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Lg-Wave Data-Base Tabulation From Recordings Made by the: I. LRSM-Stations in the Conterminous United States II. New England Stations

by
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PREFACE

This report contains L_g-wave data read from short-period seismograms of the long range seismic measurement arrays, known as the LRSM stations, and the New England network. This publication documents in a tabular format the L_g-wave amplitude and periods for a number of natural and man-made sources. This effort is part of a continuing program at the U.S. Geological Survey in the study of short-period seismic wave attenuation in the United States, under the project of "Seismic Wave Attenuation in Conterminous United States," of the Office of Earthquake, Volcanoes, and Engineering, Geological Division, in Denver, Colorado. The contributing sources of this data-base have been obtained and(or) extracted from Teledyne-Geotech, Alexandria Laboratories (recipient of the LRSM-data films) and Weston Observatory of Boston College in Massachusetts.

INTRODUCTION

This report presents a collection in tabular form of amplitudes and periods of L_g-waves obtained from explosive sources and earthquake recordings during 1961 through 1969, at sites pre-selected and identified as the long range seismic measurement stations, known as the LRSM stations. The tables given in this report list the event, the distance to the recording station, azimuth, period and the amplitude of L_g-waves as read from microfilm records of short-period seismographs. The tables are divided by the type of ground motion recorded. Tables 1, 2, and 3 list the transverse, vertical, and radial components of ground-motion, respectively. The operational daily data logs made in the field, which list all the pertinent parameters needed to determine the seismograph system frequency response, were used in order to correct the data listed in the above mentioned tables for each instrument response of the system at each station.

A total of 131 events were recorded in this period of time with a total number of 1,700 transverse components of horizontal ground motion from the LRSM stations. The magnitude range reported by the U.S. Coast and Geodetic Survey for these events is $2.0 \leq m_b \leq 6.4$. The stations and event locations that recorded the transverse component of ground motion are shown in figures 1 through 66. The station abbreviations and coordinates are listed in table 4.

Table 5 lists the amplitudes and periods of the L_g-wave vertical component of ground motion from explosive sources and earthquake recordings during 1976 through 1979, recorded on short-period seismometers of the New England network.

DATA COLLECTION

The L_g-wave transverse component of ground motion is listed in table 1. On this table, each event is identified and its respective teleseismic body-wave magnitude (m_b) listed. Some of the magnitudes were determined using a local network of Wood-Anderson seismometers in the Nevada Test Site area, and their magnitude is identified as M_L. Each column in this table, as well as tables 2 and 3, lists the station abbreviation (as described in Table 4), the epicentral distance in kilometers, the azimuth in degrees, the apparent period in seconds, the amplitude-period ratio in millimicrons per second, and a comment column, C*, that identifies the substitute component of ground motion read on a different instrument component, that is--in table 1, the corrected amplitudes of L_g-waves are listed as they were read from the horizontal seismometers (in this case the orientation of the system is recording the transverse component of ground motion) at a station. However, if the L_g-wave was not recorded at a station on the transverse component, then the amplitude as read on the radial component, R, is listed.

In table 2, the corrected amplitudes of L_g-waves as read from the vertical component of ground motion on the LRSM-stations recorded in conterminous United States are listed. Table 3 lists the corrected amplitudes of L_g-waves as read from the radial component of ground motion.

The amplitude data were read from 0 to peak of the maximum amplitude of the L_g-wave. Operational logs for each event were obtained from Teledyne-Geotech, Alexandria Laboratories, in order to calibrate each of the films containing the events being studied. After evaluating the short-period seismograph frequency response for the vertical and the two horizontal (transverse and radial) components, a correction was made to the scaled L_g-

wave amplitudes in order to remove the instrument response of the system. The scaled, edited, and reduced data were entered in tabular form in the computer data-base files for the purpose of analyzing and determining the attenuation of L_g-waves in the conterminous United States.

Figures 1 through 66 show the station locations used to tabulate the L_g-waves transverse component of ground motion recorded on the LRSM stations and listed in table 1. Each figure, plotted on a Mercator Projection map, shows the geographic State-line divisions, north latitude in degrees, west longitude in degrees, event epicenter shown as an asterisk, and the recording stations used in this report as solid black circles. The heading on each map identifies chronologically the date and magnitude for each event.

Figure 67 shows the Northeastern United States with the State-line divisions and State-abbreviation codes, north latitude in degrees, west longitude in degrees, and the station location and identification of the New England network. The L_g-wave data-base was read from 56 selected events in the Northeastern United States recorded on the stations shown in figure 67 and listed in table 5.

Table V contains the data obtained from short-period vertical seismograph systems and is similar in format to the data-base listed in tables 1, 2, and 3. The only differences are: (1) in the last column, the amplitude is listed in millimicrons, and (2) the magnitude listed is the so-called m_b of L_g or $m_b(L_g)$ used by Weston Observatory of Boston College.

These two data-bases are being made available so other investigators can use them for attenuation studies or for any other investigations on a regional basis. These data-bases have been used to derive magnitude scaling laws on a regional basis. Furthermore, the data-bases analyzed have been used to

determine γ for a spectral component of 1 sec, and they have been used to determine γ using the Matrix formulation derived in "Numerical study of attenuation of high frequency L_g-waves in the New Madrid seismic region," by J. J. Dwyer, R. B. Herrmann, and O. W. Nuttli, U.S. Geological Survey, Open-File Report 81-112, 131 p.

ACKNOWLEDGMENTS

We would like to thank Dr. R. G. Van Nostrand and Mr. John R. Woolson from Teledyne-Geotech, Alexandria Laboratories, who made available copies of the LRSM film, station logs, and other pertinent information about the LRSM stations. We would like to thank Prof. Maurice Major of the Colorado School of Mines, Geophysics Department, who made available a number of graduate students to read the film copies of the events recorded on the LRSM stations. Also, we would like to thank Prof. E. F. Chiburis of Weston Observatory of Boston College, who made available the assistance of a graduate student to select, read, reduce, and compile a great amount of data for P_g- and L_g-waves recorded in the New England region by the New England network of short-period seismographs.

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Table 1.— *Lg*-wave transverse component of ground motion recorded on the LRSM stations in the conterminous United States.

[*Event identification:* date of event; coordinates (degrees); and magnitude (m_b or M_L). *Column identification:* station code (listed in table 4); distance (kilometers); azimuth (degrees); period (seconds); amplitude divided by period (millimicrons per seconds); and instrument component other than transverse. Epicenter and station locations shown on figures 1 through 66.]

Table 1

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1961 Sep 15					
37.19 N 116.21 W					
Magnitude (MB)= 4.70					
MN-NV	220.2	128	0.5	2290.0	
BF-CL	292.5	54	0.7	417.0	
CP-CL	494.8	2	0.6	72.7	
BP-CL	498.2	114	0.6	99.7	
FS-AZ	500.4	299	0.5	114.0	
LC-NM	1026.4	304	0.9	13.0	
1961 Sep 16					
37.05 N 116.02 W					
Magnitude (MB)= 2.30					
MN-NV	242.4	129	0.5	4.0	
1961 Oct 10					
37.19 N 116.21 W					
Magnitude (MB)= 3.90					
MN-NV	219.1	128	0.6	650.0	
FM-UT	415.9	239	0.6	41.2	
CP-CL	496.0	2	0.5	9.4	
FS-AZ	500.4	300	0.6	11.4	
MV-CL	500.4	115	0.6	17.6	
VN-UT	682.8	240	0.6	13.4	
HL-ID	736.1	194	0.5	8.5	
DR-CO	747.3	270	0.5	89.7	
1961 Oct 29					
37.05 N 116.03 W					
Magnitude (MB)= 3.70					
MN-NV	242.4	129	0.5	71.7	
BF-CL	296.9	58	0.4	16.6	
FM-UT	412.6	236	0.5	174.0	
FS-AZ	479.3	299	0.5	11.5	
CP-CL	480.4	4	0.5	15.3	
WI-NV	493.7	165	0.5	76.0	
DR-CO	732.8	269	0.6	3.8	
1961 Dec 03					
37.05 N 116.03 W					
Magnitude (MB)= 4.30					
TP-NV	24.5	134	0.8	98800.0	
LM-NV	142.3	292	0.6	3500.0	
MN-NV	242.4	129	0.6	1420.0	
WM-AZ	387.0	299	0.8	558.0	
FM-UT	412.6	235	0.6	243.0	
FS-AZ	478.2	299	0.7	156.0	
CP-CL	480.4	4	0.6	224.0	
WI-NV	493.7	165	0.6	439.0	
MV-CL	521.5	116	0.7	121.0	
SF-AZ	576.0	302	0.7	137.0	
VN-UT	679.4	238	0.7	61.3	
SV-AZ	700.6	299	0.8	142.0	
DR-CO	732.8	269	0.7	67.3	
HL-ID	747.3	192	0.7	62.1	
ML-NM	768.4	304	0.8	38.9	
TC-NM	889.6	301	0.9	72.9	
LC-NM	1005.2	303	1.0	15.0	
RT-NM	1039.7	275	0.8	62.3	
SS-TX	1490.1	305	1.0	5.0	
HB-OK	1553.5	283	1.0	15.5	
SM-TX	1573.5	288	1.1	16.5	
TO-OK	1783.6	285	1.2	9.6	
MP-AR	2080.6	284	1.2	12.4	
1961 Dec 13					
37.13 N 116.05 W					
Magnitude (MB)= 3.40					
TP-NV	17.8	117	0.4	5655.0	
N2-NV	54.5	354	0.5	1044.0	
LM-NV	146.8	295	0.4	240.0	
MN-NV	234.6	128	0.4	80.5	
KN-UT	286.9	273	0.7	67.6	
WM-UT	392.5	300	0.6	32.5	
FM-UT	409.2	237	0.4	184.0	
WI-NV	484.8	165	0.6	49.1	
CP-CL	489.3	3	0.4	7.0	
MV-CL	516.0	115	0.8	11.8	
SF-AZ	582.7	302	0.8	11.9	R
DR-CO	733.9	270	0.5	2.0	
HL-ID	739.5	192	0.8	4.0	
ML-NM	775.1	304	1.1	15.7	
TC-NM	896.3	302	0.4	4.2	
1961 Dec 17					
37.04 N 116.02 W					
Magnitude (MB)= 4.10					
N2-NV	45.6	354	0.5	10600.0	
LM-NV	142.3	292	0.5	3030.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
MN-NV	243.5	129	0.5	518.0	
KN-UT	284.7	271	0.6	692.0	
WM-AZ	387.0	299	0.6	232.0	
FM-UT	412.6	235	0.6	226.0	
FS-AZ	478.2	299	0.7	55.9	
CP-CL	480.4	4	0.5	55.8	
WI-NV	493.7	165	0.6	231.0	
MV-CL	521.5	116	0.7	43.9	
SF-AZ	576.0	302	0.7	56.8	
VN-UT	679.4	238	0.6	22.1	
SV-AZ	700.6	299	0.7	73.1	
DR-CO	732.8	269	0.8	13.5	
HL-ID	749.5	192	0.6	20.0	
ML-NM	768.4	304	0.7	13.2	
TC-NM	889.6	301	0.6	22.6	
LC-NM	1005.2	303	0.8	4.0	
RT-NM	1039.7	275	0.9	7.7	

1961 Dec 22
37.20 N 116.21 W
Magnitude (MB)= 3.20

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
N2-NV	65.6	342	0.4	157.0	
MN-NV	220.2	128	0.5	57.8	
KN-UT	301.4	275	0.6	19.3	
WM-AZ	409.2	300	0.5	7.8	
FM-UT	415.9	239	0.5	4.4	
WI-NV	473.7	166	0.6	16.7	
HL-ID	735.0	194	0.6	1.2	

1962 Jan 09
37.05 N 116.03 W
Magnitude (MB)= 4.20

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
N2-NV	45.6	354	0.6	6830.0	
DV-CL	134.6	3	0.5	3640.0	
MN-NV	242.4	129	0.6	587.0	
KN-UT	284.7	271	0.6	578.0	
FS-AZ	479.3	120	0.7	63.4	
WI-NV	497.1	346	0.6	122.0	
MV-CL	523.8	295	0.6	49.9	
SF-AZ	577.1	123	0.6	57.5	
VN-UT	680.5	235	0.5	18.2	
SV-AZ	700.6	120	0.6	47.8	
HL-ID	749.5	192	0.6	17.1	
ML-NM	769.5	304	0.6	11.4	
TC-NM	890.7	301	0.6	21.8	
LC-NM	1005.2	303	0.7	3.3	
RT-NM	1040.8	275	0.7	9.8	
EF-TX	1196.5	306	1.0	3.0	
BM-TX	1313.3	304	0.7	2.7	

1962 Jan 18
37.05 N 116.03 W
Magnitude (MB)= 4.50

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
DV-CL	134.6	3	0.4	2150.0	
MN-NV	242.4	129	0.5	740.0	
BF-CL	296.9	58	0.6	193.0	
TN-CL	315.8	359	0.6	683.0	
WM-AZ	388.1	299	0.6	74.7	
FM-UT	412.6	235	0.7	205.0	
FS-AZ	479.3	299	0.6	118.0	
CP-CL	480.4	4	0.6	99.4	
WI-NV	493.7	165	0.6	138.0	
MV-CL	521.5	116	0.6	75.2	
SF-AZ	577.1	302	0.7	75.9	
VN-UT	680.5	238	0.7	40.4	
SV-AZ	700.6	299	0.7	88.8	
DR-CO	732.8	269	0.7	59.6	
HL-ID	748.4	192	0.8	35.8	
ML-NM	769.5	304	0.8	24.0	
TC-NM	890.7	301	0.6	52.7	
LC-NM	1005.2	303	1.2	11.8	
RT-NM	1040.8	275	0.9	10.2	
EP-TX	1084.2	304	0.7	11.2	

1962 Jan 30
37.05 N 116.04 W
Magnitude (MB)= 4.50

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
DV-CL	134.6	2	0.7	19800.0	
MN-NV	242.4	129	0.6	884.0	
AT-NV	284.7	161	0.6	1790.0	
KN-UT	285.8	271	0.5	1100.0	
BF-CL	295.8	58	0.7	174.0	
TN-CL	315.8	359	0.6	936.0	
FM-UT	413.7	236	0.4	165.0	
FS-AZ	479.3	299	0.5	171.0	
CP-CL	480.4	4	0.6	153.0	
WI-NV	492.6	165	0.4	1050.0	
MV-CL	520.4	116	0.6	102.0	
SF-AZ	577.1	302	0.5	108.0	
VN-UT	680.5	238	0.7	38.8	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
SV-AZ	700.6	299	0.8	157.0	
VT-OR	707.2	163	0.9	399.0	
DR-CO	733.9	269	0.7	114.0	
HL-ID	748.4	192	0.6	45.9	
ML-NM	769.5	304	0.6	26.5	
TC-NM	890.7	301	0.5	58.7	
PT-OR	980.8	165	0.6	17.0	
LC-NM	1006.4	303	0.7	7.6	
RT-NM	1040.8	275	0.9	29.2	
EP-TX	1084.2	304	0.6	13.6	
EF-TX	1197.6	306	0.8	2.6	

1962 Feb 08
37.13 N 116.05 W
Magnitude (MB)= 4.30

N2-NV	55.6	0	0.7	4300.0	
MN-NV	234.6	125	0.7	780.0	
KN-UT	286.9	273	0.6	1530.0	
TN-CL	324.7	0	0.6	600.0	
WM-AZ	393.6	300	0.6	160.0	
FM-UT	409.2	236	0.6	125.0	
FS-AZ	484.8	299	1.0	58.0	
CP-CL	489.3	3	0.7	51.0	
MV-CL	516.0	76	0.5	86.0	
SF-AZ	582.7	302	0.7	74.0	
VN-UT	676.1	236	0.6	32.0	
SV-AZ	706.1	299	0.5	154.0	
DR-CO	733.9	268	0.7	37.0	
HL-ID	739.5	192	0.6	37.0	
ML-NM	775.1	303	1.1	38.0	
TC-NM	896.3	299	0.7	49.0	
PT-OR	1083.1	166	0.7	9.2	
LC-NM	1010.8	301	1.0	10.0	
EF-TX	1203.2	304	1.0	4.6	
LP-TX	1760.3	301	1.4	5.9	

1962 Feb 09
37.04 N 116.04 W
Magnitude (MB)= 4.20

N2-NV	45.6	0	0.7	9800.0	
MN-NV	241.3	126	0.8	2300.0	
AT-NV	285.8	162	0.5	1320.0	
KN-UT	285.8	270	0.5	844.0	
TN-CL	315.8	359	0.7	770.0	
FM-UT	413.7	224	0.6	940.0	
CP-CL	479.3	4	0.5	144.0	
MV-CL	521.5	117	0.7	77.0	
SF-AZ	577.1	303	0.6	168.0	
VN-UT	680.5	227	1.0	114.0	
SV-AZ	700.6	297	0.6	110.0	
VT-OR	707.2	163	0.7	146.0	
DR-CO	733.9	266	0.8	98.0	
TC-NM	890.7	298	0.8	64.0	
PT-OR	980.8	166	0.6	9.4	
LC-NM	1005.2	301	1.2	13.0	
RT-NM	1040.8	273	1.0	16.0	

1962 Feb 09
37.04 N 116.04 W
Magnitude (ML)= 6.25

MN-NV	242.4	130	0.8	9640.5	
BF-CL	296.9	59	1.0	1608.8	
TN-CL	315.8	359	0.6	5626.5	
FM-UT	413.7	234	0.8	1707.0	Z
FS-AZ	479.3	299	1.0	570.5	R
CP-CL	479.3	4	0.5	2844.1	
SF-AZ	577.1	301	0.5	4231.5	
VN-UT	680.5	236	0.9	522.1	
VT-OR	703.9	164	0.8	3156.2	
SV-AZ	711.7	297	0.8	1266.5	
DR-CO	732.8	266	0.8	611.1	
LC-NM	1005.2	301	0.9	80.9	

1962 Feb 15
37.23 N 116.06 W
Magnitude (MB)= 4.90

DV-CL	154.6	2	0.7	3260.0	Z
MN-NV	228.0	126	0.7	3300.0	
AT-NV	262.4	160	0.6	4950.0	
KN-UT	288.0	275	0.6	3000.0	
BF-CL	304.7	54	0.7	1004.0	
TN-CL	335.8	358	0.6	1950.0	
WM-AZ	399.2	301	0.8	1402.0	
FM-UT	402.5	238	0.7	700.0	
WI-NV	473.7	165	0.5	1068.0	
FS-AZ	490.4	301	0.9	400.0	
CP-CL	500.4	3	0.5	208.0	
MV-CL	511.5	114	1.0	233.0	
SF-AZ	589.4	303	0.8	282.0	
VN-UT	669.4	239	0.8	195.0	
VT-OR	688.3	162	0.8	1650.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
SV-AZ	710.6	300	0.7	330.0	
HL-ID	729.5	193	0.9	185.0	
DR-CO	733.9	270	0.9	135.0	
TC-NM	901.8	302	0.6	203.0	
PT-OR	960.8	165	1.0	36.0	
LC-NM	1017.5	304	1.1	23.0	
RT-NM	1043.1	277	1.0	38.0	
TK-WA	1069.7	158	1.0	13.0	Z
EP-TX	1095.3	305	0.7	27.0	
EF-TX	1208.7	307	0.8	8.3	
GN-NM	1244.3	300	0.9	100.0	
BM-TX	1324.4	305	1.0	23.1	
SS-TX	1501.2	306	1.1	10.5	
WN-SD	1503.4	249	1.1	52.0	R
HB-OK	1556.8	283	1.0	21.0	
WMO	1597.9	285	1.1	6.5	E
LP-TX	1764.7	305	1.3	10.0	
MP-AR	2083.9	285	1.5	9.8	

1962 Feb 19
37.05 N 116.03 W
Magnitude (MB)= 4.04

N2-NV	48.9	0	0.5	2810.0	
DV-CL	134.6	2	0.4	1700.0	
MN-NV	242.4	127	0.5	312.0	
KN-UT	284.7	271	0.6	256.0	
AT-NV	284.7	163	0.5	655.0	
BF-CL	296.9	58	0.5	89.9	
TN-CL	315.8	359	0.4	547.0	
WM-AZ	388.1	300	0.4	124.0	
FM-UT	412.6	236	0.5	88.3	
FS-AZ	478.2	298	0.3	57.2	
CP-CL	480.4	4	0.5	59.4	
MV-CL	521.5	116	0.7	21.1	
SF-AZ	577.1	302	0.6	40.5	
VN-UT	671.6	236	0.7	16.0	
SV-AZ	700.6	298	0.8	18.9	
VT-OR	707.2	163	0.7	137.0	R
DR-CO	732.8	267	0.3	27.6	
HL-ID	748.4	192	0.5	9.2	R
TC-NM	890.7	299	0.7	20.7	
LC-NM	1005.2	303	1.0	5.0	Z

1962 Feb 19
37.13 N 116.04 W
Magnitude (MB)= 4.00

N2-NV	54.5	0	0.4	2400.0	
DV-CL	143.4	1	0.5	1520.0	
MN-NV	235.7	125	0.5	591.0	
AT-NV	276.9	162	0.7	746.0	
KN-UT	285.8	271	0.6	531.0	
BF-CL	301.4	57	0.5	87.7	
TN-CL	324.7	359	0.5	498.0	
WM-AZ	392.5	301	0.6	199.0	
FM-UT	408.1	136	0.5	182.0	
FS-AZ	482.6	301	0.7	44.1	
CP-CL	489.3	4	0.4	63.7	
MV-CL	551.6	116	0.5	50.4	
SF-AZ	581.6	303	0.6	53.0	
VN-UT	675.0	237	0.7	23.0	
VT-OR	698.3	164	0.5	215.0	R
SV-AZ	703.9	299	0.6	57.8	
DR-CO	732.8	268	0.7	27.7	
HL-ID	739.5	192	0.6	29.1	
TC-NM	895.2	300	0.5	31.7	
LC-NM	1009.7	302	1.1	5.4	Z

1962 Feb 24
37.05 N 116.03 W
Magnitude (MB)= 2.00

DV-CL	134.6	3	0.7	11.7	
MN-NV	242.4	129	0.4	5.4	
KN-UT	284.7	272	0.6	2.4	

1962 Mar 01
37.04 N 116.03 W
Magnitude (MB)= 4.40

N2-NV	45.6	355	0.8	12000.0	
KN-UT	284.7	271	0.6	1850.0	
BF-CL	296.9	58	7.0	191.0	
WM-AZ	387.0	299	0.6	459.0	
FM-UT	412.6	235	0.5	240.0	
FS-AZ	478.2	299	0.8	177.0	
CP-CL	479.3	4	0.6	107.0	
MV-CL	521.5	116	0.7	100.0	
SF-AZ	576.0	302	1.1	193.0	
SV-AZ	700.6	299	0.8	193.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
DR-CO	732.8	269	0.8	97.0	
HL-ID	749.5	192	0.7	61.6	
TC-NM	889.6	301	0.8	76.4	
PT-OR	980.8	165	0.6	10.5	
LC-NM	1005.2	303	1.2	21.9	
EP-TX	1083.1	304	0.6	10.4	
EF-TX	1196.5	306	1.2	9.5	

1962 Mar 05
37.11 N 116.36 W
Magnitude (MB)= 4.20

DV-CL	136.8	345	0.7	391.0	
MN-NV	205.7	135	0.7	262.0	
AT-NV	259.1	170	0.5	354.0	
KN-UT	302.5	273	0.7	98.1	
TN-CL	312.5	345	0.6	186.0	
WM-AZ	402.5	299	0.6	47.1	
FM-UT	417.0	237	0.7	29.0	
WI-NV	463.7	170	0.6	67.1	R
CP-CL	469.3	14	0.6	18.7	
MV-CL	490.4	117	0.6	20.2	
FS-AZ	491.5	299	0.8	31.4	
SF-AZ	588.2	302	0.6	26.6	R
VT-OR	675.0	171	0.6	123.8	
HL-ID	730.6	187	0.6	13.6	
DR-CO	745.0	269	0.7	7.6	

1962 Mar 31
37.05 N 116.04 W
Magnitude (MB)= 4.01

N2-NV	45.6	354	0.5	2390.0	
DV-CL	134.6	2	0.4	1380.0	
MN-NV	242.4	129	0.4	206.0	
AT-NV	284.7	161	0.7	331.0	
KN-UT	285.8	272	0.6	245.0	
BF-CL	295.8	58	0.6	30.6	
TN-CL	315.8	359	0.5	213.0	
WM-AZ	388.1	299	0.6	82.7	
FM-UT	412.6	236	0.8	36.0	
FS-AZ	479.3	299	0.8	35.1	
CP-CL	480.4	4	0.5	18.3	
WI-NV	492.6	165	0.8	106.0	
MV-CL	521.5	116	0.6	17.9	
SF-AZ	577.1	302	0.6	19.6	
VN-UT	680.5	238	0.8	9.3	
SV-AZ	700.6	299	0.6	14.8	
VT-OR	707.2	163	0.6	76.4	
DR-CO	733.9	269	0.7	13.0	
HL-ID	748.4	192	0.8	10.8	
LC-NM	1006.4	303	0.9	2.0	

1962 Apr 05
37.04 N 116.02 W
Magnitude (MB)= 4.60

DV-CL	134.6	1	0.5	5980.0	
MN-NV	242.4	127	0.7	1420.0	
KN-UT	283.6	270	0.5	1230.0	
AT-NV	285.8	163	0.6	1095.0	
BF-CL	296.9	59	0.7	213.0	Z
TN-CL	314.7	359	0.5	551.0	Z
WM-AZ	387.0	299	1.1	609.0	
FM-UT	412.6	236	0.6	244.0	
FS-AZ	477.0	298	0.9	140.0	
CP-CL	479.3	4	0.6	142.0	
WI-NV	493.7	166	0.6	73.1	Z
SF-AZ	576.0	302	0.4	149.0	
SV-AZ	699.4	298	0.7	190.0	
VT-OR	707.2	163	0.7	341.0	
DR-CO	731.7	268	0.9	175.0	
HL-ID	748.4	192	0.8	59.5	
TC-NM	889.6	299	0.6	60.5	
PT-OR	980.8	166	0.6	9.1	
LC-NM	1004.1	301	1.1	20.7	
EP-TX	1082.0	302	0.9	20.6	
EF-TX	1195.4	304	1.0	6.7	Z
LP-TX	1753.6	300	1.4	10.1	R

1962 Apr 06
37.12 N 116.04 W
Magnitude (MB)= 4.30

N2-NV	54.5	354	0.6	1400.0	
IR-4	84.5	310	0.7	18800.0	
IR-11	105.6	65	0.6	1660.0	
DV-CL	143.4	2	0.7	4020.0	
IR-12	153.5	63	0.5	8450.0	
IR-13	200.2	72	0.6	9630.0	
IR-7	212.4	317	0.5	2560.0	
MN-NV	235.7	128	0.6	1220.0	
AT-NV	276.9	161	0.6	2630.0	
KN-UT	285.8	273	0.6	1650.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
BF-CL	300.2	56	0.6	282.0	
IR-15	304.7	74	0.6	3130.0	
TN-CL	323.6	359	0.5	1430.0	
WM-AZ	392.5	300	0.6	756.0	
FM-UT	409.2	236	0.6	342.0	
FS-AZ	482.6	299	0.6	214.0	
CP-CL	488.2	3	0.6	106.0	
MV-CL	517.1	115	0.7	136.0	
SF-AZ	581.6	302	1.1	280.0	
SV-AZ	705.0	300	0.6	136.0	
DR-CO	732.8	269	0.7	124.0	
HL-ID	740.6	192	0.6	79.9	
TC-NM	895.2	302	0.9	93.9	
PT-OR	973.0	165	0.8	16.7	
LC-NM	1009.7	304	1.4	47.4	
PM-WY	1028.6	247	1.1	44.5	
EP-TX	1087.5	305	0.7	14.1	
EF-TX	1202.1	306	1.3	20.7	
SS-TX	1494.5	305	1.4	18.2	
HB-OK	1554.6	283	1.2	33.7	
LP-TX	1758.1	304	1.4	15.5	
SE-MN	1971.6	253	1.4	14.9	
MP-AR	2081.7	284	1.4	17.7	

1962 May 12
37.07 N 116.03 W
Magnitude (MB)= 4.89

MN-NV	241.3	128	0.8	7637.0	
AT-NV	283.6	160	0.9	7659.0	
KN-UT	284.7	271	1.0	7034.0	
FM-UT	411.4	235	0.8	1028.0	
TF-CL	412.6	58	0.9	1544.0	
WI-NV	491.5	165	0.9	1686.0	
FS-AZ	479.3	298	1.0	1073.0	
MV-CL	520.4	115	0.8	790.0	
VN-UT	678.3	237	1.0	491.0	
DR-CO	732.8	269	0.8	405.0	
HL-ID	746.2	192	1.0	484.0	
PT-OR	978.6	164	1.0	102.0	
LC-NM	1006.4	303	1.3	144.0	
PM-WY	1029.7	246	0.9	87.0	
WN-SD	1511.2	248	0.9	70.0	
LP-TX	1754.7	304	1.0	26.5	
TO-OK	1783.6	285	1.1	25.1	
SJ-TX	1964.9	306	1.4	33.9	
SE-MN	1973.8	252	1.3	36.8	
MP-AR	2080.6	284	1.1	23.3	
CW-AR	2170.6	282	1.3	20.0	
CN-WS	2264.0	255	1.0	7.3	

1962 Jun 06
37.05 N 116.04 W
Magnitude (MB)= 4.20

MN-NV	242.4	129	0.4	2160.0	
KN-UT	285.8	271	0.7	946.0	
TF-CL	411.4	58	0.6	114.0	
FM-UT	413.7	236	0.4	208.0	
FS-AZ	479.3	299	0.6	144.0	
CP-CL	480.4	4	0.6	74.4	
MV-CL	520.4	116	0.6	96.2	
DR-CO	733.9	269	0.8	90.4	
HL-ID	749.5	192	0.8	34.2	
PT-OR	980.8	165	0.7	12.2	
LC-NM	1006.4	303	1.0	10.0	
PM-WY	1031.9	247	1.0	9.6	
EL-WA	1162.0	159	1.0	10.1	
SS-TX	1490.1	305	1.0	5.3	

1962 Jun 08
38.33 N 119.30 W
Magnitude (ML)= 4.20

WI-NV	370.3	205	0.7	1921.0	R
FM-UT	623.8	262	0.6	2314.5	
CP-CL	676.1	337	0.7	1102.4	
FS-AZ	800.6	297	0.8	512.6	
DR-CO	1017.5	275	0.8	183.4	

1962 Jun 13
37.22 N 116.16 W
Magnitude (MB)= 4.50

MN-NV	221.3	127	0.6	716.0	
KN-UT	296.9	275	1.0	444.0	
FM-UT	411.4	239	0.4	118.0	
TF-CL	411.4	55	0.9	147.0	
WI-NV	471.5	166	0.4	312.0	
FS-AZ	498.2	300	1.0	166.0	
CP-CL	499.3	2	0.4	42.6	
MV-CL	501.5	115	0.6	55.1	
HL-ID	731.7	193	0.9	39.5	
DR-CO	742.8	270	1.0	60.5	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
PT-OR	958.5	165	1.0	12.3	
LC-NM	1025.3	304	1.2	13.0	
PM-WY	1031.9	248	1.1	10.2	
SS-TX	1509.0	306	1.2	5.8	
1962 Jun 27					
37.04 N 116.03 W					
Magnitude (MB)= 4.90					
MN-NV	242.4	128	1.0	9500.0	
KN-UT	284.7	272	0.8	4300.0	
TF-CL	411.4	61	1.0	781.0	
FM-UT	413.7	236	0.7	1050.0	
FS-AZ	479.3	298	0.9	879.0	
CP-CL	480.4	4	1.3	932.0	
WI-NV	493.7	166	0.8	2250.0	
MV-CL	521.5	117	1.0	986.0	
DR-CO	732.8	267	0.9	343.0	
HL-ID	749.5	192	0.8	264.0	
PK-OR	949.6	166	0.8	67.0	
PT-OR	981.9	167	1.4	182.0	
LC-NM	1005.2	302	1.4	130.0	
PM-WY	1031.9	244	1.0	61.0	
EL-WA	1165.4	161	0.8	44.0	
HS-NB	1286.6	244	1.0	86.0	
SS-TX	1490.1	302	1.2	40.0	
WN-SD	1513.4	243	1.0	101.0	
HB-OK	1554.6	277	1.0	62.0	
MC-SD	1701.4	245	2.2	82.0	
GV-TX	1794.8	285	1.5	107.0	
AK-OK	1829.2	279	1.2	40.0	
SJ-TX	1963.8	303	2.4	182.0	
SE-MN	1974.9	246	1.8	48.0	
MP-AR	2080.6	278	2.3	81.0	
PV-AR	2115.0	277	1.9	24.0	
CN-WS	2265.1	247	2.0	42.0	
JS-TN	2458.6	273	2.0	120.0	
AR-WS	2508.7	248	1.5	24.0	
MM-TN	2727.7	274	2.0	39.0	
CG-VA	2905.7	273	2.4	18.0	
BL-WV	3058.0	269	2.0	54.0	
1962 Jun 28					
37.01 N 116.20 W					
Magnitude (MB)= 4.50					
MN-NV	233.5	132	0.7	1966.4	
KN-UT	300.2	271	0.7	651.7	
TF-CL	395.9	58	0.8	244.0	
FM-UT	428.1	236	0.6	291.9	
CP-CL	474.8	2	1.1	252.0	
FS-AZ	491.5	297	0.7	181.8	
MV-CL	509.3	117	0.8	169.0	
DR-CO	749.5	269	0.8	64.3	
HL-ID	755.0	193	0.9	74.6	
PK-OR	949.6	165	0.9	27.7	
PT-OR	981.9	166	0.9	32.4	
LC-NM	1017.5	303	1.5	53.4	
PM-WY	1050.8	247	1.2	25.2	
EL-WA	1163.2	160	0.9	19.6	
SS-TX	1501.2	305	1.6	29.2	
AK-OK	1842.6	285	1.4	12.4	
1962 Jun 30					
37.12 N 116.05 W					
Magnitude (MB)= 4.10					
MN-NV	235.7	128	0.9	605.0	
KN-UT	286.9	273	0.6	678.0	
FM-UT	410.3	236	0.6	255.0	
TF-CL	413.7	57	0.8	172.0	
FS-AZ	482.6	299	0.6	92.3	
CP-CL	488.2	3	0.8	46.6	
MV-CL	516.0	115	0.8	77.7	
DR-CO	733.9	269	1.0	66.4	
HL-ID	740.6	192	0.7	32.9	
LC-NM	1009.7	304	1.3	12.5	
1962 Jul 06					
37.18 N 116.05 W					
Magnitude (MB)= 4.70					
MN-NV	232.4	126	0.8	1770.0	
KN-UT	286.9	274	0.8	2350.0	
FM-UT	404.8	237	1.2	1520.0	
TF-CL	418.1	57	1.0	701.0	
WI-NV	478.2	165	1.0	2260.0	
FS-AZ	485.9	300	1.0	401.0	
CP-CL	493.7	3	0.8	171.0	
MV-CL	513.7	115	0.8	147.0	
DR-CO	732.8	270	0.9	287.0	
HL-ID	733.9	192	1.0	218.0	
PT-OR	966.3	165	1.5	151.0	
LC-NM	1013.0	304	1.6	113.0	
PM-WY	1025.3	248	1.2	60.3	
CY-WY	1073.1	248	1.4	211.0	
SS-TX	1497.9	306	1.5	43.5	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
HB-OK	1554.6	283	1.8	168.0	
GV-TX	1799.2	291	1.6	116.0	
AL-OK	1870.4	285	1.6	60.5	
SE-MN	1968.2	253	1.8	31.3	
MP-AR	2081.7	285	1.7	49.6	
1962 Jul 08					
37.50 N 114.20 W					
Magnitude (ML)= 4.40					
FM-UT	258.0	223	0.5	27457.1	
FS-AZ	374.7	317	0.6	4398.0	
CP-CL	564.9	21	0.6	2216.9	
DR-CO	567.1	270	0.6	2207.6	
MV-CL	648.3	87	0.5	3688.8	
LC-NM	895.2	309	1.0	92.3	
1962 Jul 13					
37.05 N 116.03 W					
Magnitude (MB)= 4.10					
MN-NV	241.3	129	0.6	2470.0	
KN-UT	284.7	272	0.8	3200.0	
TF-CL	411.4	58	0.8	228.0	
FM-UT	412.6	236	0.6	414.0	
FS-AZ	479.3	299	0.8	328.0	
CP-CL	481.5	4	0.8	197.0	
WI-NV	492.6	165	0.7	880.0	
MV-CL	520.4	116	0.9	207.0	
DR-CO	732.8	269	1.0	142.0	
PT-OR	979.7	165	0.8	18.7	
LC-NM	1006.4	303	1.1	26.4	
SS-TX	1491.2	305	1.1	11.0	
HB-OK	1554.6	283	1.2	38.4	
1962 Jul 14					
36.80 N 115.93 W					
Magnitude (MB)= 3.70					
KN-UT	276.9	266	0.8	94.5	
TF-CL	407.0	62	0.8	22.2	
FM-UT	422.6	232	0.6	16.4	
CP-CL	453.7	5	0.6	14.5	
FS-AZ	459.3	296	0.8	21.7	
WI-NV	521.5	165	0.8	57.9	
MV-CL	542.7	118	0.8	6.5	

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1962 Jul 14					
40.43 N 125.52 W					
Magnitude (ML)= 5.10					
FM-UT	1146.5	277	3.1	627.7	
CP-CL	1182.1	316	1.8	165.2	
FS-AZ	1384.4	296	4.0	231.2	
DR-CO	1570.1	282	2.5	128.8	
LC-NM	1911.5	298	2.4	57.1	R
SS-TX	2396.4	299	2.5	29.1	
HB-OK	2405.3	284	3.0	102.9	
SE-MN	2563.2	261	3.0	53.4	
1962 Jul 27					
37.13 N 116.06 W					
Magnitude (MB)= 4.30					
MN-NV	234.6	128	0.6	510.0	
KN-UT	288.0	273	0.6	460.0	
FM-UT	410.3	237	0.5	250.0	
TF-CL	412.6	57	0.6	56.0	
FS-AZ	484.8	299	0.7	84.0	
WI-NV	484.8	165	1.0	210.0	
CP-CL	488.2	2	0.6	30.0	
MV-CL	516.0	115	0.7	66.0	
DR-CO	735.0	270	0.6	31.0	
HL-ID	740.6	193	0.7	33.0	
PT-OR	973.0	165	0.9	13.0	
LC-NM	1010.8	304	1.3	13.0	
PM-WY	1028.6	247	1.0	7.0	
HK-WY	1127.6	247	1.0	19.0	
1962 Aug 23					
41.85 N 124.33 W					
Magnitude (ML)= 5.60					
FM-UT	1067.5	286	1.0	1276.5	
CP-CL	1232.1	321	1.6	227.3	
FS-AZ	1361.1	304	2.6	533.4	
DR-CO	1499.0	289	2.3	122.3	
HK-WY	1658.0	271	0.9	2132.5	
LC-NM	1887.1	304	2.5	140.6	
SS-TX	2369.7	303	2.6	97.1	
1962 Aug 24					
37.12 N 116.04 W					
Magnitude (MB)= 4.40					
MN-NV	235.7	128	0.8	1200.0	
KN-UT	285.8	273	0.7	1300.0	
FM-UT	409.2	236	0.7	570.0	
TF-CL	414.8	57	0.8	190.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
FS-AZ	482.6	300	0.8	410.0	
CP-CL	488.2	3	0.8	100.0	
MV-CL	517.1	115	0.8	87.0	
DR-CO	732.8	270	0.7	69.0	
HL-ID	740.6	192	0.7	70.0	
PT-OR	973.0	165	0.7	16.0	
LC-NM	1008.6	304	1.0	15.0	
PM-WY	1028.6	247	1.4	50.0	
HK-WY	1127.6	247	1.4	82.0	
SS-TX	1494.5	305	1.4	12.0	
WN-SD	1509.0	249	1.0	20.0	
HB-OK	1554.6	283	1.2	41.0	
CT-OK	1909.3	285	1.4	15.0	
SE-MN	1971.6	253	1.9	18.0	
MP-AR	2081.7	284	1.4	19.0	
HT-MN	2120.6	254	1.8	48.0	
1962 Aug 24					
37.05 N	116.02 W				
Magnitude (MB)= 4.20					
MN-NV	242.4	129	0.6	550.0	
KN-UT	284.7	272	0.6	500.0	
FM-UT	412.6	235	0.5	160.0	
TF-CL	412.6	58	0.8	81.0	
FS-AZ	479.3	299	0.7	110.0	
CP-CL	480.4	4	0.6	56.0	
MV-CL	521.5	116	0.8	25.0	
DR-CO	732.8	269	0.8	40.0	
HL-ID	748.4	192	0.7	26.0	
PT-OR	980.8	165	0.6	7.0	
LC-NM	1005.2	304	1.2	11.0	
PM-WY	1030.8	247	1.0	7.0	
HK-WY	1128.7	247	1.1	17.0	
SS-TX	1489.0	305	1.0	4.0	
1962 Aug 30					
40.70 N	112.00 W				
Magnitude (ML)= 5.70					
MV-CL	810.6	79	0.8	1577.3	Z
CP-CL	966.3	25	1.2	585.5	
SS-TX	1473.4	324	0.8	1518.0	
HT-MN	1628.0	254	1.3	3961.5	R
GV-TX	1704.7	303	0.9	5579.3	
MP-AR	1791.4	293	0.9	3215.8	
SJ-TX	1919.3	319	2.0	647.2	
CV-TN	2216.2	284	0.9	1297.5	R
MM-TN	2375.2	283	1.2	411.6	
1962 Sep 05					
41.80 N	111.80 W				
Magnitude (ML)= 5.10					
FM-UT	288.0	5	0.9	5736.5	
MN-NV	591.6	55	1.1	594.1	R
HK-WY	619.4	271	1.1	1849.1	Z
FS-AZ	748.4	358	0.9	1446.1	
MV-CL	854.0	71	0.9	956.1	
TF-CL	1024.2	44	0.9	618.2	
AY-SD	1056.4	260	0.8	3027.3	Z
CP-CL	1085.3	22	0.8	396.8	
LC-NM	1140.9	336	0.8	768.3	
HB-OK	1341.1	63	0.9	1628.7	
SE-MN	1422.2	259	0.6	3759.0	
SS-TX	1559.0	327	0.9	582.9	
CT-OK	1668.0	299	0.9	564.2	
MP-AR	1813.7	296	0.9	601.0	
AR-WS	1947.1	257	1.5	141.4	
CV-TN	2216.2	288	1.2	136.9	
MM-TN	2373.0	287	1.0	481.7	
1962 Sep 14					
37.04 N	116.02 W				
Magnitude (MB)= 4.40					
MN-NV	242.4	129	0.7	900.0	
KN-UT	283.6	271	0.7	680.0	
FM-UT	411.4	236	0.6	17.0	
TF-CL	411.4	56	0.8	200.0	
FS-AZ	478.2	299	0.7	100.0	
CP-CL	479.3	4	0.6	130.0	
WI-NV	493.7	166	0.7	260.0	
MV-CL	520.4	117	1.0	99.0	
DR-CO	731.7	266	0.7	71.0	
HL-ID	748.4	192	0.7	42.0	
PT-OR	980.8	166	1.0	22.0	
LC-NM	1005.2	301	1.6	37.0	
PM-WY	1030.8	243	1.2	24.0	
HK-WY	1128.7	244	1.4	58.0	
SS-TX	1489.0	302	1.7	18.0	
HB-OK	1553.5	277	1.5	38.0	
CT-OK	1907.1	279	1.7	17.0	
SJ-TX	1962.7	302	1.4	19.0	
SE-MN	1974.9	246	1.5	17.0	
MP-AR	2080.6	278	1.8	15.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1962 Sep 20 37.05 N 116.03 W Magnitude (MB)= 4.40					
MN-NV	241.3	129	0.6	800.0	
KN-UT	283.6	272	0.7	860.0	
FM-UT	412.6	236	0.6	280.0	
TF-CL	412.6	58	0.8	190.0	
FS-AZ	479.3	299	0.8	170.0	
CP-CL	480.4	3	0.7	86.0	
MV-CL	521.5	116	0.7	120.0	
DR-CO	732.8	269	0.7	42.0	Z
HL-ID	747.3	192	0.8	85.0	
PT-OR	979.7	165	0.7	15.0	
LC-NM	1006.4	304	1.7	63.0	
PM-WY	1030.8	247	1.5	37.0	
SS-TX	1490.1	305	1.5	18.0	
HB-OK	1554.6	283	1.4	41.0	
CT-OK	1908.2	285	1.5	19.0	
SE-MN	1973.8	253	1.5	11.0	
1962 Sep 29 37.12 N 116.03 W Magnitude (MB)= 4.00					
MN-NV	236.9	127	0.6	420.0	
KN-UT	285.8	273	0.6	430.0	
FM-UT	408.1	236	0.6	110.0	
TF-CL	415.9	57	0.7	58.0	
FS-AZ	482.6	299	0.7	65.0	
WI-NV	485.9	164	0.7	160.0	
CP-CL	488.2	3	0.6	32.0	
MV-CL	518.2	115	0.6	33.0	
DR-CO	732.8	269	0.8	110.0	
HL-ID	740.6	192	0.7	15.0	
PT-OR	973.0	164	1.0	7.0	
LC-NM	1008.6	303	1.2	60.0	
PM-WY	1027.5	247	1.1	8.0	
SS-TX	1493.4	305	1.2	3.0	
1962 Oct 05 37.14 N 116.05 W Magnitude (MB)= 5.06					
N2-NV	57.8	354	2.0	312000.0	Z
MN-NV	233.5	127	1.0	14600.0	
KN-UT	278.0	274	0.8	13700.0	
FM-UT	408.1	237	2.0	5850.0	Z
TF-CL	414.8	57	2.0	1810.0	
WI-NV	482.6	165	1.0	5510.0	
FS-AZ	484.8	300	0.8	823.0	
CP-CL	490.4	3	0.8	895.0	
MV-CL	517.1	115	0.9	1066.0	
TFO	536.0	308	2.5	2400.0	Z
DR-CO	733.9	270	0.8	605.0	
HL-ID	739.5	192	1.0	497.0	
BMO	862.9	173	1.5	500.0	Z
PT-OR	970.8	165	1.6	383.0	
LC-NM	1010.8	304	1.7	328.0	
PM-WY	1027.5	247	1.5	353.0	
HK-WY	1126.5	247	2.0	1000.0	
MU-WA	1392.2	158	2.3	106.0	
SS-TX	1495.6	305	2.2	248.0	
WN-SD	1507.9	249	1.7	386.0	
HB-OK	1555.7	283	2.0	640.0	
WMO	1595.7	285	2.0	112.0	
AY-SD	1601.3	249	1.8	930.0	
CU-OK	1713.6	280	2.0	520.0	
GV-TX	1798.1	291	1.7	353.0	
CT-OK	1910.4	285	1.6	122.0	
SJ-TX	1970.5	307	2.0	241.0	
SE-MN	1971.6	253	2.0	181.0	Z
MP-AR	2082.8	284	2.0	221.0	
LR-17	2099.5	170	2.2	115.0	
HT-MN	2120.6	254	2.0	238.0	
LR-16	2459.7	168	2.5	165.0	
AR-WS	2504.2	258	2.0	115.0	
CV-TN	2565.4	282	2.2	139.0	
MM-TN	2727.7	283	2.0	970.0	
OD-KY	2870.1	280	2.0	75.0	
BH-OH	3004.6	276	2.0	45.0	
GD-VA	3005.7	280	2.0	88.3	
WH-GA	3051.3	287	2.0	27.0	
BL-WV	3056.9	279	2.0	108.0	
WG-VA	3180.3	279	2.0	62.5	Z
BB-PA	3415.0	276	2.0	62.5	
TU-PA	3445.0	275	2.0	60.0	
DH-NY	3541.7	275	2.0	53.0	
1962 Oct 12 37.12 N 116.05 W Magnitude (MB)= 3.90					
MN-NV	234.6	127	0.5	330.0	
KN-UT	286.9	273	0.6	230.0	
FM-UT	409.2	236	0.6	170.0	
TF-CL	414.8	57	1.0	40.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
FS-AZ	484.8	299	0.7	42.0	
WI-NV	484.8	165	0.8	150.0	
CP-CL	489.3	2	0.7	18.0	
MV-CL	516.0	115	0.9	33.0	
DR-CO	733.9	269	0.7	11.0	
HL-ID	740.6	192	0.7	12.0	
PT-OR	973.0	164	1.0	6.0	
LC-NM	1010.8	303	0.9	2.0	
1962 Oct 27					
37.15 N 116.05 W					
Magnitude (MB)= 4.20					
MN-NV	233.5	127	0.4	580.0	
KN-UT	286.9	273	0.6	600.0	
FM-UT	408.1	236	0.6	260.0	
TF-CL	415.9	56	0.7	78.0	
WI-NV	481.5	165	0.5	440.0	
FS-AZ	485.9	299	0.7	61.0	
CP-CL	491.5	3	0.6	61.0	
MV-CL	514.9	115	0.6	39.0	Z
DR-CO	733.9	269	0.7	39.0	
HL-ID	737.3	192	0.6	29.0	
BMO	861.8	172	0.6	23.0	E
PT-OR	969.7	164	0.7	5.0	
LC-NM	1011.9	303	0.9	6.0	
PM-WY	1027.5	247	0.7	5.0	
SS-TX	1496.8	305	1.4	8.0	
SE-MN	1970.5	253	1.6	14.0	
1962 Nov 06					
45.80 N 122.50 W					
Magnitude (MB)= 4.80					
MV-CL	738.4	352	1.1	1016.3	
MN-NV	894.0	336	1.5	352.2	
FM-UT	1117.6	311	1.5	230.9	
TF-CL	1201.0	350	1.5	202.1	
FS-AZ	1521.2	322	1.5	195.2	
DR-CO	1533.4	307	3.0	69.7	
CP-CL	1543.5	340	4.5	264.5	
LC-NM	2018.3	317	3.5	77.9	
1962 Nov 30					
34.33 N 116.90 W					
Magnitude (ML)= 4.30					
MV-CL	668.3	144	0.9	1371.3	
FM-UT	685.0	218	0.8	962.3	
WI-NV	780.6	176	0.7	2361.5	R
DR-CO	892.9	247	0.7	2209.0	
LC-NM	981.9	283	0.8	507.1	
SS-TX	1453.4	290	1.1	57.2	
1962 Dec 05					
30.90 N 104.60 W					
Magnitude (MB)= 4.00					
FM-UT	658.3	143	0.6	9694.2	
HB-OK	726.1	228	0.5	13707.5	Z
FS-AZ	799.5	127	0.6	3290.9	
LC-NM	850.7	132	0.7	1723.8	
HL-ID	902.9	149	0.6	830.7	
SE-MN	961.9	210	0.5	8695.1	
WI-NV	1098.7	136	0.9	374.1	
MP-AR	1173.2	250	0.7	7170.1	
MN-NV	1180.9	124	1.1	102.0	
SJ-TX	1481.2	302	0.8	4398.1	
MM-TN	1740.3	254	0.6	5313.5	
1962 Dec 12					
37.17 N 116.21 W					
Magnitude (MB)= 4.50					
MN-NV	221.3	129	0.7	2490.0	
KN-UT	301.4	274	0.6	786.0	
TF-CL	404.8	56	1.0	412.0	
FM-UT	418.1	238	0.6	228.0	
CP-CL	492.6	2	0.6	79.1	
FS-AZ	499.3	299	0.8	112.0	
MV-CL	501.5	116	1.0	148.0	
HL-ID	738.4	194	1.0	89.3	
DR-CO	747.3	270	0.8	63.3	
PT-OR	964.1	166	1.0	19.7	
PM-WY	1037.5	248	1.0	16.5	
1963 Feb 08					
37.15 N 116.05 W					
Magnitude (MB)= 4.60					
GF-NV	133.4	130	0.4	3190.0	
MN-NV	233.5	127	0.6	754.0	
KN-UT	286.9	274	0.8	1060.0	
SZ-NV	305.8	138	0.6	1350.0	
ST-NV	336.9	138	0.6	780.0	
FM-UT	408.1	237	0.6	391.0	
TF-CL	414.8	57	1.0	241.0	
FS-AZ	484.8	300	0.8	117.0	
CP-CL	491.5	3	0.6	106.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
MV-CL	512.6	115	0.8	74.0	
DR-CO	733.9	270	0.8	65.6	
HL-ID	738.4	192	0.7	45.5	
BMO	860.7	173	1.2	34.4	E
UK-OR	915.2	164	0.6	14.2	
PT-OR	969.7	165	0.7	8.4	
LC-NM	1011.9	304	1.4	27.4	
PM-WY	1027.5	247	0.8	13.3	
YA-WA	1087.5	162	1.4	36.5	
SS-TX	1496.8	305	1.2	8.7	

1963 Feb 08
37.05 N 116.02 W
Magnitude (MB)= 4.39

GF-NV	142.3	132	0.6	4131.0	
MN-NV	242.4	128	0.7	1735.0	
KN-UT	284.7	271	0.9	982.0	
ST-NV	346.9	139	0.7	1567.0	
TF-CL	412.6	58	0.8	200.0	
FM-UT	412.6	235	0.8	202.0	
FS-AZ	478.2	298	0.7	132.0	
CP-CL	480.4	3	0.8	138.0	
WI-NV	493.7	165	0.5	409.0	
MV-CL	521.5	115	1.0	179.0	
DR-CO	731.7	269	0.8	72.6	
HL-ID	748.4	192	0.8	43.9	
UK-OR	926.3	163	0.8	15.9	
PT-OR	980.8	164	0.6	12.9	
LC-NM	1004.1	303	1.1	22.3	
PM-WY	1030.8	246	1.0	22.8	
YA-WA	1098.7	161	1.5	51.8	
SS-TX	1489.0	305	1.4	14.5	

1963 Feb 21
37.12 N 116.05 W
Magnitude (MB)= 4.10

GF-NV	134.6	131	0.7	1500.0	
MN-NV	235.7	128	0.6	500.0	
KN-UT	265.8	273	0.6	460.0	
ST-NV	340.3	138	0.5	450.0	
LO-NV	395.9	141	0.7	630.0	
FM-UT	409.2	236	0.5	130.0	
TF-CL	413.7	57	0.7	55.0	
FS-AZ	482.6	299	0.6	44.0	
WI-NV	484.8	165	0.6	200.0	
CP-CL	488.2	3	0.5	31.0	

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
MV-CL	516.0	115	0.9	44.0	
UBO	666.1	240	0.8	47.0	N
DR-CO	733.9	270	0.8	30.0	
HL-ID	740.6	192	0.6	20.0	
BMO	865.1	173	0.8	9.0	E
UK-OR	918.5	164	1.1	9.0	
PT-OR	973.0	165	0.7	4.0	
LC-NM	1009.7	304	1.5	12.0	
YA-WA	1089.8	162	1.1	7.0	

1963 Feb 25
42.60 N 109.20 W
Magnitude (MB)= 4.30

PM-WY	354.7	296	0.5	7451.6	R
HL-ID	371.4	86	0.8	1341.8	
FM-UT	452.6	34	0.6	6072.6	
DR-CO	582.7	348	0.8	1103.6	
WI-NV	698.3	79	0.7	944.4	
FS-AZ	856.2	12	0.7	2684.3	
MN-NV	887.4	59	0.8	146.1	
LC-NM	1155.4	349	0.7	117.4	
SE-MN	1192.1	261	0.7	1075.6	
HB-OK	1213.2	313	0.5	7251.2	
MP-AR	1652.4	303	0.9	315.0	

1963 Apr 26
32.60 N 115.70 W
Magnitude (ML)= 4.00

BF-CL	445.9	139	0.6	1761.1	
FS-AZ	490.4	231	0.5	1132.5	
MN-NV	685.0	162	0.8	85.2	
EY-NV	756.2	183	0.7	306.2	R

1963 May 09
40.55 N 124.10 W
Magnitude (ML)= 4.00

MV-CL	282.4	302	0.4	13913.2	
WI-NV	567.1	261	0.5	297.7	

1963 May 22
37.11 N 116.04 W
Magnitude (MB)= 4.90

BP-CL	236.9	96	0.8	3200.0	
MN-NV	236.9	127	0.8	2900.0	
KG-AZ	251.3	311	0.6	2150.0	
EY-NV	262.4	194	0.8	2800.0	
KM-CL	270.2	23	0.8	3900.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
AT-NV	278.0	160	0.8	1450.0	
ND-CL	282.4	351	0.8	4700.0	
KN-UT	285.8	272	0.7	3250.0	
BF-CL	300.2	56	0.6	550.0	
FM-UT	409.2	236	0.6	1150.0	
CP-CL	487.1	3	0.9	175.0	
MV-CL	516.0	115	0.8	170.0	
HL-ID	741.7	192	1.0	100.0	
SR-OR	877.4	171	0.8	130.0	
PT-OR	974.1	164	1.0	165.0	
LC-NM	1008.6	303	0.6	550.0	
PM-WY	1028.6	247	0.8	175.0	
SS-TX	1494.5	305	1.0	35.0	
WN-SD	1509.0	248	0.8	110.0	
SJ-TX	1968.2	306	1.0	55.0	
SE-MN	1971.6	253	2.0	55.0	
MP-AR	2080.6	284	1.6	34.0	
1963 Jun 05					
37.20 N 116.21 W					
Magnitude (MB)= 4.36					
MN-NV	219.1	128	0.7	1534.0	
BP-CL	221.3	94	0.8	545.0	
EY-NV	258.0	198	0.4	920.0	
AT-NV	264.7	163	0.4	562.0	
KG-AZ	269.1	310	0.4	580.0	
WW-UT	273.6	238	0.5	792.0	
KM-CL	273.6	19	0.6	195.0	
BF-CL	293.6	53	0.8	211.0	
ND-CL	294.7	348	0.8	259.0	Z
KN-UT	301.4	274	0.6	401.0	Z
FM-UT	415.9	238	0.6	136.0	
WI-NV	473.7	166	0.8	782.0	
CP-CL	496.0	1	0.6	41.6	
MV-CL	498.2	115	0.5	98.9	
TFO	551.6	307	1.2	48.8	E
UBO	673.9	241	1.0	282.0	N
HL-ID	735.0	193	0.6	23.6	
DR-CO	746.2	270	1.0	38.6	
BMO	855.1	173	1.0	16.2	E
PT-OR	960.8	165	0.8	7.9	
LC-NM	1027.5	303	1.2	11.4	
PM-WY	1036.4	248	1.0	11.4	
SS-TX	1511.2	305	1.0	2.8	
WMO	1611.3	284	1.0	3.1	N

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1963 Jul 08					
37.00 N 90.50 W					
Magnitude (MB)= 4.10					
WT-TN	523.8	281	0.5	3747.7	
1963 Jul 10					
39.90 N 111.40 W					
Magnitude (MB)= 4.20					
DR-CO	414.8	310	0.7	3347.6	
HL-ID	479.3	149	0.6	1323.9	
AT-NV	489.3	85	0.6	2610.1	
KG-AZ	521.5	26	0.6	1141.0	
PM-WY	531.5	254	0.6	3078.2	R
MN-NV	604.9	75	1.0	229.3	
FR-MA	798.4	211	0.6	2926.8	
1963 Sep 06					
44.30 N 114.70 W					
Magnitude (MB)= 4.10					
FR-MA	679.4	253	0.5	4912.6	
MN-NV	712.8	24	0.5	772.9	
GI-MA	876.3	249	0.4	6029.0	
1963 Sep 13					
37.06 N 116.02 W					
Magnitude (MB)= 5.80					
CU-NV	185.7	196	1.0	32200.0	
KN-UT	283.6	272	0.5	12400.0	
CP-CL	482.6	4	0.8	2050.0	
MV-CL	520.4	116	0.8	1560.0	
BX-UT	586.0	267	1.0	6000.0	
UBO	668.3	239	1.4	6750.0	E
DR-CO	731.7	269	0.7	960.0	
HL-ID	747.3	192	0.8	732.0	
TD-NM	879.6	276	1.1	796.0	
LC-NM	1005.2	304	1.3	732.0	
RT-NM	1038.6	276	1.4	1590.0	
AZ-TX	1277.7	282	1.2	582.0	
FR-MA	1282.1	222	1.8	995.0	
TK-WA	1336.6	166	2.6	1840.0	
SK-TX	1425.6	283	1.6	821.0	
GI-MA	1486.7	225	1.1	418.0	
RY-ND	1704.7	229	1.7	726.0	
GV-TX	1793.7	290	1.2	628.0	
DU-OK	1831.5	286	1.6	647.0	
HH-ND	1926.0	233	2.0	1080.0	
HE-TX	1993.8	298	2.0	2140.0	
CPO	2727.7	282	2.4	644.0	N
OR-FL	3376.0	295	0.5	117.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1963 Sep 30					
38.00 N 111.00 W					
Magnitude (ML)= 4.50					
MN-NV	628.3	94	0.5	8092.3	R
HL-ID	685.0	156	0.6	2306.1	
LC-NM	738.4	328	0.6	3090.7	
CP-CL	761.7	40	0.7	1144.3	
AZ-TX	858.5	290	0.6	13741.8	
FR-MA	975.2	203	0.6	9507.1	
GI-MA	1162.0	209	0.8	3580.2	
AP-OK	1179.8	288	0.7	2017.6	
HE-TX	1622.4	303	0.7	1138.6	Z
1963 Oct 16					
42.50 N 70.80 W					
Magnitude (MB)= 4.50					
LS-NH	213.5	156	1.0	4187.1	
DH-NY	338.0	86	0.6	21744.5	
BL-WV	1036.4	60	0.6	5591.3	
EU-AL	1848.1	54	1.0	529.6	
1963 Oct 16					
37.20 N 116.23 W					
Magnitude (MB)= 5.30					
CU-NV	177.9	203	0.5	8550.0	
MN-NV	218.0	129	0.7	10900.0	
KN-UT	303.6	275	1.2	5700.0	
CP-CL	494.8	1	0.9	416.0	
MV-CL	497.1	115	0.8	580.0	
BX-UT	602.7	268	1.0	1620.0	
UBO	675.0	241	1.6	1100.0	N
HL-ID	736.1	194	1.2	520.0	
DR-CO	749.5	270	1.2	69.0	
BMO	854.0	174	2.0	600.0	N
TD-NM	898.5	277	1.7	424.0	
LC-NM	1028.6	304	1.6	236.0	
RT-NM	1058.6	276	1.4	226.0	
FR-MA	1279.9	223	1.7	283.0	
TK-WA	1316.6	167	2.0	120.0	
SK-TX	1444.5	284	1.8	207.0	
WMO	1612.4	285	3.2	400.0	E
AP-OK	1623.5	284	2.0	128.0	
RY-ND	1705.8	230	1.8	207.0	
GV-TX	1814.8	291	1.5	231.0	
DU-OK	1842.6	287	1.1	67.0	
HH-ND	1927.1	234	2.2	292.0	
HE-TX	2016.1	298	2.0	422.0	
EU-AL	2625.4	289	2.8	235.0	
DH-NY	3554.0	275	3.2	128.0	
LS-NH	3778.6	274	2.5	88.0	
HN-ME	4074.4	274	2.5	50.0	
1963 Oct 29					
43.10 N 111.60 W					
Magnitude (MB)= 4.00					
HL-ID	223.5	85	0.5	6714.9	
WI-NV	512.6	68	0.5	1753.3	
FR-MA	528.2	231	0.5	4196.1	
BX-UT	641.6	343	0.6	830.2	
DR-CO	705.0	333	0.8	214.1	
MN-NV	757.3	47	0.8	113.0	
1963 Oct 29					
40.40 N 124.90 W					
Magnitude (ML)= 4.30					
MV-CL	335.8	293	0.5	10036.7	
MN-NV	620.5	291	0.9	610.0	
WI-NV	636.1	261	0.9	517.9	
CU-NV	834.0	283	1.0	102.2	
HL-ID	953.0	248	1.0	71.0	R
1963 Nov 05					
27.80 N 92.40 W					
Magnitude (MB)= 4.80					
EU-AL	702.8	220	0.7	1915.5	
SK-TX	1105.3	137	0.6	2118.7	
LC-NM	1458.9	110	0.9	155.5	
RT-NM	1497.9	132	1.0	142.7	
1963 Nov 23					
30.10 N 114.00 W					
Magnitude (ML)= 5.90					
LC-NM	749.5	250	1.0	1749.0	R
BX-UT	908.5	208	1.4	600.0	
MN-NV	945.2	157	1.7	166.7	
CU-NV	960.8	172	1.6	396.9	
DR-CO	998.6	215	1.0	762.7	
RT-NM	1158.7	231	1.4	312.5	
MV-CL	1211.0	147	2.0	197.9	
WI-NV	1286.6	167	1.0	382.0	
AZ-TX	1352.2	243	0.7	7940.7	
SK-TX	1392.2	247	1.4	583.1	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
AP-OK	1552.4	251	1.0	694.1	
HE-TX	1732.5	279	3.0	4735.4	
GV-TX	1735.8	259	1.5	1346.0	
FR-MA	1893.7	201	1.6	373.5	
GI-MA	2076.1	204	2.0	299.0	
LV-LA	2118.4	264	3.0	1317.9	
TK-WA	2129.5	167	2.5	86.3	
RY-ND	2265.1	208	1.7	247.5	
HH-ND	2462.0	211	2.2	285.6	
EU-AL	2494.2	263	2.5	166.7	

1963 Dec 22
44.40 N 114.60 W
Magnitude (MB)= 4.40

WI-NV	411.4	36	0.5	4596.1	
EK-NV	583.8	9	0.5	4208.0	
TK-WA	620.5	141	0.5	2536.1	
CU-NV	639.4	7	0.6	274.8	
FR-MA	668.3	254	0.5	2754.3	
MN-NV	726.1	25	0.5	876.7	
MV-CL	800.6	44	0.6	197.5	Z

1964 Jan 16
36.00 N 89.50 W
Magnitude (MB)= 4.50

BL-WV	733.9	255	0.5	9506.8	
BR-PA	993.0	246	0.5	3796.9	
SK-TX	998.6	84	0.6	2770.6	
AZ-TX	1128.7	87	0.6	5516.1	
RT-NM	1325.5	94	0.6	3458.2	
DH-NY	1392.2	242	0.7	698.2	
HH-ND	1542.3	152	0.5	2187.3	
DR-CO	1623.5	96	0.5	249.2	
FR-MA	1747.0	128	0.7	330.3	

1964 Jan 16
37.14 N 116.05 W
Magnitude (MB)= 5.20

CU-NV	177.9	197	0.8	13000.0	
MN-NV	233.5	127	0.7	12000.0	
KM-CL	273.6	23	0.7	3000.0	
KN-UT	286.9	273	0.7	8400.0	
WI-NV	482.6	165	0.8	4400.0	
CP-CL	490.4	3	0.8	620.0	
MV-CL	513.7	114	0.8	7200.0	
BX-UT	588.2	267	0.9	1900.0	
UBO	665.0	240	1.1	1000.0	E
DR-CO	733.9	269	0.8	670.0	
HL-ID	738.4	192	1.0	560.0	
BMO	862.9	172	1.7	720.0	E
LC-NM	1010.8	303	1.8	410.0	
RT-NM	1041.9	276	1.2	350.0	
FR-MA	1275.5	222	2.1	410.0	
AZ-TX	1281.0	282	1.0	310.0	
SK-TX	1428.9	283	1.9	360.0	
GI-MA	1481.2	225	1.7	250.0	
WMO	1595.7	284	1.9	210.0	N
RY-ND	1700.2	229	2.0	360.0	
GV-TX	1798.1	290	1.3	230.0	
DU-OK	1827.0	286	1.5	330.0	
HH-ND	1921.5	233	2.1	400.0	
HE-TX	1999.4	297	2.2	970.0	
LV-LA	2278.5	290	2.1	500.0	
EU-AL	2608.8	288	2.2	260.0	
CPO	2728.8	282	2.0	120.0	N
BL-WV	3056.9	279	2.0	89.0	
BR-PA	3235.9	276	1.9	73.0	

1964 Jan 28
43.20 N 111.40 W
Magnitude (MB)= 4.20

PI-WY	172.4	301	0.5	6844.3	R
HL-ID	235.7	102	0.5	4700.4	
FR-MA	508.2	231	0.6	1400.6	
BX-UT	648.3	345	0.5	2169.7	
DR-CO	707.2	334	0.8	171.7	

1964 Feb 18
34.80 N 85.50 W
Magnitude (MB)= 4.40

JE-LA	692.8	61	0.5	21631.5	
BR-PA	818.4	226	0.5	10718.4	
DH-NY	1239.9	228	0.6	5693.0	
SK-TX	1356.6	91	0.6	6245.3	
AZ-TX	1497.9	93	0.5	9966.3	
LS-NH	1565.7	229	0.6	3272.2	
RT-NM	1715.8	97	0.8	750.9	
DR-CO	2022.7	99	1.0	49.7	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1964 Feb 20					
37.15 N 116.04 W					
Magnitude (MB)= 4.95					
CU-NV	176.8	197	0.6	8374.0	
EK-NV	230.2	187	0.7	10700.0	
MN-NV	234.6	126	0.8	6510.0	
KM-CL	274.7	23	0.8	4490.0	
KN-UT	285.8	273	0.6	6585.0	
CP-CL	491.5	3	0.8	390.0	
TFO	536.0	307	1.2	477.0	N
BX-UT	587.1	267	0.6	1449.0	
UBO	663.9	240	1.2	438.0	E
DR-CO	731.7	269	0.8	415.0	
HL-ID	737.3	192	0.5	309.0	
PI-WY	809.5	225	1.0	716.0	
BMO	861.8	172	1.0	256.0	E
LC-NM	1010.8	304	1.0	147.0	
RT-NM	1040.8	276	1.3	300.0	
FR-MA	1275.5	222	1.0	99.0	
AZ-TX	1281.0	282	1.2	229.0	
TK-WA	1325.5	166	1.3	52.6	
SK-TX	1428.9	283	1.4	189.0	
GI-MA	1480.1	225	1.0	84.1	
WMO	1595.7	284	1.5	154.0	N
DU-OK	1825.9	286	1.2	156.0	
HH-ND	1957.1	233	1.6	188.0	
EU-AL	2607.6	288	2.0	178.0	
CPO	2728.8	282	1.7	78.0	N
BR-PA	3234.8	276	2.0	93.2	
1964 Feb 21					
31.40 N 114.11 W					
Magnitude (MB)= 4.70					
CP-CL	259.1	125	0.8	3155.5	
KM-CL	484.8	142	1.0	693.2	
LC-NM	718.4	262	0.8	634.0	
BX-UT	807.3	213	1.1	663.5	
CU-NV	816.2	172	1.3	270.8	
DR-CO	888.5	222	1.5	206.2	
RT-NM	1076.4	237	1.5	125.1	
PI-WY	1291.0	198	1.5	237.7	R
SK-TX	1343.3	252	1.1	172.0	
HL-ID	1360.0	180	2.0	30.5	
FR-MA	1761.4	202	2.0	63.6	

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1964 Feb 25					
26.50 N 111.40 W					
Magnitude (MB)= 4.80					
LC-NM	802.9	216	0.9	817.2	
CP-CL	840.7	146	1.4	409.8	
DR-CO	1262.1	196	1.1	57.3	
MN-NV	1466.7	154	1.7	45.8	
1964 Mar 28					
42.90 N 101.60 W					
Magnitude (MB)= 5.10					
GV-TX	1183.2	340	0.8	7029.0	Z
JE-LA	1495.6	326	1.0	2546.8	
EU-AL	1645.8	313	1.0	2773.2	
BL-WV	1810.3	288	0.9	1397.5	
BR-PA	1926.0	280	0.9	1171.0	
DH-NY	2186.2	272	0.9	1529.7	
LS-NH	2463.1	266	1.0	969.5	
1964 Apr 24					
37.15 N 116.06 W					
Magnitude (MB)= 4.95					
EK-NV	230.2	187	0.8	11500.0	
MN-NV	233.5	127	0.7	6370.0	
KN-UT	286.9	273	0.5	5256.0	
JR-AZ	448.1	306	0.6	819.0	
LG-AZ	508.2	308	1.0	1318.0	
TFO	537.1	307	1.5	873.0	N
SN-AZ	538.2	313	0.8	657.0	
WO-AZ	550.4	298	0.6	933.0	
NL-AZ	597.1	285	0.8	1520.0	
GE-AZ	626.1	308	1.0	218.0	
HL2ID	726.1	191	0.6	311.0	
DR-CO	732.8	269	0.8	289.0	
PI-WY	810.6	225	1.0	633.0	Z
LC-NM	1013.0	303	1.1	97.7	
RT-NM	1041.9	276	1.2	200.0	
FR-MA	1276.6	222	1.0	81.4	
TK-WA	1325.5	166	1.4	80.5	
GI-MA	1481.2	225	1.0	64.0	
JU-TX	1591.3	303	1.2	84.5	
WMO	1596.8	284	2.0	183.0	N
RY-ND	1700.2	229	1.6	139.0	
HH-ND	1921.5	233	1.6	167.0	
JE-LA	2280.7	291	1.6	172.0	
CPO	2730.0	282	1.1	23.0	N
BL-WV	3056.9	279	1.6	43.3	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1964 Apr 28					
31.20 N 93.90 W					
Magnitude (MB)= 4.40					
RT-NM	1144.2	122	0.7	2354.8	
BL-WV	1366.6	238	0.7	1053.7	
DR-CO	1452.3	118	1.1	145.0	
FR-MA	1977.1	146	1.0	257.7	
GI-MA	1982.7	154	1.0	528.2	
HH-ND	2012.7	169	0.9	691.1	
DH-NY	2087.2	234	0.6	613.1	
1964 May 23					
39.37 N 106.17 W					
Magnitude (MB)= 4.40					
DR-CO	254.6	33	0.5	170.0	R
RT-NM	333.6	332	1.0	152.0	
FR-MA	749.5	178	0.6	97.2	R
SG-AZ	751.7	54	0.9	20.1	R
LC-NM	774.0	2	0.6	3.1	
SN-AZ	786.2	37	0.8	10.9	R
EK-NV	822.9	85	0.7	3.7	R
HL2ID	831.8	121	0.7	4.6	R
WMO	848.5	309	1.0	37.6	N
GI-MA	884.0	191	0.6	49.2	
MN-NV	1044.2	80	0.8	1.6	R
JU-TX	1127.6	337	0.7	3.0	
1964 Jun 26					
48.20 N 115.10 W					
Magnitude (MB)= 4.70					
FR-MA	697.2	291	0.5	9702.4	
GI-MA	824.0	278	0.5	11428.4	
EK-NV	1000.8	2	0.9	147.5	
HH-ND	1212.1	266	0.5	12119.0	
1964 Sep 17					
38.82 N 72.24 W					
Magnitude (MB)= 4.45					
BL-WV	800.6	79	0.7	355.0	
HN-ME	887.4	204	0.6	184.0	R
EU-AL	1561.2	60	1.0	99.4	R
VO-IO	1723.6	96	0.7	73.0	
WF-MN	1770.3	101	0.7	85.1	R
JE-LA	1954.9	61	1.0	83.7	R
WMO	2387.5	71	1.4	38.2	N
WN-SD	2390.8	92	0.7	87.1	
RT-NM	2825.6	75	1.1	28.4	R
DR-CO	3101.4	76	1.0	4.0	
1964 Oct 02					
37.08 N 116.01 W					
Magnitude (MB)= 4.89					
EK-NV	238.0	186	0.6	438.0	
MN-NV	241.3	128	0.7	4483.0	
KN-UT	282.4	272	0.5	4886.0	
SG-AZ	293.6	304	0.8	3042.0	
JR-AZ	440.4	306	0.8	1718.0	
LG-AZ	500.4	308	0.9	538.0	
SN-AZ	530.4	314	0.7	289.0	
HR-AZ	543.8	301	0.8	774.0	
NL-AZ	590.5	285	0.7	906.0	
GE-AZ	618.3	308	0.8	199.0	
UBO	666.1	239	1.1	396.0	N
DR-CO	730.6	269	0.8	187.0	
HL2ID	732.8	191	0.8	262.0	
BMO	869.6	172	0.7	136.0	E
LC-NM	1005.2	304	1.2	66.1	
RT-NM	1037.5	276	0.9	56.5	
FO-TX	1405.6	303	1.6	103.0	
TS-ND	1507.9	227	0.8	20.6	
WMO	1592.4	284	1.5	66.7	N
VO-IO	2120.6	262	1.6	35.5	
WF-MN	2130.6	258	0.8	19.4	
CPO	2726.6	282	1.8	47.6	N
1964 Oct 09					
37.15 N 116.08 W					
Magnitude (MB)= 4.78					
EK-NV	230.2	188	0.4	5607.0	
MN-NV	231.3	127	0.6	4617.0	
KN-UT	289.1	273	0.6	2654.0	
SG-AZ	303.6	304	0.6	2188.0	
JR-AZ	450.4	306	0.6	1022.0	
LG-AZ	510.4	307	1.2	966.0	
TFO	539.3	307	1.2	247.0	N
SN-AZ	539.3	313	0.6	309.0	
WO-AZ	552.7	298	0.6	508.0	
HR-AZ	552.7	301	0.6	375.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
NL-AZ	599.4	285	0.8	849.0	
UBO	666.1	240	1.0	275.0	E
HL2ID	726.1	191	0.6	157.0	
DR-CO	735.0	269	0.7	181.0	
BMO	861.8	172	0.8	96.1	E
LC-NM	1014.1	303	1.4	107.0	
RT-NM	1044.2	276	1.4	96.4	
FO-TX	1414.5	302	1.0	37.7	
TS-ND	1505.6	227	0.8	24.4	
WMO	1599.1	284	1.4	37.5	N
CPO	2732.2	282	1.5	29.6	N

1964 Oct 21
44.80 N 111.60 W
Magnitude (MB)= 5.80

SG-AZ	1027.5	9	1.0	695.9	
RT-NM	1084.2	321	1.1	705.1	
WO-AZ	1105.3	356	1.4	677.6	
JR-AZ	1108.7	2	1.0	1274.3	
HR-AZ	1127.6	357	0.9	741.6	Z
LG-AZ	1154.3	0	1.3	647.3	
SN-AZ	1214.3	1	2.0	300.3	
GE-AZ	1227.6	356	1.5	282.1	
LC-NM	1443.4	342	1.5	108.3	
WF-MN	1535.7	275	1.1	1256.0	
VO-IO	1596.8	281	1.0	2905.3	
FO-TX	1811.4	335	1.6	150.7	
GV-TX	1827.0	317	1.7	505.1	
EU-AL	2442.0	303	2.0	397.7	

1964 Oct 22
31.14 N 89.57 W
Magnitude (MB)= 4.58

EU-AL	242.4	221	0.4	4990.0	R
JE-LA	243.5	106	0.4	7530.0	R
CPO	618.3	218	0.5	356.0	E
GV-TX	727.2	103	0.5	186.0	R
BL-WV	1057.5	228	0.5	212.0	
VO-IO	1251.0	168	0.9	140.0	R
FO-TX	1253.2	85	0.5	44.9	
BR-PA	1374.4	228	0.8	114.0	
WF-MN	1426.7	169	1.0	165.0	R
RT-NM	1499.0	110	1.0	30.0	
DH-NY	1794.8	231	0.9	73.8	
DR-CO	1814.8	107	1.0	6.2	R
GP-MN	1864.8	168	0.6	26.2	R
LS-NH	2121.7	232	1.0	49.7	
RY-ND	2137.3	147	1.0	74.7	R
TS-ND	2145.0	140	1.0	74.5	R
HN-ME	2497.6	235	0.8	18.2	R

1964 Nov 04
39.60 N 110.30 W
Magnitude (MB)= 4.00

DR-CO	323.6	317	0.5	2371.9	
HR-AZ	549.3	4	0.5	2063.5	
LG-AZ	587.1	11	0.5	2481.5	
GE-AZ	647.2	1	0.7	568.7	
SN-AZ	648.3	11	0.6	448.7	Z

1964 Nov 25
37.40 N 81.50 W
Magnitude (MB)= 4.50

BR-PA	363.6	220	0.5	30419.1	
HD-PA	522.6	221	0.6	37902.0	
DH-NY	780.6	227	0.6	6064.3	

1964 Dec 22
31.80 N 117.12 W
Magnitude (MB)= 6.30

RT-NM	1294.4	246	1.0	891.1	
FO-TX	1388.9	278	1.0	709.0	
HY-MA	1794.8	209	0.9	483.3	
VO-IO	2494.2	243	2.0	353.6	

1965 Feb 18
36.82 N 115.95 W
Magnitude (MB)= 4.54

MN-NV	264.7	132	1.2	1643.0	
KN-UT	279.1	266	1.5	3230.0	
JR-AZ	420.3	302	1.0	778.0	
LG-AZ	480.4	305	1.4	733.0	
SN-AZ	507.1	311	1.0	224.0	
TFO	509.3	304	1.2	209.0	N
HR-AZ	526.0	298	1.0	294.0	
WO-AZ	527.1	295	0.9	258.0	
NL2AZ	578.2	283	1.3	643.0	
GE-AZ	597.1	305	1.1	263.0	
UBO	678.3	237	1.4	140.0	N

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
HL2ID	760.6	190	0.8	87.1	
BMO	899.6	172	1.4	67.0	E
LC-NM	987.5	302	1.3	46.7	
RT-NM	1034.2	274	1.4	88.9	Z
FO-TX	1388.9	301	1.4	31.9	
WMO	1584.6	283	1.6	33.0	N
1965 Feb 27					
28.70 N 112.00 W					
Magnitude (MB)= 4.60					
GE-AZ	579.4	194	0.5	5080.4	Z
LG-AZ	633.8	183	0.5	4860.8	
LC-NM	660.5	231	0.7	1653.1	
HR-AZ	671.6	190	0.7	1626.6	
JR-AZ	679.4	181	0.6	2752.1	Z
WO-AZ	697.2	191	0.5	3572.8	
RT-NM	1142.0	219	0.9	631.7	
1965 Mar 03					
37.06 N 116.04 W					
Magnitude (MB)= 5.33					
MN-NV	240.2	128	0.8	11600.0	
KN-UT	285.8	271	0.8	8660.0	
SG-AZ	294.7	303	0.6	6800.0	
JR-AZ	441.5	305	0.7	3400.0	
LG-AZ	501.5	307	0.8	1080.0	
SN-AZ	530.4	313	0.9	1580.0	
HR-AZ	544.9	307	0.8	1380.0	
WO-AZ	544.9	297	0.9	1970.0	
GE-AZ	619.4	307	0.8	835.0	
UBO	668.3	239	1.0	1060.0	Z
HL2ID	735.0	191	0.9	633.0	
PI2WY	840.7	223	1.0	400.0	
BMO	871.8	172	1.1	403.0	E
LC-NM	1006.4	303	1.4	221.0	
RT-NM	1040.8	275	0.8	180.0	
HY-MA	1238.8	220	1.7	117.0	
FO-TX	1407.8	302	1.0	85.0	
WMO	1594.6	284	1.3	65.0	N
RY-ND	1705.8	229	1.2	96.6	
VO-IO	2123.9	262	1.2	38.8	
1965 Mar 26					
37.15 N 116.01 W					
Magnitude (MB)= 5.25					
MN-NV	233.5	127	0.7	13600.0	
KN-UT	285.8	274	0.8	14100.0	
SG-AZ	300.2	305	0.8	5343.0	
JR-AZ	447.0	306	1.0	3750.0	
LG-AZ	508.2	308	1.0	1540.0	
TFO	536.0	308	1.5	1179.0	E
SN-AZ	537.1	314	1.2	1438.0	
WO-AZ	550.4	299	0.7	862.0	
HR-AZ	550.4	302	0.9	1045.0	
NL2AZ	593.8	286	0.8	1737.0	
GE-AZ	624.9	308	0.9	488.0	
UBO	663.9	240	0.7	1066.0	E
HL2ID	726.1	191	1.0	532.0	
PI2WY	834.0	224	1.5	603.0	
BMO	861.8	172	1.5	717.0	E
LC-NM	1010.8	304	1.4	321.0	
HY-MA	1232.1	220	0.8	83.0	
AN-MA	1346.6	221	1.5	333.0	
FO-TX	1412.2	303	1.8	270.0	
TS-ND	1503.4	227	1.1	119.0	
WMO	1595.7	285	1.8	278.0	N
GV-TX	1798.1	291	1.0	57.3	
CPO	2728.8	283	1.8	107.0	N
BR-PA	3234.8	277	2.0	123.0	
1965 Apr 14					
37.28 N 116.52 W					
Magnitude (MB)= 4.32					
MN-NV	192.4	131	0.5	1222.0	
KN-UT	329.2	276	0.6	510.0	
SG-AZ	344.7	302	0.6	480.0	
JR-AZ	491.5	305	1.0	397.0	
LG-AZ	551.6	306	1.2	238.0	
SN-AZ	579.4	312	1.2	196.0	
TFO	579.4	306	0.9	57.3	N
WO-AZ	594.9	298	0.8	101.0	
NL2AZ	638.3	286	0.8	150.0	
GE-AZ	668.3	307	1.2	62.5	
UBO	691.7	243	1.2	133.0	N
HL2ID	720.6	195	0.6	31.0	
BMO	842.9	175	1.2	36.8	E
PI2WY	850.7	226	1.0	23.0	
LC-NM	1056.4	303	1.2	17.5	
1965 Jun 16					
36.82 N 115.96 W					
Magnitude (MB)= 4.48					
MN-NV	263.5	132	0.8	1150.0	
LG-AZ	480.4	305	1.2	755.0	
SN-AZ	507.1	311	1.0	358.0	
HR-AZ	526.0	298	0.8	216.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
NL2AZ	579.4	283	0.6	635.0	
GE-AZ	598.3	305	0.8	103.0	
UBO	679.4	237	0.8	180.0	N
HL2ID	760.6	190	1.2	143.0	
LC-NM	987.5	302	1.2	32.1	
WMO	1585.7	283	1.6	64.4	N
1965 Jul 15					
37.30 N 74.40 W					
Magnitude (MB)= 5.10					
FN-WV	470.4	87	0.6	25169.2	
BR-PA	484.8	67	0.9	8633.6	
DH-NY	550.4	171	0.7	2054.6	R
BL-WV	612.7	95	0.8	15441.5	
AP-OK	2177.3	83	1.5	133.5	Z
1965 Jul 15					
37.20 N 74.35 W					
Magnitude (MB)= 4.63					
FN-WV	478.2	106	0.8	645.0	
BR-PA	494.8	126	0.7	2020.0	
DH-NY	562.7	175	0.7	1633.0	R
BL-WV	619.4	94	0.7	2045.0	
HN-ME	1127.6	210	0.8	90.6	
GV-TX	2116.1	70	0.8	251.0	
AN-MA	2822.3	100	1.2	82.8	
HY-MA	2875.6	98	1.5	35.5	R
LC-NM	2983.5	70	1.7	79.1	R
NL2AZ	3147.0	76	1.4	70.1	
HR-AZ	3278.2	74	1.5	62.0	
GE-AZ	3284.8	72	1.9	34.5	R
TFO	3334.9	73	1.6	18.4	N
SN-AZ	3384.9	72	1.8	33.1	R
KN-UT	3397.2	77	1.8	95.6	
HL2ID	3441.6	88	1.6	11.5	
SG-AZ	3469.4	75	1.6	9.5	
MN-NV	3823.1	78	1.9	10.5	R
1965 Jul 23					
37.10 N 116.03 W					
Magnitude (MB)= 5.22					
MN-NV	238.0	127	0.8	9041.0	
KN-UT	285.8	272	0.8	13300.0	
SG-AZ	296.9	303	0.7	6557.0	
TFO	532.6	307	1.1	1825.0	N
SN-AZ	532.6	313	0.8	1208.0	
HR-AZ	546.0	301	1.0	2348.0	
NL2AZ	591.6	288	0.7	1919.0	
GE-AZ	620.5	308	1.0	710.0	
UBO	666.1	239	1.3	1748.0	N
HL2ID	730.6	191	0.8	469.0	
BMO	867.4	172	1.1	395.0	E
LC-NM	1007.5	303	1.3	438.0	
WMO	1594.6	284	1.7	198.0	N
GV-TX	1795.9	290	1.4	333.0	
CG-VA	2909.0	281	1.6	71.5	
BL-WV	3056.9	279	2.0	138.0	
FN-WV	3199.2	278	2.0	72.0	
BR-PA	3235.9	276	2.0	102.0	
DH-NY	3542.8	274	2.0	16.7	
HN-ME	4064.4	273	2.0	33.7	
1965 Aug 15					
37.50 N 89.30 W					
Magnitude (MB)= 5.10					
FN-WV	866.2	262	0.5	2752.3	
GV-TX	867.4	55	0.5	2807.6	
DH-NY	1338.8	247	0.9	160.8	
1965 Sep 10					
37.08 N 116.02 W					
Magnitude (MB)= 5.16					
MN-NV	241.3	128	0.8	4784.0	
KN-UT	283.6	272	0.6	6040.0	
LG-AZ	501.5	307	0.9	891.0	
TFO	529.3	307	1.2	479.0	E
SN-AZ	530.4	313	1.2	1225.0	
GE-AZ	618.3	307	1.0	533.0	
UBO	666.1	239	1.3	698.0	E
BMO	869.6	172	1.0	179.0	E
WMO	1592.4	284	1.4	62.5	N
CPO	2727.7	282	0.8	4.6	E
HN-ME	4064.4	273	0.8	8.3	
1965 Sep 16					
37.19 N 74.44 W					
Magnitude (MB)= 4.73					
FN-WV	470.4	107	0.6	1261.0	
DH-NY	562.7	176	1.0	531.0	
HN-ME	1132.0	210	1.0	227.0	R
GV-TX	2107.2	70	0.8	68.1	R
HR-AZ	3270.4	74	1.2	24.6	R

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
GE-AZ	3277.1	73	1.2	7.5	R
TFO	3326.0	73	1.5	13.7	N
LG-AZ	3347.1	73	1.1	17.6	R
JR-AZ	3373.8	74	1.3	45.6	R
SN-AZ	3377.1	72	1.3	12.5	R
SG-AZ	3461.7	75	1.4	23.0	R
BMO	3660.7	88	1.4	5.2	N
MN-NV	3815.3	92	0.7	2.2	

1965 Dec 03
37.16 N 116.05 W
Magnitude (MB)= 5.62

MN-NV	232.4	127	0.5	20200.0	
UBO	663.9	240	1.2	2880.0	N
BMO	860.7	172	1.9	2850.0	E
HV-MA	1350.0	204	2.0	807.0	R
SW-MA	1353.3	196	2.4	1190.0	R
RG-SD	1376.7	234	1.9	2070.0	R
WN-SD	1506.8	196	2.1	1130.0	R
WMO	1596.8	285	1.9	715.0	N
CR-NB	1706.9	263	1.2	693.0	R
GV-TX	1799.2	291	1.5	627.0	R
KC-MO	1882.6	269	1.8	361.0	R
EN-MO	2259.6	278	1.6	520.0	R
RS-KY	2756.6	279	2.5	507.0	
AX-AL	2757.8	288	2.0	149.0	
LA-GA	2758.9	284	2.4	281.0	
ED-MI	2760.0	266	2.0	365.0	
HN-ME	4062.1	273	2.4	104.0	

1965 Dec 16
37.07 N 116.03 W
Magnitude (MB)= 5.14

MN-NV	240.2	128	0.8	10900.0	
KN-UT	284.7	272	0.7	9652.0	
UBO	667.2	239	1.8	1736.0	N
BMO	870.7	172	1.5	458.0	E
HV-MA	1358.9	204	1.5	140.0	
SW-MA	1362.2	195	1.2	93.5	
RG-SD	1382.2	233	1.2	176.0	
WN-SD	1510.1	248	1.0	119.0	
WMO	1593.5	284	1.3	131.0	N
AP-OK	1604.6	284	1.4	161.0	
CR-NB	1708.0	262	0.6	102.0	
GV-TX	1795.9	290	1.1	153.0	
KC-MO	1883.7	269	1.0	69.3	
CPO	2728.8	282	1.8	55.6	N

1966 Feb 23
37.13 N 116.05 W
Magnitude (MB)= 3.90

N2-NV	55.6	0	0.7	8350.0	
DV-CL	143.4	1	0.5	3100.0	
MN-NV	234.6	126	0.7	1500.0	
AT-NV	275.8	162	0.7	2250.0	
KN-UT	286.9	274	0.6	1670.0	
BF-CL	300.2	57	0.6	1310.0	
TN-CL	325.8	359	0.7	530.0	
WM-AZ	393.6	300	0.7	530.0	
FM-UT	409.2	236	0.6	700.0	
FS-AZ	483.7	301	0.7	180.0	
WI-NV	484.8	166	0.7	410.0	
CP-CL	489.3	4	0.5	128.0	
MV-CL	516.0	116	0.6	97.0	
SF-AZ	582.7	302	0.7	120.0	
VN-UT	675.0	236	0.7	100.0	
VT-OR	698.3	163	0.7	520.0	
SV-AZ	705.0	298	0.6	117.0	
DR-CO	733.9	267	0.6	52.0	
HL-ID	739.5	192	0.6	79.0	
TC-NM	896.3	299	0.6	143.0	
PT-OR	971.9	166	0.6	17.0	
LC-NM	1010.8	302	1.3	48.0	
PM-WY	1027.5	254	0.7	30.0	
EP-TX	1089.8	303	1.0	17.0	
EF-TX	1202.1	304	1.2	22.0	
SS-TX	1495.6	303	0.7	7.4	
MP-AR	2082.8	278	1.6	25.0	

1966 Feb 24
37.27 N 116.43 W
Magnitude (MB)= 4.80

KN-UT	321.4	276	0.7	1975.0	
UBO	686.1	243	1.6	628.0	N
BMO	845.1	175	2.0	434.0	E
SW-MA	1350.0	197	1.3	85.1	R
RG-SD	1393.3	235	1.2	121.0	R
WN-SD	1530.1	250	1.0	59.7	
WMO	1631.3	285	1.5	66.7	N
CR-NB	1734.7	264	0.7	70.7	R
KC-MO	1912.6	270	1.3	39.6	R
EN-MO	2291.8	279	1.2	33.6	
CPO	2762.2	283	1.6	41.2	N

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1966 Mar 05					
37.17 N 116.21 W					
Magnitude (MB)= 4.11					
MN-NV	221.3	128	0.6	527.0	
KM-CL	271.3	20	0.6	134.0	
KN-UT	301.4	274	0.5	171.0	
FM-UT	418.1	238	0.4	132.0	
CP-CL	493.7	1	0.6	21.9	
FS-AZ	499.3	299	0.8	50.2	
MV-CL	499.3	115	0.6	23.5	
TFO	550.4	307	1.2	23.5	N
UBO	675.0	240	1.1	27.7	N
1966 Mar 09					
27.70 N 114.90 W					
Magnitude (MB)= 5.50					
MN-NV	1245.4	165	1.0	84.0	
1966 Apr 03					
39.36 N 106.46 W					
Magnitude (MB)= 4.51					
KN-UT	614.9	63	1.0	83.3	
WN-SD	679.4	232	0.5	262.0	R
RG-SD	693.9	201	0.6	101.0	
TFO	708.3	35	0.4	18.7	E
CR-NB	832.9	263	0.7	538.0	R
KC-MO	1016.4	273	0.8	65.3	
CPO	1890.4	289	0.7	12.7	N
AX2AL	1967.1	297	0.8	5.6	
1966 Apr 06					
37.14 N 116.14 W					
Magnitude (MB)= 4.45					
TFO	542.7	307	1.2	194.0	N
BMO	861.8	173	1.7	140.0	E
SW-MA	1357.8	196	1.0	24.9	R
RG-SD	1384.4	234	1.2	89.2	R
WN-SD	1514.5	249	1.3	88.8	R
WMO	1604.6	284	1.2	25.5	N
CR-NB	1714.7	263	1.1	82.7	R
KC-MO	1891.5	269	1.0	20.0	R
1966 Apr 14					
37.24 N 116.43 W					
Magnitude (MB)= 5.21					
KN-UT	321.4	275	0.5	4417.0	
TFO	570.5	306	1.6	1042.0	N
UBO	687.2	242	1.1	853.0	N
SW-MA	1352.2	197	1.6	197.0	R
RG-SD	1395.6	235	1.1	246.0	
WN-SD	1531.2	249	1.3	177.0	R
WMO	1631.3	285	2.0	176.0	N
CR-NB	1735.8	263	1.0	196.0	
KC-MO	1913.8	269	1.7	108.0	
CPO	2762.2	283	1.9	87.9	N
AX2AL	2797.8	288	2.0	46.6	
1966 Apr 25					
36.89 N 115.94 W					
Magnitude (MB)= 4.51					
KN-UT	278.0	267	0.6	1839.0	
TFO	512.6	305	1.3	330.0	N
BMO	891.8	172	1.6	155.0	E
SW-MA	1381.1	195	1.7	47.5	R
RG-SD	1392.2	232	1.6	94.2	R
WN-SD	1514.5	247	1.0	30.8	
WMO	1584.6	283	1.5	45.8	N
1966 May 06					
37.35 N 116.32 W					
Magnitude (MB)= 5.30					
MN-NV	201.3	126	0.6	18300.0	
KN-UT	312.5	277	0.5	4397.0	
TFO	569.3	308	1.2	1689.0	N
UBO	672.8	242	1.1	732.0	N
SW-MA	1338.8	196	1.4	206.0	R
RG-SD	1380.0	235	1.4	337.0	R
WN-SD	1516.8	249	1.0	121.0	R
WMO	1622.4	285	2.0	388.0	N
CR-NB	1722.5	263	1.0	162.0	R
KC-MO	1901.5	270	1.0	49.8	R
CPO	2751.1	283	1.8	57.0	N
AX2AL	2787.8	289	1.4	24.7	
1966 May 19					
37.11 N 116.06 W					
Magnitude (MB)= 5.48					
MN-NV	235.7	128	1.0	48100.0	
TFO	534.9	307	1.3	2049.0	N
UBO	667.2	239	1.5	4673.0	N
SW-MA	1358.9	195	1.4	485.0	
RG-SD	1381.1	233	2.0	2987.0	
WN-SD	1510.1	248	2.0	1352.0	
WMO	1596.8	284	1.7	619.0	N

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
CR-NB	1709.1	262	1.0	727.0	
KC-MO	1884.8	269	1.1	159.0	
AX2AL	2764.4	288	2.4	314.0	
BE-FL	3284.8	295	2.0	127.0	R
HN-ME	4065.5	273	2.0	106.0	

1966 Jun 02
37.23 N 116.06 W
Magnitude (MB)= 5.55

MN-NV	228.0	125	0.7	11800.0	
TFO	542.7	308	1.2	1216.0	N
SW-MA	1346.6	195	1.0	156.0	
RG-SD	1372.2	234	1.0	343.0	
WN-SD	1503.4	248	0.8	187.0	
WMO	1597.9	285	1.3	208.0	N
CR-NB	1704.7	263	1.0	280.0	
KC-MO	1881.5	269	1.3	125.0	
CPO	2728.8	282	3.0	247.0	N
AX2AL	2764.4	288	2.3	108.0	
HN-ME	4058.8	273	2.2	62.3	

1966 Jun 03
37.07 N 116.03 W
Magnitude (MB)= 5.56

MN-NV	240.2	128	1.0	19000.0	
KN-UT	285.8	272	1.0	19000.0	
TFO	530.4	306	1.1	1397.0	N
UBO	668.3	239	1.2	2744.0	N
SW-MA	1363.3	195	1.2	238.0	
RG-SD	1383.3	233	1.2	601.0	
WN-SD	1511.2	248	1.3	491.0	
WMO	1594.6	284	1.6	423.0	N
CR-NB	1709.1	262	1.2	683.0	
KC-MO	1883.7	269	1.3	194.0	
CPO	2728.8	282	2.3	223.0	N
AX2AL	2762.2	288	1.8	90.0	
HN-ME	4066.6	273	2.0	55.9	

1966 Jun 30
37.32 N 116.13 W
Magnitude (MB)= 6.03

MN-NV	204.6	126	0.7	51500.0	
KN-UT	310.2	277	0.9	24200.0	
TFO	564.9	307	1.1	2286.0	N
UBO	672.8	242	1.3	6013.0	N
BMO	840.7	173	1.6	2166.0	N
SW-MA	1342.2	196	1.3	647.0	
RG-SD	1381.1	235	1.4	515.0	
WN-SD	1516.8	249	1.2	670.0	
WMO	1620.2	285	2.1	173.0	N
CR-NB	1721.4	263	1.2	1363.0	
KC-MO	1900.4	270	1.8	813.0	
AX2AL	2786.7	288	2.2	261.0	
BE-FL	3308.2	295	1.8	142.0	
HN-ME	4073.3	273	2.8	244.0	

1966 Jul 23
47.50 N 88.90 W
Magnitude (MB)= 4.20

KC-MO	1018.6	27	0.6	3369.1	
RG-SD	1153.1	78	0.5	7918.2	
AX2AL	1644.6	352	0.6	783.6	
SW-MA	1715.8	96	0.6	837.6	

1966 Dec 20
37.30 N 116.41 W
Magnitude (MB)= 6.26

MN-NV	197.9	128	1.0	100600.0	
KN-UT	319.1	276	1.2	125900.0	
TFO	572.7	307	1.8	10600.0	N
MO-ID	640.5	181	1.3	33800.0	
UBO	681.7	242	1.4	13900.0	N
WMO	1629.1	285	1.9	3028.0	N
KC-MO	1910.4	270	1.8	1839.0	
JE-LA	2314.1	292	1.8	3972.0	
EU2AL	2639.9	288	2.4	673.0	R
CPO	2758.9	283	2.0	1111.0	N
AX2AL	2795.6	288	2.4	974.0	
AE-NC	3249.3	284	2.4	1651.0	
BE-FL	3318.2	295	1.8	387.0	R
LS-NH	3787.5	273	1.8	592.0	
HN-ME	4082.2	273	2.5	589.0	

1967 Jan 19
37.14 N 116.14 W
Magnitude (MB)= 5.25

MN-NV	228.0	128	0.7	10000.0	
KN-UT	294.7	273	0.8	6633.0	
TFO	542.7	307	1.2	560.0	N
UBO	671.6	240	1.4	708.0	N
FK-CO	1055.3	258	1.8	710.0	
WMO	1603.5	284	1.9	227.0	N
CPO	2736.6	282	1.4	33.2	N
HN-ME	4069.9	273	1.6	32.6	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1967 Jan 20					
37.10 N 116.00 W					
Magnitude (MB)= 5.09					
MN-NV	240.2	127	0.8	5691.0	
KN-UT	282.4	272	1.3	16700.0	
TFO	530.4	307	1.2	355.0	N
MO-ID	663.9	178	1.1	2884.0	
UBO	663.9	239	1.3	1249.0	N
FK-CO	1045.3	258	1.6	485.0	
WMO	1592.4	284	1.5	187.0	N
CPO	2725.5	282	1.8	50.4	N
1967 May 20					
37.13 N 116.06 W					
Magnitude (MB)= 5.68					
MN-NV	233.5	127	0.6	45100.0	
KN-UT	288.0	273	0.8	26800.0	
TFO	537.1	307	1.3	1419.0	N
UBO	667.2	240	1.2	5474.0	N
FK-CO	1049.7	258	1.8	2495.0	
WMO	1597.9	284	1.7	724.0	N
HN-ME	4065.5	273	2.0	114.0	
1967 May 23					
37.28 N 116.37 W					
Magnitude (MB)= 5.56					
MN-NV	202.4	128	0.8	36600.0	
KN-UT	315.8	276	0.6	16700.0	
TFO	568.2	307	1.1	1496.0	N
MO-ID	643.8	180	0.9	6639.0	
UBO	680.5	242	0.7	2033.0	N
FK-CO	1070.9	259	1.5	1141.0	
WMO	1625.7	285	1.7	539.0	N
HN-ME	4081.0	273	1.7	36.6	
1967 May 26					
37.25 N 116.48 W					
Magnitude (MB)= 5.52					
MN-NV	197.9	131	0.6	8329.0	
KN-UT	325.8	275	0.6	4527.0	
TFO	574.9	306	1.0	850.0	N
UBO	690.6	242	0.8	817.0	N
FK-CO	1080.9	259	1.8	1075.0	
WMO	1635.8	285	2.1	430.0	N
1967 Nov 21					
37.47 N 118.58 W					
Magnitude (MB)= 4.20					
TL-WY	1106.4	233	0.7	5293.1	
1968 Apr 23					
32.10 N 116.78 W					
Magnitude (MB)= 4.70					
MN-NV	713.9	169	0.7	3690.6	
1968 Apr 23					
37.34 N 116.38 W					
Magnitude (MB)= 4.45					
MN-NV	197.9	127	0.6	760.0	
BP-CL	205.7	90	0.8	698.0	
EY-NV	248.0	202	0.7	96.5	
WW-UT	278.0	242	0.5	606.0	
KM-CL	283.6	16	0.8	169.0	
KG-AZ	290.2	311	0.6	266.0	
BF-CL	291.3	49	0.8	236.0	
ND-CL	312.5	346	0.6	427.0	
KN-UT	316.9	277	0.6	479.0	
CP-CL	511.5	359	0.5	50.8	
TFO	572.7	307	0.8	32.0	N
UBO	677.2	242	1.2	88.5	N
LC-NM	1047.5	304	1.0	7.4	
1968 Apr 26					
37.30 N 116.46 W					
Magnitude (MB)= 6.42					
MN-NV	195.7	129	1.1	303700.0	Z
AT-NV	249.1	167	0.6	93200.0	
EY-NV	254.6	203	0.6	34200.0	
KM-CL	278.0	14	0.9	3472.0	
BF-CL	282.4	49	1.0	2964.0	
KG-AZ	293.6	309	1.0	39300.0	
ND-CL	310.2	345	1.0	71700.0	
KN-UT	323.6	276	1.0	59000.0	
CP-CL	507.1	359	1.0	7500.0	
TFO	576.0	306	1.3	9595.0	N
UBO	686.1	242	1.2	11200.0	N
LC-NM	1052.0	303	1.7	4743.0	
WMO	1633.5	285	1.9	5381.0	N
HN-ME	4086.6	273	3.0	835.0	

Table 1—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1968 Dec 19					
37.23 N 116.47 W					
Magnitude (MB)= 6.40					
MN-NV	199.0	131	0.8	168200.0	
TFO	572.7	306	1.4	10700.0	N
UBO	690.6	242	1.4	14600.0	N
LC-NM	1049.7	303	0.0	5532.0	
WMO	1634.6	285	1.5	1250.0	E
HN-ME	4091.0	273	3.0	1308.0	
1969 Oct 08					
37.26 N 116.45 W					
Magnitude (MB)= 5.50					
KN-UT	329.2	276	0.9	127050.3	
LC-NM	1078.6	301	1.0	1986.0	

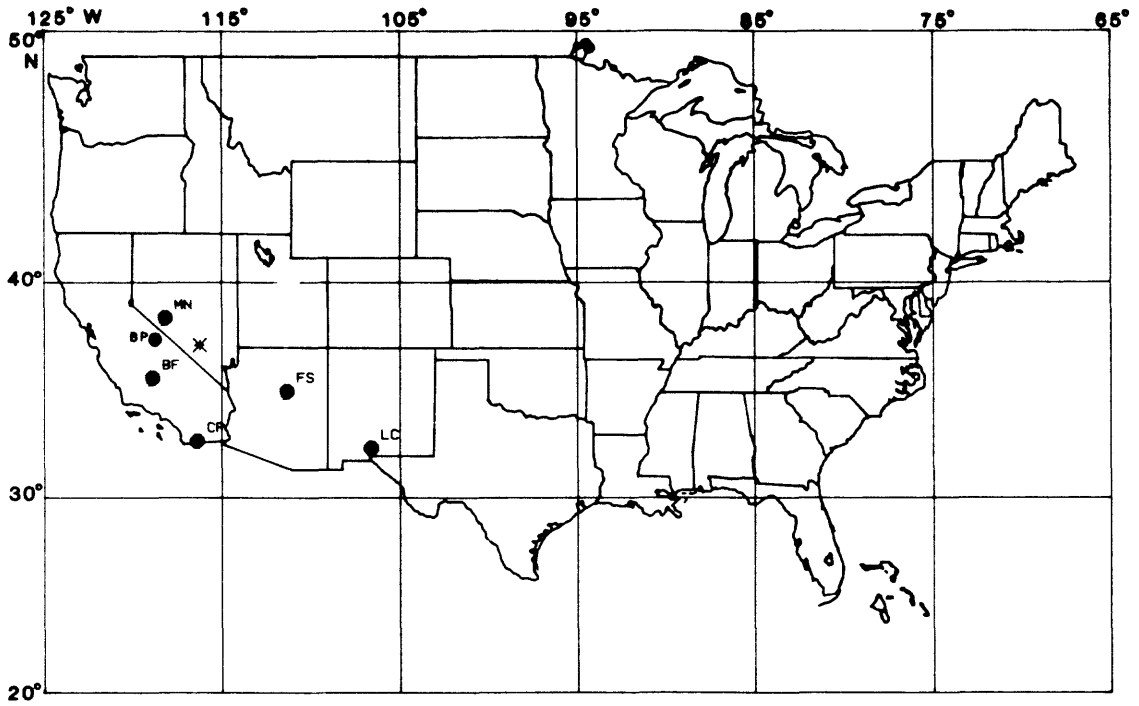
Sta.	Dist. (km)	Azim. (deg)	T (sec)

Figures 1—66.—LRSM station locations, by event, used to tabulate the *Lg*-wave transverse component of ground motion (table 1).

[U.S. Mercator Projection map showing the geographic State-line divisions; north latitude; west longitude; asterisk shows event epicenter; solid circles show station locations for each event. *Heading identifies chronologically:* date and magnitude of each event corresponding to table 1.]

Figure 1

15 Sep 1961; MB= 4.7



16 Sep 1961; MB= 2.3

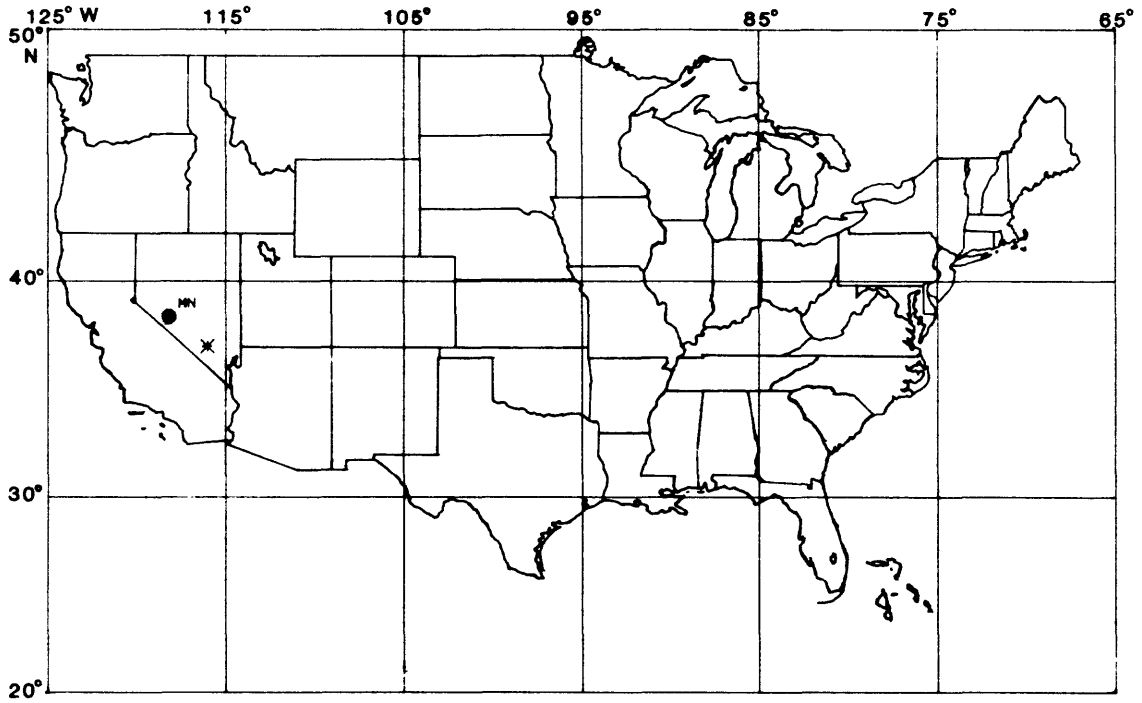
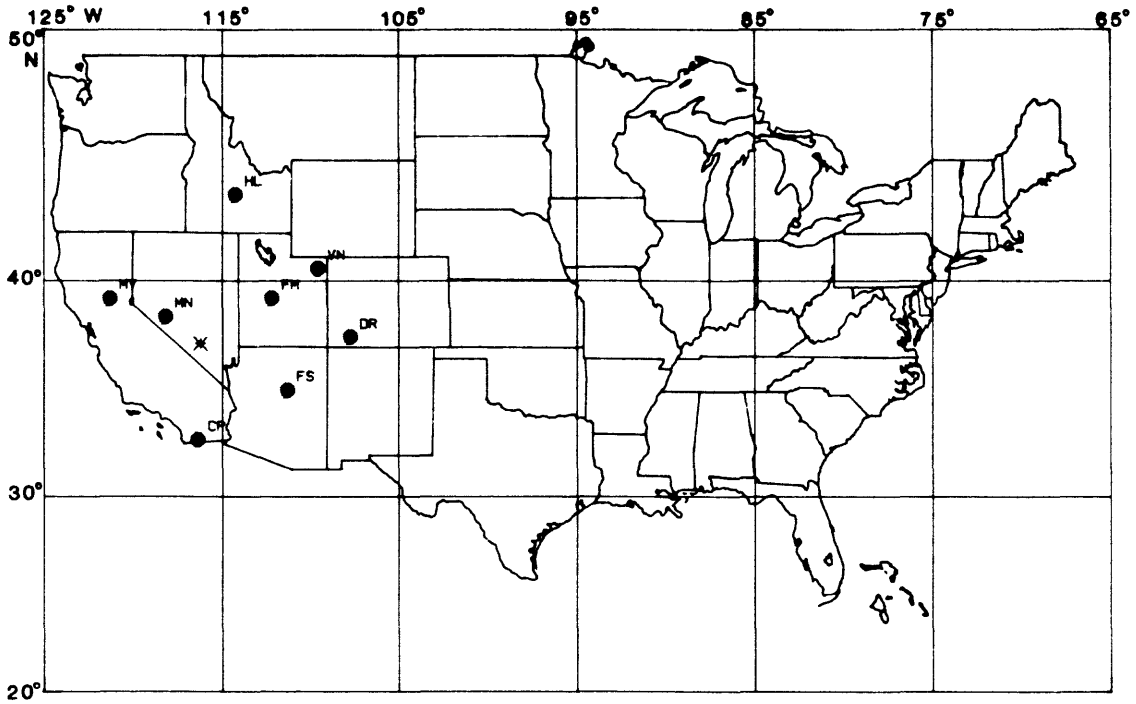


Figure 2

10 Oct 1961; MB= 3.9



29 Oct 1961; MB= 3.7

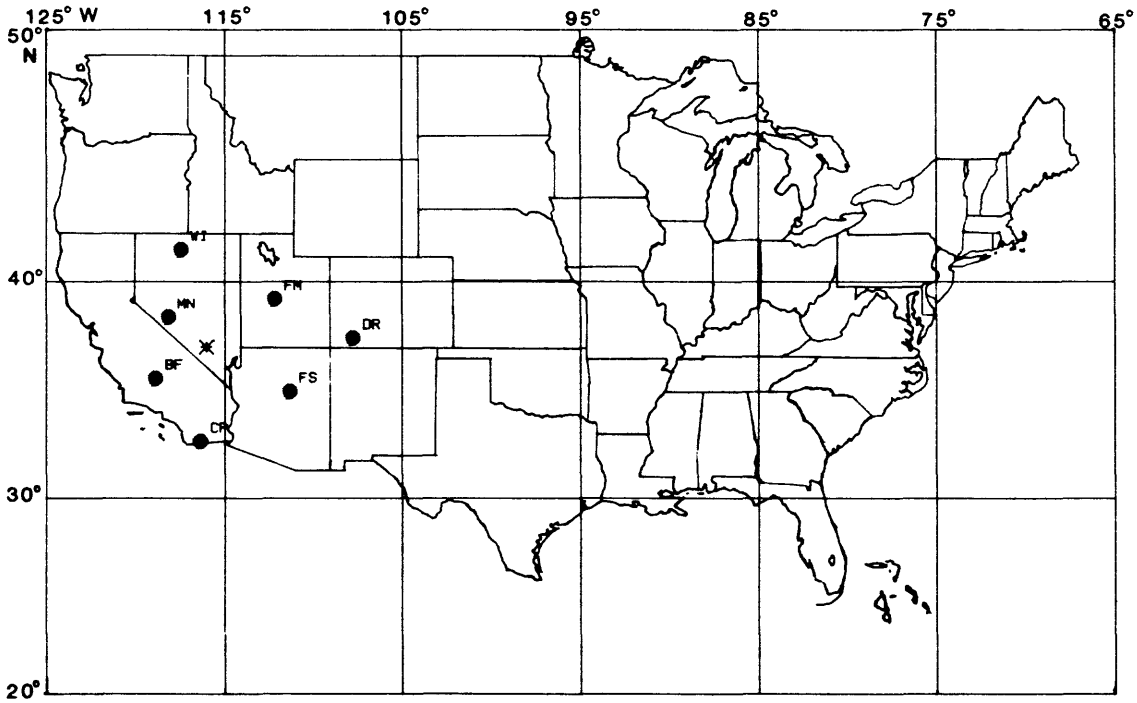
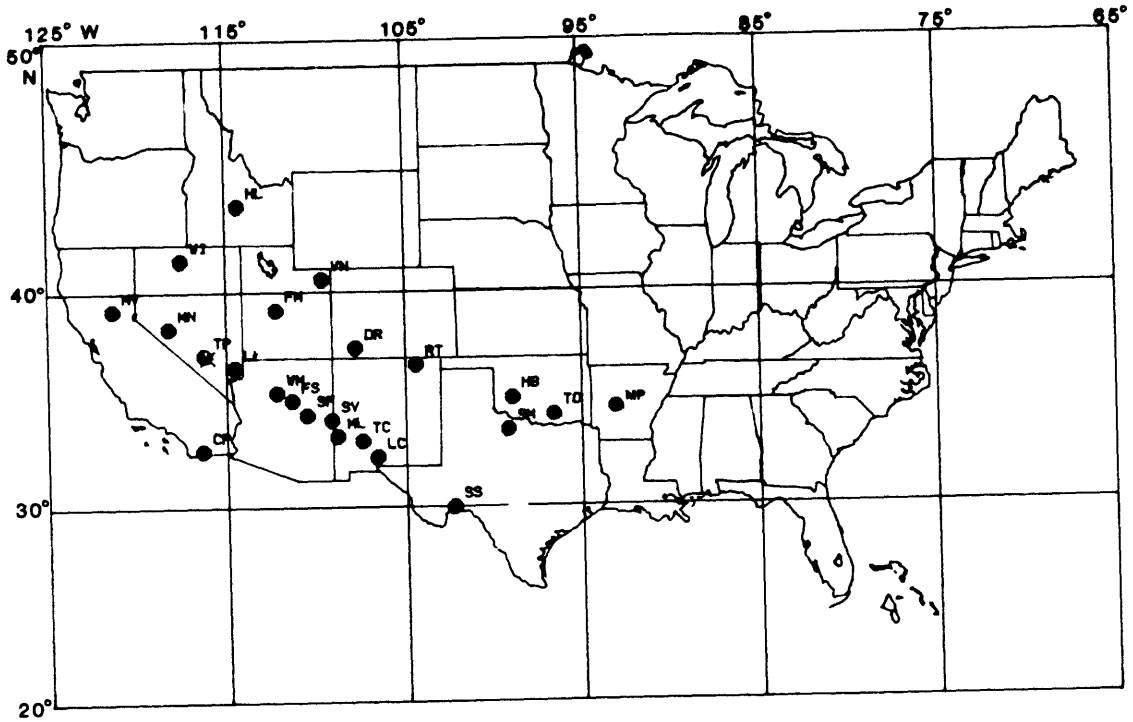


Figure 3

3 Dec 1961; MB= 4.3



13 Dec 1961; MB= 3.4

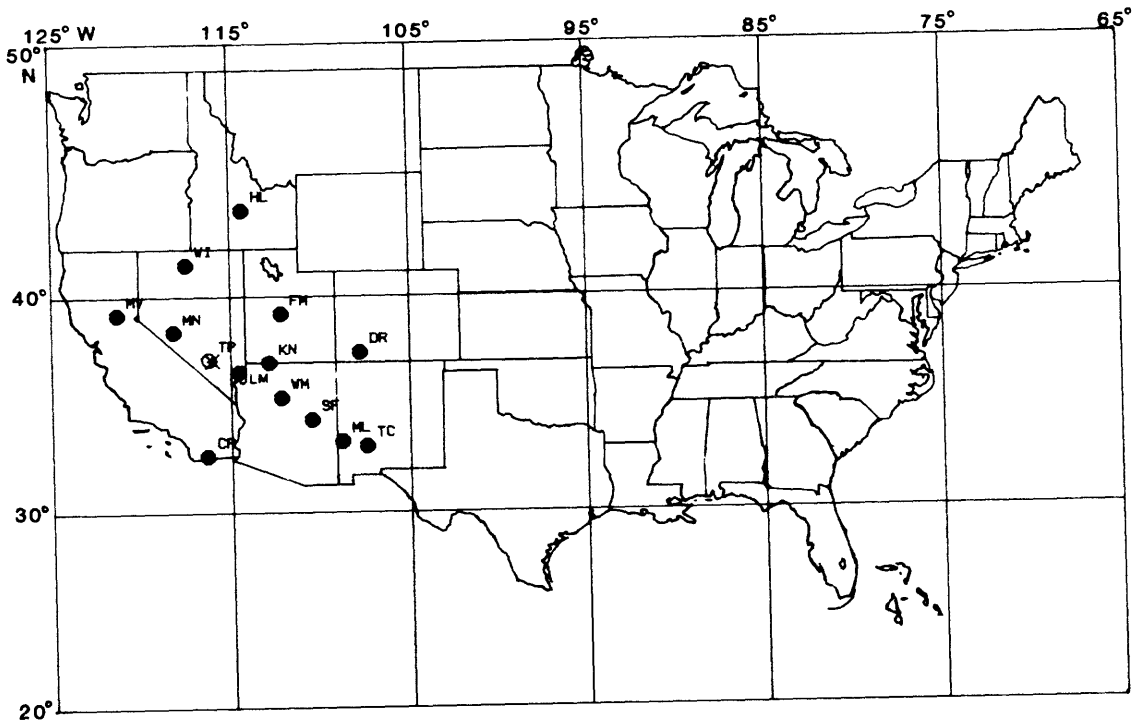
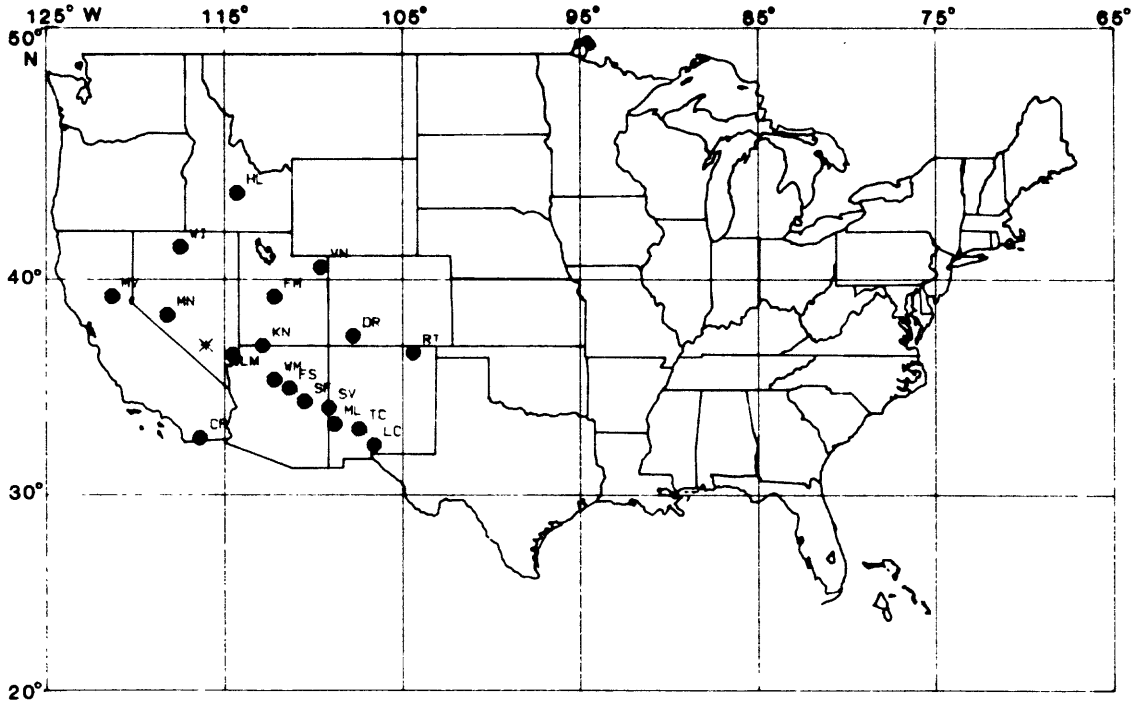


Figure 4

17 Dec 1961; MB= 4.1



22 Dec 1961; MB= 3.2

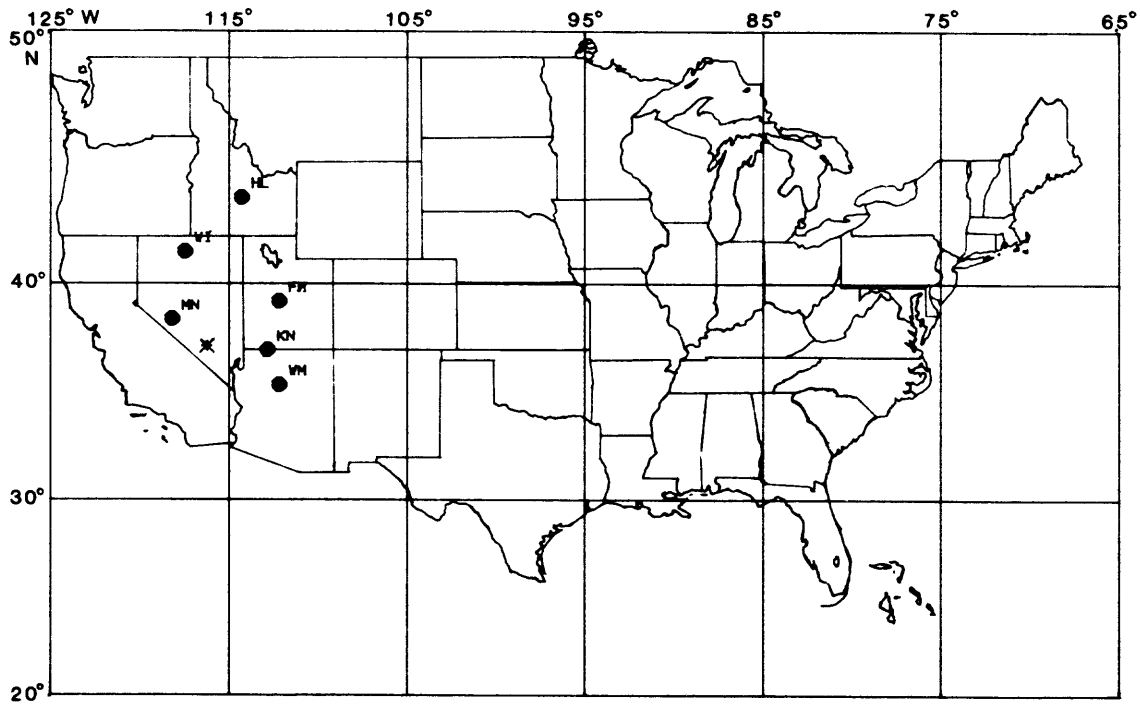
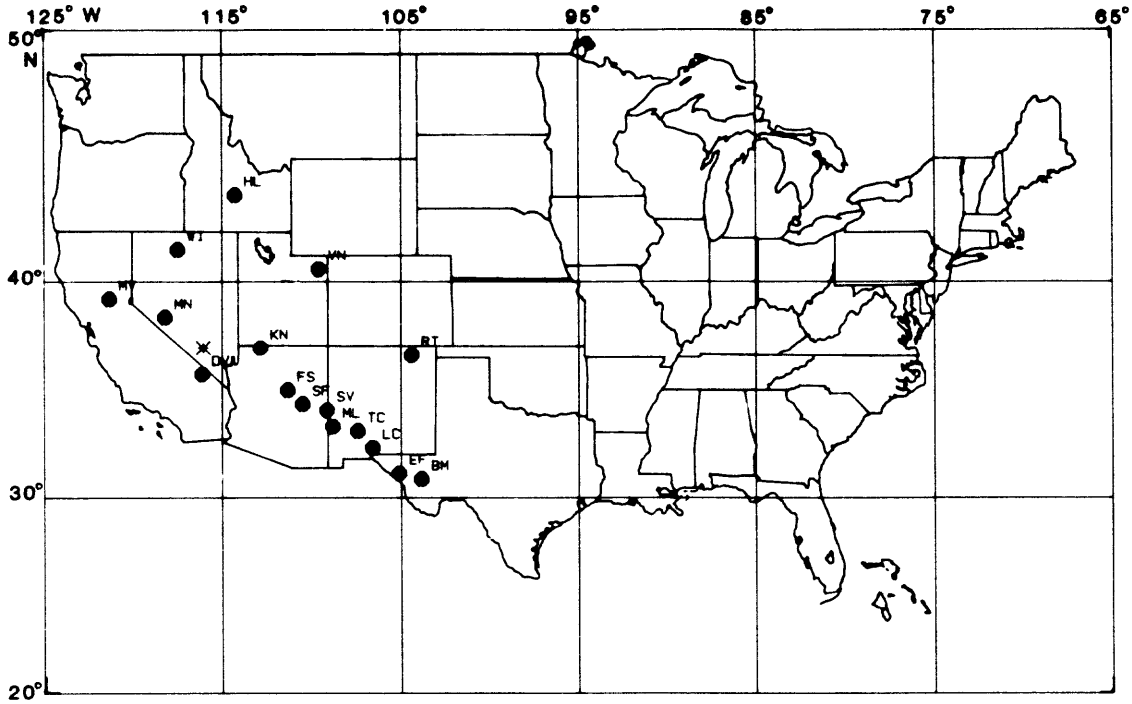


Figure 5

9 Jan 1962; MB= 4.2



18 Jan 1962; MB= 4.5

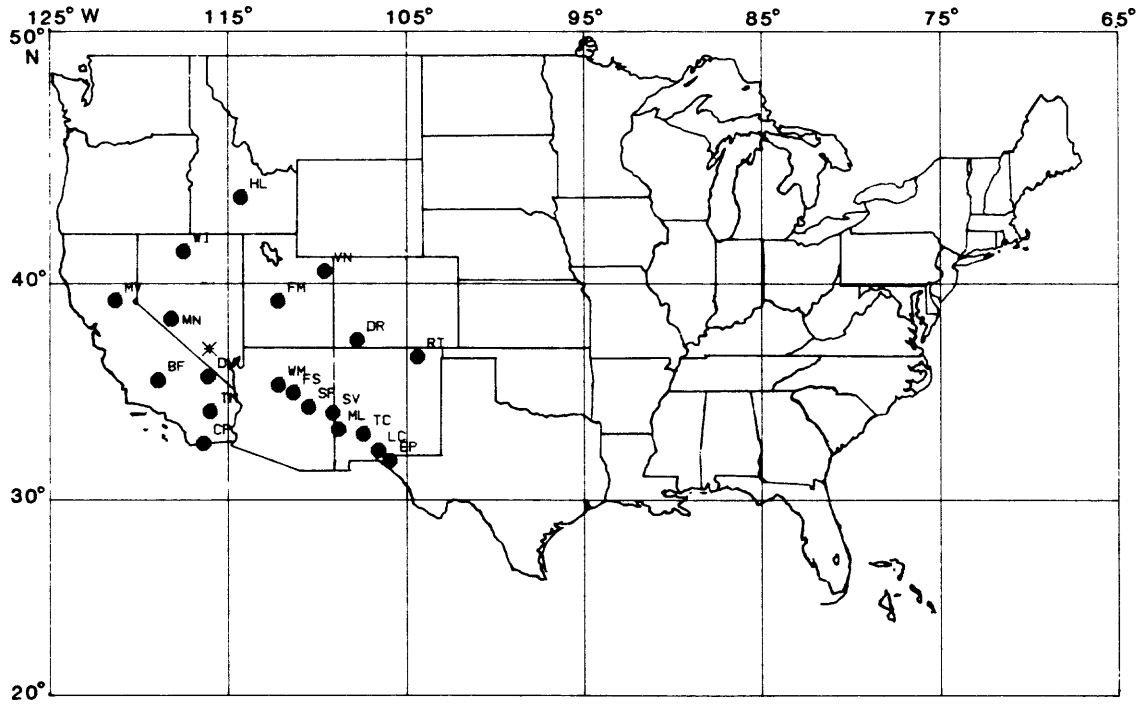
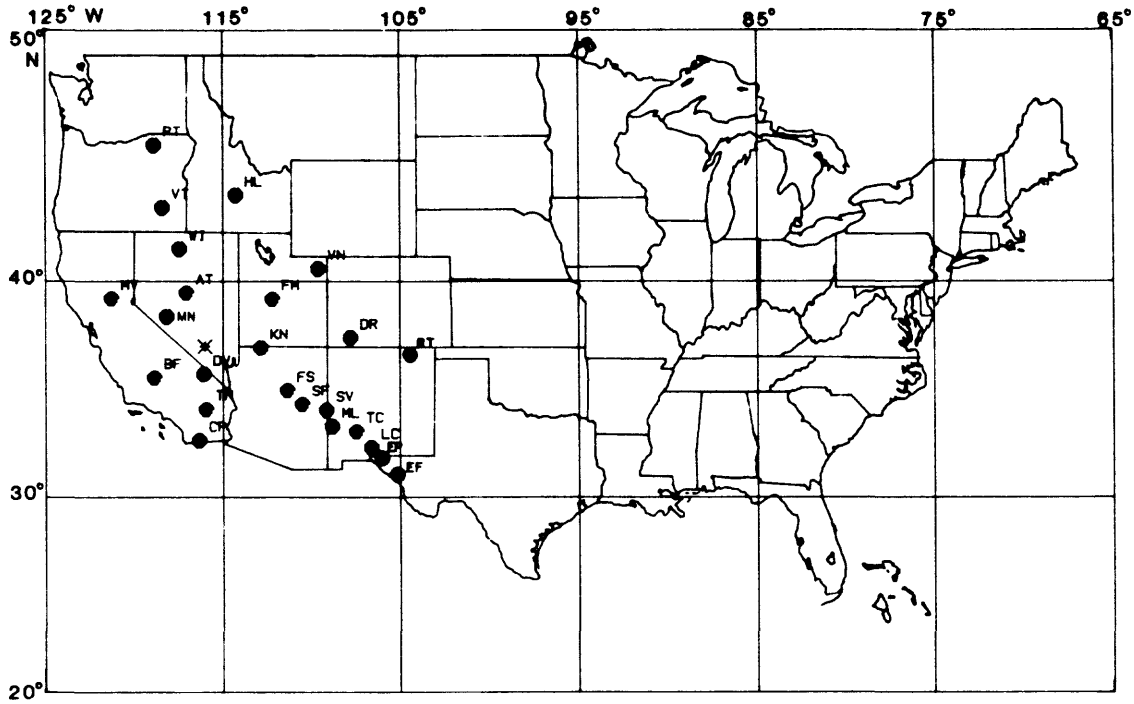


Figure 6

30 Jan 1962; MB= 4.5



8 Feb 1962; MB= 4.3

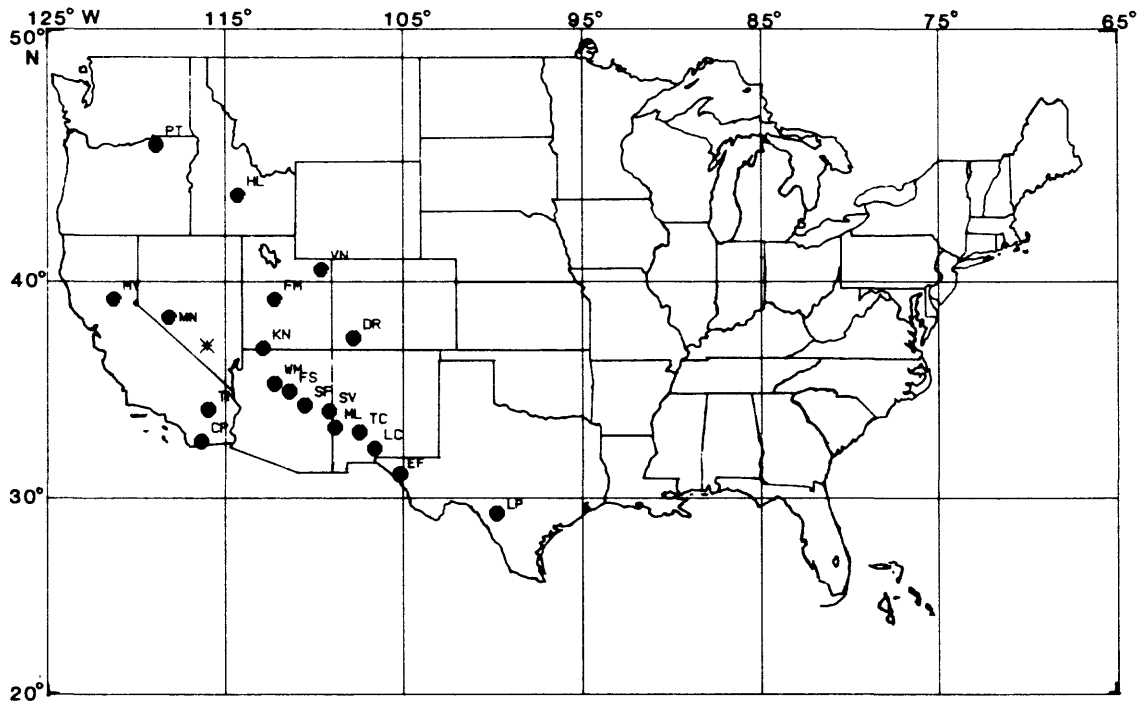
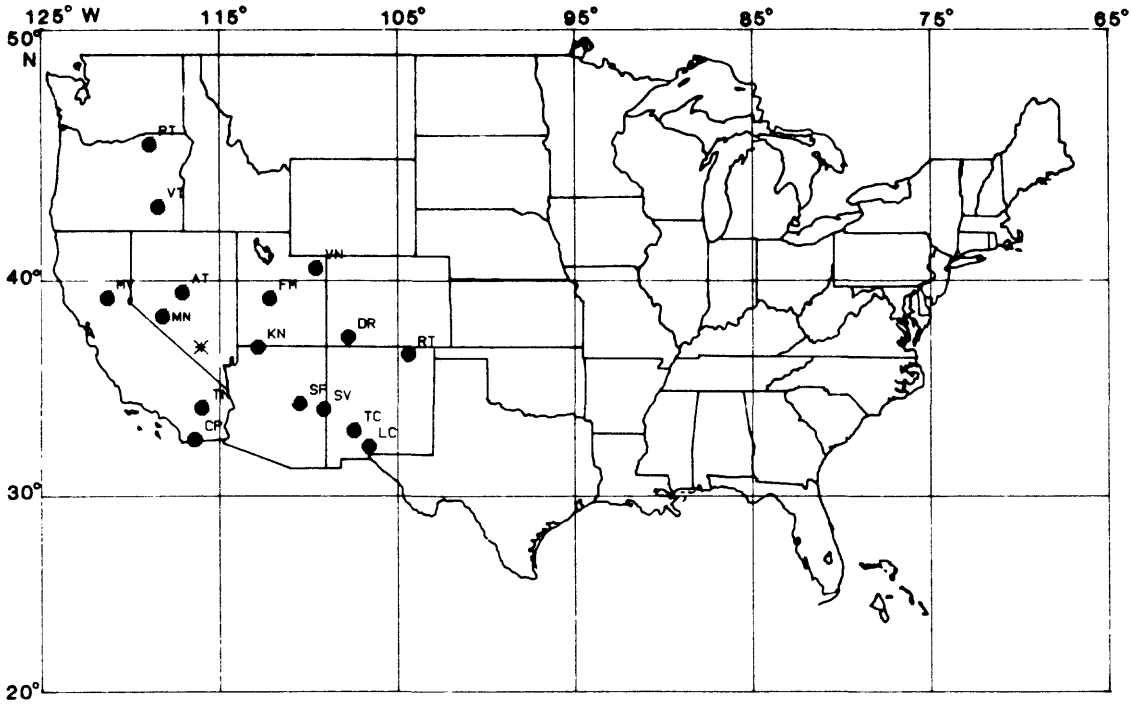


Figure 7

9 Feb 1962; MB= 4.2



9 Feb 1962; ML= 6.25

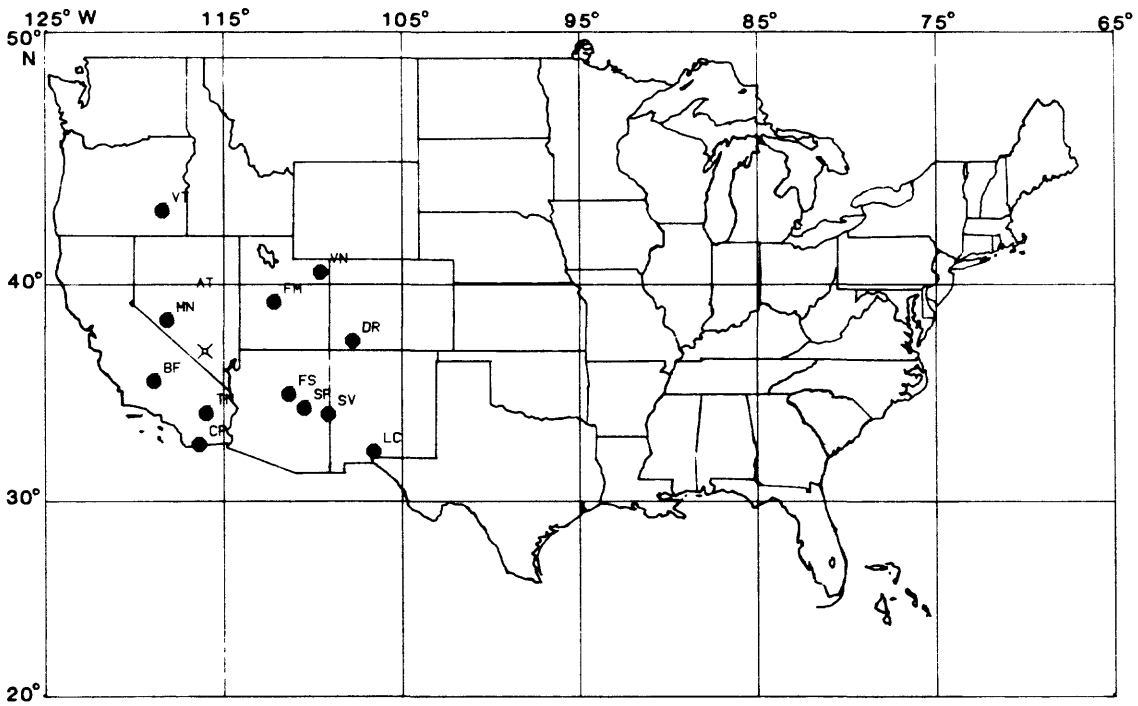
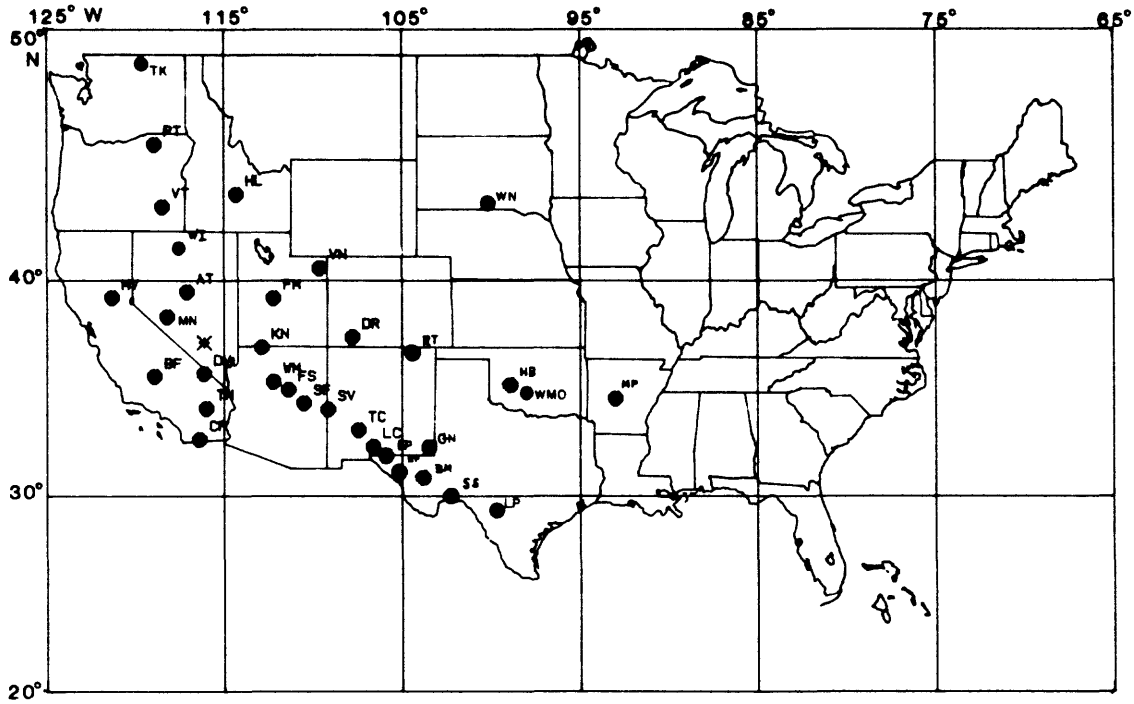


Figure 8

15 Feb 1962; MB= 4.9



19 Feb 1962; MB= 4.0

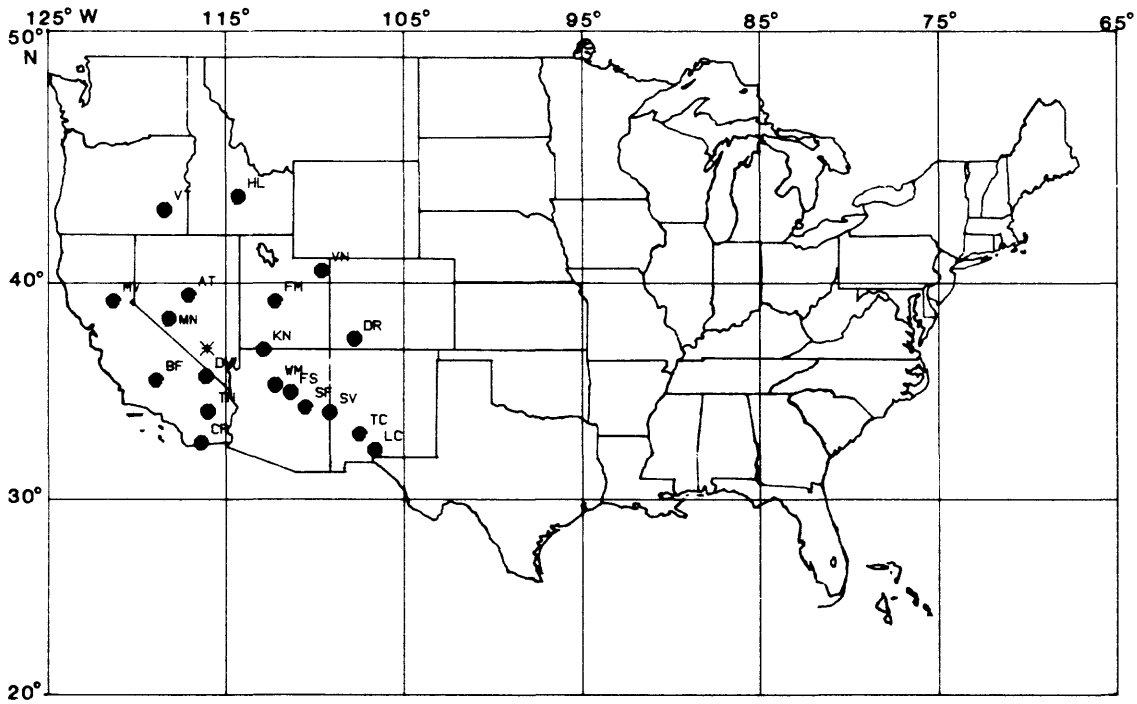
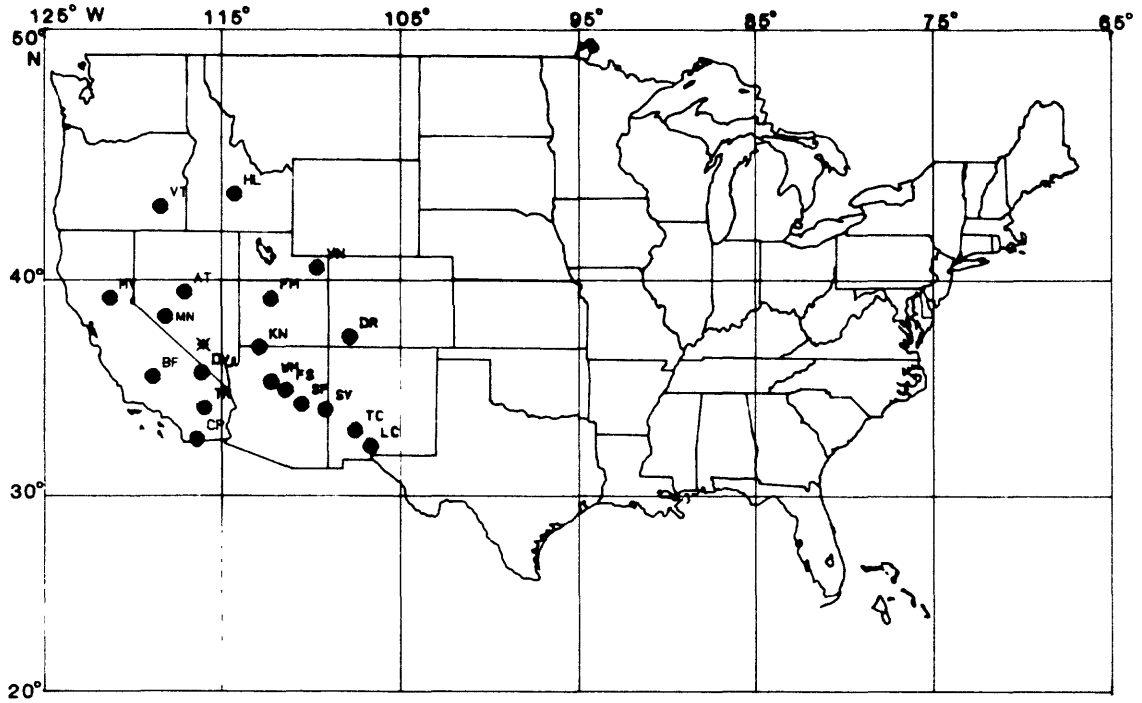


Figure 9

19 Feb 1962; MB= 4.0



24 Feb 1962; MB= 2.0

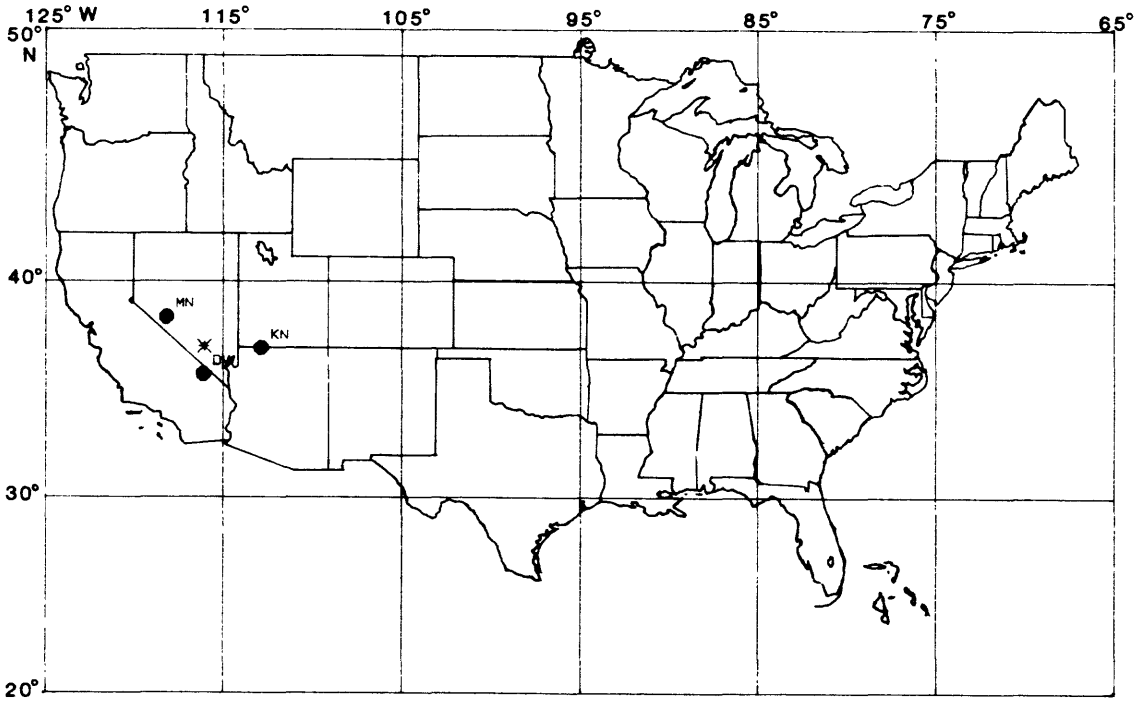
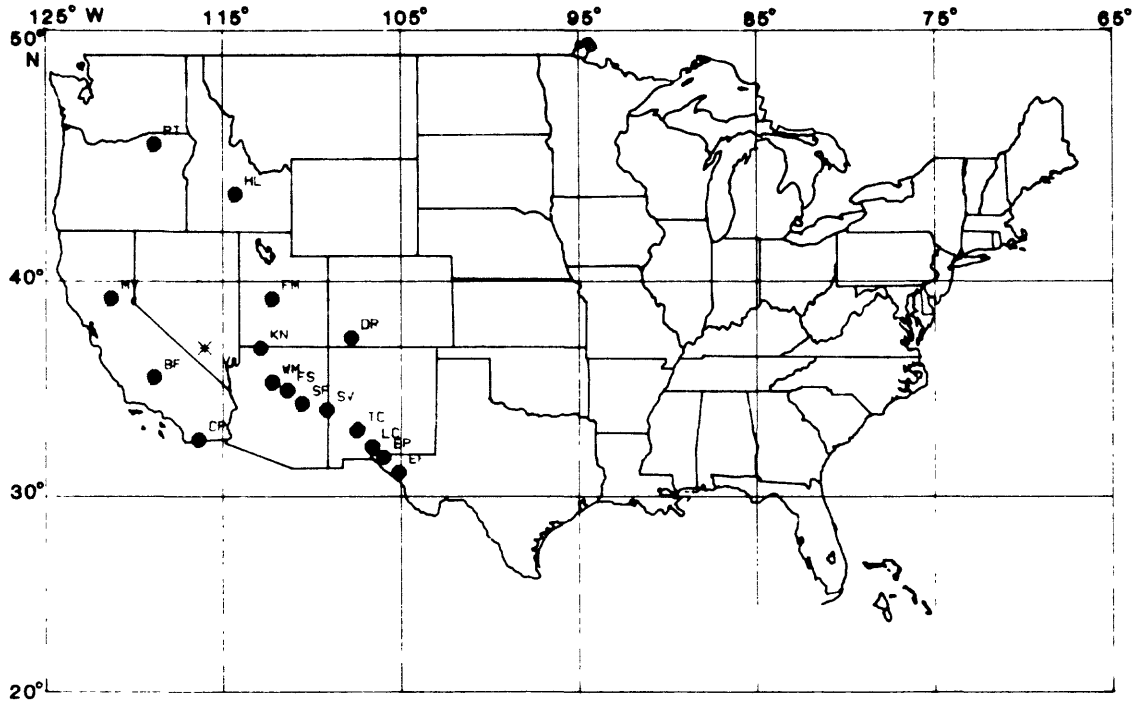


Figure 10

1 Mar 1962; MB= 4.4



5 Mar 1962; MB=4.2

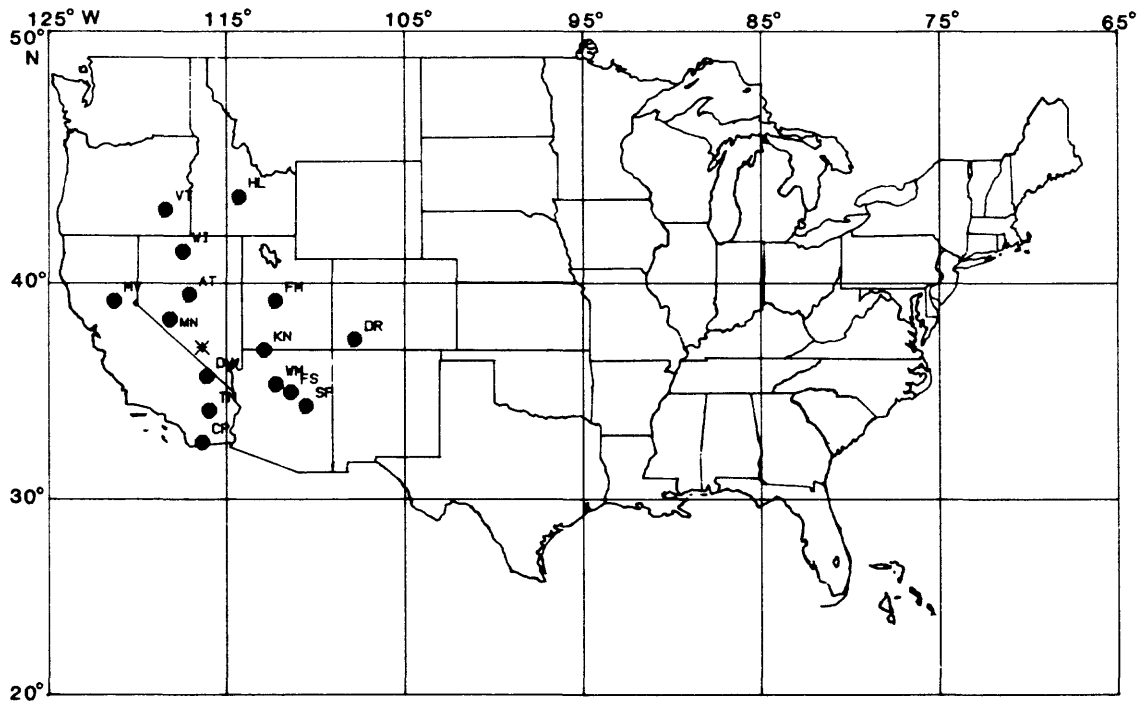
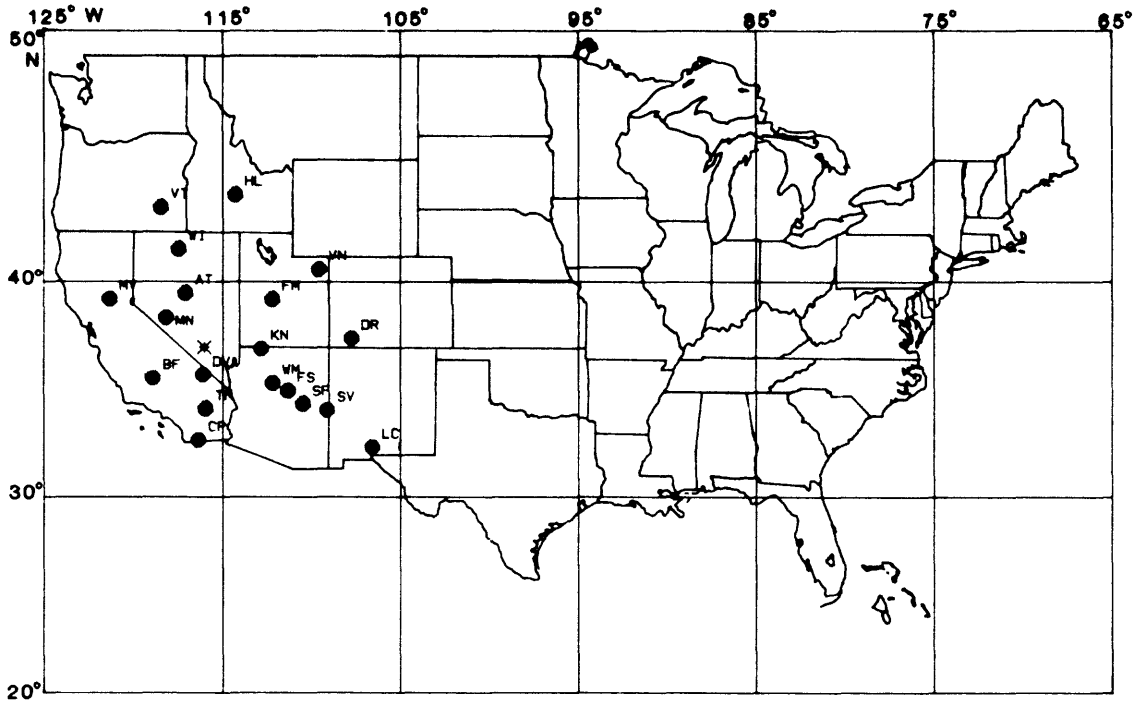


Figure 11

31 Mar 1962; MB= 4.0



5 Apr 1962; MB= 4.6

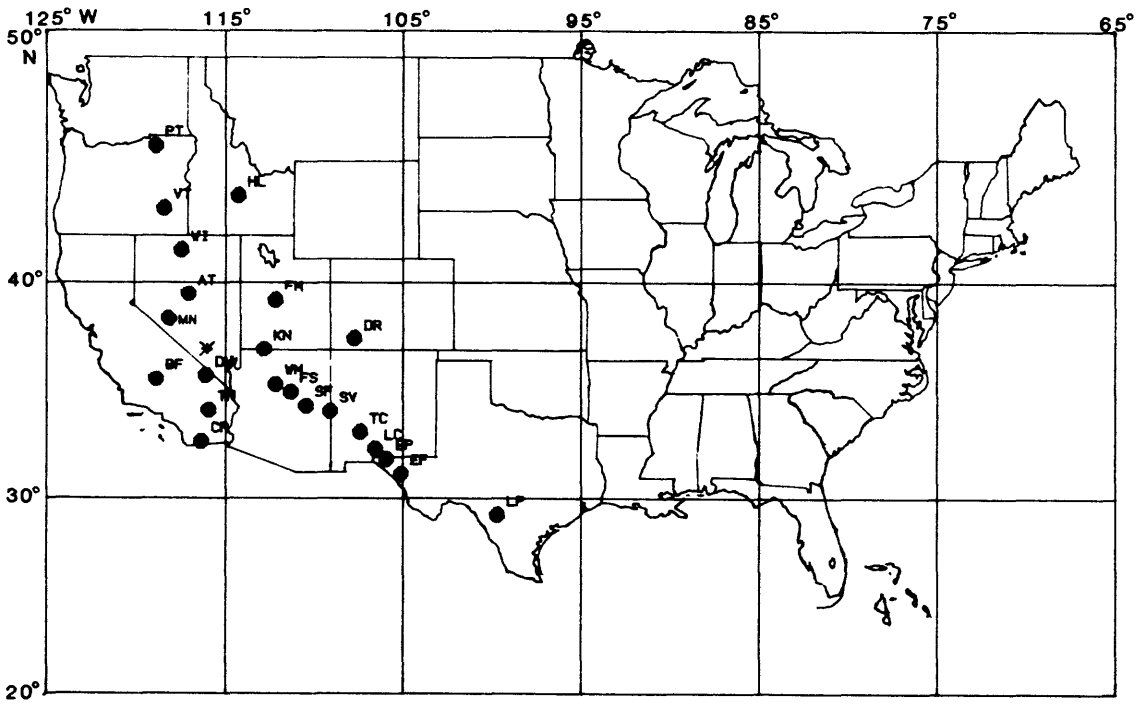
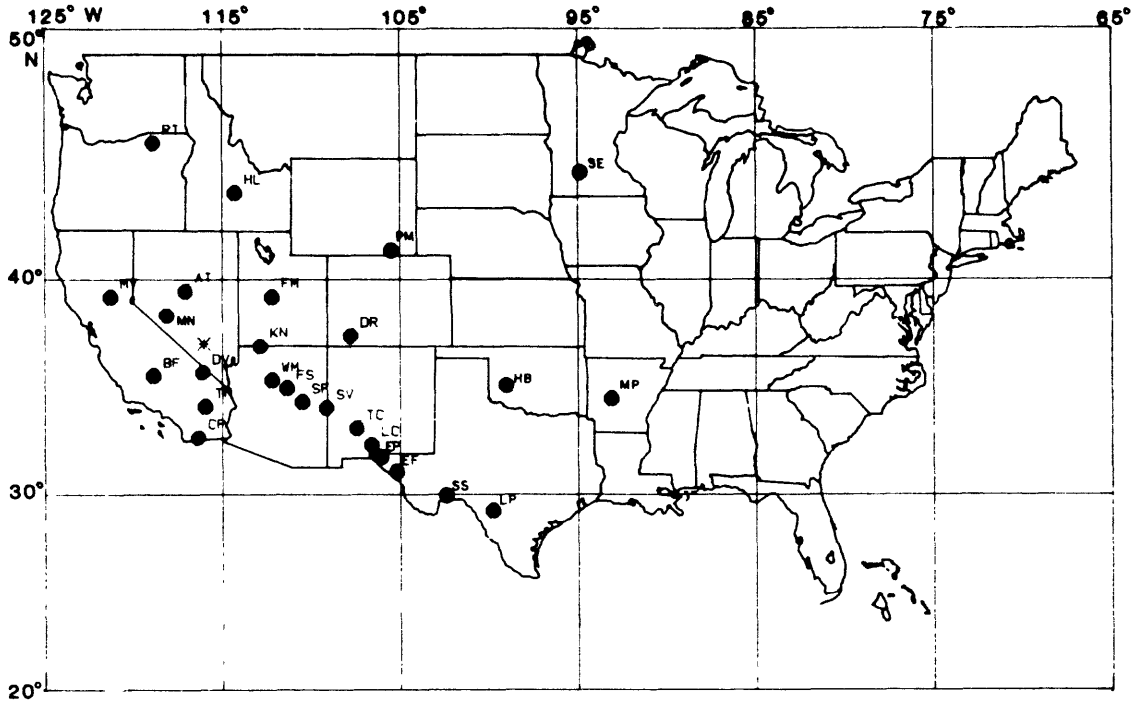


Figure 12

6 Apr 1962; MB= 4.3



12 May 1962; MB= 4.9

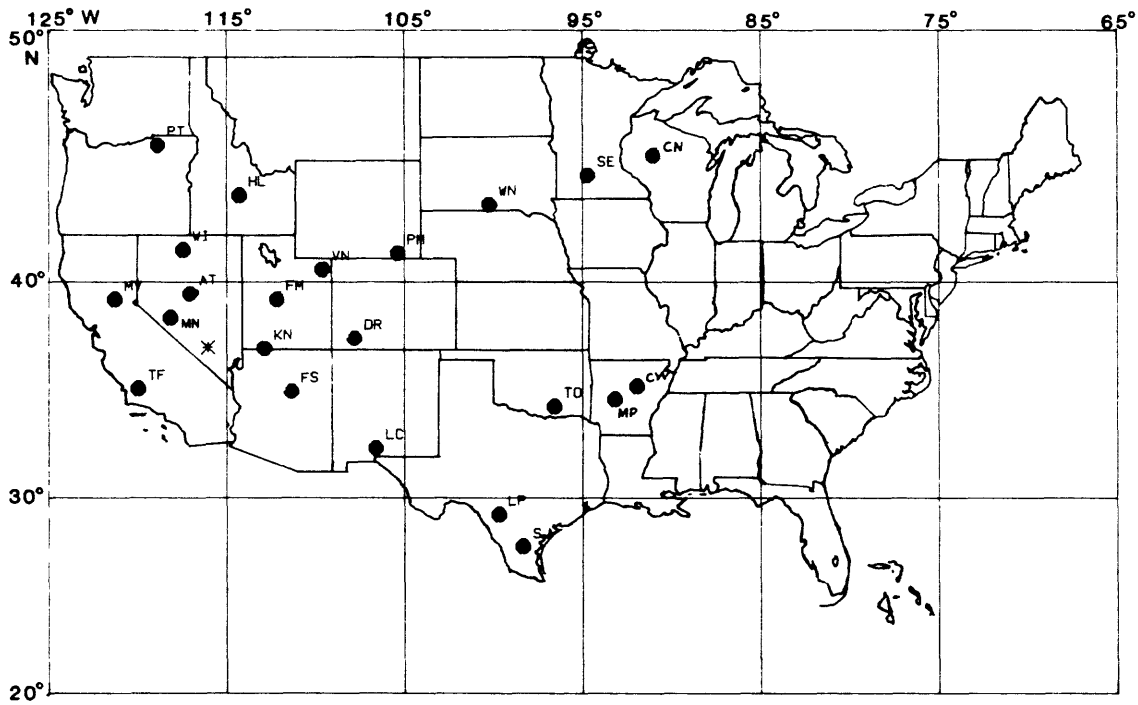
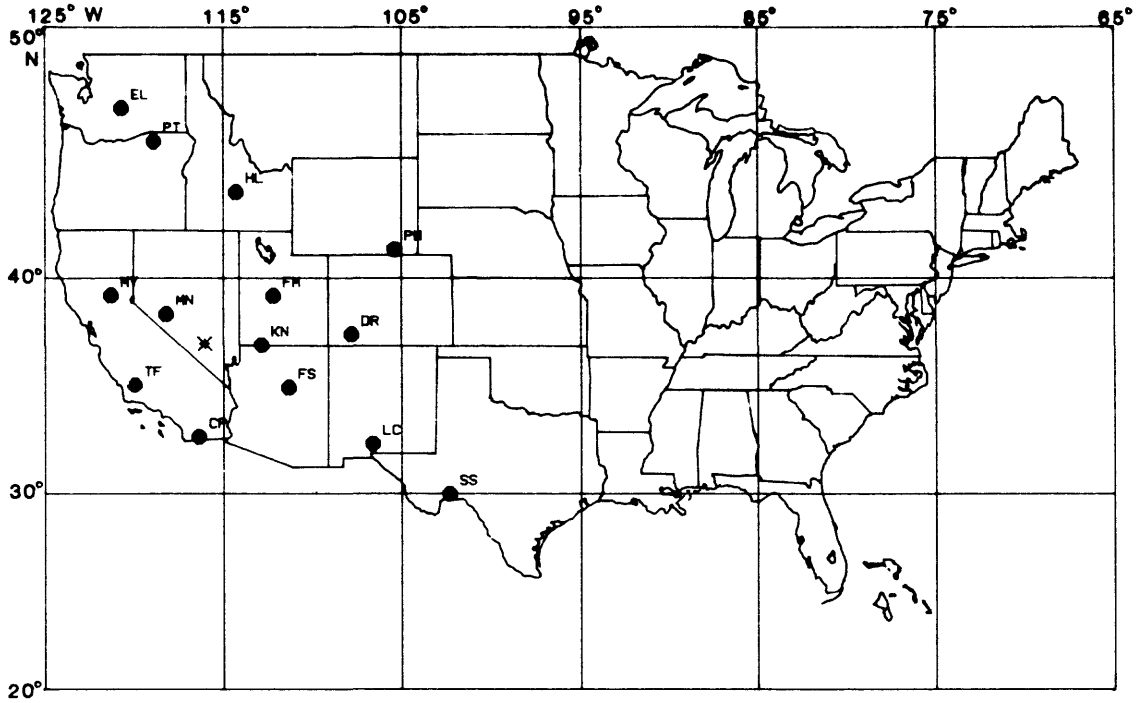


Figure 13

6 Jun 1962; MB= 4.2



8 Jun 1962; ML= 4.2

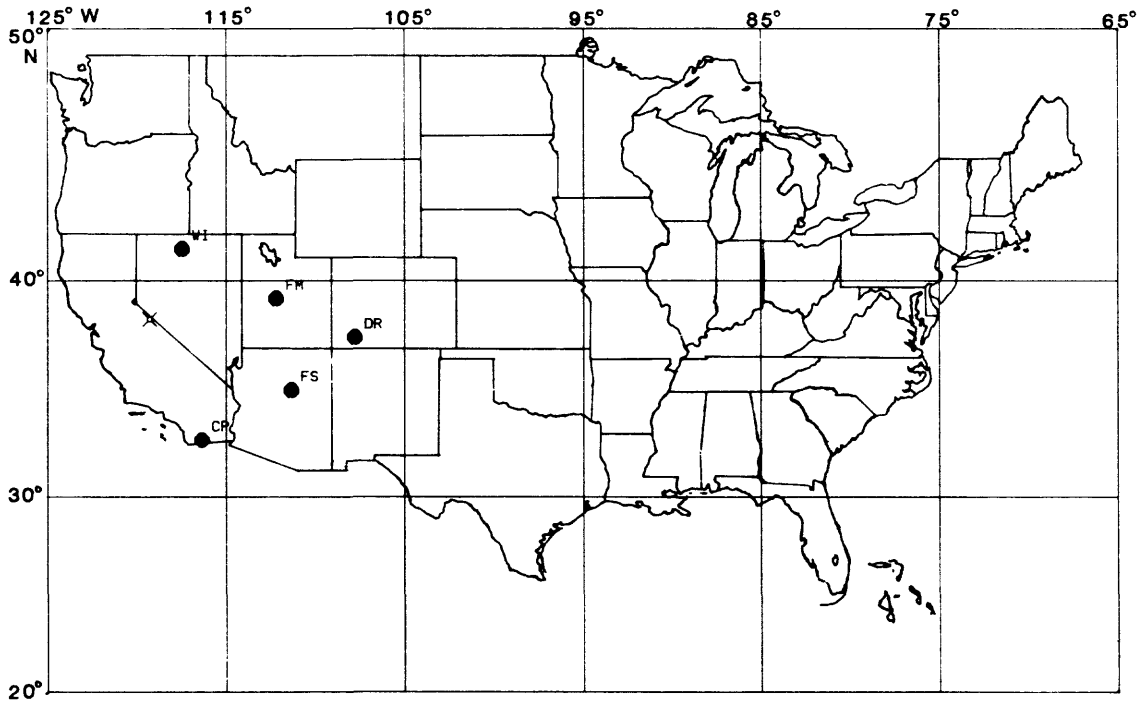
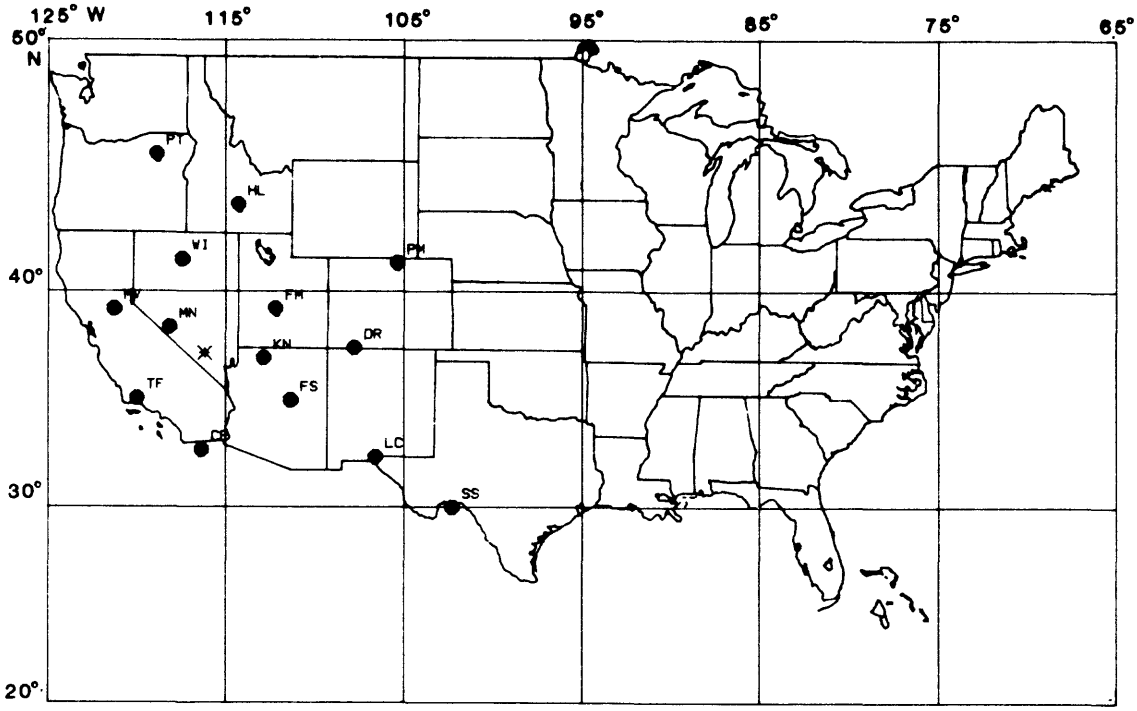


Figure 14

13 Jun 1962; MB= 4.5



27 Jun 1962 MB= 4.9

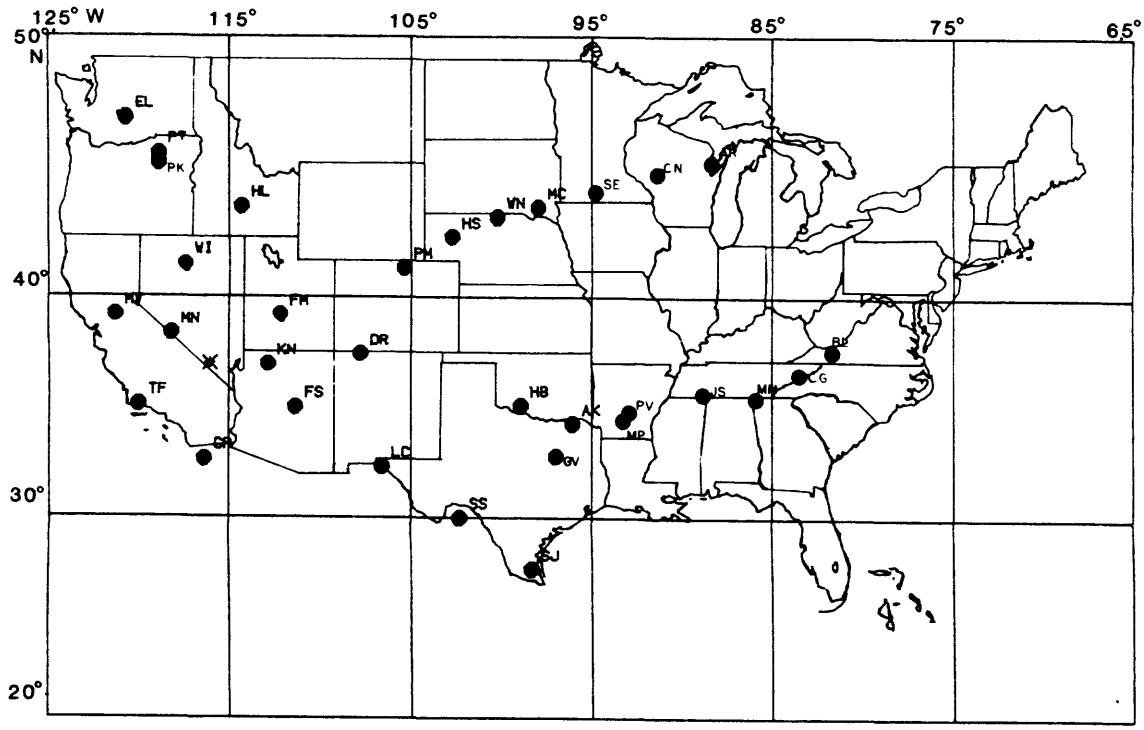
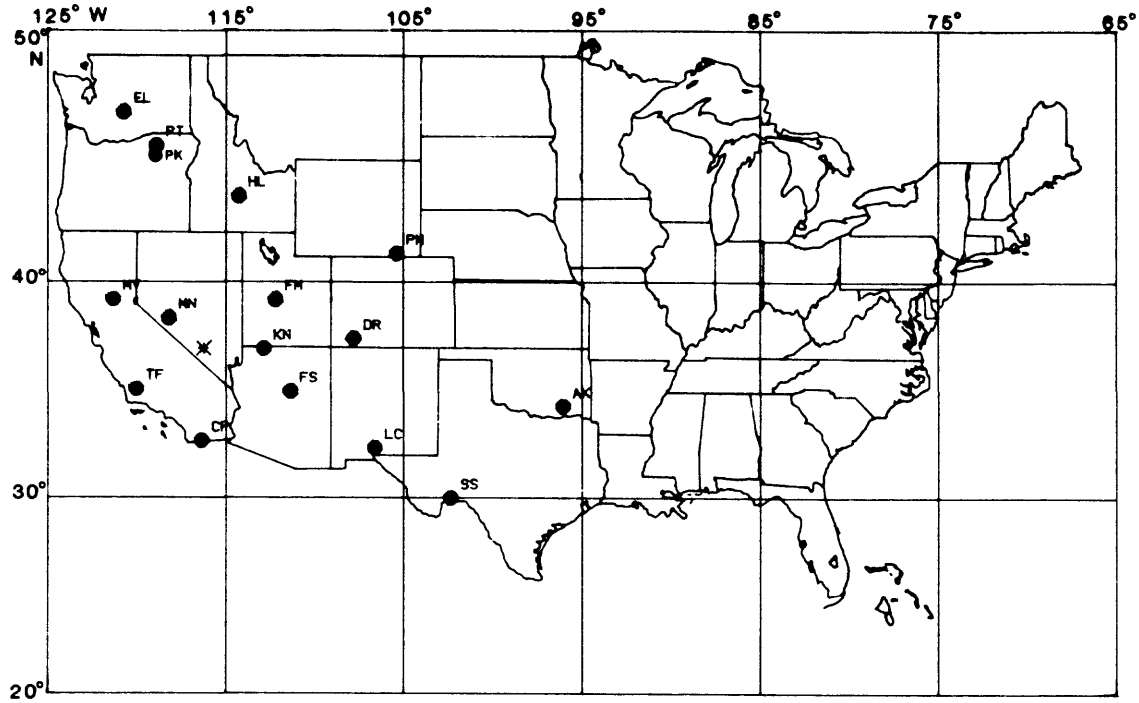


Figure 15

28 Jun 1962; MB= 4.5



30 Jun 1962; MB= 4.1

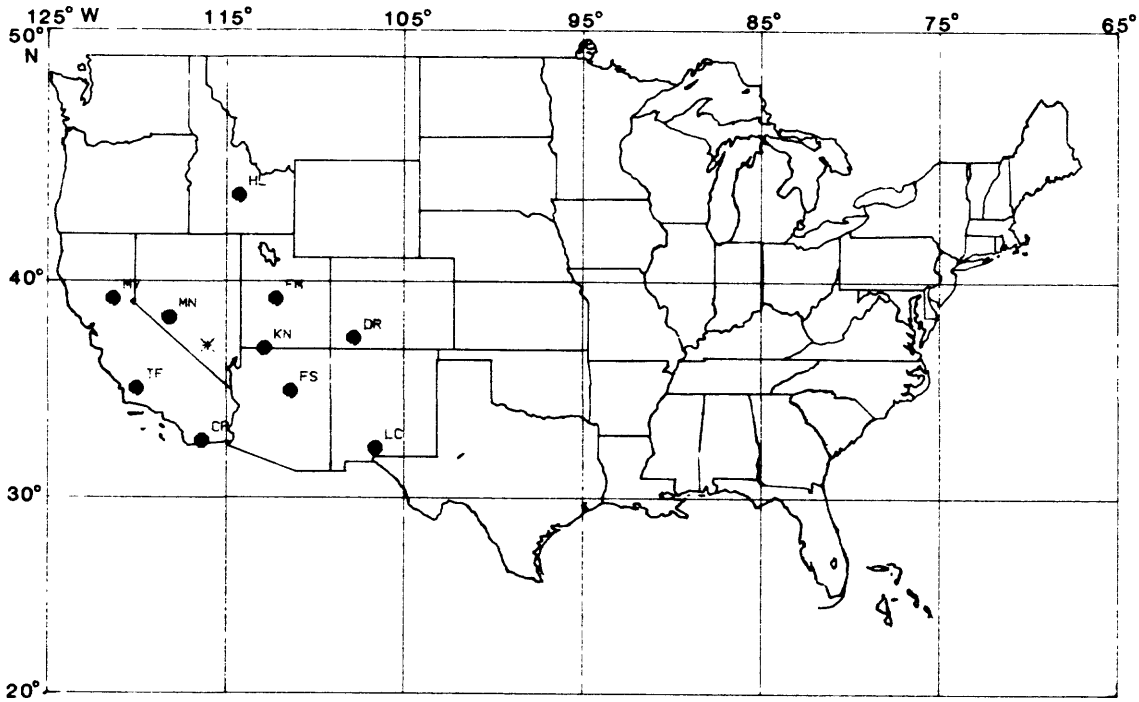
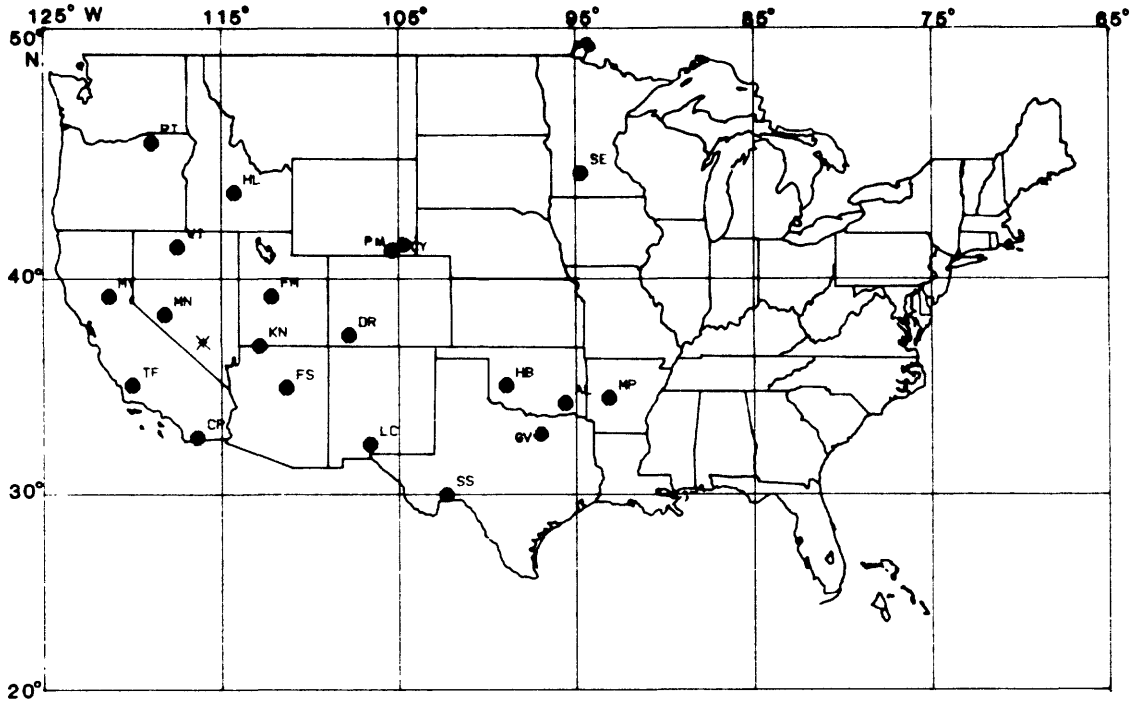


Figure 16

6 Jul 1962; MB= 4.7



8 Jul 1962; ML= 4.4

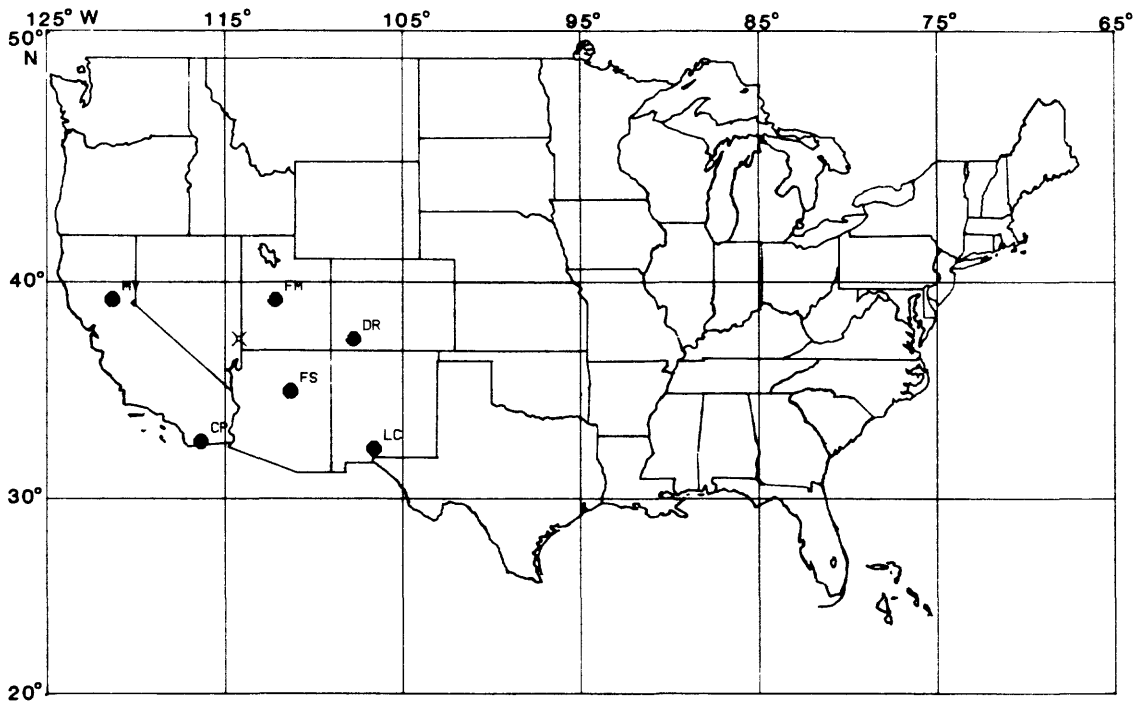
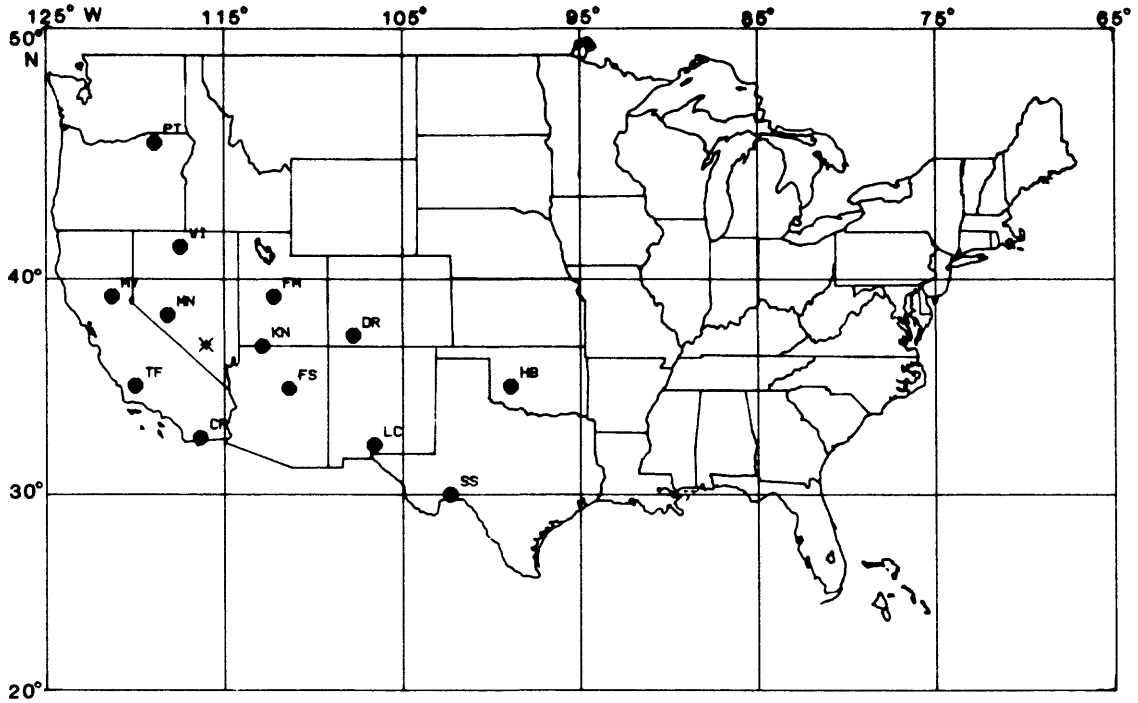


Figure 17

13 Jul 1962; MB= 4.1



14 Jul 1962; MB= 3.7

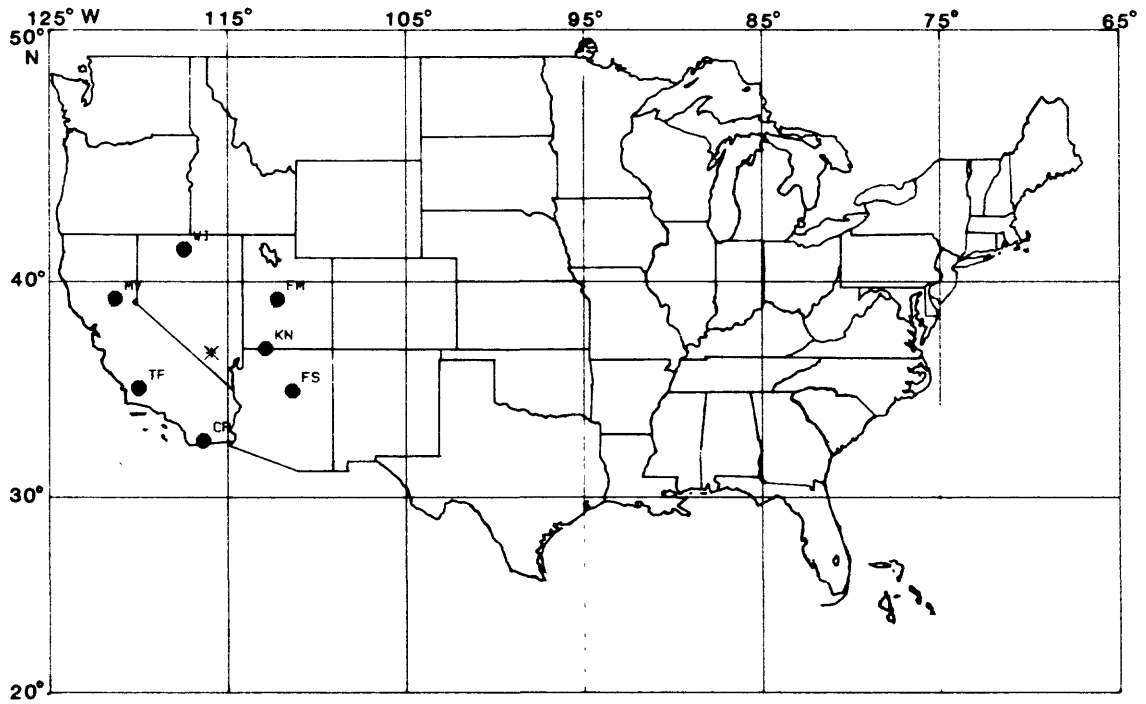
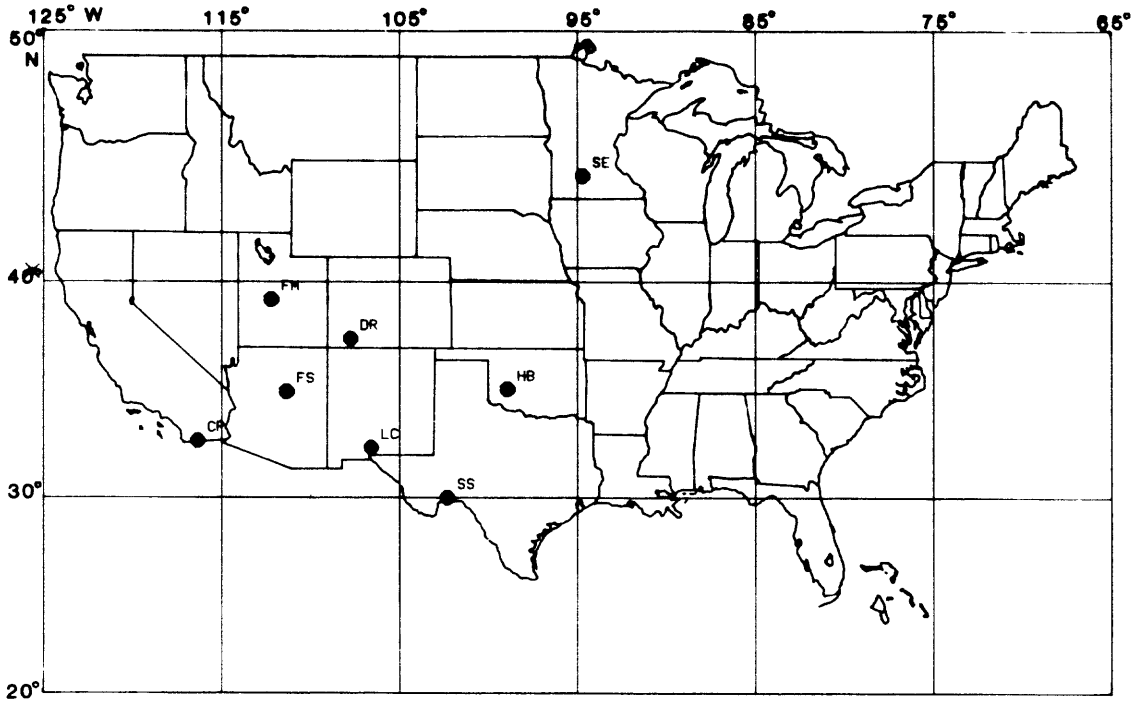


Figure 18

14 Jul 1962; ML= 5.1



27 Jul 1962; MB= 4.3

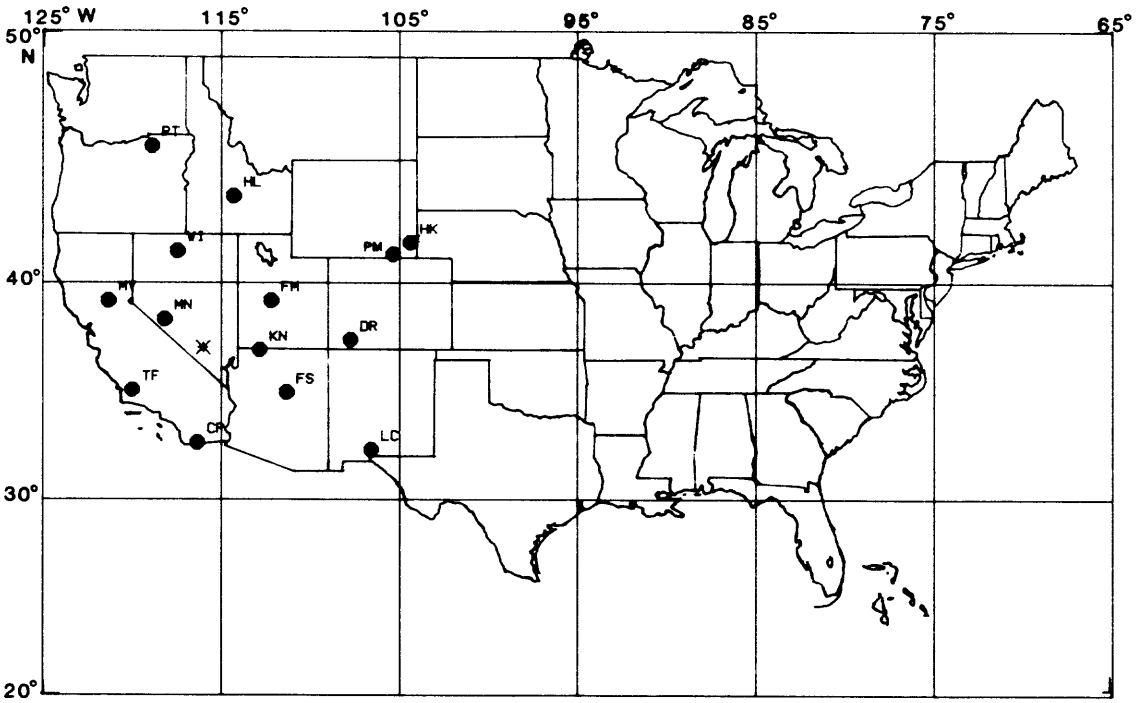
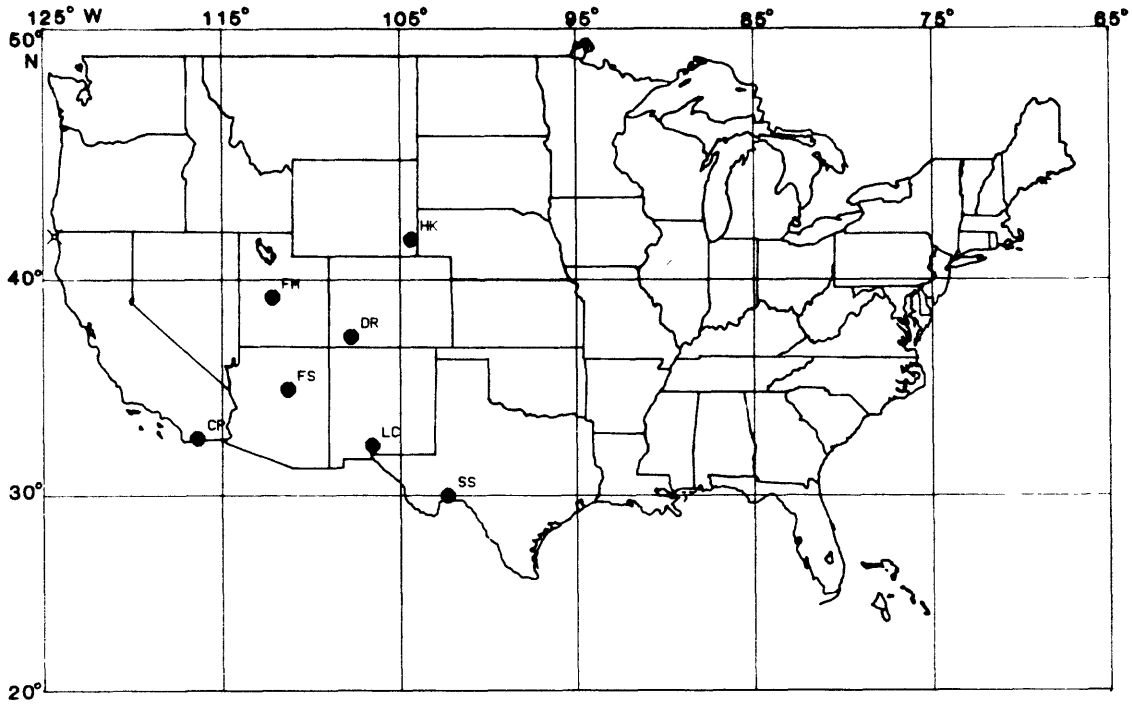


Figure 19

23 Aug 1962; ML= 5.6



24 Aug 1962; MB= 4.4

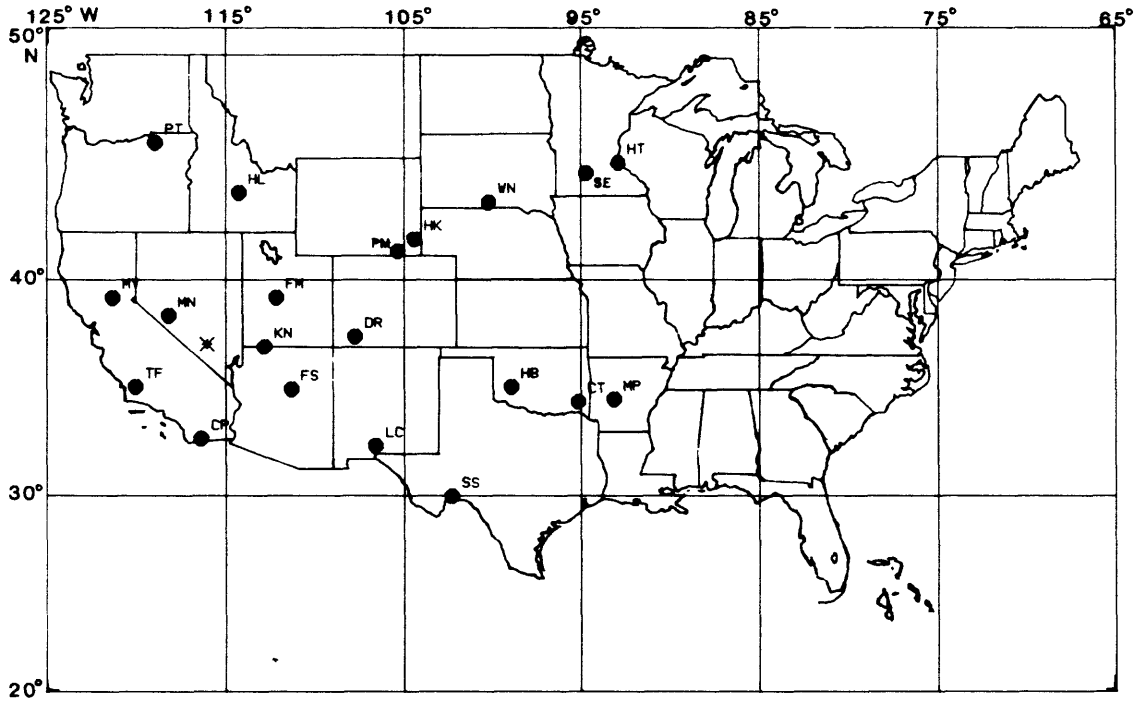
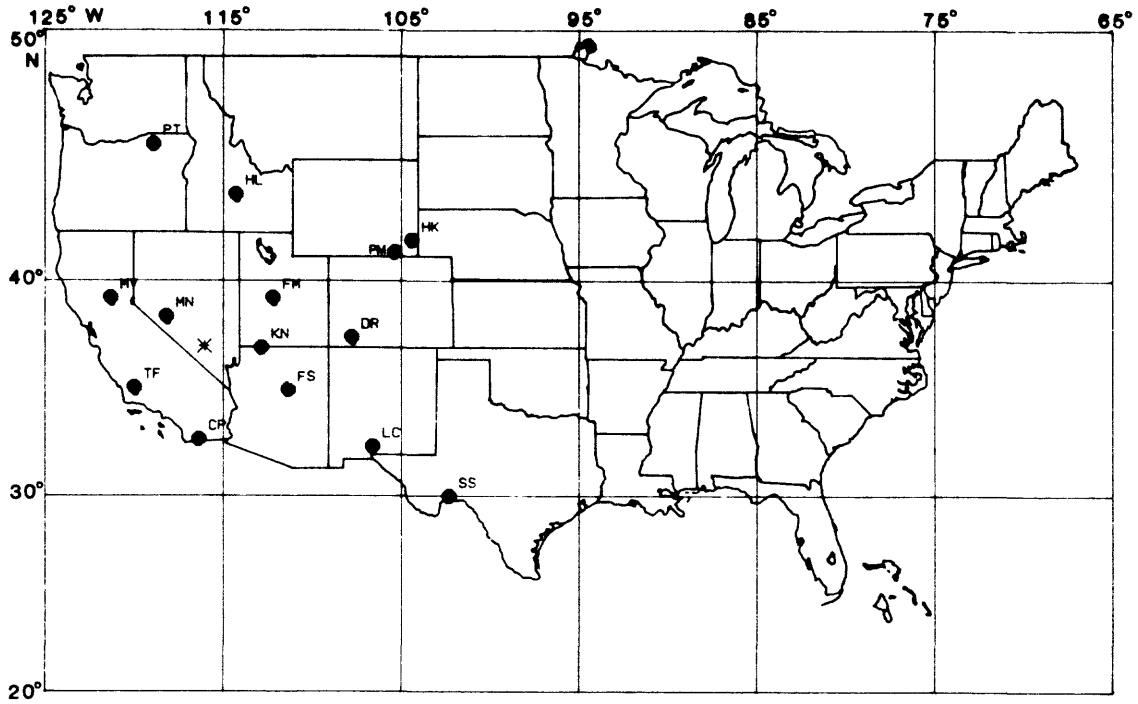


Figure 20

24 Aug 1962; MB= 4.2



30 Aug 1962; ML= 5.7

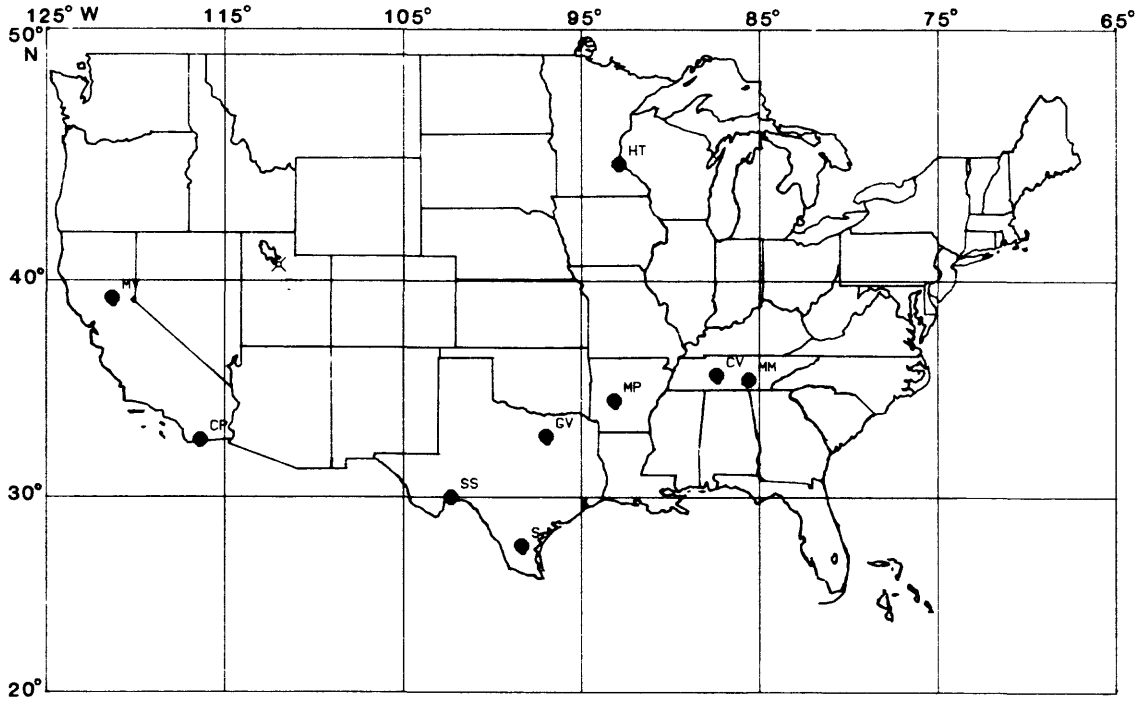
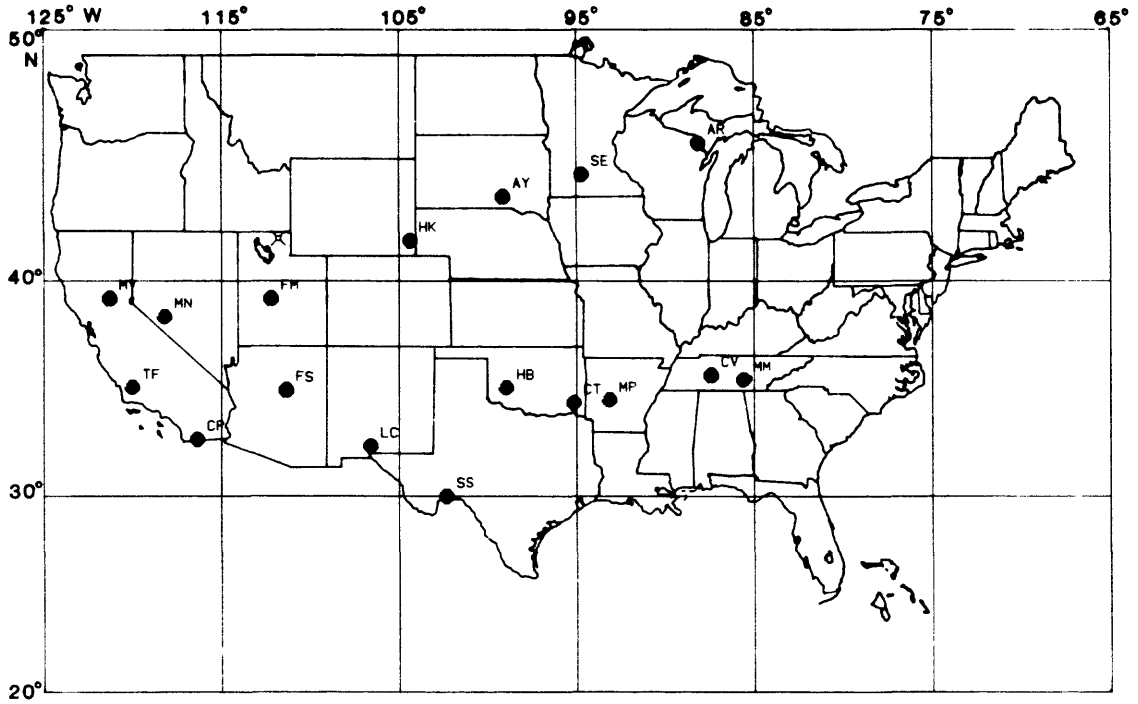


Figure 21

5 Sep 1962; ML= 5.1



14 Sep 1962; MB= 4.4

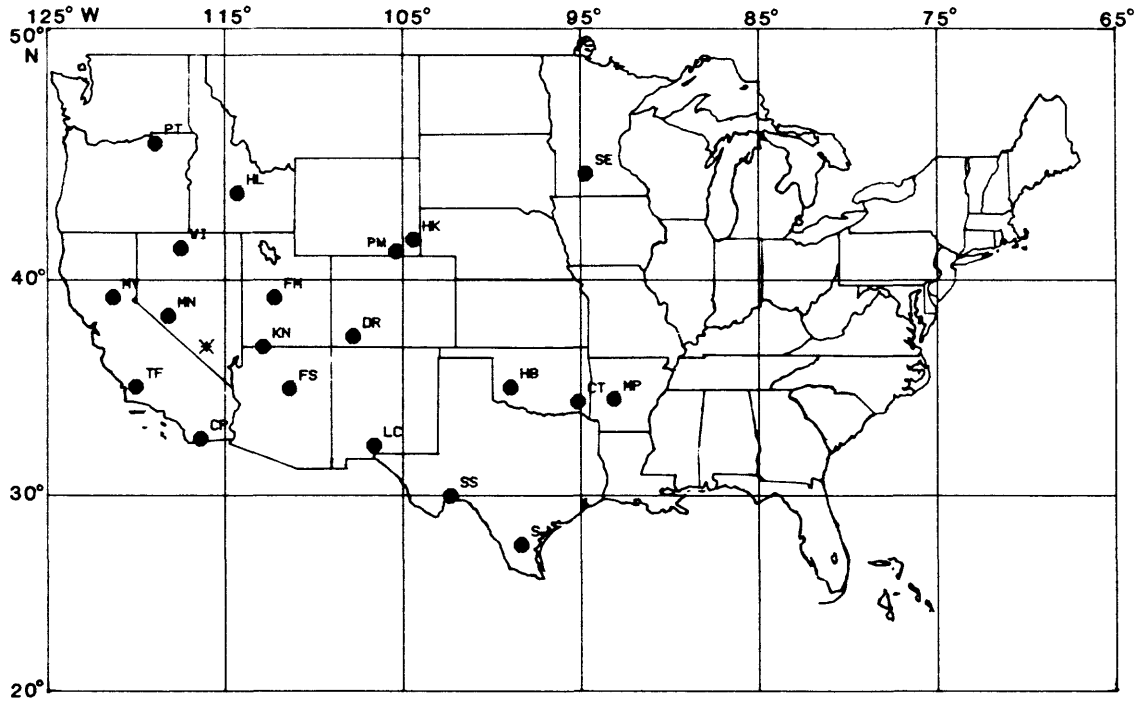
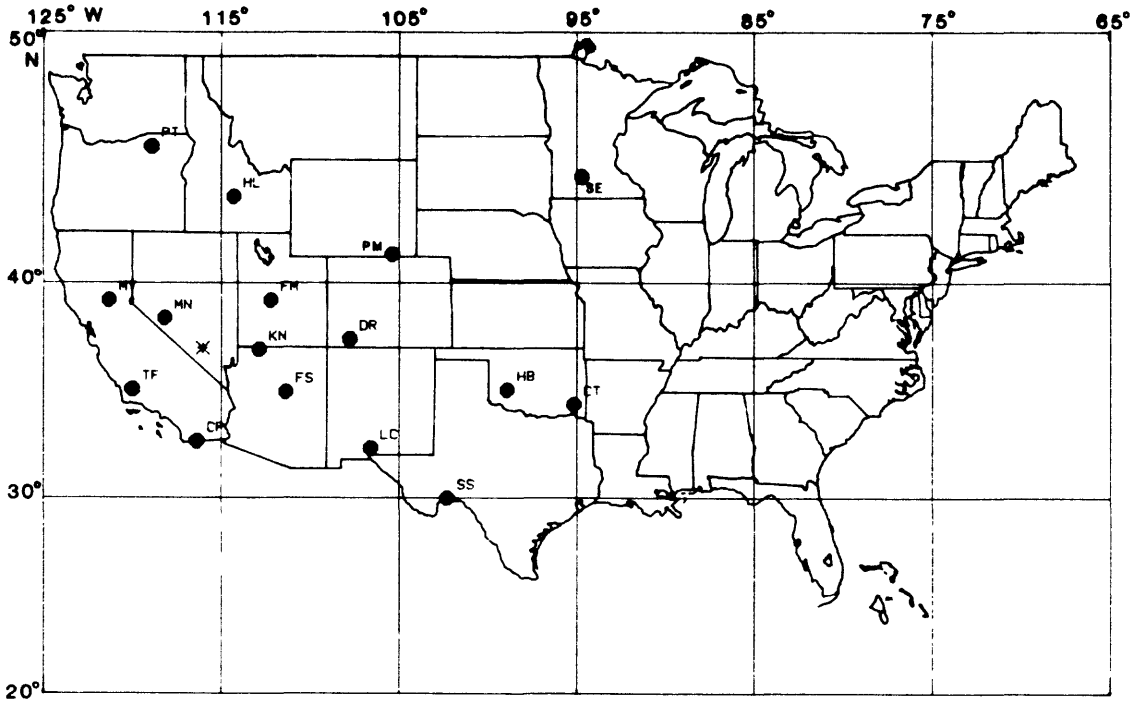


Figure 22

20 Sep 1962; MB= 4.4



29 Sep 1962; MB= 4.0

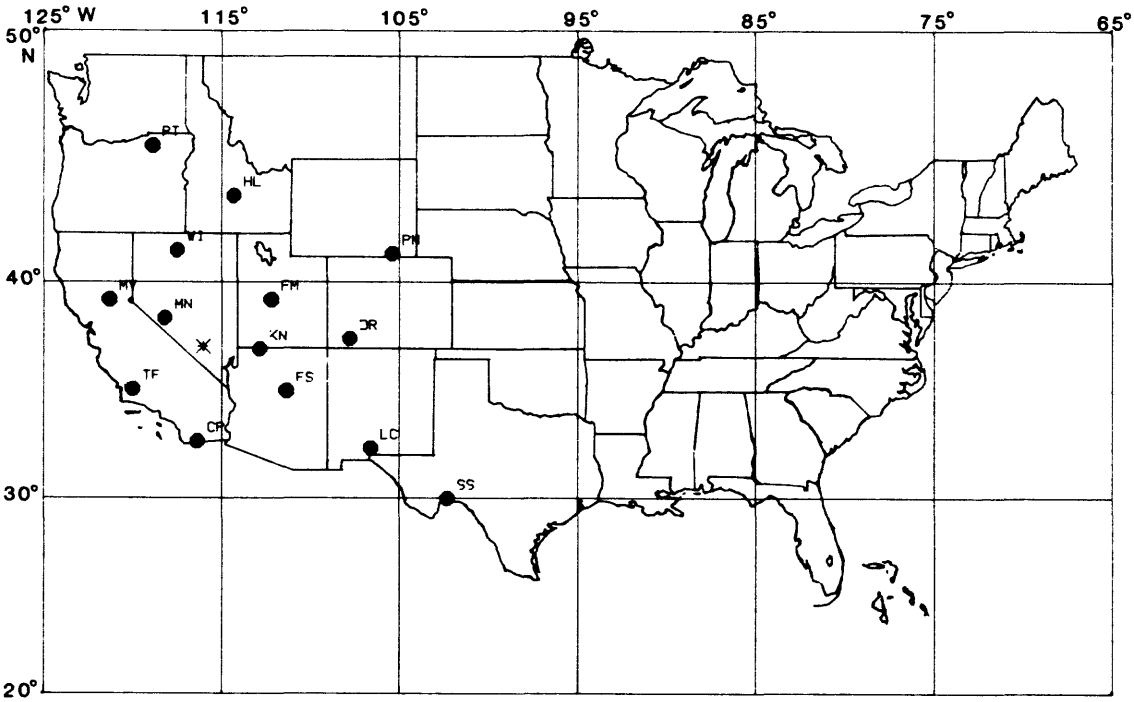
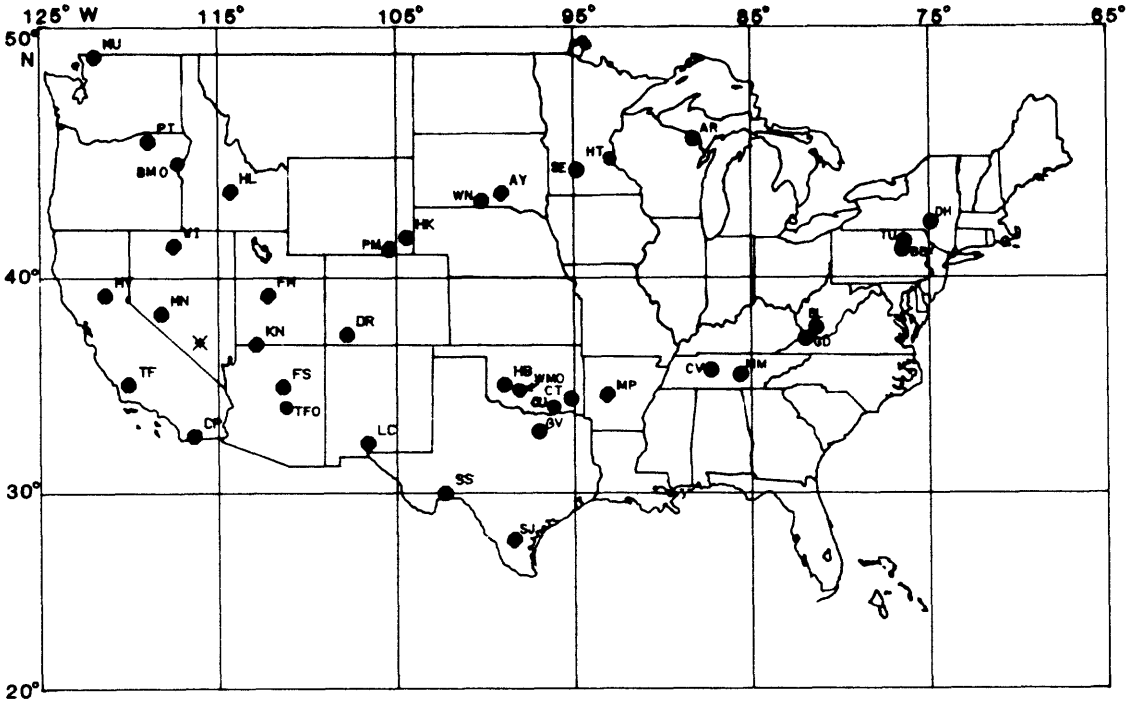


Figure 23

5 Oct 1962; MB= 5.1



12 Oct 1962; MB= 3.9

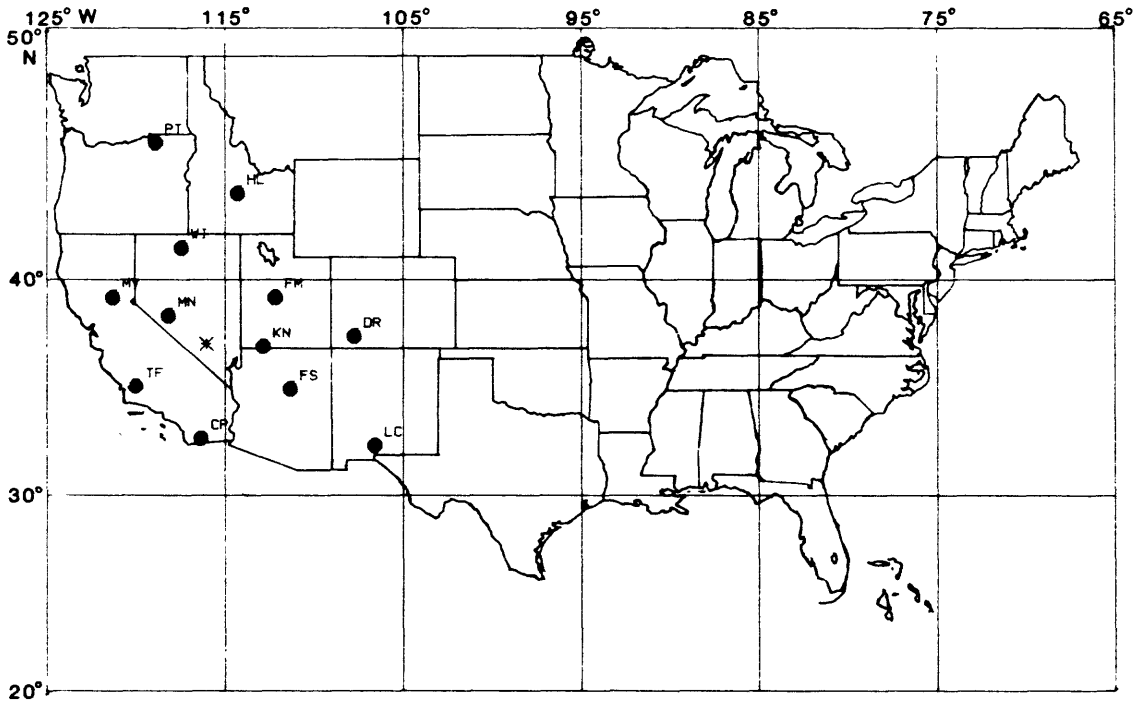
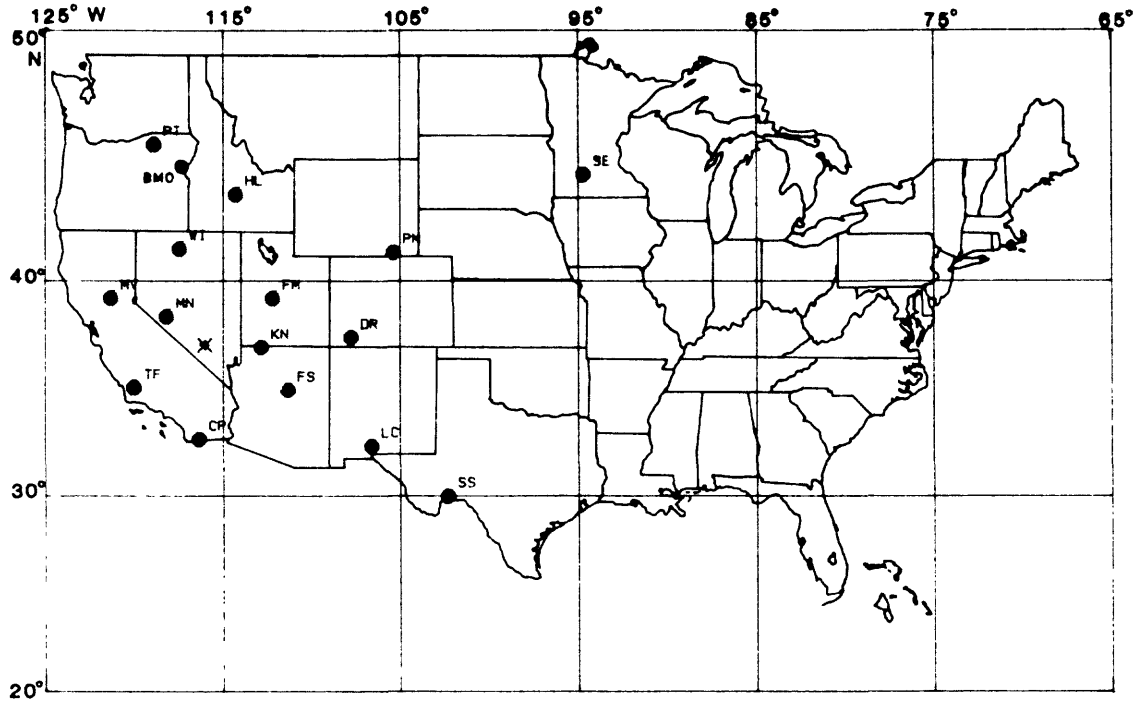


Figure 24

27 Oct 1962; MB= 4.2



6 Nov 1962; MB= 4.8

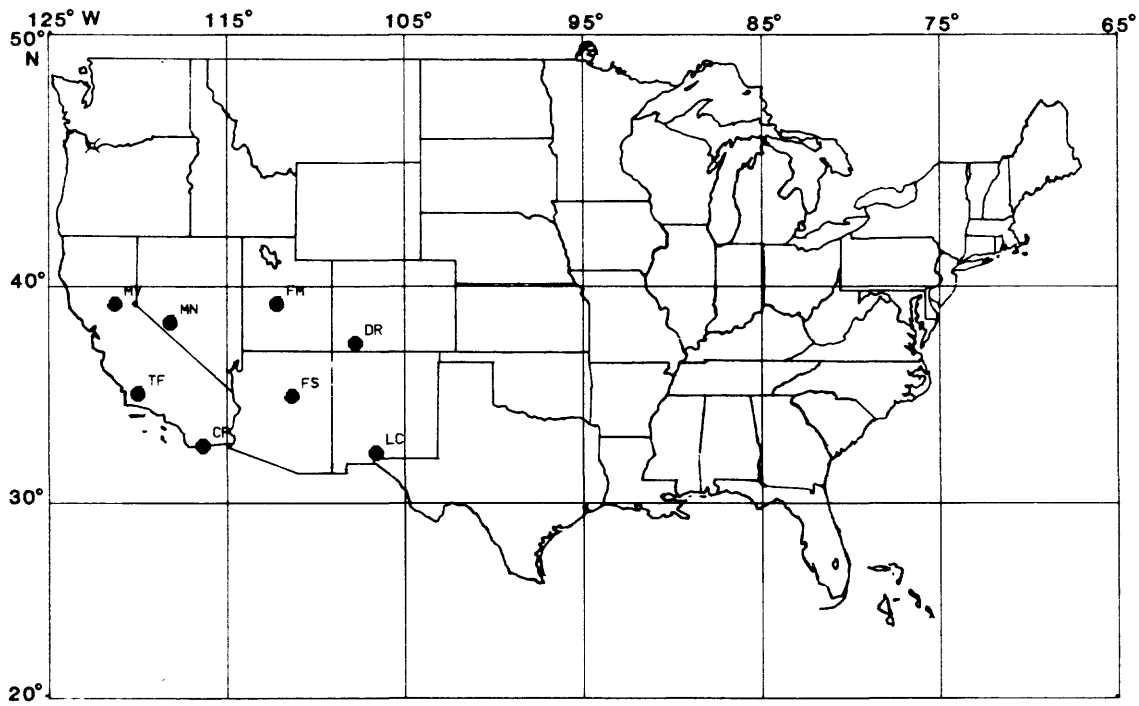
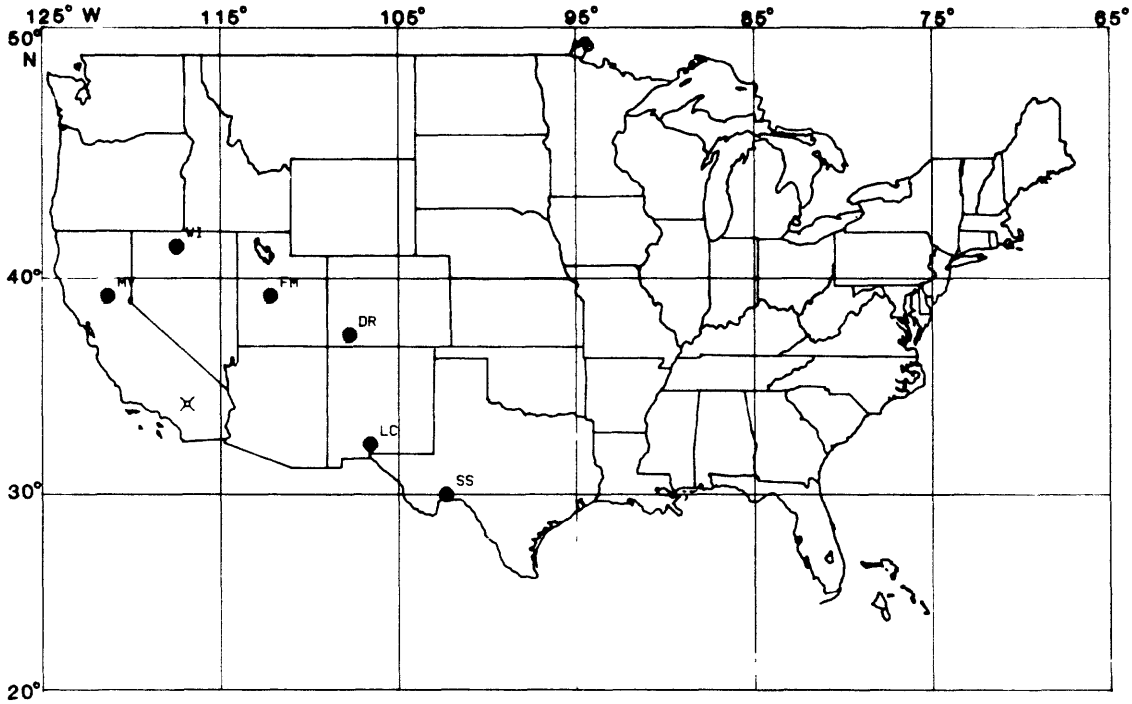


Figure 25

30 Nov 1962; ML= 4.3



5 Dec 1962; MB= 4.0

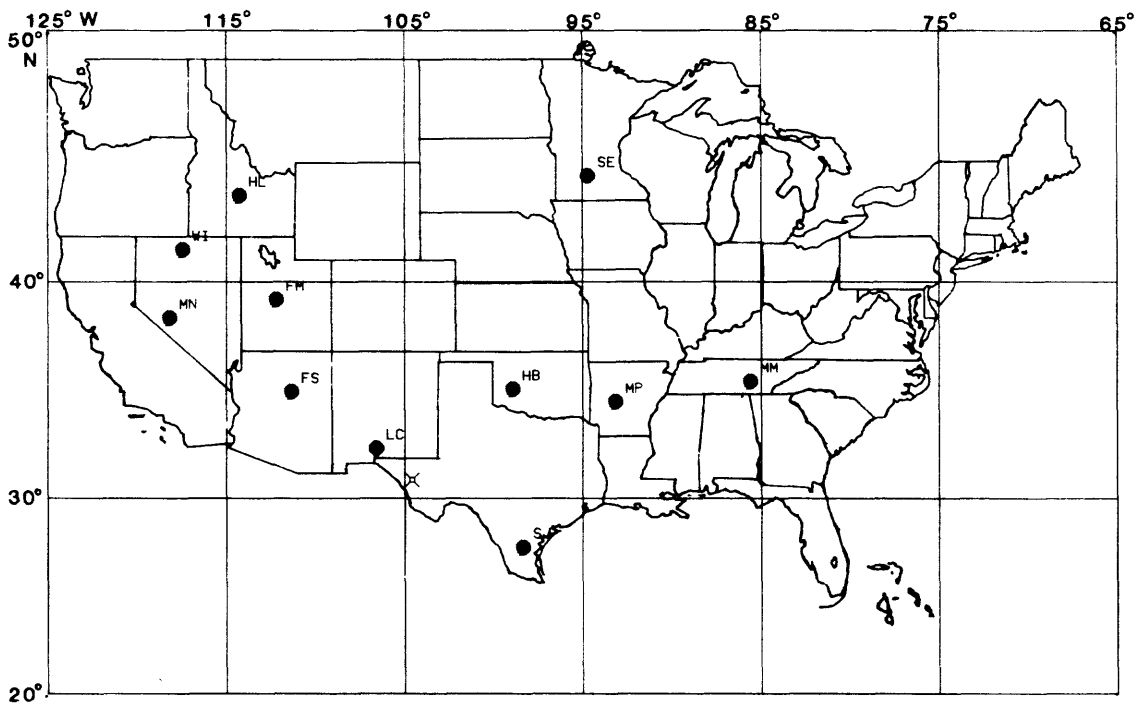
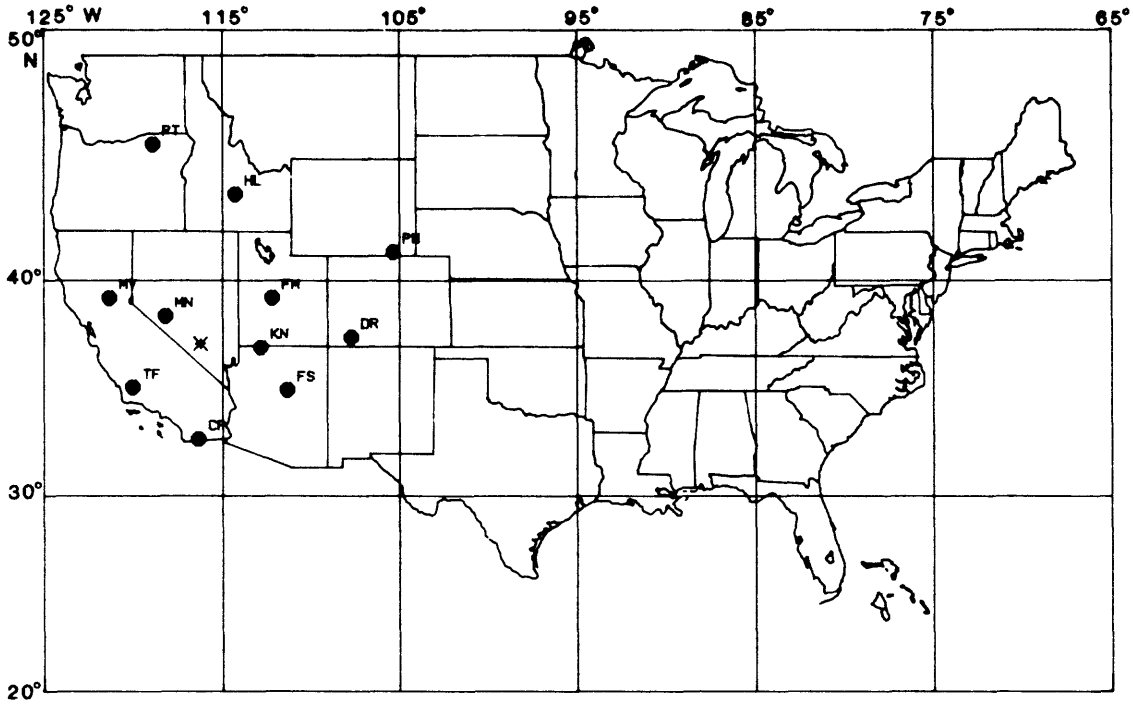


Figure 26

12 Dec 1962; MB= 4.5



8 Feb 1963; MB= 4.6

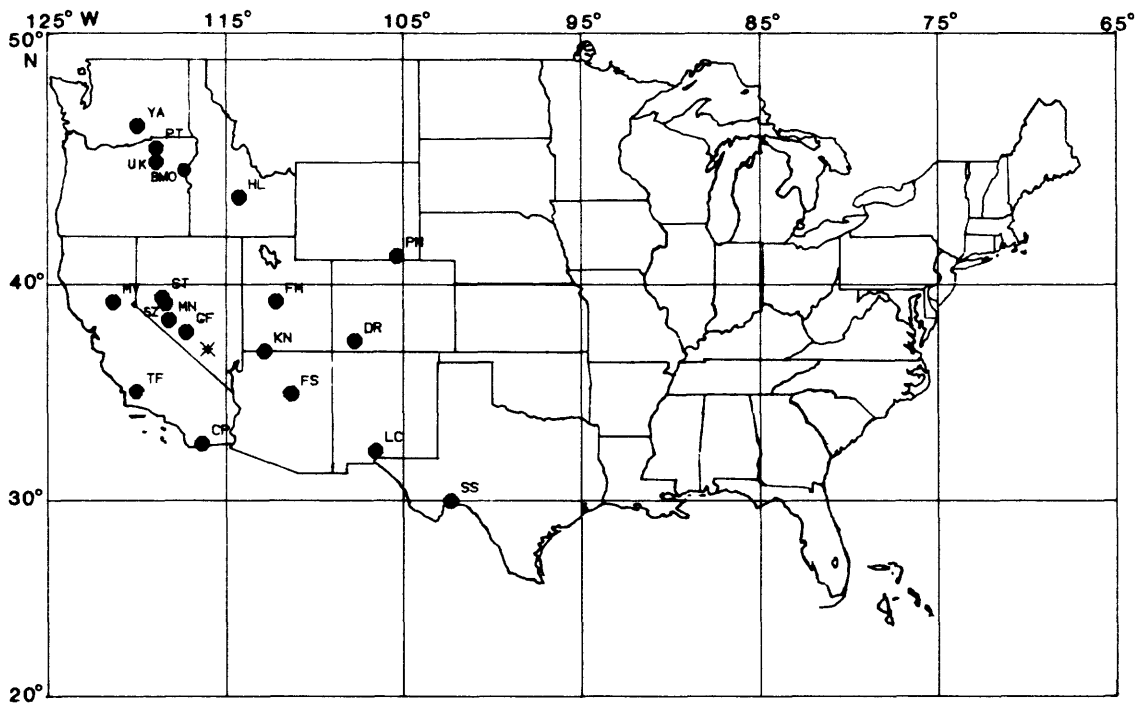
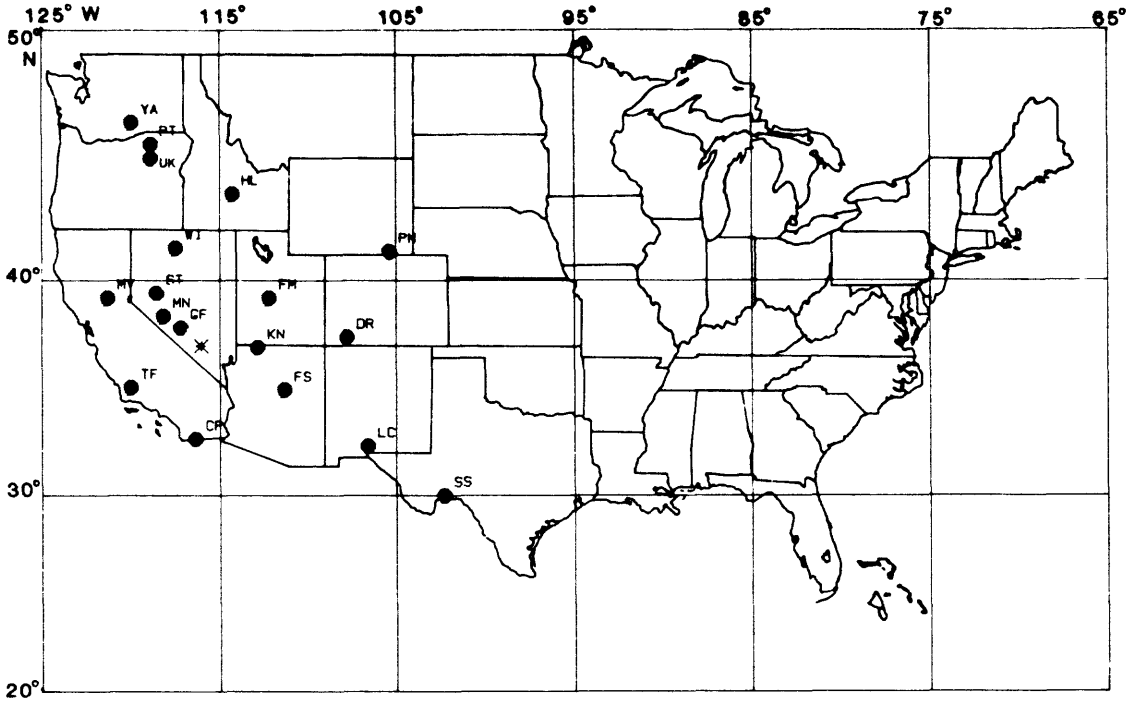


Figure 27

8 Feb 1963; MB= 4.4



21 Feb 1963; MB= 4.1

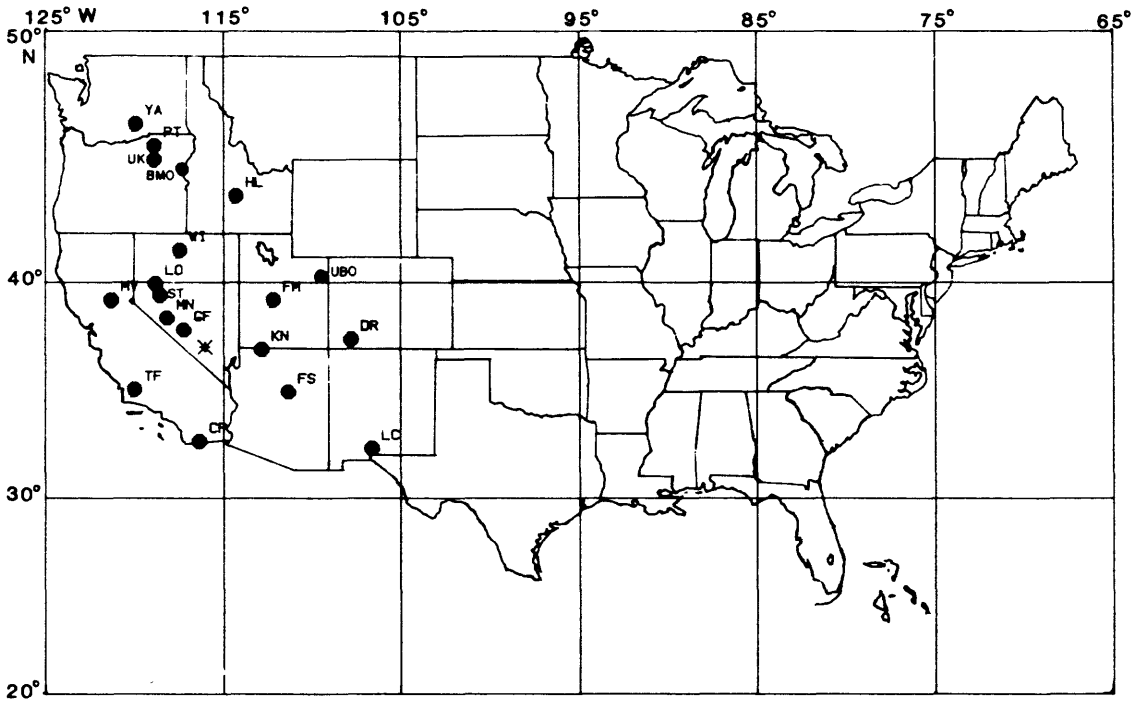
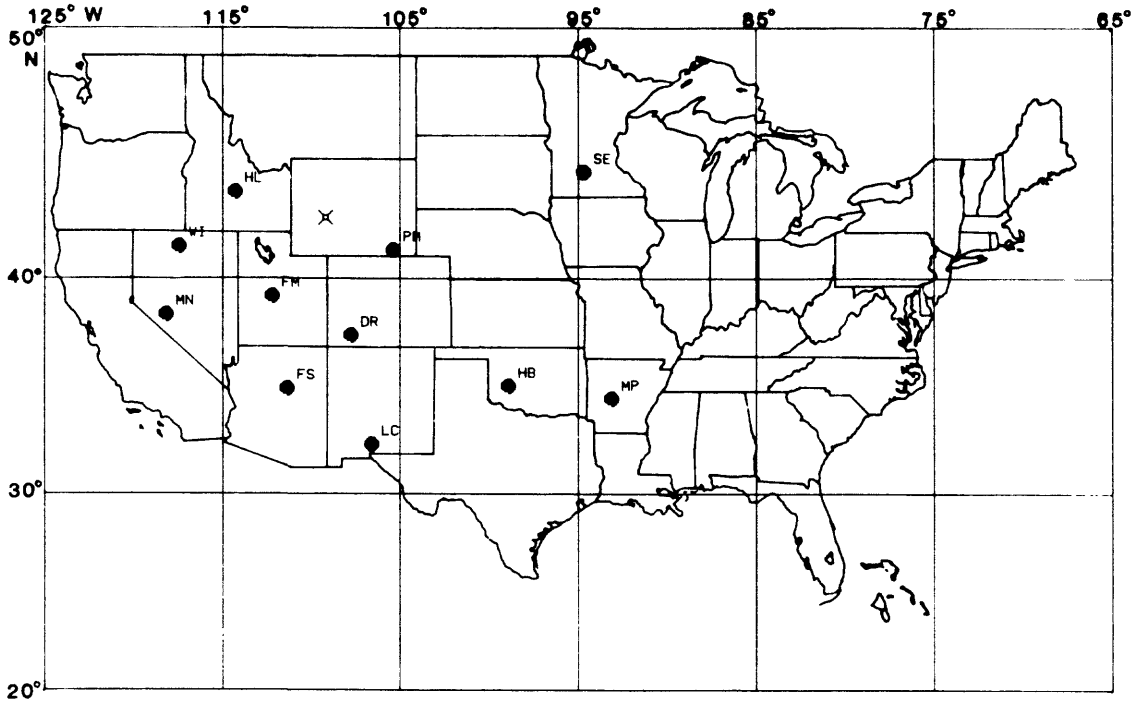


Figure 28

25 Feb 1963; MB= 4.3



26 Apr 1963; ML= 4.0

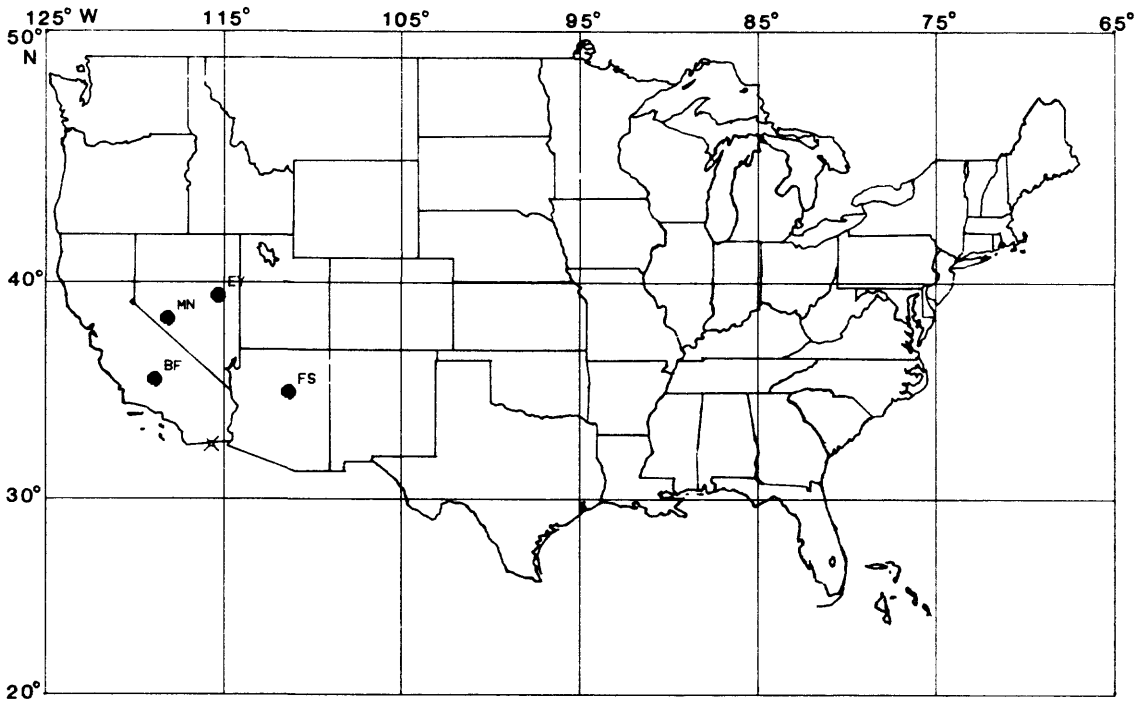
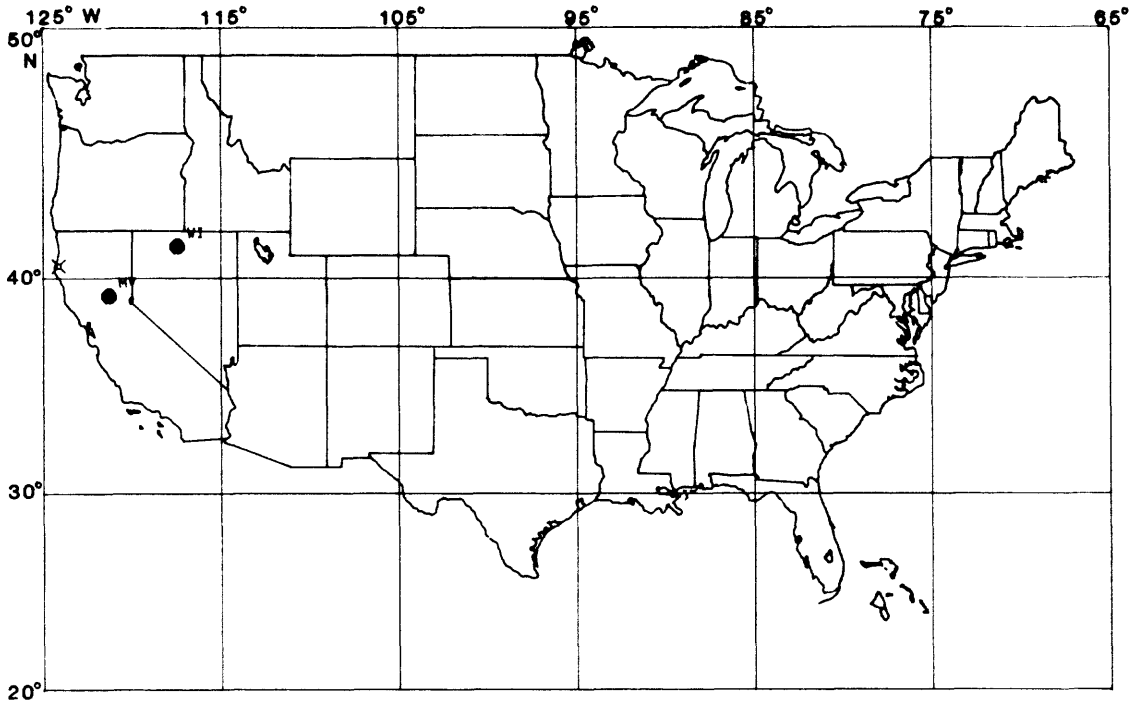


Figure 29

9 May 1963; ML= 4.0



22 May 1963; MB= 4.9

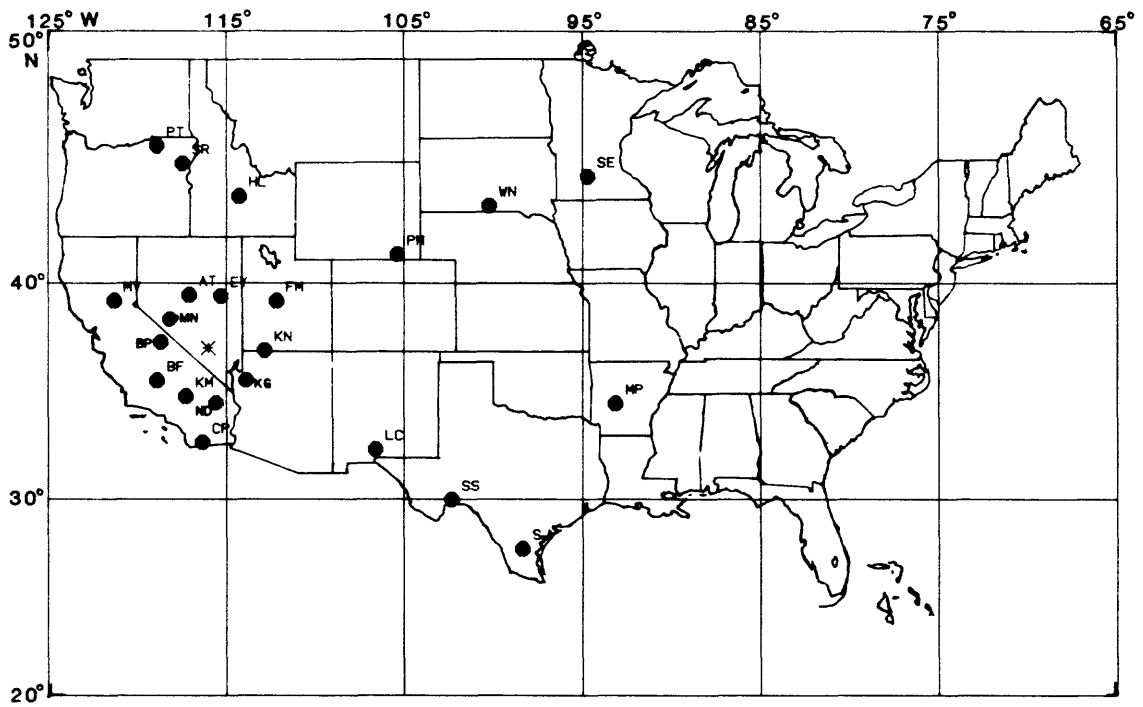
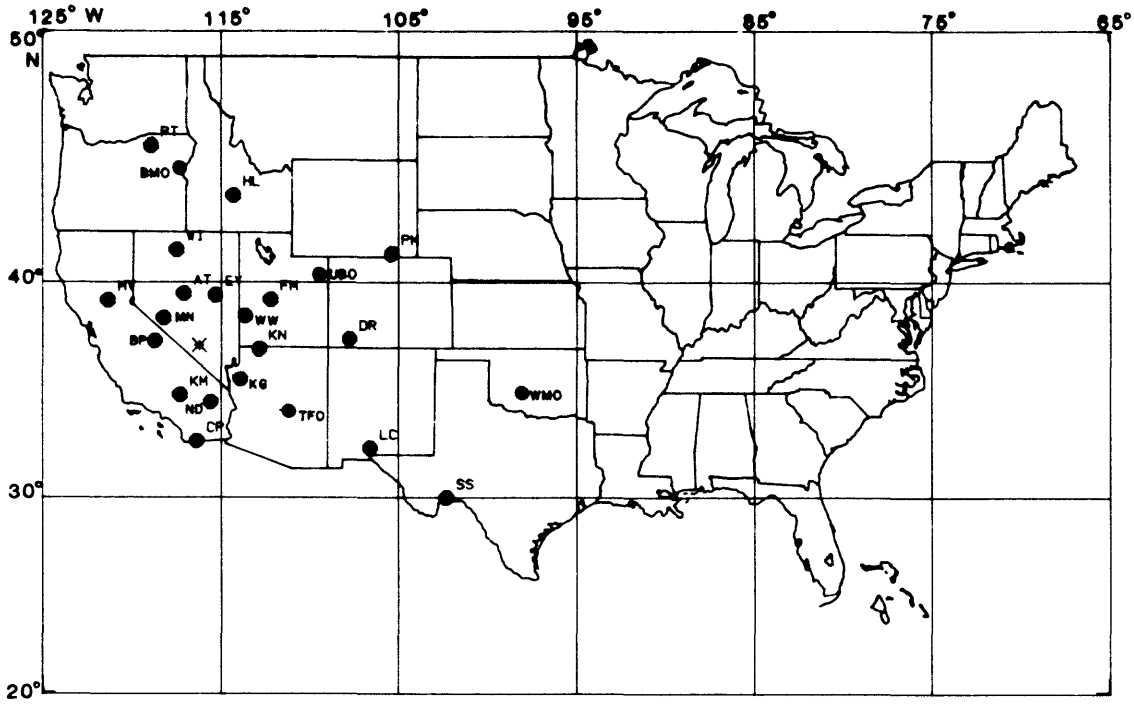


Figure 30

5 Jun 1963; MB= 4.4



8 Jul 1963; MB= 4.1

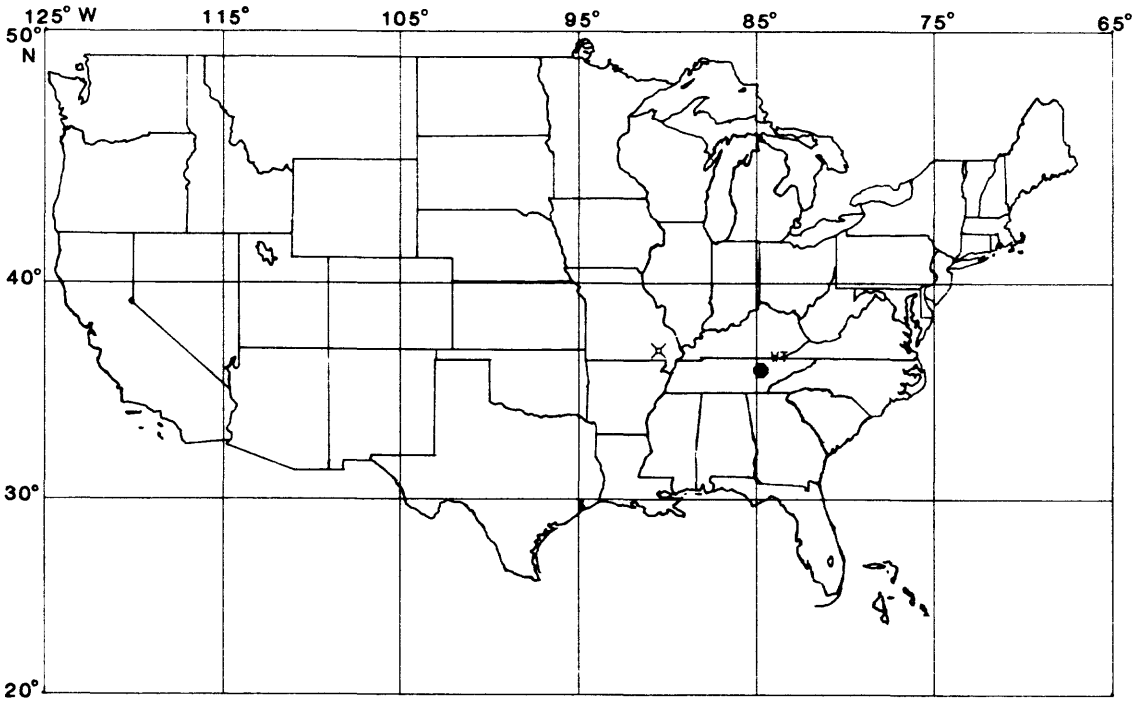
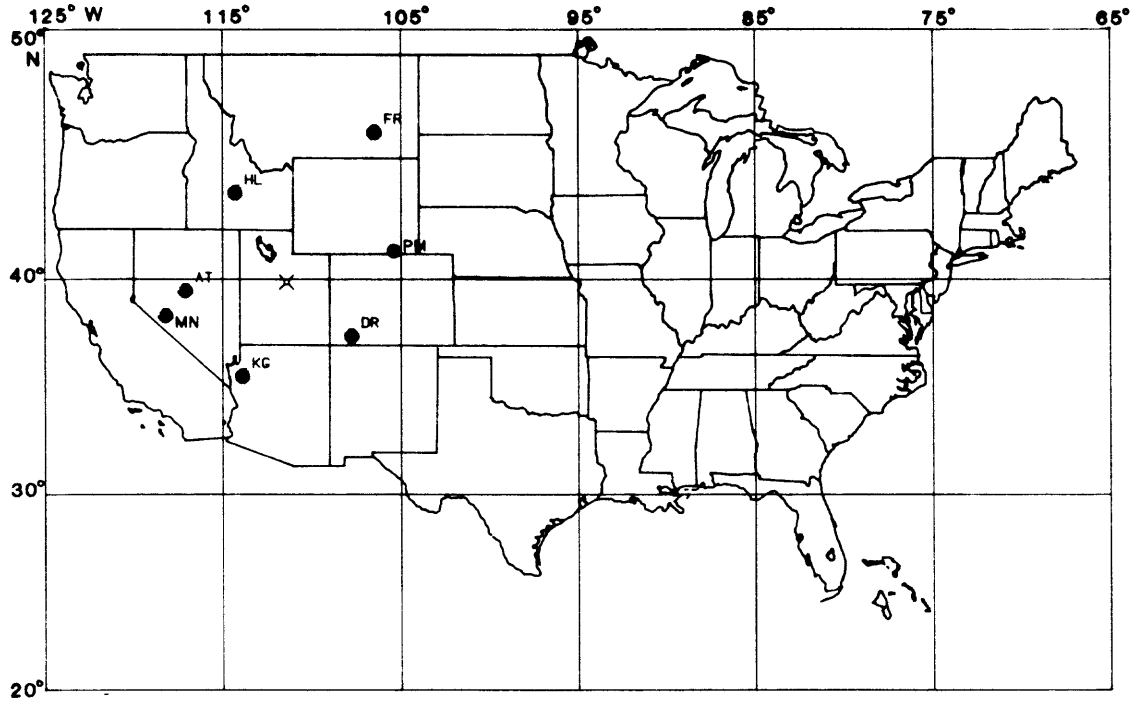


Figure 31

10 Jul 1963; MB= 4.2



6 Sep 1963; MB= 4.1

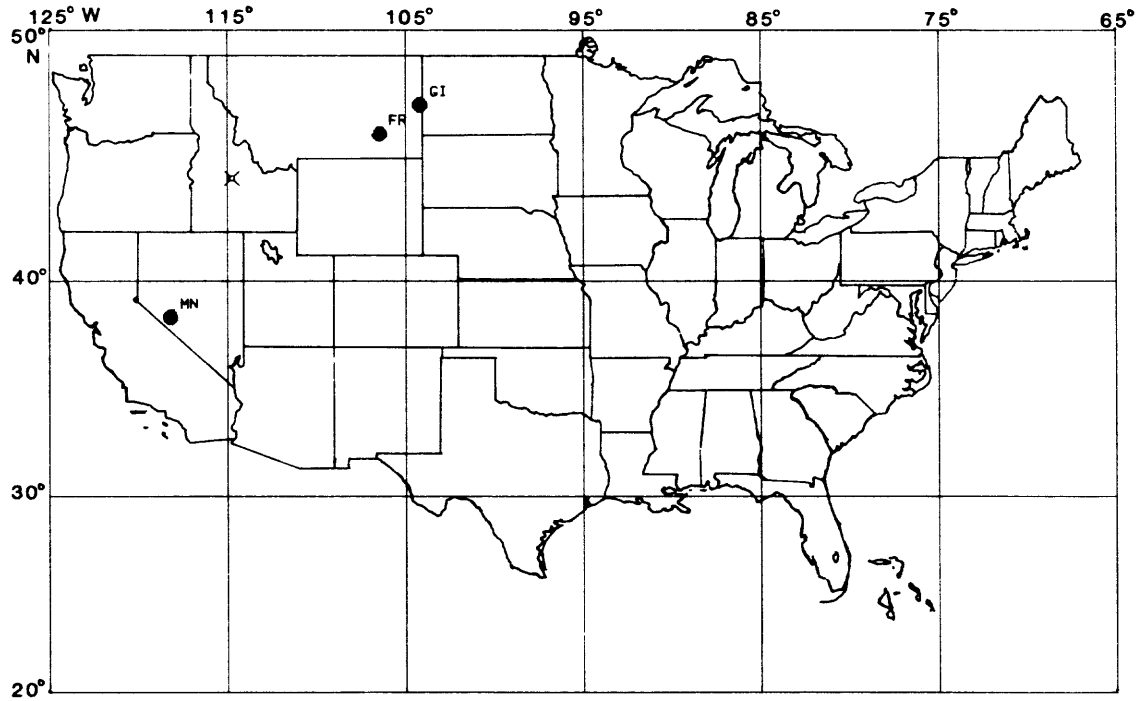
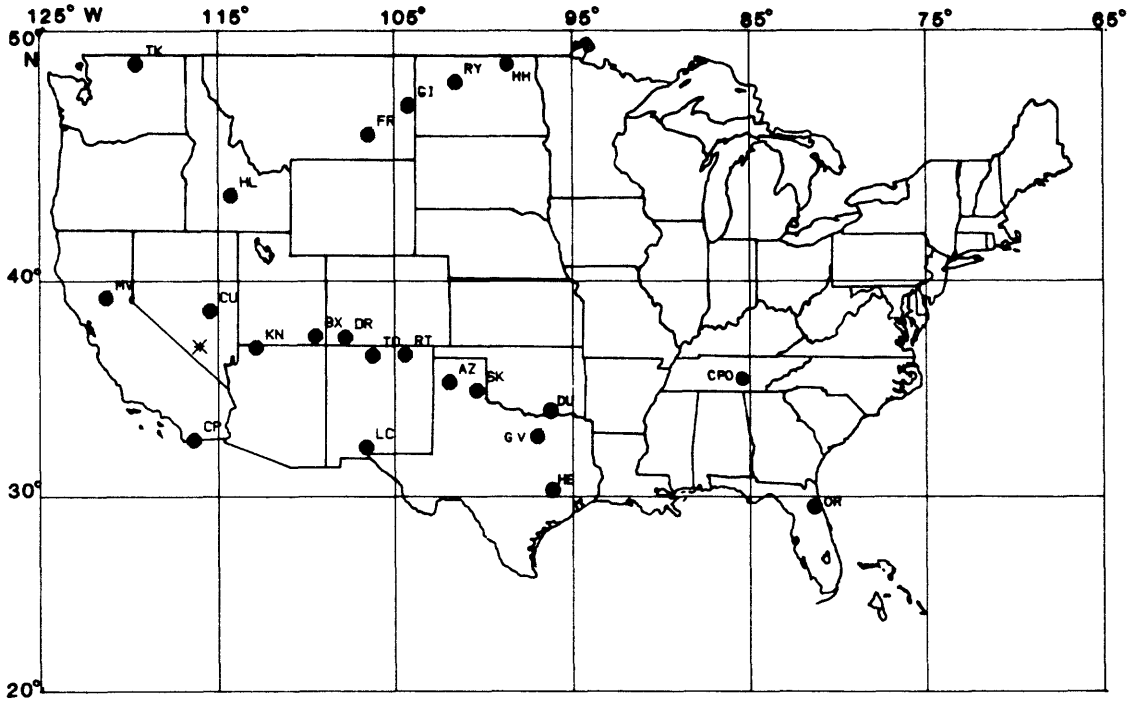


Figure 32

13 Sep 1963; MB= 5.8



30 Sep 1963; ML= 4.5

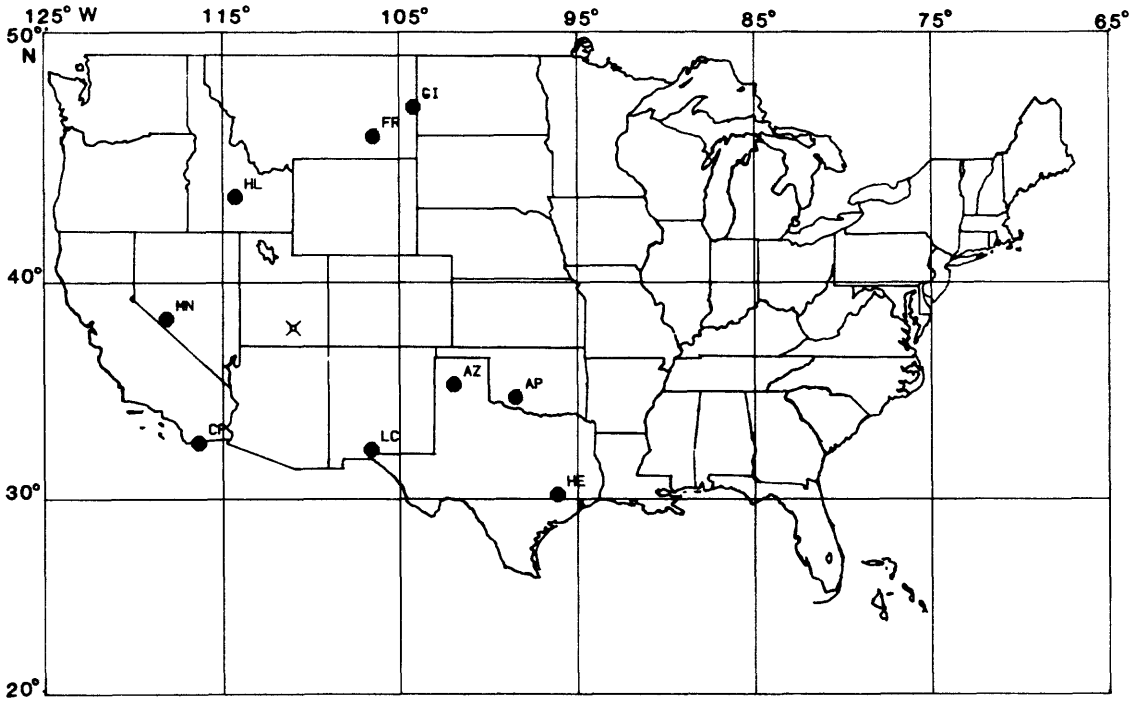
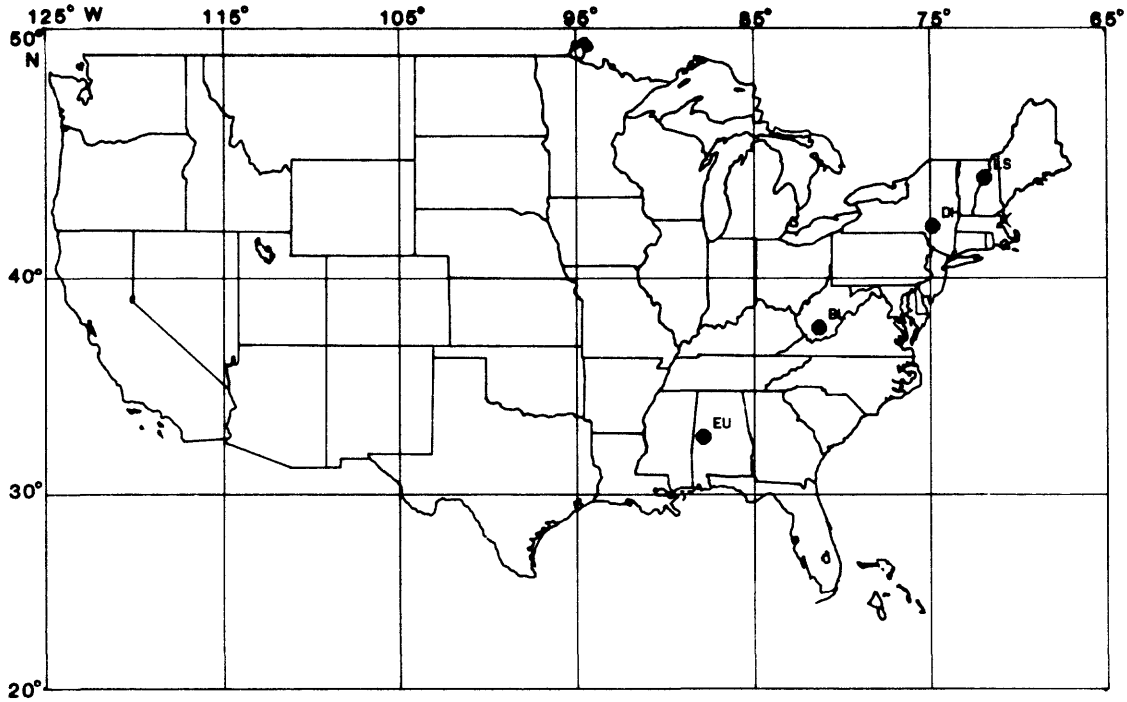


Figure 33

16 Oct 1963; MB= 4.5



16 Oct 1963; MB= 5.3

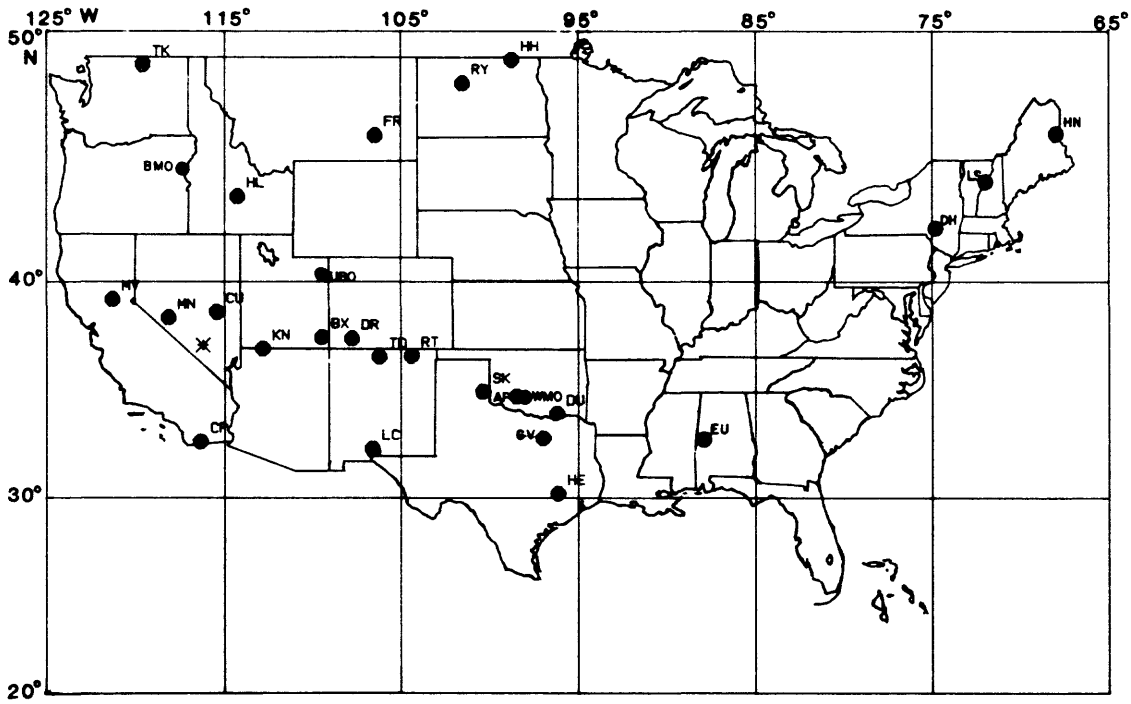
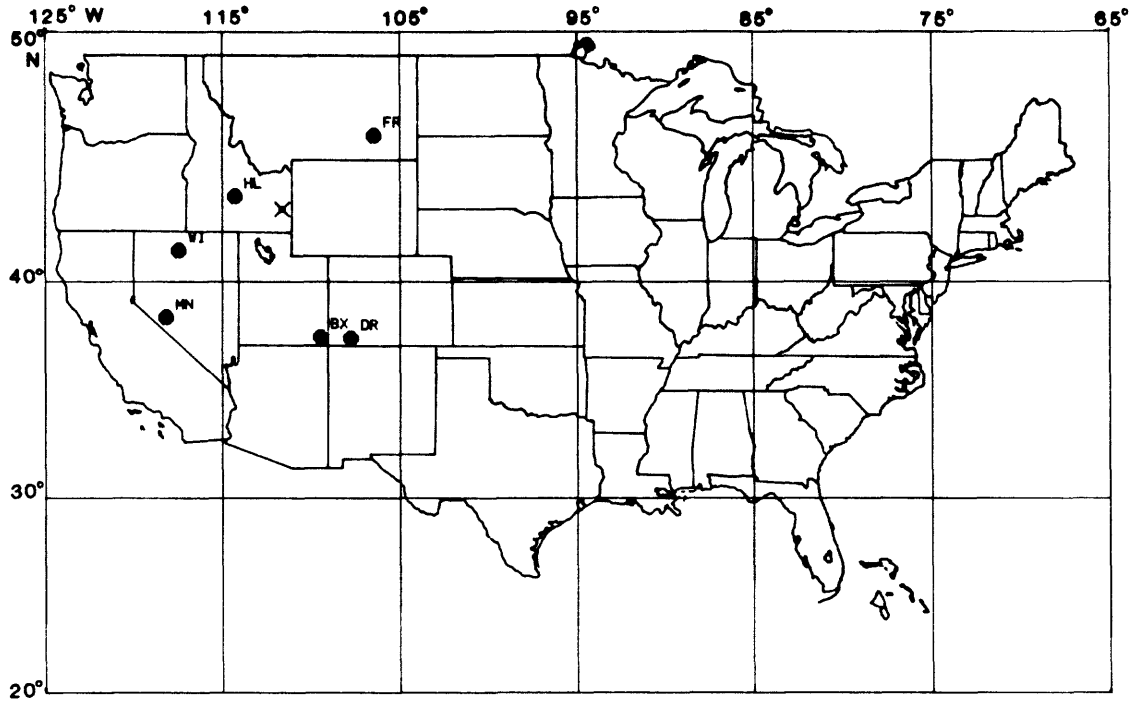


Figure 34

29 Oct 1963; MB= 4.0



29 Oct 1963; ML= 4.3

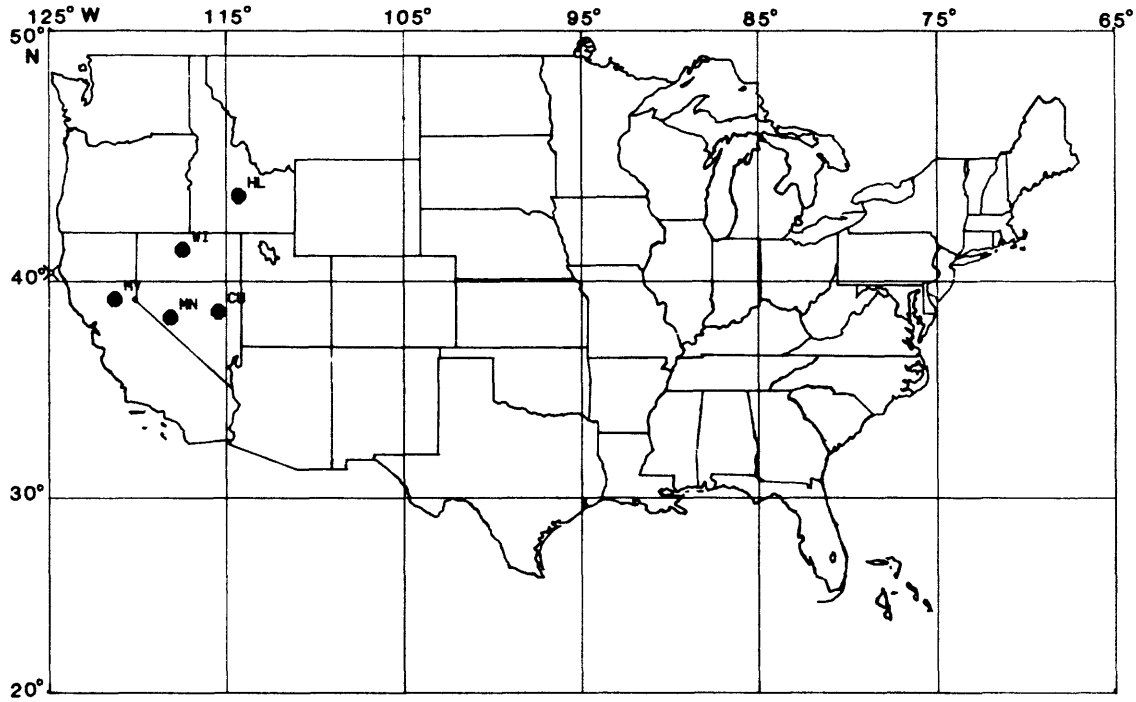
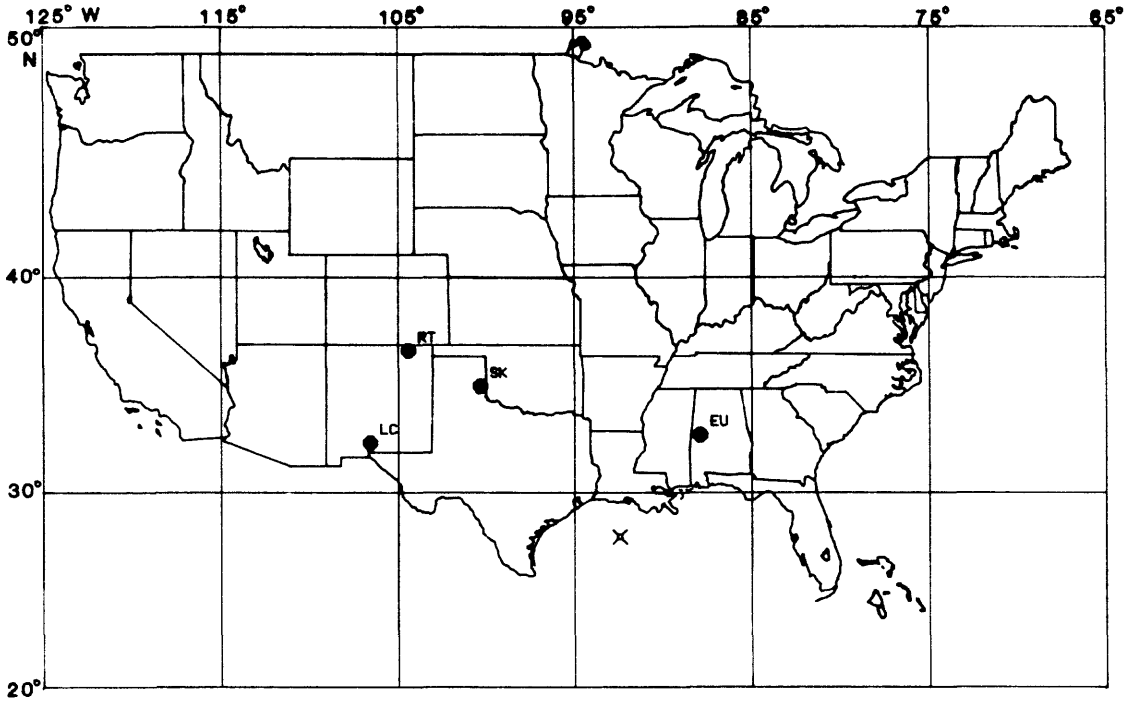


Figure 35

5 Nov 1963; MB= 4.8



23 Nov 1963; ML= 5.9

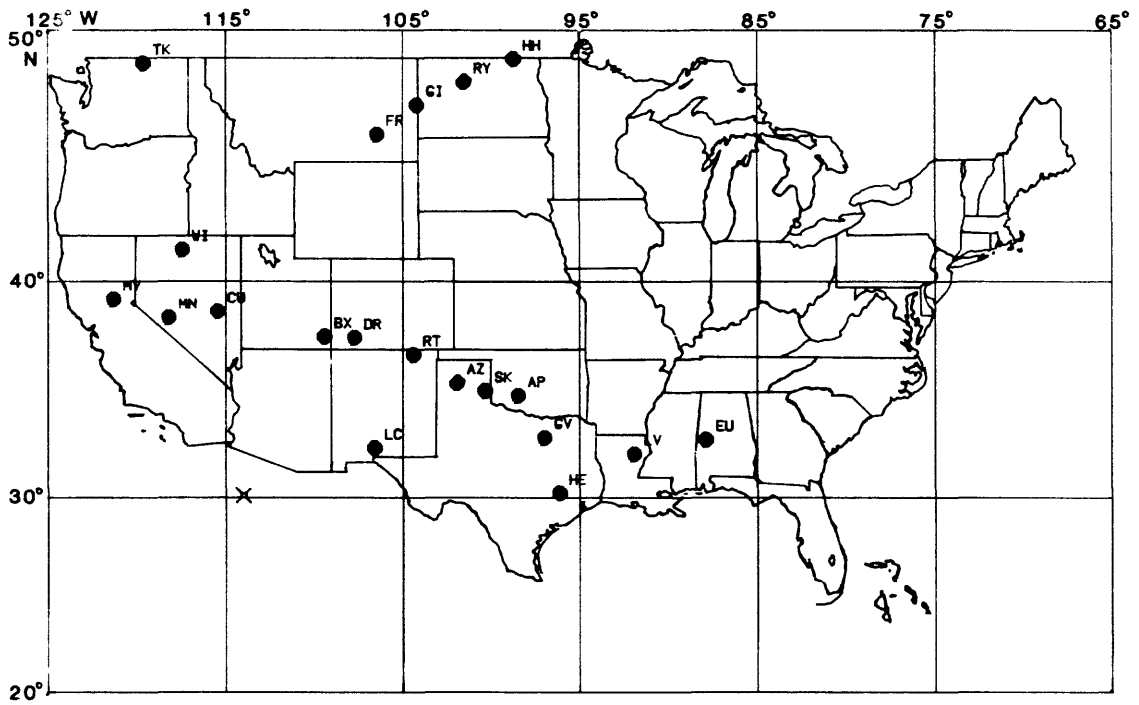
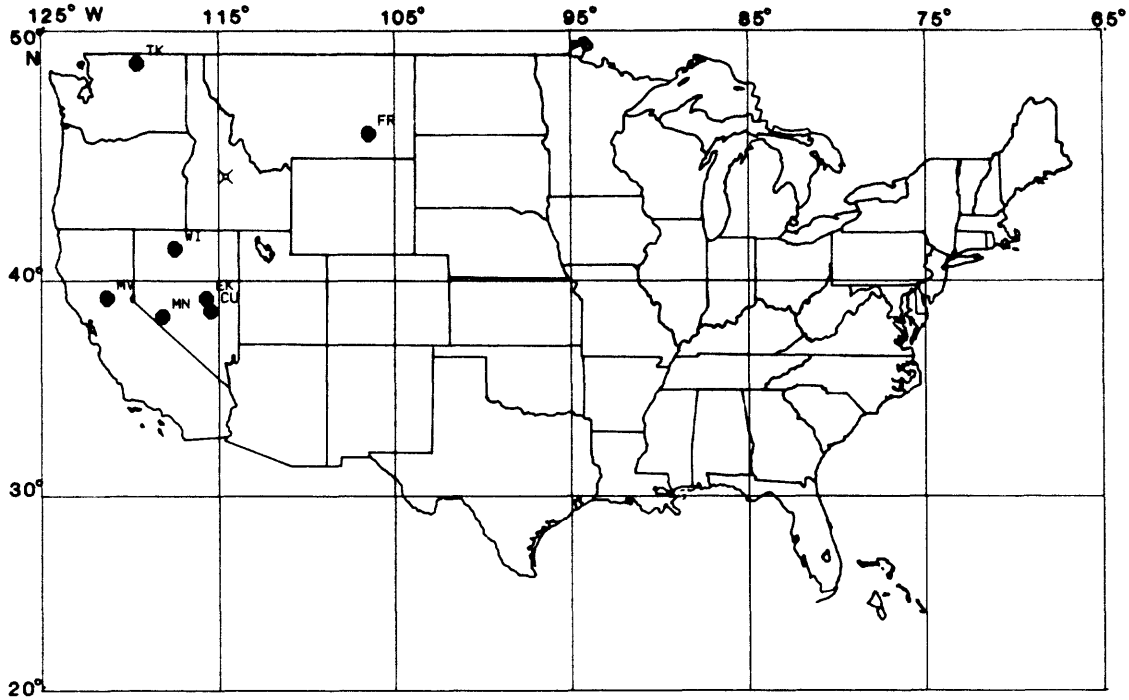


Figure 36

22 Dec 1963; MB= 4.4



16 Jan 1964; MB= 4.5

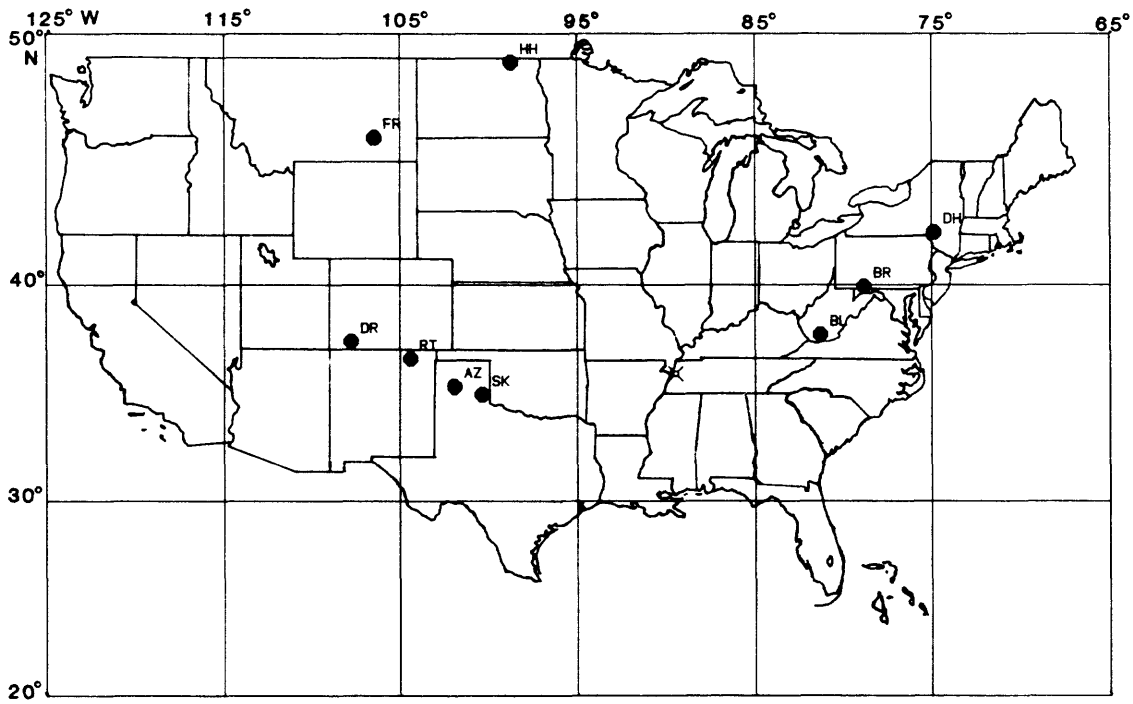
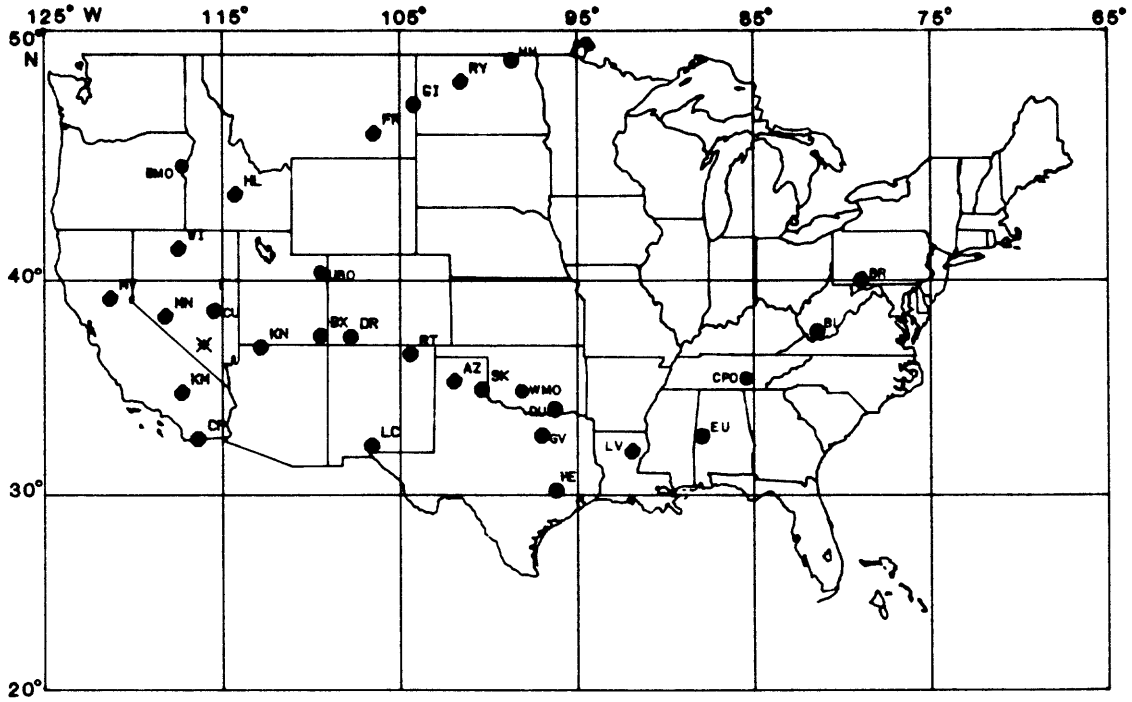


Figure 37

16 Jan 1964; MB= 5.2



28 Jan 1964; MB= 4.2

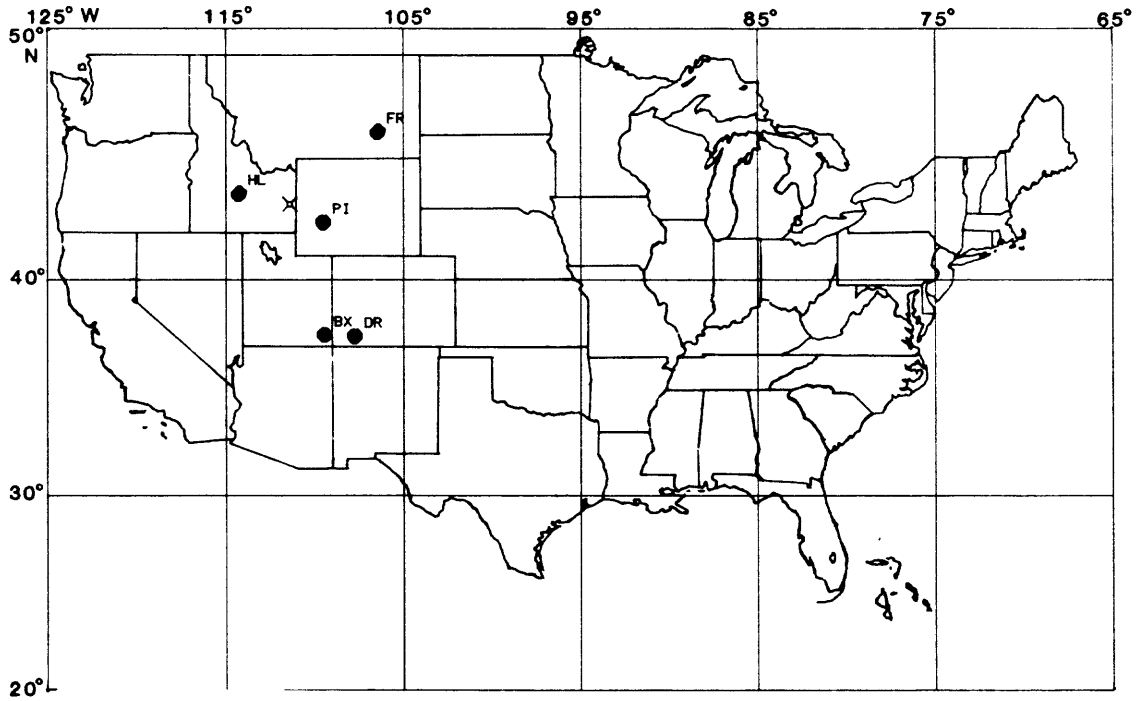
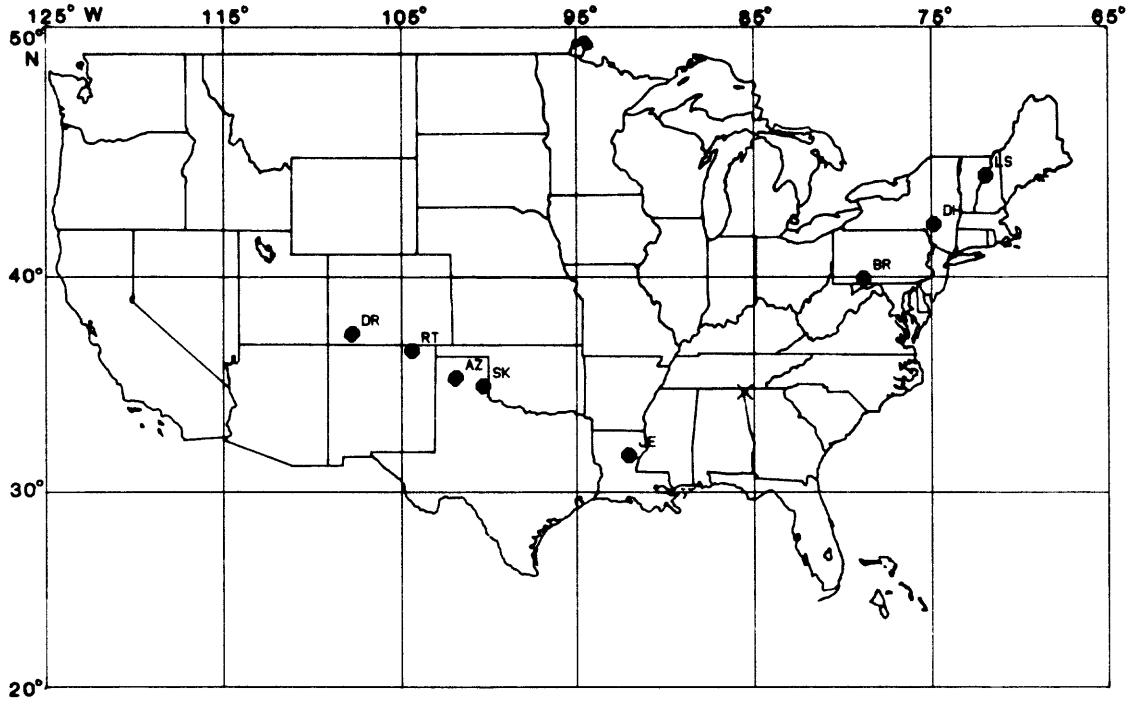


Figure 38

18 Feb 1964; MB= 4.4



20 Feb 1964; MB= 5.0

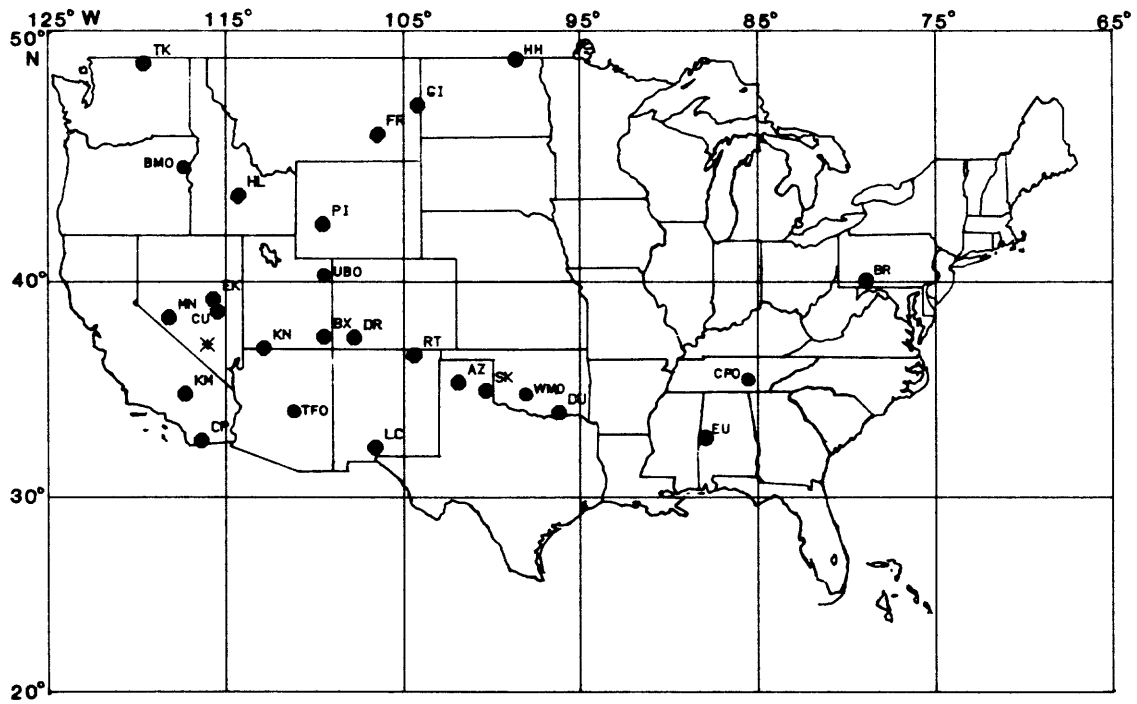
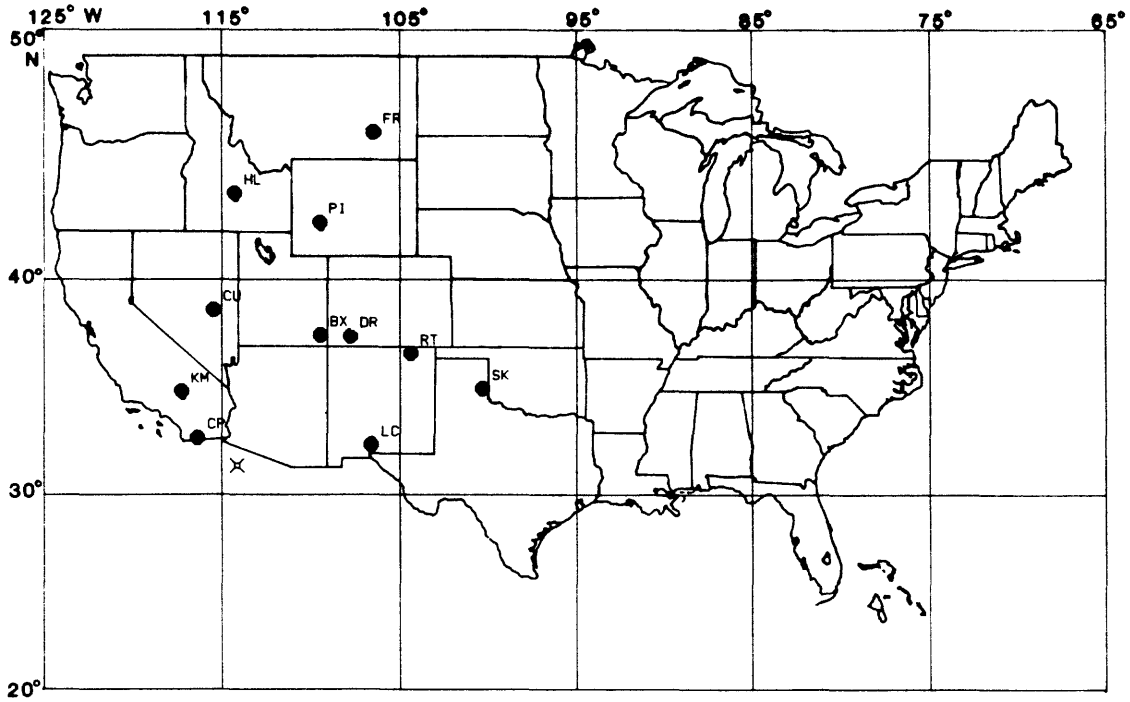


Figure 39

21 Feb 1964; MB= 4.7



25 Feb 1964; MB= 4.8

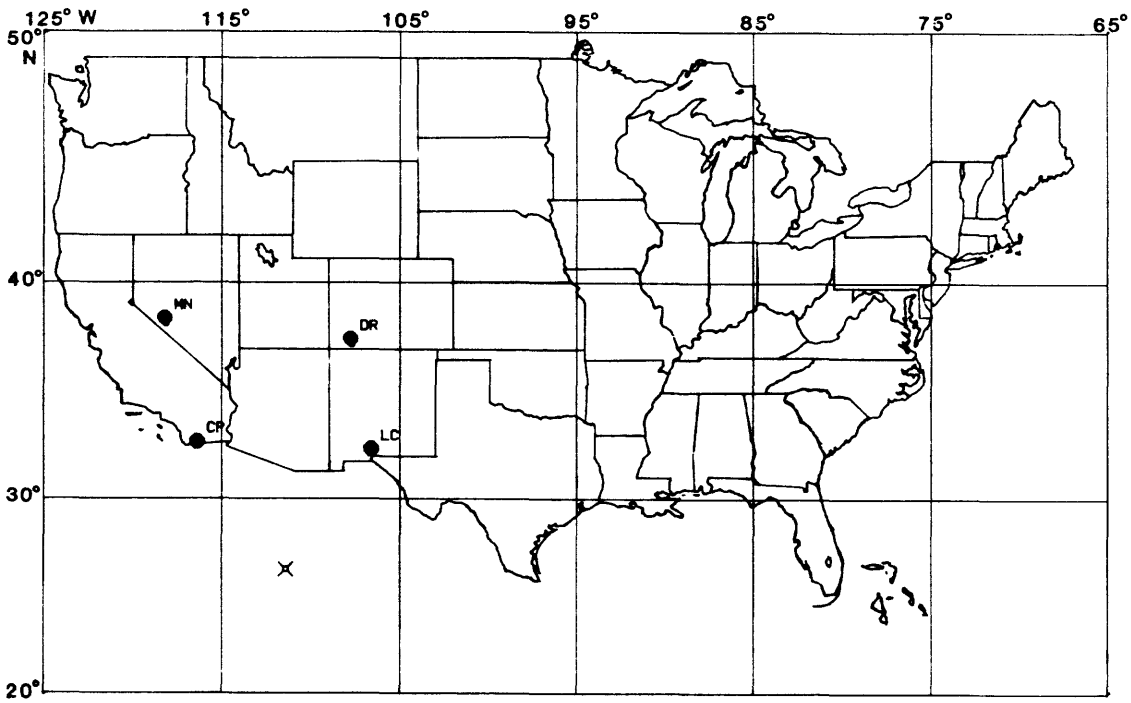
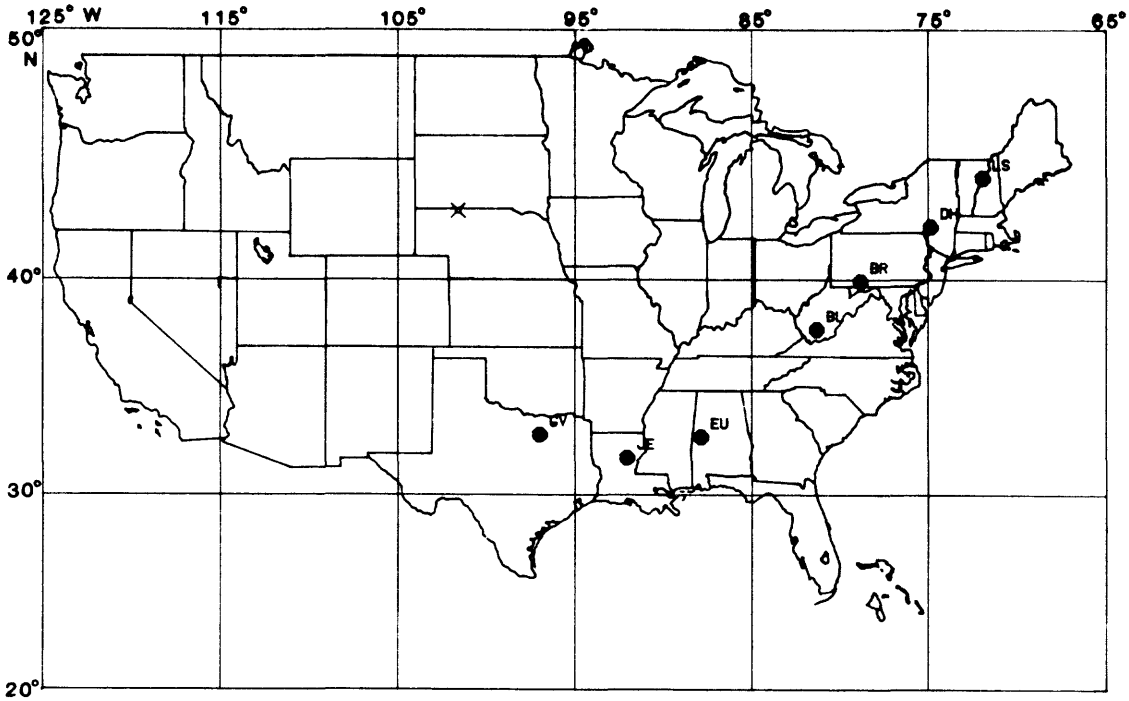


Figure 40

28 Mar 1964; MB= 5.1



24 Apr 1964; MB=5.0

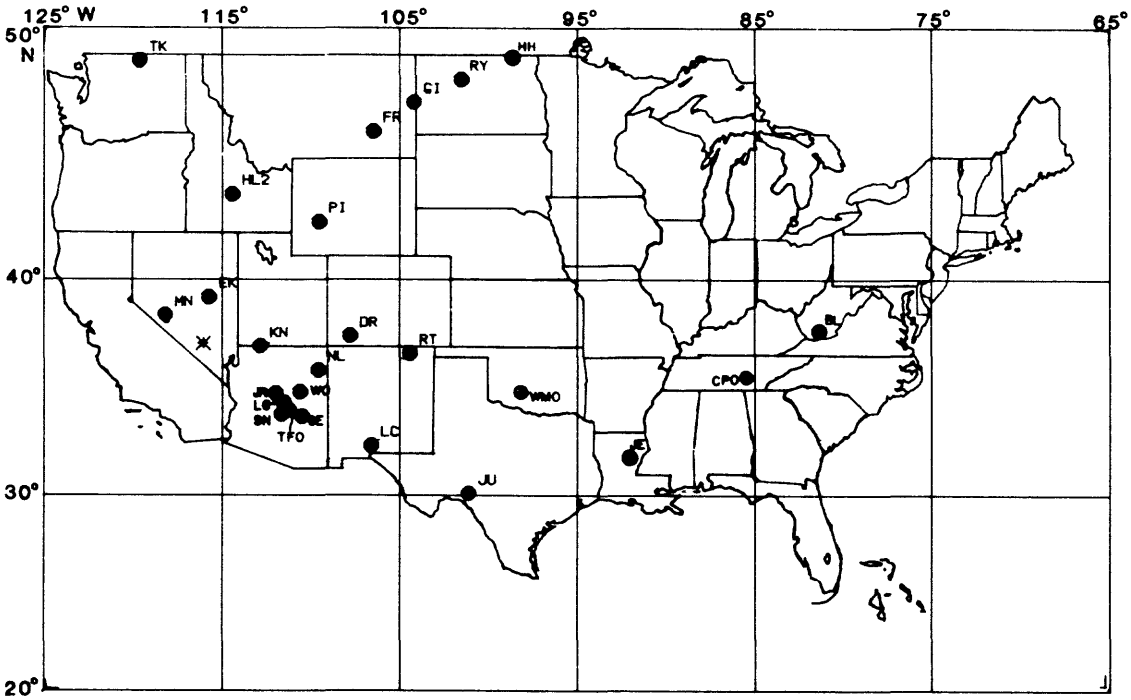
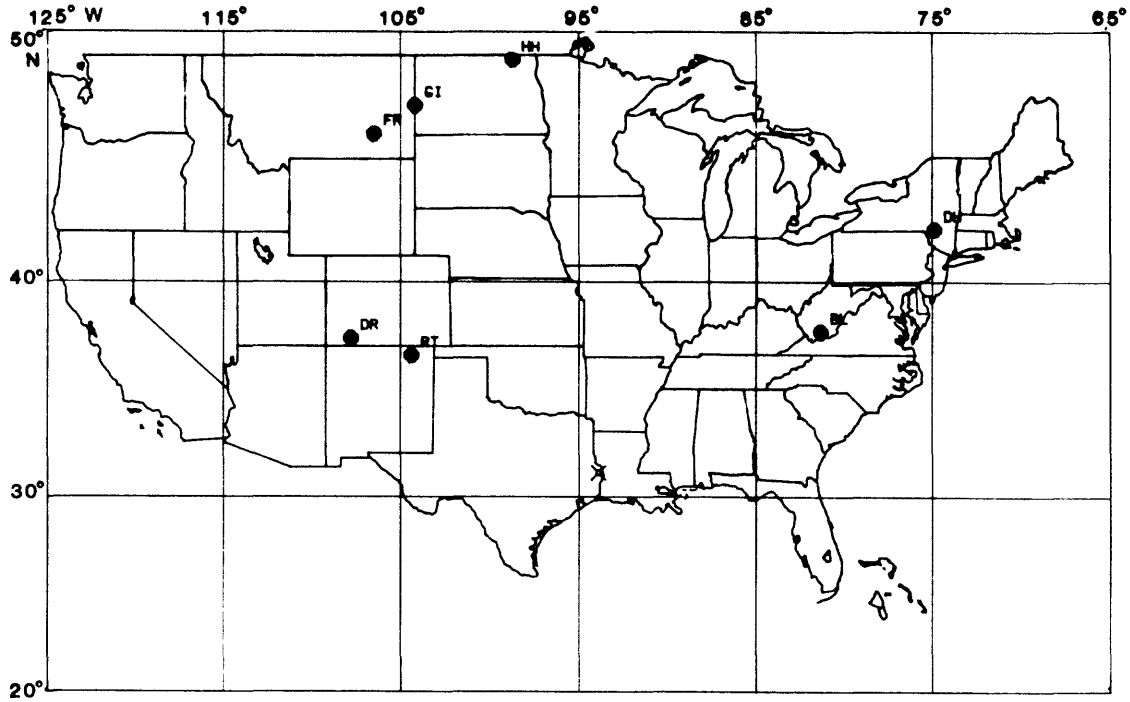


Figure 41

28 Apr 1964; MB= 4.4



23 May 1964; MB= 4.4

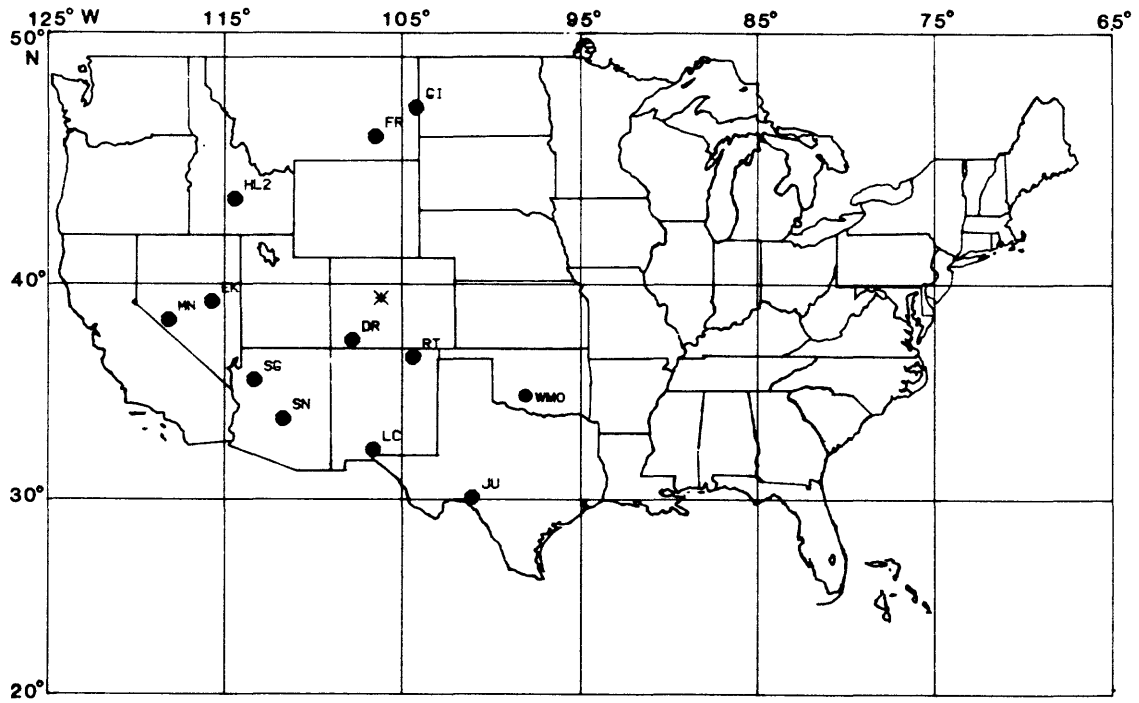
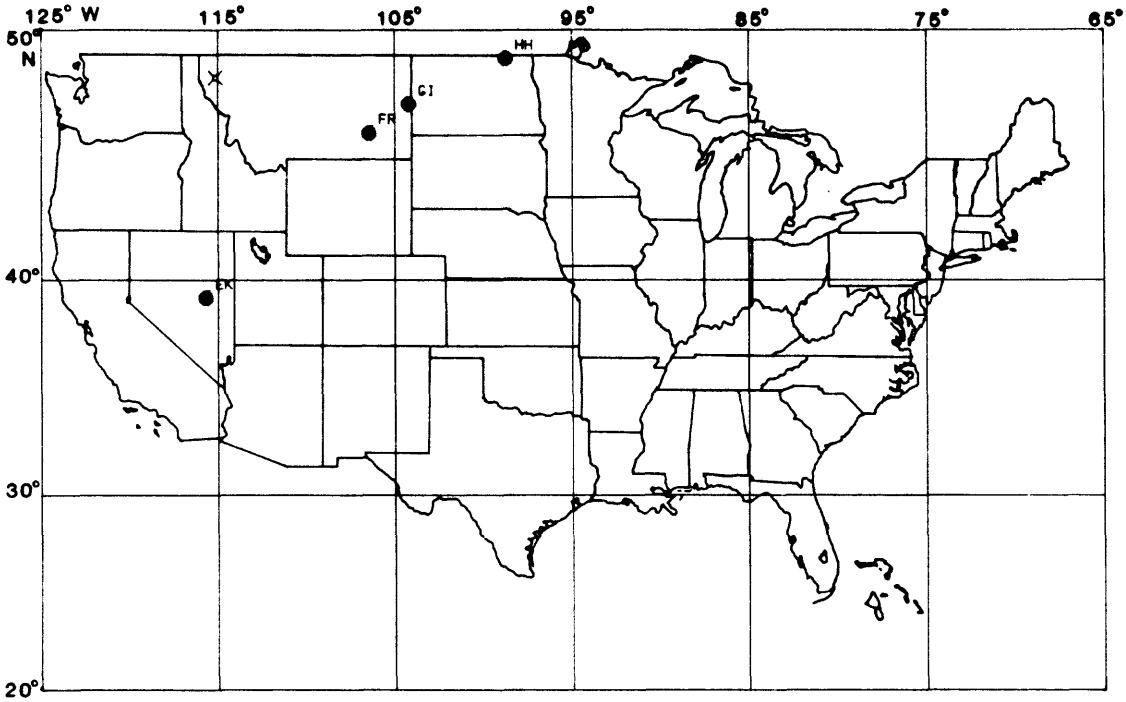


Figure 42

26 Jun 1964; MB= 4.7



17 Sep 1964; MB=4.5

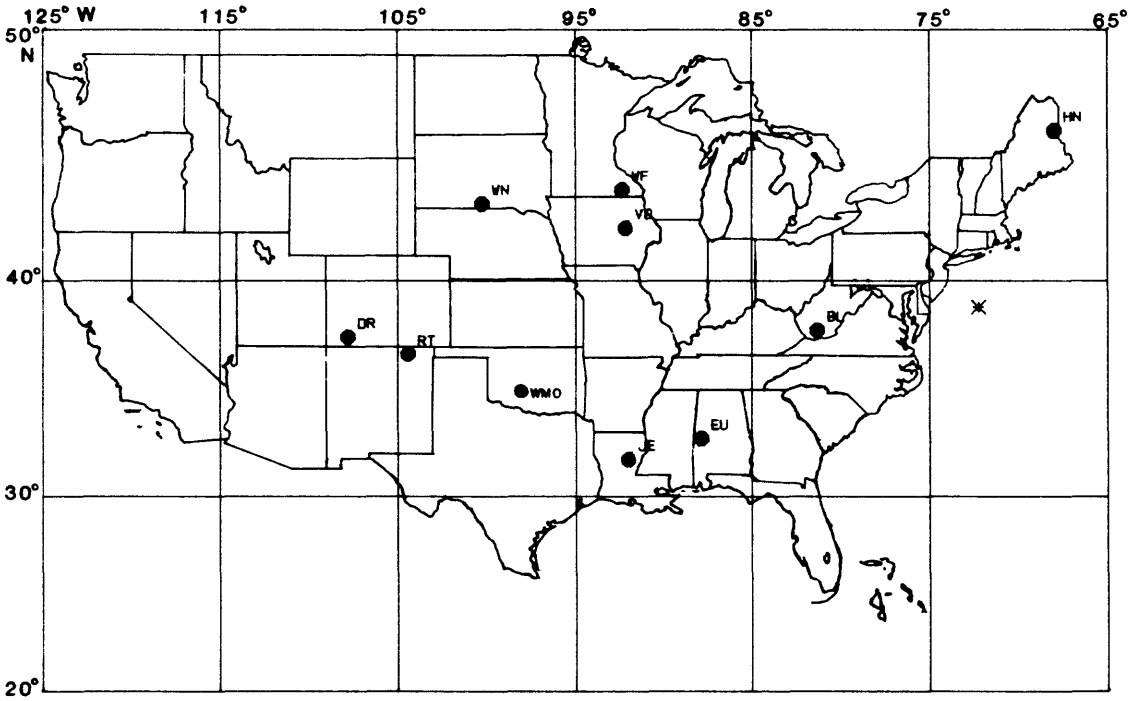
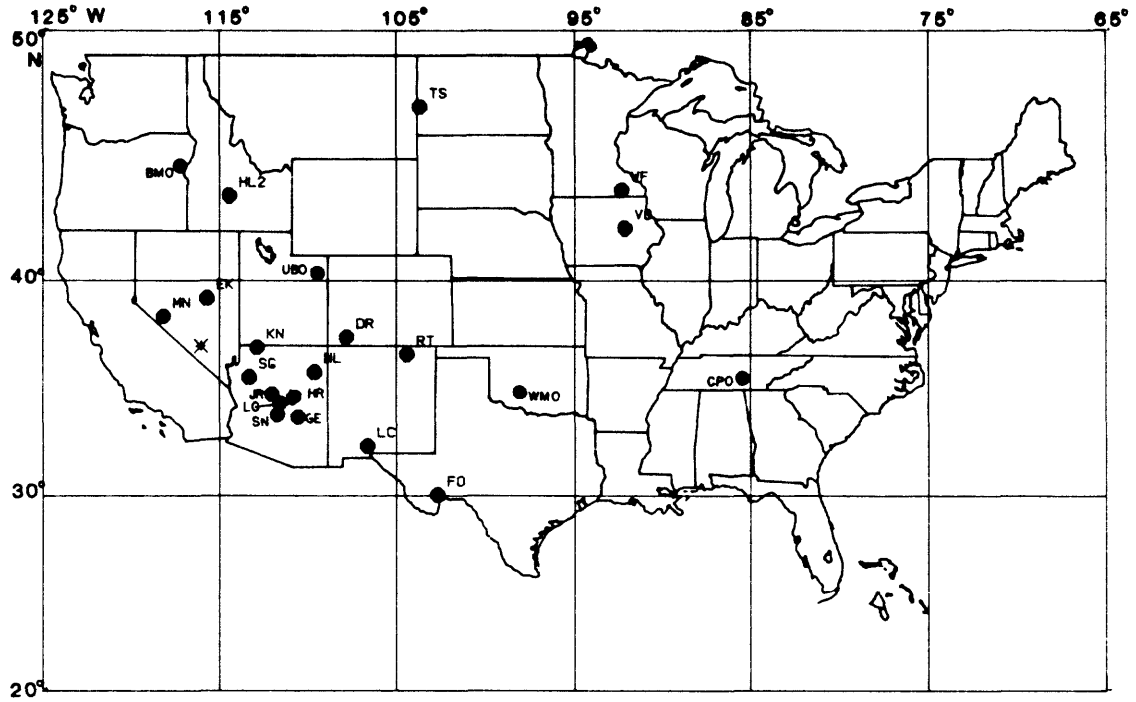


Figure 43

2 Oct 1964; MB= 4.9



9 Oct 1964; MB= 4.8

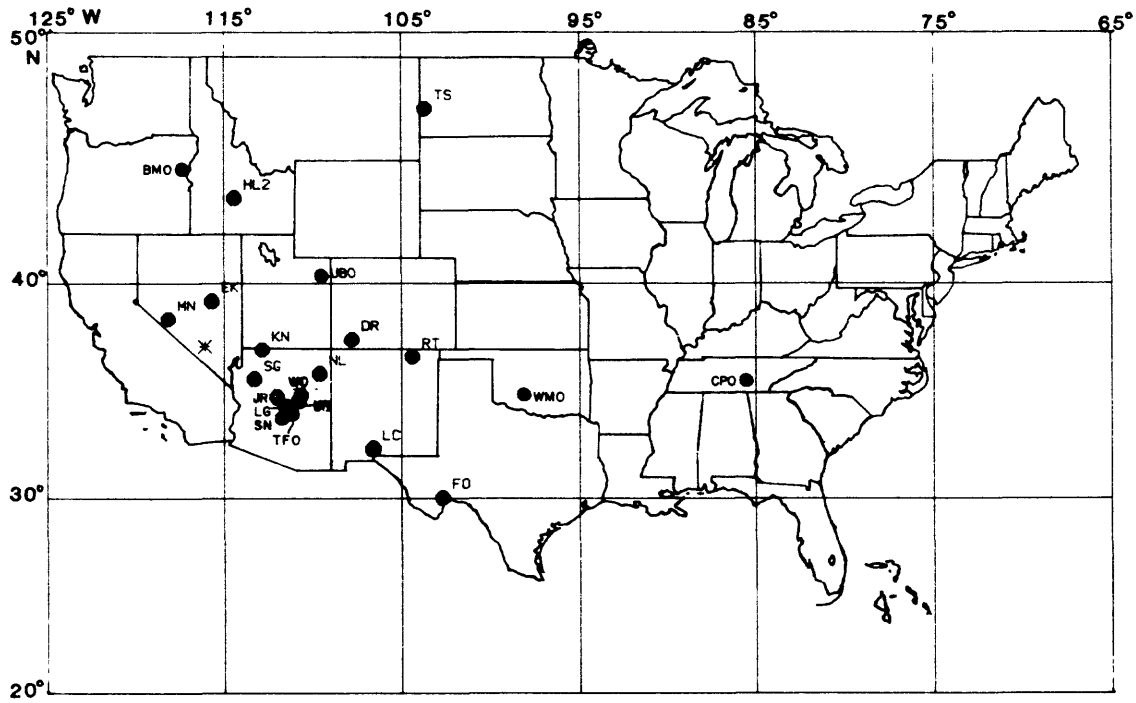
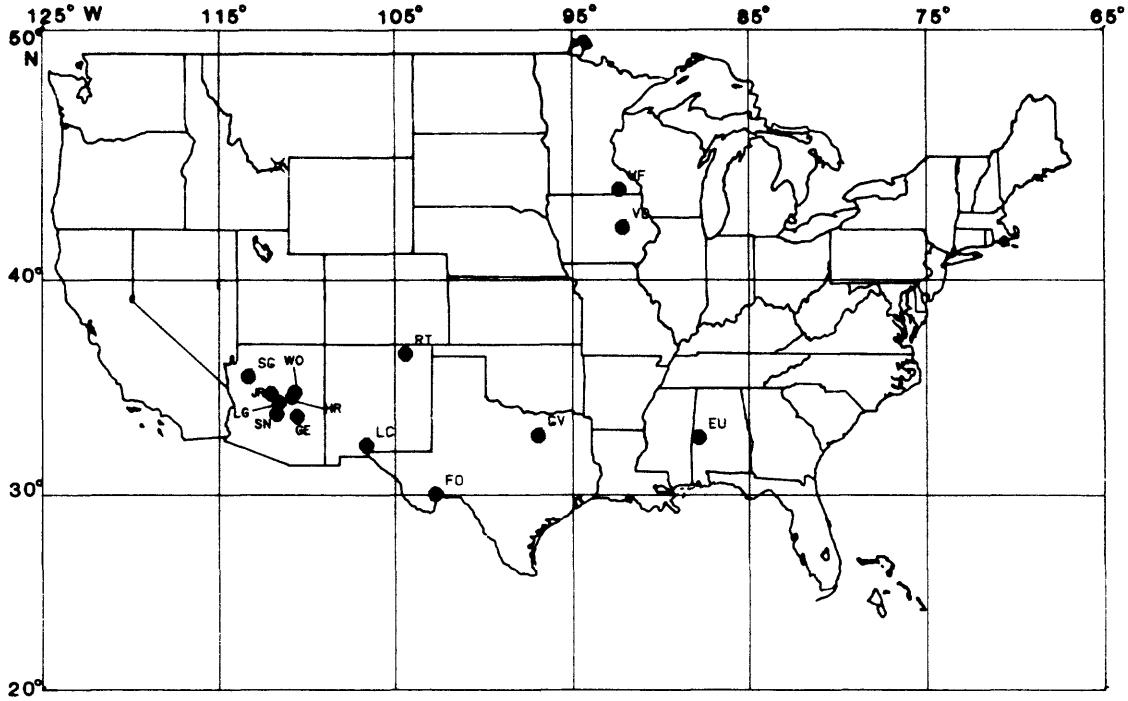


Figure 44

21 Oct 1964; MB= 5.8



22 Oct 1964; MB= 4.6

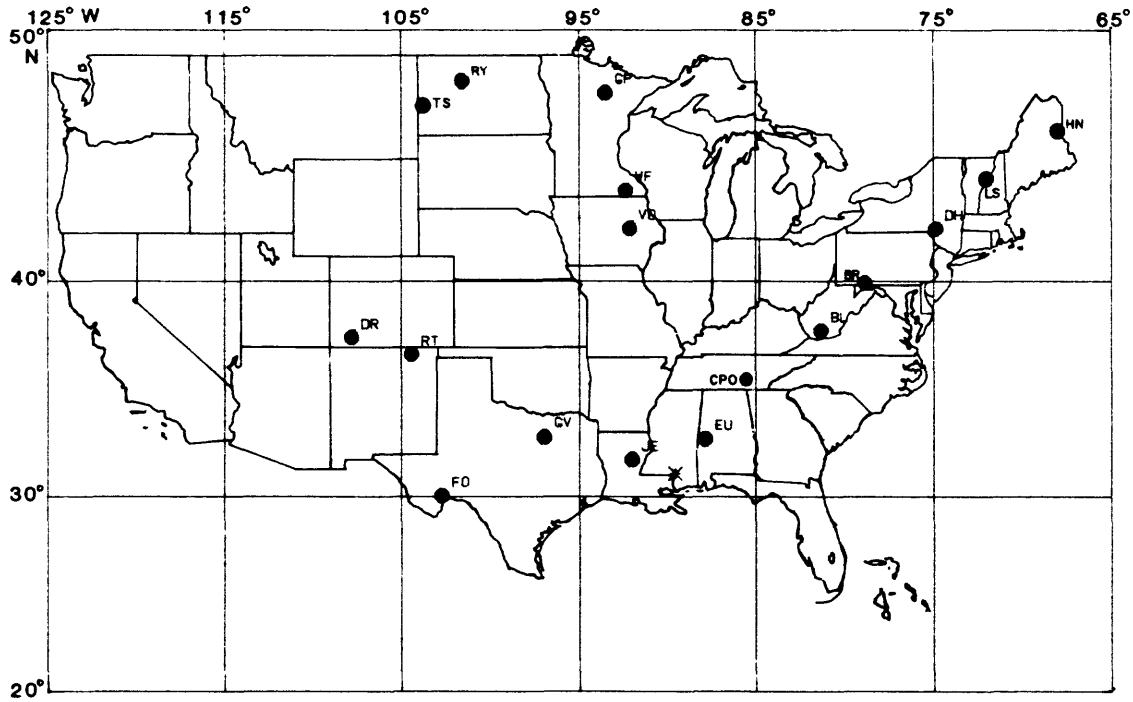
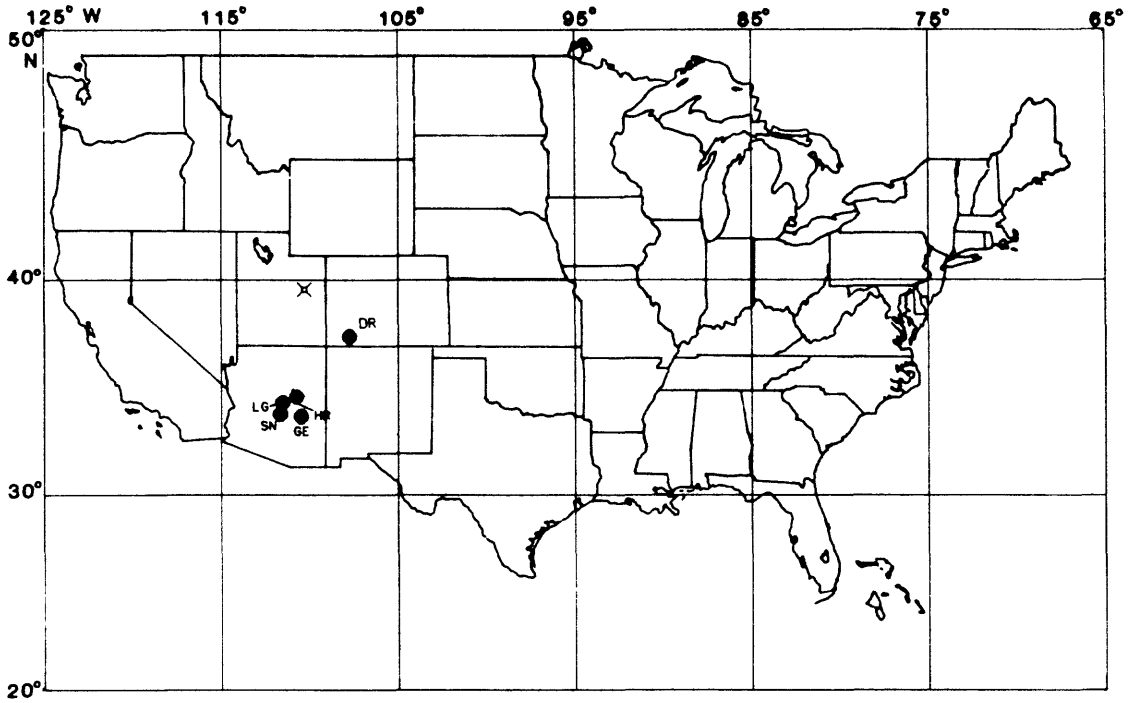


Figure 45

4 Nov 1964; MB= 4.0



25 Nov 1964; MB= 4.5

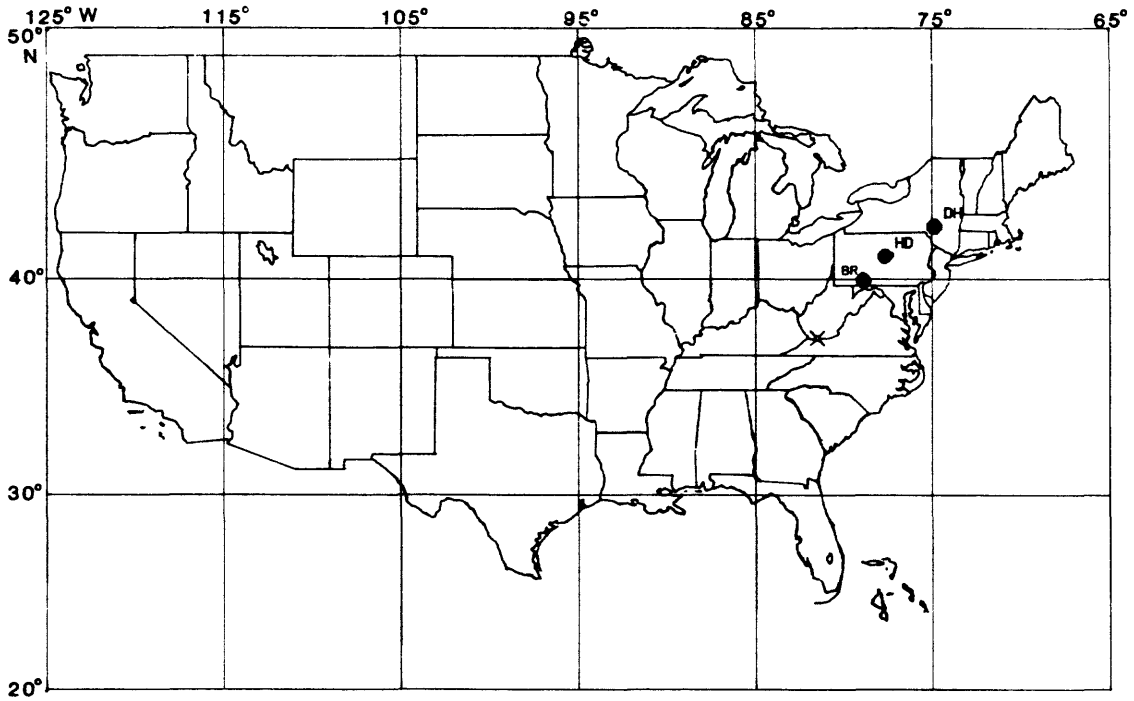
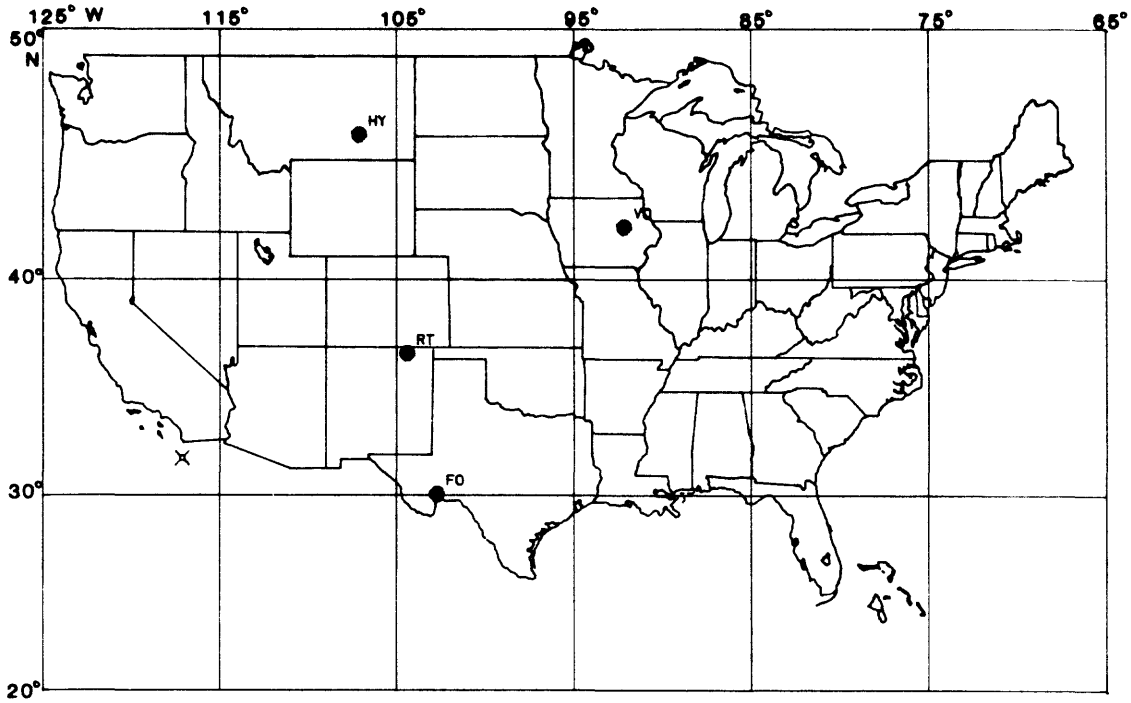


Figure 46

22 Dec 1964; MB= 6.3



18 Feb 1965; MB= 4.5

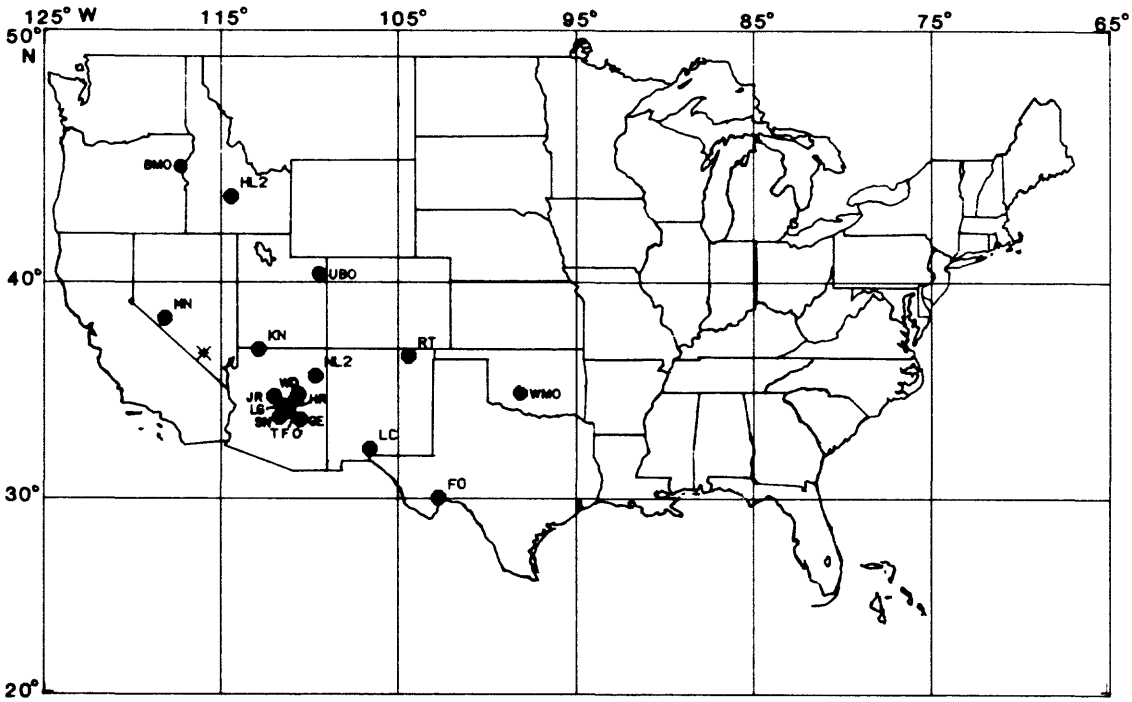
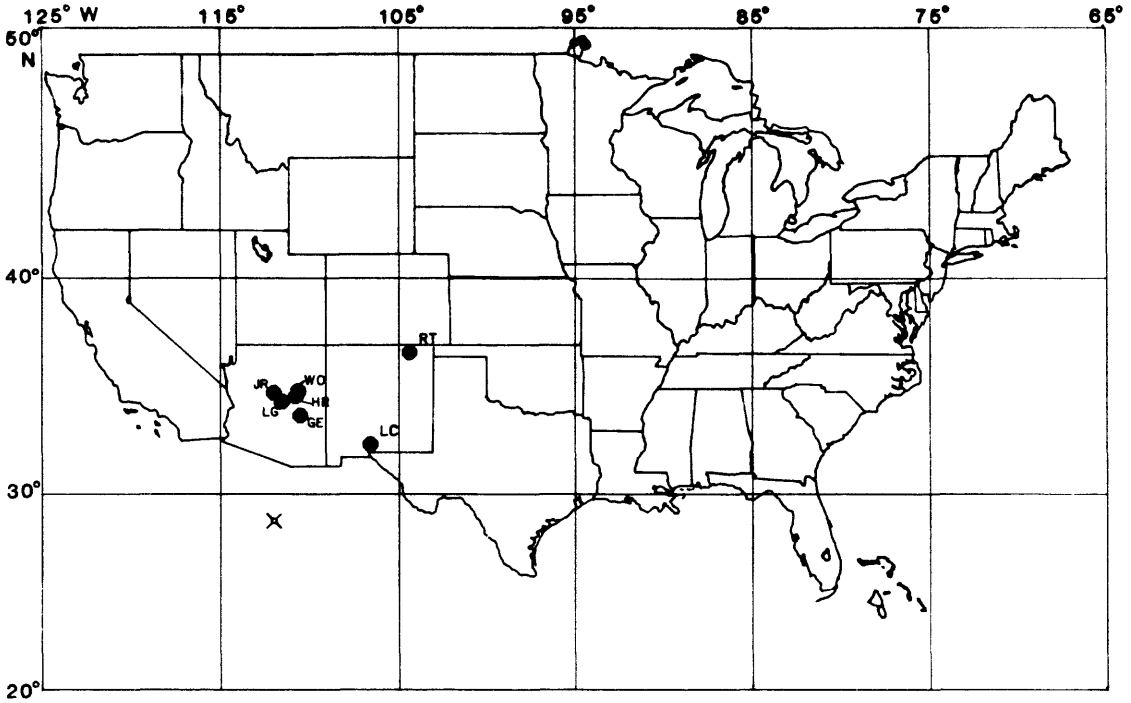


Figure 47

27 Feb 1965; MB= 4.6



3 Mar 1965; MB= 5.3

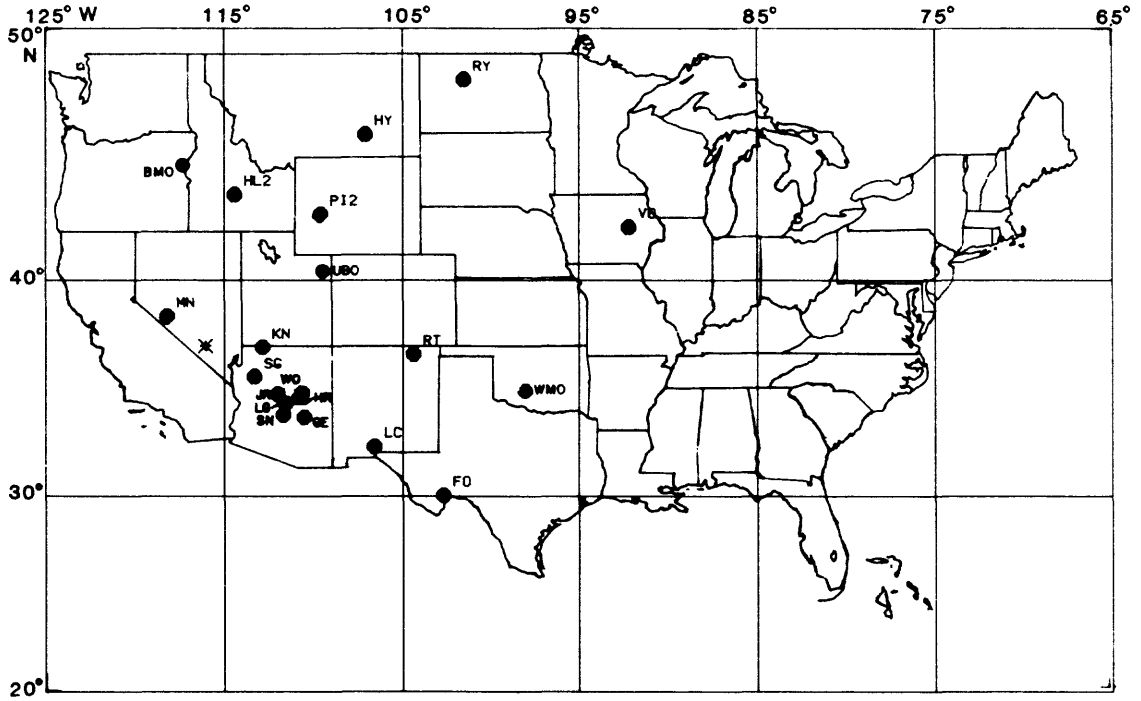
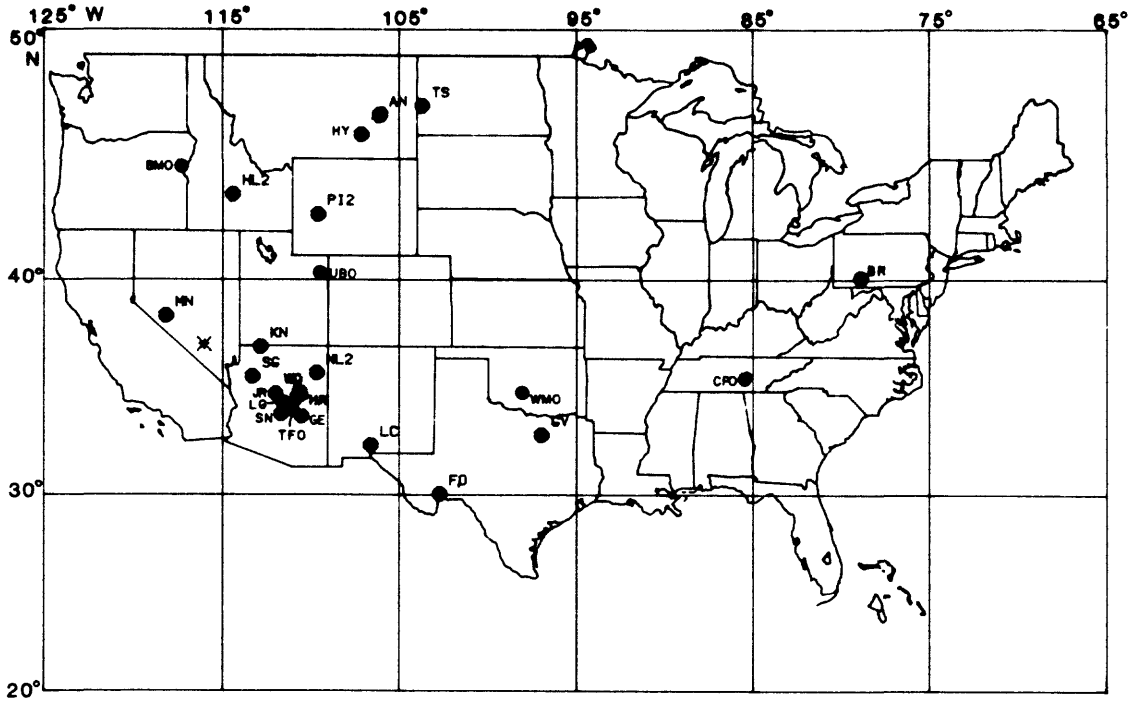


Figure 48

26 Mar 1965; MB= 5.3



14 Apr 1965; MB= 4.3

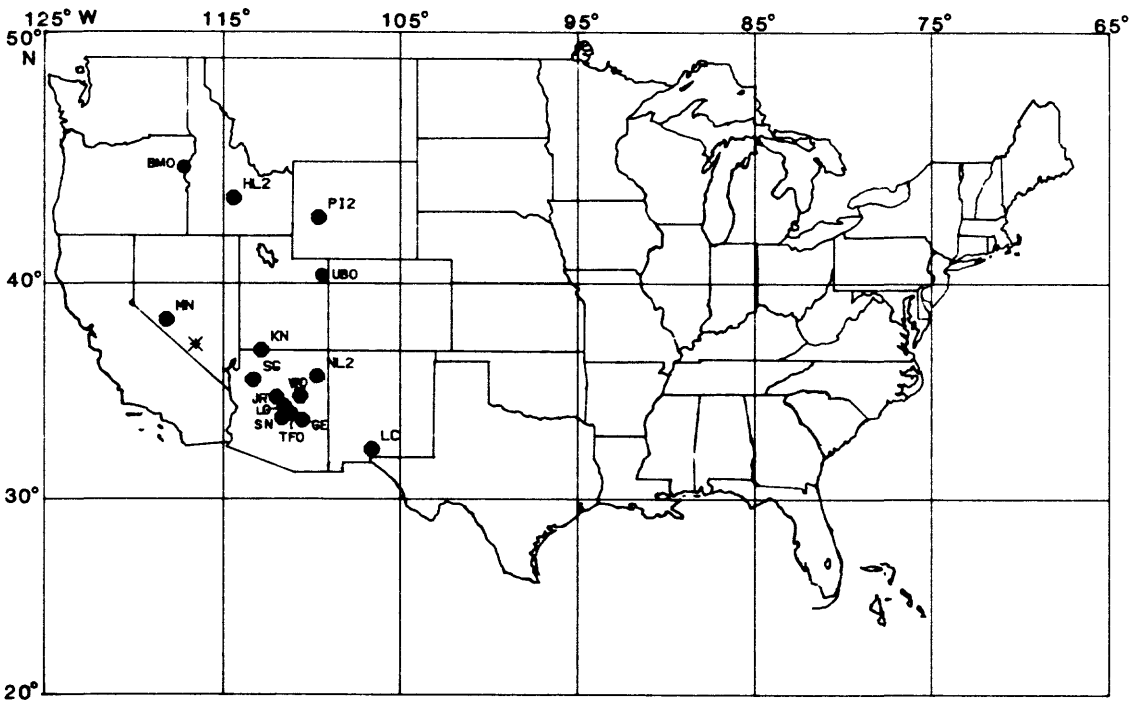
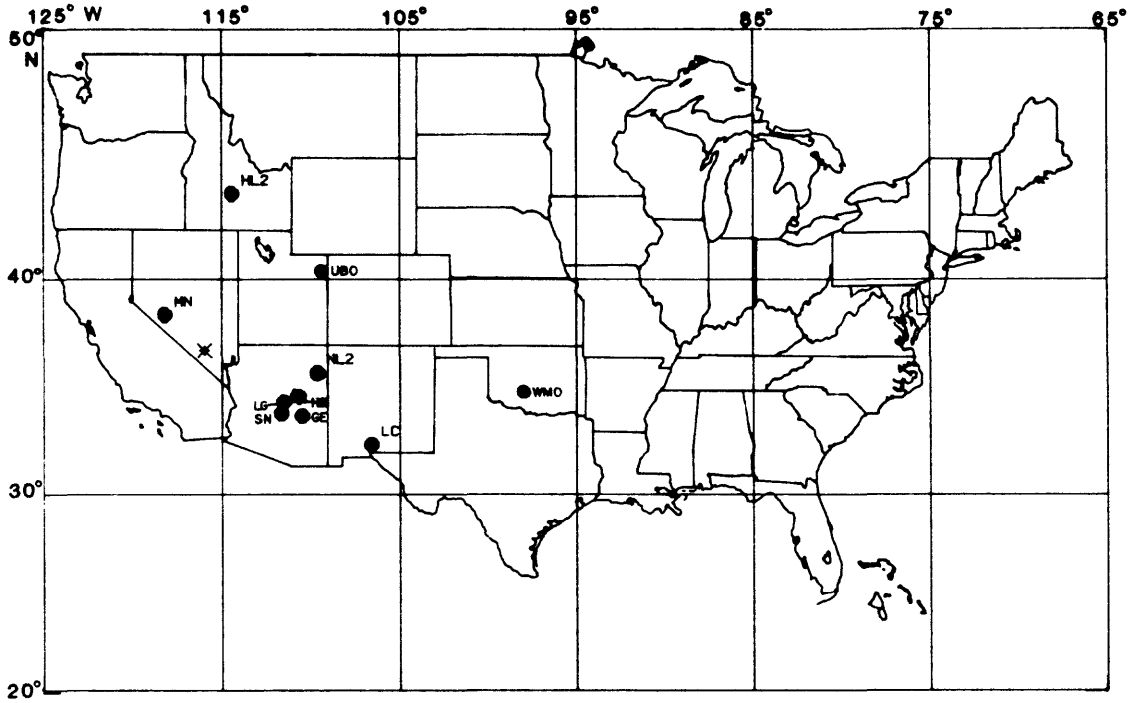


Figure 49

16 Jun 1965; MB= 4.5



15 Jul 1965; MB= 5.1

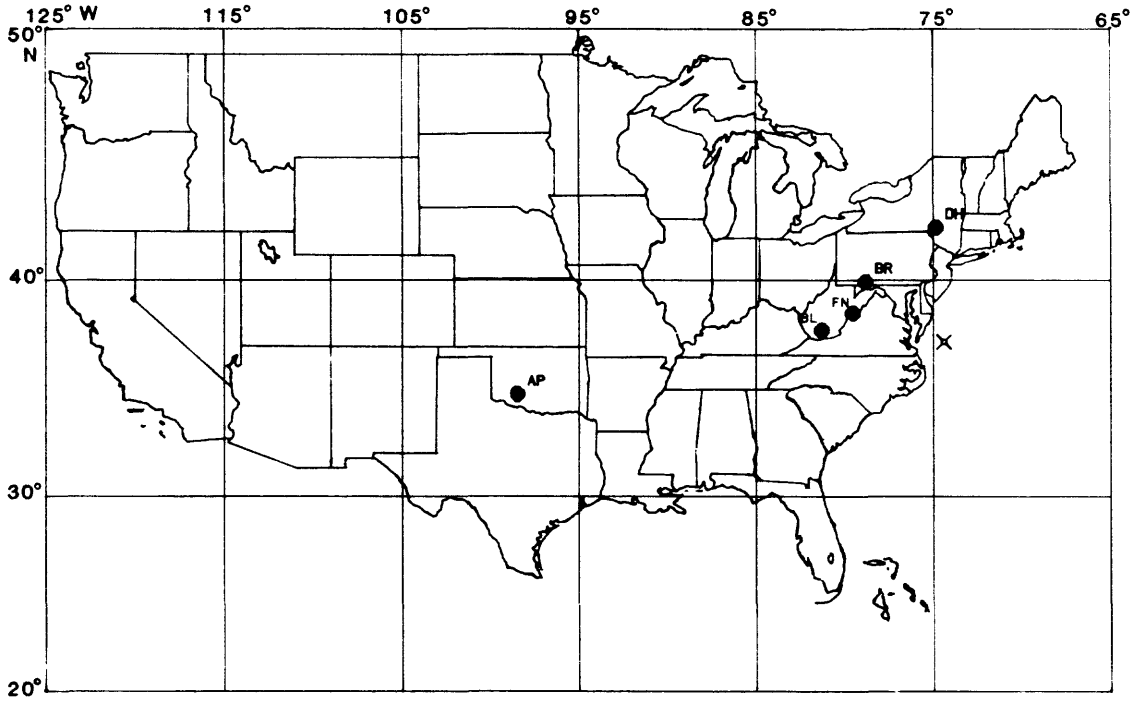
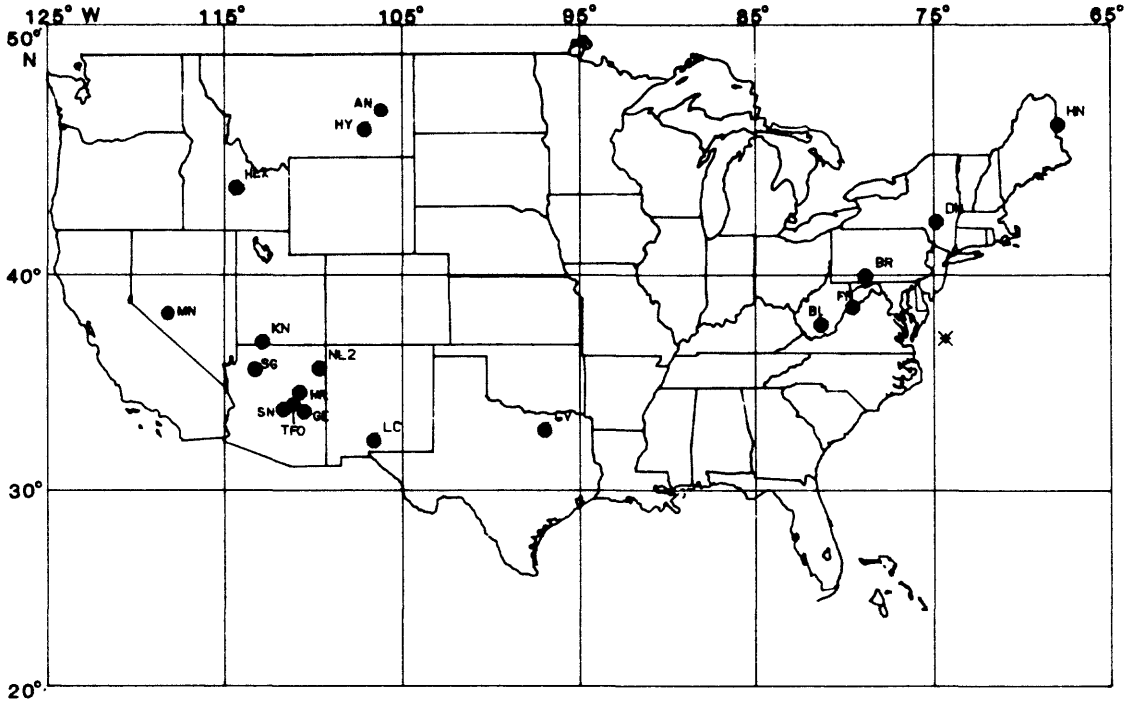


Figure 50

15 Jul 1965; MB=4.6



23 Jul 1965; MB= 5.2

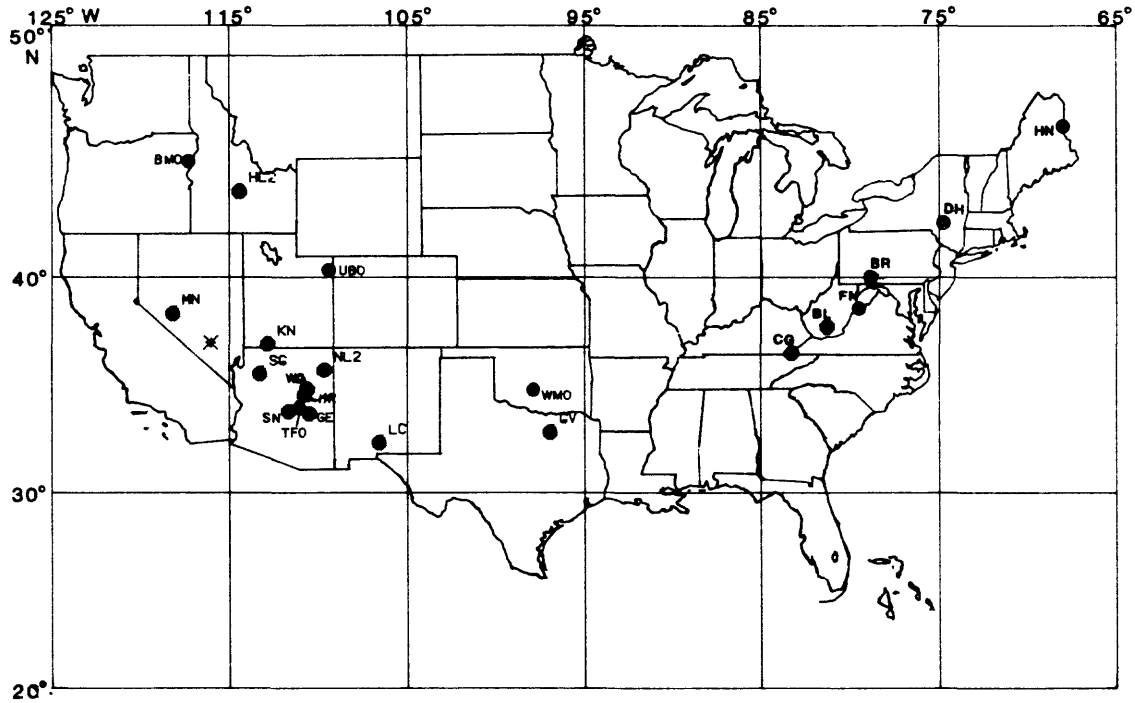
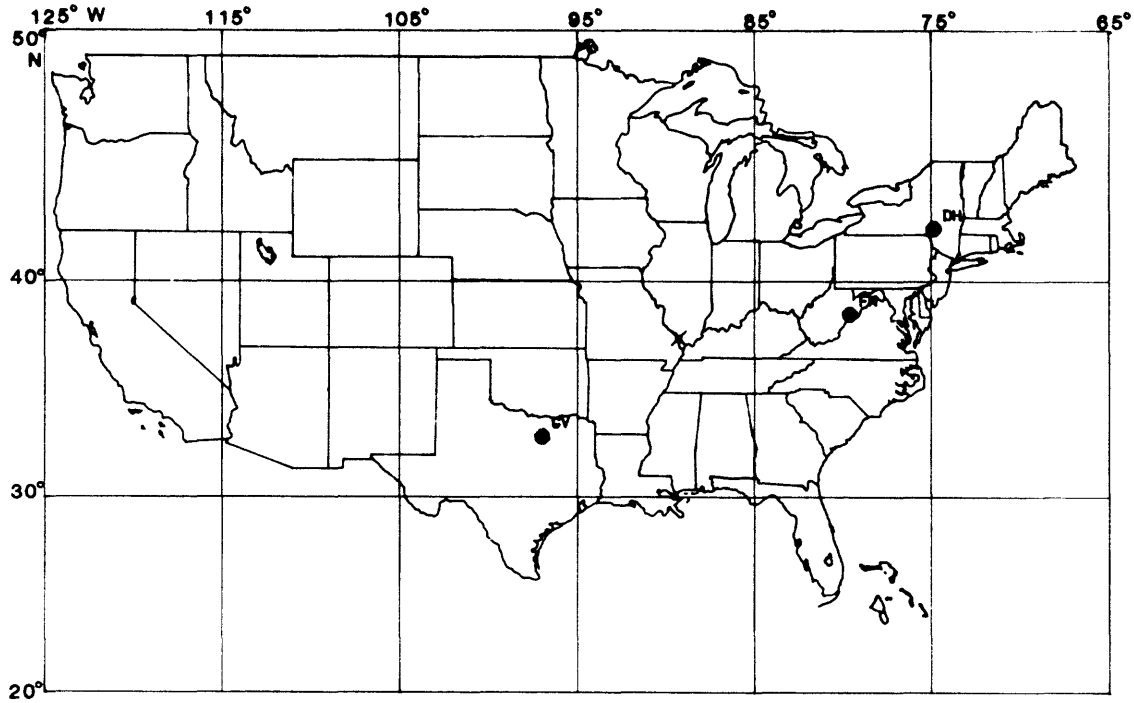


Figure 51

15 Aug 1965; MB= 5.1



10 Sep 1965; MB= 5.2

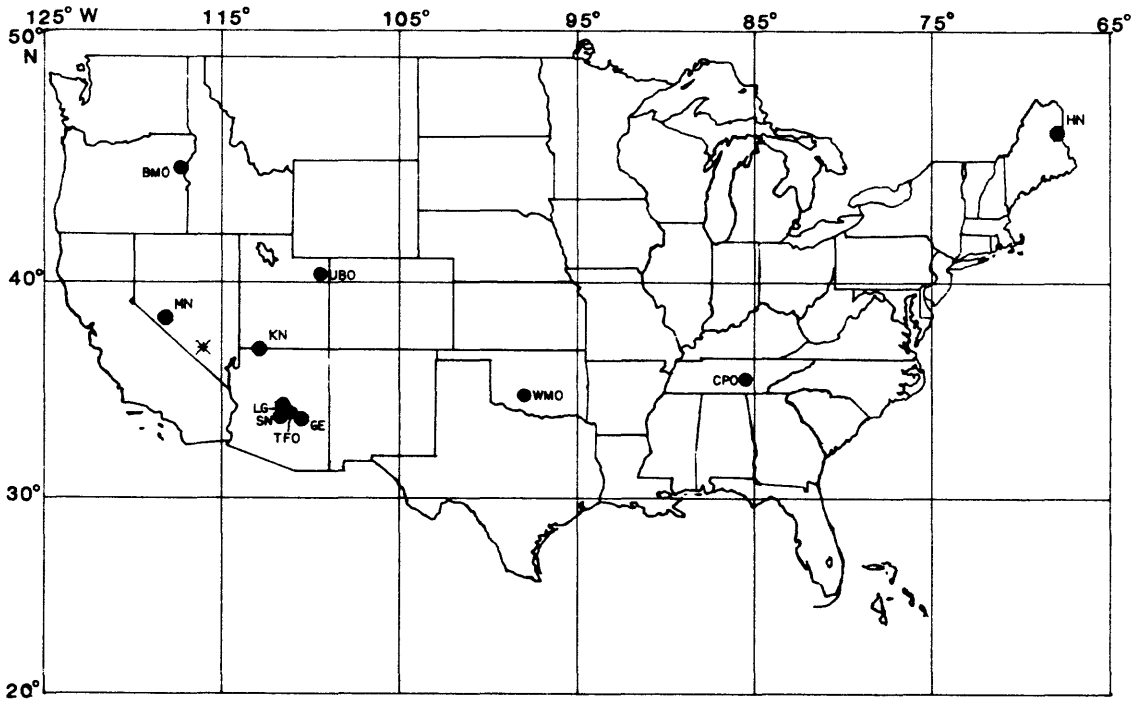
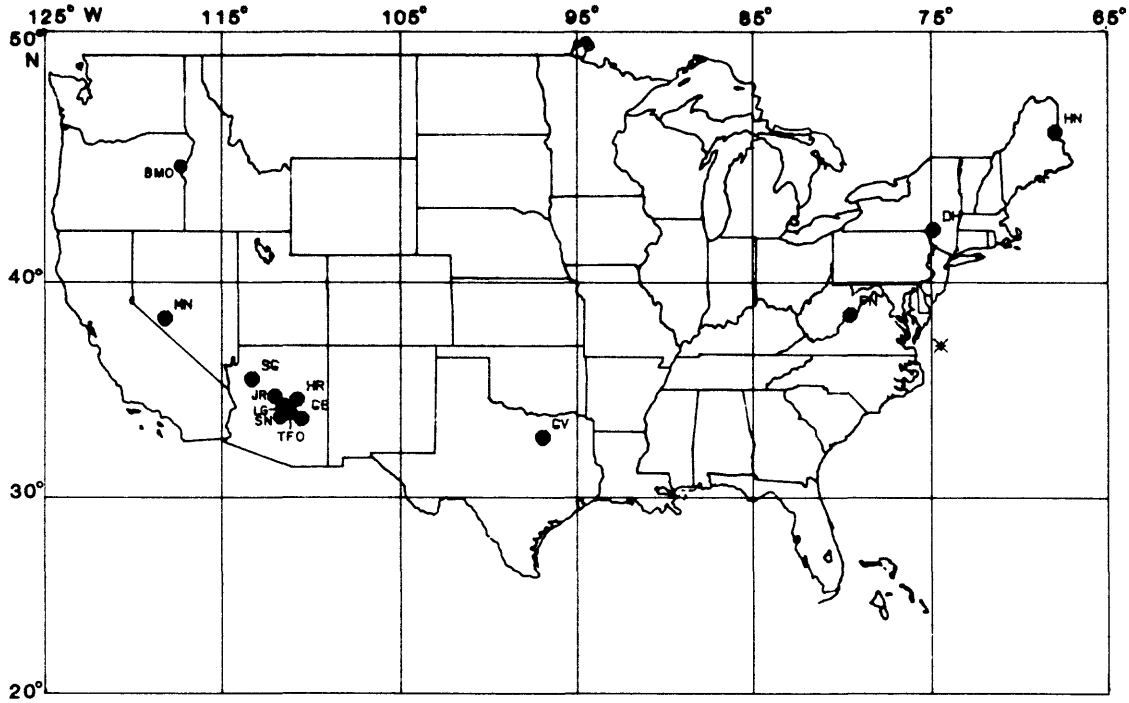


Figure 52

16 Sep 1965; MB= 4.7



3 Dec 1965; MB= 5.6

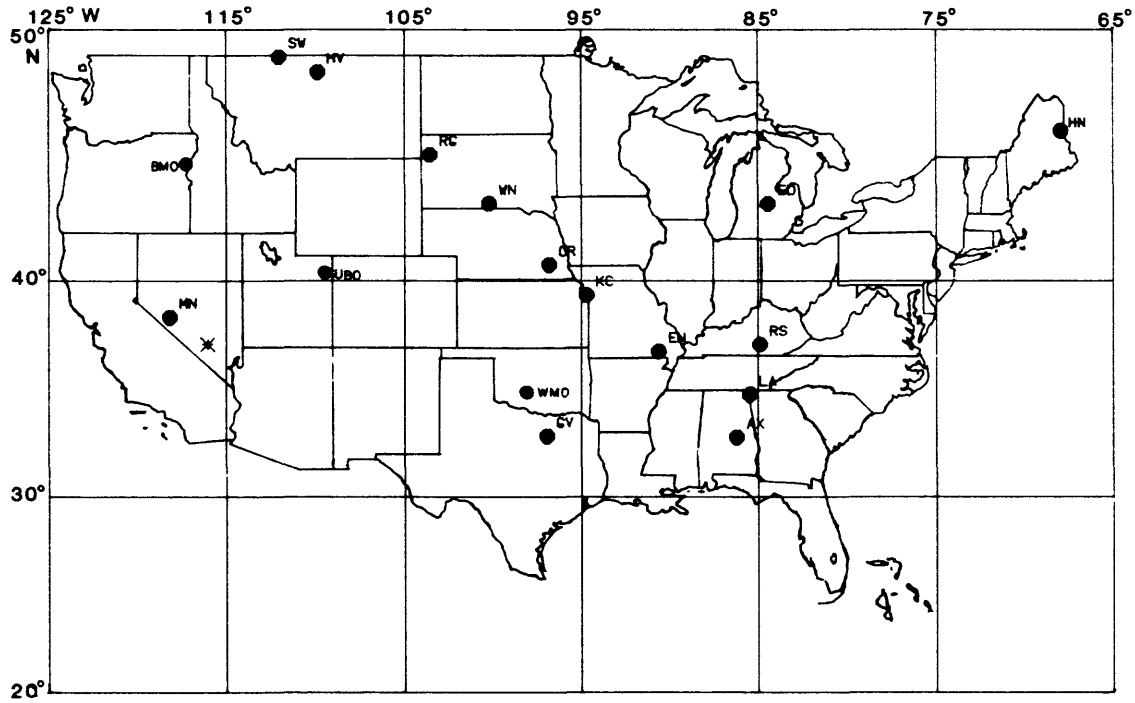
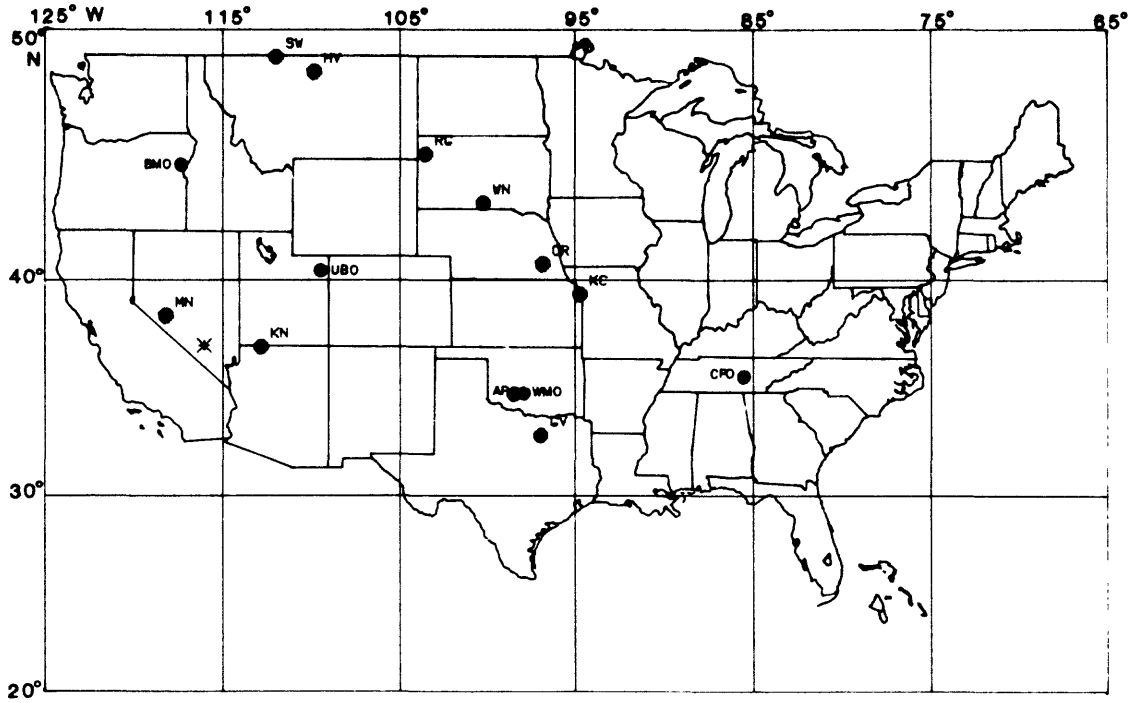


Figure 53

16 Dec 1965; MB= 5.1



23 Feb 1966; MB= 3.9

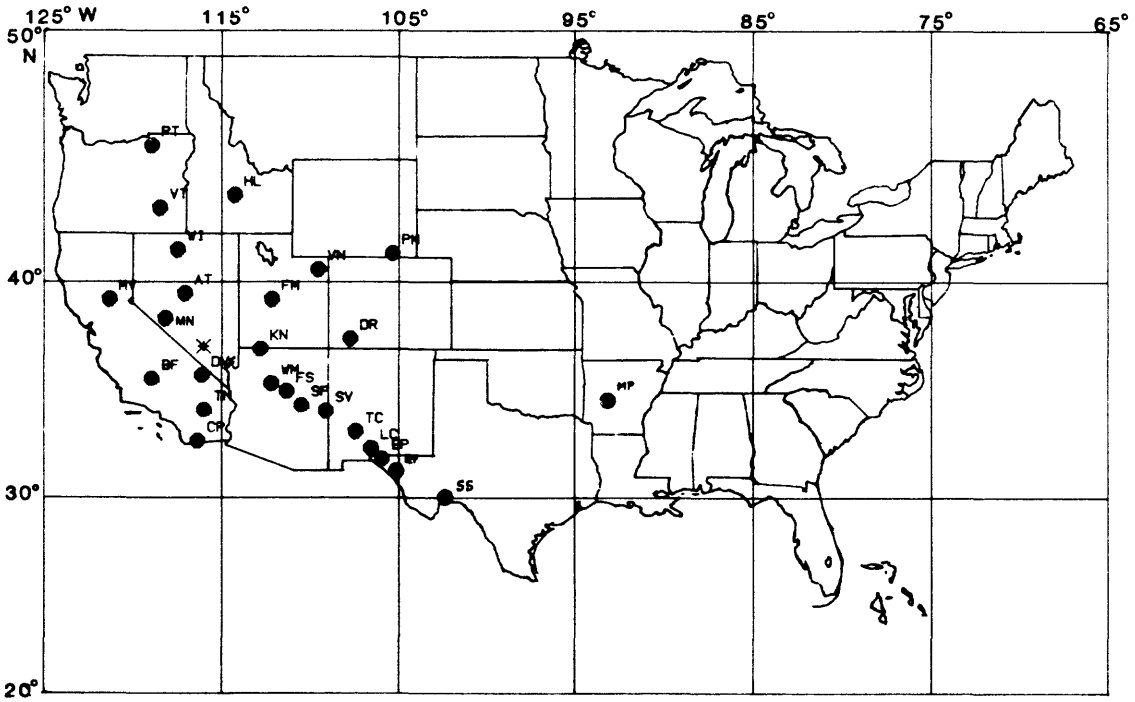
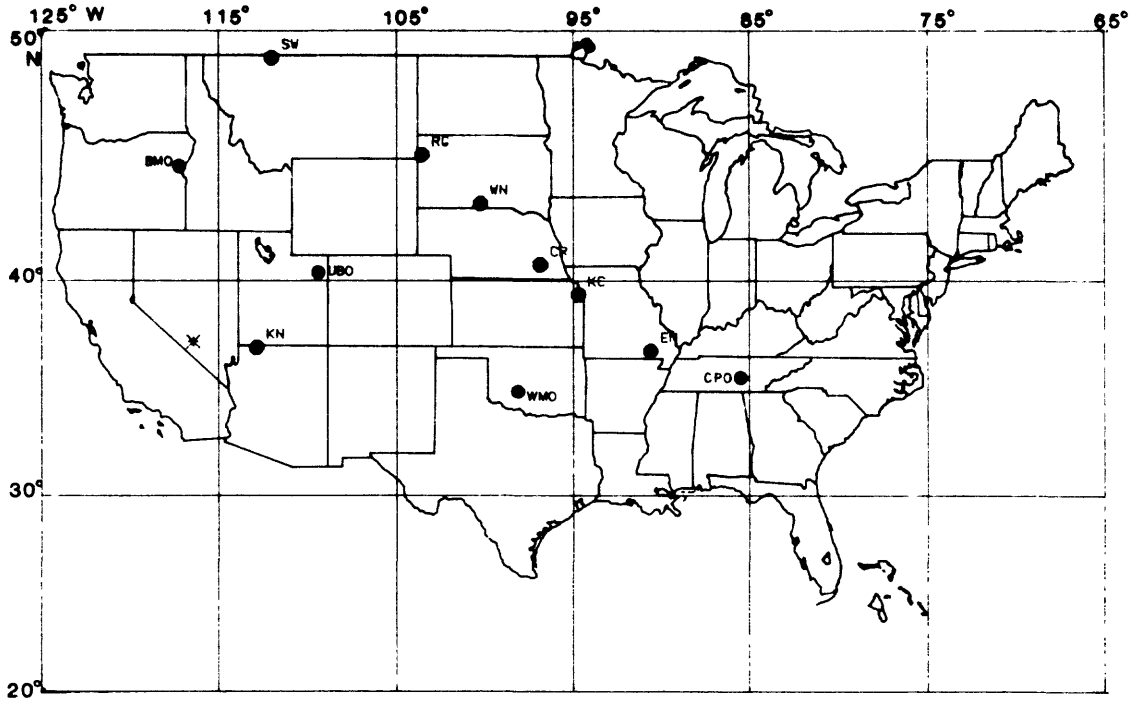


Figure 54

24 Feb 1966; MB= 4.8



5 Mar 1966; MB= 4.1

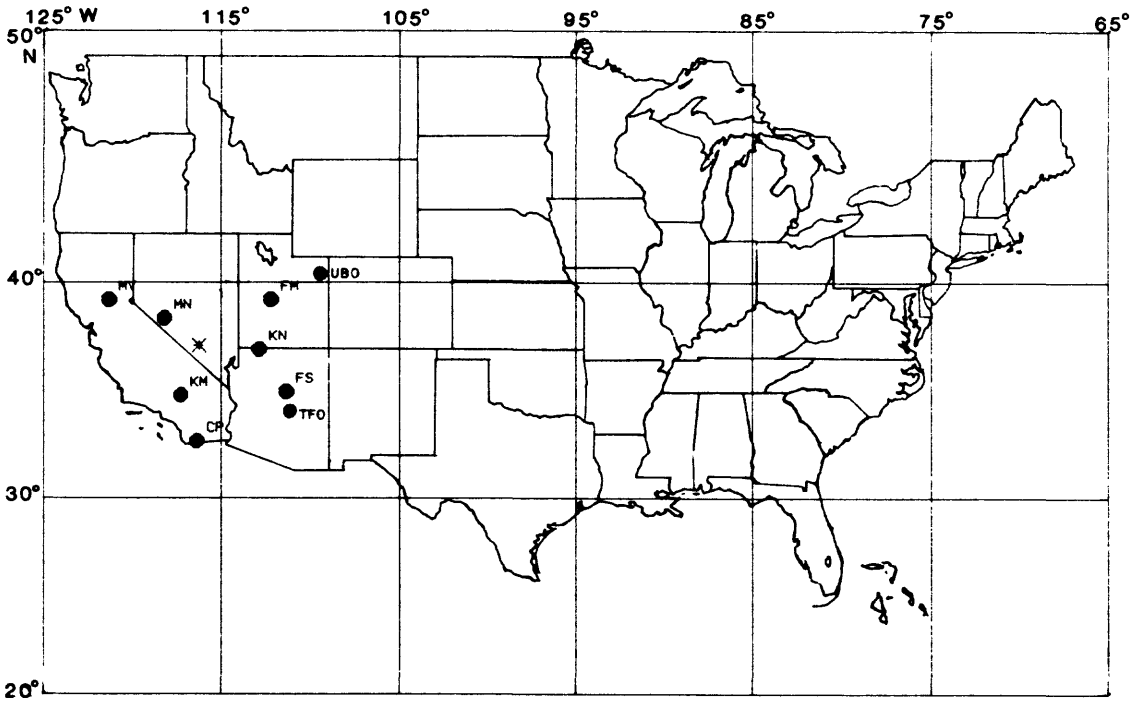
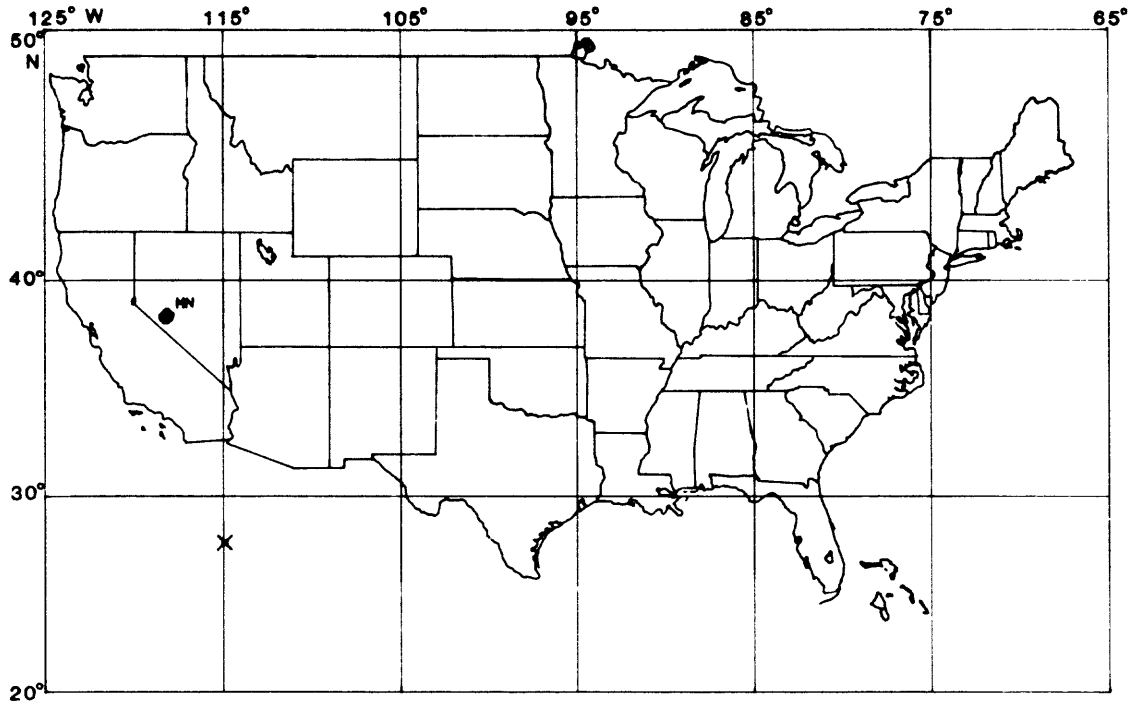


Figure 55

9 Mar 1966; MB= 5.5



3 Apr 1966; MB= 4.5

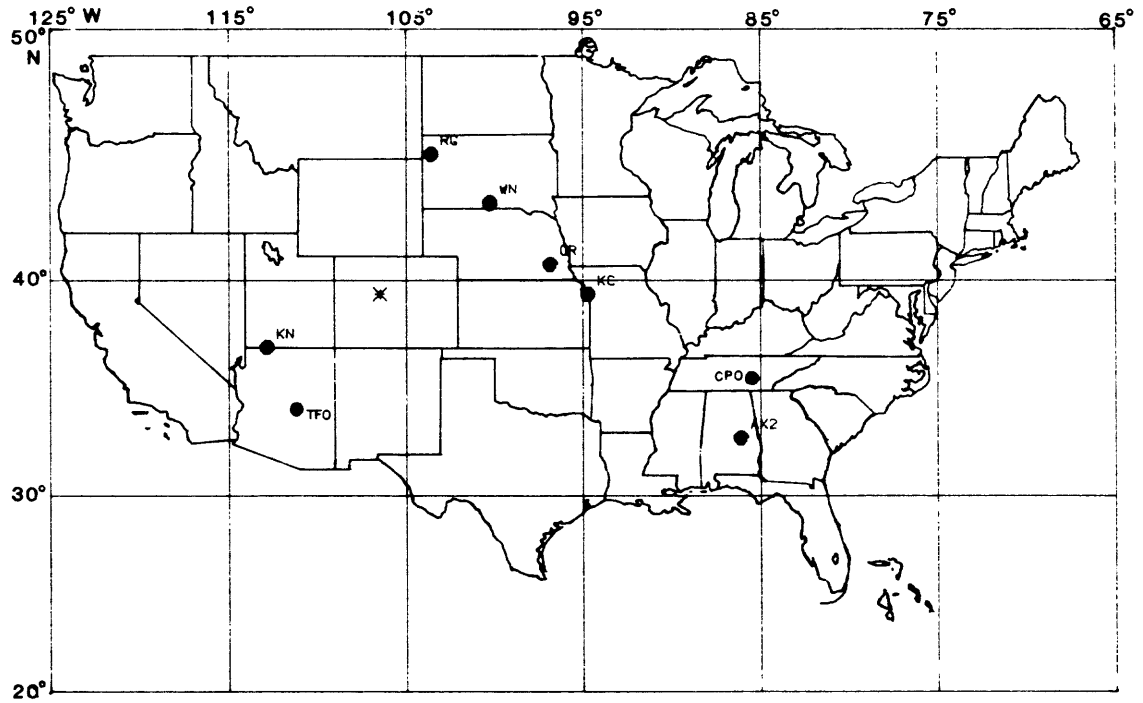
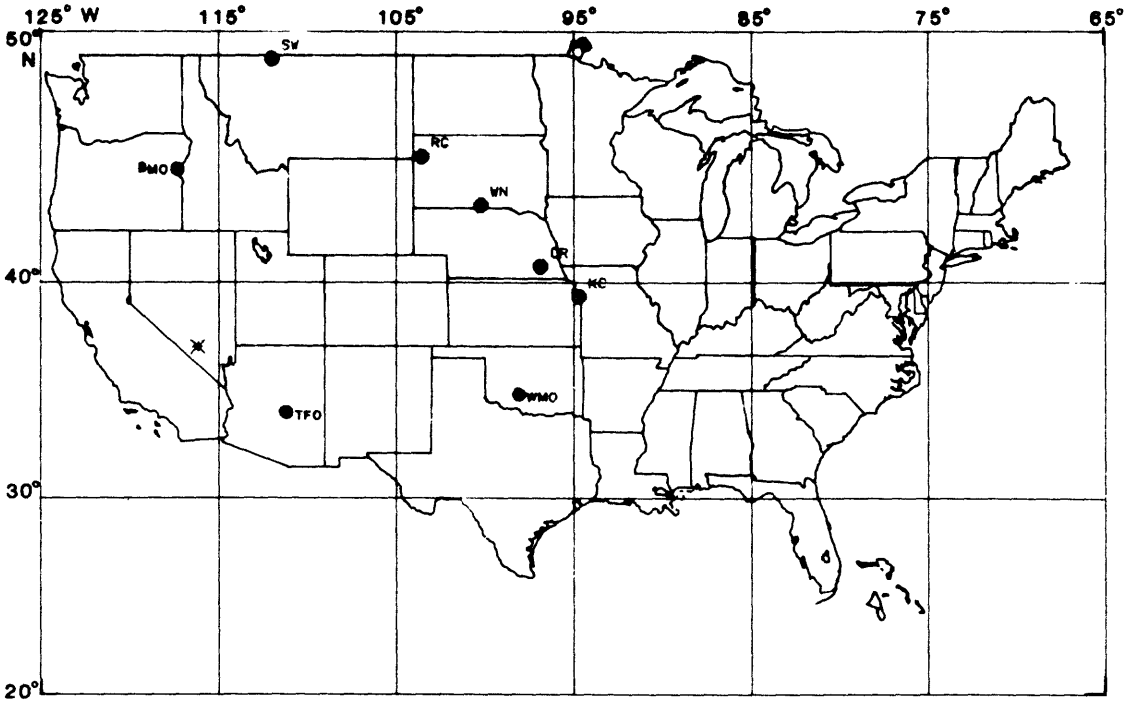


Figure 56

6 Apr 1966; MB= 4.5



14 Apr 1966; MB= 5.2

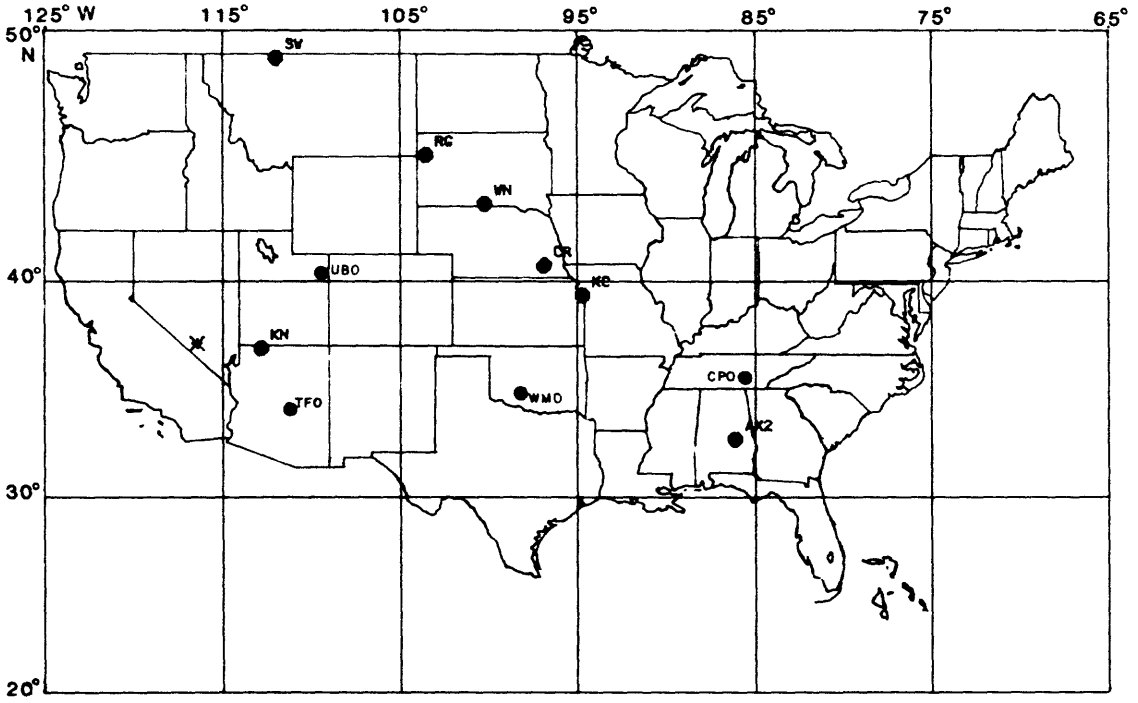
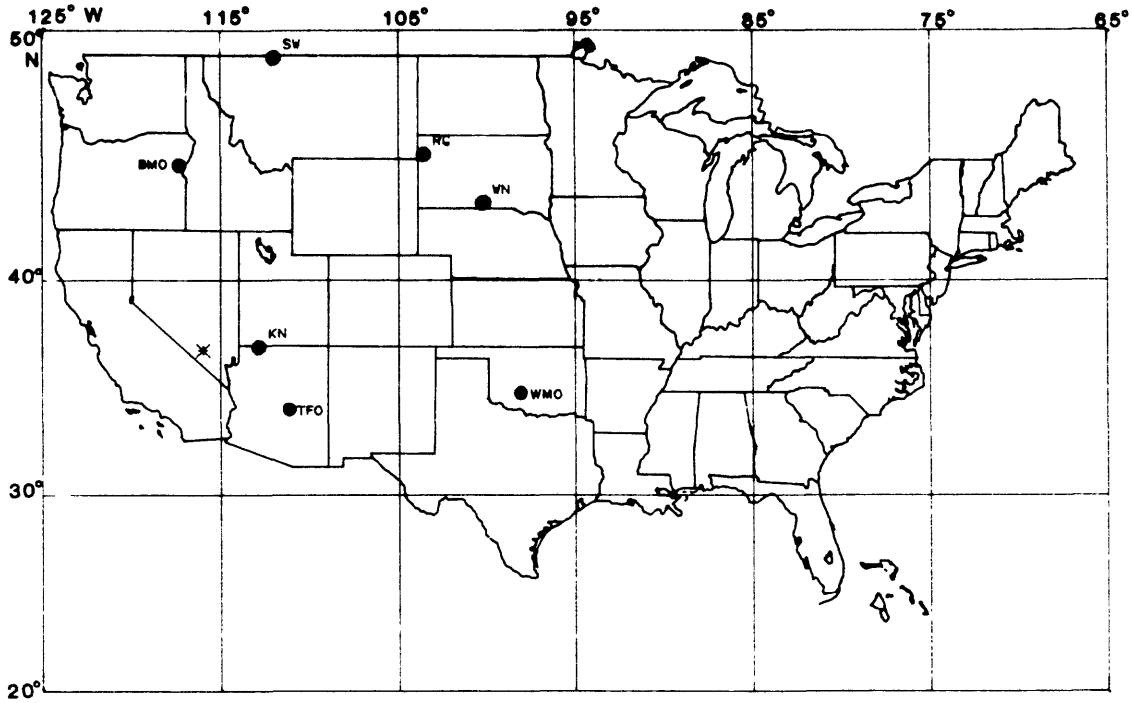


Figure 57

25 Apr 1966; MB= 4.5



6 May 1966; MB= 5.3

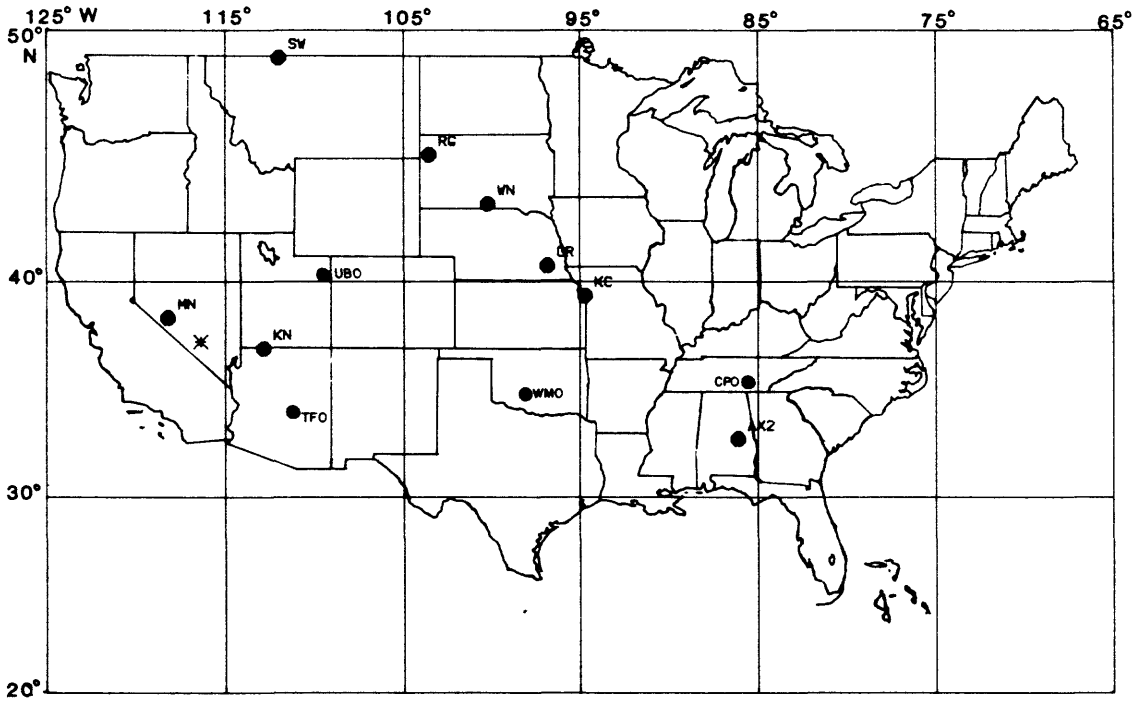
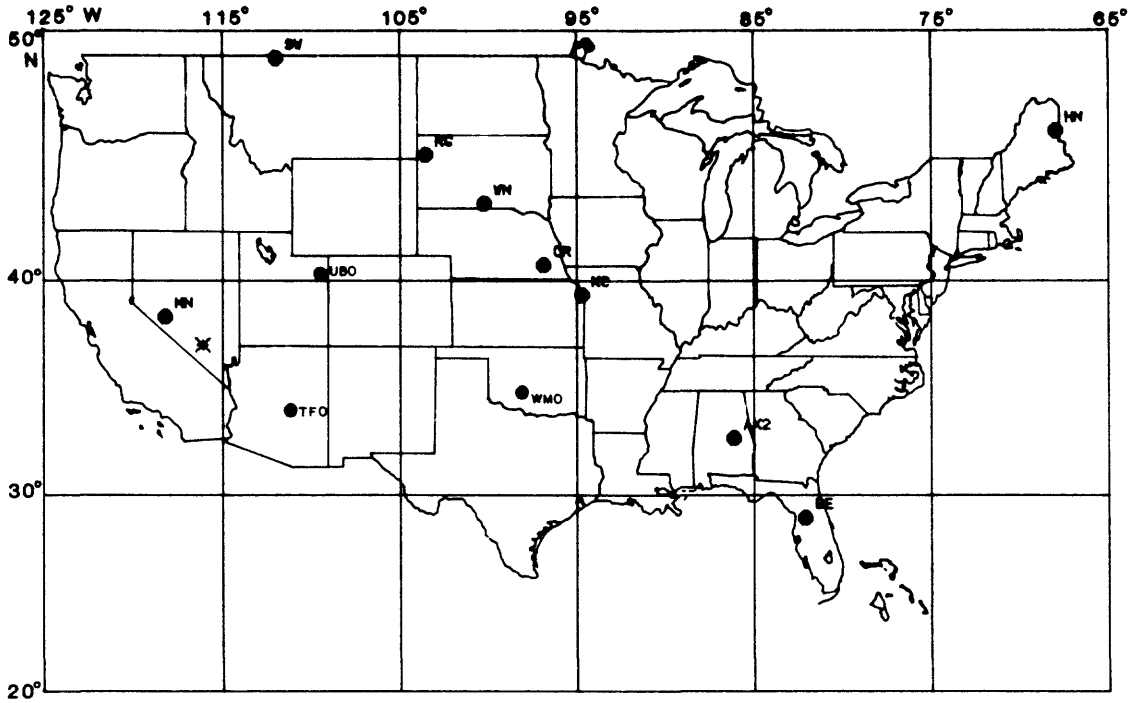


Figure 58

19 May 1966; MB= 5.5



2 Jun 1966; MB= 5.6

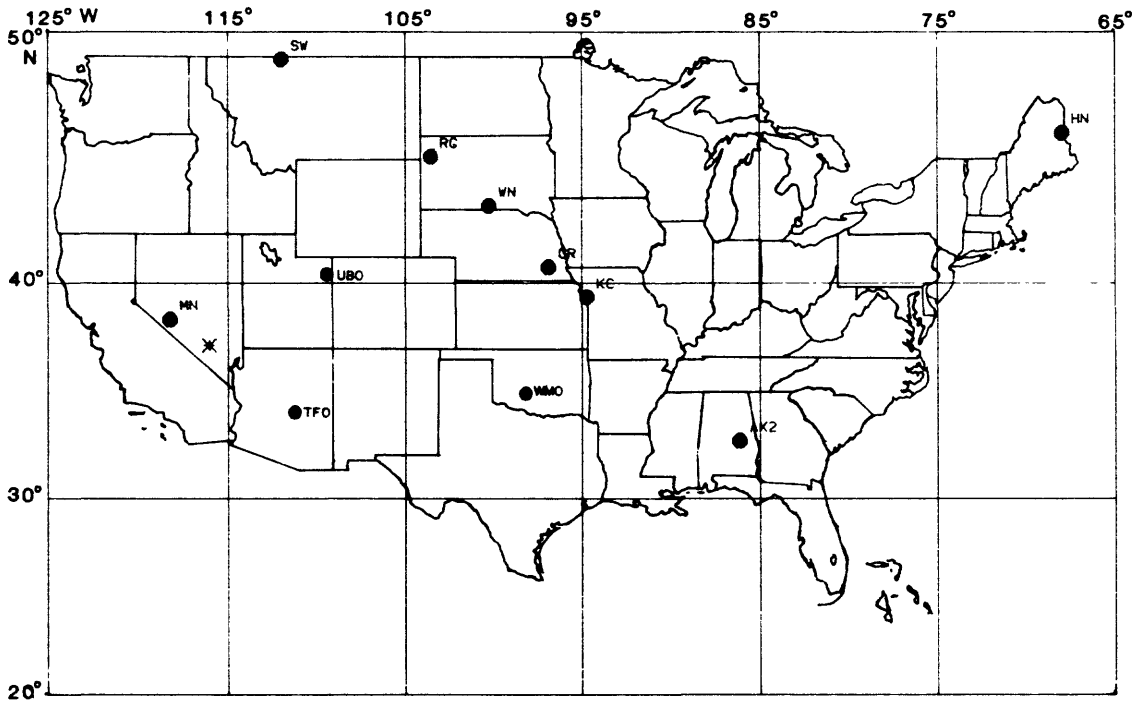
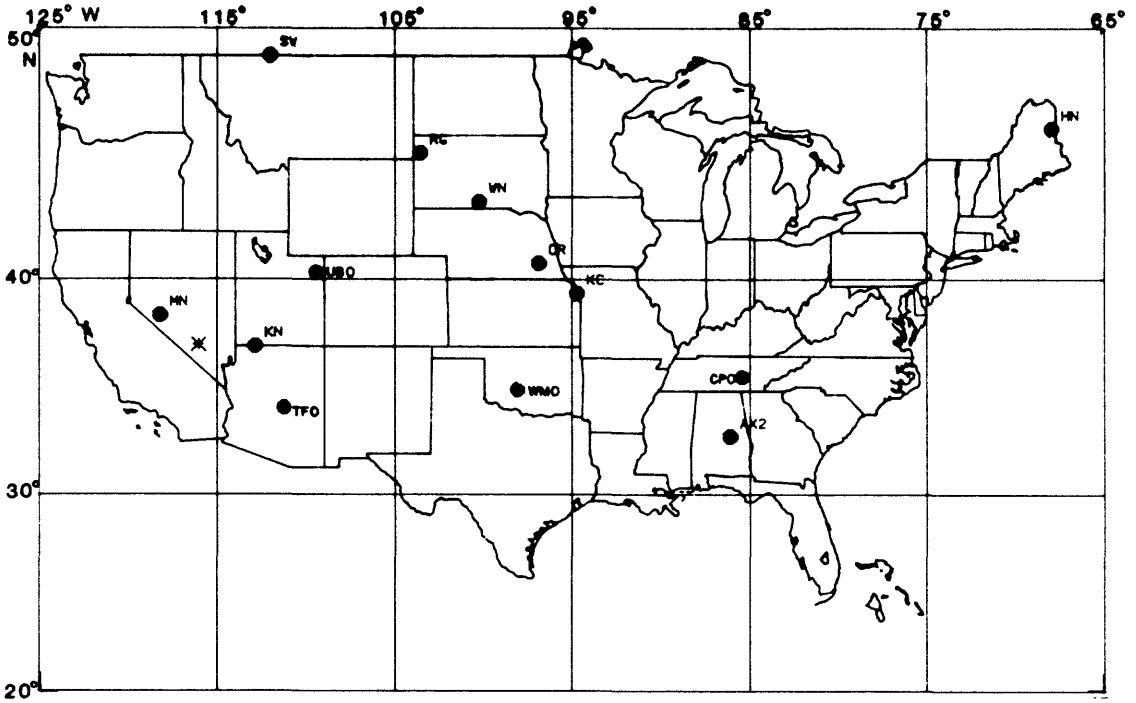


Figure 59

3 Jun 1966; MB=5.6



30 Jun 1966; MB= 6.0

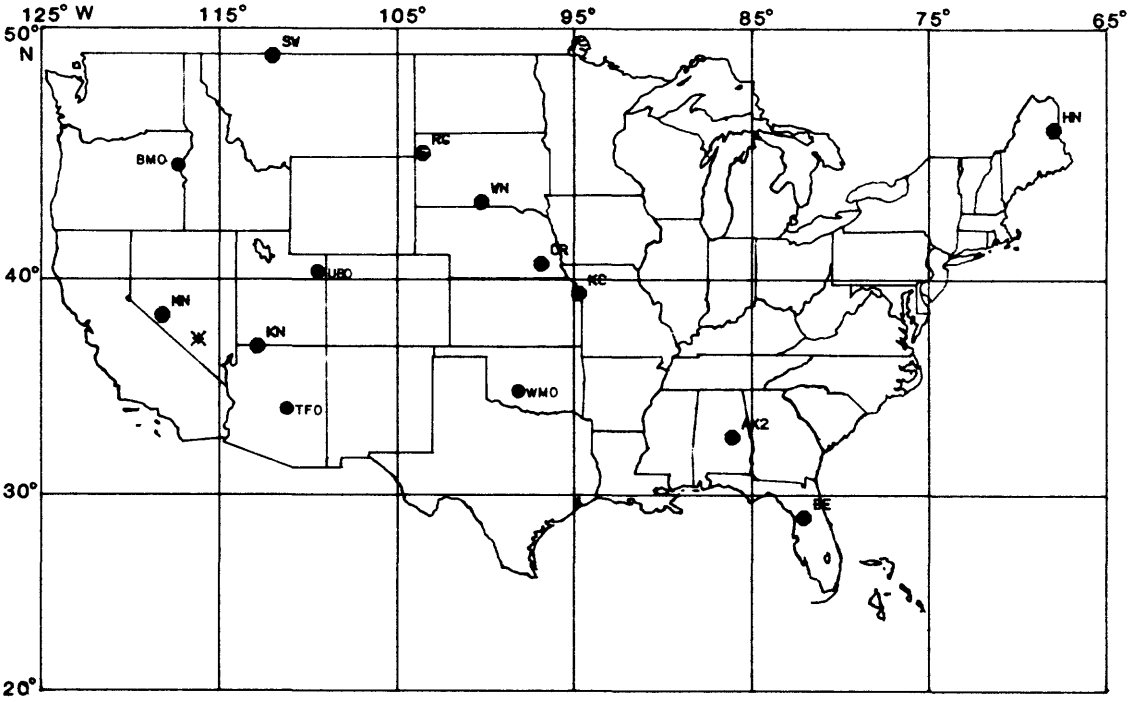
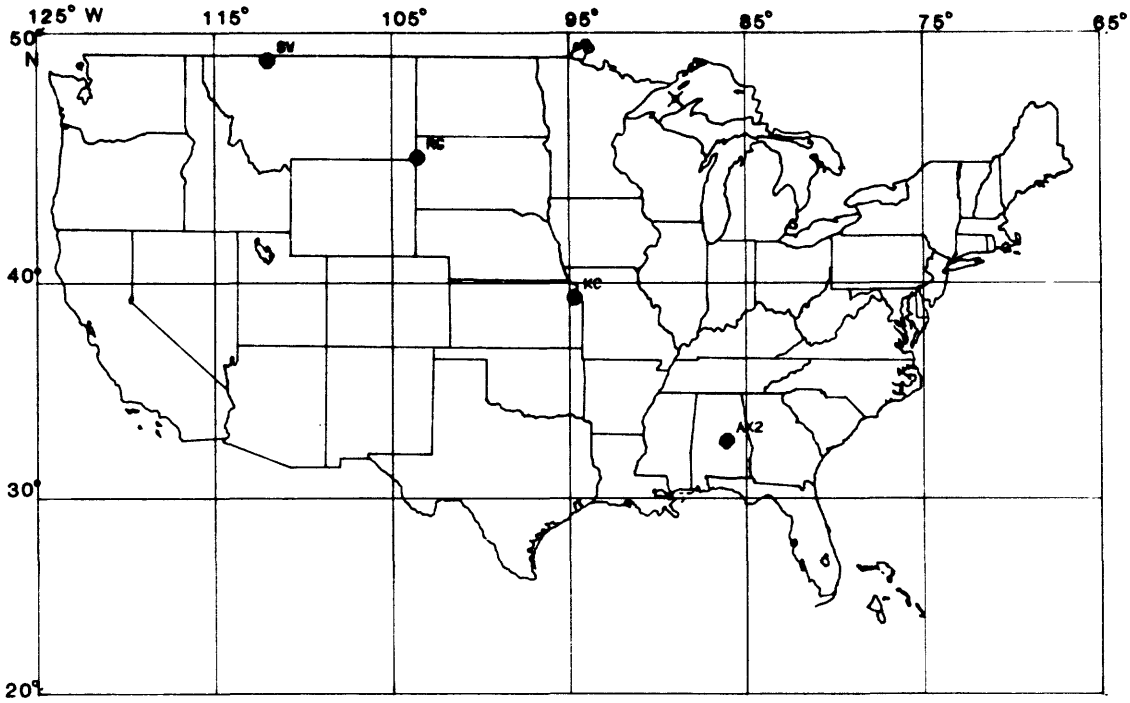


Figure 60

23 Jul 1966; ML= 4.2



20 Dec 1966; MB= 6.3

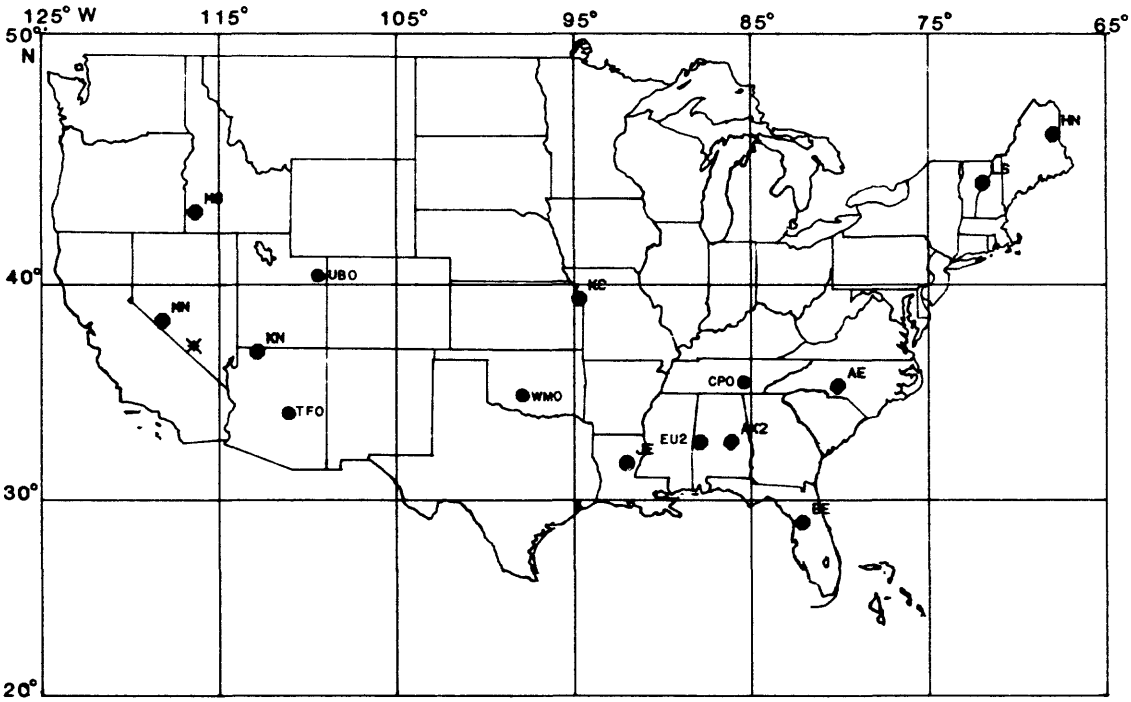
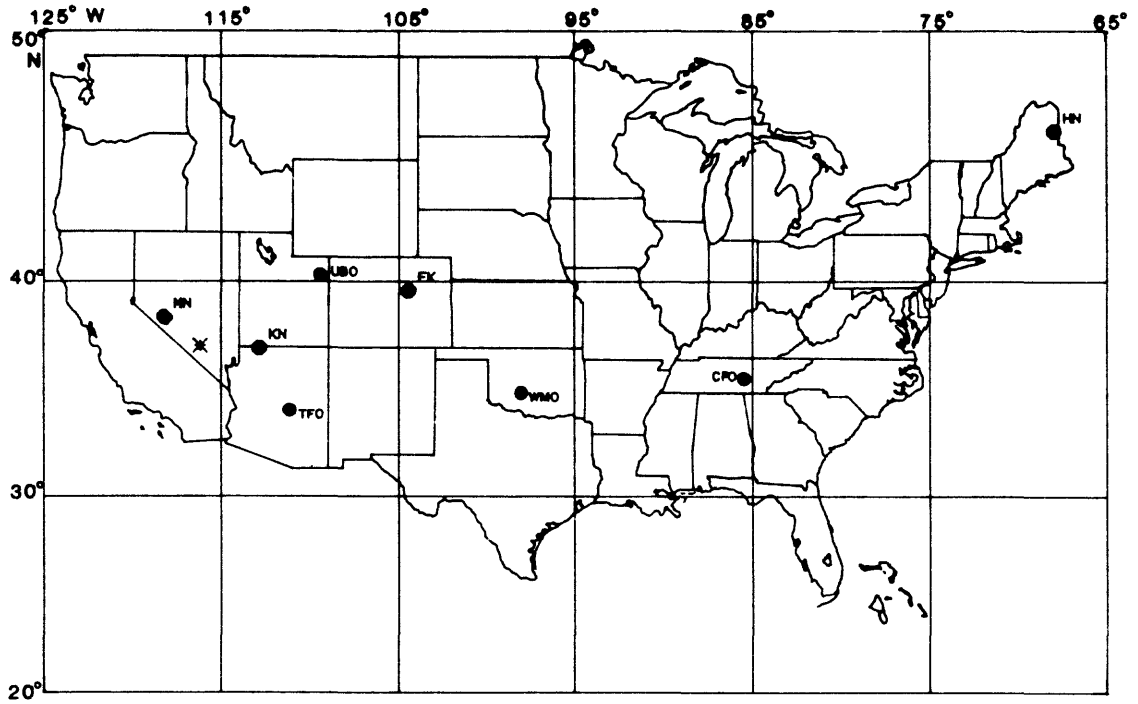


Figure 61

19 Jan 1967; MB= 5.3



20 Jan 1967; MB= 5.1

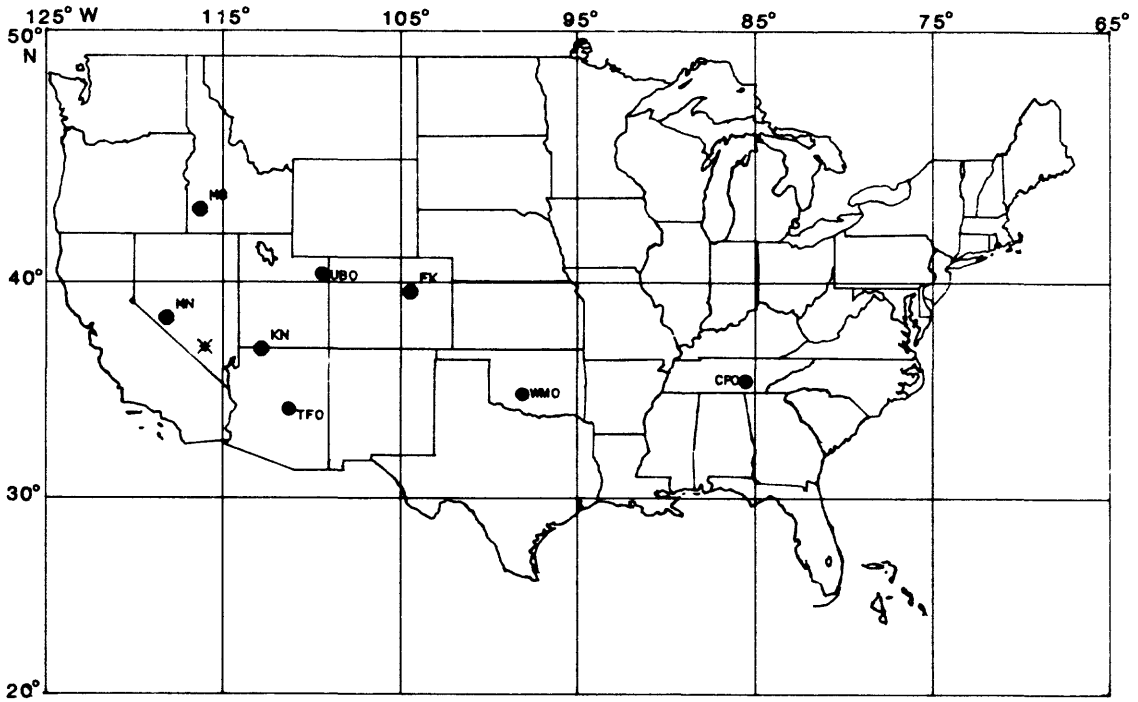
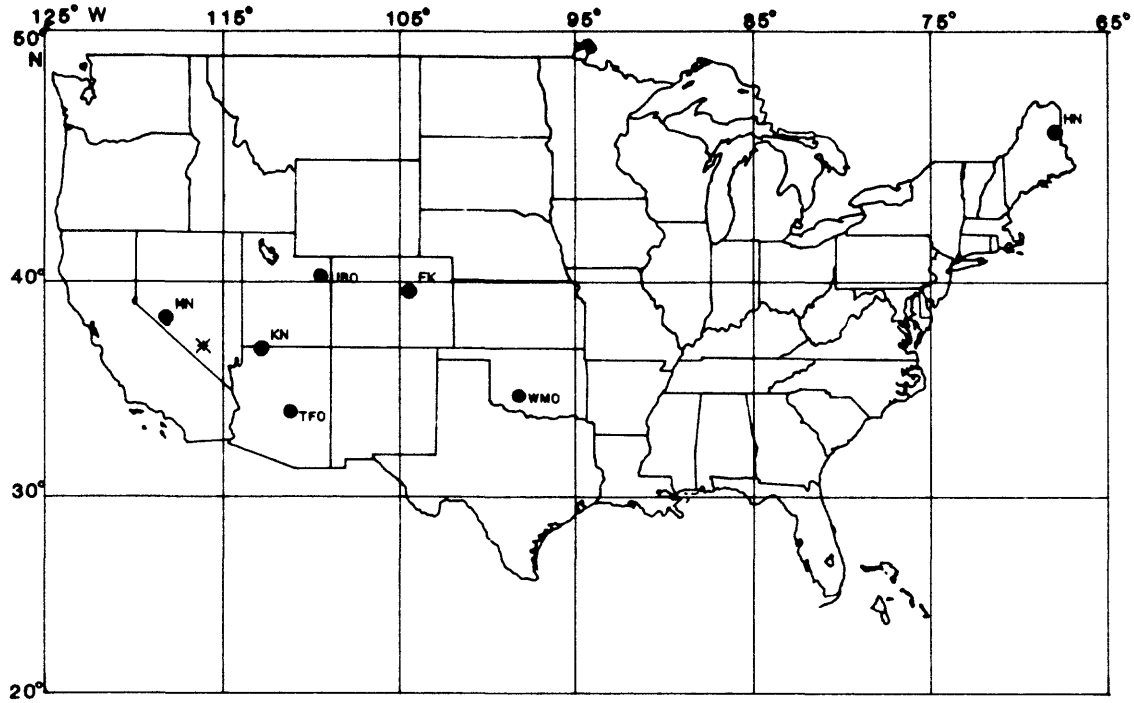


Figure 62

20 May 1967; MB=5.7



23 May 1967; MB= 5.6

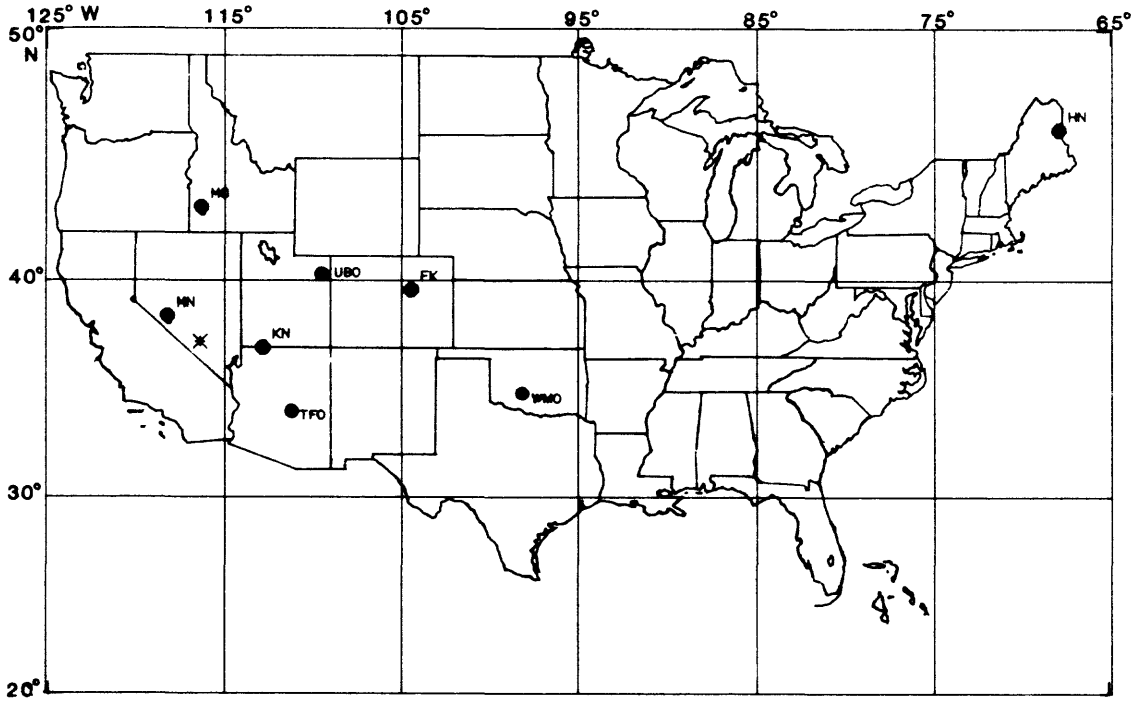
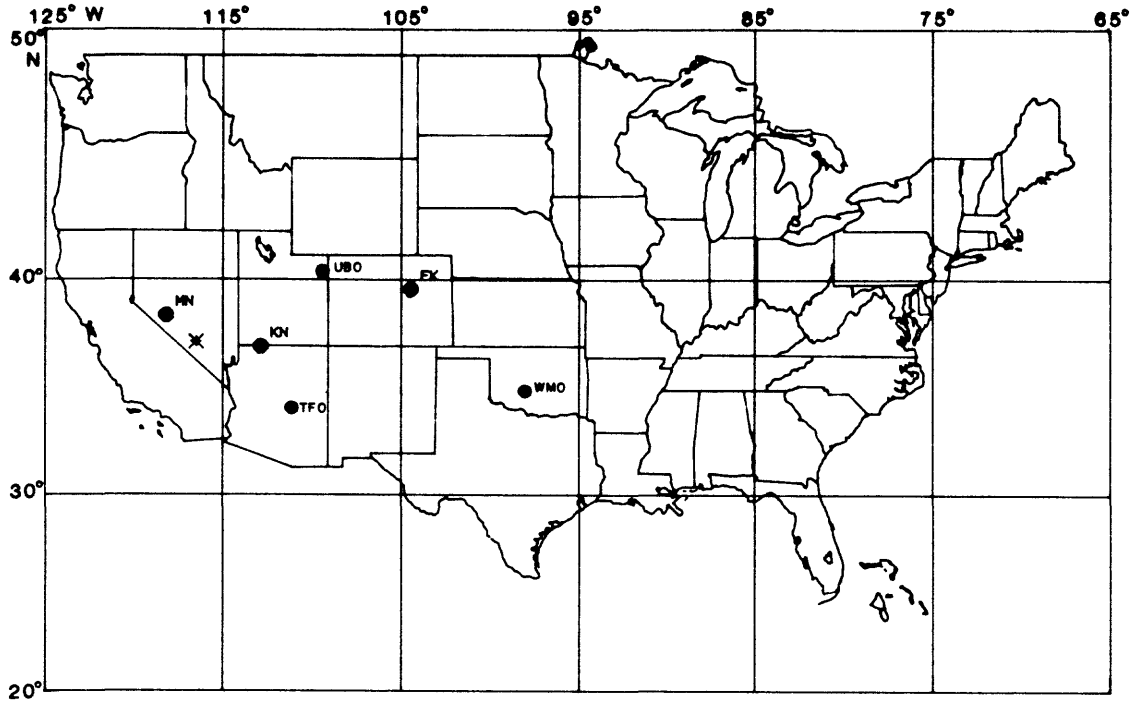


Figure 63

26 May 1967; MB= 5.5



21 Nov 1967; MB= 4.2

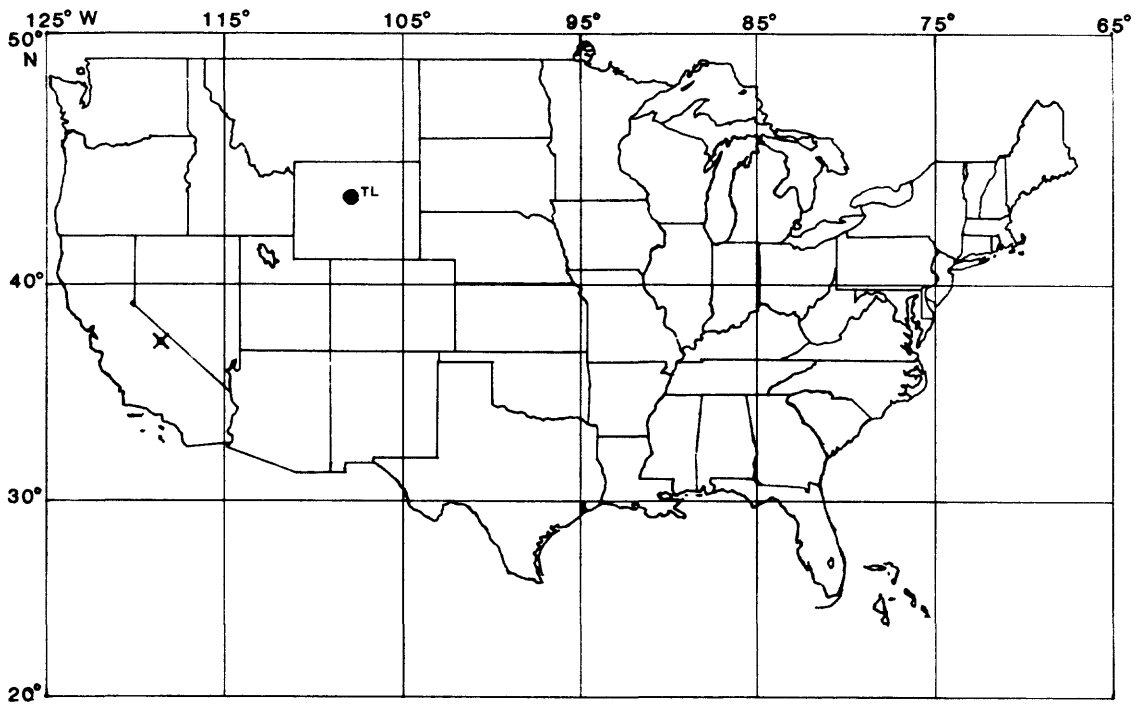
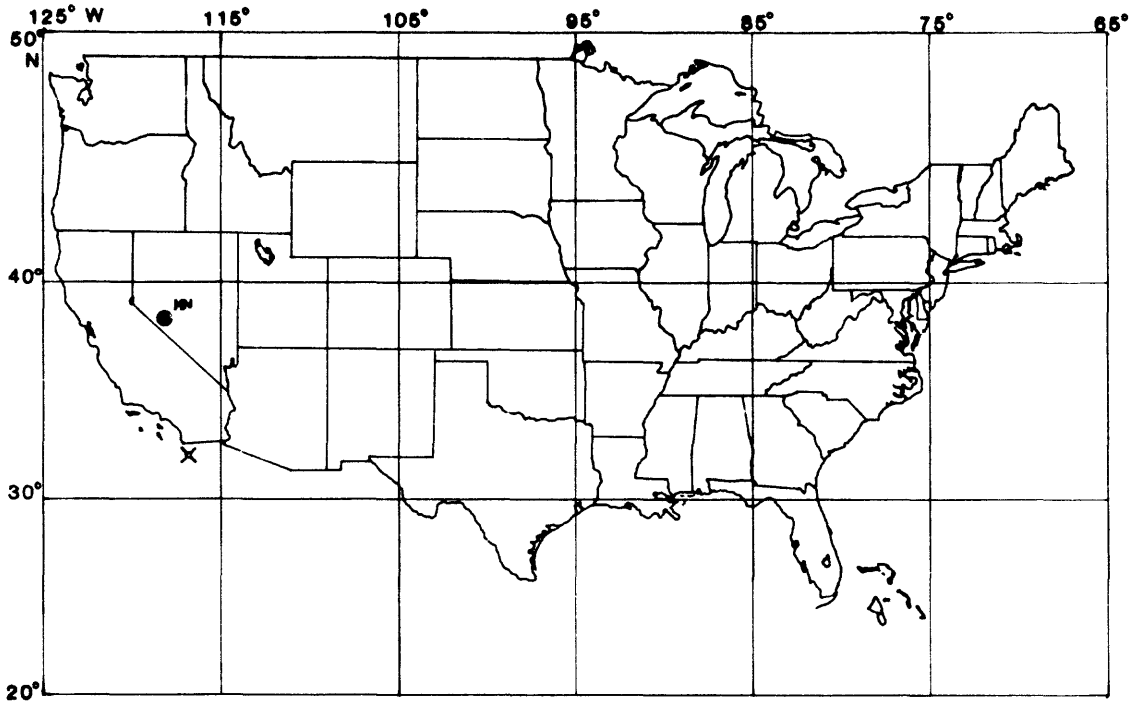


Figure 64

23 Apr 1968; MB= 4.7



23 Apr 1968; MB= 4.5

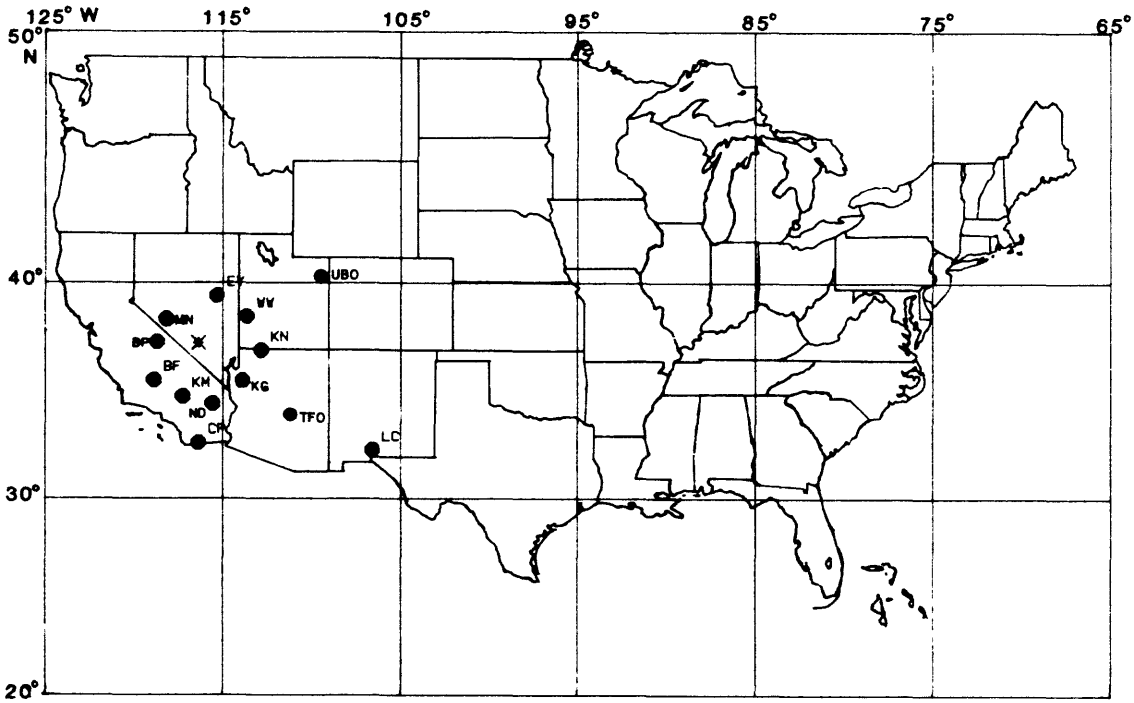
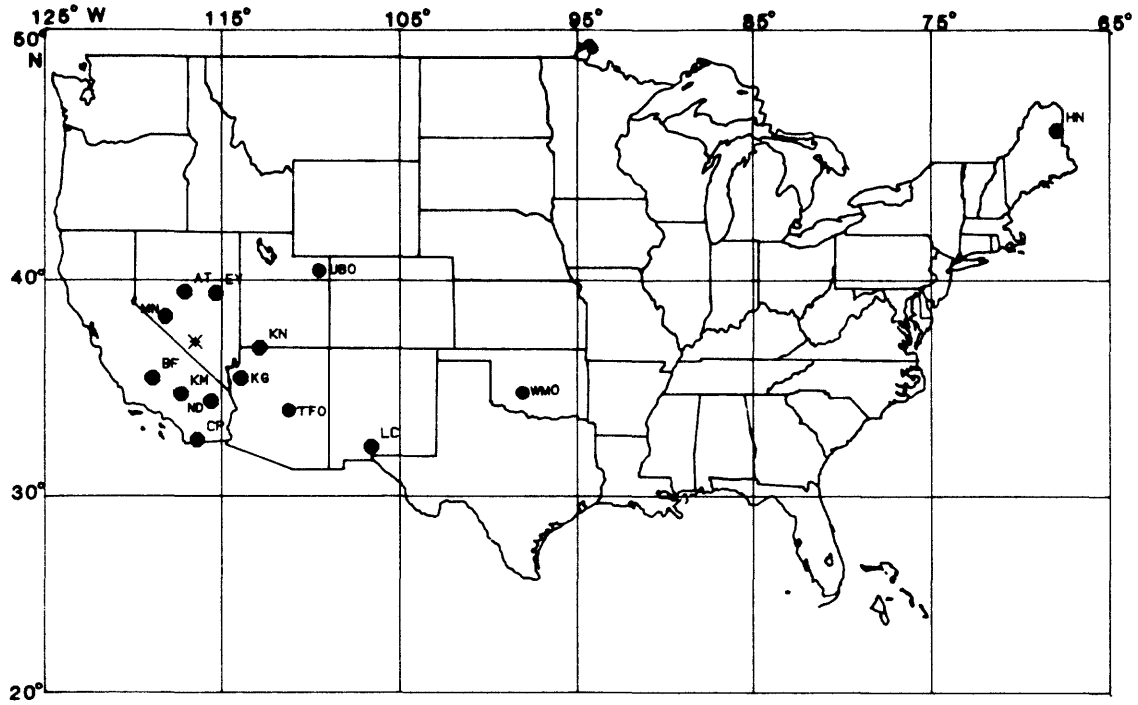


Figure 65

26 Apr 1968; MB= 6.4



19 Dec 1968; MB= 6.4

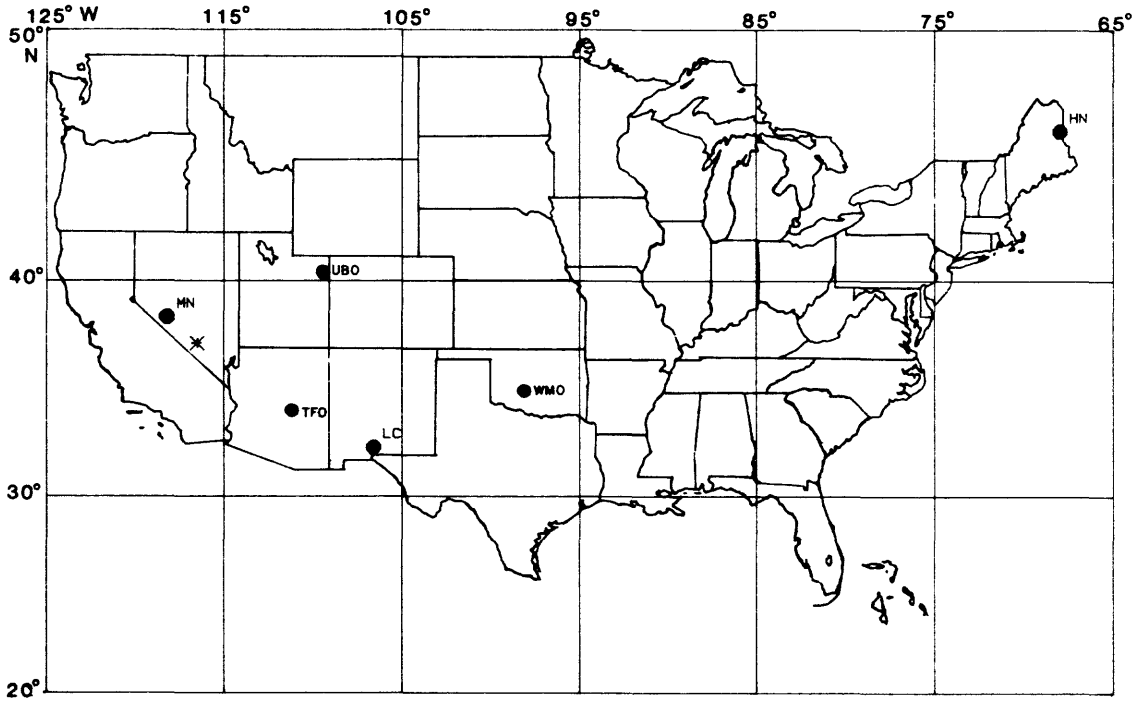
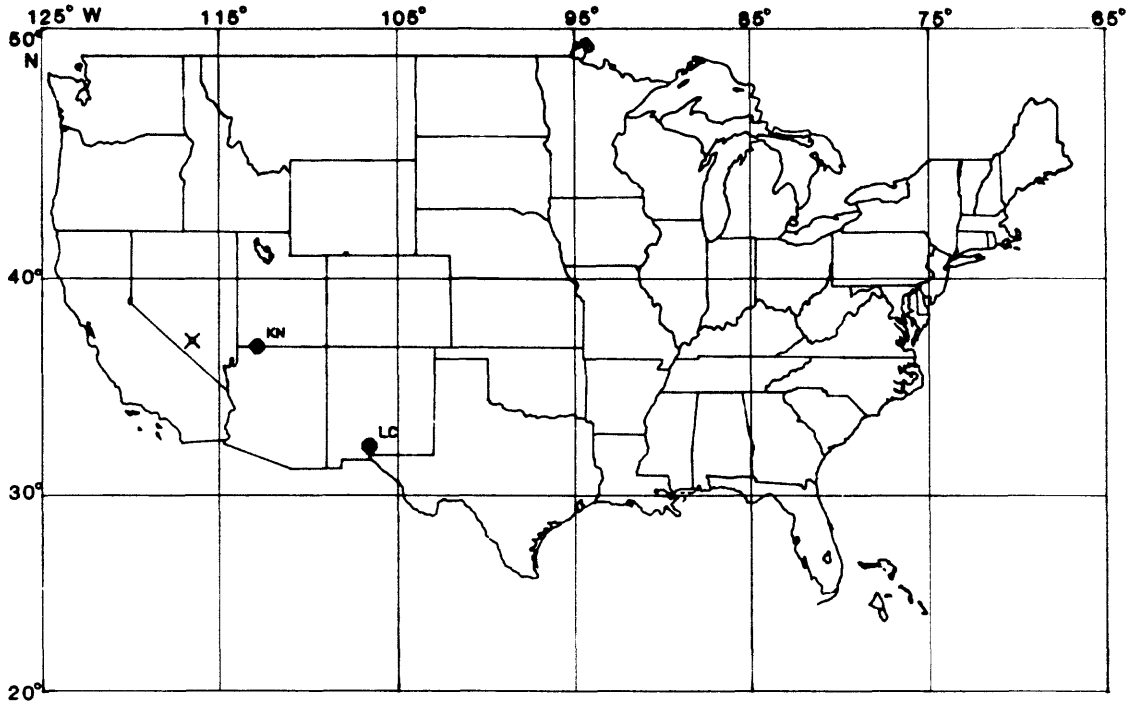


Figure 66

8 Oct 1969; MB= 5.5



page 101 follows

Table 2. — *Lg*-wave vertical component of ground motion recorded on the LRSM stations in the conterminous United States.

[*Event identification:* date of event; coordinates (degrees); and magnitude (m_b or M_L). *Column identification:* station code (listed in table 4); distance (kilometers); azimuth (degrees); period (seconds); and amplitude divided by period (millimicrons per seconds).]

Table 2

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1962 Feb 09				
37.04 N 116.04 W				
Magnitude (ML)= 6.25				
MN-NV	242.4	130	0.9	3632.6
BF-CL	296.9	59	0.7	2287.9
TN-CL	315.8	359	0.5	10154.0
FM-UT	413.7	234	0.8	1707.0
FS-AZ	479.3	299	1.0	478.0
CP-CL	479.3	4	0.6	2156.5
SF-AZ	577.1	301	0.6	3138.3
VN-UT	680.5	236	0.8	457.0
SV-AZ	711.7	297	0.5	1671.5
DR-CO	732.8	266	0.9	315.8
LC-NM	1005.2	301	1.0	52.8
1962 Feb 15				
37.23 N 116.06 W				
Magnitude (MB)= 4.90				
DV-CL	154.6	2	0.7	3260.0
MN-NV	228.0	126	0.7	1492.0
AT-NV	262.4	160	0.6	4664.0
KN-UT	288.0	275	0.6	2800.0
TN-CL	335.8	358	0.6	592.0
WM-AZ	399.2	301	0.8	992.0
FM-UT	402.5	238	0.7	816.0
WI-NV	473.7	165	0.5	760.0
CP-CL	500.4	3	0.5	190.0
MV-CL	511.5	114	1.0	275.0
VN-UT	669.4	239	0.8	100.0
VT-OR	688.3	162	0.8	930.0
SV-AZ	710.6	300	0.7	120.0
HL-ID	729.5	193	0.9	84.0
DR-CO	733.9	270	0.9	100.0
LC-NM	1017.5	304	1.1	30.0
RT-NM	1043.1	277	1.0	23.0
TR-WA	1069.7	158	1.0	13.0
EP-TX	1095.3	305	0.7	17.0
EF-TX	1208.7	307	0.8	9.2
GN-NM	1244.3	300	0.9	82.0
BM-TX	1324.4	305	1.0	19.4
SS-TX	1501.2	306	1.1	8.4
WN-SD	1503.4	249	1.1	43.0
HB-OK	1556.8	283	1.0	16.0
WMO	1597.9	285	1.1	7.5
LP-TX	1764.7	305	1.3	4.3

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1962 Feb 19				
37.05 N 116.03 W				
Magnitude (MB)= 4.04				
N2-NV	48.9	0	0.4	2450.0
DV-CL	134.6	2	0.5	758.0
MN-NV	242.4	127	0.6	272.0
KN-UT	284.7	271	0.4	370.0
AT-NV	284.7	163	0.5	497.0
TN-CL	315.8	359	0.5	220.0
WM-AZ	388.1	300	1.0	193.0
FM-UT	412.6	236	0.6	70.5
FS-AZ	478.2	298	0.3	72.7
CP-CL	480.4	4	0.6	30.2
MV-CL	521.5	116	0.6	22.3
VN-UT	671.6	236	0.8	14.1
VT-OR	707.2	163	0.5	109.0
DR-CO	732.8	267	0.3	19.3
HL-ID	748.4	192	0.6	8.8
TC-NM	890.7	299	1.0	26.2
LC-NM	1005.2	303	1.0	5.0
1962 Feb 19				
37.13 N 116.04 W				
Magnitude (MB)= 4.00				
N2-NV	54.5	0	0.6	1030.0
DV-CL	143.4	1	0.6	1110.0
MN-NV	235.7	125	0.5	474.0
AT-NV	276.9	162	0.5	629.0
KN-UT	285.8	271	0.6	314.0
TN-CL	324.7	359	0.4	220.0
WM-AZ	392.5	301	0.5	228.0
FM-UT	408.1	136	0.6	128.0
FS-AZ	482.6	301	0.7	42.3
CP-CL	489.3	4	0.6	34.7
MV-CL	551.6	116	0.5	54.6
SF-AZ	581.6	303	0.6	28.6
VN-UT	675.0	237	0.6	14.3
VT-OR	698.3	164	0.5	102.0
SV-AZ	703.9	299	0.7	26.1
DR-CO	732.8	268	0.8	25.4
HL-ID	739.5	192	0.6	15.7
TC-NM	895.2	300	0.6	13.3
LC-NM	1009.7	302	1.1	5.4

Table 2—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1962 Mar 05				
37.11 N 116.36 W				
Magnitude (MB)= 4.20				
DV-CL	136.8	345	0.6	426.0
MN-NV	205.7	135	0.7	316.0
AT-NV	259.1	170	0.6	407.0
KN-UT	302.5	273	0.7	92.0
TN-CL	312.5	345	0.7	87.9
WM-AZ	402.5	299	0.7	70.7
FM-UT	417.0	237	0.7	66.1
WI-NV	463.7	170	0.5	39.5
CP-CL	469.3	14	0.6	12.1
MV-CL	490.4	117	0.8	24.6
FS-AZ	491.5	299	0.5	38.6
SF-AZ	588.2	302	0.7	18.1
VT-OR	675.0	171	0.5	45.5
HL-ID	730.6	187	0.6	10.7
DR-CO	745.0	269	0.7	7.4
1962 Apr 05				
37.04 N 116.02 W				
Magnitude (MB)= 4.60				
DV-CL	134.6	1	0.7	3320.0
MN-NV	242.4	127	0.7	898.0
KN-UT	283.6	270	0.8	1200.0
AT-NV	285.8	163	0.9	1460.0
BF-CL	296.9	59	0.7	213.0
TN-CL	314.7	359	0.5	551.0
WM-AZ	387.0	299	0.4	507.0
FM-UT	412.6	236	0.7	253.0
FS-AZ	477.0	298	0.9	204.0
CP-CL	479.3	4	0.6	162.0
WI-NV	493.7	166	0.6	73.1
SF-AZ	576.0	302	0.9	135.0
VT-OR	707.2	163	0.6	223.0
DR-CO	731.7	268	0.8	61.0
HL-ID	748.4	192	0.7	35.5
TC-NM	889.6	299	0.8	55.3
LC-NM	1004.1	301	0.7	8.8
EF-TX	1195.4	304	1.0	6.7
1962 Jun 06				
37.05 N 116.04 W				
Magnitude (MB)= 4.20				
FS-AZ	479.3	299	0.6	151.0
1962 Jun 08				
38.33 N 119.30 W				
Magnitude (ML)= 4.20				
WI-NV	370.3	205	0.5	4518.8
FM-UT	623.8	262	0.5	2767.3
CP-CL	676.1	337	0.6	1112.1
FS-AZ	800.6	297	0.7	540.5
1962 Jul 06				
37.18 N 116.04 W				
Magnitude (MB)= 4.70				
PT-OR	966.3	165	5.0	115.3
1962 Jul 08				
37.50 N 114.20 W				
Magnitude (ML)= 4.40				
FM-UT	258.0	223	0.6	15724.2
CP-CL	564.9	21	0.7	1278.7
DR-CO	567.1	270	0.7	1706.6
MV-CL	648.3	87	0.5	5344.8
LC-NM	895.2	309	1.0	102.5
1962 Jul 14				
40.43 N 125.52 W				
Magnitude (ML)= 5.10				
FM-UT	1146.5	277	3.0	404.8
CP-CL	1182.1	316	1.6	169.3
FS-AZ	1384.4	296	3.3	138.8
DR-CO	1570.1	282	2.5	87.9
LC-NM	1911.5	298	2.5	75.6
SS-TX	2396.4	299	2.5	30.5
HB-OK	2405.3	284	3.0	68.1
SE-MN	2563.2	261	2.5	53.0
1962 Aug 23				
41.85 N 124.33 W				
Magnitude (ML)= 5.60				
FM-UT	1067.5	286	1.1	1003.7
CP-CL	1232.1	321	1.4	208.3
FS-AZ	1361.1	304	3.0	234.6
DR-CO	1499.0	289	1.7	98.5
HK-WY	1658.0	271	0.9	1021.2
LC-NM	1887.1	304	1.2	403.8
SS-TX	2369.7	303	2.5	116.6

Table 2—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1962 Aug 30				
40.70 N 112.00 W				
Magnitude (ML)= 5.70				
MV-CL	810.6	79	0.8	1577.3
CP-CL	966.3	25	1.3	495.7
SS-TX	1473.4	324	0.9	673.4
HT-MN	1628.0	254	1.1	6231.7
GV-TX	1704.7	303	1.0	2752.6
MP-AR	1791.4	293	1.2	1227.5
SJ-TX	1919.3	319	1.0	1063.1
CV-TN	2216.2	284	1.3	923.3
MM-TN	2375.2	283	1.0	380.6
1962 Sep 05				
41.80 N 111.80 W				
Magnitude (ML)= 5.10				
FM-UT	288.0	5	1.5	1506.7
HK-WY	619.4	271	1.1	1849.1
FS-AZ	748.4	358	1.2	934.9
MV-CL	854.0	71	0.7	1948.7
TF-CL	1024.2	44	0.9	473.7
AY-SD	1056.4	260	0.8	3027.3
CP-CL	1085.3	22	0.8	644.1
LC-NM	1140.9	336	0.8	661.7
HB-OK	1341.1	63	1.0	905.5
SE-MN	1422.2	259	0.6	3853.0
SS-TX	1559.0	327	1.0	347.3
CT-OK	1668.0	299	1.3	270.3
MP-AR	1813.7	296	0.9	494.0
AR-WS	1947.1	257	0.9	654.7
CV-TN	2216.2	288	0.7	557.4
1962 Sep 20				
37.06 N 116.03 W				
Magnitude (MB)= 4.40				
DR-CO	732.8	269	0.7	42.0
1962 Oct 05				
37.14 N 116.05 W				
Magnitude (MB)= 5.06				
N2-NV	57.8	354	2.0	312000.0
FM-UT	408.1	237	2.0	5850.0
TFO	536.0	308	2.5	2400.0
BMO	862.9	173	1.5	500.0
SE-MN	1971.6	253	2.0	181.0
WG-VA	3180.3	279	2.0	62.5
1962 Oct 27				
37.15 N 116.05 W				
Magnitude (MB)= 4.20				
MV-CL	514.9	115	0.6	39.0
1962 Nov 06				
45.80 N 122.50 W				
Magnitude (MB)= 4.80				
MV-CL	738.4	352	1.1	1019.8
MN-NV	894.0	336	1.5	301.3
FM-UT	1117.6	311	1.5	449.9
TF-CL	1201.0	350	1.5	190.3
FS-AZ	1521.2	322	1.5	97.0
DR-CO	1533.4	307	2.5	67.5
CP-CL	1543.5	340	3.0	120.9
LC-NM	2019.4	317	4.0	90.8
1962 Nov 30				
34.33 N 116.90 W				
Magnitude (ML)= 4.30				
MV-CL	668.3	144	0.8	1877.4
FM-UT	685.0	218	0.9	973.2
WI-NV	780.6	176	0.6	2675.9
DR-CO	892.9	247	0.6	2150.0
LC-NM	981.9	283	0.7	745.8
SS-TX	1453.4	290	1.1	56.2
1962 Dec 05				
30.90 N 104.60 W				
Magnitude (MB)= 4.00				
FM-UT	658.3	143	0.5	13741.9
HB-OK	726.1	228	0.5	13707.5
FS-AZ	799.5	127	0.6	4159.9
LC-NM	850.7	132	0.6	3245.5
HL-ID	902.9	149	0.7	675.8
SE-MN	961.9	210	0.5	7594.6
WI-NV	1098.7	136	0.8	282.3
MP-AR	1173.2	250	0.6	11995.2
MN-NV	1180.9	124	1.1	101.9
SJ-TX	1481.2	302	0.7	2239.1
MM-TN	1740.3	254	0.7	2432.4

Table 2—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1963 Feb 25				
42.60 N 109.20 W				
Magnitude (MB)= 4.30				
PM-WY	354.7	296	0.5	5796.7
HL-ID	371.4	86	0.8	1372.5
FM-UT	452.6	34	0.9	1671.4
DR-CO	582.7	348	0.6	1859.7
WI-NV	698.3	79	0.6	890.3
FS-AZ	856.2	12	0.7	2319.7
MN-NV	887.4	59	0.8	229.1
LC-NM	1155.4	349	0.7	146.2
SE-MN	1192.1	261	0.8	599.2
HB-OK	1213.2	313	0.6	1634.1
MP-AR	1652.4	303	0.7	515.8
1963 Apr 26				
32.60 N 115.70 W				
Magnitude (ML)= 4.00				
BF-CL	445.9	139	0.6	1616.8
FS-AZ	490.4	231	0.4	1843.8
MN-NV	685.0	162	0.6	149.9
EY-NV	756.2	183	0.6	219.7
1963 May 09				
40.56 N 124.10 W				
Magnitude (ML)= 4.00				
MV-CL	282.4	302	0.4	10895.9
WI-NV	567.1	261	0.5	114.1
1963 Jun 05				
37.20 N 116.21 W				
Magnitude (MB)= 4.36				
ND-CL	294.7	348	0.8	259.0
KN-UT	301.4	274	0.6	401.0
1963 Jul 08				
37.00 N 90.50 W				
Magnitude (MB)= 4.10				
WT-TN	523.8	281	0.3	13227.5
1963 Jul 10				
39.90 N 111.40 W				
Magnitude (MB)= 4.20				
DR-CO	414.8	310	0.7	2787.2
HL-ID	479.3	149	0.6	1109.0
AT-NV	489.3	85	0.7	1058.3
KG-AZ	521.5	26	0.6	801.6
PM-WY	531.5	254	0.5	4931.2
MN-NV	604.9	75	1.0	312.3
FR-MA	798.4	211	0.6	1394.8
1963 Sep 06				
44.30 N 114.70 W				
Magnitude (MB)= 4.10				
FR-MA	679.4	253	0.4	3176.0
MN-NV	712.8	24	0.5	545.2
GI-MA	876.3	249	0.5	829.9
1963 Sep 30				
38.00 N 111.00 W				
Magnitude (ML)= 4.50				
CP-CL	761.7	40	1.0	514.0
AZ-TX	858.5	290	0.8	4783.3
FR-MA	975.2	203	0.6	5935.3
GI-MA	1162.0	209	0.8	2941.5
AP-OK	1179.8	288	0.7	1212.8
HE-TX	1622.4	303	0.7	1138.6
1963 Oct 16				
42.50 N 70.80 W				
Magnitude (MB)= 4.50				
LS-NH	213.5	156	1.0	4266.5
DH-NY	338.0	86	0.6	17895.5
BL-WV	1036.4	60	0.5	8766.6
EU-AL	1848.1	54	0.9	315.6
1963 Oct 29				
43.10 N 111.60 W				
Magnitude (MB)= 4.00				
HL-ID	223.5	85	0.5	3864.5

Table 2—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
WI-NV	512.6	68	0.5	1129.2
BX-UT	641.6	343	0.6	799.3
DR-CO	705.0	333	0.9	85.6
MN-NV	757.3	47	0.6	233.7

1963 Oct 29
40.40 N 124.90 W
Magnitude (ML)= 4.30

MV-CL	335.8	293	0.5	9282.3
MN-NV	620.5	291	0.8	781.9
WI-NV	636.1	261	0.9	315.8
HL-ID	953.0	248	1.0	64.7

1963 Nov 05
27.80 N 92.40 W
Magnitude (MB)= 4.80

EU-AL	702.8	220	0.5	3456.4
LC-NM	1458.9	110	0.8	187.3
RT-NM	1497.9	132	1.0	83.2

1963 Nov 23
30.10 N 114.00 W
Magnitude (ML)= 5.90

BX-UT	908.5	208	0.7	2768.9
MN-NV	945.2	157	1.5	153.3
CU-NV	960.8	172	1.0	689.6
DR-CO	998.6	215	1.0	668.9
RT-NM	1158.7	231	1.5	276.8
MV-CL	1211.0	147	1.8	212.5
WI-NV	1286.6	167	1.3	201.5
AZ-TX	1352.2	243	1.3	2212.4
SK-TX	1392.2	247	1.7	430.7
HE-TX	1732.5	279	3.0	1118.8
GV-TX	1735.8	259	2.5	832.6
FR-MA	1893.7	201	2.7	207.2
GI-MA	2076.1	204	4.5	241.2
LV-LA	2118.4	264	3.0	326.8
EU-AL	2494.2	263	2.0	118.4

1963 Dec 22
44.40 N 114.60 W
Magnitude (MB)= 4.40

WI-NV	411.4	36	0.5	3400.8
EK-NV	583.8	9	0.5	3314.8
TK-WA	620.5	141	0.5	1265.8
CU-NV	639.4	7	0.6	402.0
FR-MA	668.3	254	0.5	1382.2
MN-NV	726.1	25	0.5	561.7
MV-CL	800.6	44	0.6	197.5

1964 Jan 16
36.00 N 89.50 W
Magnitude (MB)= 4.50

BL-WV	733.9	255	0.5	7387.7
BR-PA	993.0	246	0.5	2352.3
SK-TX	998.6	84	0.5	2679.6
RT-NM	1325.5	94	0.9	960.9
HH-ND	1542.3	152	0.5	1400.6
DR-CO	1623.5	96	0.5	232.1
FR-MA	1747.0	128	0.7	414.5

1964 Jan 28
43.20 N 111.40 W
Magnitude (MB)= 4.20

PI-WY	172.4	301	0.5	7200.0
HL-ID	235.7	102	0.5	4155.2
FR-MA	508.2	231	0.6	762.1
BX-UT	648.3	345	0.5	1236.8
DR-CO	707.2	334	0.7	181.4

1964 Feb 18
34.80 N 85.50 W
Magnitude (MB)= 4.40

JE-LA	692.8	61	0.5	17605.7
BR-PA	818.4	226	0.5	7718.4
DH-NY	1239.9	228	0.6	7296.7
SK-TX	1356.6	91	0.6	5043.8
LS-NH	1565.7	229	0.7	1965.7
RT-NM	1715.8	97	0.8	697.2
DR-CO	2022.7	99	0.8	59.4

1964 Feb 21
31.40 N 114.11 W
Magnitude (MB)= 4.70

CP-CL	259.1	125	0.7	3937.5
KM-CL	484.8	142	0.8	1236.4
LC-NM	718.4	262	0.8	686.7

Table 2—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
BX-UT	807.3	213	0.8	1721.7
CU-NV	816.2	172	1.1	347.5
DR-CO	888.5	222	1.5	236.8
RT-NM	1076.4	237	1.5	114.4
PI-WY	1291.0	198	2.5	199.7
SK-TX	1343.3	252	2.0	92.7
HL-ID	1360.0	180	2.0	27.3
1964 Feb 25				
26.50 N 111.40 W				
Magnitude (MB)= 4.80				
LC-NM	802.9	216	0.9	652.9
CP-CL	840.7	146	1.5	283.9
DR-CO	1262.1	196	1.5	42.3
MN-NV	1466.7	154	1.5	34.0
1964 Mar 28				
42.90 N 101.60 W				
Magnitude (MB)= 5.10				
GV-TX	1183.2	340	0.8	7029.0
JE-LA	1495.6	326	0.9	1886.5
EU-AL	1645.8	313	0.8	3216.9
BL-WV	1810.3	288	0.7	1236.9
BR-PA	1926.0	280	1.1	492.7
DH-NY	2186.2	272	0.9	1396.3
LS-NH	2463.1	266	1.0	479.7
1964 Apr 24				
37.15 N 116.06 W				
Magnitude (MB)= 4.95				
PI-WY	810.6	225	1.0	633.0
1964 Apr 28				
31.20 N 93.90 W				
Magnitude (MB)= 4.40				
RT-NM	1144.2	122	0.8	1576.4
BL-WV	1366.6	238	0.7	947.1
DR-CO	1452.3	118	1.0	129.2
FR-MA	1977.1	146	1.0	165.6
GI-MA	1982.7	154	1.0	267.5
HH-ND	2012.7	169	0.9	555.1
DH-NY	2087.2	234	0.6	575.2
1964 Jun 26				
48.20 N 115.10 W				
Magnitude (MB)= 4.70				
FR-MA	697.2	291	0.5	8378.7
GI-MA	824.0	278	0.5	7206.8
HH-ND	1212.1	266	0.5	5716.5
1964 Oct 21				
44.80 N 111.60 W				
Magnitude (MB)= 5.80				
SG-AZ	1027.5	9	0.9	511.3
RT-NM	1084.2	321	1.0	842.4
WO-AZ	1105.3	356	1.3	496.7
JR-AZ	1108.7	2	0.9	1130.7
HR-AZ	1127.6	357	0.9	741.6
LG-AZ	1154.3		1.3	325.1
SN-AZ	1214.3	1	2.0	134.9
GE-AZ	1227.6	356	1.5	237.6
LC-NM	1443.4	342	1.6	88.8
WF-MN	1535.7	275	1.2	907.5
VO-IO	1596.8	281	0.9	1989.5
FO-TX	1811.4	335	1.2	115.3
GV-TX	1827.0	317	2.5	383.5
JE-LA	2230.7		2.0	131.9
EU-AL	2442.0	303	1.2	479.1
1964 Nov 04				
39.60 N 110.30 W				
Magnitude (MB)= 4.00				
DR-CO	323.6	317	0.5	1948.1
HR-AZ	549.3	4	0.6	1331.7
LG-AZ	587.1	11	0.5	1325.5
GE-AZ	647.2	1	0.5	742.1
SN-AZ	648.3	11	0.6	448.7
1964 Nov 25				
37.40 N 81.50 W				
Magnitude (MB)= 4.50				
BR-PA	363.6	220	0.5	22330.1
HD-PA	522.6	221	0.6	13674.4
DH-NY	780.6	227	0.6	4404.6

Table 2—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1964 Dec 22				
31.80 N 117.12 W				
Magnitude (MB)= 6.30				
HY-MA	1794.8	209	1.4	133.9
VO-IO	2494.2	243	2.0	152.2
1965 Feb 18				
36.82 N 115.95 W				
Magnitude (MB)= 4.54				
RT-NM	1034.2	274	1.4	88.9
1965 Feb 27				
28.70 N 112.00 W				
Magnitude (MB)= 4.60				
GE-AZ	579.4	194	0.5	5080.4
LG-AZ	633.8	183	0.5	5101.3
LC-NM	660.5	231	0.7	1842.8
HR-AZ	671.6	190	0.5	3983.5
JR-AZ	679.4	181	0.6	2752.1
WO-AZ	697.2	191	0.5	3700.8
RT-NM	1142.0	219	0.9	582.7
1965 Mar 03				
37.06 N 116.04 W				
Magnitude (MB)= 5.33				
UBO	668.3	239	1.0	1060.0
1965 Jul 15				
37.30 N 74.40 W				
Magnitude (MB)= 5.10				
FN-WV	470.4	87	0.8	10811.9
DH-NY	550.4	171	0.8	746.1
BL-WV	612.7	95	0.7	19691.1
AP-OK	2177.3	83	1.5	133.5
1965 Aug 15				
37.50 N 89.30 W				
Magnitude (MB)= 5.10				
FN-WV	866.2	262	0.5	1176.5
DH-NY	1338.8	247	0.7	495.5
1966 Mar 09				
27.70 N 114.90 W				
Magnitude (MB)= 5.50				
MN-NV	1245.4	165	1.5	35.0
1966 Jun 03				
37.07 N 116.04 W				
Magnitude (MB)= 5.56				
WN-SD	1511.2	248	1.4	4810.0
1966 Jul 23				
47.50 N 88.90 W				
Magnitude (MB)= 4.20				
RG-SD	1153.1	78	0.5	2805.3
1967 Nov 21				
37.47 N 118.58 W				
Magnitude (MB)= 4.20				
TL-WY	1106.4	233	0.6	6153.5
1968 Apr 23				
32.10 N 116.78 W				
Magnitude (MB)= 4.70				
MN-NV	713.9	169	0.8	2458.8
1968 Apr 26				
37.30 N 116.46 W				
Magnitude (MB)= 6.42				
MN-NV	195.7	129	1.1	303700.0
1969 Oct 08				
37.26 N 116.45 W				
Magnitude (MB)= 5.50				
KN-UT	329.2	276	0.9	82605.8
LC-NM	1078.6	301	0.8	1902.0

Table 3. — *Lg*-wave radial component of ground motion recorded on the LRSM stations in the conterminous United States.

[*Event identification:* date of event; coordinates (degrees); and magnitude (m_b or M_L). *Column identification:* station code (listed in table 4); distance (kilometers); azimuth (degrees); period (seconds); amplitude divided by period (millimicrons per seconds); and instrument component other than radial: N, S or E, W.]

Table 3

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1961 Dec 13					
37.13 N 116.05 W					
Magnitude (MB)= 3.40					
SF-AZ	582.7	302	0.8	11.9	
1962 Feb 09					
37.04 N 116.04 W					
Magnitude (ML)= 6.25					
MN-NV	242.4	130	0.8	4729.1	
BF-CL	296.9	59	1.0	1313.7	
TN-CL	315.8	359	0.6	6078.1	
FS-AZ	479.3	299	1.0	570.5	
CP-CL	479.3	4	0.5	2847.5	
SF-AZ	577.1	301	0.7	2563.5	
VN-UT	680.5	236	0.8	605.5	
VT-OR	703.9	164	0.8	2279.4	
SV-AZ	711.7	297	0.8	1254.4	
DR-CO	732.8	266	0.7	768.7	
LC-NM	1005.2	301	1.0	49.5	
1962 Feb 15					
37.23 N 116.06 W					
Magnitude (MB)= 4.90					
MN-NV	228.0	126	0.7	2663.0	
AT-NV	262.4	160	0.6	4580.0	
KN-UT	288.0	275	0.6	3000.0	
BF-CL	304.7	54	0.7	438.0	
TN-CL	335.8	358	0.6	1960.0	
WM-AZ	399.2	301	0.8	1052.0	
FM-UT	402.5	238	0.7	560.0	
W1-NV	473.7	165	0.5	1000.0	
CP-CL	500.4	3	0.5	185.0	
MV-CL	511.5	114	1.0	210.0	
VN-UT	669.4	239	0.8	220.0	
VT-OR	688.3	162	0.8	1250.0	
SV-AZ	710.6	300	0.7	283.0	
HL-ID	729.5	193	0.9	153.0	
DR-CO	733.9	270	0.9	130.0	
LC-NM	1017.5	304	1.1	24.0	
RT-NM	1043.1	277	1.0	35.0	
EP-TX	1095.3	305	0.7	21.0	
EF-TX	1208.7	307	0.8	6.0	
GN-NM	1244.3	300	0.9	127.0	
BM-TX	1324.4	305	1.0	8.2	
SS-TX	1501.2	306	1.1	8.0	
WN-SD	1503.4	249	1.1	52.0	
HB-OK	1556.8	283	1.0	20.0	
WMO	1597.9	285	1.1	6.5	E
LP-TX	1764.7	305	1.3	6.2	
1962 Feb 19					
37.05 N 116.03 W					
Magnitude (MB)= 4.04					
N2-NV	48.9	0	0.4	3200.0	
DV-CL	134.6	2	0.4	1440.0	
MN-NV	242.4	127	0.6	313.0	
KN-UT	284.7	271	0.5	349.0	
AT-NV	284.7	163	0.5	732.0	
TN-CL	315.8	359	0.4	648.0	
WM-AZ	388.1	300	0.4	124.0	
FM-UT	412.6	236	0.5	68.7	
FS-AZ	478.2	298	0.4	51.5	
CP-CL	480.4	4	0.4	24.4	
MV-CL	521.5	116	0.5	16.0	
SF-AZ	577.1	302	1.0	58.4	
VN-UT	671.6	236	0.8	23.9	
SV-AZ	700.6	298	0.6	18.5	
VT-OR	707.2	163	0.7	137.0	
DR-CO	732.8	267	0.4	26.9	
HL-ID	748.4	192	0.5	9.2	
TC-NM	890.7	299	0.4	28.4	
1962 Feb 19					
37.13 N 116.04 W					
Magnitude (MB)= 4.00					
N2-NV	54.5	0	0.4	660.0	
DV-CL	143.4	1	0.7	1210.0	
MN-NV	235.7	125	0.6	625.0	
AT-NV	276.9	162	0.5	602.0	
BF-CL	301.4	57	0.5	106.0	
TN-CL	324.7	359	0.4	524.0	
WM-AZ	392.5	301	0.6	178.0	
FM-UT	408.1	136	0.5	131.0	
FS-AZ	482.6	301	0.7	40.1	
CP-CL	489.3	4	0.5	22.4	
MV-CL	551.6	116	0.5	28.5	

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
SF-AZ	581.6	303	0.6	56.3	
VN-UT	675.0	237	0.6	26.0	
VT-OR	698.3	164	0.5	215.0	
SV-AZ	703.9	299	0.7	23.9	
DR-CO	732.8	268	0.7	20.2	
HL-ID	739.5	192	0.5	18.4	

1962 Mar 05
37.11 N 116.36 W
Magnitude (MB)= 4.20

DV-CL	136.8	345	0.7	305.0	
MN-NV	205.7	135	0.6	204.0	
AT-NV	259.1	170	0.6	429.0	
KN-UT	302.5	273	0.9	114.0	
TN-CL	312.5	345	0.7	21.5	
WM-AZ	402.5	299	0.6	50.7	
FM-UT	417.0	237	0.5	39.2	
WI-NV	463.7	170	0.6	67.1	
CP-CL	469.3	14	0.8	7.9	
MV-CL	490.4	117	0.6	11.9	
FS-AZ	491.5	299	0.6	25.2	
SF-AZ	588.2	302	0.6	26.6	
VT-OR	675.0	171	0.6	147.2	
HL-ID	730.6	187	0.8	15.9	
DR-CO	745.0	269	0.7	6.6	

1962 Apr 05
37.04 N 116.02 W
Magnitude (MB)= 4.60

DV-CL	134.6	1	0.6	3430.0	
MN-NV	242.4	127	0.7	1100.0	
KN-UT	283.6	270	0.6	1460.0	
AT-NV	285.8	163	0.5	1121.0	
WM-AZ	387.0	299	0.6	340.0	
FM-UT	412.6	236	0.6	286.0	
FS-AZ	477.0	298	0.6	135.0	
CP-CL	479.3	4	0.6	98.2	
SF-AZ	576.0	302	0.7	130.0	
SV-AZ	699.4	298	0.8	195.0	
DR-CO	731.7	268	0.9	67.7	
HL-ID	748.4	192	0.7	44.5	
TC-NM	889.6	299	0.8	81.1	
PT-OR	980.8	166	0.6	9.1	
LC-NM	1004.1	301	1.4	39.2	
EP-TX	1082.0	302	0.8	6.0	
LP-TX	1753.6	300	1.4	10.1	

1962 Jun 08
38.33 N 119.30 W
Magnitude (ML)= 4.20

WI-NV	370.3	205	0.7	1921.0	
FM-UT	623.8	262	0.5	4165.9	
CP-CL	676.1	337	0.6	1318.7	
FS-AZ	800.6	297	0.8	324.4	
DR-CO	1017.5	275	0.4	871.7	

1962 Jul 08
37.50 N 114.20 W
Magnitude (ML)= 4.40

FM-UT	258.0	223	0.4	51384.0	
FS-AZ	374.7	317	0.6	4666.2	
CP-CL	564.9	21	0.7	1326.2	
DR-CO	567.1	270	0.7	1439.4	
MV-CL	648.3	87	0.5	2869.1	

1962 Jul 14
40.43 N 125.52 W
Magnitude (ML)= 5.10

FM-UT	1146.5	277	3.0	623.0	
FS-AZ	1384.4	296	3.0	134.6	
DR-CO	1570.1	282	2.5	76.7	
LC-NM	1911.5	298	2.4	57.1	
SS-TX	2396.4	299	2.5	15.6	
HB-OK	2405.3	284	3.0	77.6	

1962 Aug 23
41.85 N 124.33 W
Magnitude (ML)= 5.60

FM-UT	1067.5	286	0.9	1202.4	
CP-CL	1232.1	321	1.8	219.3	
DR-CO	1499.0	289	2.1	129.7	
HK-WY	1658.0	271	1.0	1366.0	
LC-NM	1887.1	304	3.0	169.2	
SS-TX	2369.7	303	2.6	98.5	

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1962 Aug 30					
40.70 N 112.00 W					
Magnitude (ML)= 5.70					
CP-CL	966.3	25	1.3	535.1	
HT-MN	1628.0	254	1.3	3961.5	
GV-TX	1704.7	303	1.0	7369.8	
MP-AR	1791.4	293	0.9	2210.9	
SJ-TX	1919.3	319	1.3	1189.1	
CV-TN	2216.2	284	0.9	1297.5	
MM-TN	2375.2	283	1.0	516.5	
1962 Sep 05					
41.80 N 111.80 W					
Magnitude (ML)= 5.10					
FM-UT	288.0	5	0.8	7403.1	
MN-NV	591.6	55	1.1	594.1	
FS-AZ	748.4	358	0.8	2650.8	
MV-CL	854.0	71	0.9	860.5	
TF-CL	1024.2	44	0.8	913.9	
CP-CL	1085.3	22	0.7	685.5	
LC-NM	1140.9	336	1.0	667.2	
HB-OK	1341.1	63	1.0	876.6	
SE-MN	1422.2	259	0.9	1208.3	
SS-TX	1559.0	327	0.9	492.4	
CT-OK	1668.0	299	1.0	507.1	
MP-AR	1813.7	296	1.0	465.0	
AR-WS	1947.1	257	0.8	501.9	
CV-TN	2216.2	288	0.8	226.2	
MM-TN	2373.0	287	0.6	1180.8	
1962 Oct 05					
37.14 N 116.05 W					
Magnitude (MB)= 5.06					
OD-KY	2870.1	280	2.0	75.0	
BH-OH	3004.6	276	2.0	45.0	
WH-GA	3051.3	287	2.0	27.0	
1962 Oct 27					
37.15 N 116.05 W					
Magnitude (MB)= 4.20					
BMO	861.8	172	0.6	23.0	E

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1962 Nov 06					
45.80 N 122.50 W					
Magnitude (MB)= 4.80					
MV-CL	738.4	352	1.3	855.6	
MN-NV	894.0	336	1.5	358.0	
FM-UT	1117.6	311	2.0	450.8	
TF-CL	1201.0	350	1.5	266.1	
FS-AZ	1521.2	322	2.0	129.7	
DR-CO	1533.4	307	2.0	48.3	
CP-CL	1543.5	340	4.0	127.7	
LC-NM	2019.4	317	3.5	76.8	
1962 Nov 30					
34.33 N 116.90 W					
Magnitude (ML)= 4.30					
MV-CL	668.3	144	0.8	2894.7	
FM-UT	685.0	218	0.7	1164.9	
WI-NV	780.6	176	0.7	2361.5	
DR-CO	892.9	247	1.0	777.8	
LC-NM	981.9	283	1.0	383.6	
SS-TX	1453.4	290	0.8	159.9	
1962 Dec 05					
30.90 N 104.60 W					
Magnitude (MB)= 4.00					
FM-UT	658.3	143	0.6	11444.5	
FS-AZ	799.5	127	0.6	4581.9	
LC-NM	850.7	132	0.5	5158.8	
HL-ID	902.9	149	0.7	963.5	
SE-MN	961.9	210	0.5	10347.5	
WI-NV	1098.7	136	0.6	1190.2	
MP-AR	1173.2	250	0.6	10115.5	
MN-NV	1180.9	124	1.0	155.0	
SJ-TX	1481.2	302	0.7	5476.5	
MM-TN	1740.3	254	0.6	5635.5	
1963 Feb 08					
37.15 N 116.05 W					
Magnitude (MB)= 4.60					
BMO	860.7	173	1.2	34.4	E
1963 Feb 21					
37.12 N 116.05 W					
Magnitude (MB)= 4.10					
UBO	666.1	240	0.8	47.0	N
BMO	865.1	173	0.8	9.0	E

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1963 Feb 25					
42.60 N 109.20 W					
Magnitude (MB)= 4.30					
PM-WY	354.7	296	0.5	7451.6	
HL-ID	371.4	86	0.6	3719.4	
FM-UT	452.6	34	0.7	4277.2	
DR-CO	582.7	348	0.7	1620.8	
WI-NV	698.3	79	0.8	648.7	
FS-AZ	856.2	12	0.7	1898.6	
MN-NV	887.4	59	0.8	203.6	
LC-NM	1155.4	349	0.7	141.1	
SE-MN	1192.1	261	0.6	1070.8	
HB-OK	1213.2	313	0.7	2037.6	
1963 Apr 26					
32.60 N 115.70 W					
Magnitude (ML)= 4.00					
BF-CL	445.9	139	0.7	1571.2	
FS-AZ	490.4	231	0.5	919.2	
MN-NV	685.0	162	0.8	98.5	
EY-NV	756.2	183	0.7	306.2	
1963 May 09					
40.56 N 124.10 W					
Magnitude (ML)= 4.00					
MV-CL	282.4	302	0.4	11978.3	
WI-NV	567.1	261	0.7	99.9	
1963 Jun 05					
37.20 N 116.21 W					
Magnitude (MB)= 4.36					
TFO	551.6	307	1.2	48.8	E
UBO	673.9	241	1.0	282.0	N
BMO	855.1	173	1.0	16.2	E
WMO	1611.3	284	1.0	3.1	N
1963 Jul 08					
37.00 N 90.50 W					
Magnitude (MB)= 4.10					
WT-TN	523.8	281	0.5	2928.9	
1963 Jul 10					
39.90 N 111.40 W					
Magnitude (MB)= 4.20					
DR-CO	414.8	310	0.7	2787.2	
HL-ID	479.3	149	0.6	1134.7	
AT-NV	489.3	85	0.7	1227.4	
KG-AZ	521.5	26	0.6	1335.2	
PM-YW	531.5	0	0.6	3078.2	
MN-NV	604.9	75	1.0	258.2	
FR-MA	798.4	211	0.7	1566.3	
1963 Sep 06					
44.30 N 114.70 W					
Magnitude (MB)= 4.10					
FR-MA	679.4	253	0.4	7536.3	
MN-NV	712.8	24	0.5	789.0	
GI-MA	876.3	249	0.5	3281.0	
1963 Sep 13					
37.06 N 116.02 W					
Magnitude (MB)= 5.80					
UBO	668.3	239	1.4	6750.0	E
CPO	2727.7	282	2.4	644.0	N
1963 Sep 30					
38.00 N 111.00 W					
Magnitude (ML)= 4.50					
MN-NV	628.3	94	0.5	8092.3	
HL-ID	685.0	156	0.7	1502.8	
LC-NM	738.4	328	0.6	3934.0	
CP-CL	761.7	40	0.7	1269.6	
AZ-TX	858.5	290	0.7	9801.0	
FR-MA	975.2	203	0.6	8793.8	
AP-OK	1179.8	288	0.7	1209.3	
1963 Oct 16					
42.50 N 70.80 W					
Magnitude (MB)= 4.50					
LS-NH	213.5	156	1.0	4966.5	
DH-NY	338.0	86	0.5	26055.2	
BL-WV	1036.4	60	0.6	5459.1	
EU-AL	1848.1	54	1.0	569.6	
1963 Oct 16					
37.20 N 116.23 W					
Magnitude (MB)= 5.30					
UBO	675.0	241	1.6	1100.0	N
BMO	854.0	174	2.0	600.0	N
WMO	1612.4	285	3.2	400.0	E
1963 Oct 29					
43.10 N 111.60 W					
Magnitude (MB)= 4.00					
HL-ID	223.5	85	0.5	3886.1	
WI-NV	512.6	68	0.5	2244.1	

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
FR-MA	528.2	231	0.5	3381.4	
BX-UT	641.6	343	0.5	1690.7	
DR-CO	705.0	333	0.8	184.9	
MN-NV	757.3	47	0.8	139.7	
1963 Oct 29					
40.40 N 124.90 W					
Magnitude (ML)= 4.30					
MV-CL	335.8	293	0.5	9343.4	
MN-NV	620.5	291	0.9	810.8	
WI-NV	636.1	261	0.8	820.0	
HL-ID	953.0	248	1.0	71.0	
1963 Nov 05					
27.80 N 92.40 W					
Magnitude (MB)= 4.80					
EU-AL	702.8	220	0.6	3724.4	
SK-TX	1105.3	137	0.5	2904.3	
LC-NM	1458.9	110	0.7	312.0	
1963 Nov 23					
30.10 N 114.00 W					
Magnitude (ML)= 5.90					
LC-NM	749.5	250	1.0	1749.0	
BX-UT	908.5	208	1.0	1419.1	
MN-NV	945.2	157	1.4	286.2	
CU-NV	960.8	172	1.3	641.6	
RT-NM	1158.7	231	1.5	295.8	
MV-CL	1211.0	147	1.5	213.1	
WI-NV	1286.6	167	1.6	167.5	
AZ-TX	1352.2	243	0.9	3757.3	
SK-TX	1392.2	247	1.5	662.5	
HE-TX	1732.5	279	2.7	2057.6	
GV-TX	1735.8	259	1.4	3028.8	
FR-MA	1893.7	201	2.5	264.5	
GI-MA	2076.1	204	2.0	246.6	
LV-LA	2118.4	264	3.0	592.8	
RY-ND	2265.1	208	1.5	390.1	
EU-AL	2494.2	263	2.5	166.7	
1963 Dec 22					
44.40 N 114.60 W					
Magnitude (MB)= 4.40					
WI-NV	411.4	36	0.5	4641.2	
EK-NV	583.8	9	0.5	4369.8	
TK-WA	620.5	141	0.5	1627.3	
CU-NV	639.4	7	0.6	525.3	
FR-MA	668.3	254	0.4	5522.8	
MN-NV	726.1	25	0.5	1129.2	
1964 Jan 16					
36.00 N 89.50 W					
Magnitude (MB)= 4.50					
BL-WV	733.9	255	0.5	4333.2	
BR-PA	993.0	246	0.5	2511.6	
SK-TX	998.6	84	0.7	2019.4	
RT-NM	1325.5	94	0.6	4485.8	
HH-ND	1542.3	152	0.5	1972.5	
1964 Jan 16					
37.14 N 116.05 W					
Magnitude (MB)= 5.20					
UBO	665.0	240	1.1	1000.0	E
BMO	862.9	172	1.7	720.0	E
WMO	1595.7	284	1.9	210.0	N
CPO	2728.8	282	2.0	120.0	N
1964 Jan 28					
43.20 N 111.40 W					
Magnitude (MB)= 4.20					
PI-WY	172.4	301	0.5	6844.3	
HL-ID	235.7	102	0.5	4983.1	
FR-MA	508.2	231	0.6	907.2	
BX-UT	648.3	345	0.5	1775.2	
DR-CO	707.2	334	0.9	98.7	
1964 Feb 18					
34.80 N 85.50 W					
Magnitude (MB)= 4.40					
JE-LA	692.8	61	0.5	24666.0	
BR-PA	818.4	226	0.5	9784.1	
DH-NY	1239.9	228	0.5	9563.6	
SK-TX	1356.6	91	0.6	6245.3	
AZ-TX	1497.9	93	0.6	6563.7	
LS-NH	1565.7	229	0.6	3534.3	
RT-NM	1715.8	97	0.7	1445.7	
DR-CO	2022.7	99	0.6	141.2	
1964 Feb 20					
37.15 N 116.04 W					
Magnitude (MB)= 4.95					
TFO	536.0	307	1.2	477.0	N
UBO	663.9	240	1.2	438.0	E
BMO	861.8	172	1.0	256.0	E
WMO	1595.7	284	1.5	154.0	N
CPO	2728.8	282	1.7	78.0	N

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1964 Feb 21					
31.40 N 114.11 W					
Magnitude (MB)= 4.70					
CP-CL	259.1	125	0.8	2863.7	
KM-CL	484.8	142	0.9	1224.6	
LC-NM	718.4	262	0.8	730.7	
BX-UT	807.3	213	0.9	1564.5	
CU-NV	816.2	172	1.0	487.6	
DR-CO	888.5	222	1.5	288.7	
RT-NM	1076.4	237	1.0	237.0	
PI-WY	1291.0	198	1.5	237.7	
SK-TX	1343.3	252	1.1	294.3	
HL-ID	1360.0	180	2.2	36.1	
1964 Feb 25					
26.50 N 111.40 W					
Magnitude (MB)= 4.80					
LC-NM	802.9	216	0.9	651.9	
CP-CL	840.7	146	1.0	451.2	
DR-CO	1262.1	196	1.0	96.5	
MN-NV	1466.7	154	1.8	35.0	
1964 Mar 28					
42.90 N 101.60 W					
Magnitude (MB)= 5.10					
JE-LA	1495.6	326	1.0	3324.4	
EU-AL	1645.8	313	1.0	2069.4	
BR-PA	1926.0	280	0.8	995.6	
DH-NY	2186.2	272	0.9	1135.1	
LS-NH	2463.1	266	1.0	482.2	
1964 Apr 24					
37.15 N 116.06 W					
Magnitude (MB)= 4.95					
TFO	537.1	307	1.5	873.0	N
WMO	1596.8	284	2.0	183.0	N
CPO	2730.0	282	1.1	23.0	N
1964 Apr 28					
31.20 N 93.90 W					
Magnitude (MB)= 4.40					
RT-NM	1144.2	122	0.8	1807.4	
BL-WV	1366.6	238	0.7	759.1	
DR-CO	1452.3	118	1.0	120.4	
FR-MA	1977.1	146	0.9	358.5	
GI-MA	1982.7	154	1.0	496.1	
HH-ND	2012.7	169	1.0	537.2	
DH-NY	2087.2	234	0.6	529.3	
1964 May 23					
39.37 N 106.17 W					
Magnitude (MB)= 4.40					
DR-CO	254.6	33	0.5	170.0	
FR-MA	749.5	178	0.6	97.2	
SG-AZ	751.7	54	0.9	20.1	
SN-AZ	786.2	37	0.8	10.9	
EK-NV	822.9	85	0.7	3.7	
HL2ID	831.8	121	0.7	4.6	
WMO	848.5	309	1.0	37.6	N
MN-NV	1044.2	80	0.8	1.6	
1964 Jun 26					
48.20 N 115.10 W					
Magnitude (MB)= 4.70					
GI-MA	824.0	278	0.6	7225.6	
EK-NV	1000.8	2	1.0	71.2	
HH-ND	1212.1	266	0.7	6106.7	
1964 Sep 17					
38.82 N 72.24 W					
Magnitude (MB)= 4.45					
HN-ME	887.4	204	0.6	184.0	
EU-AL	1561.2	60	1.0	99.4	
WF-MN	1770.3	101	0.7	85.1	
JE-LA	1954.9	61	1.0	83.7	
WMO	2387.5	71	1.4	38.2	N
RT-NM	2825.6	75	1.1	28.4	
1964 Oct 02					
37.08 N 116.01 W					
Magnitude (MB)= 4.89					
UBO	666.1	239	1.1	396.0	N
BMO	869.6	172	0.7	136.0	E
WMO	1592.4	284	1.5	66.7	N
CPO	2726.6	282	1.8	47.6	N
1964 Oct 09					
37.15 N 116.08 W					
Magnitude (MB)= 4.78					
TFO	539.3	307	1.2	247.0	N
UBO	666.1	240	1.0	275.0	E
BMO	861.8	172	0.8	96.1	E

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
WMO	1599.1	284	1.4	37.5	N
CPO	2732.2	282	1.5	29.6	N
1964 Oct 21					
44.80 N 111.60 W					
Magnitude (MB)= 5.80					
SG-AZ	1027.5	9	1.0	421.7	
RT-NM	1084.2	321	0.9	1189.7	
WO-AZ	1105.3	356	1.0	1017.6	
JR-AZ	1108.7	2	0.9	1887.8	
LG-AZ	1154.3	0	1.4	700.4	
SN-AZ	1214.3	1	2.0	304.4	
GE-AZ	1227.6	356	1.3	346.3	
LC-NM	1443.4	342	1.4	133.8	
WF-MN	1535.7	275	1.0	2520.6	
FO-TX	1811.4	335	1.3	137.2	
GV-TX	1827.0	317	1.5	602.7	
EU-AL	2442.0	303	1.5	315.7	
1964 Oct 22					
31.14 N 89.57 W					
Magnitude (MB)= 4.58					
EU-AL	242.4	221	0.4	4990.0	
JE-LA	243.5	106	0.4	7530.0	
CPO	618.3	218	0.5	356.0	E
GV-TX	727.2	103	0.5	186.0	
VO-IO	1251.0	168	0.9	140.0	
WF-MN	1426.7	169	1.0	165.0	
DR-CO	1814.8	107	1.0	6.2	
GP-MN	1864.8	168	0.6	26.2	
RY-ND	2137.3	147	1.0	74.7	
TS-ND	2145.0	140	1.0	74.5	
HN-ME	2497.6	235	0.8	18.2	
1964 Nov 04					
39.60 N 110.30 W					
Magnitude (MB)= 4.00					
DR-CO	323.6	317	0.5	1909.0	
HR-AZ	549.3	4	0.5	1986.5	
LG-AZ	587.1	11	0.5	2120.8	
GE-AZ	647.2	1	0.6	667.4	
1964 Nov 25					
37.40 N 81.50 W					
Magnitude (MB)= 4.50					
BR-PA	363.6	220	0.5	25490.7	
HD-PA	522.6	221	0.6	41429.5	
DH-NY	780.6	227	0.6	5017.2	
1964 Dec 22					
31.80 N 117.12 W					
Magnitude (MB)= 6.30					
FO-TX	1388.9	278	1.5	413.5	
HY-MA	1794.8	209	1.1	316.3	
VO-IO	2494.2	243	2.0	221.5	
1965 Feb 18					
36.82 N 115.95 W					
Magnitude (MB)= 4.54					
TFO	509.3	304	1.2	209.0	N
UBO	678.3	237	1.4	140.0	N
BMO	899.6	172	1.4	67.0	E
WMO	1584.6	283	1.6	33.0	N
1965 Feb 27					
28.70 N 112.00 W					
Magnitude (MB)= 4.60					
LG-AZ	633.8	183	0.5	4613.6	
LC-NM	660.5	231	0.7	1649.5	
HR-AZ	671.6	190	0.6	2520.7	
WO-AZ	697.2	191	0.5	3737.4	
RT-NM	1142.0	219	1.0	458.2	
1965 Mar 03					
37.06 N 116.04 W					
Magnitude (MB)= 5.33					
BMO	871.8	172	1.1	403.0	E
WMO	1594.6	284	1.3	65.0	N
1965 Mar 26					
37.15 N 116.01 W					
Magnitude (MB)= 5.25					
TFO	536.0	308	1.5	1179.0	E
UBO	663.9	240	0.7	1066.0	E
BMO	861.8	172	1.5	717.0	E
WMO	1595.7	285	1.8	278.0	N
CPO	2728.8	283	1.8	107.0	N
1965 Apr 14					
37.28 N 116.52 W					
Magnitude (MB)= 4.32					
TFO	579.4	306	0.9	57.3	N
UBO	691.7	243	1.2	133.0	N
BMO	842.9	175	1.2	36.8	E

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1965 Jun 16					
36.82 N 115.96 W					
Magnitude (MB)= 4.48					
UBO	679.4	237	0.8	180.0	N
WMO	1585.7	283	1.6	64.4	N
1965 Jul 15					
37.30 N 74.40 W					
Magnitude (MB)= 5.10					
FN-WV	470.4	87	0.7	12246.9	
DH-NY	550.4	171	0.7	2054.6	
1965 Jul 15					
37.20 N 74.35 W					
Magnitude (MB)= 4.63					
DH-NY	562.7	175	0.7	1633.0	
HY-MA	2875.6	98	1.5	35.5	
LC-NM	2983.5	70	1.7	79.1	
GE-AZ	3284.8	72	1.9	34.5	
TFO	3334.9	73	1.6	18.4	N
SN-AZ	3384.9	72	1.8	33.1	
MN-NV	3823.1	78	1.9	10.5	
1965 Jul 23					
37.10 N 116.03 W					
Magnitude (MB)= 5.22					
TFO	532.6	307	1.1	1825.0	N
UBO	666.1	239	1.3	1748.0	N
BMO	867.4	172	1.1	395.0	E
WMO	1594.6	284	1.7	198.0	N
1965 Aug 15					
37.50 N 89.30 W					
Magnitude (MB)= 5.10					
FN-WV	866.2	262	0.5	1352.6	
GV-TX	867.4	55	0.5	1769.7	
DH-NY	1338.8	247	0.7	199.0	
1965 Sep 10					
37.08 N 116.02 W					
Magnitude (MB)= 5.16					
TFO	529.3	307	1.2	479.0	E
UBO	666.1	239	1.3	698.0	E
BMO	869.6	172	1.0	179.0	E
WMO	1592.4	284	1.4	62.5	N
CPO	2727.7	282	0.8	4.6	E
1965 Sep 16					
37.19 N 74.44 W					
Magnitude (MB)= 4.73					
HN-ME	1132.0	210	1.0	227.0	
GV-TX	2107.2	70	0.8	68.1	
HR-AZ	3270.4	74	1.2	24.6	
GE-AZ	3277.1	73	1.2	7.5	
TFO	3326.0	73	1.5	13.7	N
LG-AZ	3347.1	73	1.1	17.6	
JR-AZ	3373.8	74	1.3	45.6	
SN-AZ	3377.1	72	1.3	12.5	
SG-AZ	3461.7	75	1.4	23.0	
BMO	3660.7	88	1.4	5.2	N
1965 Dec 03					
37.17 N 116.05 W					
Magnitude (MB)= 5.62					
UBO	663.9	240	1.2	2880.0	N
BMO	860.7	172	1.9	2850.0	E
HV-MA	1350.0	204	2.0	807.0	
SW-MA	1353.3	196	2.4	1190.0	
RG-SD	1376.7	234	1.9	2070.0	
WN-SD	1506.8	196	2.1	1130.0	
WMO	1596.8	285	1.9	715.0	N
CR-NB	1706.9	263	1.2	693.0	
GV-TX	1799.2	291	1.5	627.0	
KC-MO	1882.6	269	1.8	361.0	
EN-MO	2259.6	278	1.6	520.0	
1965 Dec 16					
37.07 N 116.03 W					
Magnitude (MB)= 5.14					
UBO	667.2	239	1.8	1736.0	N
BMO	870.7	172	1.5	458.0	E
WMO	1593.5	284	1.3	131.0	N
CPO	2728.8	282	1.8	55.6	N
1966 Feb 24					
37.27 N 116.43 W					
Magnitude (MB)= 4.80					
UBO	686.1	243	1.6	628.0	N
BMO	845.1	175	2.0	434.0	E
SW-MA	1350.0	197	1.3	85.1	
RG-SD	1393.3	235	1.2	121.0	
WMO	1631.3	285	1.5	66.7	N
CR-NB	1734.7	264	0.7	70.7	
KC-MO	1912.6	270	1.3	39.6	
CPO	2762.2	283	1.6	41.2	N

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1966 Mar 05					
37.17 N 116.21 W					
Magnitude (MB)= 4.11					
TFO	550.4	307	1.2	23.5	N
UBO	675.0	240	1.1	27.7	N
1966 Mar 09					
27.70 N 114.90 W					
Magnitude (MB)= 5.50					
MN-NV	1245.4	165	1.2	61.3	
1966 Apr 03					
39.36 N 106.46 W					
Magnitude (MB)= 4.51					
WN-SD	679.4	232	0.5	262.0	
TFO	708.3	35	0.4	18.7	E
CR-NB	832.9	263	0.7	538.0	
CPO	1890.4	289	0.7	12.7	N
1966 Apr 06					
37.14 N 116.14 W					
Magnitude (MB)= 4.45					
TFO	542.7	307	1.2	194.0	N
BMO	861.8	173	1.7	140.0	E
SW-MA	1357.8	196	1.0	24.9	
RG-SD	1384.4	234	1.2	89.2	
WN-SD	1514.5	249	1.3	88.8	
WMO	1604.6	284	1.2	25.5	N
CR-NB	1714.7	263	1.1	82.7	
KC-MO	1891.5	269	1.0	20.0	
1966 Apr 14					
37.24 N 116.43 W					
Magnitude (MB)= 5.21					
TFO	570.5	306	1.6	1042.0	N
UBO	687.2	242	1.1	853.0	N
SW-MA	1352.2	197	1.6	197.0	
WN-SD	1531.2	249	1.3	177.0	
WMO	1631.3	285	2.0	176.0	N
CPO	2762.2	283	1.9	87.9	N
1966 Apr 25					
36.89 N 115.94 W					
Magnitude (MB)= 4.51					
TFO	512.6	305	1.3	330.0	N
BMO	891.8	172	1.6	155.0	E
SW-MA	1381.1	195	1.7	47.5	
RG-SD	1392.2	232	1.6	94.2	
WMO	1584.6	283	1.5	45.8	N
1966 May 06					
37.35 N 116.32 W					
Magnitude (MB)= 5.30					
TFO	569.3	308	1.2	1689.0	N
UBO	672.8	242	1.1	732.0	N
SW-MA	1338.8	196	1.4	206.0	
RG-SD	1380.0	235	1.4	337.0	
WN-SD	1516.8	249	1.0	121.0	
WMO	1622.4	285	2.0	388.0	N
CR-NB	1722.5	263	1.0	162.0	
KC-MO	1901.5	270	1.0	49.8	
CPO	2751.1	283	1.8	57.0	N
1966 May 19					
37.11 N 116.06 W					
Magnitude (MB)= 5.48					
TFO	534.9	307	1.3	2049.0	N
TFO	534.9	307	1.3	2364.0	E
UBO	667.2	239	1.5	4673.0	N
UBO	667.2	239	1.2	3114.0	E
SW-MA	1358.9	195	1.3	503.0	
RG-SD	1381.1	233	2.0	2590.0	
WN-SD	1510.1	248	1.6	844.0	
WMO	1596.8	284	1.7	619.0	N
WMO	1596.8	284	1.7	391.0	E
CR-NB	1709.1	262	1.0	601.0	
KC-MO	1884.8	269	1.0	134.0	
AX2AL	2764.4	288	2.4	194.0	
BE-FL	3284.8	295	2.0	127.0	
1966 Jun 02					
37.23 N 116.06 W					
Magnitude (MB)= 5.55					
TFO	542.7	308	1.2	1216.0	N
TFO	542.7	308	1.3	1203.0	E
SW-MA	1346.6	195	1.1	180.0	
RG-SD	1372.2	234	1.4	694.0	
WN-SD	1503.4	248	1.1	283.0	
WMO	1597.9	285	1.3	208.0	N
WMO	1597.9	285	1.5	138.0	N
CR-NB	1704.7	263	1.3	446.0	
KC-MO	1881.5	269	1.0	83.2	

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
CPO	2728.8	282	3.0	247.0	N
CPO	2728.8	282	1.7	49.4	E
AX2AL	2764.4	288	1.8	30.4	
1966 Jun 03					
37.07 N 116.04 W					
Magnitude (MB)= 5.56					
TFO	530.4	306	1.1	1397.0	N
TFO	530.4	306	1.2	1355.0	E
UBO	668.3	239	1.2	2744.0	N
UBO	668.3	239	1.1	7542.0	E
SW-MA	1363.3	195	1.4	381.0	
RG-SD	1383.3	233	1.2	509.0	
WMO	1594.6	284	1.6	423.0	N
WMO	1594.6	284	1.5	161.0	E
CR-NB	1709.1	262	1.2	488.0	
KC-MO	1883.7	269	1.4	202.0	
CPO	2728.8	282	2.3	223.0	N
CPO	2728.8	282	2.1	116.0	E
AX2AL	2762.2	288	2.2	54.8	
1966 Jun 30					
37.32 N 116.13 W					
Magnitude (MB)= 6.03					
TFO	564.9	307	1.3	3744.0	E
TFO	564.9	307	1.1	2286.0	N
UBO	672.8	242	1.2	4934.0	E
UBO	672.8	242	1.3	6013.0	N
BMO	840.7	173	1.6	2166.0	N
BMO	840.7	173	1.5	2857.0	E
SW-MA	1342.2	196	1.6	1339.0	
RG-SD	1381.1	235	1.4	928.0	
WN-SD	1516.8	249	1.1	938.0	
WMO	1620.2	285	2.1	173.0	N
WMO	1620.2	285	1.5	47.6	E
CR-NB	1721.4	263	1.2	1581.0	
KC-MO	1900.4	270	1.3	349.0	
AX2AL	2786.7	288	2.0	146.0	
BE-FL	3308.2	295	1.8	174.0	
1966 Jul 23					
47.50 N 88.90 W					
Magnitude (MB)= 4.20					
KC-MO	1018.6	27	0.6	2261.8	
RG-SD	1153.1	78	0.5	5773.1	
SW-MA	1715.8	96	0.6	584.2	
1966 Dec 20					
37.30 N 116.41 W					
Magnitude (MB)= 6.26					
TFO	572.7	307	1.8	10600.0	N
UBO	681.7	242	1.4	13900.0	N
WMO	1629.1	285	1.9	3028.0	N
EU2AL	2639.9	288	2.4	673.0	
CPO	2758.9	283	2.0	1111.0	N
BE-FL	3318.2	295	1.8	387.0	
1967 Jan 19					
37.14 N 116.14 W					
Magnitude (MB)= 5.25					
TFO	542.7	307	1.2	560.0	N
TFO	542.7	307	1.2	465.0	E
UBO	671.6	240	1.4	708.0	N
UBO	671.6	240	1.4	1281.0	E
WMO	1603.5	284	1.9	227.0	N
WMO	1603.5	284	1.8	146.0	E
CPO	2736.6	282	1.4	33.2	N
CPO	2736.6	282	1.4	19.6	E
1967 Jan 20					
37.10 N 116.00 W					
Magnitude (MB)= 5.09					
TFO	530.4	307	1.2	355.0	N
TFO	530.4	307	1.2	559.0	E
UBO	663.9	239	1.3	124.9	N
UBO	663.9	239	1.3	744.0	E
WMO	1592.4	284	1.5	187.0	N
WMO	1592.4	284	1.4	35.7	E
CPO	2725.5	282	1.8	50.4	N
CPO	2725.5	282	1.8	30.4	E
1967 May 20					
37.13 N 116.06 W					
Magnitude (MB)= 5.68					
TFO	537.1	307	1.3	1419.0	N
TFO	537.1	307	1.3	2995.0	E
UBO	667.2	240	1.2	5474.0	N
UBO	667.2	240	1.2	3632.0	E
WMO	1597.9	284	1.7	724.0	N
WMO	1597.9	284	1.4	125.0	E

Table 3—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	C*
1967 May 23					
37.28 N 116.37 W					
Magnitude (MB)= 5.56					
TFO	568.2	307	1.1	1496.0	N
TFO	568.2	307	1.1	1335.0	E
UBO	680.5	242	0.7	2033.0	N
UBO	680.5	242	0.7	1486.0	E
WMO	1625.7	285	1.7	539.0	N
1967 May 26					
37.25 N 116.48 W					
Magnitude (MB)= 5.52					
TFO	574.9	306	1.0	850.0	N
TFO	574.9	306	1.0	773.0	E
UBO	690.6	242	0.8	817.0	N
UBO	690.6	242	0.8	1249.0	E
WMO	1635.8	285	2.1	430.0	N
WMO	1635.8	285	1.8	95.5	E
1967 Nov 21					
37.47 N 118.58 W					
Magnitude (MB)= 4.20					
TL-WY	1106.4	233	0.6	18912.4	
1968 Apr 23					
32.10 N 116.78 W					
Magnitude (MB)= 4.70					
MN-NV	713.9	169	0.7	4795.1	
1968 Apr 23					
37.34 N 116.38 W					
Magnitude (MB)= 4.45					
TFO	572.7	307	0.8	32.0	N
TFO	572.7	307	0.8	28.0	E
UBO	677.2	242	1.2	88.5	N
UBO	677.2	242	1.1	57.8	E
1968 Apr 26					
37.30 N 116.46 W					
Magnitude (MB)= 6.42					
TFO	576.0	306	1.3	9595.0	N
TFO	576.0	306	1.3	6620.0	E
UBO	686.1	242	1.2	11200.0	N
UBO	686.1	242	1.2	8736.0	E
WMO	1633.5	285	1.9	5381.0	N
1968 Dec 19					
37.23 N 116.47 W					
Magnitude (MB)= 6.40					
TFO	572.7	306	1.4	10700.0	N
TFO	572.7	306	1.4	6461.0	E
UBO	690.6	242	1.4	14600.0	N
UBO	690.6	242	1.3	8697.0	E
WMO	1634.6	285	1.5	1250.0	E
1969 Oct 08					
37.26 N 116.45 W					
Magnitude (MB)= 5.50					
KN-UT	329.2	276	0.9	117224.5	
LC-NM	1078.6	301	1.0	1868.9	

Table 4. — Geographic coordinates of the LRSM network stations used to tabulate the *Lg*-wave components of ground motion.

[Station abbreviation code (ID) of LRSM stations; latitude (north) in degrees, minutes, seconds; latitude in degrees listed directly beneath in parentheses; longitude (west) in degrees, minutes, seconds; longitude in degrees listed directly beneath in parentheses.]

Table 4

ID	Latitude (N)	Longitude (W)
AE-NC	35 26 1	80 3 35
	(35.43)	(80.06)
AK-OK	34 22 6	96 3 26
	(34.37)	(96.06)
AL-OK	34 21 29	95 36 45
	(34.36)	(95.61)
AN-MA	46 45 8	106 5 30
	(46.75)	(106.09)
AP-OK	34 49 59	98 26 9
	(34.83)	(98.44)
AR-WS	45 41 48	88 8 32
	(45.70)	(88.14)
AT-NV	39 28 53	117 4 26
	(39.48)	(117.07)
AX-AL	32 50 8	86 10 35
	(32.84)	(86.18)
AX2AL	32 46 38	86 7 48
	(32.78)	(86.13)
AY-SD	43 31 40	99 6 30
	(43.53)	(99.11)
AZ-TX	35 25 48	101 55 50
	(35.43)	(101.93)
BB-PA	41 10 56	76 33 7
	(41.18)	(76.55)
BE-FL	28 54 19	82 3 52
	(28.91)	(82.06)
BF-CL	35 38 53	118 51 27
	(35.65)	(118.86)
BL-WV	37 47 56	81 18 36
	(37.80)	(81.31)
BM-TX	30 55 35	103 51 18
	(30.93)	(103.85)
BMO	44 50 56	117 18 20
	(44.85)	(117.31)
BP-CL	37 21 36	118 41 25
	(37.36)	(118.69)
BR-PA	39 55 27	78 50 41
	(39.92)	(78.84)
BX-UT	37 33 48	109 26 5
	(37.56)	(109.43)
CG-VA	36 37 35	83 15 36
	(36.63)	(83.26)
CN-WS	45 11 34	91 7 41
	(45.19)	(91.13)
CP-CL	32 43 44	116 22 16
	(32.73)	(116.37)
CPO	35 35 41	85 34 13
	(35.59)	(85.57)
CR-NB	40 39 52	96 51 15
	(40.66)	(96.85)
CT-OK	34 29 17	95 7 38
	(34.49)	(95.13)
CU-NV	38 40 38	115 27 18
	(38.68)	(115.45)
CV-TN	35 46 12	87 23 4
	(35.77)	(87.38)
CW-AR	35 8 8	91 58 40
	(35.14)	(91.98)
CY-WY	41 25 0	104 51 36
	(41.42)	(104.86)
DH-NY	42 14 39	74 53 1
	(42.24)	(74.88)
DR-CO	37 27 53	107 47 0
	(37.46)	(107.78)
DU-OK	34 2 11	96 13 4
	(34.04)	(96.22)
DV-CL	35 50 0	116 6 6
	(35.83)	(116.10)
ED-MI	43 15 20	84 24 41
	(43.26)	(84.41)
EF-TX	31 10 35	105 7 48
	(31.18)	(105.13)
EK-NV	39 12 32	115 42 37
	(39.21)	(115.71)
EL-WA	46 55 27	120 43 48
	(46.92)	(120.73)
EN-MO	36 52 58	90 35 44
	(36.88)	(90.60)
EP-TX	31 55 58	105 58 0
	(31.93)	(105.97)
EU-AL	32 46 45	87 52 26
	(32.78)	(87.87)
EU2AL	32 47 47	87 53 5
	(32.80)	(87.88)
EY-NV	39 24 36	115 18 46
	(39.41)	(115.31)
FK-CO	39 35 12	104 27 42
	(39.59)	(104.46)
FM-UT	39 13 6	112 12 25
	(39.22)	(112.21)
FN-WV	38 32 58	79 30 47
	(38.55)	(79.51)
FO-TX	30 5 0	102 41 52
	(30.08)	(102.70)
FR-MA	46 6 0	106 26 25
	(46.10)	(106.44)
FS-AZ	35 4 9	111 18 34
	(35.07)	(111.31)
GD-VA	37 23 34	81 53 40
	(37.39)	(81.98)

Table 4—*continued*

ID	Latitude (N)	Longitude (W)	ID	Latitude (N)	Longitude (W)
GE-AZ	33 46 32	110 31 41	KM-CL	34 52 52	117 15 24
	(33.78)	(110.53)		(34.88)	(117.26)
GF-NV	37 55 3	117 12 6	KN-UT	37 1 22	112 49 39
	(37.92)	(117.20)		(37.02)	(112.83)
GI-MA	47 11 34	104 13 10	LA-GA	34 51 26	85 27 0
	(47.19)	(104.22)		(34.86)	(85.45)
GN-NM	32 15 45	103 51 25	LC-NM	32 24 8	106 35 58
	(32.26)	(103.86)		(32.40)	(106.60)
GP-MN	47 39 52	93 29 22	LG-AZ	34 24 28	111 32 45
	(47.66)	(93.49)		(34.41)	(111.55)
GV-TX	32 53 9	96 59 54	LM-NV	36 34 57	114 32 7
	(32.89)	(97.00)		(36.58)	(114.54)
HB-OK	35 10 35	98 54 37	LO-NV	39 56 7	118 50 22
	(35.18)	(98.91)		(39.94)	(118.84)
HD-PA	40 59 44	77 35 44	LP-TX	29 10 47	99 40 35
	(41.00)	(77.60)		(29.18)	(99.68)
HE-TX	30 11 59	96 5 31	LS-NH	44 14 18	71 55 21
	(30.20)	(96.09)		(44.24)	(71.92)
HH-ND	48 56 53	98 41 33	LV-LA	32 8 10	91 52 30
	(48.95)	(98.69)		(32.14)	(91.88)
HK-WY	41 41 45	104 21 25	MC-SD	43 39 16	97 55 10
	(41.70)	(104.36)		(43.65)	(97.92)
HL-ID	43 38 50	114 15 2	ML-NM	33 24 53	108 50 11
	(43.65)	(114.25)		(33.41)	(108.84)
HL2ID	43 33 40	114 25 8	MM-TN	35 33 52	85 35 20
	(43.56)	(114.42)		(35.56)	(85.59)
HN-ME	46 9 43	67 59 9	MN-NV	38 26 10	118 8 53
	(46.16)	(67.99)		(38.44)	(118.15)
HR-AZ	34 40 11	110 45 59	MO-ID	43 4 19	116 15 56
	(34.67)	(110.77)		(43.07)	(116.27)
HS-NB	42 25 32	102 42 52	MP-AR	34 36 6	93 8 45
	(42.43)	(102.71)		(34.60)	(93.15)
HT-MN	44 51 10	92 52 40	MU-WA	48 55 0	121 54 37
	(44.85)	(92.88)		(48.92)	(121.91)
HV-MA	48 25 20	109 49 20	MV-CL	39 12 47	121 17 35
	(48.42)	(109.82)		(39.21)	(121.29)
HY-MA	45 58 22	107 4 54	ND-CL	34 35 57	115 33 5
	(45.97)	(107.08)		(34.60)	(115.55)
JE-LA	31 47 5	92 0 55	NL-AZ	35 54 5	109 34 10
	(31.78)	(92.02)		(35.90)	(109.57)
JR-AZ	34 49 32	111 59 25	NL2AZ	35 48 25	109 37 43
	(34.83)	(111.99)		(35.81)	(109.63)
JS-TN	35 39 20	88 36 46	OR-FL	28 28 1	81 13 17
	(35.66)	(88.61)		(28.47)	(81.22)
JU-TX	30 6 43	101 4 38	PI-WY	42 27 10	109 32 55
	(30.11)	(101.08)		(42.45)	(109.55)
KC-MO	39 21 21	94 40 17	PI2WY	42 46 2	109 33 43
	(39.36)	(94.67)		(42.77)	(109.56)
KG-AZ	35 38 30	113 54 28	PK-OR	45 19 3	118 54 33
	(35.64)	(113.91)		(45.32)	(118.91)

Table 4—*continued*

ID	Latitude (N)	Longitude (W)
PM-WY	41 12 27	105 21 39
	(41.21)	(105.36)
PT-OR	45 36 40	118 53 2
	(45.61)	(118.88)
PV-AR	34 55 46	92 40 12
	(34.93)	(92.67)
RG-SD	45 12 59	103 32 5
	(45.22)	(103.53)
RS-KY	37 11 55	84 52 6
	(37.20)	(84.87)
RT-NM	36 43 46	104 21 37
	(36.73)	(104.36)
RY-ND	48 5 50	101 29 40
	(48.10)	(101.49)
SE-MN	44 24 51	94 39 55
	(44.41)	(94.67)
SF-AZ	34 26 19	110 30 52
	(34.44)	(110.51)
SG-AZ	35 38 27	113 15 39
	(35.64)	(113.26)
SJ-TX	27 36 43	98 18 46
	(27.61)	(98.31)
SK-TX	35 4 58	100 21 50
	(35.08)	(100.36)
SM-TX	33 40 56	99 11 23
	(33.68)	(99.19)
SN-AZ	33 51 49	111 41 34
	(33.86)	(111.69)
SR-OR	44 56 25	117 25 40
	(44.94)	(117.43)
SS-TX	30 1 17	102 19 41
	(30.02)	(102.33)
ST-NV	39 26 17	118 34 48
	(39.44)	(118.58)
SV-AZ	34 10 32	109 8 49
	(34.18)	(109.15)
SW-MA	48 58 8	111 57 46
	(48.97)	(111.96)
SZ-NV	39 12 13	118 22 48
	(39.20)	(118.38)
TC-NM	33 11 3	107 27 42
	(33.18)	(107.46)
TD-NM	36 39 20	106 10 18
	(36.66)	(106.17)
TF-CL	35 9 49	119 58 3
	(35.16)	(119.97)
TFO	34 16 4	111 16 13
	(34.27)	(111.27)
TK-WA	48 47 38	119 35 16
	(48.79)	(119.59)
TL-WY	43 23 30	108 5 17
	(43.39)	(108.09)
TN-CL	34 11 54	115 57 0
	(34.20)	(115.95)
TO-OK	34 21 23	96 34 5
	(34.36)	(96.57)
TP-NV	37 12 1	116 13 34
	(37.20)	(116.23)
TS-ND	47 6 25	103 40 23
	(47.11)	(103.67)
TU-PA	41 34 17	76 8 12
	(41.57)	(76.14)
UBO	40 19 18	109 34 7
	(40.32)	(109.57)
UK-OR	45 5 35	118 53 55
	(45.09)	(118.90)
VN-UT	40 30 31	109 34 45
	(40.51)	(109.58)
VO-IO	42 13 30	92 7 37
	(42.22)	(92.13)
VT-OR	43 6 49	118 24 53
	(43.11)	(118.41)
WF-MN	43 48 5	92 22 23
	(43.80)	(92.37)
WI-NV	41 21 2	117 27 30
	(41.35)	(117.46)
WM-AZ	35 25 4	112 12 54
	(35.42)	(112.22)
WMO	34 43 5	98 35 21
	(34.72)	(98.59)
WN-SD	43 15 8	100 11 46
	(43.25)	(100.20)
WO-AZ	34 52 53	110 37 15
	(34.88)	(110.62)
WT-TN	36 6 35	84 45 28
	(36.11)	(84.76)
WW-UT	38 30 50	113 35 20
	(38.51)	(113.59)
YA-WA	46 30 0	119 55 12
	(46.50)	(119.92)

Table 5. —*Lg*-wave vertical component of ground motion recorded on the short-period New England seismological stations.

[*Event identification:* date of event; coordinates (degrees); and magnitude (mb(*Lg*)). *Column identification:* station code (location shown on figure 67); distance (kilometers); azimuth (degrees); period (seconds); and amplitude (millimicrons).]

Table 5

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
1976 May 10				
41.54 N	71.01 W			
Magnitude (MB)LG = 2.7				
LAF	41	92	0.10	49
APT	91	75	0.15	15
UCT	108	108	0.15	15
HDM	126	88	0.15	13
TMT	152	102	0.15	14
BPT	190	80	0.15	11
BCT	198	89	0.15	15
ECT	203	100	0.15	13
1976 Dec 17				
41.47 N	72.07 W			
Magnitude (MB)LG = 2.2				
APT	17	358	0.15	24
HDM	38	93	0.15	14
UCT	43	160	0.15	12
LAF	48	259	0.15	19
TMT	72	122	0.15	5
BPT	102	75	0.15	13
BCT	110	92	0.15	10
ECT	119	110	0.15	5
WES	119	211	0.15	7
1977 Feb 07				
41.60 N	72.43 W			
Magnitude (MB)LG = 2.1				
HDM	15	32	0.15	132
UCT	30	210	0.15	60
TMT	38	128	0.15	11
APT	44	316	0.15	13
BPT	80	59	0.15	13
BCT	80	82	0.15	12
ECT	86	108	0.15	11
FLR	110	263	0.15	17
WES	126	226	0.15	8
1977 Mar 07				
41.60 N	72.42 W			
Magnitude (MB)LG = 1.8				
HDM	15	32	0.15	96
UCT	29	210	0.15	14
TMT	39	128	0.15	7
APT	44	316	0.15	6
BPT	80	59	0.15	11
BCT	81	82	0.15	11
ECT	86	108	0.15	5
WES	126	226	0.15	8
1977 Apr 24				
41.46 N	72.49 W			
Magnitude (MB)LG = 2.2				
HDM	4	136	0.15	108
APT	39	294	0.15	26
UCT	46	206	0.15	12
TMT	47	147	0.15	7
BPT	69	68	0.15	7
LAF	83	263	0.15	10
ECT	88	119	0.15	14
1977 Oct 02				
45.16 N	69.06 W			
Magnitude (MB)LG = 2.6				
MIM	9	192	0.15	200
EMM	133	290	0.15	28
WES	359	31	0.15	10
QUA	402	43	0.20	9
FLR	418	24	0.20	8
ECT	510	45	0.20	5
BCT	538	42	0.20	7
1977 Dec 20				
41.79 N	70.68 W			
Magnitude (MB)LG = 3.1				
FLR	38	78	0.20	27
WES	85	141	0.20	113
NSC	104	71	0.20	106
UCT	131	93	0.20	165
ECT	228	92	0.20	35
BCT	228	83	0.20	31
MIM	406	198	0.20	19
EMM	418	217	0.20	27

Table 5—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
1978 Jan 04				
44.04 N	70.51 W			
Magnitude (MB)LG = 3.2				
TRM	32	220	0.10	144
MIM	177	221	0.15	106
WES	196	20	0.15	145
EMM	253	251	0.20	68
UCT	284	31	0.15	57
NSC	305	22	0.15	37
ECT	341	45	0.20	82
BCT	368	41	0.20	50
1978 Apr 26				
41.35 N	71.61 W			
Magnitude (MB)LG = 1.7				
NSC	25	127	0.20	50
FLR	58	225	0.25	6
UCT	76	136	0.15	5
WES	117	192	0.30	12
BCT	149	97	0.15	4
ECT	159	111	0.20	4
1978 May 16				
44.39 N	70.23 W			
Magnitude (MB)LG = 2.5				
TRM	14	9	0.10	109
MIM	134	224	0.15	51
EMM	221	259	0.15	13
WES	240	22	0.20	13
CBM	327	209	0.15	3
UCT	328	31	0.20	9
NSC	349	23	0.20	7
HDM	373	31	0.15	8
ECT	384	44	0.20	5
BCT	412	40	0.20	4
1978 Jul 27				
42.13 N	72.69 W			
Magnitude (MB)LG = 1.8				
QUA	45	216	0.15	8
UCT	49	312	0.15	6
LNX	54	116	0.15	5
ECT	68	62	0.15	5
HDM	73	349	0.15	7
BCT	91	40	0.15	7
NSC	100	316	0.15	13
FLR	138	289	0.15	6
1978 Jul 28				
41.34 N	72.80 W			
Magnitude (MB)LG = 1.8				
HDM	28	235	0.15	33
BCT	52	109	0.15	14
UCT	71	220	0.15	7
ECT	75	137	0.15	5
NSC	80	259	0.15	16
LNX	117	160	0.15	6
QUA	128	196	0.15	5
FLR	146	253	0.15	8
1978 Jul 28				
42.13 N	72.69 W			
Magnitude (MB)LG = 1.8				
QUA	45	216	0.15	9
UCT	49	312	0.15	7
LNX	54	116	0.15	6
ECT	68	342	0.15	5
HDM	73	349	0.15	7
BCT	91	40	0.15	6
NSC	100	316	0.15	13
1978 Jul 31				
41.71 N	72.71 W			
Magnitude (MB)LG = 1.9				
HDM	30	328	0.10	15
UCT	40	251	0.10	9
ECT	60	103	0.15	5
BCT	61	67	0.15	6
NSC	76	290	0.15	29
LNX	84	146	0.15	6
QUA	87	198	0.15	9
FLR	132	269	0.15	8

Table 5—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
1978 Jul 31				
41.46 N	72.73 W			
Magnitude (MB)LG = 1.9				
HDM	18	259	0.10	105
BCT	55	94	0.15	14
UCT	58	224	0.15	11
ECT	71	127	0.15	5
NSC	73	268	0.15	13
LNX	108	156	0.15	5
QUA	115	195	0.15	7
FLR	137	257	0.15	7
1978 Jul 31				
41.56 N	73.20 W			
Magnitude (MB)LG = 1.8				
BCT	17	65	0.15	24
ECT	36	151	0.15	9
HDM	57	278	0.15	9
UCT	85	249	0.15	11
LNX	87	176	0.15	6
NSC	113	274	0.15	13
QUA	121	214	0.15	10
FLR	174	263	0.15	6
1978 Aug 01				
41.34 N	72.80 W			
Magnitude (MB)LG = 1.9				
HDM	28	235	0.15	20
BCT	52	109	0.15	8
UCT	71	220	0.15	6
ECT	75	137	0.15	4
NSC	80	259	0.15	10
LNX	117	160	0.15	5
QUA	128	196	0.15	5
FLR	146	253	0.15	6
1978 Aug 02				
41.56 N	73.20 W			
Magnitude (MB)LG = 1.8				
BCT	17	65	0.15	18
ECT	36	151	0.15	12
HDM	57	278	0.15	8
UCT	85	249	0.15	7
LNX	87	176	0.15	5
QUA	121	214	0.15	6
FLR	174	263	0.15	4
WES	181	239	0.20	6
1978 Aug 03				
42.50 N	73.84 W			
Magnitude (MB)LG = 1.9				
LNX	50	291	0.15	9
ECT	82	334	0.15	6
BCT	118	341	0.15	8
QUA	121	272	0.15	7
UCT	151	299	0.15	10
HDM	157	316	0.15	8
WES	208	273	0.15	6
FLR	241	61	0.15	6
1978 Aug 03				
42.54 N	71.69 W			
Magnitude (MB)LG = 2.0				
WES	35	300	0.15	46
QUA	57	81	0.15	19
UCT	91	31	0.15	14
FLR	103	333	0.15	11
LNX	132	81	0.15	11
HDM	136	31	0.15	11
ECT	162	62	0.15	10
BCT	182	51	0.15	8
1978 Aug 03				
42.56 N	72.59 W			
Magnitude (MB)LG = 1.9				
QUA	21	305	0.15	9
LNX	62	66	0.15	5
UCT	86	341	0.15	7
ECT	106	40	0.15	4
HDM	120	358	0.15	5
BCT	136	29	0.15	5
FLR	154	307	0.15	6
1978 Aug 07				
41.56 N	73.20 W			
Magnitude (MB)LG = 1.8				
BCT	17	65	0.15	18
ECT	36	151	0.15	5
HDM	57	278	0.15	8

Table 5—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
UCT	85	249	0.15	8
LNX	87	176	0.15	6
QUA	121	214	0.15	6
FLR	174	263	0.15	6
1978 Aug 08 41.46 N 72.73 W Magnitude (MB)LG = 1.8				
HDM	18	259	0.15	13
BCT	55	94	0.15	6
UCT	58	224	0.15	7
ECT	71	127	0.15	3
LNX	108	156	0.15	5
QUA	115	195	0.15	5
FLR	137	257	0.15	6
WES	156	228	0.15	6
1978 Aug 09 41.34 N 72.80 W Magnitude (MB)LG = 1.9				
HDM	28	235	0.15	19
BCT	52	109	0.15	10
UCT	71	220	0.15	7
ECT	75	137	0.15	5
LNX	117	160	0.15	5
QUA	128	196	0.15	8
FLR	146	253	0.15	6
WES	168	226	0.15	6
1978 Aug 09 42.56 N 72.59 W Magnitude (MB)LG = 2.1				
QUA	21	305	0.15	48
LNX	62	66	0.15	9
UCT	86	341	0.15	12
WES	106	280	0.15	11
ECT	106	40	0.15	9
HDM	120	358	0.15	9
BCT	136	29	0.15	9
FLR	154	307	0.15	6
1978 Aug 10 41.67 N 72.83 W Magnitude (MB)LG = 1.9				
HDM	33	308	0.15	9
BCT	50	67	0.15	8
ECT	52	111	0.15	4
UCT	52	249	0.15	5
LNX	83	154	0.15	5
QUA	96	203	0.15	5
FLR	143	267	0.15	6
WES	148	237	0.15	6
1978 Aug 10 41.74 N 72.80 W Magnitude (MB)LG = 1.9				
HDM	36	321	0.15	12
UCT	46	257	0.15	7
ECT	52	102	0.15	5
BCT	56	61	0.15	9
LNX	77	149	0.15	5
QUA	87	204	0.15	6
FLR	139	271	0.15	6
WES	141	239	0.15	6
1978 Aug 14 41.34 N 72.80 W Magnitude (MB)LG = 1.9				
HDM	28	235	0.15	24
BCT	52	109	0.15	10
UCT	71	220	0.15	8
ECT	75	137	0.15	6
LNX	117	160	0.15	5
QUA	128	196	0.15	8
FLR	146	253	0.15	8
WES	168	226	0.15	8
1978 Aug 14 42.13 N 72.69 W Magnitude (MB)LG = 2.0				
QUA	45	216	0.15	14
UCT	49	312	0.15	10
LNX	54	116	0.15	7
ECT	68	62	0.15	8
HDM	73	349	0.15	8
BCT	91	40	0.15	7
WES	116	256	0.15	10
FLR	138	289	0.15	8
1978 Aug 16 41.34 N 72.80 W Magnitude (MB)LG = 1.9				
HDM	28	235	0.15	21

Table 5—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
BCT	52	109	0.15	11
UCT	71	220	0.15	7
ECT	75	137	0.15	6
LNX	117	160	0.15	6
QUA	128	196	0.15	6
FLR	146	253	0.15	7
WES	168	226	0.15	8

1978 Aug 17
41.34 N 72.80 W
Magnitude (MB)LG = 1.9

HDM	28	235	0.15	26
BCT	52	109	0.15	12
UCT	71	220	0.15	12
ECT	75	137	0.15	6
LNX	117	160	0.15	6
QUA	128	196	0.15	6
FLR	146	253	0.15	7
WES	168	226	0.15	8

1978 Aug 18
41.71 N 72.71 W
Magnitude (MB)LG = 1.9

HDM	30	328	0.15	24
UCT	40	251	0.15	14
ECT	60	103	0.15	10
BCT	61	103	0.15	11
LNX	84	146	0.15	8
QUA	87	198	0.15	8
FLR	132	269	0.15	10
WES	137	237	0.15	11

1978 Aug 21
41.34 N 72.80 W
Magnitude (MB)LG = 1.9

HDM	28	235	0.15	17
BCT	52	109	0.15	12
UCT	71	220	0.15	8
ECT	75	137	0.15	8
LNX	117	160	0.15	6
QUA	128	196	0.15	8
FLR	146	253	0.15	6
WES	168	226	0.15	7

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)

1978 Aug 25
42.87 N 70.83 W
Magnitude (MB)LG = 2.3

WES	67	37	0.15	25
FLR	130	11	0.15	8
QUA	135	71	0.15	13
HNH	150	129	0.15	13
TRM	161	196	0.15	11
UCT	164	46	0.15	10
NSC	176	29	0.15	10
BNH	194	170	0.15	7
HDM	208	43	0.15	10
LNX	209	74	0.15	10
ECT	242	62	0.15	9
BPM	256	219	0.15	8
BCT	261	55	0.15	8

1978 Aug 31
41.46 N 72.73 W
Magnitude (MB)LG = 1.8

HDM	18	259	0.15	12
UCT	58	224	0.15	7
ECT	71	127	0.15	7
NSC	73	268	0.15	6
LNX	108	156	0.15	5
QUA	115	195	0.20	8
FLR	137	257	0.15	6

1978 Aug 31
42.54 N 71.69 W
Magnitude (MB)LG = 2.0

WES	35	300	0.15	29
QUA	57	81	0.15	14
UCT	91	31	0.15	12
FLR	103	333	0.15	9
NSC	118	7	0.15	12
LNX	132	81	0.15	9
HDM	136	31	0.15	12
ECT	162	62	0.15	11

1978 Sep 01
42.48 N 71.46 W
Magnitude (MB)LG = 2.0

WES	16	313	0.15	21
QUA	75	88	0.15	7

Table 5—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
FLR	89	342	0.15	10
UCT	97	43	0.15	8
NSC	116	17	0.15	11
HDM	141	39	0.15	8
LNX	150	85	0.15	6
HNH	152	154	0.20	12
ECT	177	67	0.15	9
BCT	194	56	0.15	6
BNH	235	184	0.20	3

1978 Sep 01
42.13 N 72.69 W
Magnitude (MB)LG = 1.9

QUA	45	216	0.15	8
LNX	54	116	0.15	4
ECT	68	62	0.15	4
HDM	73	349	0.15	8
NSC	100	316	0.15	12
WES	116	256	0.15	7
FLR	138	289	0.15	6

1978 Sep 01
46.00 N 71.37 W
Magnitude (MB)LG = 2.2

JKM	96	293	0.15	16
DVT	132	29	0.20	12
BNH	157	357	0.15	8
MIM	200	294	0.15	8
TRM	213	335	0.20	13
BPM	254	306	0.20	10
HNH	266	16	0.20	19
CBM	270	246	0.40	12
EMM	335	293	0.15	5

1978 Sep 03
41.36 N 71.36 W
Magnitude (MB)LG = 2.8

NSC	43	108	0.15	23
FLR	44	208	0.15	25
UCT	91	126	0.15	10
HDM	98	98	0.15	9
WES	114	182	0.15	14
QUA	148	146	0.15	14
BCT	170	96	0.15	8
ECT	179	108	0.15	9
LNX	192	125	0.15	8

1978 Sep 05
41.71 N 72.71 W
Magnitude (MB)LG = 1.9

HDM	30	328	0.15	17
UCT	40	251	0.15	12
ECT	60	103	0.20	11
BCT	61	67	0.15	14
NSC	76	290	0.15	15
LNX	84	146	0.15	6
QUA	87	198	0.15	7
FLR	132	269	0.15	11
WES	137	237	0.15	7

1978 Sep 05
41.46 N 72.73 W
Magnitude (MB)LG = 2.1

HDM	18	259	0.15	58
BCT	55	94	0.15	15
UCT	58	224	0.15	12
NSC	73	268	0.15	17
LNX	108	156	0.15	10
QUA	115	195	0.15	20
FLR	137	257	0.15	11
WES	156	228	0.15	9

1978 Sep 06
41.33 N 72.52 W
Magnitude (MB)LG = 2.1

HDM	31	275	0.15	17
BCT	53	86	0.15	16
UCT	74	230	0.15	10
ECT	78	126	0.15	4
NSC	82	272	0.15	12
LNX	122	155	0.15	8
QUA	133	195	0.15	16
FLR	147	266	0.15	6
WES	172	231	0.15	9

1978 Sep 20
41.33 N 72.78 W
Magnitude (MB)LG = 2.2

HDM	27	275	0.15	45

Table 5—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
BCT	53	86	0.15	16
UCT	70	230	0.15	8
NSC	80	272	0.15	23
LNX	118	155	0.15	5
QUA	128	195	0.15	7
FLR	145	266	0.10	5
WES	168	145	0.15	9
1978 Sep 25				
41.69 N 72.75 W				
Magnitude (MB)LG = 2.1				
HDM	30	334	0.15	27
UCT	44	253	0.15	12
ECT	57	99	0.15	6
BCT	57	65	0.15	13
NSC	79	249	0.15	28
LNX	84	144	0.15	7
QUA	90	198	0.15	7
FLR	136	274	0.15	9
WES	141	237	0.15	8
1978 Sep 27				
41.33 N 72.78 W				
Magnitude (MB)LG = 2.2				
HDM	28	275	0.15	31
BCT	53	86	0.15	21
UCT	72	230	0.15	7
ECT	77	126	0.15	8
NSC	80	272	0.15	26
LNX	120	155	0.15	5
QUA	130	195	0.15	9
WES	169	231	0.15	7
1978 Oct 04				
42.12 N 72.69 W				
Magnitude (MB)LG = 2.0				
QUA	46	224	0.15	16
UCT	49	302	0.15	9
LNX	54	122	0.15	6
ECT	68	64	0.15	8
HDM	72	343	0.15	8
BCT	90	37	0.15	8
NSC	100	310	0.15	8
WES	117	255	0.15	10
FLR	138	288	0.15	6

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
1978 Oct 04				
41.33 N 72.78 W				
Magnitude (MB)LG = 2.1				
HDM	31	275	0.15	23
BCT	53	86	0.15	14
UCT	74	230	0.15	7
ECT	78	126	0.15	4
NSC	82	272	0.15	15
FLR	147	266	0.15	6
1979 Apr 18				
44.01 N 69.79 W				
Magnitude (MB)LG = 2.8				
TRM	46	127	0.20	103
MIM	149	203	0.15	24
JKM	186	169	0.15	58
EMM	200	245	0.15	39
DVT	217	120	0.15	72
HNM	278	210	0.15	33
CBM	350	201	0.15	8
1979 Jul 09				
43.39 N 71.45 W				
Magnitude (MB)LG = 2.3				
HNH	76	118	0.15	11
BVT	92	88	0.15	16
QUA	128	36	0.15	15
IVT	131	97	0.15	8
BNH	134	187	0.15	5
DVT	184	162	0.15	7
UCT	185	21	0.15	12
FLR	188	352	0.15	6
LNX	189	52	0.15	9
HKM	202	225	0.15	7
HDM	229	23	0.15	10
BPM	254	236	0.15	6
BCT	264	38	0.15	8
1979 Jul 12				
46.00 N 71.37 W				
Magnitude (MB)LG = 2.2				
JKM	96	293	0.15	15
DVT	132	29	0.15	9
BNH	157	357	0.15	6
MIM	200	294	0.15	7

Table 5—*continued*

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
HKM	202	317	0.15	8
BPM	254	306	0.15	6
CBM	270	246	0.15	3
EMM	335	293	0.15	5
1979 Jul 13				
46.00 N 71.37 W				
Magnitude (MB)LG = 2.2				
JKM	96	293	0.15	12
DVT	132	29	0.15	8
BNH	157	357	0.20	10
MIM	200	294	0.20	8
HKM	202	317	0.20	10
BPM	254	306	0.20	10
CBM	270	246	0.20	3
EMM	335	293	0.20	5
1979 Jul 16				
46.00 N 71.37 W				
Magnitude (MB)LG = 2.1				
JKM	96	293	0.15	10
DVT	132	29	0.15	6
BNH	157	357	0.15	6
MIM	200	294	0.15	6
HKM	202	317	0.15	6
BPM	254	306	0.15	6
CBM	270	246	0.20	3
EMM	335	293	0.20	5
1979 Jul 16				
46.00 N 71.37 W				
Magnitude (MB)LG = 2.1				
JKM	96	293	0.15	8
DVT	132	29	0.15	6
BNH	157	357	0.15	5
MIM	200	294	0.15	6
HKM	202	317	0.15	6
BPM	254	306	0.15	6
CBM	270	246	0.15	3
EMM	335	293	0.15	5
1979 Jul 16				
46.00 N 71.37 W				
Magnitude (MB)LG = 1.9				
JKM	96	293	0.15	7
DVT	132	29	0.15	5
BNH	157	357	0.15	3
MIM	200	294	0.15	4
HKM	202	317	0.15	5
BPM	254	306	0.15	3
CBM	270	246	0.15	3
1979 Jul 17				
46.00 N 71.37 W				
Magnitude (MB)LG = 2.2				
JKM	96	293	0.15	12
DVT	132	29	0.15	7
BNH	157	357	0.15	6
MIM	200	294	0.15	7
HKM	202	317	0.15	8
BPM	254	306	0.15	5
CBM	270	246	0.15	3
EMM	335	293	0.15	5

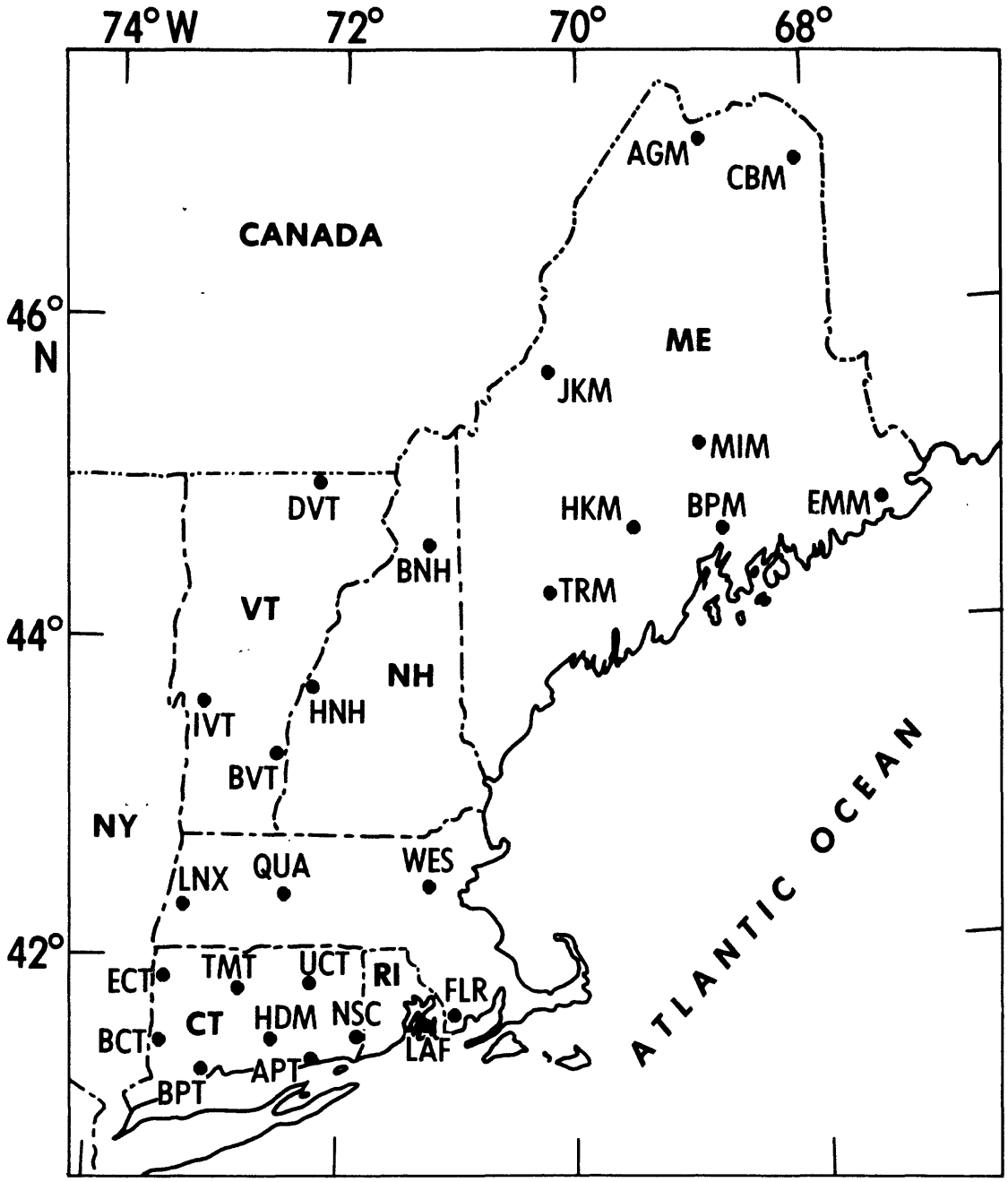


Figure 67.—New England seismological station locations used to tabulate the *Lg*-wave vertical component of ground motion (table 5).
[Map shows political boundaries of the Northeastern U. S.; north latitude; west longitude; solid circles show locations of stations used throughout table 5.]

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