

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

***Pg*-WAVE DATA-BASE TABULATION FROM RECORDINGS
MADE BY VERTICAL SHORT-PERIOD SYSTEMS ON THE
LRSM AND NEW ENGLAND NETWORKS**

by

A. F. Espinosa and J. A. Michael



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1983

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PREFACE

This report contains P_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 P_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 P_g -waves 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 epicentral distance, azimuth, period and the amplitude of P_g -waves as read from microfilm records of short-period seismographs. Table 1 lists the vertical component of ground motion. The operational daily data logs made in the field, which lists all the pertinent parameters needed to determine the seismograph system frequency response, were used in order to correct the data listed on the subject table.

A total of 1,281 observations are listed for 115 events. 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 station abbreviations used in table 1 are listed with their coordinates in table 2.

Table 3 lists the amplitudes and periods of P_g -waves from explosive sources and earthquake recordings during 1976 through 1979, on short-period seismographs of the New England network.

DATA COLLECTION

The P_g -wave vertical 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 lists the station abbreviation, the epicentral distance in kilometers, the azimuth in degrees,

the apparent period in seconds, and the amplitude-period ratio in millimicrons per second.

The amplitude data were read from 0 to peak of the maximum amplitude of the P_g -wave. Operational logs for the dates of each event were obtained from Teledyne-Geotech, Alexandria Laboratories, in order to calibrate each of the films containing the events being studied. After determining the short-period seismograph frequency response, a correction was made to the scaled P_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 P_g -waves in conterminous United States. Figure 1 shows the location of the LRSM stations, identified as solid circles.

Table 3 contains the data read from short-period vertical seismograph systems at the New England network of stations. The format is similar to the data-base listed in table 1. 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. There are a total of 73 events and 612 observations. Figure 2 shows the location of the New England seismological stations.

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

Table 1.— *Pg*-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 2); distance (kilometers); azimuth (degrees); period (seconds); and amplitude divided by period (millimicrons per seconds).]

Table 1

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1961 Sep 15 37.19 N 116.21 W Magnitude (MB)= 4.70					1961 Dec 03 37.05 N 116.03 W Magnitude (MB)= 4.30				
MN-NV	220.2	128	0.4	1063.0	TP-NV	24.5	134	0.4	15100.0
BF-CL	292.5	54	0.7	470.0	LM-NV	142.3	292	0.7	6100.0
WI-NV	474.8	166	0.4	117.5	MN-NV	242.4	129	0.5	868.0
CP-CL	494.8	2	0.6	56.4	KN-UT	284.7	271	0.7	1283.0
BP-CL	498.2	114	0.5	84.2	WM-AZ	387.0	299	0.7	537.0
FS-AZ	500.4	299	0.4	94.7	FM-UT	412.6	235	0.5	176.0
VN-UT	673.9	241	0.6	55.7	FS-AZ	478.2	299	0.6	221.0
LC-NM	1026.4	304	0.7	10.1	CP-CL	480.4	4	0.6	145.0
1961 Sep 16 37.05 N 116.03 W Magnitude (MB)= 2.30					WI-NV	493.7	165	0.6	319.0
MN-NV	242.4	129	0.4	1.6	MV-CL	521.5	116	0.6	63.8
1961 Oct 10 37.19 N 116.21 W Magnitude (MB)= 3.90					SF-AZ	576.0	302	0.7	242.0
MN-NV	219.1	128	0.5	222.0	VN-UT	679.4	238	0.7	83.7
FM-UT	415.9	239	0.6	43.2	SV-AZ	700.6	299	0.7	173.0
CP-CL	496.0	2	0.5	5.3	DR-CO	732.8	269	0.5	99.0
FS-AZ	500.4	300	0.5	11.2	HL-ID	747.3	192	0.6	61.8
MV-CL	500.4	115	0.5	10.9	ML-NM	768.4	302	0.7	144.0
VN-UT	682.8	240	0.6	13.0	TC-NM	889.6	301	0.8	166.0
HL-ID	736.1	194	0.5	7.2	LC-NM	1005.2	303	0.8	25.4
DR-CO	747.3	270	0.5	21.3	RT-NM	1039.7	275	0.8	52.3
1961 Oct 29 37.05 N 116.03 W Magnitude (MB)= 3.70					SS-TX	1490.1	305	0.8	4.4
MN-NV	242.4	129	0.5	65.3	HB-OK	1553.5	283	1.0	16.9
BF-CL	296.9	58	0.4	15.3	SM-TX	1573.5	288	0.9	13.4
FM-UT	412.6	236	0.4	52.7	LP-TX	1753.6	301	1.2	5.6
FS-AZ	479.3	299	0.5	13.9	TO-OK	1783.6	285	0.9	8.4
CP-CL	480.4	4	0.5	7.8	1961 Dec 13 37.13 N 116.05 W Magnitude (MB)= 3.40				
WI-NV	493.7	165	0.5	91.8	TP-NV	17.8	117	0.4	2650.0
DR-CO	732.8	269	0.5	8.2	N2-NV	54.5	354	0.2	148.0
HL-ID	748.4	192	0.4	8.3	KN-UT	286.9	273	0.4	53.8
					WM-AZ	392.5	300	0.5	32.6
					FM-UT	409.2	237	0.4	49.9
					WI-NV	484.8	165	0.4	50.7
					CP-CL	489.3	3	0.5	4.2
					MV-CL	516.0	115	0.4	2.4
					SF-AZ	582.7	302	0.6	6.5
					DR-CO	733.9	270	0.6	4.8
					HL-ID	739.5	192	0.7	4.8
					ML-NM	775.1	304	0.8	6.7
					TC-NM	896.3	302	0.4	1.3

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)
1961 Dec 17 37.04 N 116.03 W Magnitude (MB)= 4.10					HL-ID 749.5 192 0.4 31.1 ML-NM 769.5 304 0.5 24.6 TC-NM 890.7 301 0.6 46.7 LC-NM 1005.2 303 0.7 7.8 RT-NM 1040.8 275 0.6 12.3 TK-WA 1089.8 158 0.8 3.0 EF-TX 1196.5 306 0.8 3.0				
N2-NV	45.6	354	0.4	2300.0	1962 Jan 18 37.05 N 116.03 W Magnitude (MB)= 4.50 DV-CL 134.6 3 0.4 1730.0 MN-NV 242.4 129 0.5 528.0 AT-NV 284.7 161 0.4 438.0 BF-CL 296.9 58 0.7 244.0 TN-CL 315.8 359 0.6 341.0 WM-AZ 388.1 299 0.5 114.0 FM-UT 412.6 235 0.5 86.7 FS-AZ 479.3 299 0.7 130.0 CP-CL 480.4 4 0.5 72.7 MV-CL 521.5 116 0.7 45.5 SF-AZ 577.1 302 0.5 157.0 VN-UT 680.5 238 0.7 59.1 SV-AZ 700.6 299 0.6 69.7 DR-CO 732.8 269 0.5 34.5 HL-ID 748.4 192 0.7 41.8 ML-NM 769.5 304 0.6 36.5 TC-NM 890.7 301 0.6 75.3 LC-NN 1005.2 303 0.8 15.2 PM-WY 1030.8 247 0.8 7.9 RT-NM 1040.8 275 0.7 10.2 EP-TX 1084.2 304 0.7 21.0				
LM-NV	142.3	292	0.3	3080.0					
MN-NV	243.5	129	0.4	443.0					
KN-UT	284.7	271	0.4	467.0					
WM-AZ	387.0	299	0.6	164.0					
FM-UT	412.6	235	0.5	107.0					
FS-AZ	478.2	299	0.6	80.0					
CP-CL	480.4	4	0.5	40.0					
WI-NV	493.7	165	0.5	227.0					
MV-CL	521.5	116	0.7	13.3					
SF-AZ	576.0	302	0.5	72.8					
VN-UT	679.4	238	0.5	26.1					
SV-AZ	700.6	299	0.6	53.1					
DR-CO	732.8	269	0.5	40.4					
HL-ID	749.5	192	0.5	17.5					
ML-NM	768.4	304	0.7	25.8					
LC-NM	1005.2	303	0.8	12.1					
1961 Dec 22 37.19 N 116.21 W Magnitude (MB)= 3.20									
N2-NV	65.6	342	0.3	48.0					
MN-NV	220.2	128	0.4	37.5					
KN-UT	301.4	275	0.5	8.2					
WM-AZ	409.2	300	0.4	7.0					
FM-UT	415.9	239	0.4	3.7					
WI-NV	473.7	166	0.5	21.6					
HL-ID	735.0	194	0.6	1.3					
1962 Jan 09 37.04 N 116.04 W Magnitude (MB)= 4.20					1962 Jan 30 37.05 N 116.04 W Magnitude (MB)= 4.50 DV-CL 134.6 2 0.6 6580.0 MN-NV 242.4 129 0.6 894.0 AT-NV 284.7 161 0.4 899.0 KN-UT 285.8 271 0.4 1280.0 BF-CL 295.8 58 0.7 284.0 TN-CL 315.8 359 0.7 405.0 WM-AZ 388.1 299 0.7 503.0 FM-UT 413.7 236 0.4 116.0				
N2-NV	45.6	354	0.4	1845.0					
DV-CL	134.6	3	0.4	2180.0					
KN-UT	284.7	271	0.5	740.0					
WM-AZ	388.1	299	0.4	200.0					
FM-UT	412.6	235	0.4	85.0					
WI-NV	497.1	346	0.5	89.8					
MV-CL	523.8	295	0.5	17.8					
SF-AZ	577.1	123	0.5	65.8					
VN-UT	680.5	65	0.5	38.3					
SV-AZ	700.6	120	0.5	39.9					

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
FS-AZ	479.3	299	0.4	259.0	1962 Feb 09				
CP-CL	480.4	4	0.5	115.0	37.04 N 116.04 W				
					Magnitude (MB)= 4.20				
WI-NV	492.6	165	0.4	660.0	N2-NV	45.6	0	0.5	1560.0
MV-CL	520.4	116	0.6	54.8	DV-CL	134.6	0	0.6	1750.0
SF-AZ	577.1	302	0.8	153.0	MN-NV	241.3	126	0.6	760.0
VN-UT	680.5	238	0.7	80.7	AT-NV	285.8	162	0.6	380.0
SV-AZ	700.6	299	0.6	99.9	KN-UT	285.8	271	0.6	550.0
DR-CO	733.9	269	0.4	58.7	BF-CL	295.8	57	0.7	240.0
HL-ID	748.4	192	0.5	57.4	TN-CL	315.8	359	0.6	260.0
ML-NM	769.5	304	0.8	97.4	WM-AZ	388.1	299	0.6	230.0
TC-NM	890.7	301	0.8	111.0	FM-UT	413.7	224	0.7	280.0
PT-OR	980.8	165	0.7	8.1	FS-AZ	479.3	298	0.7	92.0
LC-NM	1006.4	303	0.9	39.9	CP-CL	479.3	4	1.0	86.0
RT-NM	1040.8	275	0.6	28.5	WI-NV	493.7	166	0.6	50.0
EP-TX	1084.2	304	0.6	22.5	MV-CL	521.5	117	0.8	60.0
EF-TX	1197.6	306	0.8	5.8	SF-AZ	577.1	303	0.6	134.0
BM-TX	1313.3	304	0.7	13.9	VN-UT	680.5	227	0.7	72.0
1962 Feb 08					SV-AZ	700.6	297	0.6	48.0
37.13 N 116.05 W					VT-OR	707.2	163	0.6	60.0
Magnitude (MB)= 4.30					DR-CO	733.9	266	0.6	29.0
N2-NV	55.6	0	0.6	635.0	HL-ID	748.4	191	0.6	54.0
DV-CL	143.4	2	0.3	3000.0	ML-NM	769.5	301	0.6	52.0
MN-NV	234.6	125	0.7	370.0	TC-NM	890.7	298	1.0	60.0
AT-NV	275.8	163	0.4	720.0	LC-NM	1005.2	301	1.0	10.0
KN-UT	286.9	273	0.5	360.0	RT-NM	1040.8	273	0.7	18.0
BF-CL	300.2	55	0.6	122.0	EP-TX	1084.2	306	0.8	19.0
TN-CL	324.7	0	0.6	70.0	EF-TX	1197.6	308	0.8	4.2
WM-AZ	393.6	300	0.5	230.0	GN-NM	1234.3	301	0.4	22.0
FM-UT	409.2	236	1.0	120.0	WN-SD	1594.6	250	1.0	5.0
FS-AZ	484.8	299	0.5	106.0	1962 Feb 15				
WI-NV	484.8	165	0.5	178.0	37.23 N 116.06 W				
CP-CL	489.3	3	0.5	50.0	Magnitude (MB)= 4.90				
MV-CL	516.0	76	0.6	23.0	N2-NV	65.6	354	0.4	36.0
SF-AZ	582.7	302	0.7	83.0	DV-CL	154.6	2	0.5	900.0
VN-UT	676.1	236	6.7	33.0	MN-NV	228.0	126	0.5	4370.0
SV-AZ	706.1	299	0.5	30.0	AT-NV	262.4	160	0.4	6000.0
DR-CO	733.9	268	0.6	25.0	KN-UT	288.0	275	0.4	5500.0
HL-ID	739.5	192	0.5	24.0	TN-CL	335.8	358	0.4	1500.0
ML-NM	775.1	303	0.9	50.0	WM-AZ	399.2	301	0.5	2050.0
TC-NM	896.3	299	0.9	30.0	FM-UT	402.5	238	0.5	571.0
LC-NM	1010.8	301	1.0	12.0	WI-NV	473.7	165	0.5	1783.0
RT-NM	1041.9	305	0.5	10.0					
LP-TX	1089.8	301	0.8	12.0					
BM-TX	1317.7	0	1.0	6.8					
WMO	1596.8	279	1.1	2.9					

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)
CP-CL	500.4	3	0.8	302.0	VN-UT	669.4	239	0.7	240.0
MV-CL	511.5	114	0.7	148.0	VT-OR	688.3	162	0.9	1350.0
SF-AZ	589.4	303	0.7	564.0					
1962 Feb 19					SV-AZ	710.6	300	0.6	176.0
37.05 N 116.03 W					HL-ID	729.5	193	0.7	150.0
Magnitude (MB)= 4.04					DR-CO	733.9	270	0.5	132.0
N2-NV	48.9	0	0.4	696.0	PT-OR	960.8	165	0.8	35.0
DV-CL	134.6	2	0.5	1000.0	LC-NM	1017.5	304	0.9	50.0
MN-NV	242.4	127	0.5	303.0					
KN-UT	284.7	271	0.5	357.0	RT-NM	1043.1	277	1.1	52.0
AT-NV	284.7	163	0.4	262.0	TR-WA	1069.7	158	0.8	21.0
					EP-TX	1095.3	305	0.8	49.0
TN-CL	315.8	359	0.5	179.0	EF-TX	1208.7	307	0.9	21.0
WM-AZ	388.1	300	0.4	262.0	GN-NM	1244.3	300	8.0	66.0
FM-UT	412.6	236	0.6	45.8					
FS-AZ	478.2	298	0.5	35.5	BM-TX	1324.4	305	0.7	15.2
CP-CL	480.4	4	0.5	31.3	SS-TX	1501.2	306	1.0	7.6
					WN-SD	1503.4	249	0.8	11.6
MV-CL	521.5	116	0.6	20.5	HB-OK	1556.8	283	1.0	19.0
SF-AZ	577.1	302	0.6	48.1	WMO	1597.9	285	1.0	12.0
VN-UT	671.6	236	0.6	25.8					
SV-AZ	700.6	298	0.6	14.3	1962 Feb 24				
VT-OR	707.2	163	0.4	58.6	37.05 N 116.03 W				
					Magnitude (MB)= 2.00				
DR-CO	732.8	267	0.5	21.0	N2-NV	45.6	355	0.4	5.9
HL-ID	748.4	192	0.5	13.1	DV-CL	134.6	3	0.3	5.2
TC-NM	890.7	299	0.9	23.6	KN-UT	284.7	272	0.6	2.0
LC-NM	1005.2	303	1.0	6.4					
1962 Feb 19					1962 Mar 01				
37.13 N 116.04 W					37.04 N 116.03 W				
Magnitude (MB)= 4.00					Magnitude (MB)= 4.40				
N2-NV	54.5	0	0.5	232.0	N2-NV	45.6	355	0.8	2650.0
DV-CL	143.4	1	0.5	909.0	KN-UT	284.7	271	0.5	1250.0
MN-NV	235.7	125	0.5	253.0	WM-AZ	387.0	299	0.8	455.0
AT-NV	276.9	162	0.5	748.0	FM-UT	412.6	235	0.6	181.0
KN-UT	285.8	271	0.4	545.0	FS-AZ	478.2	299	0.8	272.0
TN-CL	324.7	359	0.5	150.0	CP-CL	479.3	4	0.5	115.0
WM-AZ	392.5	301	0.5	224.0	MV-CL	521.5	116	0.8	54.3
FM-UT	408.1	136	0.5	57.8	SF-AZ	576.0	302	0.8	239.0
FS-AZ	482.6	301	0.6	60.5	VN-UT	680.5	238	0.8	99.7
CP-CL	489.3	4	0.5	31.3	SV-AZ	700.6	299	0.8	148.0
MV-CL	551.6	116	0.6	26.4	VT-OR	708.3	162	0.5	194.0
SF-AZ	581.6	303	0.5	48.9	DR-CO	732.8	269	0.4	82.0
VN-UT	675.0	237	0.4	27.4	HL-ID	749.5	192	0.8	68.5
VT-OR	698.3	164	0.5	78.7	TC-NM	889.6	301	0.8	193.0
SV-AZ	703.9	299	0.6	36.2	PT-OR	980.8	165	0.8	11.7
DR-CO	732.8	268	0.5	24.7	LC-NM	1005.2	303	0.8	32.8
HL-ID	739.5	192	0.5	16.3	EP-TX	1083.1	304	0.8	30.1
TC-NM	895.2	300	0.6	18.4					
LC-NM	1009.7	302	0.7	4.7					

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1962 Mar 05 37.11 N 116.36 W Magnitude (MB)= 4.20					1962 Apr 05 37.04 N 116.02 W Magnitude (MB)= 4.60				
DV-CL	136.8	345	0.6	426.0	DV-CL	134.6	1	0.3	3820.0
MN-NV	205.7	135	0.6	174.0	MN-NV	242.4	127	0.7	771.0
AT-NV	259.1	170	0.5	117.0	KN-UT	283.6	270	0.6	916.0
KN-UT	302.5	273	0.4	82.7	AT-NV	285.8	163	0.6	578.0
TN-CL	312.5	345	0.5	58.0	BF-CL	296.9	59	0.7	308.0
WM-AZ	402.5	299	0.6	43.6	TN-CL	314.7	359	0.7	311.1
FM-UT	417.0	237	0.4	21.2	WM-AZ	387.0	299	0.8	411.0
WI-NV	463.7	170	0.5	42.2	FM-UT	412.6	236	0.9	191.0
CP-CL	469.3	14	0.6	10.1	FS-AZ	477.0	298	0.7	202.0
MV-CL	490.4	117	0.6	21.6	CP-CL	479.3	4	0.7	87.3
FS-AZ	491.5	299	0.6	19.9	WI-NV	493.7	166	0.6	275.0
SF-AZ	588.2	302	0.5	95.1	SF-AZ	576.0	302	0.9	264.0
VT-OR	675.0	171	0.4	39.4	SV-AZ	699.4	298	0.9	163.0
HL-ID	730.6	187	0.5	11.9	VT-OR	707.2	163	0.7	175.0
DR-CO	745.0	269	0.6	8.3	DR-CO	731.7	268	0.6	49.3
TC-NM	905.2	301	0.6	25.0	HL-ID	748.4	192	0.7	38.9
1962 Mar 31 37.05 N 116.04 W Magnitude (MB)= 4.01					TC-NM	889.6	299	0.7	106.0
N2-NV	45.6	354	0.4	512.0	PT-OR	980.8	166	0.6	12.6
DV-CL	134.6	2	0.5	335.0	LC-NM	1004.1	301	0.8	30.0
MN-NV	242.4	129	0.4	117.0	EP-TX	1082.0	302	0.7	32.4
AT-NV	284.7	161	0.5	151.0	EF-TX	1195.4	304	0.8	6.6
KN-UT	285.8	272	0.5	160.0	LP-TX	1753.6	300	0.9	29.7
BF-CL	295.8	58	0.8	50.3	1962 Apr 06 37.12 N 116.04 W Magnitude (MB)= 4.30				
TN-CL	315.8	359	0.4	75.1	IR-4	84.5	310	0.6	5330.0
WM-AZ	388.1	299	0.5	103.0	IR-11	105.6	65	0.6	850.0
FM-UT	412.6	236	0.8	26.3	DV-CL	143.4	2	0.6	3320.0
FS-AZ	479.3	299	0.6	22.9	IR-12	153.5	63	0.4	5840.0
CP-CL	480.4	4	0.5	12.7	IR-13	200.2	72	0.5	2910.0
WI-NV	492.6	165	0.5	60.6	IR-7	212.4	317	0.6	1050.0
MV-CL	521.5	116	0.6	7.7	MN-NV	235.7	128	0.6	866.0
SF-AZ	577.1	302	0.5	22.8	AT-NV	276.9	161	0.4	1770.0
VN-UT	680.5	238	0.6	9.3	KN-UT	285.8	273	0.5	1260.0
SV-AZ	700.6	299	0.4	11.7	BF-CL	300.2	56	0.6	301.0
VT-OR	707.2	163	0.4	16.0	IR-15	304.7	74	0.5	959.0
DR-CO	733.9	269	0.4	8.0	TN-CL	323.6	359	0.6	642.0
HL-ID	748.4	192	0.6	5.8	WM-AZ	392.5	300	0.6	829.0
LC-NM	1006.4	303	1.1	5.2	FM-UT	409.2	236	0.6	133.0
EP-TX	1084.2	304	0.6	3.0	FS-AZ	482.6	299	0.7	261.0

Table 1—continued

Sta.	Dist.	Azim.	T	Amp/T	Sta.	Dist.	Azim.	T	Amp/T
	(km)	(deg)	(sec)	(μ /sec)		(km)	(deg)	(sec)	(μ /sec)
WI-NV	485.9	165	0.7	430.0	WI-NV	492.6	165	0.6	353.0
CP-CL	488.2	3	0.7	54.6	MV-CL	520.4	116	0.7	38.1
MV-CL	517.1	115	0.6	69.1	DR-CO	733.9	269	0.4	114.0
SF-AZ	581.6	302	0.8	227.0	HL-ID	749.5	192	0.5	35.7
VT-OR	700.6	162	0.6	296.0	LC-NM	1006.4	303	1.0	27.0
SV-AZ	705.0	300	0.7	105.0	EL-WA	1162.0	159	0.8	5.0
DR-CO	732.8	269	0.7	95.2	SS-TX	1490.1	305	1.0	2.9
HL-ID	740.6	192	0.6	77.4					
TC-NM	895.2	302	0.7	84.2					
PT-OR	973.0	165	0.7	9.8					
LC-NM	1009.7	304	0.8	20.0					
PM-WY	1028.6	247	0.9	21.2					
EP-TX	1087.5	305	0.7	26.1					
EF-TX	1202.1	306	0.8	6.4					
SS-TX	1494.5	305	0.9	5.0					
HB-OK	1554.6	283	1.0	15.6					
LP-TX	1758.1	304	0.7	1.7					
1962 May 12					1962 Jun 08				
37.06 N 116.03 W					38.33 N 119.30 W				
Magnitude (MB)= 4.89					Magnitude (ML)= 4.20				
MN-NV	241.3	128	0.8	9500.0	WI-NV	370.3	205	0.5	2496.1
AT-NV	283.6	160	0.6	4250.0	FM-UT	623.8	262	0.6	1164.8
FM-UT	411.4	235	0.9	788.0	CP-CL	676.1	337	0.4	1201.8
TF-CL	412.6	58	0.8	886.0	FS-AZ	800.6	297	0.5	819.7
WI-NV	491.5	165	0.5	204.0					
FS-AZ	479.3	298	0.8	572.0					
MV-CL	520.4	115	0.7	393.0					
VN-UT	678.3	237	0.8	415.0					
VT-OR	706.1	162	0.4	842.0					
DR-CO	732.8	269	0.5	214.0					
HL-ID	746.2	192	0.9	286.6					
PT-OR	978.6	164	1.0	91.9					
LC-NM	1006.4	303	0.9	228.0					
PM-WY	1029.7	246	1.0	97.7					
SS-TX	1491.2	305	0.9	24.5					
WN-SD	1511.2	248	1.0	75.8					
TO-OK	1783.6	285	1.0	25.1					
1962 Jun 06					1962 Jun 13				
37.05 N 116.04 W					37.22 N 116.16 W				
Magnitude (MB)= 4.20					Magnitude (MB)= 4.50				
MN-NV	242.4	129	0.6	569.0	MN-NV	221.3	127	0.4	1490.0
KN-UT	285.8	271	0.4	818.0	KN-UT	296.9	275	0.4	657.0
TF-CL	411.4	58	0.6	104.0	FM-UT	411.4	239	0.4	146.0
FM-UT	413.7	236	0.8	106.0	TF-CL	411.4	55	0.4	113.0
CP-CL	480.4	4	0.6	75.5	WI-NV	471.5	166	0.5	424.0
					FS-AZ	498.2	300	0.4	88.1
					CP-CL	499.3	2	0.4	44.2
					MV-CL	501.5	115	0.4	42.6
					HL-ID	731.7	193	0.7	43.3
					DR-CO	742.8	270	0.4	48.2
					LC-NM	1025.3	304	1.0	12.7
					PM-WY	1031.9	248	1.0	13.7

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
PK-OR	949.6	166	0.8	61.0	FM-UT	404.8	237	0.4	283.0
PT-OR	981.9	167	0.9	91.0	WI-NV	478.2	165	0.4	1270.0
LC-NM	1005.2	302	1.2	481.0	FS-AZ	485.9	300	0.8	303.0
PM-WY	1031.9	244	0.9	80.0					
HS-NB	1286.6	244	0.9	70.0	CP-CL	493.7	3	0.6	61.2
					CP-CL	493.7	3	0.8	231.0
SS-TX	1490.1	302	0.9	19.0	MV-CL	513.7	115	0.8	83.5
HB-OK	1554.6	277	0.9	97.0	DR-CO	732.8	270	0.4	152.0
AK-OK	1829.2	279	1.0	42.0	HL-ID	733.9	192	0.8	63.4
1962 Jun 28					LC-NM	1013.0	304	1.3	89.6
37.01 N 116.20 W					PM-WY	1025.3	248	0.8	16.2
Magnitude (MB)= 4.50					CY-WY	1073.1	248	1.2	113.0
					HB-OK	1554.6	283	1.2	37.0
MN-NV	233.5	132	0.6	1652.8	1962 Jul 08				
KN-UT	300.2	271	0.5	613.3	37.50 N 114.20 W				
TF-CL	395.9	58	0.7	527.0	Magnitude (ML)= 4.40				
FM-UT	428.1	236	1.0	227.7	FM-UT	258.0	223	0.3	43493.4
CP-CL	474.8	2	0.8	127.0	CP-CL	564.9	21	0.6	1699.7
					DR-CO	567.1	270	0.5	2372.4
FS-AZ	491.5	297	0.8	206.0	MV-CL	648.3	87	0.3	5880.4
WI-NV	493.7	167	0.8	150.2	LC-NM	895.2	309	0.7	336.6
MV-CL	509.3	117	0.7	153.4					
DR-CO	749.5	269	0.6	40.5					
HL-ID	755.0	193	0.7	66.9					
PK-OR	949.6	165	0.9	17.2	1962 Jul 13				
PT-OR	981.9	166	1.0	25.0	37.06 N 116.03 W				
SS-TX	1501.2	305	1.0	7.9	Magnitude (MB)= 4.10				
1962 Jun 30					MN-NV	241.3	129	0.4	2010.0
37.12 N 116.05 W					KN-UT	284.7	272	0.4	2820.0
Magnitude (MB)= 4.10					TF-CL	411.4	58	0.8	119.0
					FM-UT	412.6	236	0.7	235.0
MN-NV	235.7	128	0.6	389.0	FS-AZ	479.3	299	0.5	283.0
KN-UT	286.9	273	0.5	662.0					
FM-UT	410.3	236	0.6	55.3	CP-CL	481.5	4	0.7	172.0
TF-CL	413.7	57	0.6	7.3	WI-NV	492.6	165	0.6	895.0
FS-AZ	482.6	299	0.6	106.0	MV-CL	520.4	116	0.7	78.9
					DR-CO	732.8	269	0.6	104.0
CP-CL	488.2	3	0.5	33.5	HL-ID	747.3	192	0.7	79.0
MV-CL	516.0	115	0.6	26.5					
DR-CO	733.9	269	0.6	42.7	PT-OR	979.7	165	0.8	15.6
HL-ID	740.6	192	0.6	23.2	LC-NM	1006.4	303	1.0	62.8
LC-NM	1009.7	304	1.0	10.6	PM-WY	1030.8	247	0.9	26.8
1962 Jul 06					SS-TX	1491.2	305	1.0	5.9
37.18 N 116.04 W					HB-OK	1554.6	283	1.0	20.8
Magnitude (MB)= 4.70									
MN-NV	232.4	126	0.4	1480.0	1962 Jul 14				
KN-UT	286.9	274	0.8	1530.0	36.80 N 115.93 W				
					Magnitude (MB)= 3.70				
					MN-NV	266.9	132	0.8	57.3

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
KN-UT	276.9	266	0.5	73.6	1962 Aug 24				
TF-CL	407.0	62	0.6	15.2	37.05 N 116.02 W				
FM-UT	422.6	232	0.7	13.6	Magnitude (MB)= 4.20				
CP-CL	453.7	5	0.7	38.4	MN-NV	242.4	129	0.6	270.0
FS-AZ	459.3	296	0.4	26.2	KN-UT	284.7	272	0.6	330.0
WI-NV	521.5	165	0.6	16.6	FM-UT	412.6	235	0.7	67.0
MV-CL	542.7	118	0.7	5.4	TF-CL	412.6	58	0.6	47.0
DR-CO	727.2	267	0.5	6.6	FS-AZ	479.3	299	0.7	71.0
HL-ID	772.8	191	0.7	3.3	CP-CL	480.4	4	0.6	40.0
HL-ID	772.8	191	0.8	4.4	WI-NV	492.6	165	0.6	74.0
LC-NM	984.1	302	0.9	2.5	MV-CL	521.5	116	0.6	26.0
1962 Jul 27					DR-CO	732.8	269	0.6	28.0
37.13 N 116.06 W					HL-ID	748.4	192	0.8	19.0
Magnitude (MB)= 4.30					LC-NM	1005.2	304	0.9	15.0
MN-NV	234.6	128	0.7	630.0	1962 Sep 14				
KN-UT	288.0	273	0.7	560.0	37.04 N 116.02 W				
FM-UT	410.3	237	0.6	81.0	Magnitude (MB)= 4.40				
TF-CL	412.6	57	0.8	65.0	MN-NV	242.4	129	0.6	550.0
FS-AZ	484.8	299	0.6	110.0	KN-UT	283.6	271	0.7	500.0
WI-NV	484.8	165	0.5	210.0	FM-UT	411.4	236	0.8	14.0
CP-CL	488.2	2	0.7	48.0	TF-CL	411.4	56	0.7	93.0
MV-CL	516.0	115	0.8	29.0	FS-AZ	478.2	299	0.7	110.0
DR-CO	735.0	270	0.5	30.0	CP-CL	479.3	4	0.7	70.0
HL-ID	740.6	193	0.5	27.0	WI-NV	493.7	166	0.6	200.0
LC-NM	1010.8	304	1.2	18.0	MV-CL	520.4	117	0.7	44.0
HK-WY	1127.6	247	0.8	10.0	DR-CO	731.7	266	0.6	42.0
1962 Aug 24					HL-ID	748.4	192	0.6	33.0
37.12 N 116.04 W					LC-NM	1005.2	301	1.0	25.0
Magnitude (MB)= 4.40					PM-WY	1030.8	243	0.8	8.0
MN-NV	235.7	128	0.6	690.0	HK-WY	1128.7	244	0.8	12.0
KN-UT	285.8	273	0.7	1200.0	HB-OK	1553.5	277	0.5	9.0
FM-UT	409.2	236	0.6	140.0	1962 Sep 20				
TF-CL	414.8	57	0.6	120.0	37.06 N 116.03 W				
FS-AZ	482.6	300	0.7	380.0	Magnitude (MB)= 4.40				
CP-CL	488.2	3	0.7	83.0	MN-NV	241.3	129	0.5	680.0
MV-CL	517.1	115	0.9	47.0	KN-UT	283.6	272	0.6	740.0
DR-CO	732.8	270	0.7	80.0	FM-UT	412.6	236	0.7	180.0
HL-ID	740.6	192	0.6	52.0	TF-CL	412.6	58	0.7	120.0
LC-NM	1008.6	304	0.8	25.0	FS-AZ	479.3	299	0.6	130.0
					CP-CL	480.4	3	1.0	110.0
					WI-NV	492.6	165	0.7	150.0
					MV-CL	521.5	116	0.7	69.0
					DR-CO	732.8	269	0.6	59.0
					HL-ID	747.3	192	0.8	69.0

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
LC-NM	1006.4	304	0.8	36.0	1962 Oct 12				
HK-WY	1128.7	247	0.8	15.0	37.12 N 116.05 W				
SS-TX	1490.1	305	0.8	4.0	Magnitude (MB)= 3.90				
HB-OK	1554.6	283	1.0	12.0	MN-NV	234.6	127	0.7	160.0
CT-OK	1908.2	285	1.2	12.0	KN-UT	286.9	273	0.4	150.0
1962 Sep 29					FM-UT	409.2	236	0.5	44.0
37.12 N 116.03 W					TF-CL	414.8	57	0.7	27.0
Magnitude (MB)= 4.00					FS-AZ	484.8	299	0.6	40.0
MN-NV	236.9	127	0.5	280.0	WI-NV	484.8	165	0.5	71.0
KN-UT	285.8	273	0.6	340.0	CP-CL	489.3	2	0.7	13.0
FM-UT	408.1	236	0.6	60.0	MV-CL	516.0	115	0.6	12.0
TF-CL	415.9	57	0.6	34.0	DR-CO	733.9	269	0.6	10.0
FS-AZ	482.6	299	0.6	70.0	HL-ID	740.6	192	0.7	11.0
WI-NV	485.9	164	0.6	100.0	LC-NM 1010.8 303 0.7 1.0				
CP-CL	488.2	3	0.7	20.0	1962 Oct 27				
MV-CL	518.2	115	0.6	16.0	37.15 N 116.05 W				
DR-CO	732.8	269	0.6	93.0	Magnitude (MB)= 4.20				
HL-ID	740.6	192	0.5	17.0	MN-NV	233.5	127	0.4	460.0
LC-NM 1008.6 303 0.8 4.0					KN-UT	286.9	273	0.6	530.0
1962 Oct 05					FM-UT	408.1	236	0.4	87.0
37.14 N 116.05 W					TF-CL	415.9	56	0.6	74.0
Magnitude (MB)= 5.06					WI-NV	481.5	165	0.5	250.0
N2-NV	57.8	354	0.5	14100.0	FS-AZ	485.9	299	0.6	45.0
MN-NV	233.5	127	1.0	10600.0	CP-CL	491.5	3	0.6	45.0
KN-UT	278.0	274	0.5	5770.0	MV-CL	514.9	115	0.6	21.0
FM-UT	408.1	237	0.9	1620.0	TFO	549.3	307	0.7	53.0
TF-CL	414.8	57	0.6	1082.0	DR-CO	733.9	269	0.6	42.0
WI-NV	482.6	165	0.8	3982.0	HL-ID	737.3	192	0.6	32.0
CP-CL	490.4	3	0.7	770.0	BMO	861.8	172	0.6	11.0
MV-CL	517.1	115	1.0	726.0	LC-NM	1011.9	303	0.8	9.0
TFO	536.0	308	1.2	2000.0	PM-WY	1027.5	247	0.6	3.0
DR-CO	733.9	270	0.8	438.0	1962 Nov 06				
HL-ID	739.5	192	0.8	454.0	45.80 N 122.50 W				
BMO	862.9	173	1.4	28.6	Magnitude (MB)= 4.80				
LC-NM	1010.8	304	1.0	212.0	HL-ID	696.1	291	0.8	1716.0
PM-WY	1027.5	247	1.1	89.0	MV-CL	738.4	352	0.5	7890.0
HK-WY	1126.5	247	1.1	200.0	MN-NV	894.0	336	0.8	937.8
HB-OK	1555.7	283	1.2	112.0	FM-UT	1117.6	311	1.0	345.8
WMO	1595.7	285	1.3	79.3	TF-CL	1201.0	350	0.7	980.1
CU-OK	1713.6	280	1.0	53.0	FS-AZ	1521.2	322	1.0	293.0
					DR-CO	1533.4	307	1.3	101.9
					CP-CL	1543.5	340	1.0	227.2
					LC-NM	2019.4	317	1.4	75.4

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1962 Nov 30 34.33 N 116.90 W Magnitude (ML)= 4.30					FM-UT	408.1	237	0.4	119.0
MV-CL	668.3	144	0.6	1189.4	TF-CL	414.8	57	0.7	121.0
FM-UT	685.0	218	0.7	849.4	WI-NV	481.5	165	0.4	481.0
WI-NV	780.6	176	0.7	1711.1	FS-AZ	484.8	300	0.6	168.0
DR-CO	892.9	247	0.6	967.5	CP-CL	491.5	3	0.6	48.5
1962 Dec 05 30.90 N 104.60 W Magnitude (MB)= 4.00					MV-CL	512.6	115	0.6	40.6
FM-UT	658.3	143	0.7	2691.6	TFO	536.0	308	0.7	80.1
HB-OK	726.1	228	0.5	12728.4	DR-CO	733.9	270	0.6	50.9
FS-AZ	799.5	127	0.5	4152.6	HL-ID	738.4	192	0.7	51.1
LC-NM	850.7	132	0.5	2019.5	BMO	860.7	173	0.8	15.2
HL-ID	902.9	149	0.6	1275.4	UK-OR	915.2	164	0.6	11.5
SE-MN	961.9	210	0.3	17156.9	LC-NM	1011.9	304	0.7	14.2
WI-NV	1098.7	136	0.6	433.6	PM-WY	1027.5	247	0.6	5.7
MP-AR	1173.2	250	0.5	4544.6	SS-TX	1496.8	305	0.4	3.0
MN-NV	1180.9	124	0.8	143.7	1963 Feb 08 37.05 N 116.02 W Magnitude (MB)= 4.39				
SJ-TX	1481.2	302	0.8	861.3	GF-NV	142.3	132	0.6	1527.0
MM-TN	1740.3	254	0.5	1721.4	MN-NV	242.4	128	0.6	676.0
1962 Dec 12 37.17 N 116.21 W Magnitude (MB)= 4.50					KN-UT	284.7	271	0.5	820.0
MN-NV	221.3	129	0.4	1650.0	SZ-NV	316.9	138	0.6	454.0
KN-UT	301.4	274	0.4	491.0	ST-NV	346.9	139	0.5	696.0
TF-CL	404.8	56	0.6	112.0	TF-CL	412.6	58	0.7	119.0
FM-UT	418.1	238	0.7	102.0	FM-UT	412.6	235	0.8	130.0
CP-CL	492.6	2	0.8	48.6	FS-AZ	478.2	298	0.7	14.5
MV-CL	501.5	116	0.7	114.0	CP-CL	480.4	3	0.8	100.0
TFO	549.3	307	1.2	105.0	WI-NV	493.7	165	0.4	333.0
HL-ID	738.4	194	0.4	48.0	MV-CL	521.5	115	0.7	61.9
DR-CO	747.3	270	0.8	41.8	DR-CO	731.7	269	0.7	30.7
PT-OR	964.1	166	0.8	12.5	HL-ID	748.4	192	0.6	25.2
LC-NM	1025.3	304	1.2	42.6	BMO	872.9	172	0.9	38.9
1963 Feb 08 37.15 N 116.05 W Magnitude (MB)= 4.60					UK-OR	926.3	163	0.9	16.7
GF-NV	133.4	130	0.4	2545.0	PT-OR	980.8	164	0.7	8.3
MN-NV	233.5	127	0.6	480.0	LC-NM	1004.1	303	1.0	32.9
KN-UT	286.9	274	0.5	848.0	PM-WY	1030.8	246	0.9	11.2
SZ-NV	305.8	138	0.6	583.0	SS-TX	1489.0	305	0.9	4.4
ST-NV	336.9	138	0.6	1220.0	1963 Feb 21 37.12 N 116.05 W Magnitude (MB)= 4.10				
					MN-NV	235.7	128	0.6	320.0
					KN-UT	265.8	273	0.5	300.0
					ST-NV	340.3	138	0.7	350.0
					LO-NV	395.9	141	0.6	230.0
					FM-UT	409.2	236	0.3	110.0

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
TF-CL	413.7	57	0.7	44.0	AT-NV	278.0	160	0.5	2150.0
FS-AZ	482.6	299	0.7	63.0	ND-CL	282.4	351	0.6	3600.0
WI-NV	484.8	165	0.6	140.0	KN-UT	285.8	272	0.6	3650.0
CP-CL	488.2	3	0.6	24.0	BF-CL	300.2	56	0.8	850.0
MV-CL	516.0	115	0.6	16.0	FM-UT	409.2	236	0.6	475.0
TFO	533.8	307	0.7	10.0	CP-CL	487.1	3	0.8	400.0
UBO	666.1	240	0.4	9.0	MV-CL	516.0	115	1.0	150.0
DR-CO	733.9	270	0.7	23.0	HL-ID	741.7	192	0.6	210.0
HL-ID	740.6	192	0.6	18.0	SR-OR	877.4	171	0.8	80.0
BMO	865.1	173	0.9	5.0	PT-OR	974.1	164	1.0	70.0
UK-OR	918.5	164	0.6	5.0	LC-NM	1008.6	303	1.0	65.0
LC-NM	1009.7	304	0.9	8.0	PM-WY	1028.6	247	1.0	60.0
PM-WY	1027.5	247	1.8	20.0	SS-TX	1494.5	305	0.6	12.0
1963 Feb 25 42.60 N 109.20 W Magnitude (MB)= 4.30					1963 Jun 05 37.20 N 116.21 W Magnitude (MB)= 4.36				
PM-WY	354.7	296	0.5	4830.6	MN-NV	219.1	128	0.6	423.0
HL-ID	371.4	86	0.6	1875.0	BP-CL	221.3	94	0.6	499.0
FM-UT	452.6	34	0.8	2626.3	EY-NV	258.0	198	0.6	376.0
DR-CO	582.7	348	0.5	1122.1	AT-NV	264.7	163	0.4	673.0
WI-NV	698.3	79	0.6	623.2	KG-AZ	269.1	310	0.6	183.0
FS-AZ	856.2	12	0.6	1125.8	WW-UT	273.6	238	0.6	405.0
MN-NV	887.4	59	0.6	398.5	KM-CL	273.6	19	0.7	220.0
LC-NM	1155.4	349	0.6	121.9	BF-CL	293.6	53	0.6	237.0
SE-MN	1192.1	261	0.8	249.7	ND-CL	294.7	348	0.5	175.0
1963 Apr 26 32.60 N 115.70 W Magnitude (ML)= 4.00					KN-UT	301.4	274	0.6	325.0
BF-CL	445.9	139	0.5	1236.9	FM-UT	415.9	238	0.5	85.5
FS-AZ	490.4	231	0.4	2195.0	WI-NV	473.7	166	0.6	666.0
EY-NV	756.2	183	0.4	569.7	CP-CL	496.0	1	0.6	27.2
1963 May 09 40.56 N 124.10 W Magnitude (ML)= 4.00					MV-CL	498.2	115	0.7	76.2
MV-CL	282.4	302	0.4	6537.5	TFO	551.6	307	0.8	28.1
WI-NV	567.1	261	0.5	114.1	UBO	673.9	241	0.6	146.0
1963 May 22 37.11 N 116.04 W Magnitude (MB)= 4.90					HL-ID	735.0	193	0.6	42.7
BP-CL	236.9	96	0.6	2150.0	DR-CO	746.2	270	0.8	29.3
MN-NV	236.9	127	0.8	3600.0	BMO	855.1	173	0.6	8.1
KG-AZ	251.3	311	0.5	1550.0	PT-OR	960.8	165	0.6	9.4
EY-NV	262.4	194	0.6	1200.0	LC-NM	1027.5	303	1.0	7.2
KM-CL	270.2	23	0.8	1950.0	PM-WY	1036.4	248	0.6	5.2
					WMO	1611.3	284	0.6	3.8
					1963 Jul 10 39.90 N 111.40 W Magnitude (MB)= 4.20				
					DR-CO	414.8	310	0.5	2958.7
					HL-ID	479.3	149	0.6	682.5

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
AT-NV	489.3	85	0.6	1203.7	1963 Oct 16				
KG-AZ	521.5	26	0.4	2858.6	42.50 N 70.80 W				
PM-WY	531.5	254	0.6	1937.2	Magnitude (MB)= 4.50				
WI-NV	537.1	87	0.5	2038.6	LS-NH	213.5	156	0.4	43478.7
MN-NV	604.9	75	0.6	916.3	DH-NY	338.0	86	0.5	18980.6
1963 Sep 06					1963 Oct 16				
44.30 N 114.70 W					37.20 N 116.23 W				
Magnitude (MB)= 4.10					Magnitude (MB)= 5.30				
MN-NV	712.8	24	0.4	694.3	CU-NV	177.9	203	0.5	13400.0
1963 Sep 13					MN-NV	218.0	129	0.5	8600.0
37.06 N 116.02 W					KN-UT	303.6	275	0.6	7350.0
Magnitude (MB)= 5.80					CP-CL	494.8	1	0.5	373.0
CU-NV	185.7	196	0.6	19600.0	MV-CL	497.1	115	0.7	510.0
KN-UT	283.6	272	0.7	15400.0	BX-UT	602.7	268	1.0	3060.0
CP-CL	482.6	4	1.2	7470.0	HL-ID	736.1	194	0.6	770.0
MV-CL	520.4	116	0.8	1890.0	DR-CO	749.5	270	0.9	423.0
UBO	668.3	239	1.3	3140.0	TD-NM	898.5	277	0.9	382.0
DR-CO	731.7	269	0.5	1690.0	LC-NM	1028.6	304	1.0	86.0
HL-ID	747.3	192	0.6	901.0	RT-NM	1058.6	276	1.0	137.0
BMO	870.7	172	1.3	403.0	FR-MA	1279.9	223	1.4	87.0
TD-NM	879.6	276	0.6	1080.0	TK-WA	1316.6	167	0.6	15.0
LC-NM	1005.2	304	0.8	954.0	SK-TX	1444.5	284	0.5	58.0
RT-NM	1038.6	276	0.8	593.0	UBO	675.0	241	0.7	480.0
AZ-TX	1277.7	282	1.2	758.0	BMO	854.0	174	1.1	110.0
FR-MA	1282.1	222	1.0	326.0	WMO	1612.4	285	1.1	21.0
TK-WA	1336.6	166	1.2	76.9	1963 Oct 29				
SK-TX	1425.6	283	1.3	504.0	43.10 N 111.60 W				
GV-TX	1793.7	290	1.0	320.0	Magnitude (MB)= 4.00				
HH-ND	1926.0	233	1.0	106.0	HL-ID	223.5	85	0.5	3864.5
HE-TX	1993.8	298	1.2	150.0	WI-NV	512.6	68	0.4	1659.4
1963 Sep 30					FR-MA	528.2	231	0.7	469.8
38.00 N 111.00 W					BX-UT	641.6	343	0.6	287.8
Magnitude (ML)= 4.50					DR-CO	705.0	333	0.8	90.4
HL-ID	685.0	156	0.6	1069.5	1963 Oct 29				
CP-CL	761.7	40	0.5	3198.6	40.40 N 124.90 W				
AZ-TX	858.5	290	0.6	12759.0	Magnitude (ML)= 4.30				
FR-MA	975.2	203	0.6	3462.3	MV-CL	335.8	293	0.5	6188.2
AP-OK	1179.8	288	0.6	1503.6	MN-NV	620.5	291	0.7	622.6
HE-TX	1622.4	303	1.0	323.7	WI-NV	636.1	261	0.5	3474.5
					CU-NV	834.0	283	1.0	84.5
					HL-ID	953.0	248	0.9	263.4
					BX-UT	1375.5	283	1.0	72.7

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1963 Dec 22 44.40 N 114.60 W Magnitude (MB)= 4.40					1964 Feb 18 34.80 N 85.50 W Magnitude (MB)= 4.40				
WI-NV	411.4	36	0.5	2720.7	JE-LA	692.8	61	0.4	24290.6
EK-NV	583.8	9	0.6	1098.7	BR-PA	818.4	226	0.4	7021.4
FR-MA	668.3	254	0.8	353.6	DH-NY	1239.9	228	0.5	1905.0
MN-NV	726.1	25	0.8	205.2					
1964 Jan 16 36.00 N 89.50 W Magnitude (MB)= 4.50					1964 Feb 20 37.15 N 116.04 W Magnitude (MB)= 4.95				
BL-WV	733.9	255	0.4	3714.0	CU-NV	176.8	197	0.5	6704.0
					EK-NV	230.2	187	0.4	4014.0
					KM-CL	274.7	23	0.8	1966.0
					KN-UT	285.8	273	0.6	5923.0
					CP-CL	491.5	3	0.6	514.0
1964 Jan 16 37.14 N 116.05 W Magnitude (MB)= 5.20					TFO	536.0	307	0.7	446.0
CU-NV	177.9	197	0.6	6800.0	BX-UT	587.1	267	0.5	1429.0
EK-NV	231.3	187	0.8	7000.0	UBO	663.9	240	0.7	437.0
MN-NV	233.5	127	0.6	5800.0	DR-CO	731.7	269	0.6	415.0
KM-CL	273.6	23	0.6	2800.0	HL-ID	737.3	192	0.4	431.0
KN-UT	286.9	273	0.5	5100.0					
WI-NV	482.6	165	0.7	2300.0	PI-WY	809.5	225	0.8	254.0
CP-CL	490.4	3	0.7	740.0	BMO	861.8	172	0.8	111.0
MV-CL	513.7	114	1.0	850.0	LC-NM	1010.8	304	1.0	151.0
BX-UT	588.2	267	0.9	1400.0	RT-NM	1040.8	276	0.8	96.0
UBO	665.0	240	0.9	600.0	SK-TX	1428.9	283	1.0	84.9
					WMO	1595.7	284	1.1	5.2
DR-CO	733.9	269	0.9	380.0					
HL-ID	738.4	192	0.8	450.0	1964 Feb 21 31.40 N 114.11 W Magnitude (MB)= 4.70				
LC-NM	1010.8	303	1.2	180.0	CP-CL	259.1	125	0.5	6966.4
RT-NM	1041.9	276	1.2	210.0	KM-CL	484.8	142	0.6	3275.6
AZ-TX	1281.0	282	1.0	120.0	LC-NM	718.4	262	0.6	847.5
SK-TX	1428.9	283	1.1	88.0	BX-UT	807.3	213	0.6	2115.3
WMO	1595.7	284	1.2	56.0	DR-CO	888.5	222	0.8	235.1
1964 Jan 28 43.20 N 111.40 W Magnitude (MB)= 4.20					RT-NM	1076.4	237	0.8	324.9
PI-WY	172.4	301	0.5	6480.0	PI-WY	1291.0	198	1.0	96.0
HL-ID	235.7	102	0.4	5670.0	HL-ID	1360.0	180	1.5	16.4
FR-MA	508.2	231	0.4	3250.7					
BX-UT	648.3	345	0.6	603.2	1964 Feb 25 26.50 N 111.40 W Magnitude (MB)= 4.80				
DR-CO	707.2	334	0.6	243.2	LC-NM	802.9	216	0.8	459.4
GI-MA	717.2	234	0.6	244.7	CP-CL	840.7	146	0.5	1258.2
					DR-CO	1262.1	196	0.6	272.8
					MN-NV	1466.7	154	0.9	75.2

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)
1964 Apr 24 37.15 N 116.06 W Magnitude (MB)= 4.95					1964 Jun 26 48.20 N 115.10 W Magnitude (MB)= 4.70				
EK-NV	230.2	187	0.6	4010.0	FR-MA	697.2	291	0.5	5865.1
MN-NV	233.5	127	0.8	4594.0	GI-MA	824.0	278	0.5	8738.3
KN-UT	286.9	273	0.6	4349.0	HH-ND	1212.1	266	0.7	2288.6
JR-AZ	448.1	306	0.6	1180.0					
LG-AZ	508.2	308	0.6	538.0					
					1964 Oct 02 37.08 N 116.01 W Magnitude (MB)= 4.89				
TFO	537.1	307	0.7	392.0	EK-NV	238.0	186	0.6	2076.0
SN-AZ	538.2	313	0.7	524.0	MN-NV	241.3	128	0.6	3065.0
WO-AZ	550.4	298	0.8	1024.0	KN-UT	282.4	272	0.5	5656.0
NL-AZ	597.1	285	0.6	417.0	SG-AZ	293.6	304	0.6	3101.0
GE-AZ	626.1	308	1.0	300.0	JR-AZ	440.4	306	0.5	2156.0
UBO	665.0	240	0.7	316.0	LG-AZ	500.4	308	0.6	872.0
HL2ID	726.1	191	0.6	222.0	SN-AZ	530.4	314	0.6	348.0
DR-CO	732.8	269	0.6	250.0	HR-AZ	543.8	301	0.7	1760.0
PI-WY	810.6	225	0.8	225.0	NL-AZ	590.5	285	0.7	768.0
BMO	861.8	172	0.9	152.0	GE-AZ	618.3	308	0.6	483.0
LC-NM	1013.0	303	1.1	123.0	UBO	666.1	239	0.8	350.0
RT-NM	1041.9	276	1.1	135.0	DR-CO	730.6	269	0.6	325.0
					HL2ID	732.8	191	0.6	268.0
1964 Apr 28 31.20 N 93.90 W Magnitude (MB)= 4.40					BMO	869.6	172	0.8	106.0
RT-NM	1144.2	122	0.8	537.4	LC-NM	1005.2	304	0.6	107.0
DR-CO	1452.3	118	0.7	129.9					
					RT-NM	1037.5	276	0.9	74.4
1964 May 23 39.37 N 106.17 W Magnitude (MB)= 4.40					FO-TX	1405.6	303	0.7	12.7
DR-CO	254.6	33	0.4	244.0	WMO	1592.4	284	1.0	39.4
UBO	310.2	108	0.3	317.0					
RT-NM	333.6	332	0.5	64.5	1964 Oct 09 37.15 N 116.08 W Magnitude (MB)= 4.78				
SG-AZ	751.7	54	0.6	14.6	EK-NV	230.2	188	0.6	3202.0
LC-NM	774.0	2	0.7	4.5	MN-NV	231.3	127	0.6	3044.0
					KN-UT	289.1	273	0.7	1801.0
SN-AZ	786.2	37	0.7	11.2	SG-AZ	303.6	304	0.8	1326.0
EK-NV	822.9	85	0.7	4.8	JR-AZ	450.4	306	0.6	1644.0
HL2ID	831.8	121	0.6	5.0					
WMO	848.5	309	0.7	41.8	LG-AZ	510.4	307	0.7	456.0
GI-MA	884.0	191	0.5	34.4	TFO	539.3	307	0.6	108.0
					SN-AZ	539.3	313	0.7	288.0
MN-NV	1044.2	80	0.8	1.4	WO-AZ	552.7	298	0.8	569.0
JU-TX	1127.6	337	0.7	7.6	HR-AZ	552.7	301	0.7	418.0
					NL-AZ	599.4	285	0.8	447.0
					GE-AZ	627.2	308	0.7	311.0

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mV/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mV/sec)
UBO	666.1	240	0.8	162.0	HR-AZ	526.0	298	0.9	282.0
HL2ID	726.1	191	0.8	193.0	WO-AZ	527.1	295	0.8	157.0
DR-CO	735.0	269	0.6	157.0	NL2AZ	578.2	283	0.9	344.0
					GE-AZ	597.1	305	0.6	100.0
BMO	861.8	172	0.8	48.1	UBO	678.3	237	0.7	69.6
LC-NM	1014.1	303	0.9	49.9	HL2ID	760.6	190	0.7	93.0
RT-NM	1044.2	276	0.9	49.8	BMO	899.6	172	0.8	35.0
TS-ND	1505.6	227	0.6	33.2	LC-NM	987.5	302	0.8	35.3
WMO	1599.1	284	1.0	10.5	RT-NM	1034.2	274	0.8	43.2
					FO-TX	1388.9	301	0.7	4.9
1964 Oct 22					WMO	1584.6	283	0.9	10.6
31.14 N 89.57 W					1965 Feb 27				
Magnitude (MB)= 4.58					28.70 N 112.00 W				
EU-AL	242.4	221	0.3	1580.0	Magnitude (MB)= 4.60				
JE-LA	243.5	106	0.4	5660.0	GE-AZ	579.4	194	0.4	4852.7
CPO	618.3	218	0.3	508.0	LG-AZ	633.8	183	0.4	4677.7
GV-TX	727.2	103	0.4	276.0	LC-NM	660.5	231	0.6	2363.1
BL-WV	1057.5	228	0.4	73.1	HR-AZ	671.6	190	0.5	2886.6
WF-MN	1426.7	169	0.6	16.4	JR-AZ	679.4	181	0.5	2759.7
1964 Nov 04					WO-AZ	697.2	191	0.4	2945.8
39.60 N 110.30 W					RT-NM	1142.0	219	0.9	163.4
Magnitude (MB)= 4.00					1965 Mar 03				
DR-CO	323.6	317	0.6	1722.0	37.06 N 116.04 W				
HR-AZ	549.3	4	0.5	1189.4	Magnitude (MB)= 5.33				
LG-AZ	587.1	11	0.5	1136.2	MN-NV	240.2	128	0.5	11900.0
GE-AZ	647.2	1	0.5	639.7	KN-UT	285.8	271	0.6	7560.0
1964 Nov 25					SG-AZ	294.7	303	0.5	6250.0
37.40 N 81.50 W					LG-AZ	501.5	307	0.8	1690.0
Magnitude (MB)= 4.50					TFO	530.4	306	0.9	973.0
BL-WV	47.8	193	0.5	42495.3	HR-AZ	544.9	307	0.7	913.0
BR-PA	363.6	220	0.5	6699.0	UBO	668.3	239	0.8	485.0
HD-PA	522.6	221	0.4	17732.5	HL2ID	735.0	191	0.9	575.0
DH-NY	780.6	227	0.6	1957.6	PI2WY	840.7	223	0.6	136.0
1965 Feb 18					BMO	871.8	172	1.1	279.0
36.82 N 115.95 W					LC-NM	1006.4	303	1.0	506.0
Magnitude (MB)= 4.54					RT-NM	1040.8	275	0.8	169.0
MN-NV	264.7	132	0.7	931.0	FO-TX	1407.8	302	1.0	31.8
KN-UT	279.1	266	1.0	1809.0	WMO	1594.6	284	1.2	73.5
LG-AZ	480.4	305	0.9	313.0	1965 Mar 26				
SN-AZ	507.1	311	0.9	146.0	37.15 N 116.01 W				
TFO	509.3	304	0.7	95.0	Magnitude (MB)= 5.25				
					MN-NV	233.5	127	0.7	7783.0
					KN-UT	285.8	274	0.8	9345.0

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
SG-AZ	300.2	305	0.6	5230.0	1965 Jul 15				
JR-AZ	447.0	306	0.7	2873.0	37.20 N 74.35 W				
LG-AZ	508.2	308	0.7	1506.0	Magnitude (MB)= 4.63				
TFO	536.0	308	0.7	710.0	SU-VA	392.5	97	0.7	8689.0
SN-AZ	537.1	314	0.7	475.0	DH-NY	562.7	175	0.8	637.0
WO-AZ	550.4	299	0.6	2381.0	BL-WV	619.4	94	0.7	403.0
HR-AZ	550.4	302	0.7	2066.0	CG-VA	796.2	82	0.5	227.0
NL2AZ	593.8	286	1.0	2738.0					
GE-AZ	624.9	308	0.8	1098.0	1965 Jul 23				
UBO	663.9	240	0.7	658.0	37.10 N 116.03 W				
HL2ID	726.1	191	0.6	517.0	Magnitude (MB)= 5.22				
BMO	861.8	172	0.8	160.0	MN-NV	238.0	127	0.8	7242.0
LC-NM	1010.8	304	1.2	319.0	KN-UT	285.8	272	0.6	10000.0
HY-MA	1232.1	220	0.8	45.0	TFO	532.6	307	0.8	1131.0
FO-TX	1412.2	303	1.2	71.3	SN-AZ	532.6	313	0.8	3691.0
WMO	1595.7	285	1.2	88.0	GE-AZ	620.5	308	1.0	1956.0
1965 Apr 14					UBO	666.1	239	0.7	827.0
37.28 N 116.52 W					HL2ID	730.6	191	0.6	858.0
Magnitude (MB)= 4.32					BMO	867.4	172	1.1	352.0
MN-NV	192.4	131	0.4	1133.0	LC-NM	1007.5	303	0.8	319.0
KN-UT	329.2	276	0.5	934.0	HY-MA	1235.4	220	0.6	73.2
SG-AZ	344.7	302	0.5	458.0	WMO	1594.6	284	1.0	23.8
JR-AZ	491.5	305	0.5	206.0	AP-OK	1604.6	284	1.2	129.0
LG-AZ	551.6	306	0.8	189.0					
SN-AZ	579.4	312	0.6	76.6	1965 Sep 10				
TFO	579.4	306	0.6	49.6	37.08 N 116.02 W				
NL2AZ	638.3	286	0.6	119.0	Magnitude (MB)= 5.16				
GE-AZ	668.3	307	0.6	85.8	MN-NV	241.3	128	0.8	4549.0
UBO	691.7	243	0.6	64.3	KN-UT	283.6	272	0.5	8987.0
HL2ID	720.6	195	0.6	44.8	LG-AZ	501.5	307	0.6	1220.0
BMO	842.9	175	0.7	19.5	TFO	529.3	307	0.7	444.0
PI2WY	850.7	226	0.8	8.7	SN-AZ	530.4	313	0.6	818.0
LC-NM	1056.4	303	0.8	5.8	UBO	666.1	239	0.6	725.0
1965 Jun 16					BMO	869.6	172	1.0	139.0
36.82 N 115.96 W					WMO	1592.4	284	1.1	62.5
Magnitude (MB)= 4.48					AP-OK	1603.5	284	1.2	60.8
MN-NV	263.5	132	0.7	1200.0					
LG-AZ	480.4	305	0.8	452.0	1965 Sep 16				
SN-AZ	507.1	311	0.7	302.0	37.19 N 74.44 W				
GE-AZ	598.3	305	0.8	223.0	Magnitude (MB)= 4.73				
UBO	679.4	237	0.8	175.0	FN-WV	470.4	107	0.8	471.0
HL2ID	760.6	190	0.9	115.0	DH-NY	562.7	176	0.8	423.0
BMO	899.6	172	0.7	34.1	CPO	1013.0	76	0.7	86.3
LC-NM	987.5	302	0.8	50.9	HN-ME	1132.0	210	0.7	27.2
WMO	1585.7	283	0.5	4.3					

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1965 Dec 03 37.17 N 116.05 W Magnitude (MB)= 5.62					1966 Mar 05 37.17 N 116.21 W Magnitude (MB)= 4.11				
MN-NV	232.4	127	0.4	25100.0	MN-NV	221.3	128	0.4	614.0
KN-UT	286.9	274	0.5	23900.0	EY2NV	262.4	197	0.4	402.0
UBO	663.9	240	0.8	1420.0	KM-CL	271.3	20	0.5	51.0
BMO	860.7	172	0.8	426.0	KN-UT	301.4	274	0.5	171.0
SW-MA	1353.3	196	1.0	94.8	FM-UT	418.1	238	0.4	42.4
WMO	1596.8	285	1.1	132.0	CP-CL	493.7	1	0.4	21.6
CR-NB	1706.9	263	1.2	182.0	FS-AZ	499.3	299	0.5	27.2
GV-TX	1799.2	291	1.4	235.0	MV-CL	499.3	115	0.5	28.8
KC-MO	1882.6	269	1.0	101.0	TFO	550.4	307	0.8	8.0
					UBO	675.0	240	0.6	19.8
1965 Dec 16 37.07 N 116.03 W Magnitude (MB)= 5.14					1966 Apr 03 39.36 N 106.46 W Magnitude (MB)= 4.51				
MN-NV	240.2	128	0.6	7000.0	KN-UT	614.9	63	0.8	67.1
KN-UT	284.7	272	0.7	5843.0	WN-SD	679.4	232	0.4	273.0
UBO	667.2	239	0.8	626.0	RG-SD	693.9	201	0.6	75.6
BMO	870.7	172	1.1	187.0	TFO	708.3	35	0.4	30.3
HV-MA	1358.9	204	1.2	64.1	LAO	814.0	181	0.8	15.1
SW-MA	1362.2	195	1.0	50.7	CR-NB	832.9	263	0.6	467.0
WN-SD	1510.1	248	0.9	77.0	WMO	869.6	308	0.7	49.1
WMO	1593.5	284	1.1	135.0	KC-MO	1016.4	273	0.5	40.5
AP-OK	1604.6	284	1.0	67.5	MN-NV	1018.6	80	0.5	4.4
CR-NB	1708.0	262	0.8	51.3	CPO	1890.4	289	0.6	5.1
KC-MO	1883.7	269	1.0	35.5					
EN-MO	2258.5	278	0.9	11.8	1966 Apr 06 37.14 N 116.14 W Magnitude (MB)= 4.45				
1966 Feb 23 37.13 N 116.05 W Magnitude (MB)= 3.90					MN-NV	228.0	128	0.8	1790.0
N2-NV	55.6	0	0.6	1000.0	KN-UT	294.7	274	0.6	1060.0
DV-CL	143.4	1	0.6	2300.0	TFO	542.7	307	0.7	116.0
SV-AZ	705.0	298	0.7	76.0	BMO	861.8	173	1.2	45.6
					WMO	1604.6	284	1.0	5.9
1966 Feb 24 37.27 N 116.43 W Magnitude (MB)= 4.80					1966 Apr 14 37.24 N 116.43 W Magnitude (MB)= 5.21				
MN-NV	199.0	130	0.3	16000.0	TFO	570.5	306	0.6	472.0
UBO	686.1	243	0.6	318.0	UBO	687.2	242	0.7	618.0
BMO	845.1	175	0.8	90.1	SW-MA	1352.2	197	1.0	51.7
SW-MA	1350.0	197	0.8	26.7	WMO	1631.3	285	1.2	52.0
WMO	1631.3	285	1.2	37.0	CR-NB	1735.8	263	1.0	51.8

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1966 Apr 25 36.89 N 115.94 W Magnitude (MB)= 4.51					1966 Jun 03 37.07 N 116.04 W Magnitude (MB)= 5.56				
KN-UT	278.0	267	0.6	1872.0	MN-NV	240.2	128	0.8	17400.0
TFO	512.6	305	0.8	192.0	KN-UT	285.8	272	0.6	14500.0
UBO	672.8	237	0.8	248.0	TFO	530.4	306	1.2	2409.0
WMO	1584.6	283	0.8	9.6	UBO	668.3	239	1.1	1851.0
1966 May 06 37.35 N 116.32 W Magnitude (MB)= 5.30					LAO	1342.2	220	1.1	118.0
MN-NV	201.3	126	0.4	35200.0	SW-MA	1363.3	195	1.2	138.0
KN-UT	312.5	277	0.5	9135.0	RG-SD	1383.3	233	0.9	110.0
TFO	569.3	308	0.5	508.0	WN-SD	1511.2	248	1.1	266.0
UBO	672.8	242	0.9	1489.0	WMO	1594.6	284	1.1	221.0
SW-MA	1338.8	196	0.9	52.9	CR-NB	1709.1	262	0.7	104.0
RG-SD	1380.0	235	0.7	92.4	KC-MO	1883.7	269	1.3	123.0
WMO	1622.4	285	1.2	84.5	1966 Jun 30 37.32 N 116.13 W Magnitude (MB)= 6.03				
CR-NB	1722.5	263	0.8	71.4	MN-NV	204.6	126	0.5	185700.0
KC-MO	1901.5	270	0.7	35.6	KN-UT	310.2	277	0.6	27900.0
1966 May 19 37.11 N 116.06 W Magnitude (MB)= 5.48					TFO	564.9	307	0.7	2997.0
MN-NV	235.7	128	0.5	14400.0	UBO	672.8	242	0.9	5161.0
TFO	534.9	307	1.3	2207.0	BMO	840.7	173	1.0	2286.0
UBO	667.2	239	0.7	1681.0	LAO	1333.3	222	1.2	877.0
LAO	1338.8	220	1.4	240.0	SW-MA	1342.2	196	1.0	437.0
WN-SD	1510.1	248	1.0	291.0	RG-SD	1381.1	235	1.0	456.0
CR-NB	1709.1	262	0.7	85.0	WN-SD	1516.8	249	1.0	833.0
KC-MO	1884.8	269	0.9	101.0	CR-NB	1721.4	263	1.0	591.0
1966 Jun 02 37.23 N 116.06 W Magnitude (MB)= 5.55					KC-MO	1900.4	270	1.2	403.0
MN-NV	228.0	125	0.4	21500.0	CPO	2750.0	283	1.3	84.1
TFO	542.7	308	0.8	1765.0	1966 Jul 23 47.50 N 88.90 W Magnitude (MB)= 4.20				
LAO	1328.8	221	1.0	95.8	RG-SD	1153.1	78	0.6	1653.1
SW-MA	1346.6	195	0.7	53.4	SW-MA	1715.8	96	1.0	101.4
RG-SD	1372.2	234	1.0	217.0	1966 Dec 20 37.30 N 116.41 W Magnitude (MB)= 6.26				
WN-SD	1503.4	248	0.7	115.5	MN-NV	197.9	128	0.6	170800.0
CR-NB	1704.7	263	0.8	130.0	KN-UT	319.1	276	0.6	76200.0
KC-MO	1881.5	269	0.7	64.2	TFO	572.7	307	0.7	5214.0
AX2AL	2764.4	288	0.6	8.0	MO-ID	640.5	181	1.0	29300.0
					UBO	681.7	242	0.8	7808.0
					WMO	1629.1	285	1.3	2297.0

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (μ /sec)
1967 Jan 19 37.14 N 116.14 W Magnitude (MB)= 5.25					FK-CO	1070.9	259	0.7	894.0
MN-NV	228.0	128	0.5	8484.0	SA4TX	1496.8	297	0.7	157.0
KN-UT	294.7	273	0.6	6329.0	WMO	1625.7	285	0.9	168.0
TFO	542.7	307	0.8	492.0	ST2TX	1716.9	299	0.8	89.8
UBO	671.6	240	0.9	1113.0	GR2TX	1720.3	299	1.1	77.2
FK-CO	1055.3	258	0.8	149.0	GR1TX	1722.5	299	0.7	46.8
WMO	1603.5	284	1.0	52.4	ST1TX	1726.9	299	0.7	53.5
1967 Jan 20 37.10 N 116.00 W Magnitude (MB)= 5.09					1967 May 26 37.25 N 116.48 W Magnitude (MB)= 5.52				
MN-NV	240.2	127	0.6	4403.0	KN-UT	325.8	275	0.6	15900.0
KN-UT	282.4	272	0.6	9236.0	TFO	574.9	306	0.5	948.0
TFO	530.4	307	0.7	680.0	UBO	690.6	242	0.6	1066.0
MO-ID	663.9	178	0.9	1094.0	FK-CO	1080.9	259	1.0	689.0
FK-CO	1045.3	258	0.9	161.0	LAO	1347.7	222	0.8	68.5
WMO	1592.4	284	1.0	62.0	WMO	1635.8	285	1.2	108.0
1967 May 20 37.13 N 116.06 W Magnitude (MB)= 5.68					1967 Nov 21 37.47 N 118.58 W Magnitude (MB)= 4.20				
MN-NV	233.5	127	0.5	23200.0	TL-WY	1106.4	233	0.6	6153.5
KN-UT	288.0	273	0.6	18800.0	BS-MA	1222.1	222	0.9	617.8
TFO	537.1	307	0.8	1966.0	1968 Apr 23 37.34 N 116.38 W Magnitude (MB)= 4.45				
MO-ID	660.5	178	0.4	5131.0	MN-NV	197.9	127	0.5	2196.0
UBO	667.2	240	0.8	1610.0	BP-CL	205.7	90	0.6	1055.0
FK-CO	1049.7	258	1.2	1111.0	AT-NV	245.8	165	0.5	652.0
LAO	1337.7	221	0.9	129.0	WW-UT	278.0	242	0.5	1425.0
SA4TX	1465.6	297	1.1	354.0	KG-AZ	290.2	311	0.4	518.0
WMO	1597.9	284	0.9	216.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
ST2TX	1685.8	299	0.8	62.6	MN-NV	202.4	128	0.5	130500.0
GR2TX	1689.1	299	1.2	104.0	KN-UT	315.8	276	0.6	32500.0
GR1TX	1692.5	299	1.2	152.0	TFO	568.2	307	0.6	4159.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					MO-ID	643.8	180	0.8	8926.0
MN-NV	202.4	128	0.5	130500.0	UBO	680.5	242	0.6	2217.0
KN-UT	315.8	276	0.6	32500.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
TFO	568.2	307	0.6	4159.0	BF-CL	291.3	49	0.6	294.0
MO-ID	643.8	180	0.8	8926.0	ND-CL	312.5	346	0.5	265.0
UBO	680.5	242	0.6	2217.0	KN-UT	316.9	277	0.5	779.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					CP-CL	511.5	359	0.6	59.0
MN-NV	202.4	128	0.5	130500.0	TFO	572.7	307	0.7	44.3
KN-UT	315.8	276	0.6	32500.0	UBO	677.2	242	0.7	77.9
TFO	568.2	307	0.6	4159.0	LC-NM	1047.5	304	0.7	6.1
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0
TFO	568.2	307	0.6	4159.0	UBO	680.5	242	0.6	2217.0
MO-ID	643.8	180	0.8	8926.0	1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56				
UBO	680.5	242	0.6	2217.0	MN-NV	202.4	128	0.5	130500.0
1967 May 23 37.28 N 116.37 W Magnitude (MB)= 5.56					KN-UT	315.8	276	0.6	32500.0
MN-NV	202.4	128	0.5	130500.0	TFO	568.2	307	0.6	4159.0
KN-UT	315.8	276	0.6	32500.0	MO-ID	643.8	180	0.8	8926.0

Table 1—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp/T (mμ/sec)
1968 Dec 19 37.23 N 116.47 W Magnitude (MB)= 6.40									
MN-NV	199.0	131	1.2	385000.0					
TFO	572.7	306	0.8	8008.0					
UBO	690.6	242	1.0	7870.0					
LC-NM	1049.7	303	1.4	6435.0					
1968 Apr 23 32.10 N 116.78 W Magnitude (MB)= 4.70									
MN-NV	713.9	169	0.5	6728.5					
1968 Apr 26 37.30 N 116.46 W Magnitude (MB)= 6.42									
MN-NV	195.7	129	0.8	201400.0					
AT-NV	249.1	167	0.4	123200.0					
EY-NV	254.6	203	0.7	100300.0					
BF-CL	282.4	49	0.7	6823.0					
KG-AZ	293.6	309	0.7	103700.0					
ND-CL	310.2	345	0.8	38800.0					
KN-UT	323.6	276	0.6	113800.0					
CP-CL	507.1	359	1.1	14800.0					
TFO	576.0	306	0.9	7099.0					
UBO	686.1	242	0.7	10900.0					
LC-NM	1052.0	303	1.2	5874.0					
CC-WA	1224.3	160	1.0	957.0					
WMO	1633.5	285	1.3	2054.0					

Table 2.— Geographic coordinates of the LRSM network stations used to tabulate the *Pg*-wave vertical component 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 2

ID	Latitude (N)	Longitude (W)	ID	Latitude (N)	Longitude (W)
AK-OK	34 22 6 (34.37)	96 3 26 (96.06)	EK-NV	39 12 32 (39.21)	115 42 37 (115.71)
AP-OK	34 49 59 (34.83)	98 26 9 (98.44)	EL-WA	46 55 27 (46.92)	120 43 48 (120.73)
AT-NV	39 28 53 (39.48)	117 4 26 (117.07)	EN-MO	36 52 58 (36.88)	90 35 44 (90.60)
AX2AL	32 46 38 (32.78)	86 7 48 (86.13)	EP-TX	31 55 58 (31.93)	105 58 0 (105.97)
AZ-TX	35 25 48 (35.43)	101 55 50 (101.93)	EU-AL	32 46 45 (32.78)	87 52 26 (87.87)
BF-CL	35 38 53 (35.65)	118 51 27 (118.86)	EY-NV	39 24 36 (39.41)	115 18 46 (115.31)
BL-WV	37 47 56 (37.80)	81 18 36 (81.31)	EY2NV	39 25 53 (39.43)	115 19 4 (115.32)
BM-TX	30 55 35 (30.93)	103 51 18 (103.86)	FK-CO	39 35 12 (39.59)	104 27 42 (104.46)
BMO	44 50 56 (44.85)	117 18 20 (117.31)	FM-UT	39 13 6 (39.22)	112 12 25 (112.21)
BP-CL	37 21 36 (37.36)	118 41 25 (118.69)	FN-WV	38 32 58 (38.55)	79 30 47 (79.51)
BR-PA	39 55 27 (39.92)	78 50 41 (78.84)	FO-TX	30 5 0 (30.08)	102 41 52 (102.70)
BS-MA	45 43 56 (45.73)	108 53 32 (108.89)	FR-MA	46 6 0 (46.10)	106 26 25 (106.44)
BX-UT	37 33 48 (37.56)	109 26 5 (109.43)	FS-AZ	35 4 9 (35.07)	111 18 34 (111.31)
CC-WA	47 46 9 (47.77)	121 5 1 (121.08)	GE-AZ	33 46 32 (33.78)	110 31 41 (110.53)
CG-VA	36 37 35 (36.63)	83 15 36 (83.26)	GF-NV	37 55 3 (37.92)	117 12 6 (117.20)
CP-CL	32 43 44 (32.73)	116 22 16 (116.37)	GI-MA	47 11 34 (47.19)	104 13 10 (104.22)
CPO	35 35 41 (35.60)	85 34 13 (85.57)	GN-NM	32 15 45 (32.26)	103 51 25 (103.86)
CR-NB	40 39 52 (40.66)	96 51 15 (96.85)	GR1TX	30 46 40 (30.78)	99 23 3 (99.38)
CT-OK	34 29 17 (34.49)	95 7 38 (95.13)	GR2TX	30 47 11 (30.79)	99 24 58 (99.42)
CU-NV	38 40 38 (38.68)	115 27 18 (115.46)	GV-TX	32 53 9 (32.89)	96 59 54 (97.00)
CY-WY	41 25 0 (41.42)	104 51 36 (104.86)	HB-OK	35 10 35 (35.18)	98 54 37 (98.91)
DH-NY	42 14 39 (42.24)	74 53 1 (74.88)	HD-PA	40 59 44 (41.00)	77 35 44 (77.60)
DR-CO	37 27 53 (37.46)	107 47 0 (107.78)	HE-TX	30 11 59 (30.20)	96 5 31 (96.09)
DV-CL	35 50 0 (35.83)	116 6 6 (116.10)	HH-ND	48 56 53 (48.95)	98 41 33 (98.69)
EF-TX	31 10 35 (31.18)	105 7 48 (105.13)	HK-WY	41 41 45 (41.70)	104 21 25 (104.36)

Table 2—continued

ID	Latitude (N)	Longitude (W)	ID	Latitude (N)	Longitude (W)
HL-ID	43 38 50 (43.65)	114 15 2 (114.25)	MP-AR	34 36 6 (34.60)	93 8 45 (93.15)
HL2ID	43 33 40 (43.56)	114 25 8 (114.42)	MV-CL	39 12 47 (39.21)	121 17 35 (121.29)
HN-ME	46 9 43 (46.16)	67 59 9 (67.99)	N2-NV	37 15 12 (37.25)	116 17 9 (116.29)
HR-AZ	34 40 11 (34.67)	110 45 59 (110.77)	ND-CL	34 35 57 (34.60)	115 33 5 (115.55)
HS-NB	42 25 32 (42.43)	102 42 52 (102.71)	NL-AZ	35 54 5 (35.90)	109 34 10 (109.57)
HV-MA	48 25 20 (48.42)	109 49 20 (109.82)	NL2AZ	35 48 25 (35.81)	109 37 43 (109.63)
HY-MA	45 58 22 (45.97)	107 4 54 (107.08)	PI-WY	42 27 10 (42.45)	109 32 55 (109.55)
JE-LA	31 47 5 (31.78)	92 0 55 (92.02)	PI2WY	42 46 2 (42.77)	109 33 43 (109.56)
JR-AZ	34 49 32 (34.83)	111 59 25 (111.99)	PK-OR	45 19 3 (45.32)	118 54 33 (118.91)
JU-TX	30 6 43 (30.11)	101 4 38 (101.08)	PM-WY	41 12 27 (41.21)	105 21 39 (105.36)
KC-MO	39 21 21 (39.36)	94 40 17 (94.67)	PT-OR	45 36 40 (45.61)	118 53 2 (118.88)
KG-AZ	35 38 30 (35.64)	113 54 28 (113.91)	RG-SD	45 12 59 (45.22)	103 32 5 (103.53)
KM-CL	34 52 52 (34.88)	117 15 24 (117.26)	RT-NM	36 43 46 (36.73)	104 21 37 (104.36)
KN-UT	37 1 22 (37.02)	112 49 39 (112.83)	SA4TX	31 49 29 (31.82)	101 25 35 (101.43)
LAO	46 41 19 (46.69)	106 13 20 (106.22)	SE-MN	44 24 51 (44.41)	94 39 55 (94.67)
LC-NM	32 24 8 (32.40)	106 35 58 (106.60)	SF-AZ	34 26 19 (34.44)	110 30 52 (110.51)
LG-AZ	34 24 28 (34.41)	111 32 45 (111.55)	SG-AZ	35 38 27 (35.64)	113 15 39 (113.26)
LM-NV	36 34 57 (36.58)	114 32 7 (114.54)	SJ-TX	27 36 43 (27.61)	98 18 46 (98.31)
LO-NV	39 56 7 (39.94)	118 50 22 (118.84)	SK-TX	35 4 58 (35.08)	100 21 50 (100.36)
LP-TX	29 10 47 (29.18)	99 40 35 (99.68)	SM-TX	33 40 56 (33.68)	99 11 23 (99.19)
LS-NH	44 14 18 (44.24)	71 55 21 (71.92)	SN-AZ	33 51 49 (33.86)	111 41 34 (111.69)
ML-NM	33 24 53 (33.41)	108 50 11 (108.84)	SR-OR	44 56 25 (44.94)	117 25 40 (117.43)
MM-TN	35 33 52 (35.56)	85 35 20 (85.59)	SS-TX	30 1 17 (30.02)	102 19 41 (102.33)
MN-NV	38 26 10 (38.44)	118 8 53 (118.15)	ST-NV	39 26 17 (39.44)	118 34 48 (118.58)
MO-ID	43 4 19 (43.07)	116 15 56 (116.27)	ST1TX	30 45 8 (30.75)	99 21 20 (99.36)

Table 2—continued

ID	Latitude (N)	Longitude (W)	ID	Latitude (N)	Longitude (W)
ST2TX	30 47 32 (30.79)	99 26 52 (99.45)	WN-SD	43 15 8 (43.25)	100 11 46 (100.20)
SU-VA	37 45 35 (37.76)	78 43 36 (78.73)	WO-AZ	34 52 53 (34.88)	110 37 15 (110.62)
SV-AZ	34 10 32 (34.18)	109 8 49 (109.15)	WW-UT	38 30 50 (38.51)	113 35 20 (113.59)
SW-MA	48 58 8 (48.97)	111 57 46 (111.96)			
SZ-NV	39 12 13 (39.20)	118 22 48 (118.38)			
TC-NM	33 11 3 (33.18)	107 27 42 (107.46)			
TD-NM	36 39 20 (36.66)	106 10 18 (106.17)			
TF-CL	35 9 49 (35.16)	119 58 3 (119.97)			
TFO	34 16 4 (34.27)	111 16 13 (111.27)			
TK-WA	48 47 38 (48.79)	119 35 16 (119.59)			
TL-WY	43 23 30 (43.39)	108 5 17 (108.09)			
TN-CL	34 11 54 (34.20)	115 57 0 (115.95)			
TO-OK	34 21 23 (34.36)	96 34 5 (96.57)			
TP-NV	37 12 1 (37.20)	116 13 34 (116.23)			
TS-ND	47 6 25 (47.11)	103 40 23 (103.67)			
UBO	40 19 18 (40.32)	109 34 7 (109.57)			
UK-OR	45 5 35 (45.09)	118 53 55 (118.90)			
VN-UT	40 30 31 (40.51)	109 34 45 (109.58)			
VT-OR	43 6 49 (43.11)	118 24 53 (118.41)			
WF-MN	43 48 5 (43.80)	92 22 23 (92.37)			
WI-NV	41 21 2 (41.35)	117 27 30 (117.46)			
WM-AZ	35 25 4 (35.42)	112 12 54 (112.21)			
WMO	34 43 5 (34.72)	98 35 21 (98.59)			

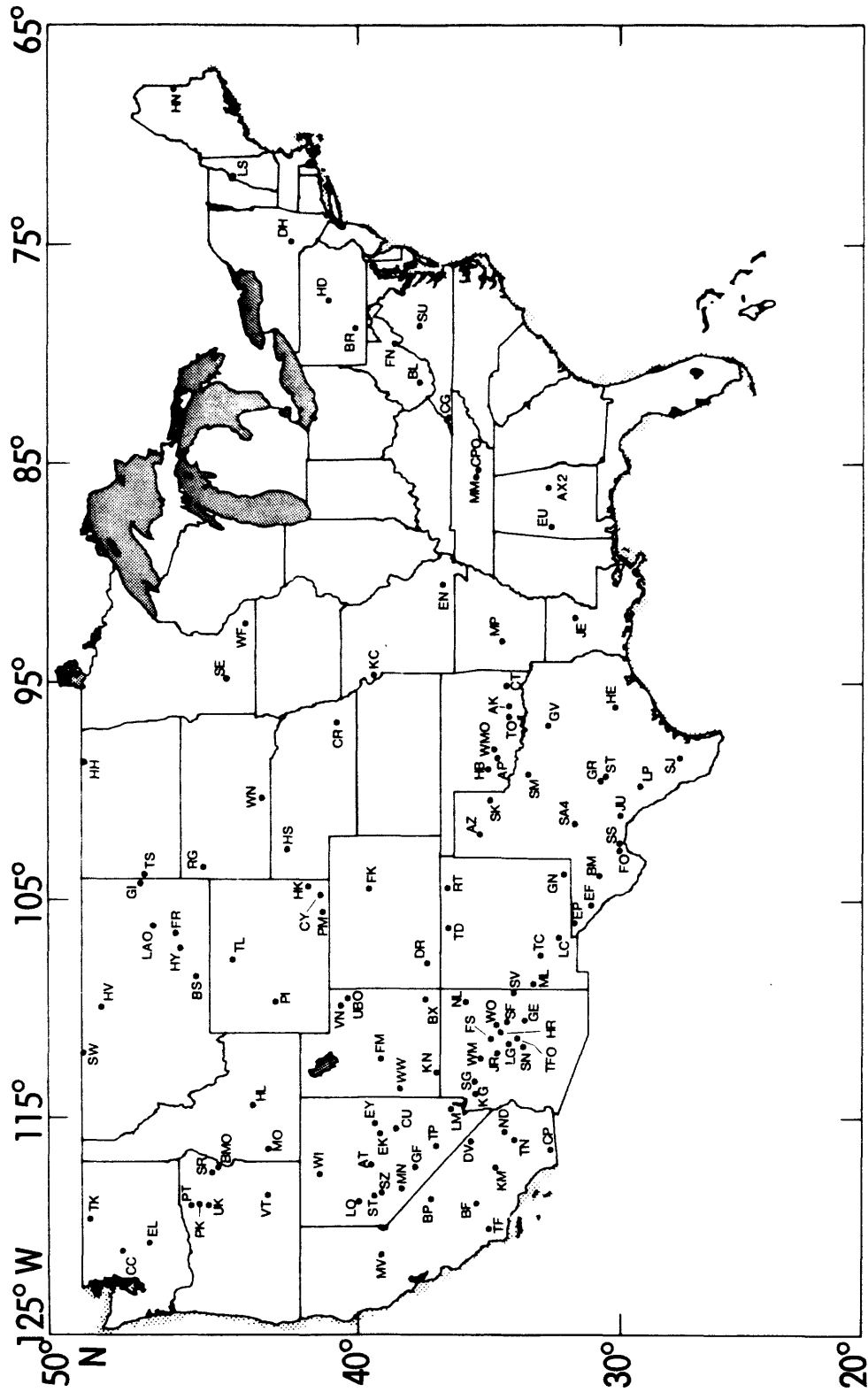


Figure 1.— Station locations used to tabulate the P_g -wave vertical component of ground motion recorded on the LRSM network.
 [Mercator Projection of the conterminous United States showing political divisions; north latitude; west longitude; and station identification as listed in table 2]

Table 3.— *Pg*-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 in figure 2); distance (kilometers); azimuth (degrees); period (seconds); and amplitude (millimicrons).]

Table 3

Sta.	Dist.	Azim.	T	Amp.	Sta.	Dist.	Azim.	T	Amp.
	(km)	(deg)	(sec)	(mμ)		(km)	(deg)	(sec)	(mμ)
1976 May 10					BCT	80	82	0.15	5
41.54 N 71.01 W					ECT	86	108	0.15	4
Magnitude (MB)LG= 2.7					FLR	110	263	0.15	7
					WES	126	226	0.15	6
LAF	41	92	0.10	23					
APT	91	75	0.15	8					
UCT	108	108	0.15	10					
HDM	126	88	0.15	10					
TMT	152	102	0.15	7					
BPT	190	80	0.15	6					
BCT	198	89	0.15	8					
ECT	203	100	0.15	7					
1976 Jun 12					1977 Mar 07				
44.24 N 71.61 W					41.60 N 72.42 W				
Magnitude (MB)LG= 2.4					Magnitude (MB)LG= 1.8				
UCT	273	12	0.15	9	HDM	15	32	0.15	17
TMT	287	23	0.15	8	UCT	29	210	0.15	6
ECT	305	33	0.15	5	TMT	39	128	0.15	4
HDM	315	17	0.15	4	APT	44	316	0.15	4
APT	327	9	0.15	4	BPT	80	59	0.15	3
BCT	338	29	0.15	4	BCT	81	82	0.15	4
BPT	361	23	0.15	3	ECT	86	108	0.15	3
					WES	126	226	0.15	4
1976 Dec 17					1977 Apr 24				
41.47 N 72.07 W					41.46 N 72.49 W				
Magnitude (MB)LG= 2.2					Magnitude (MB)LG= 2.2				
APT	17	358	0.15	7	HDM	4	136	0.10	26
HDM	38	93	0.15	6	APT	39	294	0.15	6
UCT	43	160	0.15	5	UCT	46	206	0.15	5
LAF	48	259	0.15	7	TMT	47	147	0.15	4
TMT	72	122	0.15	3	BPT	69	68	0.15	3
BPT	102	75	0.15	5	LAF	83	263	0.15	7
BCT	110	92	0.15	5	ECT	88	119	0.15	5
ECT	119	110	0.15	4					
WES	119	211	0.15	6					
1977 Feb 07					1977 Oct 02				
41.60 N 72.43 W					45.16 N 69.06 W				
Magnitude (MB)LG= 2.1					Magnitude (MB)LG= 2.6				
HDM	15	32	0.15	21	MIM	9	192	0.15	63
UCT	30	210	0.15	8	EMM	133	290	0.15	17
TMT	38	128	0.15	5	CBM	210	200	0.15	5
APT	44	316	0.15	6	WES	359	31	0.15	5
BPT	80	59	0.15	10	QUA	402	43	0.15	2
					ECT	510	45	0.15	2
					BCT	538	42	0.15	2

Table 3—continued

Sta.	Dist.	Azim.	T	Amp.	Sta.	Dist.	Azim.	T	Amp.
(km)	(deg)	(sec)	(mμ)		(km)	(deg)	(sec)	(mμ)	
1977 Dec 20					ECT	384	44	0.15	1
41.79 N 70.68 W					BCT	412	40	0.15	2
Magnitude (MB)LG= 3.1					1978 Jun 30				
FLR	38	78	0.15	14	45.92 N 71.25 W				
WES	85	141	0.15	50	Magnitude (MB)LG= 3.2				
NSC	104	71	0.15	59	JKM	82	250	0.15	52
UCT	131	93	0.15	120	BNH	150	1	0.15	35
ECT	228	92	0.15	15	MIM	187	253	0.15	28
BCT	228	83	0.15	23	HKM	189	235	0.15	35
MIM	406	198	0.15	5	TRM	201	336	0.15	39
EMM	418	217	0.15	8	BPM	240	244	0.15	23
1978 Jan 04					1978 Jul 27				
44.04 N 70.51 W					42.13 N 72.69 W				
Magnitude (MB)LG= 3.2					Magnitude (MB)LG= 1.8				
TRM	32	220	0.10	97	QUA	45	216	0.10	6
MIM	177	221	0.15	44	UCT	49	312	0.10	4
WES	196	20	0.15	51	LNK	54	116	0.10	3
EMM	253	251	0.15	24	ECT	68	62	0.10	2
UCT	284	31	0.15	19	HDM	73	349	0.15	4
NSC	305	22	0.15	14	BCT	91	40	0.15	5
ECT	341	45	0.15	12	NSC	100	316	0.15	10
BCT	368	41	0.15	19	FLR	138	289	0.15	6
1978 Apr 26					1978 Jul 28				
41.35 N 71.61 W					41.34 N 72.80 W				
Magnitude (MB)LG= 1.7					Magnitude (MB)LG= 1.8				
NSC	25	127	0.10	27	HDM	28	235	0.10	9
FLR	58	225	0.20	4	BCT	52	109	0.10	8
UCT	76	136	0.10	2	UCT	71	220	0.15	5
WES	117	192	0.25	6	ECT	75	137	0.15	5
BCT	149	97	0.10	2	NSC	80	259	0.15	7
ECT	159	111	0.15	2	LNK	117	160	0.15	5
1978 May 16					QUA	128	196	0.15	4
44.39 N 70.23 W					FLR	146	253	0.15	7
Magnitude (MB)LG= 2.5					1978 Jul 28				
TRM	14	9	0.10	96	42.13 N 72.69 W				
MIM	134	224	0.15	11	Magnitude (MB)LG= 1.8				
EMM	221	259	0.15	6	QUA	45	216	0.10	6
WES	240	22	0.20	8	UCT	49	312	0.15	5
CBM	327	209	0.15	3	LNK	54	116	0.15	5
UCT	328	31	0.20	3	ECT	68	342	0.15	3
NSC	349	23	0.15	5	HDM	73	349	0.15	5
HDM	373	31	0.15	5					

Table 3—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (μ)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (μ)
BCT	91	40	0.15	5	LNK	117	160	0.15	5
NSC	100	316	0.15	10	QUA	128	196	0.15	5
					FLR	146	253	0.15	5
1978 Jul 31 41.71 N 72.71 W Magnitude (MB)LG= 1.9					1978 Aug 02 41.56 N 73.20 W Magnitude (MB)LG= 1.8				
HDM	30	328	0.10	9	BCT	17	65	0.15	12
UCT	40	251	0.10	7	ECT	36	151	0.15	7
ECT	60	103	0.15	5	HDM	57	278	0.15	7
BCT	61	67	0.15	5	UCT	85	249	0.15	5
NSC	76	290	0.15	21	LNK	87	176	0.15	5
LNK	84	146	0.15	5	QUA	121	214	0.15	4
QUA	87	198	0.15	6	FLR	174	263	0.15	4
FLR	132	269	0.15	6	WES	181	239	0.20	5
1978 Jul 31 41.46 N 72.73 W Magnitude (MB)LG= 1.9					1978 Aug 03 42.50 N 73.84 W Magnitude (MB)LG= 1.9				
HDM	18	259	0.10	47	LNK	50	291	0.15	7
BCT	55	94	0.15	13	ECT	82	334	0.15	4
UCT	58	224	0.15	6	BCT	118	341	0.15	7
ECT	71	127	0.15	4	QUA	121	272	0.15	5
NSC	73	268	0.15	10	UCT	151	299	0.15	8
LNK	108	156	0.15	5	HDM	157	316	0.15	7
QUA	115	195	0.15	5	WES	208	273	0.15	5
FLR	137	257	0.15	6	FLR	241	61	0.15	5
1978 Jul 31 41.56 N 73.20 W Magnitude (MB)LG= 1.8					1978 Aug 03 42.54 N 71.69 W Magnitude (MB)LG= 2.0				
BCT	17	65	0.10	14	WES	35	300	0.15	46
ECT	36	151	0.15	7	QUA	57	81	0.15	11
HDM	57	278	0.15	7	UCT	91	31	0.15	9
UCT	85	249	0.15	6	FLR	103	333	0.15	10
LNK	87	176	0.15	4	LNK	132	81	0.15	8
NSC	113	274	0.15	7	HDM	136	31	0.15	8
QUA	121	214	0.15	5	ECT	162	62	0.15	7
FLR	174	263	0.15	6	BCT	182	51	0.15	6
1978 Aug 01 41.34 N 72.80 W Magnitude (MB)LG= 1.9					1978 Aug 03 42.52 N 71.68 W Magnitude (MB)LG= 2.2				
HDM	28	235	0.10	10	WES	33	250	0.15	45
BCT	52	109	0.15	6	QUA	57	76	0.15	10
UCT	71	220	0.15	5	UCT	90	33	0.15	9
ECT	75	137	0.15	4	FLR	101	333	0.15	9
NSC	80	259	0.15	7					

Table 3—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
LNX	132	81	0.15	8	1978 Aug 09				
HDM	134	34	0.15	8	41.34 N 72.80 W				
ECT	162	65	0.15	7	Magnitude (MB)LG= 1.9				
BCT	181	53	0.15	5	HDM	28	235	0.15	12
1978 Aug 03					BCT	52	109	0.15	9
42.56 N 72.59 W					UCT	71	220	0.15	5
Magnitude (MB)LG= 1.9					ECT	75	137	0.15	4
QUA	21	305	0.15	6	LNX	117	160	0.15	5
LNX	62	66	0.15	4	QUA	128	196	0.15	5
UCT	86	341	0.15	5	FLR	146	253	0.15	6
ECT	106	40	0.15	3	WES	168	226	0.15	5
HDM	120	358	0.15	4	1978 Aug 09				
BCT	136	29	0.15	4	42.56 N 72.59 W				
FLR	154	307	0.15	5	Magnitude (MB)LG= 2.1				
1978 Aug 07					QUA	21	305	0.15	24
41.56 N 73.20 W					LNX	62	66	0.15	7
Magnitude (MB)LG= 1.8					UCT	86	341	0.15	9
BCT	17	65	0.15	15	WES	106	280	0.15	7
ECT	36	151	0.15	4	ECT	106	40	0.15	5
HDM	57	278	0.15	6	HDM	120	358	0.15	8
UCT	85	249	0.15	5	BCT	136	29	0.15	8
LNX	87	176	0.15	5	FLR	154	307	0.15	6
QUA	121	214	0.15	4	1978 Aug 10				
FLR	174	263	0.15	5	41.67 N 72.83 W				
1978 Aug 08					Magnitude (MB)LG= 1.9				
41.46 N 72.73 W					HDM	33	308	0.15	7
Magnitude (MB)LG= 1.8					BCT	50	67	0.15	5
HDM	18	259	0.15	7	ECT	52	111	0.15	3
BCT	55	94	0.15	4	UCT	52	249	0.15	4
UCT	58	224	0.15	4	LNX	83	154	0.15	4
ECT	71	127	0.15	3	QUA	96	203	0.15	4
LNX	108	156	0.15	4	FLR	143	267	0.15	6
QUA	115	195	0.15	5	WES	148	237	0.15	5
FLR	137	257	0.15	5	1978 Aug 10				
WES	156	228	0.15	5	41.74 N 72.80 W				
					Magnitude (MB)LG= 1.9				
					HDM	36	321	0.15	8
					UCT	46	257	0.15	5
					ECT	52	102	0.15	3
					BCT	56	61	0.15	7
					LNX	77	149	0.15	4

Table 3—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
QUA	87	204	0.15	5	UCT	71	220	0.15	5
FLR	139	271	0.15	6	ECT	75	137	0.15	4
WES	141	239	0.15	5	LNx	117	160	0.15	5
1978 Aug 10 40.30 N 70.96 W Magnitude (MB)LG= 3.5					QUA	128	196	0.15	5
FLR	157	179	0.15	37	FLR	146	253	0.15	5
HDM	186	134	0.15	35	WES	168	226	0.15	5
UCT	201	148	0.15	23	1978 Aug 17 41.34 N 72.80 W Magnitude (MB)LG= 1.9				
WES	233	175	0.15	8	HDM	28	235	0.15	24
BCT	243	122	0.15	12	BCT	52	109	0.15	10
QUA	267	153	0.15	21	UCT	71	220	0.15	5
ECT	267	130	0.15	5	ECT	75	137	0.15	4
LNx	297	139	0.15	13	LNx	117	160	0.15	5
1978 Aug 14 41.34 N 72.80 W Magnitude (MB)LG= 1.9					QUA	128	196	0.15	4
HDM	28	235	0.15	21	FLR	146	253	0.15	6
BCT	52	109	0.15	7	WES	168	226	0.15	5
UCT	71	220	0.15	5	1978 Aug 18 41.71 N 72.71 W Magnitude (MB)LG= 1.9				
ECT	75	137	0.15	4	HDM	30	328	0.15	12
LNx	117	160	0.15	4	UCT	40	251	0.15	10
QUA	128	196	0.15	4	ECT	60	103	0.15	7
FLR	146	253	0.15	5	BCT	61	103	0.15	7
WES	168	226	0.15	5	LNx	84	146	0.15	6
1978 Aug 14 42.13 N 72.69 W Magnitude (MB)LG= 2.0					QUA	87	198	0.15	6
QUA	45	216	0.15	9	FLR	132	269	0.15	7
UCT	49	312	0.15	5	WES	137	237	0.15	7
LNx	54	116	0.15	5	1978 Aug 21 41.34 N 72.80 W Magnitude (MB)LG= 1.9				
ECT	68	62	0.15	5	HDM	28	235	0.15	11
HDM	73	349	0.15	6	BCT	52	109	0.15	8
BCT	91	40	0.15	5	UCT	71	220	0.15	5
WES	116	256	0.15	6	ECT	75	137	0.15	4
FLR	138	289	0.15	6	LNx	117	160	0.15	5
1978 Aug 16 41.34 N 72.80 W Magnitude (MB)LG= 1.9					QUA	128	196	0.15	6
HDM	28	235	0.15	12	FLR	146	253	0.15	6
BCT	52	109	0.15	7	WES	168	226	0.15	5

Table 3—continued

Sta.	Dist.	Azim.	T	Amp.	Sta.	Dist.	Azim.	T	Amp.
(km)	(deg)	(sec)	(mμ)		(km)	(deg)	(sec)	(mμ)	
1978 Aug 21					1978 Aug 25				
45.92 N 71.25 W					42.87 N 70.83 W				
Magnitude (MB)LG= 3.2					Magnitude (MB)LG= 2.3				
JKM	85	250	0.11	89	WES	67	37	0.15	15
DVT	125	37	0.11	64	FLR	130	11	0.15	6
BNH	144	1	0.11	94	QUA	135	71	0.15	8
HKM	188	315	0.11	36	HNH	150	129	0.15	7
MIM	189	253	0.11	98	TRM	161	196	0.15	5
TRM	198	336	0.11	55	UCT	164	46	0.15	5
AGM	218	235	0.11	62	NSC	176	29	0.15	5
BPM	240	244	0.11	21	BNH	194	170	0.15	3
HNH	256	19	0.11	18	HDM	208	43	0.15	5
CBM	269	245	0.11	10	LNK	209	74	0.15	5
EMM	324	291	0.11	8	ECT	242	62	0.15	4
WES	390	1	0.11	15	BPM	256	219	0.15	5
QUA	392	16	0.11	10	BCT	261	55	0.15	5
LNK	426	24	0.11	6	1978 Aug 31				
UCT	458	11	0.11	12	41.46 N 72.73 W				
ECT	482	24	0.11	6	Magnitude (MB)LG= 1.8				
HDM	500	14	0.11	10	HDM	18	259	0.10	11
BCT	517	22	0.11	6	BCT	55	94	0.15	10
1978 Aug 25					UCT	58	224	0.15	4
42.87 N 70.82 W					ECT	71	127	0.15	6
Magnitude (MB)LG= 2.2					NSC	73	268	0.15	6
WES	68	35	0.13	21	LNK	108	156	0.15	4
FLR	130	7	0.15	6	QUA	115	195	0.15	5
QUA	135	68	0.15	8	FLR	137	257	0.15	5
HNH	151	126	0.15	10	1978 Aug 31				
TRM	161	198	0.15	5	42.54 N 71.69 W				
UCT	165	45	0.15	5	Magnitude (MB)LG= 2.0				
NSC	176	29	0.15	5	WES	35	300	0.15	29
BNH	194	169	0.15	3	QUA	57	81	0.15	9
HDM	208	43	0.15	5	UCT	91	31	0.15	8
LNK	210	73	0.15	5	FLR	103	333	0.15	8
HKM	220	209	0.15	7	NSC	118	7	0.15	8
ECT	242	63	0.15	4	LNK	132	81	0.15	7
BPM	255	220	0.15	5	HDM	136	31	0.15	8
DVT	256	154	0.15	4	ECT	162	62	0.15	10
BCT	261	55	0.15	3	1978 Sep 01				
MIM	300	210	0.15	1	42.48 N 71.46 W				
JKM	313	189	0.15	4	Magnitude (MB)LG= 2.0				
EMM	399	232	0.15	2	WES	16	313	0.15	18
CBM	500	205	0.15	1	QUA	75	88	0.15	6

Table 3—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
FLR	89	342	0.15	4	1978 Sep 03 41.36 N 71.36 W Magnitude (MB)LG= 2.8				
UCT	97	43	0.15	4	NSC	43	108	0.15	23
NSC	116	17	0.15	5	FLR	44	208	0.15	25
HDM	141	39	0.15	4	UCT	91	126	0.15	6
LNK	150	85	0.15	4	HDM	98	98	0.15	9
HNH	152	154	0.15	7	WES	114	182	0.15	6
ECT	177	67	0.15	4	QUA	148	146	0.15	5
BCT	194	56	0.15	3	BCT	170	96	0.15	5
BNH	235	184	0.20	2	ECT	179	108	0.15	5
1978 Sep 01 42.13 N 72.69 W Magnitude (MB)LG= 1.9					LNK	192	125	0.15	3
QUA	45	216	0.15	6	1978 Sep 05 41.71 N 72.71 W Magnitude (MB)LG= 1.9				
UCT	49	312	0.15	6	HDM	30	328	0.10	13
LNK	54	116	0.15	4	UCT	40	251	0.15	6
ECT	68	62	0.15	4	ECT	60	103	0.15	6
HDM	73	349	0.15	5	BCT	61	67	0.15	9
BCT	91	40	0.15	6	NSC	76	290	0.15	15
NSC	100	316	0.15	8	LNK	84	146	0.10	5
WES	116	256	0.15	5	QUA	87	198	0.10	6
FLR	138	289	0.15	5	FLR	132	269	0.15	6
1978 Sep 01 46.00 N 71.37 W Magnitude (MB)LG= 2.2					WES	137	237	0.10	5
JKM	96	293	0.10	9	1978 Sep 05 41.46 N 72.73 W Magnitude (MB)LG= 2.1				
DVT	132	29	0.15	8	HDM	18	259	0.10	66
BNH	157	357	0.15	7	BCT	55	94	0.15	10
MIM	200	294	0.15	5	UCT	58	224	0.15	9
TRM	213	335	0.20	7	ECT	71	127	0.20	5
BPM	254	306	0.15	5	NSC	73	268	0.15	11
HNH	266	16	0.20	10	LNK	108	156	0.15	6
CBM	270	246	0.20	3	QUA	115	195	0.15	8
EMM	335	293	0.15	3	FLR	137	257	0.15	8
1978 Sep 03 41.36 N 71.36 W Magnitude (MB)LG= 2.3					WES	156	228	0.15	9
NSC	43	108	0.15	23	1978 Sep 05 41.69 N 72.75 W Magnitude (MB)LG= 2.1				
FLR	44	222	0.15	25	HDM	30	331	0.15	10
UCT	91	125	0.15	6	UCT	44	257	0.15	6
HDM	98	96	0.15	6	BCT	57	65	0.15	8
WES	114	185	0.15	6	ECT	57	105	0.15	7
QUA	148	141	0.15	5	NSC	79	250	0.15	10
BCT	170	94	0.15	5					
ECT	179	104	0.15	5					
LNK	192	123	0.15	3					

Table 3—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
LNK	84	146	0.15	5	1978 Sep 20				
QUA	90	201	0.15	5	41.69 N 72.75 W				
FLR	136	275	0.15	6	Magnitude (MB)LG= 2.2				
WES	141	240	0.15	4	HDM	30	331	0.15	20
1978 Sep 06					UCT	44	257	0.15	8
42.29 N 73.25 W					BCT	57	65	0.15	10
Magnitude (MB)LG= 2.3					NSC	79	250	0.15	12
LNK	6	180	0.15	141	LNK	84	146	0.15	8
ECT	52	19	0.15	5	QUA	90	201	0.15	9
QUA	74	258	0.15	5	FLR	136	275	0.15	8
UCT	97	298	0.15	5	WES	141	240	0.15	9
HDM	108	225	0.15	9	1978 Sep 20				
1978 Sep 06					41.62 N 72.80 W				
41.33 N 72.52 W					Magnitude (MB)LG= 2.0				
Magnitude (MB)LG= 2.1					HDM	29	258	0.15	6
HDM	31	275	0.10	14	BCT	49	70	0.15	13
BCT	53	86	0.10	12	UCT	53	250	0.15	5
UCT	74	230	0.10	9	NSC	82	281	0.15	9
ECT	78	126	0.10	4	QUA	100	205	0.15	4
NSC	82	272	0.10	8	1978 Sep 20				
LNK	122	155	0.10	8	42.12 N 72.68 W				
QUA	133	195	0.10	6	Magnitude (MB)LG= 2.2				
FLR	147	266	0.10	6	QUA	45	209	0.15	7
WES	172	231	0.10	10	UCT	48	313	0.15	8
1978 Sep 11					LNK	54	119	0.15	6
42.36 N 72.52 W					HDM	72	352	0.15	9
Magnitude (MB)LG= 2.1					BCT	91	45	0.15	8
QUA	16	208	0.15	23	NSC	99	315	0.15	15
LNK	62	90	0.15	6	WES	116	254	0.15	6
WES	99	265	0.15	7	FLR	137	291	0.15	7
NSC	112	329	0.15	5	1978 Sep 20				
BCT	120	42	0.15	5	42.00 N 71.23 W				
1978 Sep 20					Magnitude (MB)LG= 2.3				
41.33 N 72.78 W					FLR	32	345	0.15	25
Magnitude (MB)LG= 2.2					WES	44	175	0.15	22
HDM	27	275	0.10	22	NSC	77	45	0.15	5
BCT	53	86	0.10	15	UCT	86	77	0.15	12
UCT	70	230	0.10	6	QUA	107	114	0.15	6
NSC	80	272	0.10	17	HDM	122	64	0.15	7
LNK	118	155	0.10	4					
QUA	128	195	0.10	3					
WES	168	145	0.10	4					

Table 3—continued

Sta.	Dist.	Azim.	T	Amp.	Sta.	Dist.	Azim.	T	Amp.
(km)	(deg)	(sec)	(mμ)		(km)	(deg)	(sec)	(mμ)	
1978 Sep 25 41.69 N 72.75 W Magnitude (MB)LG= 2.1					1978 Sep 28 41.69 N 72.75 W Magnitude (MB)LG= 2.2				
HDM	30	334	0.15	12	HDM	30	331	0.15	19
UCT	44	253	0.15	6	UCT	44	257	0.15	10
ECT	57	99	0.15	6	ECT	57	105	0.15	6
BCT	57	65	0.15	6	BCT	57	65	0.15	8
NSC	79	249	0.15	19	NSC	79	250	0.15	15
LNx	84	144	0.15	6	LNx	84	146	0.15	8
QUA	90	198	0.15	5	QUA	90	201	0.15	8
FLR	136	274	0.15	5	FLR	136	275	0.15	12
WES	141	237	0.15	9	WES	141	240	0.15	11
1978 Sep 26 41.54 N 72.73 W Magnitude (MB)LG= 2.2					1978 Oct 04 42.12 N 72.69 W Magnitude (MB)LG= 2.0				
HDM	18	270	0.15	12	QUA	46	224	0.15	8
UCT	52	221	0.15	7	UCT	49	302	0.15	6
BCT	55	90	0.15	8	LNx	54	122	0.15	5
ECT	66	125	0.15	4	ECT	68	64	0.15	3
NSC	74	269	0.15	8	HDM	72	343	0.15	8
LNx	100	151	0.15	6	BCT	90	37	0.15	9
QUA	106	190	0.15	6	NSC	100	310	0.15	11
WES	150	229	0.15	10	WES	117	255	0.15	8
1978 Sep 26 42.79 N 73.99 W Magnitude (MB)LG= 2.0					1978 Oct 04 41.33 N 72.78 W Magnitude (MB)LG= 2.1				
LNx	78	316	0.15	4	HDM	31	275	0.15	13
ECT	117	340	0.15	9	BCT	53	86	0.15	9
QUA	138	289	0.15	7	UCT	74	230	0.15	5
BCT	153	346	0.15	9	ECT	78	126	0.15	4
UCT	179	306	0.15	7	NSC	82	272	0.15	25
1978 Sep 27 41.33 N 72.78 W Magnitude (MB)LG= 2.2					LNx	122	154	0.15	3
HDM	28	275	0.15	13	QUA	133	194	0.15	3
BCT	53	86	0.15	19	FLR	147	266	0.15	6
UCT	72	230	0.15	7	1979 Apr 18 44.01 N 69.79 W Magnitude (MB)LG= 2.8				
ECT	77	126	0.15	4	TRM	46	127	0.15	72
NSC	80	272	0.15	11	MIM	149	203	0.15	12
LNx	120	155	0.15	6	JKM	186	169	0.15	10
QUA	130	195	0.15	5	EMM	200	245	0.15	23
WES	169	231	0.15	6	DVT	217	120	0.15	10

Table 3—continued

Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)	Sta.	Dist. (km)	Azim. (deg)	T (sec)	Amp. (mμ)
BVT	237	73	0.15	9	1979 Jul 16				
IVT	268	80	0.15	8	46.00 N 71.37 W				
FLR	277	24	0.15	29	Magnitude (MB)LG= 2.1				
HNH	278	210	0.15	12	JKM	96	293	0.15	7
UCT	315	40	0.15	13	DVT	132	29	0.15	4
NSC	328	32	0.15	20	BNH	157	357	0.15	4
CBM	350	201	0.15	3	MIM	200	294	0.15	5
HDM	359	40	0.15	8	HKM	202	317	0.15	5
1979 Jul 09					BPM	254	306	0.15	4
43.39 N 71.45 W					CBM	270	246	0.15	2
Magnitude (MB)LG= 2.3					EMM	335	293	0.15	4
HNH	76	118	0.15	8	1979 Jul 16				
BVT	92	88	0.15	7	46.00 N 71.37 W				
QUA	128	36	0.15	7	Magnitude (MB)LG= 2.1				
IVT	131	97	0.15	6	JKM	96	293	0.15	7
BNH	134	187	0.15	3	DVT	132	29	0.15	4
DVT	184	162	0.15	5	BNH	157	357	0.15	3
UCT	185	21	0.15	5	MIM	200	294	0.15	4
FLR	188	352	0.15	5	HKM	202	317	0.15	5
LNH	189	52	0.15	5	BPM	254	306	0.15	4
HKM	202	225	0.15	5	CBM	270	246	0.15	2
HDM	229	23	0.15	3	EMM	335	293	0.15	4
BPM	254	236	0.15	5	1979 Jul 16				
BCT	264	38	0.15	3	46.00 N 71.37 W				
1979 Jul 12					Magnitude (MB)LG= 1.9				
46.00 N 71.37 W					JKM	96	293	0.15	5
Magnitude (MB)LG= 2.2					DVT	132	29	0.15	4
JKM	96	293	0.15	8	BNH	157	357	0.15	2
DVT	132	29	0.15	7	MIM	200	294	0.15	2
BNH	157	357	0.15	5	HKM	202	317	0.15	3
MIM	200	294	0.15	5	BPM	254	306	0.15	2
HKM	202	317	0.15	5	CBM	270	246	0.15	2
BPM	254	306	0.15	4	1979 Jul 17				
CBM	270	246	0.15	2	46.00 N 71.37 W				
EMM	335	293	0.15	4	Magnitude (MB)LG= 2.2				
1979 Jul 13					JKM	96	293	0.15	9
46.00 N 71.37 W					DVT	132	29	0.15	5
Magnitude (MB)LG= 2.2					BNH	157	357	0.15	4
JKM	96	293	0.15	9	MIM	200	294	0.15	5
DVT	132	29	0.15	5	HKM	202	317	0.15	5
BNH	157	357	0.15	4	BPM	254	306	0.15	3
MIM	200	294	0.15	4	CBM	270	246	0.15	2
HKM	202	317	0.15	6	EMM	335	293	0.15	4
BPM	254	306	0.15	5					
CBM	270	246	0.15	2					
EMM	335	293	0.15	4					

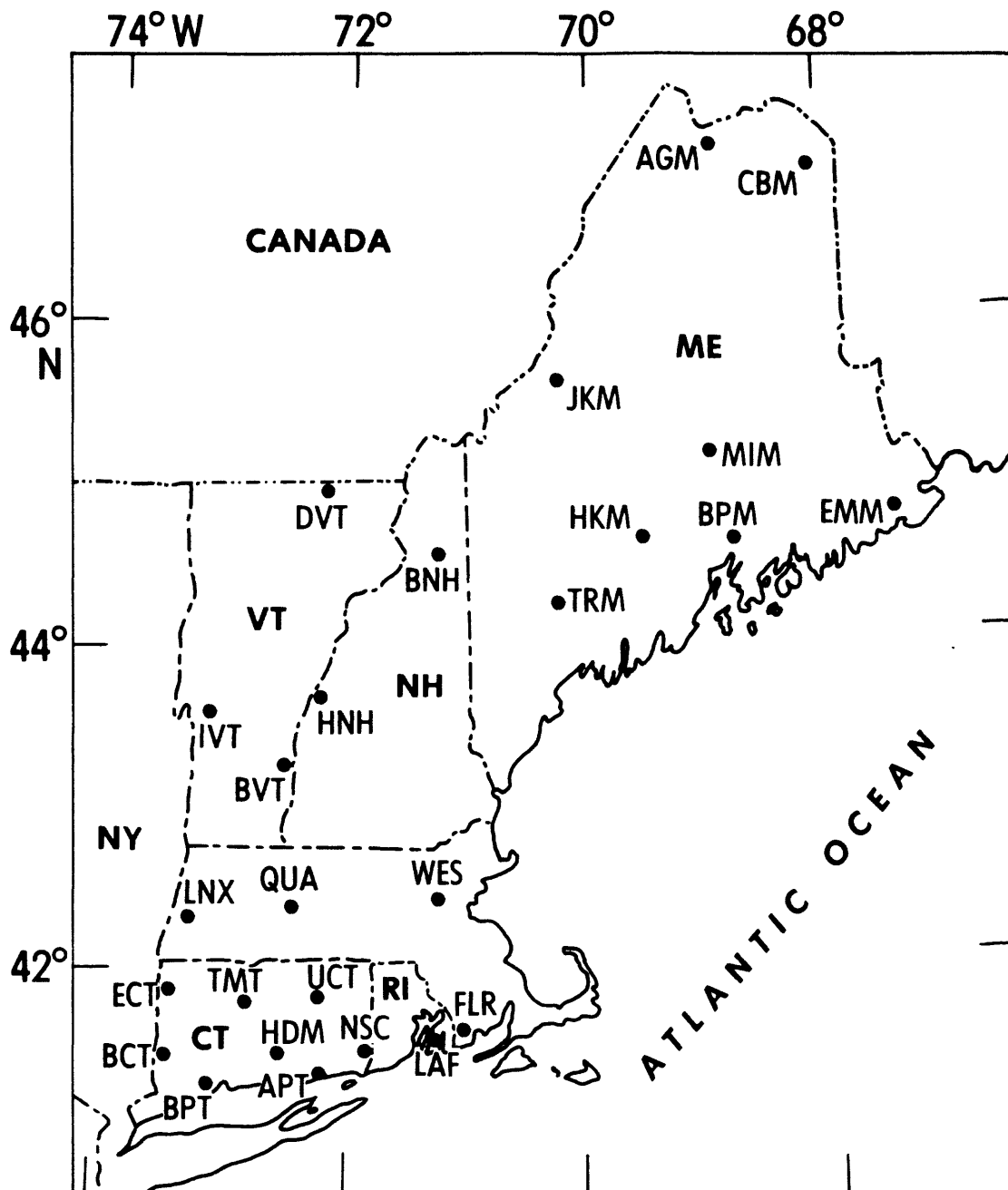


Figure 2.— New England seismological station locations used to tabulate the *Pg*-wave vertical component of ground motion (table 3).

[Map shows political boundaries of the Northeastern U. S.; north latitude; west longitude; solid circles show locations of stations used throughout table 3.]