60 70.10	3.0	G	PQ LA MALBAIE
1950	NOV	07	02	47.10 70.80	1.8	G	PQ BEAUPRE
1954	FEB	13	---	42.20 72.60	---	4	MA SPRINGFIELD
1954	FEB	13	---	42.20 72.60	---	4	MA SPRINGFIELD
1954	MAR	28	00	47.60 70.10	1.9	G	PQ LA MALBAIE
1954	JUL	22	07	46.70 70.10	2.1	G	PQ LAC FRONTIERE
1955	APR	15	01	47.60 70.10	1.8	G	PQ LA MALBAIE
1957	JAN	30	---	44.50 73.20	---	2	VT BURLINGTON
1962	AUG	17	---	41.70 71.70	---	2	RI EAST GREENWICH
1962	NOV	27	04	41.50 73.80	---	2	NY POUGHKEEPSIE
1963	MAY	19	---	43.20 73.30	---	3	NY HUDSON FALLS
1963	JUN	01	---	42.60 73.00	---	2	MA NORTH ADAMS
1963	AUG	10	01	47.60 68.70	2.8	G	PQ DEGELIS
1963	OCT	09	01	44.50 69.50	2.5	G	ME CHINA
1963	OCT	18	15	42.50 70.40	3.0	G	MA CAPE ANN
1965	OCT	24	19	41.30 70.10	---	---	MA NANTUCKET
1966	JUN	30	00	44.00 73.40	2.8	G	NY LAKE CHAMPLAIN
1966	JUL	11	02	42.40 71.30	---	---	MA WESTON
1966	NOV	07	07	45.20 69.10	2.3	G	ME DOVER-FOXCROFT
1966	DEC	04	06	45.20 69.20	1.7	G	ME DOVER-FOXCROFT
1967	JAN	08	09	45.30 69.00	1.8	G	ME MILO
1967	FEB	05	08	44.70 69.10	1.5	G	ME W. OF RANGOR
1967	APR	08	05	45.80 73.80	1.7	G	PQ N. OF MONTREAL
1967	MAY	12	20	44.80 70.40	2.3	G	ME BLUE MTS.
1967	JUL	01	15	44.40 69.90	2.1	G	ME AUGUSTA
1967	JUL	01	15	44.40 69.90	2.2	G	ME AUGUSTA
1967	JUL	01	16	44.40 69.90	2.5	G	ME AUGUSTA
1967	JUL	01	16	44.40 69.90	3.6	G	ME AUGUSTA
1967	JUL	01	16	44.40 69.90	2.1	G	ME AUGUSTA
1967	JUL	01	16	44.40 69.90	2.1	G	ME AUGUSTA
1967	JUL	12	10	46.40 67.30	2.1	G	NB E. OF HARTLAND
1967	SEP	08	18	45.20 69.10	2.5	G	ME DOVER-FOXCROFT
1967	SEP	08	18	45.20 69.10	0.7	G	ME DOVER-FOXCROFT
1967	SEP	12	10	47.00 67.00	2.8	G	NB NE. OF PLASTER ROCK
1969	AUG	24	01	43.10 70.50	2.4	G	ME OFF SW. COAST
1969	AUG	24	02	43.10 70.40	2.1	G	ME OFF SW. COAST
1970	AUG	06	04	44.30 71.00	2.2	G	NH SE. OF BERLIN
1970	SEP	19	13	42.90 71.90	2.6	G	NH GREENFIELD
1973	JAN	14	08	41.80 72.10	1.0	H	CT CHAPLIN
1973	FEB	26	13	44.50 70.00	3.0	H	ME BELGRADE LAKES
1973	AUG	02	09	47.20 70.30	1.4	G	PQ ST. JEAN-PORT-JOLI
1973	AUG	24	04	43.80 72.30	2.7	H	VT E. CENTRAL

DATE			ORIGIN TIME (GMT)			EPICENTER			MAGNITUDE		INTENSITY		LOCALITY
YEAR	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	VAL.	TYPE	(MM)			
1973	AUG	29	10	08	-----	47.80	70.00	1.8	G	----			PQ ST. SIMEON
1973	SEP	10	06	11	-----	47.70	70.02	0.9	G	----			PQ ST. IRENE
1973	SEP	16	18	05	-----	47.50	70.50	1.5	G	----			PQ LES EBOULMENTS
1973	SEP	24	06	27	-----	47.30	69.80	1.6	G	----			PQ LA POCATIERE
1973	NOV	08	17	41	-----	46.00	75.00	2.4	G	----			PQ LAC REMI
1973	NOV	16	01	36	-----	47.60	70.30	3.1	G	----			PQ LES EBOULMENTS
1974	MAR	14	19	20	-----	46.10	75.10	2.5	G	----			PQ LAC GAGNON
1974	AUG	16	09	44	-----	47.00	70.60	2.1	G	----			PQ MONTMAGNY
1974	AUG	19	05	37	-----	47.10	75.90	2.4	G	----			PQ BASKATONG RESERVOIR
1974	AUG	25	10	03	-----	46.10	73.30	2.6	G	----			PQ SOREL
1974	DEC	22	20	46	-----	42.40	69.80	3.0	H	----			MA NE. OF PROVINCETOWN
1975	JUL	22	06	17	-----	45.30	69.10	1.7	H	----			ME DOVER-FOXCROFT
1975	JUL	26	11	26	-----	42.70	70.70	1.1	H	----			MA CAPE ANN
1975	AUG	26	22	18	-----	41.20	71.20	2.1	H	----			RI RHODE ISLAND SOUND
1975	SEP	14	19	13	-----	45.50	69.30	2.0	H	----			ME DOVER-FOXCROFT
1976	DEC	16	20	20	-----	44.40	73.80	1.8	H	----			NY WILMINGTON
1977	FEB	04	14	49	-----	49.70	66.40	2.6	-	----			PQ ST. LAWRENCE
1977	MAR	03	19	46	-----	47.30	79.70	2.9	-	----			ON COBALT
1977	APR	26	22	25	-----	49.20	68.20	1.1	-	----			PQ BAIE COMEAU
1977	AUG	05	22	25	-----	49.20	68.40	1.5	-	----			PQ BAIE COMEAU
1977	AUG	10	10	09	-----	49.10	68.40	1.6	-	----			PQ BAIE COMEAU
1977	AUG	17	20	05	-----	47.80	70.60	0.8	-	----			PQ CLERMONT
1977	DEC	08	16	35	-----	40.80	74.80	1.5	-	----			NJ SCHOOLEY'S MTN.
1977	DEC	27	10	41	-----	40.80	74.80	1.4	-	----			NJ SCHOOLEY'S MTN.

TABLE FOUR
NON-TECTONIC EARTHQUAKES

DATE			ORIGIN TIME (GMT)			EPICENTER		MAGNITUDE		TNT. TYPE		REF.	LOCALITY
YEAR	MONTH	DAY	HR.	MIN.	SEC.	N. LAT.	W. LONG.	VAL.	TYPE	(MM)	EVENT		
1773	JUL	05	---	---	---	40.80	73.90	---	-	4	TS	78	NY FORSTER'S MEADOW
1804	MAY	18	---	---	---	40.80	74.20	---	-	6	TS	78	NJ MATAWAN
1841	JAN	25	16	30	---	40.80	74.00	---	-	5	BE	78	NY NEW YORK CITY
1847	SEP	29	---	---	---	40.80	74.00	---	-	5	EX	78	NY NEW YORK CITY
1848	JAN	01	---	---	---	45.00	63.50	---	-	4	CY	78	NS N. OF HALIFAX
1848	FEB	01	---	---	---	43.50	65.50	---	-	3	CY	78	NS YARMOUTH-SHELBURNE
1855	JAN	17	---	---	---	40.80	73.60	---	-	2	EF	84	NY NASSAU COUNTY
1878	FEB	05	16	20	---	40.80	73.80	---	-	5	EX	78	NY FLUSHING
1878	DEC	25	02	00	---	40.80	73.80	---	-	2	EF	78	NY FLUSHING
1881	APR	21	16	30	---	40.90	73.10	---	-	3	EX	56	NY PORT JEFFERSON
1881	SEP	25	---	---	---	42.10	76.80	---	-	2	TR	78	NY ELMIRA
1885	JAN	04	11	06	---	41.30	73.90	---	-	3	EX	78	NY PEEKSKILL
1886	JUN	12	05	05	---	40.40	74.00	---	-	5	AF	78	NJ SANDY HOOK
1903	JAN	21	---	---	---	42.10	70.90	---	-	5	CY	49	MA WHITMAN
1907	JAN	24	11	30	---	42.80	74.00	---	-	5	CY	78	NY SCHENECTADY
1907	JAN	25	06	---	---	44.10	79.10	---	-	4	CY	78	ON GOODWOOD
1908	FEB	05	07	---	---	41.40	73.20	---	-	4	CY	49	CT HOUSATONIC VALLEY
1910	MAY	01	15	---	---	40.70	73.60	---	-	4	IN	78	NY NASSAU COUNTY
1921	JAN	19	10	---	---	43.30	73.70	---	-	4	CY	77	NY GLENS FALLS
1921	JAN	26	23	40	---	40.00	75.00	---	-	5	CY	78	NJ RIVERSIDE
1921	JAN	27	---	---	---	43.30	73.70	---	-	4	CY	77	NY GLENS FALLS
1925	MAY	23	---	---	---	43.40	73.10	---	-	3	SE	78	NY SODUS POINT
1926	MAY	22	---	---	---	41.70	73.90	---	-	2	IN	78	NY POUGHKEEPSIE
1939	OCT	25	14	46	---	42.20	73.90	---	-	2	IN	78	NY HUDSON
1946	NOV	28	22	00	---	43.90	73.80	---	-	3	IN	78	NY SCHROON LAKE
1951	DEC	08	04	37	---	41.70	73.90	---	-	3	EX	78	NY POUGHKEEPSIE
1952	JAN	30	---	---	---	44.50	73.20	---	-	2	CY	49	VT BURLINGTON
1952	JAN	30	04	00	---	44.50	73.20	---	-	6	CY	49	VT BURLINGTON
1952	OCT	08	21	40	---	41.70	74.00	---	-	5	SB	78	NY POUGHKEEPSIE
1954	FEB	21	20	---	---	41.20	75.90	---	-	7	MC	1	PA WILKES-BARRE
1954	FEB	24	03	55	---	41.20	75.90	---	-	6	MC	1	PA WILKES-BARRE
1954	MAR	31	21	25	---	40.30	74.00	---	-	4	SB	78	NJ SANDY HOOK
1955	JAN	21	08	40	---	43.00	73.80	---	-	5	CY	78	NY MALTA
1955	JAN	21	17	20	---	43.00	73.70	---	-	5	CY	78	NY MALTA
1955	FEB	03	02	30	---	44.50	73.20	---	-	5	CY	49	VT BURLINGTON
1955	FEB	03	04	06	---	44.50	73.20	---	-	2	CY	49	VT BURLINGTON
1955	FEB	03	04	08	---	44.50	73.20	---	-	2	CY	49	VT BURLINGTON
1955	FEB	03	04	28	---	44.50	73.20	---	-	2	CY	49	VT BURLINGTON
1958	MAY	06	19	---	---	42.70	73.80	---	-	4	SB	78	NY ALBANY

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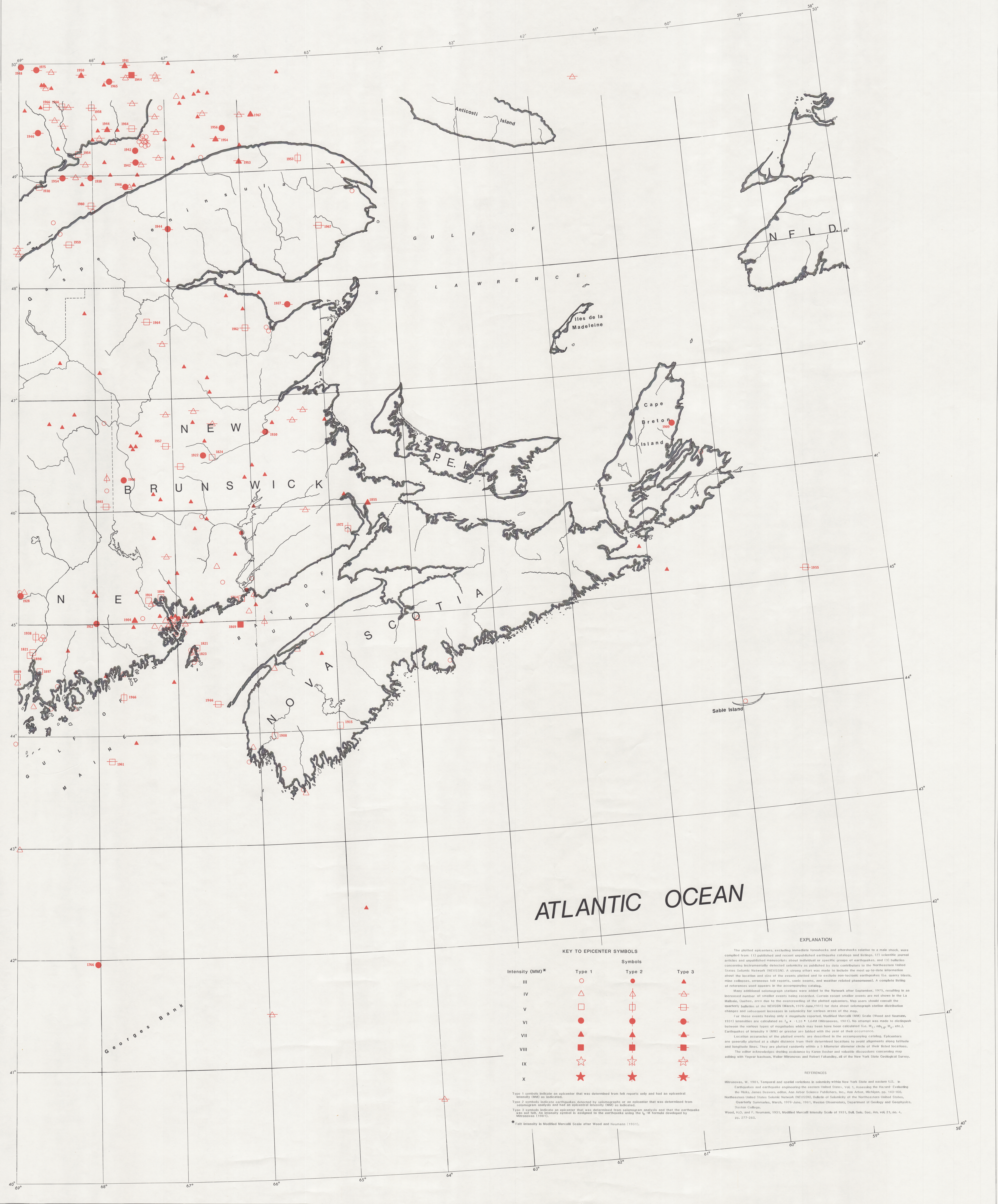
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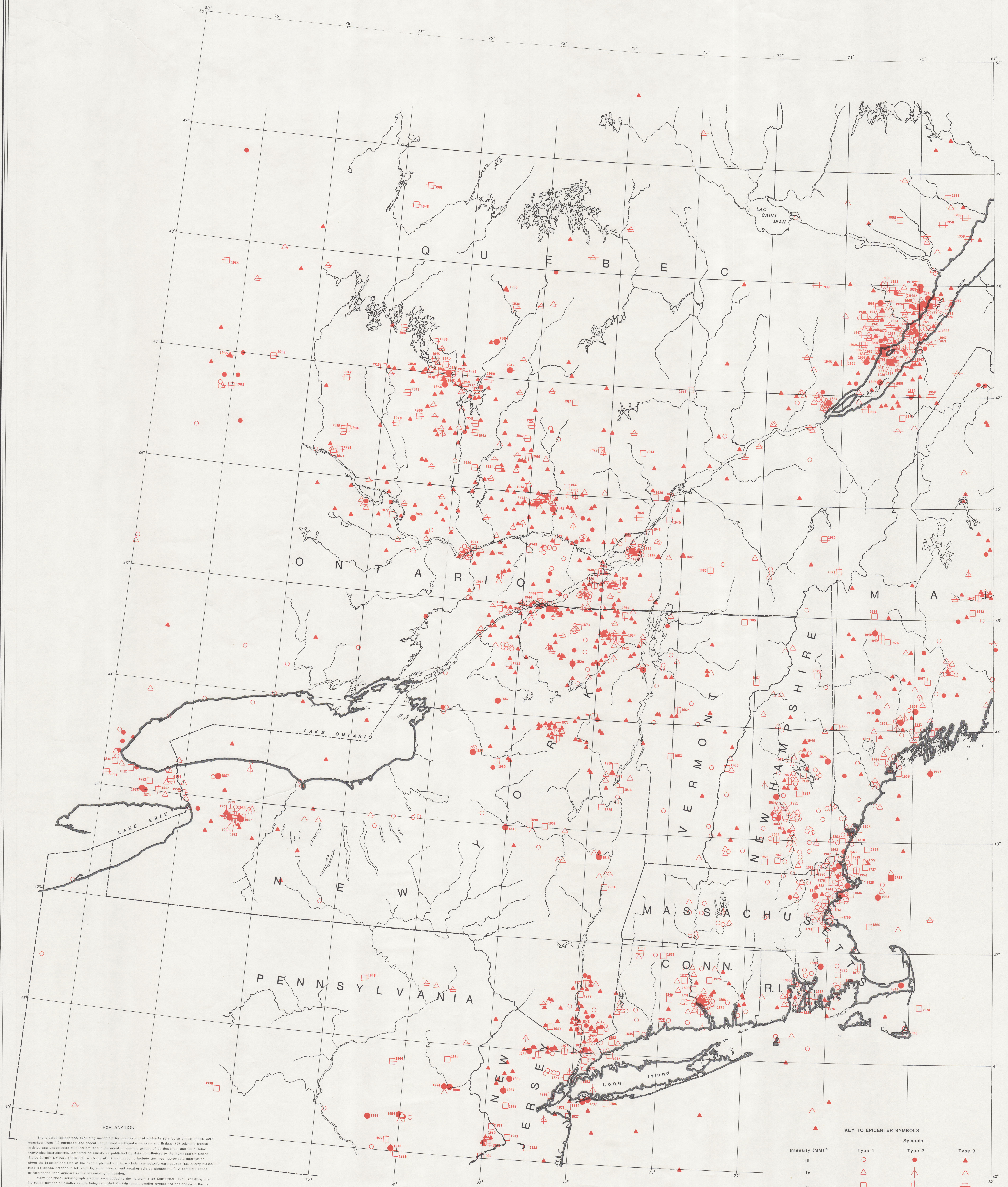


EPICENTER MAP OF NORTHEASTERN UNITED STATES AND SOUTHEASTERN CANADA,
ONSHORE AND OFFSHORE; TIME PERIOD 1534-1980 (eastern sheet)

Gary N. Nottis, EDITOR

Data compiled by E.F. Chiburis, assisted by R.O. Ahner, T. Graham, W. Wenk, V. Vudler, P. Breunig, R. Circone, S. Eichorn, M. Reddy, M. Rosario and P.A. Raica, all of Weston Observatory, Boston College. Additional compilation by G.N. Nottis, New York State Geological Survey.

NEW ENGLAND SEISMOTECTONIC STUDY
Coordinator, Patrick J. Barosh
1983



EXPLANATION

The plotted epicenters, excluding immediate foreshocks and aftershocks relative to a main shock, were compiled from: (1) published and recent unpublished earthquake catalogs and listings; (2) scientific journal articles and unpublished manuscripts about individual or specific groups of earthquakes; and (3) bulletins concerning instrumentally detected seismicity as published by data contributors to the Northeastern United States Seismic Network (NEUSN). A strong effort was made to indicate the most up-to-date information about the location and size of the events plotted and to exclude non-tectonic earthquakes (i.e., quarry blasts, mine collapses, volcanic eruptions, sea storms, and weather-related phenomena). A complete listing of references used appears in the accompanying catalog.

Many additional seismograph stations were added to the network after September, 1975, resulting in an increased number of smaller events being recorded. Certain recent smaller events are not shown in the La Malbaie, Quebec, area due to the overcrowding of the plotted epicenters. Map users should consult the quarterly bulletins of the NEUSN (March, 1976-June/1981) for data about seismograph station distribution changes and subsequent increases in seismicity for various areas of the map.

For those events having only a magnitude reported, Modified Mercalli (MM) Scale (Wood and Neuman, 1931) intensities are calculated as $I_{MM} = 1.79 + 1.64M$ (Mironovs, 1981). No attempt was made to distinguish between the various types of magnitudes which may have been calculated (M_L , M_{max} , M_{sc} , etc.). Earthquakes of intensity V (1000) or greater are labeled with the year of their occurrence.

Location accuracies of the plotted events are described in the accompanying catalog. Epicenters are generally plotted at a slight distance from their determined location to avoid alignment along latitude and longitude lines. They are plotted randomly within a 5 kilometer diameter circle of their listed locations.

The editor acknowledges drafting assistance by Karen Basher and valuable discussions concerning map editing with Yvonne Louchon, Walter Mironovs, and Robert Fokundry all of the New York State Geological Survey.

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EPICENTER MAP OF NORTHEASTERN UNITED STATES AND SOUTHEASTERN CANADA,
ONSHORE AND OFFSHORE; TIME PERIOD 1534-1980 (western sheet)

Gary N. Nottis, EDITOR

Data compiled by E.F. Chiburis, assisted by R.O. Ahner, T. Graham, W. Wenk, V. Vudler, P. Breunig, R. Circone, S. Eichorn, M. Reddy, M. Rosario and P.A. Raica, all of Weston Observatory, Boston College. Additional compilation by G.N. Nottis, New York State Geological Survey.

NEW ENGLAND SEISMOTECTONIC STUDY
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Scale 1:1,000,000
0 10 20 30 40 Kilometers
0 10 20 30 40 Miles

KEY TO EPICENTER SYMBOLS

Intensity (MM)*	Symbols			
	Type 1	Type 2	Type 3	Type 4
III	○	●	▲	◆
IV	△	◻	◼	◽
V	◻	◻	◻	◻
VI	●	●	●	●
VII	●	●	●	●
VIII	■	■	■	■
IX	☆	☆	☆	☆
X	★	★	★	★

Type 1 symbols indicate an epicenter that was determined from felt reports only and had an epicentral intensity (MM) of 10 or greater.

Type 2 symbols indicate earthquakes detected by seismographs or an epicenter that was determined from seismograph analysis and had an epicentral intensity (MM) of 10 or greater.

Type 3 symbols indicate an epicenter that was determined from seismograph analysis and that the earthquake was not felt. An intensity symbol is assigned to the earthquake using the I_{MM} formula developed by Mironovs (1981).

* Felt intensity in Modified Mercalli Scale after Wood and Neuman (1931).

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