SEISMIC DATA REPORT
SOUTHERN NEVADA REGION
DECEMBER 22, 1971 - DECEMBER 31, 1972

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U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
EARTH SCIENCES LABORATORIES

FEBRUARY 1973

PREPARED FOR THE U. S. ATOMIC ENERGY COMMISSION
NEVADA OPERATIONS OFFICE
UNDER MEMORANDUM OF AGREEMENT AT(29-2)-746

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SEISMIC DATA REPORT
SOUTHERN NEVADA REGION
DECEMBER 22, 1971 - DECEMBER 31, 1972

KENNETH C. BAYER

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
EARTH SCIENCES LABORATORIES

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ABSTRACT

The seismic data report for the southern Nevada region is issued to those individuals and organizations having a special need for the individual station data analyzed by the Nevada Special Projects Party (NSPP) of the Earth Sciences Laboratories (ESL).

The station data and hypocentral parameters are the result of data scaled only from the local cooperative network and solutions determined by a local epicenter program. Seismic data from announced Atomic Energy Commission (AEC) tests are also tabulated.

1. INTRODUCTION

The purpose of the seismic data report is to collect and distribute preliminary data acquired from the southern Nevada network of seismic stations in order to facilitate current studies of earthquake occurrence in the southern Nevada region and adjacent areas. Scaling of record arrival times and amplitudes, final reduction and collation of data to event hypocenters and derivation of related parameters are performed by the Nevada Special Party (NSPP) in Las Vegas, Nevada. This compilation is preliminary and may be subject to later revision on the basis of current research.

The southern Nevada region monitored by the NSPP is outlined on the Station Location Map (fig. 1). Several central California stations have been added to the station location map, as indicated. Their coordinates may be found in the National Earthquake Information Center catalog (NEIC 1972). Occasionally the body wave phases from several of the California stations were used for azimuthal control of

earthquakes occurring along the northern extremes of the Owens and Death Valleys. The station constants of the 23 cooperative network seismic stations are tabulated in table 1. The southern Nevada seismic region is divided into 96 geographic areas which are shown in figure 2 and referred to in Appendix A. A three layer velocity/depth model is used throughout the southern Nevada region for epicenter determinations. Appendix A chronologically lists the total station input for the time frame stipulated. Magnitude values for several of the larger earthquakes ($M > 3.0$) are tabulated in the seismicity report NVO-746-3 (see reference). Appendix B lists known spatial and temporal parameters of announced nuclear and high explosive AEC Nevada Test Site events. The event description is followed by the seismic data scaled from the local network.

Figure 1. Station Location Map

Code	Station Name	Latitude (North)	Longitude (West)	Elev. (Meters)	Inst. Comp.	Approx. Magnification @ 1 Hz
------	--------------	------------------	------------------	----------------	-------------	------------------------------

NOAA/ESL NEVADA SEISMOGRAPH STATIONS

ALA	Alamo	37°16.15'	115°08.10'	1067	SPZ	100K
BTY	Beatty	36°53.63'	116°45.88'	1008	SPZ	100K
CPX	CP-1 (Control Point #1)	36°55.92'	116°03.33'	1285	SPZ	110K
ETS	Engine Test Stand	36°49.95'	116°18.50'	1158	SPZ	0.1K
LSM	Little Skull Mountain	36°44.32'	116°16.68'	1146	SPZ	220K
LVN	Las Vegas, Nevada	36°06.55'	115°08.40'	670	SPZ	8K
LVW	Las Vegas (West)	36°10.20'	115°11.25'	654	SPZ	3.3K
MCV	Mercury	36°38.01'	115°59.99'	1158	SPZ	100K
PRN	Pahroc Range, Nevada	37°26.50'	115°04.00'	1524	SPZ	105K
SMN	Sleeping Mountain, Nevada	37°08.60'	116°46.00'	1246	SPZ	100K
TSV	Twin Springs	38°12.10'	116°10.50'	1585	SPZ	105K

SANDIA LABORATORIES STATIONS

BMN	Battle Mountain, Nevada	40°25.90'	117°13.30'	1524	SPZ	} Variable
DAC	Darwin, California	36°16.62'	117°35.62'	1432	SPZ	
ELY	Ely, Nevada	39°07.88'	114°53.52'	2012	SPZ	
LEE	Leeds, Utah	37°14.58'	113°22.60'	1067	SPZ	
NEL	Nelson, Nevada	35°42.74'	114°50.61'	1052	SPZ	
TPH	Tonopah, Nevada	38°04.29'	117°13.21'	1890	SPZ	

U. S. GEOLOGICAL SURVEY, YUCCA FLATS, NEVADA STATIONS

NYC	Charley	(NTS)	37°09.30'	116°09.32'	1574	SPZ	} 1000K (20X Viewer)
NYJ	Joshua Tree	(NTS)	37°00.48'	115°58.48'	1195	SPZ	
NYM	Climax Mine	(NTS)	37°13.88'	116°03.14'	1489	SPZ	
NYR	Recciver Site	(NTS)	37°03.32'	116°05.50'	1188	SPZ	
NYS	Syncline Ridge	(NTS)	37°01.95'	116°10.13'	1402	SPZ	
NYV	Vern	(NTS)	37°06.77'	115°59.40'	1340	SPZ	

Table 1. Seismic Station Constants

Figure 2. Geographic Areas of the Southern Nevada Seismic Net

2. ACKNOWLEDGMENTS

The entire staff of the Special Projects Party participated in the operation and coordination of the NOAA/ESL seismograph network. Without the cooperation of the Sandia Laboratories and the U. S. Geological Survey, a portion of the data that went into this report would not have been possible. The author gratefully acknowledges the administrative supervision proved by Kenneth W. King, Chief of the Nevada Special Projects Party, Stanley R. Brockman for the computer processing, and Bruce R. Bradley for data plotting and map compilation.

The operation of all the seismograph stations and the interpretation of the data from these stations are made possible through the financial support of the Nevada Operations Office of the United States Atomic Energy Commission (NVO/AEC), under Memorandum of Agreement AT(29-2)-746.

3. REFERENCES

- Bayer, Kenneth C. (1972) "Seismicity of the Southern Nevada Region - December 22, 1971 to July 1, 1972", NVO-746-3 and NOAA TM ERL-250, ESL-25. July.
- Bayer, Kenneth C. (1972) "A Preliminary Seismicity Study of the Southern Nevada Region for the Month of July 1972", NVO-746-4 (September).
- Bayer, Kenneth C., K. W. King (1972) "A Preliminary Seismicity Study of the Southern Nevada Region for the Month of August 1972", NVO-746-5 (October).
- Bayer, Kenneth C., K. W. King (1972) "A Preliminary Seismicity Study of the Southern Nevada Region for the Month of September 1972", NVO-746-7 (November).
- Bayer, Kenneth C., (1972) "A Preliminary Seismicity Study of the Southern Nevada Region for the Month of October 1972", NVO-746-8 (December).
- Bayer, Kenneth C., (1972) "A Preliminary Seismicity Study of the Southern Nevada Region for the Month of November 1972", NVO-746-9 (January 1973).

Bayer, Kenneth C. , (1972) "A Preliminary Seismicity Study of the Southern Nevada Region for the Month of December 1972", NVO-746-6 (February 1973).

Seismograph Station Abbreviations and Coordinates, NEIC, Rockville, Maryland.
(May 1972)

APPENDIX A

DESCRIPTION OF COLUMN HEADINGS

DATE - Day, month, and year in Greenwich Mean Time (GMT)

STA - Station code

PHASE - Name of phase reported
I or E indicates the character of phase arrival
C or D in the fourth character indicates direction of first motion

TIME - Arrival time of phase in hours, minutes, and seconds (GMT)

AMP - Ground displacement of phase in millimicrons
Amplitudes reported with S phases and maximum surface wave displacements

PER - Period of phase in seconds

MAG - Station magnitude defined by
$$m_b = 0.76 + \text{Log } 10 (\text{amp/per}) + 0.91 \text{ Log } 10 (\text{slant distance})$$

For events of epicenter distance less than 200 km from station

DIST - Great circle distance to event in kilometers

AZI - Station to epicenter azimuth in degrees taken clockwise from north

RES - Phase travel time residual in seconds (O-C)

REMARKS - Descriptive information

DESCRIPTION OF HYPOCENTER INFORMATION

Hypocenter data are listed in chronological order and are followed by associated phase arrivals

FIRST LINE - Date
Origin time (GMT)
Geographic coordinates
Depth of focus in kilometers
Average body wave (m_b) and surface wave (MS) magnitudes
Type of solution

SECOND LINE - Geographic area

SEISMOLOGICAL BULLETIN

DEC 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
22	17 54	47.00	37.44 N 118.48 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			BLANCO MTN.							
22	TPH	EP	17 55 8.5				131	57	.4	
22	DAC	E(P)	17 55 11.2				152	148	-.4	
		ES	17 55 30.5						1.0	
22	SMN	EP	17 55 11.8				155	102	-.5	
		I	17 55 12.7							
22	BTY	E(P)	17 55 13.0				164	112	-.6	MARGINAL DATA
22	NYC	E(P)	17 55 20.6				208	98	.5	
.....										
22	LEE	IP C	20 47 41.6							
		E(S)	20 48 8.2							
22	NEL	E(P)	20 47 54.8							
22	ALA	E(P)	20 48 2.5							
.....										
24	9 12	31.73	36.05 N 114.70 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			HOOVER DAM							
24	NEL	IP	09 12 38.1				40	199	-.1	
		E(S)	09 12 43.4						.5	
24	MCV	IPNC	09 12 52.6				133	299	-.7	
		IPG	09 12 54.6							
		ES	09 13 9.8						.7	
24	ALA	IP	09 12 54.4				137	344	.4	
24	CPX	EP	09 12 56.6				156	309	-.3	
24	LSM	EP	09 12 56.8				160	299	-.9	
24	LEE	EP	09 12 59.9				178	42	-.6	
		ES	09 13 22.2						.6	
24	NYC	EP	09 13 .8				179	314	.0	
24	BTY	EP	09 13 4.8				207	297	.3	
24	SMN	EP	09 13 7.3				221	304	.9	
.....										
24	11 34	39.22	34.07 N 118.70 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
24	DAC	E(P)	11 35 19.6				266	22	.1	POOR START
24	BTY	E(P)	11 35 31.5				359	29	-.0	
24	MCV	E(P)	11 35 33.4				376	40	-.3	
		ES	11 35 43.3						-30.4	
24	NEL	E(P)	11 35 36.3				397	61	-.0	
		ES	11 35 47.3						-30.9	
24	CPX	E(P)	11 35 36.4				399	36	-.2	EARTHQUAKE NOT IN THE
24	ALA	E(P)	11 35 47.5				480	42	.5	SOUTHERN NEVADA REGION
.....										
24	13 19	12.94	37.65 N 115.05 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			HIKO							
24	ALA	EP	13 19 20.0				46	187	-.4	
24	NYM	IP	13 19 22.8				103	242	-6.5	
		IS	13 19 30.7						-10.5	
24	NYJ	IP	13 19 31.2				103	229	.5	
24	NYC	EP	13 19 31.4				112	241	.2	
24	CPX	EP	13 19 32.8				120	228	.5	
24	MCV	EP	13 19 35.9				141	217	.1	
24	LSM	EP	13 19 37.1				149	227	.1	
24	LEE	EP	13 19 38.1				155	107	.1	
.....										
24	DAC	E(P)	20 47 20.7							
		IPG	20 47 24.1							
		IS	20 47 52.6							

SEISMOLOGICAL BULLETIN

DEC 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	NEL	EPN	20 47 30.1							
		IPG	20 47 34.8							
24	MCV	E(P)	20 47 35.8							
24	BTY	E(P)	20 47 36.4							
		IS	20 48 12.2							
24	ALA	E(P)	20 47 51.0							

.....

25 4 54 28.82 38.59 N 116.22 W DEPTH = 5.0 KM FIXED DEPTH SOLUTION
MOREY PEAK

.....

25	TPH	IP D	04 54 46.3				104	237	.7	
		1(S)	04 54 58.0						.1	
25	NYM	IP	04 54 47.7				152	174	-5.8	
25	ELY	IP	04 54 49.7				130	62	-1	
		IS	04 55 5.6						.4	
25	SMN	IP	04 54 55.5				168	197	-6	
25	ALA	EP	04 54 56.0				178	147	-1.7	
25	CPX	IP	04 54 56.5				185	175	-2.2	
25	BTY	EP	04 54 59.3				196	194	-9	
		IS	04 55 23.5						.4	
25	SMN	IP	04 55 2.8				223	338	-8	
25	MCV	IP	04 55 4.0				218	175	1.0	
25	LEE	EP	04 55 14.0				291	120	1.6	
25	JAC	EP	04 55 14.6				284	206	3.1	
25	NEL	EP	04 55 25.3				342	159	6.3	

.....

.....

26 0 12 12.83 37.74 N 115.06 W DEPTH = 5.0 KM FIXED DEPTH SOLUTION
HIKO

.....

26	ALA	IP	00 12 21.0				55	185	-8	
26	NYR	IP	00 12 23.7				119	231	-8.5	
26	NYJ	EP	00 12 31.0				115	225	.1	
26	NYC	EP	00 12 32.0				117	237	.2	
26	CPX	E(P)	00 12 33.6				126	225	.4	
26	MCV	EP	00 12 37.6				149	215	.7	
26	ELY	E(P)	00 12 38.4				156	5	.4	
		IS	00 12 55.3						-1.1	
26	LEE	EP	00 12 38.7				158	110	.2	
26	SMN	IP	00 12 39.6				165	247	-1	
26	BTY	E(P)	00 12 41.3				179	239	-5	
26	TPH	EP	00 12 44.8				194	282	.9	

.....

.....

26 6 3 56.44 37.40 N 114.47 W DEPTH = 21.5 KM FREE DEPTH SOLUTION
TULE DESERT

.....

26	ALA	IP	06 04 6.8				60	253	.1	
26	LEE	IP C	06 04 12.5				98	100	-2	
26	NYJ	IP	06 04 19.1				140	252	.0	
26	NYV	IP	06 04 19.1				138	257	.3	
26	NYR	IP	06 04 20.2				149	256	-0	
26	CPX	EP	06 04 20.3				150	250	.0	
26	MCV	IP	06 04 21.2				160	238	-4	
26	LVN	EP	06 04 21.4				156	203	.4	
		ES	06 04 44.2						5.2	
26	NEL	IP	06 04 25.6				191	190	.1	
26	ELY	IP C	06 04 26.8				196	349	.7	
26	SMN	IP C	06 04 27.5				205	263	.0	
26	BTY	EP	06 04 28.2				212	255	-0	
26	TPH	IP	06 04 33.5				254	288	.0	
26	JAC	EP	06 04 39.8				305	247	-3	
26	SMN	EP	06 04 53.4				413	326	-6	

.....

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DEC 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZT (DEG)	RFS (SEC)	REMARKS
.....										
26	6 51	54.89	39.11 N	117.99 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
							EARTHQUAKE NOT IN THE			
							SOUTHERN NEVADA REGION			
26	TPH	IP C	06 52 16.0				133	149	-.3	
26	BMN	IP D	06 52 20.9				161	24	-.1	
26	ELY	E(P)	06 52 36.0				268	88	-.1	
26	BTY	E(P)	06 52 36.5				270	156	.3	
		ES	06 53 10.5						4.0	
.....										
26	17 32	4.69	36.28 N	118.35 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
			KERN PEAK							
26	DAC	IP C	17 32 15.3				67	90	-.2	
26	BTY	E(P)	17 32 30.7				156	64	.7	
		ES	17 33 11.8						23.2	
26	SMN	EP	17 32 31.9				171	55	-.6	
26	ALA	E(P)	17 32 51.0				307	69	.1	
.....										
28	0 43	49.47	38.42 N	117.97 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
			PILOT PEAK							
28	TPH	IP C	00 44 1.8				76	120	.2	
		E(S)	00 44 10.0						-.4	
28	SMN	IP C	00 44 18.3				177	143	.0	
28	BTY	EP	00 44 21.8				201	148	-.2	
28	NYC	EP	00 44 23.5				213	131	-.1	
		ES	00 44 49.0						.4	
28	NYS	EP	00 44 24.8				221	134	.1	
28	BMN	EP	00 44 26.0				233	16	-.0	
.....										
29	8 5	6.63	36.39 N	117.85 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
			CARWIN							
29	DAC	IP C	08 05 10.3				26	119	-.5	
29	SMN	IP C	08 05 26.9				128	49	-.5	
		ES	08 05 42.6						.0	
29	LSM	EP	08 05 30.1				146	74	-.2	
29	NYC	E(P)	08 05 34.5				173	60	-.3	
29	CPX	EP	08 05 34.6				171	69	.3	
29	TPH	E(P)	08 05 38.0				195	16	-.2	
29	ALA	E(P)	08 05 40.3				261	68	2.4	DOUBTFUL
.....										
29	NYR	E(P)	13 59 52.7							
29	CPX	IP C	13 59 52.8							
		E(S)	13 59 54.1							
29	NYJ	E(P)	13 59 53.5							
.....										
30	8 44	19.08	36.94 N	115.97 W	DEPTH =	20.0 KM	FIXED DEPTH SOLUTION			
			MERCURY							
30	CPX	IP C	08 44 21.5				7	263	-.9	
30	NYJ	IP	08 44 22.0				8	360	-.6	
30	NYV	EP	08 44 24.1				19	356	.5	
		ES	08 44 27.3						.4	
30	MCV	E(P)	08 44 25.7				34	184	.3	
30	LSM	EP	08 44 25.9				35	230	.4	
		ES	08 44 30.1						-.1	
.....										
31	NEL	EPN	16 59 33.2							
		IPG	16 59 37.9							
		ES	17 00 6.9							
31	DAC	EPNC	16 59 41.3							
		IPG	16 59 50.0							
31	MCV	EP	16 59 42.8							
31	LSM	E(P)	16 59 44.3							
31	ALA	E(P)	16 59 53.5							
31	LEE	E(P)	17 00 .2							
		ES	17 01 9.8							

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JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	8 14	50.07	37.39 N 118.44 W	DEPTH =		0.0 KM	FIXED DEPTH SOLUTION			
BLANCO MTN.										
01	TPH	EP C	08 15 10.2				131	54	-1.0	
		ES	08 15 28.6						1.9	
01	SMN	EP C	08 15 14.5				151	100	-0.0	
01	DAC	E(P)	08 15 14.8				145	148	1.3	
01	LSM	E(P)	08 15 22.1				206	110	-1.1	
01	NYC	IP	08 15 23.0				204	97	-0.1	
.....										
01	ALA	EP	16 07 26.0							
		ES	16 07 32.2							
01	NYM	IP D	16 07 29.0							
01	CPX	E(P)	16 07 36.1							
.....										
02	8 42	29.08	37.69 N 114.98 W	DEPTH =		13.6 KM	FREE DEPTH SOLUTION			
HIGHLAND PEAK										
02	ALA	IP	08 42 37.5				51	194	-0.1	
		ES	08 42 43.5						-0.3	
02	NYM	IP D	08 42 41.2				108	242	-5.5	
02	NYR	EP	08 42 49.4				121	235	.5	
02	CPX	E(P)	08 42 50.6				127	229	.9	
		I	08 42 51.3							
02	LSM	E(P)	08 42 54.5				156	228	.1	
		I	08 42 55.6							
02	ELY	E(P)	08 42 55.3				161	3	.3	
02	SMN	E(P)	08 42 55.9				169	250	-0.4	
		I	08 42 57.0							
		ES	08 43 16.8						.6	
02	TPH	E(P)	08 43 .1				202	283	-0.2	
		IS	08 43 25.4						2.3	
.....										
02	16 35	14.37	36.27 N 117.33 W	DEPTH =		25.2 KM	FREE DEPTH SOLUTION			
FANAMINT BUTTE										
02	DAC	EP C	16 35 19.9				23	273	.1	
		ES	16 35 23.7						-0.1	
02	LSM	EP	16 35 32.4				109	61	.3	
02	SMN	EP	16 35 32.4				110	27	-0.1	
02	MCV	E(P)	16 35 34.4				126	71	-0.2	
.....										
03	0 16	26.31	38.31 N 118.78 W	DEPTH =		5.0 KM	FIXED DEPTH SOLUTION			
POWELL MTN.										
03	TPH	EP C	00 16 49.7				139	100	1.0	
		IS	00 17 5.3						.2	
03	SMN	E(P)	00 16 59.8				220	125	-1.0	
03	NYC	E(P)	00 17 6.1				264	118	-0.5	
03	DAC	E(P)	00 17 6.2				249	155	1.7	
03	LSM	EP	00 17 7.9				282	127	-0.8	
		I	00 17 10.1							
		IS	00 17 39.5						-0.3	
.....										
03	10 20	45.17	38.58 N 112.75 W	DEPTH =		5.0 KM	FIXED DEPTH SOLUTION			
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
03	LEE	EP C	10 21 10.2				158	201	-0.6	
03	ELY	IP C	10 21 16.6				196	289	.1	
03	ALA	EP	10 21 24.0				255	235	-0.2	

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		EPG	10 21 28.1							
. 03	NEL	E(P)	10 21 39.6				369	211	.9	
. 03	TPH	EPN	10 21 42.1				395	263	.2	
		E(P)	10 21 54.2							
. 03	BMN	E(P)	10 21 47.0				436	300	-.3	
.....										
03	DAC	IP C	10 47 7.5							
		I(S)	10 47 13.3							
03	LSM	EP	10 47 20.5							
		ES	10 47 35.4							
03	MCV	EP	10 47 22.3							
03	SMN	EP	10 47 22.7							
03	CPX	EP	10 47 24.4							
.....										
. 05	20 10 27.27		38.78 N 118.21 W	DEPTH =	20.0 KM					FIXED DEPTH SOLUTION
			GABBS VALLEY							
. 05	TPH	IPNC	20 10 46.6				116	132	.3	
		IPG	20 10 48.7							
		IS	20 11 4.8						4.6	
. 05	BMN	IP C	20 10 57.3				202	25	-.1	
		IS	20 11 20.9						.5	
. 05	NYM	IP C	20 11 4.9				256	132	-.1	
. 05	ELY	EP C	20 11 8.7				290	81	-.4	
.....										
. 06	10 10 40.31		35.74 N 117.71 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			LITTLE LAKE							
. 06	DAC	IP D	10 10 50.7				61	10	.6	
. 06	SMN	EP C	10 11 8.0				178	28	-1.2	
		IPG	10 11 11.1							
. 06	LSM	IPNC	10 11 8.3				170	49	.4	
		EPG	10 11 12.1							
		E(S)	10 11 39.2						11.1	
. 06	MCV	EP C	10 11 10.3				183	57	.3	
. 06	CPX	IP C	10 11 11.9				199	48	-.2	
. 06	NEL	IP C	10 11 19.7				253	90	-.1	
.....										
. 06	19 27 32.68		34.93 N 113.47 W	DEPTH =	25.0 KM					FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE
										SOUTHERN NEVADA REGION
. 06	NEL	EPNC	19 27 56.0				153	305	-.5	
		IPG	19 27 56.8							
		ES	19 28 13.9						-.0	
. 06	LEE	EPNC	19 28 10.0				258	2	-.0	
		IPG	19 28 12.3							
. 06	LSM	E(P)	19 28 19.0				324	309	.6	
.....										
. 06	23 59 5.86		37.40 N 116.08 W	DEPTH =	13.9 KM					FREE DEPTH SOLUTION
			SILENT CANYON							
. 06	NYM	IP	23 59 10.1				19	174	.4	
. 06	NYC	IP	23 59 10.3				28	194	-.7	
. 06	CPX	IP	23 59 14.0				52	178	-.5	
		IS	23 59 21.1						.2	
. 06	SMN	IP D	23 59 17.0				68	245	-.1	
		IS	23 59 25.7						.4	
. 06	LSM	EP	23 59 18.6				76	193	.3	
. 06	MCV	E(P)	23 59 20.0				86	179	.1	
. 06	ALA	E(P)	23 59 20.3				87	102	.2	
		ES	23 59 30.3						-.2	

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	TPH	EP	23 59 26.2				126	307	-.0	
.....										
08	7	0	42.72	37.52 N	118.03 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
DAVIS MTN.										
08	TPH	E(P)	07 00 57.8				94	49	-.1	
		IS	07 01 9.0						-.1	
08	SMN	E(P)	07 01 2.0				119	110	-.2	
08	NYC	EP	07 01 9.9				171	103	-.6	
08	LSM	E(P)	07 01 10.9				178	118	-.4	
08	NYM	EP	07 01 14.5				178	100	3.1	
.....										
08	TPH	E(P)	07 05 6.0							
		IS	07 05 17.1							
08	SMN	E(P)	07 05 10.1							
08	NYC	EP	07 05 18.1							
08	LSM	E(P)	07 05 19.1							
08	NYM	EP	07 05 22.6							
.....										
08	8	15	19.85	36.60 N	115.78 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION			
MERCURY										
08	MCV	IP C	08 15 22.7				20	281	-.3	
08	CPX	EP	08 15 26.8				45	326	-.2	
08	LSM	IP C	08 15 27.5				47	289	.1	
08	NYJ	IP C	08 15 27.5				49	339	-.3	
08	NYV	IP	08 15 29.4				60	342	-.3	
		ES	08 15 37.3						.5	
08	ALA	EP	08 15 34.7				93	39	-.1	
08	SMN	IP C	08 15 37.3				107	305	.0	
08	NEL	E(P)	08 15 40.9				129	139	.1	
08	TPH	EP	08 15 53.9				208	322	.7	
.....										
08	12	22	.02	36.86 N	117.56 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION			
DRI MTN										
08	DAC	IP D	12 22 10.1				65	183	-.3	
		IS	12 22 18.3						.3	
08	SMN	E(P)	12 22 12.2				78	66	-.5	
08	LSM	IP	12 22 18.8				116	96	.1	
08	NYC	EP	12 22 20.8				123	75	-.3	
08	TPH	E(P)	12 22 22.7				139	12	.3	
08	MCV	E(P)	12 22 23.5				142	100	.6	
.....										
08	14	7	8.08	37.03 N	116.07 W	DEPTH = 8.3 KM	FREE DEPTH SOLUTION			
SILENT CANYON										
08	NYR	IP	14 07 9.3				4	327	-.3	
08	CPX	IP C	14 07 9.5				11	173	-.6	
08	NYJ	EP	14 07 10.1				9	104	.1	
		IS	14 07 11.8						.3	
08	LSM	E(P)	14 07 14.5				37	210	.4	
08	MCV	E(P)	14 07 15.0				44	172	-.3	
.....										
09	DAC	IP C	06 41 13.1							
		IS	06 41 20.8							
		I	06 41 43.6							
09	SMN	IP	06 41 32.2							
09	LSM	IP	06 41 34.7							

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	SMN	IP C	14 07 21.2							
09	NYC	IP C	14 07 21.6							
		ES	14 07 25.5							
09	CPX	E(P)	14 07 25.4							
09	LSM	EP	14 07 26.6							
09	NYM	IP C	14 07 28.4							
.....										
10	14 18	54.22	37.74 N	115.09 W	DEPTH =	13.0 KM				FREE DEPTH SOLUTION
			HIKO							
10	ALA	IP C	14 19 3.0				56	182	-.4	
10	NYM	IP D	14 19 5.8				102	237	-5.2	ALL AMPS CLIP
10	NYJ	IP D	14 19 13.6				113	224	.9	
10	CPX	E(P)	14 19 15.3				124	224	.9	
10	MCV	EP D	14 19 18.1				147	214	-.1	
		I	14 19 19.0							
10	LSM	IP D	14 19 19.0				153	224	-.1	
		I	14 19 20.1							
10	ELY	E(P)	14 19 19.4				156	6	-.0	
		ES	14 19 38.0						.1	
10	SMN	EP D	14 19 20.3				162	246	-.3	
10	LEE	E(P)	14 19 20.3				161	110	-.1	
10	TPH	IP D	14 19 24.1				191	282	.1	
10	NEL	E(P)	14 19 29.0				227	174	.2	
		IPG	14 19 32.5							
.....										
10	14 48	30.40	37.75 N	115.10 W	DEPTH =	14.9 KM				FREE DEPTH SOLUTION
			HIKO							
10	ALA	IP D	14 48 39.4				57	182	-.4	
10	NYM	IP D	14 48 41.8				102	236	-5.4	
10	NYV	IP	14 48 48.4				106	229	.6	
10	NYJ	IP D	14 48 49.6				113	224	.6	
10	CPX	E(P)	14 48 51.3				124	223	.6	
10	MCV	EP	14 48 54.3				148	213	-.1	
		I	14 48 55.1							
10	LSM	EP D	14 48 55.0				153	223	-.3	
		I	14 48 56.1							
10	ELY	E(P)	14 48 55.5				155	7	.1	
		ES	14 49 13.7						-.1	
10	SMN	EP	14 48 56.3				162	246	-.3	
10	LEE	E(P)	14 48 56.4				162	110	-.0	
10	TPH	EPN	14 49 .2				190	282	.2	
		EPG	14 49 2.3							
		IS	14 49 25.4						3.7	
10	NEL	E(P)	14 49 5.2				228	174	.3	
.....										
10	15 4	23.26	37.73 N	115.09 W	DEPTH =	17.1 KM				FREE DEPTH SOLUTION
			HIKO							
10	ALA	IP C	15 04 31.8				54	182	-.5	
10	NYM	IP D	15 04 34.3				101	237	-5.6	
10	NYV	EP	15 04 40.9				105	230	.4	
10	NYJ	IP D	15 04 42.3				112	225	.7	
10	CPX	E(P)	15 04 43.9				123	224	.6	
10	MCV	EP	15 04 46.8				146	214	-.1	
		I	15 04 47.6							
10	LSM	IP D	15 04 47.6				152	224	-.1	
		I	15 04 48.7							
10	ELY	E(P)	15 04 48.5				158	6	.1	
		ES	15 05 6.8						-.0	
10	SMN	EP	15 04 49.0				161	247	-.1	
10	LEE	E(P)	15 04 49.0				161	109	.1	
10	TPH	EPN	15 04 52.7				191	282	-.0	

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		EPG	15 04 54.9							
		IS	15 05 18.0						3.7	
10	NEL	E(P)	15 04 57.3				225	174	.1	
11	NEL	EP D	01 34 47.4							CLIPPED
11	DAC	E(P)	01 34 54.4							
11	MCV	EPN	01 34 55.9							
11	LSM	EPG	01 35 2.7							
		E(P)	01 34 57.1							
		E(S)	01 35 47.3							
11	NEL	EPN	01 48 8.2							CLIPPED
		IPG	01 48 13.3							
11	DAC	EP	01 48 15.5							
11	MCV	EP	01 48 16.7							
11	LSM	EP	01 48 17.9							
		E(S)	01 49 7.1							
11	NEL	EP D	02 17 44.4							CLIPPED
		IPG	02 17 48.8							
11	DAC	EP	02 17 50.8							
		ES	02 18 31.5							
11	MCV	EP	02 17 53.0							
		EPG	02 17 59.9							
		E(S)	02 18 37.1							
11	LSM	EP	02 17 54.2							
11	ALA	E(P)	02 18 4.0							
11	4 24 2.65		35.30 N 116.52 W							DEPTH = 10.0 KM
			GOLDSTONE LAKE							FIXED DEPTH SOLUTION
11	NEL	IPND	04 24 19.5				159	73	-9.1	
		EPG	04 24 24.0							
11	DAC	EP	04 24 26.0				145	315	-4	
11	MCV	EPN	04 24 27.9				155	18	-2	
		IPG	04 24 34.8							
		E(S)	04 25 11.6						25.1	
11	LSM	EP	04 24 29.2				161	8	.2	
11	SMN	EP D	04 24 35.1				206	354	-0	
		IPG	04 24 44.4							
11	ALA	IPN	04 24 38.9				250	30	-1.8	
		EPG	04 24 48.5							
11	LEE	E(P)	04 24 57.2				356	52	3.0	
11	TPH	E(P)	04 24 59.2				315	349	10.3	
11	NEL	EPN	06 14 19.3							
		EPG	06 14 23.9							
11	JAC	E(P)	06 14 26.3							
		ES	06 15 6.4							
11	MCV	EP	06 14 27.7							
		EPG	06 14 34.5							
11	LSM	EP	06 14 29.0							
11	ALA	E(P)	06 14 38.7							
11	LEE	EP	06 14 47.0							
11	7 38 32.67		37.33 N 118.43 W							DEPTH = 5.0 KM
			GLANCO MTN.							FIXED DEPTH SOLUTION
11	TPH	IP C	07 38 54.6				135	52	-0.1	
11	DAC	EP	07 38 55.2				139	147	-0.1	
		ES	07 39 11.9						.2	
11	SMN	EP	07 38 56.8				143	97	-0.3	
11	LSM	EP	07 39 4.5				203	108	-0.6	
11	NYC	EP	07 39 6.2				202	95	1.0	

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
12	7 32	8.62	37.72 N	115.12 W	DEPTH =	16.4 KM				FREE DEPTH SOLUTION
			HIKO							
12	ALA	E(P)	07 32 17.0				53	179	-.5	
12	NYM	EPGD	07 32 19.2				98	237	-5.6	
		ES	07 32 26.9						-9.8	
12	CPX	E(P)	07 32 29.3				120	224	1.1	
12	MCV	E(P)	07 32 32.5				143	213	.5	
12	LSM	E(P)	07 32 33.4				149	224	.6	
12	SMN	E(P)	07 32 34.0				159	247	-.2	
12	LEE	E(P)	07 32 34.5				163	108	-.1	
12	ELY	E(P)	07 32 34.6				159	7	.6	
.....										
12	NEL	E(P)	12 31 53.7							
		E(S)	12 32 41.5							
12	DAC	E(P)	12 32 3.2							
12	MCV	E(P)	12 32 4.3							
12	LSM	E(P)	12 32 5.6							
12	LEE	E(P)	12 32 19.8							
.....										
13	16 22	34.71	37.33 N	117.45 W	DEPTH =	20.0 KM				FIXED DEPTH SOLUTION
			MT. JACKSON							
13	SMN	IP	16 22 44.6				64	109	-1.0	
13	NYC	EP	16 22 52.9				116	99	-.9	
13	LSM	EP	16 22 54.9				123	122	-.0	
		E(S)	16 23 10.0						.3	
13	CPX	E(P)	16 22 55.6				131	109	-.4	
13	NYM	IP	16 22 58.4				124	95	3.3	
13	MCV	IP	16 22 59.5				150	121	.8	
.....										
14	TPH	EP C	04 23 20.5							
		ES	04 23 38.8							
14	SMN	E(P)	04 23 30.7							
		E	04 23 32.2							
14	LSM	E(P)	04 23 38.6							
.....										
14	10 6	9.75	37.77 N	115.11 W	DEPTH =	0.0 KM				FIXED DEPTH SOLUTION
			HIKO							
14	ALA	IP C	10 06 17.4				59	191	-1.8	
14	CPX	E(P)	10 06 31.2				126	222	1.1	
14	ELY	E(P)	10 06 34.2				153	7	-.2	
		ES	10 06 53.2						.8	
14	MCV	E(P)	10 06 34.4				149	212	.5	
14	LSM	E(P)	10 06 35.4				155	222	.6	
14	SMN	E(P)	10 06 35.7				163	245	-.5	
14	LEE	EP	10 06 36.1				164	110	-.1	
14	TPH	E(P)	10 06 39.3				189	281	-1.0	
14	NEL	E(P)	10 06 46.5				230	174	.5	
.....										
14	DAC	E(P)	23 54 5.7							
		I	23 54 11.7							
		ES	23 54 30.8							
14	MCV	E(P)	23 54 12.7							
14	LSM	E(P)	23 54 13.5							
14	SMN	E(P)	23 54 17.6							

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	20 51	57.80	36.99 N	115.98 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION		
MERCURY										
15	CPX	IP C	20 52	.3			9	226	-.3	10208
15	MCV	E(P)	20 52	4.6			40	183	-.0	
15	LSM	E(P)	20 52	4.9			38	223	.4	
		IS	20 52	8.9					-.3	
.....										
16	11 58	53.27	37.73 N	118.98 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION		
GLASS MTN.										
16	TPH	IP C	11 59	19.2			159	76	.4	
16	SMN	EP	11 59	24.6			206	108	-.5	
16	JAC	EP	11 59	24.7			204	142	.1	
		IS	11 59	47.9					.3	
16	LSM	EPN	11 59	32.0			264	114	-.4	10808
		IPG	11 59	35.1						
16	MCV	E(P)	11 59	36.1			291	114	.2	
.....										
19	2 0	33.30	35.94 N	115.21 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION		
GOODSPRINGS										
19	NEL	EP	02 00	40.7			42	128	.3	
19	MCV	E(P)	02 00	52.2			105	317	1.8	
19	LSM	IP C	02 00	54.5			130	313	.0	
		E(S)	02 01	17.6					7.6	
19	BTY	EP	02 00	57.4			175	307	-3.5	
19	LEE	E(P)	02 01	6.3			219	49	-.3	
.....										
19	15 43	58.50	36.96 N	115.88 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION		
MERCURY										
19	CPX	IP C	15 44	.7			16	261	-.8	
19	LSM	EP	15 44	4.7			43	236	-.8	
19	MCV	E(P)	15 44	4.8			37	197	.1	
		E(S)	15 44	9.8					.6	
19	BTY	E(P)	15 44	12.0			80	265	.6	
19	SMN	E(P)	15 44	12.4			82	285	.5	
.....										
21	22 36	37.18	36.71 N	115.32 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION		
HAYFORD PEAK										
21	MCV	E(P)	22 36	46.7			.61	262	-.4	
21	NYJ	EP	22 36	47.8			67	300	-.3	
21	LSM	E(P)	22 36	51.3			85	272	.4	10808
		ES	22 37	.9					-.1	
21	BTY	E(P)	22 36	58.6			130	279	.3	
21	SMN	EP	22 36	59.7			137	291	.2	
.....										
21	23 15	22.55	36.62 N	113.90 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION		
CANE SPRINGS										
21	NEL	EP C	23 15	43.6			132	220	.0	
		E(S)	23 15	59.3					.3	
21	MCV	EP	23 15	48.4			188	271	-2.4	
21	CPX	E(P)	23 15	51.8			195	281	-.0	10208
21	LSM	E(P)	23 15	53.3			212	274	-.7	
21	BTY	E(P)	23 16	.6			257	277	.8	

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	SMN	E(P)	23 16 1.8				262	284	1.3	
22	0 40 29.57		36.78 N 115.40 W				DEPTH = 1.0 KM			FREE DEPTH SOLUTION
			HAYFORD PEAK							
22	MCV	E(P)	00 40 37.8				56	253	-.8	
22	NYJ	E(P)	00 40 38.5				57	296	-.3	
22	CPX	E(P)	00 40 39.3				61	286	-.0	
22	LSM	E(P)	00 40 42.4				78	267	.3	1080B
	ES		00 40 51.7						.4	
22	BTY	E(P)	00 40 49.5				122	276	.1	
22	NEL	E(P)	00 40 50.6				129	157	.1	
22	SMN	EP	00 40 50.7				128	289	.3	
22	2 57 14.72		37.54 N 118.87 W				DEPTH = 10.0 KM			FIXED DEPTH SOLUTION
			GLASS MTN.							
22	TPH	IP	02 57 39.8				156	67	-.2	
22	SMN	IP C	02 57 44.5				191	103	-.6	
22	DAC	EP	02 57 45.0				181	141	1.4	
22	BTY	IP C	02 57 46.2				200	111	.0	WHITEOUT
22	NYC	IP C	02 57 51.0				244	99	-.9	
22	LSM	IPNC	02 57 52.2				247	110	.0	840B
	IP*		02 57 54.2							
	E(S)		02 58 21.1						1.5	
22	CPX	IPNC	02 57 53.0				258	104	-.6	780B
	IPG		02 57 57.5							
	ES		02 58 23.8						1.7	
22	NYJ	IP	02 57 53.5				263	102	-.8	
22	MCV	IPNC	02 57 55.7				274	111	.1	780B
	IPG		02 57 59.1							
	ES		02 58 28.8						3.2	
22	ALA	IP C	02 58 2.3				334	95	-1.0	
22	SMN	IP	02 58 7.3				352	23	1.8	
22	ELY	EPN	02 58 10.2				390	62	-.1	
	EPG		02 58 16.7							
22	NEL	E(P)	02 58 13.2				413	119	-.3	
22	23 11 51.60		36.75 N 115.40 W				DEPTH = 0.0 KM			FIXED DEPTH SOLUTION
			HAYFORD PEAK							
22	MOV	E(P)	23 11 59.8				55	257	-.7	
22	NYJ	EP	23 12 .9				59	300	-.3	
	IS		23 12 8.1						-.2	
22	CPX	E(P)	23 12 1.4				62	290	-.2	
22	LSM	E(P)	23 12 4.6				73	270	.4	1080B
22	BTY	E(P)	23 12 12.1				123	273	.6	
22	SMN	E(P)	23 12 13.0				130	290	.3	
23	JAC	IPGD	00 02 55.5							180B
	IP*		00 02 56.2							
	ESG		00 03 4.2							
23	BTY	EP	00 03 8.5							
	IS		00 03 26.8							
23	LSM	E(P)	00 03 9.7							
23	MCV	E(P)	00 03 11.1							
23	SMN	E(P)	00 03 11.8							
23	CPX	E(P)	00 03 13.7							
23	NEL	EP	00 03 19.0							

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
-------------	-----	-------	---------------	-------------	--------------	-----	--------------	--------------	--------------	---------

23	11 29 19.43	37.81 N 113.00 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION						
CEDAR CITY										
23	LEE	EPGU	11 29 31.7				72	208	.0	
		ES	11 29 40.5						-.2	
23	ALA	IP	11 29 50.8				197	252	1.8	
23	ELY	E(P)	11 29 51.8				221	312	-.1	
23	NYJ	EP	11 29 59.1				278	252	-.3	
		ES	11 30 39.2						10.4	
23	NYC	E(P)	11 30 .4				288	256	-.4	
23	NEL	E(P)	11 30 .4				286	216	.0	
23	LSM	E(P)	11 30 3.5				314	249	-.4	

24	10 59 7.15	37.25 N 115.90 W	DEPTH = 1.0 KM	FREE DEPTH SOLUTION						
GROOM LAKE										
24	NYC	IP D	10 59 10.9				25	246	-.3	
		ES	10 59 14.1						-.1	
24	NYJ	IP D	10 59 11.3				27	195	-.3	
24	CPX	IP C	10 59 12.9				38	202	-.2	102DB
24	LSM	E(P)	10 59 18.5				65	211	.8	
24	SMN	EP	10 59 20.0				78	262	.2	
24	BTY	IP C	10 59 21.1				87	243	-.1	102DB

24	13 30 54.41	36.75 N 115.46 W	DEPTH = 14.8 KM	FREE DEPTH SOLUTION						
HAYFORD PEAK										
24	MCV	IP D	13 31 2.1				50	255	-.6	84DB
24	NYJ	IP	13 31 3.2				54	302	-.3	
24	CPX	IP C	13 31 3.7				57	291	-.1	78DB
24	NYR	IP	13 31 4.8				65	301	-.5	
24	ALA	IP D	13 31 5.1				63	30	.3	
24	LSM	IP	13 31 6.3				72	269	.0	78DB
		IS	13 31 16.3						1.3	
24	NYC	IP	13 31 6.6				76	306	-.4	
24	LVN	E(P)	13 31 7.2				77	158	.1	
24	BTY	IP D	13 31 13.8				117	277	.3	
24	NEL	IP	13 31 15.1				128	154	-.2	
24	SMN	IP D	13 31 15.6				124	291	.9	
24	LEE	IP	13 31 24.7				193	73	.2	
24	JAC	EP	13 31 25.1				198	255	.1	
24	ELY	EP	13 31 34.7				269	11	.6	
24	SMN	EP	13 31 54.7				437	340	-1.0	

25	BMN	IP D	06 29 54.2							12DB
		ES	06 30 10.2							
25	TPH	EP	06 29 57.9							
25	ELY	E(P)	06 30 1.7							
25	DAC	IP C	19 06 19.1							
25	BTY	E(P)	19 06 36.9							
		E(S)	19 06 53.4							
25	SMN	EP	19 06 39.0							

26	14 56 22.76	36.11 N 117.94 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION						
DARWIN										
26	DAC	IP D	14 56 28.1				37	59	-.5	
26	BTY	EP C	14 56 44.8				136	50	-.0	
		ES	14 57 1.0						.0	
26	SMN	EP C	14 56 48.3				156	42	.1	
26	LSM	EP C	14 56 49.9				166	64	.3	

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	LEE	IP D	01 00 52.0							CLIPPED
		ES	01 00 59.5							
27	ALA	EP	01 01 3.2							
27	NEL	E(P)	01 01 5.5							
27	NYJ	E(P)	01 01 13.7							
27	LSM	E(P)	01 01 14.5							
27	NYR	E(P)	01 01 15.6							
.....										
27	8 45	12.67	36.04 N	117.96 W	DEPTH =	10.0 KM				FIXED DEPTH SOLUTION
			DARWIN							
27	JAC	EP C	08 45 19.4				43	51	-.2	
27	BTY	E(P)	08 45 35.0				143	48	-.8	
27	SMN	EP	08 45 39.9				163	41	.7	
27	LSM	EP	08 45 40.7				170	62	.4	
		ES	08 46 .6						.1	
.....										
28	JAC	IP D	01 29 1.7							TELE
28	BTY	IP D	01 29 6.5							
28	TPH	IP D	01 29 7.1							
28	LSM	IP D	01 29 8.1							
28	CPX	IP D	01 29 8.9							
28	NEL	EP D	01 29 10.6							
28	SMN	EP D	01 29 11.9							
28	ALA	IP D	01 29 13.0							
28	ELY	IP D	01 29 16.8							
28	LEE	EP D	01 29 18.6							
.....										
28	15 26	51.23	37.23 N	117.33 W	DEPTH =	15.0 KM				FREE DEPTH SOLUTION
			MT. JACKSON							
28	SMN	EP	15 26 59.9				51	100	-.0	
		ES	15 27 18.8						12.5	
28	BTY	EP	15 27 1.7				63	127	-.0	10208
28	LSM	EP	15 27 9.0				109	120	-.0	10808
		E(S)	15 27 35.9						13.9	
.....										
28	17 0	20.64	34.33 N	116.14 W	DEPTH =	0.0 KM				FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE
										SOUTHERN NEVADA REGION
28	NEL	IPND	17 00 51.9				194	37	-.2	
		EPG	17 00 55.3							
28	JAC	EP	17 01 0.0				254	329	.1	
28	MCV	IPND	17 01 .4				257	3	.1	10208
		IPG	17 01 5.6							
28	LSM	IPND	17 01 1.8				268	357	-.0	10808
		EPG	17 01 7.6							
28	SMN	EPN	17 01 7.8				319	350	-.5	3608
		EPG	17 01 15.2							
28	ALA	IP D	17 01 11.3				337	16	.7	
		IPG	17 01 20.0							
28	LEE	IP D	17 01 19.7				409	37	-.2	
.....										
29	8 20	.86	36.18 N	118.42 W	DEPTH =	0.0 KM				FIXED DEPTH SOLUTION
			KERN PEAK							
29	JAC	EP C	08 20 12.8				75	81	-.1	1808
29	BTY	EP C	08 20 28.6				167	62	.6	
29	SMN	E(P)	08 20 30.3				183	54	-.3	
29	LSM	EP	08 20 33.7				202	71	.2	
		ES	08 20 57.3						-.2	
29	NYC	E(P)	08 20 36.9				230	61	-.3	
.....										

SEISMOLOGICAL BULLETIN

JAN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	NEL	IP D	10 12 58.6							
29	DAC	EP D	10 13 4.8							
29	MCV	IPND	10 13 7.1							
		IPG	10 13 14.1							
29	LSM	IP D	10 13 8.3							
29	BTY	EP	10 13 10.7							
		ES	10 13 58.0							
29	NYC	EP D	10 13 14.1							
29	SMN	EP D	10 13 14.2							
29	ALA	EP	10 13 18.0							
29	DAC	IP C	16 07 21.4							1808
29	BTY	E(P)	16 07 37.1							
		E	16 07 55.4							
29	SMN	E(P)	16 07 38.8							
29	LSM	E(P)	16 07 39.4							

.....

30	18 17 57.75	37.21 N 116.60 W	DEPTH = 0.0 KM	FREE DEPTH SOLUTION
THIRSTY CANYON				
.				
.				
30	BTY	IPGC	18 18 3.9	39 202 -.1
30	NYJ	EP	18 18 7.0	60 112 -.5
30	CPX	E(P)	18 18 7.1	58 122 .1
30	LSM	EP	18 18 7.4	60 151 -.0
30	MCV	E(P)	18 18 11.6	84 140 .4
30	TPH	IP C	18 18 15.6	111 330 .0
		IS	18 18 34.1	5.5
30	ALA	EP	18 18 19.2	132 88 .1

.....

31	DAC	IP D	01 55 38.7		
31	NEL	EP D	01 55 40.2		
31	MCV	IP D	01 55 44.2		
31	LSM	IP D	01 55 44.7		
31	BTY	EPND	01 55 46.1		
		EPG	01 55 51.5		
		ES	01 56 27.1		
31	NYR	E(P)	01 55 49.5		
31	ALA	IP	01 55 56.6		
31	BMN	IP D	01 56 7.7		

WHITEOUT

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
-------------	-----	-------	---------------	-------------	--------------	-----	--------------	--------------	--------------	---------

01	NEL	EP C	00 00 25.1							
		ES	00 00 43.0							
01	LEE	E(P)	00 00 39.2							
01	MCV	EP	00 00 44.3							
01	CPX	E(P)	00 00 53.1							

01	13 49 5.93	36.92 N	115.97 W	DEPTH = 3.4 KM	FREE DEPTH SOLUTION
MERCURY					
01	CPX	IP C	13 49 7.2	8 280	-.0
01	NYJ	IP C	13 49 7.7	10 355	.1
01	NYR	EP	13 49 9.0	19 323	-.1
01	MCV	E(P)	13 49 11.3	32 186	-.0
01	LSM	EP	13 49 11.4	34 234	.0
		ES	13 49 15.4		.1

03	SHN	EP	12 01 51.7		
03	NYJ	EP	12 01 52.0		
03	CPX	E(P)	12 01 52.5		
03	LSM	E(P)	12 01 55.5		
		ES	12 02 5.4		

04	TPH	EP C	15 52 11.9		
		E(S)	15 52 30.1		
04	NYC	E(P)	15 52 23.4		
04	LSM	IPNC	15 52 24.4		
		IPG	15 52 26.4		
04	NYR	EP	15 52 26.5		

06	6 35 40.84	36.93 N	115.98 W	DEPTH = 5.7 KM	FREE DEPTH SOLUTION
MERCURY					
06	CPX	EP C	06 35 42.0	7 277	-.2
06	NYJ	EP	06 35 42.4	9 2	-.2
		IS	06 35 44.3		.4
06	NYC	EP	06 35 45.3	30 328	-.0
06	LSM	E(P)	06 35 46.4	33 232	.2

07	DAC	EP	19 58 41.8		
		ES	19 59 1.5		
07	BTY	EP	19 58 53.5		
07	LSM	E(P)	19 58 54.1		

08	DAC	E(P)	00 30 51.0		
		ES	00 31 18.8		
08	TPH	E(P)	00 30 55.0		
08	LSM	E(P)	00 31 1.7		

08	DAC	EPN	02 49 45.7		
		EPG	02 49 48.4		
08	BTY	EP	02 49 57.3		
08	LSM	EPN	02 49 59.1		
		EPG	02 50 7.2		
		E(S)	02 50 45.2		

08	NEL	E(P)	02 50 2.4		
08	NYC	EP	02 50 4.6		
08	NYM	EP	02 50 6.1		
08	ALA	E(P)	02 50 14.5		

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	7 51	41.71	36.69 N	116.34 W	DEPTH =	6.8 KM	FREE DEPTH SOLUTION			
LATHROP WELLS										
08	LSM	IP D	07 51 43.3				9	48	-.1	
08	MCV	IP C	07 51 46.5				31	101	-.3	
		ES	07 51 51.0						.5	
08	CPX	IP D	07 51 47.9				38	43	.1	
08	STY	IP	07 51 48.9				44	300	.1	
08	NYJ	EP D	07 51 49.6				49	43	-.1	
08	NYC	EP C	07 51 50.7				55	19	.0	
.....										
.....										
08	11 17	42.53	36.59 N	116.60 W	DEPTH =	7.3 KM	FREE DEPTH SOLUTION			
CHLORIDE CLIFF										
08	LSM	IP D	11 17 48.0				34	60	.0	
		I(S)	11 17 49.7						-2.3	
08	MCV	IP C	11 17 51.2				54	84	.0	
08	NYJ	EP	11 17 54.4				73	50	.0	
.....										
09	TPH	IP C	02 25 16.9							
		ES	02 25 32.8							
09	NYM	EP	02 25 36.5							
09	NYC	EP	02 25 38.0							
.....										
10	23 47	12.06	35.94 N	115.51 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
CLARK MTN										
10	NEL	EP	23 47 22.7				65	112	.1	
10	MCV	E(P)	23 47 25.6				89	330	-.8	
10	LSM	EP	23 47 30.3				112	323	.1	
		ES	23 47 43.8						.4	
10	ALA	(EP)	23 47 36.1				149	14	-.1	
10	NYM	EP	23 47 37.2				152	342	.5	
.....										
11	BMN	E(P)	21 45 13.2							
		IPG	21 45 16.1							
		IS	21 45 44.8							
11	TPH	EP	21 45 27.1							
11	NYM	IP D	21 45 44.6							
11	LSM	IP D	21 45 47.9							
.....										
12	6 11	15.50	39.09 N	118.79 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
12	TPH	IP C	06 11 44.1				177	129	-.0	
		IS	06 12 5.0						-.1	
12	BMN	E(P)	06 11 47.3				200	42	-.1	
12	NYM	IP	06 12 1.5				317	130	-1.0	
		IS	06 12 22.2						-14.7	
12	LSM	E(P)	06 12 5.9				343	139	.2	
12	ALA	E(P)	06 12 18.0				382	121	7.3	
.....										
12	DAC	IP C	22 36 55.6							
		IS	22 37 8.8							
12	LSM	E(P)	22 37 13.2							
		IPG	22 37 16.8							
12	MCV	E(P)	22 37 14.9							
13	DAC	IP D	05 24 54.3							
		IS	05 24 57.3							
13	LSM	E(P)	05 25 15.5							

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	MCV	E(P)	05 25 19.2							
13	TPH	EP	05 25 27.2							
.....										
14	2 10	17.03	37.24 N	116.52 W	DEPTH =	5.5 KM				FREE DEPTH SOLUTION
			THIRSTY CANYON							
14	SMN	IP D	02 10 21.3				25	244	.2	
14	NYC	IP C	02 10 22.5				34	106	-.1	
14	NYS	IP	02 10 23.3				39	127	-.1	
14	NYM	EP	02 10 23.8				41	91	-.0	
14	BTY	EP	02 10 24.2				45	209	-.2	
		ES	02 10 29.5						-.3	
14	CPX	EP	02 10 25.8				54	130	.1	
14	NYJ	EP	02 10 25.9				55	118	-.1	
14	LSM	EP	02 10 26.9				60	158	.2	
		IS	02 10 34.0						.2	
.....										
14	12 5	52.06	36.86 N	116.27 W	DEPTH =	7.6 KM				FREE DEPTH SOLUTION
			LATHROP WELLS							
14	LSM	IP D	12 05 54.4				14	180	-.1	
14	CPX	IP D	12 05 55.4				21	68	-.1	
		IS	12 05 58.2						.2	
14	MCV	IP	12 05 57.9				35	136	.1	
14	BTY	EP C	12 05 59.2				44	273	-.0	
		ES	12 06 4.7						.2	
14	SMN	I(P)	12 06 .9				54	305	-.0	
.....										
16	DAC	IP C	04 28 12.8							
		IS	04 28 28.6							
16	LSM	E(P)	04 28 28.6							
16	MCV	E(P)	04 28 30.2							
16	NEL	EP	04 28 37.6							
.....										
17	0 35	24.56	37.17 N	117.57 W	DEPTH =	5.0 KM				FIXED DEPTH SOLUTION
			MAGRUDER MTN.							
17	BTY	IP C	00 35 37.1				78	114	-.1	
17	DAC	EP	00 35 40.6				100	181	-.0	
		ES	00 35 52.5						.1	
17	TPH	EP	00 35 41.5				105	17	.0	
17	LSM	EP	00 35 44.7				125	112	-.1	
17	NYR	E(P)	00 35 45.8				132	95	-.2	
17	CPX	E(P)	00 35 47.1				137	101	.3	
17	MCV	EP	00 35 49.4				152	113	.2	
.....										
17	7 55	32.66	37.17 N	117.56 W	DEPTH =	15.0 KM				FREE DEPTH SOLUTION
			MAGRUDER MTN.							
17	BTY	IP C	07 55 45.2				78	114	-.2	WHITEOUT
17	DAC	IP D	07 55 48.8				99	182	-.1	
17	TPH	IP D	07 55 49.9				105	17	.2	
17	LSM	IP C	07 55 53.1				124	112	.2	
17	NYR	EP	07 55 53.9				131	95	-.2	
		ES	07 56 11.8						2.0	
17	CPX	EP D	07 55 54.9				136	101	.1	
17	MCV	IP C	07 55 57.8				151	113	.5	
17	ALA	IP C	07 56 5.3				217	87	-.5	
.....										

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	11 57	46.69	37.18 N	117.54 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
17	BTY	EP	11 57 58.7				77	115	-.4	
		IS	11 58 8.1						-.0	
17	TPH	E(P)	11 58 3.3				103	16	-.0	
17	LSM	EP	11 58 6.7				123	113	.0	
17	MCV	EP	11 56 11.4				150	113	.4	
.....										
.....										
17	14 49	30.06	37.13 N	117.59 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
17	BTY	EP	14 49 42.4				78	111	-.3	
		IS	14 49 52.0						.0	
17	LSM	EP	14 49 50.3				125	110	-.0	
17	CPX	E(P)	14 49 52.4				138	99	.0	
17	MCV	EP	14 49 55.0				152	111	.3	
.....										
18	NEL	EP	01 29 51.1							
		ES	01 30 15.4							
18	LEE	EP	01 30 4.0							
18	LSM	EP	01 30 20.2							
18	DAC	E(P)	05 55 54.0							
18	TPH	E(P)	05 56 1.1							
18	BTY	E(P)	05 56 2.4							
18	LSM	E(P)	05 56 8.3							
		ES	05 56 20.2							
18	CPX	E(P)	05 56 11.2							
.....										
18	7 13	24.32	36.14 N	117.71 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION			
DARWIN										
18	DAC	IP D	07 13 27.8				19	33	-.3	
18	BTY	EP	07 13 43.9				118	45	.3	
18	LSM	IP D	07 13 48.0				145	62	.1	
		ES	07 14 5.0						-.2	
.....										
18	13 3	35.67	37.15 N	116.28 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
SILENT CANYON										
18	NYR	IP C	13 03 38.7				19	122	-.1	
18	CPX	EP	13 03 40.6				31	141	.0	
18	LSM	E(P)	13 03 42.7				46	180	-.3	
18	BTY	E(P)	13 03 44.5				53	236	.4	
		E(S)	13 03 50.0						-.3	
18	MCV	EP	13 03 45.9				62	157	.2	
18	TPH	E(P)	13 03 57.0				133	321	-.1	
.....										
19	10 59	1.16	36.91 N	115.97 W	DEPTH =	5.9 KM	FREE DEPTH SOLUTION			
MERCURY										
19	CPX	IP D	10 59 2.5				8	289	-.2	
19	NYJ	IP D	10 59 3.0				11	356	-.2	
19	MCV	E(P)	10 59 5.7				31	186	-.4	
19	LSM	IP D	10 59 6.2				33	235	-.3	
19	NYC	IP C	10 59 6.3				32	329	-.2	
19	NYM	IP C	10 59 7.0				37	348	-.2	
19	BTY	E(P)	10 59 13.5				71	268	.8	
		ES	10 59 21.7						.6	

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 19	ALA	IP	10 59 15.8				84	64	1.0	
. 19	ELY	E(P)	10 59 40.8				265	21	-0.4	
.....										
. 21	13 40 20.64	38.58 N 115.74 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION					
PORTUGUESE MTN										
. 21	ELY	EP	13 40 35.7				96	50	-0.3	
		IS	13 40 46.9						-0.4	
. 21	TPH	E(P)	13 40 44.2				141	247	-0.8	
. 21	NYM	E(P)	13 40 45.0				153	190	-0.5	
. 21	ALA	IP	13 40 46.4				159	159	0.0	
. 21	LSM	E(P)	13 40 52.8				210	193	-1.6	
. 21	LEE	E(P)	13 41 2.5				256	125	2.3	
.....										
21	LEE	EP	23 34 39.6							
		IS	23 34 58.3							
21	ELY	E(P)	23 34 48.6							
21	ALA	EP	23 34 54.0							
21	NEL	E(P)	23 35 12.5							
21	TPH	E(P)	23 35 20.0							
.....										
. 22	2 33 56.89	36.49 N 115.62 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION					
CHARLESTON PEAK										
. 22	MCV	IP C	02 34 2.9				38	295	-0.1	
		ES	02 34 7.5						0.0	
. 22	LSM	EP C	02 34 7.5				65	296	0.1	
. 22	NYJ	EP	02 34 7.7				66	331	0.0	
.....										
. 22	5 5 4.44	36.95 N 115.92 W	DEPTH =	12.8 KM	FREE DEPTH SOLUTION					
MERCURY										
. 22	NYJ	EP C	05 05 6.9				8	322	0.0	
		E(S)	05 05 8.7						0.0	
. 22	CPX	IP C	05 05 7.2				12	260	0.0	
. 22	NYR	E(P)	05 05 8.2				19	307	0.0	
.....										
22	DAC	E(P)	05 28 1.9							
		E(S)	05 28 40.4							
22	TPH	E(P)	05 28 10.8							
22	LSM	E(P)	05 28 14.6							
.....										
22	DAC	E(P)	05 42 45.2							
		E(S)	05 43 24.7							
22	TPH	E(P)	05 42 55.4							
22	LSM	E(P)	05 42 59.9							
.....										
. 22	8 43 10.27	37.38 N 114.22 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION					
TULE DESERT										
. 22	LEE	E(P)	08 43 22.8				77	101	-0.0	
		ES	08 43 32.1						0.1	
. 22	NYJ	EP	08 43 36.3				161	256	0.0	
. 22	MCV	E(P)	08 43 38.4				179	243	-0.0	
.....										
22	DAC	E(P)	15 44 58.5							
		E(S)	15 45 39.9							
22	LSM	E(P)	15 45 11.4							
22	TPH	E(P)	15 45 13.8							

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
23	15 48	53.26	40.86 N	118.31 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
							EARTHQUAKE NOT IN THE			
							SOUTHERN NEVADA REGION			
23	BMN	IP C	15 49 10.1				104	117	.0	
23	TPH	IP D	15 49 41.5				324	163	1.0	
		IPG	15 49 46.5							
23	ELY	IPND	15 49 43.2				350	122	-.5	
		IPG	15 49 48.6							
23	NYM	IPND	15 49 56.1				449	153	-.6	
		IPG	15 50 5.8							
23	NYC	EPN	15 49 57.0				453	155	-.2	
		EPG	15 50 6.8							
23	NYR	EPN	15 49 58.5				465	155	-.3	
		IPG	15 50 10.0							
		I(S)	15 50 57.1						10.3	
23	BTY	EPNC	15 49 58.6				463	163	.2	I(S)155055.0
		EPG	15 50 8.7							
		I	15 50 10.9							
23	CPX	EPN	15 50 .2				479	155	-.2	
		E(S)	15 50 59.8						10.1	
23	LSM	IPNC	15 50 2.0				492	158	-.1	
23	ALA	EPN	15 50 2.8				489	144	1.1	
		IPG	15 50 13.1							
		ES	15 50 59.5						7.7	
23	MCV	IPNC	15 50 4.5				512	156	-.1	
		IPG	15 50 17.5							
23	LEE	EPN	15 50 15.1				587	132	.8	
23	NEL	EPN	15 50 21.2				649	151	-1.0	
.....										
23	NEL	E(P)	23 41 21.2							
		I	23 41 22.0							
		ES	23 41 39.0							
23	LEE	E(P)	23 41 37.4							
23	LSM	E(P)	23 41 47.1							
24	NYM	IP D	06 32 44.4							
24	CPX	EP D	06 32 45.9							
		E(S)	06 32 53.4							
24	NYR	E(P)	06 32 46.4							
24	DAC	E(P)	15 57 2.1							
		E(S)	15 57 38.5							
24	TPH	E(P)	15 57 13.9							
24	SMN	E(P)	15 57 14.0							
24	LSM	E(P)	15 57 18.3							
24	ALA	E(P)	15 57 40.1							
		I	15 58 7.8							
24	BMN	EP	15 58 8.1							
.....										
24	15 57	24.82	37.01 N	117.91 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
							MAGRUDE MTN.			
24	DAC	EP	15 57 38.5				87	161	-.3	
24	TPH	EPN	15 57 45.2				133	27	-1.0	
		EPG	15 57 48.7							
24	LSM	EP	15 57 48.0				149	101	-.9	
24	LVN	E(P)	15 58 9.4				267	111	3.5	ELG)1559490
		E(S)	15 59 22.0						46.0	
24	NEL	EP	15 58 11.0				311	117	-.4	
24	ELY	EP	15 58 18.4				354	47	1.5	
.....										
24	DAC	E(P)	18 03 41.2							
24	TPH	E(P)	18 03 50.2							
24	LSM	E(P)	18 03 51.5							
		E(S)	18 04 39.7							

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	DAC	EPN	20 22 38.5							
24	TPH	EPN	20 22 45.3							E(PG 55.7
		E(S)	20 23 40.0							
24	SMN	EPN	20 22 46.5							
24	BTY	EPN	20 22 46.5							
24	LSM	EPN	20 22 50.9							
		EPG)	20 23 2.8							
24	BMN	EPG	20 23 6.9							
25	BMN	IP C	00 21 20.2							
		E(S)	00 21 43.4							
25	NYM	IP C	00 21 28.3							
25	LSM	EP	00 21 32.7							
.....										
25	13 52	31.33	37.30 N 115.97 W	DEPTH =	16.6 KM					FREE DEPTH SOLUTION
			GROOM LAKE							
25	NYM	EP	13 52 34.5			10	225		.0	
25	NYC	E(P)	13 52 35.9			23	226		.0	
25	NYJ	IP C	13 52 37.2			32	181		-.0	
		IS	13 52 41.5						-.0	
.....										
25	19 6	50.55	34.23 N 118.51 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE
										SOUTHERN NEVADA REGION
25	DAC	EPN	19 07 23.6			243	20		.2	564
		IPG)	19 07 31.8							
		E(S)	19 07 56.2						.0	
25	BTY	EPN	19 07 40.4			335	28		.1	
		ELG	19 08 25.0							
25	LSM	EPN	19 07 41.2			345	35		-.4	
		IPG)	19 07 48.1							
25	MCV	EPN	19 07 42.4			351	40		.1	
25	SMN	EPN	19 07 43.5			361	25		-.2	
25	NEL	EPN	19 07 45.2			373	63		.1	
		EPG)	19 07 54.8							
.....										
25	22 2	37.05	37.28 N 115.86 W	DEPTH =	10.0 KM					FIXED DEPTH SOLUTION
			GROOM LAKE							
25	NYM	IP	22 02 39.9			18	252		-.5	
25	NYC	EP	22 02 41.8			30	242		-.3	
25	NYJ	IP U	22 02 42.2			32	198		-.3	
25	CPX	IP C	22 02 43.8			43	204		-.2	
25	LSM	E(P)	22 02 49.1			71	211		.6	
25	MCV	EP C	22 02 49.3			73	190		.3	
25	SMN	IP	22 02 50.9			82	259		.5	
		ES	22 03 .7						.4	
25	BTY	IP C	22 02 52.0			92	241		.0	
		ES	22 03 2.5						-.4	
.....										
26	0 6	43.64	37.26 N 117.57 W	DEPTH =	15.0 KM					FIXED DEPTH SOLUTION
			MAGRUDER MTN.							
26	SMN	EP	00 06 55.6			72	100		.0	
26	BTY	EP	00 06 56.9			82	120		-.2	
		IS	00 07 7.3						.3	
26	LSM	E(P)	00 07 4.1			129	116		-.5	
26	MCV	LP	00 07 9.4			156	116		.6	
.....										

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	DAC	E(P)	01 13 26.0							
26	LSM	E(P)	01 13 35.4							
		EPG	01 13 42.6							
		ES	01 14 22.6							
26	MCV	E(P)	01 13 37.7							
26	NYM	EP	01 13 42.9							
.....										
26	4 19 14.13	38.30 N 117.18 W	DEPTH = 15.0 KM	FIXED DEPTH SOLUTION						
TONOPAH										
26	SMN	EP	04 19 35.5				134	164	-.5	
		ES	04 19 52.4						-.4	
26	NYC	IP C	04 19 38.4				156	144	-1.1	
26	UTY	E(P)	04 19 39.9				162	167	-.2	
26	CPX	E(P)	04 19 43.4				182	146	.7	
26	LSM	E(P)	04 19 45.0				191	155	1.1	
		ES	04 20 5.4						-.3	
.....										
26	5 45 49.24	36.34 N 116.49 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION						
ASH MEADOWS										
26	LSM	IP D	05 45 58.0				49	24	-.0	
		ES	05 46 1.4						-3.0	
26	MCV	EP D	05 45 58.9				55	53	-.0	
26	CPX	E(P)	05 46 2.2				77	30	-.0	
.....										
26	23 27 9.17	36.84 N 115.83 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION						
MERCURY										
26	MCV	IP D	23 27 14.9				28	215	-.2	
26	CPX	IP C	23 27 15.9				23	297	1.3	
26	LSM	IP C	23 27 16.3				41	255	-.6	
26	NYM	EP D	23 27 17.2				48	335	-.8	
26	BTY	E(P)	23 27 24.2				84	274	.9	
		ES	23 27 33.0						-.7	
.....										
27	DAC	EP	07 20 .4							
		ES	07 20 7.2							
27	BTY	E(P)	07 20 17.0							
27	LSM	E(P)	07 20 19.8							
.....										
27	14 3 5.36	36.74 N 115.99 W	DEPTH = 14.3 KM	FREE DEPTH SOLUTION						
MERCURY										
27	MCV	EP	14 03 3.3				12	186	.0	
27	CPX	EP	14 03 9.5				22	344	-.0	
27	LSM	EP	14 03 10.0				26	269	-.0	
		IS	14 03 13.4						-.0	
.....										
27	22 13 42.53	36.63 N 118.18 W	DEPTH = 20.6 KM	FREE DEPTH SOLUTION						
MT. WHITNEY										
27	DAC	E(P)	22 13 53.6				66	126	.0	WHITEOUT.
27	BTY	EPN	22 14 3.6				129	77	-.0	
		EPG	22 14 12.5							
27	LSM	E(P)	22 14 8.8				171	85	-.3	
27	MCV	E(P)	22 14 12.3				195	89	.1	
27	CPX	E(P)	22 14 12.5				193	79	.6	
27	ALA	EP	22 14 23.0				281	75	-.3	
.....										

SEISMOLOGICAL BULLETIN

FEB 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	DAC	IP C	13 49 1.6							
		ES	13 49 8.8							
28	BTY	EP	13 49 9.3							
28	LSM	EP	13 49 10.6							
28	MCV	EP	13 49 12.1							
		ES	13 49 27.3							
28	SMN	EP	13 49 13.9							
28	NYM	EP	13 49 18.7							

.....										
28	23 17 42.26	36.41 N	114.73 W	DEPTH =	12.0 KM	FREE DEPTH SOLUTION				
HOOVER DAM										
28	NEL	IP C	23 17 55.1			79	188		.0	
		ES	23 18 10.8						6.3	
28	MCV	EP	23 18 .7			116	282		-.5	
28	NYJ	EP	23 18 3.4			129	301		-.0	
28	CPX	EP	23 18 3.6			132	296		-.1	
28	LSM	E(P)	23 18 6.0			143	285		.6	
28	BTY	EP	23 18 12.1			189	287		-.0	
.....										

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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01	11 40 19.57	36.62 N 119.37 W	DEPTH = 20.0 KM	FIXED DEPTH SOLUTION						
Earthquake Not in The Southern Nevada Region										
01	DAC	E(P)	11 40 45.3				163	103	.0	
01	BTY	E(P)	11 40 54.9				234	82	.6	
01	SMN	E(P)	11 40 54.9				239	75	-.2	
01	LSM	E(P)	11 40 59.5				277	86	-.3	
01	NYC	E(P)	11 41 1.9				292	77	-.0	
		E(S)	11 42 7.4						34.5	
01	MCV	E(P)	11 41 2.8				301	89	-.1	

01	DAC	E(P)	12 45 31.2							
		ES	12 46 14.5							
01	BTY	E(P)	12 45 42.3							
01	SMN	E(P)	12 45 43.9							
01	LSM	EP	12 45 47.2							
01	NYC	EP	12 45 50.3							

01	DAC	E(P)	16 13 13.1							
		E(S)	16 13 57.9							
01	BTY	E(P)	16 13 20.9							
01	SMN	E(P)	16 13 21.5							
01	LSM	E(P)	16 13 25.9							

01	LEE	E(P)	22 30 13.2							
01	ELY	E(P)	22 30 41.0							
		ES	22 31 7.6							
01	NEL	E(P)	22 30 47.1							
01	BTY	E(P)	22 30 51.4							

02	7 16 59.80	37.85 N 115.69 W	DEPTH = 0.0 KM	FREE DEPTH SOLUTION						
WORTHINGTON PEAK										
02	NYM	EP	07 17 11.3				76	205	-.9	
02	SMN	E(P)	07 17 19.2				124	231	-.7	
02	TPH	EP	07 17 22.2				137	281	.3	
02	LSM	E(P)	07 17 22.3				134	203	.8	
		ES	07 17 37.8						.4	
02	BTY	E(P)	07 17 23.3				144	222	.2	

02	10 18 26.62	36.74 N 116.02 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION						
LATHROP WELLS										
02	MCV	IP C	10 18 28.5				12	172	-.1	
		IS	10 18 30.2						.2	
02	CPX	EP C	10 18 29.8				22	351	-.3	
02	LSM	EP	10 18 30.3				23	270	.0	
02	NYM	E(P)	10 18 35.9				55	357	.3	

02	10 47 49.71	36.74 N 115.98 W	DEPTH = 12.1 KM	FREE DEPTH SOLUTION						
MERCURY										
02	MCV	IP C	10 47 52.3				11	190	-.0	
		IS	10 47 54.2						-.0	
02	CPX	E(P)	10 47 53.8				23	342	-.0	
02	LSM	E(P)	10 47 54.3				26	271	-.0	

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
02	10 53	38.50	36.04 N	117.43 W	DEPTH =	8.7 KM				FREE DEPTH SOLUTION
PANAMINT BUTTE										
02	DAC	IP C	10 53 43.2				30	331	-.2	
		IS	10 53 47.3						.3	
02	BTY	EP	10 53 56.4				111	32	-.1	
02	LSM	IP C	10 53 59.8				130	53	.3	
		ES	10 54 14.7						-.3	
02	SMN	EP	10 54 .8				136	26	.1	
.....										
02	NEL	IP C	19 05 6.7							
		E(S)	19 05 20.4							
02	LSM	EP	19 05 35.5							
02	BTY	E(P)	19 05 42.8							
02	DAC	EP	19 58 48.7							
		E(S)	19 59 8.0							
02	BTY	EP	19 59 0.0							
02	LSM	E(P)	19 59 4.6							
.....										
03	13 57	51.23	36.83 N	116.24 W	DEPTH =	5.0 KM				FIXED DEPTH SOLUTION
LATHROP WELLS										
03	LSM	IP	13 57 52.8				11	196	-.2	
		ES	13 57 54.5						.1	
03	MCV	E(P)	13 57 56.0				31	136	-.2	
		ES	13 58 .2						.4	
03	BTY	E(P)	13 57 59.0				47	277	.1	
.....										
04	1 55	23.77	35.83 N	117.80 W	DEPTH =	15.5 KM				FREE DEPTH SOLUTION
LITTLE LAKE										
04	DAC	IP D	01 55 32.7				54	21	.0	
		I	01 55 36.8							
04	BTY	E(P)	01 55 48.2				150	38	.0	
		IS	01 56 6.0						.0	
04	LSM	EP	01 55 50.8				171	53	-.1	
		I	01 56 2.4							
		IS	01 56 13.4						2.7	
04	CPX	E(P)	01 55 54.6				199	51	.1	
04	NYM	EP	01 55 57.4				221	45	-.1	
.....										
04	TPH	IP C	02 06 40.5							
		IS	02 06 51.2							
04	NYM	EP	02 06 56.8							
04	LSM	E(P)	02 06 58.2							
.....										
04	5 58	1.53	36.73 N	118.12 W	DEPTH =	16.9 KM				FREE DEPTH SOLUTION
MT. WHITNEY										
04	DAC	E(P)	05 58 12.9				69	137	-.0	
		ES	05 58 50.2						28.9	
04	SMN	E(P)	05 58 22.6				128	69	.0	
04	LSM	EP	05 58 27.8				164	89	.1	
04	TPH	E(P)	05 58 28.2				169	28	.0	
04	NYC	EP	05 58 29.7				181	74	-.2	
.....										

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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04	13 56 52.13	36.87 N 116.26 W	DEPTH = 8.2 KM	FREE DEPTH SOLUTION						
LATHROP WELLS										

04	LSM	EP C	13 56 54.5				14	183	-.2	
		IS	13 56 56.7						.2	
04	CPX	EP	13 56 55.5				20	68	.0	
04	MCV	EP	13 56 57.9				35	138	.1	
04	BTY	EP	13 56 59.5				45	273	.1	

04	NEL	E(P)	15 30 8.6							
04	DAC	E(P)	15 30 10.1							
04	MCV	E(P)	15 30 15.3							
04	LSM	EP	15 30 16.5							
		ES	15 31 11.4							
04	NYC	E(P)	15 30 22.2							

04	18 17 38.93	36.00 N 115.47 W	DEPTH = 0.0 KM	FREE DEPTH SOLUTION						
GOODSPRINGS										

04	NEL	EP C	18 17 49.0				65	119	-.3	
		ES	18 17 57.4						.4	
04	MCV	E(P)	18 17 52.1				85	326	-.6	
04	LSM	E(P)	18 17 56.5				110	319	-.1	
04	ALA	IP C	18 18 2.1				142	13	.2	
04	BTY	EP	18 18 4.3				153	311	.7	

06	BTY	E(P)	01 38 1.1							
06	MCV	E(P)	01 38 29.8							
06	CPX	EP	01 38 30.6							
		E(S)	01 38 39.8							
06	LSM	E(P)	01 38 33.6							
06	NYM	E(P)	01 38 33.6							
06	SHN	E(P)	01 38 42.1							

06	DAC	IP C	12 59 56.1							
		ES	13 00 9.3							
06	BTY	E(P)	13 00 12.7							
06	LSM	E(P)	13 00 13.5							
06	NYC	E(P)	13 00 18.9							

06	DAC	IP C	13 15 6.4							
		ES	13 15 19.6							
06	BTY	E(P)	13 15 22.0							
06	SHN	E(P)	13 15 23.4							
		IPG	13 15 26.7							
06	LSM	EPNC	13 15 23.8							
		IPG	13 15 27.5							
06	MCV	EP	13 15 25.4							
06	CPX	E(P)	13 15 27.1							
06	NYC	EP	13 15 28.9							
06	TPH	E(P)	13 15 37.4							

06	ELY	EP	13 34 23.7							
		I	13 34 34.7							
		I(S)	13 35 20.6							
06	BMN	E(P)	13 34 34.0							
06	LEE	E(P)	13 34 40.7							
06	ALA	E(P)	13 34 47.6							
06	TPH	E(P)	13 34 52.4							
06	LSM	E(P)	13 35 .2							
		E	13 35 5.6							

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
07	3	9	57.38	36.51 N	117.00 W	DEPTH = 17.9 KM	FREE DEPTH SOLUTION			
TIN MTN										
07	BTY	IP D	03 10 5.3				47	26	-.2	
07	DAC	EP C	03 10 7.2				59	245	-.0	
		ES	03 10 14.5						.0	
07	LSM	E(P)	03 10 9.2				70	68	.2	
07	SMN	E(P)	03 10 10.0				74	16	.2	
07	NYC	E(P)	03 10 14.4				104	46	-.2	
.....										
08	CPX	IP D	09 26 14.0							
08	NYJ	EP	09 26 14.5							
		IS	09 26 16.9							
08	LSM	EP	09 26 19.0							
09	MCV	E(P)	08 12 21.2							
09	BTY	E(P)	08 12 21.4							
09	NYJ	EP	08 12 21.9							
09	CPX	E(P)	08 12 22.5							
09	LSM	E(P)	08 12 25.1							
		E(S)	08 12 35.8							
09	NYM	E(P)	08 12 25.4							
09	DAC	IP D	10 55 48.7							MAY BE ELY
09	LEE	EP	10 55 52.2							
09	LSM	E(P)	10 56 8.8							
		E(S)	10 56 26.6							
09	LSM	E(P)	12 29 33.8							
		ES	12 29 43.7							
09	BTY	E(P)	12 29 35.7							
09	DAC	E(P)	12 29 39.1							
.....										
09	13	32	40.24	37.23 N	119.18 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION			
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
09	TPH	E(P)	13 33 12.0				197	61	.4	
		I	13 33 15.4							
09	SMN	E(P)	13 33 12.5				214	92	-1.6	
09	BTY	E(P)	13 33 13.8				218	99	-.6	
09	LSM	E(P)	13 33 20.4				264	101	.0	
		I	13 33 25.0							
		ES	13 33 50.0						.2	
09	NYC	EP	13 33 21.0				268	91	-.0	
		I	13 33 24.5							
09	MCV	E(P)	13 33 26.3				291	102	2.5	
.....										
09	17	28	45.17	37.38 N	118.56 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION			
BLACKCAP MTN.										
09	TPH	IP C	17 29 7.7				141	56	-.2	
09	DAC	EP	17 29 9.5				150	145	.1	
09	SMN	IP	17 29 10.3				161	99	-1.1	
09	BTY	IP C	17 29 11.7				169	109	-.8	
		IS	17 29 33.2						.7	
09	LSM	EP	17 29 17.7				216	109	-1.4	
09	NYC	IP	17 29 19.5				215	96	.5	
09	NYS	IP	17 29 19.6				216	100	.4	
09	NYR	IP	17 29 20.9				222	99	.9	
09	NYV	TP	17 29 22.0				230	97	1.0	
.....										
09	DAC	EP	17 44 46.2							
09	TPH	EP	17 44 52.2							

SEISMOLOGICAL BULLETIN

MAK 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
-------------	-----	-------	---------------	-------------	--------------	-----	--------------	--------------	--------------	---------

09	MCV	EP	17 44 53.4							
09	LSM	E(P)	17 44 54.0							
		ES	17 45 29.6							
09	BTY	EP	17 44 54.6							
09	NEL	EP C	18 46 13.0							
		E	18 46 29.0							
09	LEE	E(P)	18 46 20.2							
09	MCV	EP	18 46 32.5							
09	LSM	EPN	18 46 37.3							
		I	18 46 53.4							
		ESN	18 47 46.9							
09	BTY	E(P)	18 46 42.2							
09	DAC	EP	18 46 43.9							
		ELG	18 48 39.0							
09	DAC	EP	19 58 45.4							
		ES	19 59 4.7							
09	LSM	E(P)	19 59 1.2							
09	MCV	E(P)	19 59 1.4							

RELIABLE MINE
ARIZONA TWO KT.

.....										
10	3 43 13.41	37.19 N	116.31 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION				
SILENT CANYON										
.....										
10	NYC	IP D	03 43 15.7			14	107		-0.0	
		IS	03 43 17.6						.2	
10	NYS	IP D	03 43 16.6			22	145		-0.3	
10	NYM	EP	03 43 17.2			23	79		.0	
10	CPX	E(P)	03 43 19.3			37	142		.1	
10	LSM	E(P)	03 43 21.7			51	176		.2	
10	MCV	E(P)	03 43 24.4			68	156		.1	
.....										

.....										
10	10 1 22.60	37.46 N	115.54 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION				
GROOM LAKE										
.....										
10	NYM	EP	10 01 30.8			52	241		-0.4	
10	NYV	IP C	10 01 31.5			55	226		-0.2	
10	NYJ	EP	10 01 32.7			63	218		-0.3	
10	CPX	E(P)	10 01 34.4			74	218		-0.2	
10	MCV	EP	10 01 38.8			100	204		-0.1	
10	LSM	E(P)	10 01 40.5			103	219		1.2	
		ES	10 01 54.8						3.3	
10	TPH	EP	10 01 49.2			163	295		.2	
10	ELY	E(P)	10 01 53.1			195	17		-0.1	
10	LEE	EP	10 01 53.2			193	96		.1	
.....										

.....										
10	11 32 36.51	37.05 N	116.70 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION				
THIRSTY CANYON										
.....										
10	NYC	EP C	11 32 44.3			50	77		-0.3	
		ES	11 32 57.2						6.6	
10	LSM	E(P)	11 32 45.0			52	132		.1	
10	NYM	EP	11 32 46.3			61	71		-0.1	
10	MCV	EP	11 32 49.5			78	126		.4	
10	DAC	E(P)	11 32 55.2			117	223		-0.3	
10	TPH	E(P)	11 32 56.5			122	338		.3	
.....										

10	NYM	E(P)	11 49 11.4							
10	NYJ	E(P)	11 49 12.3							
10	MCV	E(P)	11 49 18.4							
10	LSM	E(P)	11 49 20.3							
		E(S)	11 49 33.5							

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
11	15	2	52.53	37.46 N	114.62 W	DEPTH =	0.0 KM			FIXED DEPTH SOLUTION
				DELAMAR MTS.						
11	ALA	IP C	15 03 0.0				50	242	-.6	
11	NYJ	E(P)	15 03 13.5				130	248	-.2	
11	NYM	E(P)	15 03 14.1				129	259	.5	
		E(S)	15 03 29.0						.0	
11	NYC	E(P)	15 03 14.8				140	257	-.5	
11	CPX	E(P)	15 03 15.6				140	246	.4	
11	MCV	EP	15 03 17.6				153	234	.3	
.....										
11	16	21	28.64	37.24 N	116.39 W	DEPTH =	0.0 KM			FREE DEPTH SOLUTION
				SILENT CANYON						
11	NYC	IP C	16 21 32.2				23	116	-.1	
11	NYS	IP	16 21 33.4				30	140	-.2	
11	NYM	EP	16 21 33.5				30	93	.0	
11	SMN	IP D	16 21 34.5				35	252	.1	
		IS	16 21 38.8						.2	
11	CPX	EP	16 21 36.2				46	139	.3	
11	BTY	EP D	16 21 36.7				52	220	-.4	
11	LSM	EP	16 21 38.0				57	170	.2	
.....										
11	DAC	E(P)	20 34 7.8							
		ES	20 35 10.4							
11	NEL	E(P)	20 34 13.1							
11	LSM	E(P)	20 34 17.2							
		E(S)	20 35 32.2							
11	MCV	E(P)	20 34 17.3							
11	BTY	E(P)	20 34 17.5							
11	SMN	E(P)	20 34 21.0							
.....										
12	9	34	46.83	37.01 N	117.66 W	DEPTH =	5.0 KM			FIXED DEPTH SOLUTION
				MAGRUDER MTN.						
12	BTY	EP	09 34 59.7				81	100	-.2	
		ES	09 35 9.4						-.0	
12	SMN	E(P)	09 34 59.9				81	79	-.1	
12	DAC	E(P)	09 35 0.0				82	176	-.0	
12	LSM	IP C	09 35 7.5				127	103	.1	
12	NYC	EP C	09 35 8.6				135	83	-.1	
12	NYM	EP C	09 35 10.6				145	80	.2	
12	MCV	E(P)	09 35 11.9				154	105	.2	
.....										
12	12	18	42.59	37.01 N	117.64 W	DEPTH =	5.0 KM			FIXED DEPTH SOLUTION
				MAGRUDER MTN.						
12	BTY	E(P)	12 18 55.1				79	100	-.3	
		E(S)	12 19 4.7						-.0	
12	SMN	E(P)	12 18 55.7				79	79	.2	
12	DAC	E(P)	12 18 55.7				81	177	-.0	
12	LSM	IP C	12 19 2.9				126	103	-.0	
12	NYC	E(P)	12 19 4.0				133	83	-.2	
12	MCV	E(P)	12 19 7.5				152	105	.3	
.....										

SEISMOLOGICAL BULLETIN

MAK 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
12	23	21	27.68	37.11 N	119.76 W	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
12	DAC	EP C	23 21 59.5				214	115	.1	
12	TPH	EP C	23 22 3.6				248	64	-.0	
12	BTY	EP	23 22 6.7				267	95	.5	
12	LSM	EP	23 22 10.4				313	97	-1.6	
		E(S)	23 22 44.8						.3	
12	NYC	EP	23 22 13.6				320	88	.6	
		E(S)	23 22 46.0						-.2	
.....										
13	0	38	26.42	38.55 N	117.48 W	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
				TOIYABE DOME						
13	TPH	IP C	00 38 35.8				58	157	-.7	
		ES	00 38 44.8						1.0	
13	SMN	IP D	00 38 52.7				169	158	.3	
13	NYM	EP	00 38 55.6				193	139	.0	
13	SMN	EP	00 38 57.8				210	6	.2	
13	LSM	EPN	00 38 59.4				228	152	-.5	
		IPG	00 39 3.3							
		ES	00 39 43.0						18.5	
13	DAC	E(P)	00 39 3.3				254	182	.1	
.....										
13	13	35	13.84	35.98 N	118.00 W	DEPTH = 10.0 KM				FIXED DEPTH SOLUTION
				LAMONT PEAK						
13	DAC	IP C	13 35 21.4				49	48	-.5	
13	BTY	EP	13 35 38.1				149	48	.0	
13	SMN	EP	13 35 41.7				170	40	.2	
13	LSM	EP D	13 35 42.2				177	61	-.0	
		ES	13 36 3.2						.2	
13	NYM	EP	13 35 48.5				223	51	.2	
.....										
13	NEL	E(P)	19 56 44.6							
		CS	19 57 9.0							
13	MCV	E(P)	19 56 52.5							
13	LSM	E(P)	19 56 53.5							
13	BTY	E(P)	19 56 56.9							
.....										
13	22	24	59.25	37.10 N	119.21 W	DEPTH = 20.0 KM				FIXED DEPTH SOLUTION EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
13	DAC	EP	22 25 25.9				171	122	.0	
		ES	22 25 45.3						-.1	
13	TPH	EP	22 25 30.2				206	58	-.1	
13	SMN	E(P)	22 25 32.1				217	88	.2	
13	BTY	EP	22 25 32.8				219	96	.8	
13	LSM	EP C	22 25 37.1				264	98	-.8	
.....										
14	DAC	EP D	19 57 4.1							
		ES	19 57 22.5							
14	BTY	EP	19 57 15.4							
14	LSM	E(P)	19 57 19.8							
14	MCV	E(P)	19 57 21.3							

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	4 29	39.57	36.49 N	117.06 W	DEPTH =	15.7 KM	FREE DEPTH SOLUTION			
PANAMINT BUTTE										
15	BTY	IP D	04 29 48.2				51	31	.0	
		IS	04 29 54.5						-.0	
15	DAC	EP	04 29 48.4				53	244	-.0	
15	LSM	EP	04 29 52.0				76	68	-.1	
15	SMN	IP	04 29 52.6				78	20	.2	
15	MCV	E(P)	04 29 55.5				96	80	.2	
15	NYC	EP	04 29 57.4				110	47	-.2	
.....										
15	DAC	IP C	04 51 31.6							
15	BTY	IP C	04 51 42.7							
15	LSM	EP C	04 51 44.6							
		IS	04 51 59.8							
15	MCV	EP	04 51 46.4							
15	SMN	E(P)	04 51 47.0							
.....										
15	13 36	51.08	37.54 N	114.24 W	DEPTH =	6.8 KM	FREE DEPTH SOLUTION			
ELY RANGE										
15	LEE	IP C	13 37 4.8				83	113	.3	
		IS	13 37 13.9						-.4	
15	NYJ	IP D	13 37 17.9				165	250	-.0	
15	MCV	E(P)	13 37 21.8				186	238	.7	
15	LSM	EP C	13 37 22.3				202	244	-.7	
15	SMN	EP	13 37 26.5				228	260	-.0	
.....										
15	23 19	42.39	35.81 N	115.31 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
GOODSPRINGS										
15	NEL	IP C	23 19 49.4				44	105	.0	
15	MCV	EP	23 19 59.3				110	326	-.9	
15	LSM	EP	23 20 3.8				134	320	-.3	
		ES	23 20 20.3						.2	
15	CPX	E(P)	23 20 5.6				141	332	.3	
15	NYS	E(P)	23 20 7.8				156	331	.0	
15	BTY	E(P)	23 20 11.0				177	313	-.0	
15	SMN	E(P)	23 20 15.3				197	319	.8	
.....										
16	3 3	36.5	35.64 N	117.76 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
LITTLE LAKE										
16	DAC	IP D	03 09 12.4				73	12	-.0	
16	BTY	E(P)	03 09 27.2				165	32	-.2	
16	LSM	EP	03 09 29.7				181	47	.1	
		ES	03 09 51.0						.2	
16	SMN	E(P)	03 09 31.2				190	28	.4	
16	NYM	E(P)	03 09 36.2				234	40	-.3	
.....										
17	NEL	EP D	00 29 55.0							
		I	00 30 10.5							
17	DAC	EP D	00 30 6.7							
17	MCV	E(P)	00 30 7.9							
17	LSM	E(P)	00 30 10.9							
17	BTY	E(P)	00 30 13.6							
		E(S)	00 31 30.6							
17	SMN	E(P)	00 30 16.8							

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	5 49 58.44		37.35 N 116.55 W	DEPTH = 5.0 KM						FIXED DEPTH SOLUTION
THIRSTY CANYON										
17	SMN	EP	05 50 3.1				30	220	-.3	
17	NYC	IP C	05 50 5.0				41	122	-.1	
		IS	05 50 9.9						-.2	
17	NYM	EP	05 50 6.1				46	106	.2	
17	BTY	E(P)	05 50 7.7				55	201	.3	
17	LSM	EP	05 50 10.1				72	160	.0	
.....										
.....										
17	8 35 45.91		37.11 N 116.99 W	DEPTH = 12.2 KM						FREE DEPTH SOLUTION
THIRSTY CANYON										
17	SMN	EP	08 35 49.8				20	80	.1	
17	BTY	EP	08 35 51.2				32	142	-.2	
17	NYC	EP	08 35 58.1				74	86	.0	
17	LSM	IP C	08 35 58.6				76	123	.3	
		E(S)	08 36 26.0						18.6	
17	NYM	EP	08 35 59.5				84	81	-.2	
17	TPH	EP	08 36 3.6				109	349	.0	
.....										
17	DAC	E(P)	19 48 45.9							
		ES	19 49 22.0							
17	NEL	E(P)	19 48 47.3							
17	MCV	E(P)	19 48 52.9							
		I	19 48 59.7							
17	LSM	E(P)	19 48 53.8							
17	BTY	EP	19 48 54.1							
17	LEE	EP	20 45 40.9							
		I	20 45 50.0							
17	ELY	EP	20 46 5.7							
		ES	20 46 33.8							
17	NEL	EP	20 46 15.5							
17	LEE	EP	21 33 36.3							
		I	21 33 45.4							
17	ELY	EP	21 34 1.0							
		ES	21 34 29.0							
17	NEL	EP	21 34 11.0							
.....										
18	0 10 33.32		36.17 N 117.54 W	DEPTH = 25.0 KM						FIXED DEPTH SOLUTION
DARWIN										
18	DAC	IP C	00 10 37.6				13	337	-.2	
		I	00 10 39.9							
18	BTY	E(P)	00 10 50.9				105	41	.3	
18	LSM	EP	00 10 54.2				130	60	.1	
		ES	00 11 8.9						-.4	
.....										
.....										
18	15 56 40.04		35.92 N 114.97 W	DEPTH = 0.0 KM						FIXED DEPTH SOLUTION
BOULDER CITY										
18	NEL	IP D	15 56 42.5				26	153	-1.6	
		ES	15 56 46.7						-.3	
18	MCV	EP	15 56 59.0				122	311	-.8	
18	CPX	E(P)	15 57 3.2				149	320	-.9	
18	LSM	IP D	15 57 3.7				148	308	-.3	
18	BTY	E(P)	15 57 11.7				193	304	.3	
.....										
19	DAC	EP	01 11 46.9							

SEISMOLOGICAL RUMBLETTN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		IS	01 11 50.6							
19	SMN	E(P)	01 12 5.8							
19	LSM	E(P)	01 12 6.1							
19	NYM	EP	01 12 10.1							
19	CPX	IP D	03 26 2.8							
19	NYJ	EP	03 26 3.9							
		IS	03 26 6.7							
19	MCV	E(P)	03 26 4.1							
19	LSM	EP	03 26 5.4							
		IS	03 26 8.7							
19	LEE	IP C	13 49 31.3							
		IS	13 49 54.7							
19	NEL	EP	13 49 44.7							
19	LSM	E(P)	13 50 5.5							
.....										
20	23 5	23.93	37.55 N 113.52 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			MT. ESCALANTE							
20	LEE	E(P)	23 05 29.7			36	159		-.0	
20	ELY	EP	23 05 57.5			213	326		.1	
20	NYM	E(P)	23 05 58.9			227	262		-.5	
20	LSM	E(P)	23 06 4.0			260	251		.4	
		E(S)	23 06 38.8						6.2	
.....										
20	23 18	42.19	36.33 N 114.93 W	DEPTH =	18.0 KM					FREE DEPTH SOLUTION
			HOOVER DAM							
20	NEL	IP C	23 18 53.8			70	174		.0	
		ES	23 19 9.1						6.8	
20	MCV	EP	23 18 58.5			102	289		-.3	
20	CPX	E(P)	23 19 2.0			121	304		.1	
20	LSM	EP C	23 19 3.4			128	291		.2	
20	NYM	EP	23 19 5.3			142	315		.0	
20	LEE	EP	23 19 9.1			171	53		-.0	
.....										
21	1 21	11.78	35.98 N 117.68 W	DEPTH =	8.4 KM					FREE DEPTH SOLUTION
			LITTLE LAKE							
21	DAC	IP D	01 21 17.0			34	13		-.4	
21	LSM	EP	01 21 36.8			152	56		.4	
21	MCV	EP	01 21 39.0			167	64		.1	
21	CPX	EP	01 21 40.6			180	53		-.2	
		E(S)	01 22 2.0						.0	
21	NYC	E(P)	01 21 41.6			189	46		-.4	
21	NYM	EP	01 21 43.0			202	46		-.0	
21	TPH	E(P)	01 21 48.6			237	10		.6	
21	NEL	EP	01 21 50.7			257	96		-.0	
.....										
21	1 27	23.37	36.34 N 117.86 W	DEPTH =	4.5 KM					FREE DEPTH SOLUTION
			DARWIN							
21	DAC	IP D	01 27 27.3			25	107		.0	
21	LSM	IP D	01 27 47.4			148	72		.0	
		ES	01 28 5.0						.0	
21	NYM	E(P)	01 27 54.0			189	58		.0	
.....										

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
21	1 36	1.75	37.03 N 116.01 W	DEPTH = 0.0 KM		FREE DEPTH SOLUTION				
SILENT CANYON										
21	NYJ	IP	01 36 2.3			4	127		-.1	
21	NYR	EP	01 36 2.8			8	292		-.2	
21	CPX	E(P)	01 36 3.7			12	201		.2	NTS LOCAL
21	NYC	EP	01 36 4.9			19	317		.1	
21	NYM	EP	01 36 5.3			23	351		-.2	
		IS	01 36 8.6						.4	
.....										
21	TPH	E(P)	21 27 8.1							
		E(S)	21 27 21.1							
21	NYC	E(P)	21 27 18.4							
21	LSM	IP	21 27 19.2							
21	NYM	E(P)	21 27 20.3							
21	MCV	E(P)	21 27 23.6							
21	NEL	IP C	22 30 7.6							
		ES	22 30 17.0							
21	LEE	E(P)	22 30 32.7							
21	LSM	EP	22 30 36.3							
.....										
22	4 25	19.45	39.13 N 116.15 W	DEPTH = 5.0 KM		FIXED DEPTH SOLUTION				
SILENT CANYON										
22	ELY	EP	04 25 37.0			109	89		.0	
		ES	04 25 49.8						-.0	
22	TPH	EP C	04 25 43.6			150	219		-.0	
22	BMN	EP	04 25 47.2			171	328		.0	
.....										
22	DAC	E(P)	06 25 31.9							
		E(S)	06 26 51.4							
22	LSM	E(P)	06 25 45.8							
22	TPH	E(P)	06 25 46.7							
.....										
22	16 4	20.54	37.16 N 114.05 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
TULE DESERT										
22	LEE	IP C	16 04 30.6			60	81		-.0	
22	NEL	EP	16 04 49.5			176	204		.0	
22	MCV	EP	16 04 50.3			183	252		-.3	
22	LSM	E(P)	16 04 54.0			203	257		.2	
		IS	16 05 18.0						.2	
.....										
23	2J 33	11.28	37.25 N 116.21 W	DEPTH = 13.3 KM		FREE DEPTH SOLUTION				
SILENT CANYON										
23	NYC	IP C	20 38 13.1			11	156		-1.0	
		ES	20 38 16.8						.6	
23	NYM	IP	20 38 14.9			14	97		.5	
23	NYR	EP	20 38 15.3			24	154		-.4	
23	CPX	E(P)	20 38 17.4			37	159		-.2	
23	LSM	E(P)	20 38 21.3			57	186		.7	
.....										
24	DAC	IP D	03 36 17.9							
		ES	03 36 27.8							
24	BTY	E(P)	03 36 34.4							
24	LSM	E(P)	03 36 35.4							
		ES	03 37 4.1							
24	SMN	E(P)	03 36 37.8							

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	DAC	EPN	02 28 31.0							CALIF BAJA
		IPG	02 28 40.8							
25	LSM	EPN	02 28 35.2							
		IPG	02 28 44.8							
		IS	02 29 31.6							
25	BTY	EP	02 28 47.9							
25	LEE	EP	02 28 49.4							
25	NYJ	EP	02 28 51.0							
25	BMN	IP C	02 45 53.8							NEAR BATTLE MTN
25	ELY	IPNC	02 46 27.4							
		IPG	02 46 31.3							
25	TPH	EP	02 46 31.9							
25	NYM	IP	02 46 44.7							
25	NYJ	EP	02 46 48.0							
25	CPX	EP	02 46 48.8							
25	LSM	EPN	02 46 51.4							
		IPG	02 47 4.6							
		IS	02 47 56.9							
25	LSM	IP	04 11 20.6							LSM ONLY
		IS	04 11 21.7							
25	LSM	EP	11 18 19.6							LSM ONLY
		E(S)	11 18 42.0							
25	LSM	EP	11 54 34.3							LSM ONLY
		E(S)	11 54 46.5							
25	LSM	IP	12 03 45.3							LSM ONLY
		IS	12 03 46.4							

.....

25	13 31	8.41	37.17 N	117.41 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION		
			MT. JACKSON						
25	SMN	IP	13 31 17.2			57	92	-.5	CALIF NEV BORDR
		IS	13 31 24.3					-.3	
25	BTY	IP	13 31 18.7			65	118	-.2	
		IS	13 31 26.7					.1	
25	DAC	EP	13 31 24.5			100	189	-.1	
25	TPH	EP	13 31 24.8			103	9	-.1	
		ES	13 31 37.2					.2	
25	LSM	IP	13 31 26.3			112	115	-.2	
25	CPX	EP	13 31 28.7			123	102	.4	
25	NYJ	EP	13 31 29.6			129	97	.2	
25	MCV	EP	13 31 31.3			139	115	.4	

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25	13 41	37.55	37.29 N	116.41 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION		
			SILENT CANYON						
25	NYM	IP	13 41 42.2			32	101	-.6	
25	SMN	IP D	13 41 43.2			36	243	-.1	
25	NYR	IP C	13 41 43.6			38	132	-.2	
25	NYJ	IP C	13 41 45.3			49	129	-.3	
25	CPX	IP D	13 41 45.6			50	141	-.0	MAIN EQ.
25	BTY	IP D	13 41 46.3			55	215	-.1	SILENT CANYON
25	LSM	IP D	13 41 47.8			62	169	.2	
25	MCV	EP	13 41 50.9			81	153	.2	
25	TPH	IP C	13 41 55.1			113	321	-.7	
		IS	13 42 11.5					2.4	
25	ALA	EP C	13 41 57.0			115	92	.9	
		ES	13 42 10.0					.3	
25	DAC	IP D	13 42 2.6			154	224	.1	
		I(S)	13 42 21.5					.7	
25	LEE	EP	13 42 16.4			269	90	-2.4	POOR
25	ELY	EP	13 42 16.8			244	33	1.2	

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SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
			I(S) 13 42 43.9							
				.5						
25	14 28	35.64	37.33 N 116.41 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
			SILENT CANYON							
25	NYC	EP	14 28 40.4				30	130	-.1	
25	SMN	IP	14 28 41.7				38	237	-.0	
25	LSM	E(P)	14 28 46.5				67	169	.1	SMALL SC
		E(S)	14 28 54.1						-.1	
25	14 30	32.37	37.40 N 116.48 W	DEPTH =		32.1 KM	FREE DEPTH SOLUTION			
			SILENT CANYON							
25	SMN	IP	14 30 40.2				38	221	-.1	
		IS	14 30 46.5						.3	
25	NYM	EP	14 30 40.6				43	116	-.3	
25	BTY	EP	14 30 43.5				63	204	-.0	
25	NYJ	EP	14 30 44.2				63	134	.6	
25	LSM	EP	14 30 45.2				76	166	-.1	SC
		ES	14 30 54.6						-.2	
25	14 41	23.14	37.36 N 116.41 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
			SILENT CANYON							
25	NYC	EP	14 41 28.1				32	135	-.2	
25	NYM	EP	14 41 28.8				34	114	.1	
25	SMN	IP	14 41 29.6				40	234	-.0	
		IS	14 41 34.4						-.0	
25	LSM	E(P)	14 41 34.6				70	170	.2	SC VQP
		ES	14 41 42.6						-.0	
25	14 48	13.28	37.36 N 116.41 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
			SILENT CANYON							
25	NYC	IP D	14 48 18.2				32	134	-.3	
25	NYM	IP D	14 48 18.8				35	113	-.1	
25	SMN	IP D	14 48 19.7				39	233	.1	
		IS	14 48 24.4						.1	
25	NYJ	EP	14 48 22.0				55	134	-.2	
25	BTY	IP	14 48 22.8				61	211	-.3	SC
25	CPX	EP	14 48 23.0				57	146	.6	
25	LSM	EP	14 48 24.5				70	169	-.0	TAMP OBSC.
		IS	14 48 32.4						-.3	
25	MCV	EP	14 48 27.9				88	155	.4	
25	14 57	8.09	36.88 N 115.96 W	DEPTH =		6.1 KM	FREE DEPTH SOLUTION			
			MERCURY							
25	CPX	IP D	14 57 9.7				10	303	-.2	MASS MTN
25	NYJ	IP	14 57 10.5				14	355	-.1	
		I(S)	14 57 12.6						.2	
25	MCV	EP	14 57 12.7				28	187	.1	
25	LS1	EP	14 57 13.2				32	240	-.1	
		IS	14 57 17.2						.1	
25	NYC	EP	14 57 14.0				35	330	.2	
25	NYM	EP	14 57 14.5				40	348	-.1	

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
25	15 37	36.40	37.35 N 116.41 W	DEPTH =	0.0	KM				FREE DEPTH SOLUTION
			SILENT CANYON							
25	NYC	IP D	15 37 41.3				31	134	-.2	
25	NYM	IP D	15 37 41.8				34	113	-.1	
25	SMN	IP C	15 37 42.8				40	234	-.0	
		IS	15 37 47.5						-.0	
25	BTY	EP	15 37 46.2				61	212	-.0	
25	LSM	EP	15 37 47.7				69	170	.2	SILENT CANYON
		IS	15 37 55.4						-.3	
25	MCV	E(P)	15 37 50.9				88	156	.4	
		E(P)	15 37 51.8							
.....										
25	15 46	13.26	37.32 N 116.40 W	DEPTH =	11.6	KM				FREE DEPTH SOLUTION
			SILENT CANYON							
25	NYC	IP C	15 46 18.2				28	129	.0	
25	NYM	EP	15 46 18.8				32	107	-.0	
25	SMN	IP D	15 46 19.7				38	240	.0	LSM TAMP12.6 .1
		IS	15 46 24.4						-.0	
25	BTY	EP	15 46 22.8				58	214	-.0	SMALL SC
.....										
25	16 16	53.15	37.37 N 116.41 W	DEPTH =	0.0	KM				FREE DEPTH SOLUTION
			SILENT CANYON							
25	NYC	IP D	16 16 58.3				33	136	-.1	
25	NYM	EP	16 16 58.9				35	115	.1	
25	SMN	IP D	16 16 59.7				40	232	.0	
		IS	16 17 4.6						.1	
25	BTY	EP	16 17 2.9				62	211	-.3	
25	LSM	EP	16 17 4.9				71	170	.3	SC
		ES	16 17 12.8						-.1	
.....										
25	16 22	56.62	37.35 N 116.42 W	DEPTH =	0.0	KM				FREE DEPTH SOLUTION
			SILENT CANYON							
25	NYC	IP C	16 23 1.5				32	133	-.3	
25	NYM	IP C	16 23 2.1				35	112	-.2	
25	SMN	IP D	16 23 3.0				39	234	.1	
		IS	16 23 7.7						.2	
25	NYR	E(P)	16 23 3.6				43	139	.1	
25	NYJ	EP	16 23 5.2				54	134	-.3	
25	CPX	EP	16 23 6.0				56	145	.3	
25	BTY	IP D	16 23 6.1				61	211	-.3	SILENT CANYON
		IS	16 23 13.1						-.4	
25	LSM	IP	16 23 8.0				69	169	.3	
		IS	16 23 15.7						-.2	
25	MCV	E(P)	16 23 11.4				83	155	.6	
.....										
25	17 51	27.66	37.22 N 116.41 W	DEPTH =	17.0	KM				FREE DEPTH SOLUTION
			SILENT CANYON							
25	NYC	EPG	17 51 32.5				24	109	.1	
		ES	17 51 35.8						-.1	
25	NYM	E(P)	17 51 33.5				32	88	.0	
25	SMN	EPG	17 51 33.6				33	254	-.1	VERY SMALL SC
		ES	17 51 36.2						.1	
.....										

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
25	18 14	45.25	37.32 N 116.40 W	DEPTH = 9.5 KM			FREE DEPTH SOLUTION			
SILENT CANYON										
25	NYC	IP C	18 14 50.1				28	130	.0	ANOTHER AT 1815
		IS	18 14 53.6						-.0	
25	NYM	EP	18 14 50.7				32	107	.0	
25	SMN	IP D	18 14 51.6				38	239	-.0	SC
		IS	18 14 56.3						.0	
.....										
.....										
25	18 15	35.87	37.39 N 116.43 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
SILENT CANYON										
25	NYC	E(P)	18 15 41.7				35	136	.0	
25	NYM	E(P)	18 15 42.0				38	117	-.0	
25	SMN	IP D	18 15 42.5				40	228	.0	SC
		IS	18 15 47.3						-.0	
.....										
.....										
25	18 20	24.94	37.36 N 116.41 W	DEPTH = 0.0 KM			FREE DEPTH SOLUTION			
SILENT CANYON										
25	NYC	IP D	18 20 30.0				32	135	-.1	
		IS	18 20 33.5						-.3	
25	NYM	EP	18 20 30.6				34	114	.1	
25	SMN	IP D	18 20 31.4				40	234	-.0	
		IS	18 20 36.2						.1	
25	BTY	EP	18 20 34.6				62	212	-.3	
25	LSM	EP	18 20 36.5				70	170	.3	
		E(S)	18 20 44.5						.1	
.....										
.....										
25	18 30	36.19	37.22 N 116.41 W	DEPTH = 14.9 KM			FREE DEPTH SOLUTION			
SILENT CANYON										
25	NYC	IPGD	18 30 40.4				23	108	-.3	
		IS	18 30 44.0						-.0	
25	SMN	IPG	18 30 41.9				33	255	-.2	SC
		IS	18 30 46.7						.3	
25	NYM	IPG	18 30 42.1				31	88	.3	
25	LSM	E(P)	18 30 45.4				55	167	.1	
.....										
.....										
25	20 13	44.52	37.26 N 116.41 W	DEPTH = 11.0 KM			FREE DEPTH SOLUTION			
SILENT CANYON										
25	NYC	EP	20 13 49.2				26	118	.1	
		IS	20 13 52.2						-.2	
25	NYM	E(P)	20 13 50.1				32	96	.1	
25	SMN	IP D	20 13 50.1				34	247	-.3	SC
		IS	20 13 54.9						.3	
25	BTY	EP	20 13 53.2				53	217	.0	
.....										
.....										
25	22 26	10.28	37.18 N 116.24 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
SILENT CANYON										
25	NYC	EP	22 26 12.2				8	108	-.2	SC-QUESTIONABLE
		IS	22 26 13.7						-.2	
25	NYM	EP	22 26 13.7				18	70	.1	
25	NYR	E(P)	22 26 13.9				19	135	.1	
.....										

SEISMOLOGICAL BULLETIN

MAR. 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	NYC	IP D	23 33 35.4							
		IS	23 33 39.0							
25	SMN	IP D	23 33 36.8							SC
25	CPX	EP D	23 33 40.1							
.....										
26	0 0	8.10	37.35 N 116.41 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			SILENT CANYON							
26	NYC	IP D	00 00 13.1				31	134	-.0	
		IS	00 00 16.7						-.1	
26	NYM	EP	00 00 13.7				34	112	.1	
26	SMN	IP D	00 00 14.5				39	235	.0	
		IS	00 00 19.3						.1	
26	BTY	EP D	00 00 17.6				61	212	-.3	
26	LSM	EP	00 00 19.5				69	170	.3	SC
.....										
26	2 1	18.67	36.06 N 114.66 W	DEPTH =	3.5 KM					FREE DEPTH SOLUTION
			HOOVER DAM							
26	NEL	E(P)	02 01 25.7				42	203	.1	
26	NYJ	E(P)	02 01 44.5				158	312	-.1	
		E(S)	02 02 3.9						.4	
26	LSM	E(P)	02 01 44.8				163	298	-.5	
26	NYM	EP	02 01 48.4				180	317	.2	
26	BTY	E(P)	02 01 52.2				210	297	.0	
.....										
26	2 7	42.92	37.31 N 116.41 W	DEPTH =	13.4 KM					FREE DEPTH SOLUTION
			SILENT CANYON							
26	NYC	IP D	02 07 47.9				28	127	-.1	
		IS	02 07 51.6						-.0	
26	NYM	EP	02 07 48.7				32	105	.1	
26	SMN	IP D	02 07 49.2				37	240	-.1	
		IS	02 07 54.1						.1	
26	BTY	EP D	02 07 52.4				57	214	.0	SC
.....										
26	7 22	53.07	37.31 N 116.58 W	DEPTH =	29.3 KM					FREE DEPTH SOLUTION
			THIRSTY CANYON							
26	SMN	IP D	07 22 59.2				25	222	-.1	
		IS	07 23 3.9						.1	
26	BTY	IP D	07 23 2.3				50	199	-.1	SC
		IS	07 23 9.2						.0	
26	CPX	EP	07 23 4.2				63	132	.1	
		ES	07 23 12.0						-.1	
.....										
26	11 22	6.42	36.05 N 117.76 W	DEPTH =	20.0 KM					FIXED DEPTH SOLUTION
			DARWIN							
26	DAC	IP D	11 22 10.4				29	30	-1.6	
26	BTY	E(P)	11 22 28.0				128	44	.6	CALIF
26	SMN	E(P)	11 22 30.6				150	36	.1	
26	LSM	IP	11 22 30.7				153	60	-.1	
		E(S)	11 22 48.1						-.6	
26	MCV	E(P)	11 22 33.5				170	67	.5	
.....										
26	DAC	IP D	12 06 25.6							CALIF
26	BTY	E(P)	12 06 43.0							
26	SMN	E(P)	12 06 45.7							

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	LSM	IP	12 06 45.7							
		E(S)	12 07 3.2							
.....										
26	13	2	55.30	36.09 N	117.72 W	DEPTH = 15.0 KM				FIXED DEPTH SOLUTION
				DARWIN						
26	JAC	IP D	13 02 59.4				24	29	-.4	CALIF
26	SMN	E(P)	13 03 19.5				145	36	.4	
26	LSM	EP	13 03 19.6				149	61	.1	
		ES	13 03 37.1						-.2	
.....										
26	23	52	23.02	36.89 N	115.97 W	DEPTH = 9.4 KM				FREE DEPTH SOLUTION
				MERCURY						
26	CPX	IP D	23 52 24.9				9	302	-.1	MASS MTN
26	NYJ	EP	23 52 25.6				13	359	-.0	
		IS	23 52 27.7						.1	
26	NYR	E(P)	23 52 26.8				21	330	.0	
26	MCV	EP	23 52 27.8				29	185	-.0	
26	LSM	EP	23 52 28.3				32	238	.0	
.....										
27	7	50	22.39	35.19 N	118.26 W	DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
				MOJAVE						
27	JAC	IP C	07 50 44.4				135	27	.2	
		IS	07 51 1.0						.8	
27	LSM	IPNC	07 51 .2				249	46	-.3	
		EPG	07 51 5.0							
27	SMN	EP	07 51 .5				255	31	-1.0	
27	MCV	EP	07 51 2.1				260	51	.2	
27	CPX	EP	07 51 4.1				277	45	-.1	
27	NYJ	EP	07 51 5.4				288	45	-.3	
27	NEL	IP C	07 51 9.4				315	79	.3	
.....										
28	2	30	43.86	37.36 N	116.42 W	DEPTH = 8.3 KM				FREE DEPTH SOLUTION
				SILENT CANYON						
28	SMN	IP D	02 30 50.5				40	232	.1	
		IS	02 30 55.4						.2	
28	NYJ	EP	02 30 52.8				56	135	-.2	
28	CPX	E(P)	02 30 53.3				58	146	.1	SILENT CANYON
28	BTY	EP U	02 30 53.6				62	210	-.3	
28	LSM	EP	02 30 55.5				71	169	.2	
		ES	02 31 3.6						-.1	
28	MCV	E(P)	02 30 58.6				89	155	.3	
.....										
28	12	6	53.26	37.38 N	118.33 W	DEPTH = 10.0 KM				FIXED DEPTH SOLUTION
				BLANCO MTN.						
28	TPH	E(P)	12 07 13.6				125	51	.2	
28	SMN	EP	12 07 15.6				141	100	-.7	
28	BTY	EP	12 07 17.3				150	111	-.2	
28	NYC	IP D	12 07 23.9				195	97	-.2	
28	LSM	EP D	12 07 24.7				196	111	.5	
		E(S)	12 07 47.6						.7	
.....										

SEISMOLOGICAL BULLETIN

HAR	STA	PHASE	TIME	AMP	PER	MAG	DIST	AZI	RES	REMARKS
1972			(GMT)	(MU)	(SEC)		(KM)	(DEG)	(SEC)	
.....										
28	12 37 26.29		37.41 N 116.42 W	DEPTH =		0.0 KM				FREE DEPTH SOLUTION
			SILENT CANYON							
28	NYM	E(P)	12 37 32.4				38	122	-.1	
28	SMN	IP C	12 37 33.3				43	226	.0	
		ES	12 37 38.2						-.2	
28	BTY	E(P)	12 37 37.1				66	208	.1	SILENT CANYON
28	LSM	E(P)	12 37 38.6				76	170	.1	SMALL
.....										
28	16 5 41.30		37.48 N 118.35 W	DEPTH =		5.0 KM				FIXED DEPTH SOLUTION
			BLANCO MTN.							
28	TPH	IP C	16 06 .4				120	56	-.2	OWENS VALLEY
		ES	16 06 15.0						.3	
28	SMN	EPN	16 06 4.7				145	104	-.2	
		IPG	16 06 5.7							
28	JAC	E(P)	16 06 5.5				150	153	-.0	
28	BTY	EPN	16 06 6.3				155	115	-.2	
		ES	16 06 27.3						2.4	
28	NYM	EP	16 06 12.3				205	97	-1.7	
28	LSM	EPN	16 06 12.4				202	113	-1.1	
		IPG	16 06 14.8							
28	NYC	IP C	16 06 13.5				198	100	.5	
28	NYR	E(P)	16 06 14.9				206	102	.9	
28	MCV	E(P)	16 06 19.2				229	113	2.3	
.....										
28	23 40 59.41		37.21 N 116.31 W	DEPTH =		0.0 KM				FREE DEPTH SOLUTION
			SILENT CANYON							
28	NYC	IP C	23 41 1.7				15	114	-.2	
28	NYM	IP	23 41 3.1				23	84	-.0	
28	NYR	IP	23 41 3.2				26	131	-.4	
28	CPX	E(P)	23 41 6.1				38	144	.6	
28	SMN	IP C	23 41 6.4				41	260	.3	
28	BTY	EP	23 41 7.9				54	228	-.3	
		ES	23 41 14.2						-.4	
28	LSM	E(P)	23 41 8.1				53	176	.3	
.....										
29	DAC	EP	00 07 24.6							
29	NEL	EP	00 07 30.4							
29	LSM	EP	00 07 31.9							
		E(S)	00 08 8.8							
29	SMN	IP C	02 11 .1							
		IS	02 11 2.2							
29	BTY	EP	02 11 3.8							
.....										
29	2 31 28.15		36.42 N 115.40 W	DEPTH =		5.0 KM				FIXED DEPTH SOLUTION
			LAS VEGAS							
29	MCV	EP	02 31 37.0				59	294	-.6	
29	CPX	E(P)	02 31 41.2				82	315	-.1	
29	NYJ	IP	02 31 41.8				83	322	.1	
29	LSM	EP	02 31 42.1				86	295	.1	
		IS	02 31 52.1						.0	
29	BTY	E(P)	02 31 50.0				132	293	.4	
29	SMN	EP	02 31 52.0				146	304	.1	
.....										

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
29	5	16	39.15	37.32 N	116.48 W	DEPTH = 24.7 KM	FREE DEPTH SOLUTION			
SILENT CANYON										
29	SMN	IP	05 16 45.7				32	232	-.0	
		ES	05 16 50.5						-.0	
29	BTY	EP	05 16 48.8				55	207	-.0	SILENT CANYON
29	LSM	E(P)	05 16 50.7				67	164	-.0	
.....										
29	DAC	EP	06 44 34.4				CALIF			
		IS	08 44 39.5							
29	BTY	EP	08 44 47.1							
		ES	08 44 59.7							
29	LSM	E(P)	08 44 49.8							
29	SMN	IS	08 44 51.3							
29	MCV	E(P)	08 44 52.3							
29	MCV	EP	11 57 32.6							
29	CPX	E(P)	11 57 34.3							
29	NYJ	EP	11 57 36.9							
29	LSM	EP	11 57 37.6							
		E(S)	11 57 49.5							
29	NYJ	EP	11 59 56.3							
		E(S)	12 00 1.5							
29	NYM	EP	11 59 56.4							
29	LSM	EP	12 00 3.0							
.....										
29	13	12	2.01	36.28 N	115.44 W	DEPTH = 15.0 KM	FIXED DEPTH SOLUTION			
LAS VEGAS										
29	MCV	EP	13 12 11.7				64	308	-.9	
29	CPX	IP	13 12 16.2				92	323	-.8	
29	LSM	E(P)	13 12 16.6				91	305	-.3	
		ES	13 12 27.8						.1	
29	BTY	E(P)	13 12 25.2				137	300	.9	
29	NYJ	EP	13 12 26.0				95	329	8.4	
29	SMN	E(P)	13 12 27.0				153	309	.0	
.....										
30	8	31	15.11	36.39 N	115.41 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
LAS VEGAS										
30	MCV	EP	08 31 24.2				59	298	-.6	
30	CPX	EP	08 31 28.6				84	317	-.1	
30	LSM	EP	08 31 29.2				86	297	.1	
		ES	08 31 39.3						-.1	
30	BTY	E(P)	08 31 37.0				133	295	.3	
30	SMN	E(P)	08 31 39.2				147	305	.1	
.....										
30	14	7	26.44	37.30 N	114.80 W	DEPTH = 9.4 KM	FREE DEPTH SOLUTION			
DELMAR MTS.										
30	NYR	EP	14 07 45.5				113	257	-.1	
30	CPX	EP	14 07 45.7				113	250	.0	
30	MCV	E(P)	14 07 47.4				130	236	-.1	
30	LSM	E(P)	14 07 50.2				145	245	.3	
		ES	14 08 7.1						-.0	
30	SMN	IP	14 07 54.9				175	265	.1	
30	BTY	IPNC	14 07 55.3				181	256	-.1	
		EPG	14 07 57.1							
		ES	14 08 16.7						.0	
.....										

SEISMOLOGICAL JULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
30	22 14 45.30		36.95 N 116.06 W	DEPTH =		8.1 KM	FREE DEPTH SOLUTION			
			LATHROP WELLS							
30	CPX	IP D	22 14 46.5				2 161		-.0	
30	NYC	EP	22 14 49.6				24 340		.2	
30	LSM	E(P)	22 14 50.0				30 218		-.3	
		IS	22 14 54.1						.2	
30	NYM	E(P)	22 14 50.4				31 2		-.1	
30	MCV	EP	22 14 51.3				36 171		.1	
.....										
30	23 25 57.81		37.32 N 116.40 W	DEPTH =		15.5 KM	FREE DEPTH SOLUTION			
			SILENT CANYON							
30	NYC	EP	23 26 3.1				29 130		-.0	
30	SMN	IP D	23 26 4.4				38 239		-.1	
		ES	23 26 9.4						.1	
30	BTY	EP	23 26 7.6				58 214		.1	SC
		ES	23 26 14.6						-.1	
.....										
31	9 48 47.03		37.38 N 116.41 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
			SILENT CANYON							
31	NYC	EP	09 48 52.3				33 138		-.2	
		ES	09 48 55.9						-.5	
31	SMN	IP D	09 48 53.7				41 231		-.0	
		ES	09 48 58.5						-.1	
31	BTY	E(P)	09 48 56.9				64 210		-.4	SC SMALL
31	LSM	E(P)	09 48 59.6				72 170		.9	
.....										
31	11 1 9.13		37.36 N 116.40 W	DEPTH =		0.0 KM	FIXED DEPTH SOLUTION			
			SILENT CANYON							
31	NYC	EP D	11 01 14.2				32 137		-.1	
		ES	11 01 17.8						-.2	
31	SMN	IP D	11 01 15.8				41 234		.0	
		ES	11 01 20.6						-.0	
31	BTY	EP	11 01 18.9				63 212		-.3	SC
31	LSM	E(P)	11 01 20.8				70 171		.4	
.....										
31	13 17 53.72		37.40 N 116.41 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
			SILENT CANYON							
31	NYC	EP	13 17 59.3				35 140		-.1	
31	SMN	IP D	13 18 .8				43 229		.2	
		ES	13 18 5.7						-.0	
31	BTY	E(P)	13 18 4.0				65 209		-.3	SC VERY SMALL
31	LSM	E(P)	13 18 5.9				74 171		.2	
.....										
31	DAC	EP	20 05 14.9							
		ES	20 05 34.6							
31	RTY	EP	20 05 26.4							
31	LSM	E(P)	20 05 27.2							
31	SMN	EP	20 05 29.9							
.....										
31	DAC	EP	21 14 40.3							
31	L3H	E(P)	21 14 43.7							
31	TPH	IP C	21 14 48.5							
31	BTY	E(P)	21 14 49.0							
		ES	21 15 27.1							

SEISMOLOGICAL BULLETIN

MAR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	SMN	EPN	21 14 49.1							
		EPG	21 14 54.7							
31	CPX	EP	21 14 57.2							

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	0 17	24.20	38.84 N 118.27 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
GABBS VALLEY										
01	TPH	IPNC	00 17 43.8				125	133	-.6	
		IPG	00 17 46.0							
		ES	00 18 2.1						2.9	
01	BMN	IP C	00 17 55.0				199	27	-.4	
		IS	00 18 18.2						-.0	
01	NYR	EP	00 18 5.0				276	135	-.3	
01	LSM	EP	00 18 7.6				292	142	.2	
.....										
01	DAC	E(P)	12 46 55.8							
		IS	12 47 6.0							
01	LSM	E(P)	12 47 11.4							
		IS	12 47 32.6							
01	MCV	E(P)	12 47 12.3							
.....										
01	19 34	11.57	36.44 N 115.39 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
LAS VEGAS										
01	MCV	E(P)	19 34 20.7				59	292	-.6	
01	CPX	E(P)	19 34 24.8				81	313	-.0	
01	LSM	EP	19 34 25.8				86	293	.2	
		ES	19 34 35.9						-.0	
01	BTY	E(P)	19 34 33.6				133	293	.4	
.....										
01	23 55	5.02	33.33 N 116.41 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
01	NEL	EP	23 55 50.6				302	28	.2	
		ES	23 56 23.9						.2	
01	DAC	EP	23 55 56.6				345	342	.6	
01	LSM	EP C	23 56 .1				380	2	-.3	
01	BTY	EP	23 56 2.3				398	355	-.5	
.....										
02	6 44	55.42	35.46 N 117.51 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
BORON										
02	DAC	IP D	06 45 10.6				92	355	.2	
		ES	06 45 20.8						-.6	
02	BTY	EPN	06 45 22.9				173	23	-.0	
		IPG	06 45 24.2							
		IS	06 45 43.5						.4	
02	LSM	EPN	06 45 23.7				181	38	-.1	
		IPG	06 45 25.8							
02	MCV	E(P)	06 45 24.8				189	46	-.1	
02	SMN	EP	06 45 26.3				199	19	.1	
02	CPX	EP	06 45 27.6				210	38	.0	
		ES	06 45 54.3						3.2	
02	NEL	EP	06 45 31.7				243	83	-.1	
.....										
03	8 38	40.82	37.14 N 114.49 W	DEPTH = 17.6 KM			FREE DEPTH SOLUTION			
TULE DESERT										
03	ALA	EP	08 38 51.0				59	284	.2	
		ES	08 38 57.7						-.4	
03	LEE	EP D	08 38 57.1				99	83	.0	
		IS	08 39 8.9						-.1	
03	NYJ	E(P)	08 39 2.7				133	264	.2	
03	CPX	E(P)	08 39 3.8				141	261	.0	

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
. 03	MCV	E(P)	08 39 4.4				146	248	-.1		
. 03	LSM	E(P)	08 39 7.0				165	255	-.0		
.		IPG	08 39 8.1								
.		IS	08 39 28.5						2.3		
. 03	SMN	E(P)	08 39 11.7				202	271	-.0		
. 03	BTY	E(P)	08 39 12.0				204	263	-.0		
.....											
03	DAC	EP C	12 08 59.0								
		IS	12 09 9.2								
03	BTY	EP	12 09 12.5								
03	LSM	E(P)	12 09 14.0								
03	NYM	EP	12 09 15.5								
03	SMN	EP	12 09 16.6								
.....											
. 04	2 4 4.55		37.15 N 114.48 W				DEPTH = 10.0 KM				FIXED DEPTH SOLUTION
.			TULE DESERT								
. 04	LEE	EP	02 04 20.4				99	84	-.2		
.		ES	02 04 32.5						.2		
. 04	NYJ	EP	02 04 26.5				133	264	.3		
. 04	NYM	EP	02 04 26.9				140	274	-.3		
. 04	GPX	EP	02 04 27.8				142	261	.3		
. 04	MCV	EP C	02 04 28.2				147	248	-.2		
. 04	LSM	IP C	02 04 31.4				166	255	-.1		
.....											
. 04	5 52 57.56		36.06 N 118.16 W				DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
.			KERN PEAK								
. 04	DAC	IP C	05 53 6.4				56	65	-.2		
.		ES	05 53 13.2						.0		
. 04	BTY	E(P)	05 53 22.6				155	53	-.1		
. 04	SMN	EP	05 53 25.7				173	46	.1		
. 04	LSM	EP	05 53 27.7				185	65	.2		
.....											
. 04	6 4 16.54		36.09 N 118.17 W				DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
.			KERN PEAK								
. 04	DAC	IP C	06 04 25.4				56	68	-.2		
.		ES	06 04 32.2						.0		
. 04	BTY	E(P)	06 04 41.5				155	54	-.1		
. 04	SMN	EP	06 04 44.5				172	47	.1		
. 04	LSM	EP	06 04 46.7				185	66	.2		
.....											
04	DAC	EP	09 32 41.3								
		ES	09 32 51.6								
04	BTY	E(P)	09 32 54.0								
04	LSM	E(P)	09 32 55.2								
04	MCV	E(P)	09 32 58.1								
04	SMN	E(P)	09 32 58.9								
04	NYM	EP	09 33 2.4								
05	DAC	EP	01 42 58.5								
05	BTY	E(P)	01 43 13.0								
05	LSM	EPN	01 43 15.8								
		EPG	01 43 18.9								
		ES	01 43 43.0								
05	NEL	E(P)	05 54 2.6								
		ES	05 54 32.8								
05	MCV	EP	05 54 14.4								
05	DAC	EP C	05 54 14.8								
05	LSM	EPN	05 54 16.0								

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		IPG	05 54 25.2							
05	CPX	E(P)	05 54 18.7							
05	NYJ	EP	05 54 19.9							
05	BTY	E(P)	05 54 20.2							
05	SMN	E(P)	05 54 23.7							
05	NEL	E(P)	09 25 31.0							
05	MCV	EP	09 25 42.3							
05	DAC	EP	09 25 42.8							
		IS	09 26 1.4							
05	LSM	EP	09 25 44.2							
05	NEL	EP	11 16 45.0							
		IS	11 17 12.1							
05	DAC	EP	11 16 53.3							
05	MCV	EP	11 17 .6							
05	NEL	E(P)	14 14 18.6							
		IS	14 14 45.5							
05	MCV	EP	14 14 26.5							
05	DAC	EP	14 14 27.0							
05	LSM	E(P)	14 14 28.4							
05	NYJ	EP	14 14 32.1							
05	NEL	EP	19 53 28.9							
		IS	19 53 55.6							
05	DAC	IP C	19 53 37.1							
05	LSM	E(P)	19 53 39.5							
06	NEL	E(P)	06 01 51.6							
		IS	06 02 18.8							
06	DAC	EP C	06 02 0.0							
06	SMN	EP	06 02 .7							

.....

06	8 16 40.87	37.52 N	117.43 W	DEPTH =	14.7 KM	FREE DEPTH SOLUTION
GOLDFIELD						
06	TPH	IP C	08 16 51.2	64	16	-.1
		IS	08 16 59.2			.2
06	SMN	IP C	08 16 52.6	72	125	-.1
06	BTY	IP C	08 16 55.7	91	140	-.1
06	NYR	IP C	08 17 1.7	129	113	-.2
06	LSM	EP	08 17 3.0	134	130	.3
06	CPX	EP C	08 17 3.5	138	118	.2
06	DAC	EP	08 17 3.6	139	186	.1
		IS	08 17 20.0			-.1
06	ALA	E(P)	08 17 12.4	205	97	-.0
		IS	08 17 40.5			5.0

.....

06	TPH	IP C	09 39 1.9			
		ES	09 39 9.8			
06	SMN	IP C	09 39 3.4			
06	BTY	IP C	09 39 6.4			
06	LSM	EP	09 39 13.8			
06	CPX	E(P)	09 39 14.4			
06	DAC	EP	09 39 14.9			
06	ALA	EP	09 39 25.4			
		IS	09 39 51.0			

.....

07	6 2 44.86	37.07 N	116.15 W	DEPTH =	7.9 KM	FREE DEPTH SOLUTION
SILENT CANYON						
07	NYR	IP	06 02 46.3	5	104	.0
07	CPX	EP	06 02 47.8	17	151	-.0
		IS	06 02 50.0			.0
07	NYJ	IP	06 02 47.8	17	113	.0

.....

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.		IS	06 02 49.9						-0.0	.
07	NEL	EP	07 18 30.3							
		IS	07 18 57.2							
07	MCV	E(P)	07 18 38.2							
07	DAC	EP	07 18 38.5							
07	BTY	E(P)	07 18 44.2							
07	22 21 29.15		36.48 N 114.69 W			DEPTH = 1.5 KM				FREE DEPTH SOLUTION
			HOOVER DAM							
07	NEL	IP C	22 21 43.1				86	189	.0	
07	MCV	EP	22 21 48.0				118	279	-0.3	
07	LSM	EP	22 21 52.7				145	282	.1	
		E(S)	22 22 9.8						.1	
07	BTY	EP	22 22 .2				191	285	.1	
07	SMN	E(P)	22 22 1.3				199	292	.0	
07	DAC	E(P)	22 52 7.4							
07	NEL	E(P)	22 52 10.7							
07	MCV	EP	22 52 12.1							
07	LSM	EP	22 52 13.1							
07	BTY	EP	22 52 15.1							
		ES	22 52 42.1							
08	7 11 3.52		39.25 N 116.29 W			DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE
										SOUTHERN NEVADA REGION
08	ELY	E(P)	07 11 23.1				121	96	.1	
08	BMN	E(P)	07 11 27.4				154	329	-0.1	
08	TPH	E(P)	07 11 27.8				154	212	.3	
08	LSM	EP	07 11 43.2				279	180	-0.4	
		ES	07 12 21.1						8.2	
09	6 41 .64		36.87 N 116.29 W			DEPTH = 4.6 KM				FREE DEPTH SOLUTION
			LATHROP WELLS							
09	LSM	IP D	06 41 3.1				15	177	.0	
		IS	06 41 4.9						.0	
09	CPX	EP	06 41 4.1				22	73	-0.0	
09	MCV	EP	06 41 6.6				37	136	.0	
09	NYM	EP C	07 53 21.8							
09	NYJ	IP C	07 53 23.6							
09	NYC	EP	07 53 23.7							
		ES	07 53 37.2							
09	NYM	EP C	07 54 58.6							
09	NYJ	IP C	07 55 .5							
09	NYC	EP	07 55 .6							
		ES	07 55 13.8							
09	9 50 22.53		37.01 N 116.13 W			DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
			SILENT CANYON							
09	CPX	EP	09 50 24.2				11	142	-0.1	MASS MTN NTS
09	NYJ	EP	09 50 24.7				14	90	-0.1	
		ES	09 50 26.7						.2	
09	LSM	E(P)	09 50 27.9				33	204	.1	

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
09	10	0	53.43	37.01 N	116.13 W	DEPTH =	5.0 KM			FIXED DEPTH SOLUTION
SILENT CANYON										
09	CPX	EP	10 00 55.1				11	142	-.1	MASS MTN NTS
09	NYJ	EP	10 00 55.6				14	90	-.1	
		ES	10 00 57.6						.2	
09	LSM	E(P)	10 00 58.8				33	204	.1	
.....										
09	DAC	IP C	13 36 39.7							
		ES	13 36 43.6							
09	LSM	E(P)	13 37 1.7							
09	NYM	E(P)	13 37 7.0							
.....										
09	15	37	47.42	37.60 N	117.46 W	DEPTH =	5.0 KM			FIXED DEPTH SOLUTION
GOLDFIELD										
09	SMN	IP C	15 38 0.0				80	129	-.3	
09	BTY	IP C	15 38 3.0				100	141	-.6	
09	NYC	IP C	15 38 7.6				126	113	-.1	
09	NYM	EP	15 38 8.6				131	108	-.0	
		ES	15 38 24.1						-.1	
09	LSM	IP	15 38 11.7				142	132	1.3	
.....										
09	DAC	EP	19 41 24.2							
		E(S)	19 41 43.5							
09	LSM	E(P)	19 41 36.3							
09	NYM	EP	19 41 44.0							
.....										
14	NEL	IPND	20 01 32.7							
		IPG	20 01 36.4							
14	DAC	IPND	20 01 37.6							
		EPG	20 01 42.1							
14	MCV	IPND	20 01 40.1							
		EPG	20 01 46.5							
14	LSM	EPND	20 01 41.2							
14	SMN	IPND	20 01 47.1							
		EPG	20 02 55.0							
14	ALA	IP D	20 01 52.0							
		ES	20 02 50.4							
14	LEE	IPND	20 02 .3							
14	TPH	E(P)	20 02 1.0							
.....										
14	NEL	EP	22 54 48.6							
14	LEE	E(P)	22 54 58.9							
		ES	22 55 8.1							
14	LSM	E(P)	22 55 3.4							
.....										
14	23	33	48.75	35.73 N	116.04 W	DEPTH =	5.0 KM			FIXED DEPTH SOLUTION
SHOSHONE										
14	MCV	E(P)	23 34 4.3				101	2	-.7	
14	NEL	EP	23 34 4.8				108	91	-1.5	
		ES	23 34 21.0						1.9	
14	LSM	EP	23 34 7.2				114	349	-.0	
14	BTY	EP	23 34 12.5				145	334	.3	
14	DAC	EP	23 34 13.6				152	294	.2	
14	SMN	E(P)	23 34 16.8				170	338	.5	
.....										
15	NYM	EP	22 01 55.9							
15	NYJ	CP	22 01 57.6							
15	NYC	EP	22 01 57.8							
15	LSM	EP	22 02 3.3							
		ES	22 02 22.6							

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	23 38	1.31	37.90 N 117.40 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
.....										
GOLDFIELD										
15	SMN	EP	23 38 17.5				101	146	-.3	
15	NYC	E(P)	23 38 24.2				138	126	.5	
15	NYJ	EP	23 38 25.2				160	127	-1.9	
15	NYR	EP	23 38 26.2				149	128	.7	
15	LSM	EP	23 38 28.1				163	142	.7	
		ES	23 38 46.4						-.2	
.....										
.....										
15	23 39	33.43	37.90 N 117.42 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
.....										
GOLDFIELD										
15	SMN	IP C	23 39 50.2				102	145	.3	
15	BTY	EP	23 39 53.3				126	152	-.5	
		ES	23 40 8.8						.0	
15	NYC	EP	23 39 56.8				139	126	.9	
15	NYJ	IP	23 39 57.9				161	127	-1.7	
15	LSM	EP	23 40 .7				164	141	.7	
		E(S)	23 40 19.4						-.0	
.....										
.....										
16	12 4	25.28	36.99 N 116.16 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
.....										
Lathrop WELLS										
16	CPX	IPGD	12 04 27.0				12	125	-.2	MASS MTN.
16	NYJ	EPG	12 04 28.2				17	83	.2	
16	LSM	EPG	12 04 29.9				30	200	-.2	
		IS	12 04 34.0						.4	
.....										
.....										
16	14 37	8.28	36.99 N 116.16 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
.....										
LATHROP WELLS										
16	CPX	EP	14 37 10.0				12	125	-.2	MASS MTN.
16	NYJ	EP	14 37 11.2				17	83	.2	
16	LSM	EP	14 37 12.9				30	200	-.2	
		ES	14 37 17.0						.4	
.....										
17	NEL	EPN	06 24 57.0							
		EPG	06 25 1.5							
		IS	06 25 29.4							
17	DAC	E(P)	06 25 .5							
17	LSM	E(P)	06 25 4.3							
		EPG	06 25 9.4							
17	SMN	E(P)	06 25 8.9							
.....										
.....										
17	14 39	11.92	36.98 N 116.14 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
.....										
LATHROP WELLS										
17	CPX	IPGD	14 39 13.4				9	124	-.1	MASS MTN.
17	NYJ	EPG	14 39 14.3				15	77	-.1	
		ES	14 39 16.3						.1	
17	NYC	EPG	14 39 15.0				20	356	-.1	
17	LSM	E(P)	14 39 16.7				29	205	.0	
17	NYM	E(P)	14 39 16.7				29	15	.1	
.....										
18	SAC	IP	04 00 44.5							
18	CRC	EP	04 00 50.5							
18	MDC	IP	04 00 53.4							

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	CBC	IP	23 21 17.2							
18	HCC	EP	23 21 19.2							
.....										
19	0 38	28.19	37.34 N	117.79 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
19	SMN	EP	00 38 43.2				93	103	.0	
19	BTY	E(P)	00 38 44.6				103	118	-.3	
19	DAC	EP	00 38 47.5				119	172	.0	
19	LSM	EP	00 38 52.7				150	116	.3	
		E(S)	00 39 10.2						.0	
.....										
19	8 50	29.45	37.73 N	115.10 W	DEPTH =	25.5 KM	FREE DEPTH SOLUTION			
HIKO										
19	NYR	EP	08 50 48.0				116	230	-.2	
		ES	08 51 4.0						2.1	
19	CPX	EP	08 50 49.4				123	224	.2	
19	MCV	EPN	08 50 52.2				146	214	-.2	
		EPG	08 50 53.1							
19	LSM	IP D	08 50 53.0				152	224	-.2	
19	ELY	IPN	08 50 53.5				157	6	-.2	
		EPG	08 50 54.5							
19	SMN	EPN	08 50 54.5				162	247	.1	
		EPG	08 50 55.6							
19	LEE	E(P)	08 50 54.5				161	109	.2	
19	BTY	E(P)	08 50 56.1				175	238	.0	HIKO NEV
19	TPH	IP C	08 50 58.2				191	282	.2	
19	NEL	E(P)	08 51 2.6				226	174	-.0	
		IPG	08 51 6.5							
.....										
19	13 7	1.56	36.72 N	115.82 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
MERCURY										
19	MCV	IP D	13 07 4.1				19	240	-.5	
19	CPX	E(P)	13 07 6.6				32	318	-.0	
		ES	13 07 10.0						-.4	
19	LSM	E(P)	13 07 9.0				41	273	.9	
		ES	13 07 12.8						-.2	
.....										
19	21 6	45.08	36.02 N	114.76 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
HOOVER DAM										
19	NEL	IP C	21 06 50.5				35	193	-.1	
		E(S)	21 06 54.9						.2	
19	MCV	EP	21 07 6.2				131	302	-.0	
19	LSM	E(P)	21 07 10.4				158	301	-.3	
19	BTY	E(P)	21 07 18.4				204	299	.3	
.....										
19	23 8	39.04	35.74 N	115.37 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
GOODSPRINGS										
19	NEL	IP C	23 08 46.7				48	93	-.0	
		E(S)	23 08 52.4						.0	
19	MCV	E(P)	23 08 56.3				114	331	-1.2	
19	LSM	EP	23 09 1.4				138	324	.1	
19	CPX	EP	23 09 3.5				146	335	.8	
19	BTY	EP	23 09 8.3				179	316	.2	
.....										

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	STC	IP	07 24 35.6							
.....										
20	11 2	7.25	35.98 N 114.87 W	DEPTH = 3.8 KM			FREE DEPTH SOLUTION			
BOULDER CITY										
20	NEL	IP C	11 02 11.9				30	175	-.1	
		IS	11 02 15.7						.2	
20	MCV	E(P)	11 02 27.3				125	306	-.1	
20	CPX	E(P)	11 02 31.7				150	315	.2	
20	LSM	EP	11 02 31.8				152	304	-.0	
20	BTY	E(P)	11 02 39.0				198	301	.0	
.....										
20	LEE	IP D	13 28 57.3							ARIZONA
20	NEL	EPN	13 29 1.0							
		EP*	13 29 7.1							
		ES	13 29 41.1							
20	MCV	E(P)	13 29 17.8							
20	CPX	E(P)	13 29 19.9							
20	LSM	E(P)	13 29 21.1							
20	BTY	E(P)	13 29 27.2							
20	SMN	E(P)	13 29 28.6							
20	DAC	E(P)	13 29 34.7							
.....										
21	DAC	IP C	05 07 14.0							CALIFORNIA
		ES	05 07 25.0							
21	CPX	E(P)	05 07 21.9							
		ES	05 07 53.8							
21	BTY	IP D	05 07 26.7							
21	LSM	E(P)	05 07 29.0							
21	SMN	EP D	05 07 30.8							
21	MCV	EP	05 07 31.1							
21	NEL	EP	05 07 44.8							
21	TPH	EP	05 07 45.9							
.....										
21	DAC	EP C	08 17 26.0							
		ES	08 17 37.0							
21	BTY	IP C	08 17 38.7							
		IS	08 17 52.0							
21	LSM	EP	08 17 41.0							
21	SMN	EP	08 17 42.7							
21	MCV	EP	08 17 43.1							
21	CPX	E(P)	08 17 45.0							
21	NEL	E(P)	08 17 56.8							
21	TPH	E(P)	08 17 57.9							
.....										
21	13 43	37.30	36.07 N 117.55 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DARWIN										
21	DAC	E(P)	13 43 42.7				24	350	-.1	
		IS	13 43 47.2						.4	
21	BTY	IP	13 43 55.3				116	37	-.8	
21	LSM	E(P)	13 43 59.5				136	56	.5	
21	SMN	EP	13 43 59.5				139	30	.2	
.....										
21	20 58	39.16	37.53 N 115.32 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
HIKO										
21	NYM	EP	20 58 51.4				73	243	-.2	
21	NYV	EP	20 58 52.3				76	232	.3	
21	NYJ	EP	20 58 52.6				82	225	-.4	
21	CPX	E(P)	20 58 54.9				93	225	.1	
21	LSM	IP C	20 58 59.0				123	224	.1	
		ES	20 59 19.2						5.8	
.....										

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
21	22	8 36.43	36.34 N 114.88 W	DEPTH = 10.6 KM			POOR SOLUTION			
HOOVER DAM										
21	NEL	EP	22 08 47.9				70	177	-.0	
21	MCV	E(P)	22 08 52.7				105	288	-.8	
21	NYJ	E(P)	22 08 56.3				123	307	-.0	
21	CPX	E(P)	22 08 56.5				124	302	-.0	
21	LSM	E(P)	22 08 58.9				133	290	1.0	
		ES	22 09 17.3						3.6	
21	BTY	E(P)	22 09 5.1				179	290	-.0	
.....										
21	22	48 38.89	37.80 N 115.21 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
HIKO										
21	ALA	IP	22 48 46.6				59	174	-1.8	
21	NYJ	EP	22 48 57.0				111	218	.2	
21	CPX	EP D	22 48 59.1				122	218	.5	
21	MCV	E(P)	22 49 2.3				148	209	-.5	
21	ELY	E(P)	22 49 2.9				151	10	-.3	
		IS	22 49 21.6						.6	
21	LSM	EP	22 49 3.4				151	219	-.0	
		IS	22 49 22.2						.8	
21	SMN	EP	22 49 3.6				156	243	-.5	
21	TPH	E(P)	22 49 7.8				180	280	-.1	
21	NEL	E(P)	22 49 18.5				235	172	2.8	
.....										
21	22	56 38.13	36.35 N 116.75 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION			
FURNACE CREEK										
21	BTY	EP	22 56 47.7				61	359	-.8	
		ES	22 56 56.8						.7	
21	LSM	IP	22 56 47.9				61	44	-.5	
		ES	22 56 56.8						.9	
21	MCV	EP	22 56 50.8				74	64	.3	
21	DAC	EP	22 56 51.2				76	265	.4	
21	CPX	E(P)	22 56 52.5				90	43	-.5	
21	SMN	EP	22 56 52.6				89	359	-.2	
21	NYM	E(P)	22 56 57.6				116	32	.4	
.....										
22	4	56 5.93	37.74 N 115.97 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
WORTHINGTON PEAK										
22	NYJ	EP	04 56 18.8				81	180	-.2	
22	CPX	EP	04 56 19.9				90	185	-.6	
22	SMN	IP D	04 56 21.5				97	227	-.1	
22	LSM	E(P)	04 56 24.7				115	194	.2	
		ES	04 56 38.6						.6	
22	TPH	IP C	04 56 24.7				116	289	.0	
		ES	04 56 28.7						-9.7	
22	BTY	EP	04 56 24.8				117	217	-.1	
22	MCV	EP	04 56 26.2				123	181	.4	
22	ELY	E(P)	04 56 35.3				181	31	.1	
.....										
22	4	57 54.41	37.78 N 115.98 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
WORTHINGTON PEAK										
22	NYS	E(P)	04 58 7.9				85	191	-.2	
22	CPX	E(P)	04 58 8.9				94	184	-.8	
22	SMN	IP	04 58 10.4				99	225	-.0	
22	BTY	E(P)	04 58 13.7				120	215	-.2	

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 22	LSM	EP	04 58 14.6				119	193	1.0	
. 22		IS	04 58 27.6						-.1	
. 22	MCV	E(P)	04 58 15.2				127	181	.2	
.....										
. 22	6 0 43.28	37.74 N 116.06 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION						
QUARTZITE MTN.										
. 22	NYJ	E(P)	06 00 55.7				81	175	-.7	
. 22	SMN	E(P)	06 00 57.4				91	224	-.6	
. 22	CPX	E(P)	06 00 58.4				89	180	.7	
. 22	LSM	E(P)	06 01 1.5				113	190	-.0	
. 22		E(S)	06 01 14.7						-.1	
. 22	BTY	E(P)	06 01 2.2				113	214	.7	
.....										
. 22	6 14 3.57	37.81 N 116.06 W	DEPTH = 0.0 KM	POOR SOLUTION						
QUARTZITE MTN.										
. 22	NYM	E(P)	06 14 12.9				65	180	-1.1	
. 22	SMN	E(P)	06 14 19.2				98	220	-.1	
. 22	CPX	E(P)	06 14 20.3				98	180	.9	
. 22	BTY	E(P)	06 14 23.1				120	212	.1	
. 22	LSM	EP	06 14 23.3				121	189	.1	
. 22		E(S)	06 14 37.5						-.0	
.....										
. 22	NYM	E(P)	06 33 39.3							
. 22	SMN	E(P)	06 33 45.9							
. 22	LSM	EP	06 33 50.0							
. 22		E(S)	06 40 32.0							
. 22	BTY	E(P)	06 33 50.7							
.....										
. 22	NYM	EP	09 02 50.5							
. 22	CPX	EP	09 02 53.9							
. 22	MCV	E(P)	09 02 59.5							
. 22	LSM	IP	09 02 58.1							
. 22		ES	09 03 18.2							
. 22	SMN	E(P)	09 02 58.5							
. 22		IS	09 03 19.2							
. 22	BTY	E(P)	09 03 0.0							
.....										
. 22	15 41 31.09	36.90 N 115.96 W	DEPTH = 4.0 KM	FREE DEPTH SOLUTION						
MERCURY										
. 22	CPX	IP D	15 41 32.4				9	293	-.2	MASS MTN
. 22		IS	15 41 33.8						.1	
. 22	NYJ	IP	15 41 33.0				12	354	-.0	
. 22		IS	15 41 34.7						.2	
. 22	NYR	E(P)	15 41 34.4				21	326	-.0	
. 22	NYS	E(P)	15 41 34.9				24	308	.0	
. 22	NYV	E(P)	15 41 34.9				24	354	.0	
. 22	LSM	EP	15 41 36.6				34	238	.1	
.....										
. 23	4 43 17.70	36.14 N 117.74 W	DEPTH = 8.0 KM	FREE DEPTH SOLUTION						
DARWIN										
. 23	DAC	IP D	04 43 21.1				20	41	.0	
. 23	BTY	E(P)	04 43 37.1				121	46	-.2	
. 23	SMN	EP	04 43 40.8				142	38	.2	
. 23	LSM	EP	04 43 41.6				147	63	.1	
. 23		E(S)	04 43 59.0						.0	
.....										

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	NEL	E(P)	11 19 6.4							
		ES	11 20 19.9							
23	MCV	E(P)	11 19 18.8							
23	LSM	E(P)	11 19 20.7							
23	NYJ	EP	11 19 24.4							
23	SMN	EP()	11 19 27.4							
.....										
24	2 12 31.72	37.71 N	115.04 W	DEPTH =	20.0 KM					POOR SOLUTION
			HIKO							
24	ALA	IP	02 12 40.2				50	190	-.1	
		IS	02 12 46.2						-.4	
24	NYM	E(P)	02 12 49.0				104	240	.2	
24	NYV	EP	02 12 49.5				107	232	.2	
24	NYJ	EP	02 12 50.6				114	227	.2	
24	CPX	E(P)	02 12 52.6				125	227	.5	
24	LSM	E(P)	02 12 56.1				154	226	-.1	
		IS	02 13 16.6						2.5	
24	ELY	E(P)	02 12 57.0				159	5	.2	
24	SMN	E(P)	02 12 57.5				165	248	-.1	
24	BTY	E(P)	02 12 58.9				178	240	-.4	
24	TPH	E(P)	02 13 1.0				196	283	-.5	
.....										
24	DAC	EP	10 07 5.3							
24	NEL	EP	10 07 11.3							
		E(S)	10 07 42.3							
24	BTY	E(P)	10 07 15.6							
24	LSM	E(P)	10 07 15.6							
24	TPH	EP D	16 00 45.2							
		ES	16 00 53.4							
24	SMN	EP	16 00 50.2							
24	BTY	EP	16 00 53.5							
.....										
25	9 59 9.73	37.22 N	116.51 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			THIRSTY CANYON							
25	SMN	IPGD	09 59 13.5				25	250	-.1	
		IS	09 59 16.5						.0	
25	NYM	E(P)	09 59 16.0				40	88	-.1	
25	NYR	EPG	09 59 16.1				41	116	-.2	
25	BTY	IPGD	09 59 16.4				43	213	-.2	
25	CPX	IPG	09 59 18.0				51	128	.1	
25	LSM	E(P)	09 59 19.0				57	159	.1	
		IS	09 59 26.1						.4	
25	TPH	EPGC	09 59 28.3				114	326	.2	
.....										
26	2 12 26.79	37.09 N	115.83 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
			GROOM LAKE							
26	CPX	E(P)	02 12 30.5				27	229	-.5	
26	NYM	E(P)	02 12 30.8				25	309	.0	
26	LSM	E(P)	02 12 36.2				56	226	.4	
		ES	02 12 42.4						.1	
.....										
26	8 9 40.98	37.19 N	116.80 W	DEPTH =	6.8 KM					FREE DEPTH SOLUTION
			THIRSTY CANYON							
26	SMN	IP D	08 09 42.3				6	153	-.0	
26	BTY	EP	08 09 46.3				33	175	-.1	
		IS	08 09 50.5						.2	
26	NYM	E(P)	08 09 51.7				66	86	.1	

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 26	LSM	EP	08 09 52.0				68	137	-.0	
.		IS	08 10 0.0						-.1	
.....										
. 26	10 7 52.08		36.74 N	115.44 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
.	HAYFORD PEAK									
. 26	MCV	EP	10 08 .1				51	256	-.2	
. 26	CPX	IP D	10 08 1.3				59	291	-.2	
. 26	ALA	EP	10 08 2.5				65	25	.0	
. 26	LSM	EP	10 08 4.1				75	270	.0	
. 26	NYM	EP	10 08 4.1				77	315	-.3	
. 26	BTY	E(P)	10 08 11.4				119	278	.1	
.		ES	10 08 29.3						3.9	
. 26	NEL	EP	10 08 12.6				127	155	.0	
. 26	SMN	E(P)	10 08 13.0				126	291	.6	
.....										
. 26	14 0 56.15		36.76 N	115.95 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
.	MERCURY									
. 26	MCV	IP D	14 00 58.5				15	198	.1	
. 26	CPX	IP D	14 00 59.3				22	334	-.2	
. 26	LSM	IP	14 01 .6				29	266	-.2	
. 26	NYM	EP	14 01 4.9				53	350	.2	
. 26	BTY	EP C	14 01 8.0				74	282	-.1	
.		ES	14 01 17.2						.3	
. 26	SMN	IP	14 01 9.9				84	301	.1	
.....										
. 26	20 16 29.03		36.40 N	114.41 W	DEPTH =	22.3 KM	FREE DEPTH SOLUTION			
.	VIRGIN BASIN									
. 26	NEL	EP	20 16 43.4				86	207	-.0	
. 26	ALA	EP	20 16 48.2				116	326	.1	
. 26	LEE	IP C	20 16 50.2				131	44	-.0	
.		ES	20 17 9.0						3.3	
. 26	NYJ	EP	20 16 53.0				155	296	-.5	
. 26	CPX	IP	20 16 53.9				159	292	.0	
. 26	LSM	EP	20 16 55.5				171	283	-.0	
.		ES	20 17 19.6						4.7	
. 26	BTY	EP C	20 17 1.8				218	285	.3	
.....										
27	ALA	IP D	01 53 52.4							
27	NEL	E(P)	01 53 59.9							
		IP*	01 54 2.2							
		IS	01 54 31.5							
27	NYM	EP	01 54 2.0							
27	CPX	E(P)	01 54 3.1							
27	LSM	E(P)	01 54 5.4							
27	MCV	IP C	01 54 7.4							
27	SMN	IP	01 54 10.1							
27	BTY	EP	01 54 10.4							
.....										
27	LEE	IP D	08 41 38.9							
27	ALA	IP D	08 42 3.0							
27	NEL	E(P)	08 42 10.0							
		I	08 42 13.0							
		IS	08 42 42.3							
27	NYJ	EP	08 42 12.5							
27	LSM	E(P)	08 42 17.0							
27	MCV	EP	08 42 18.3							
27	SMN	EP	08 42 21.1							
27	BTY	EP	08 42 21.5							

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
27	14 21	14.36	37.31 N 117.59 W	DEPTH =			0.0 KM	FREE DEPTH SOLUTION		
MAGRUDER MTN.										
27	SMN	EP	14 21 26.3				76	104	-.2	
27	BTY	EP	14 21 27.9				87	122	-.5	
27	TPH	IP C	14 21 29.4				91	21	.4	
27	DAC	IP C	14 21 32.9				115	180	.0	
		IS	14 21 46.7						.3	
27	NYC	IP C	14 21 35.0				129	97	-.1	
27	NYS	IP	14 21 35.2				130	103	-.2	
27	LSM	EP	14 21 35.7				133	118	-.2	
.....										
27	MCV	IP C	14 21 40.5				160	117	.2	
		ES	14 22 .6						1.3	
.....										
27	14 44	39.14	37.29 N 117.58 W	DEPTH =			10.0 KM	FIXED DEPTH SOLUTION		
MAGRUDER MTN.										
27	SMN	EP	14 44 50.9				74	102	-.3	
27	BTY	IP	14 44 53.0				85	121	.1	
27	TPH	E(P)	14 44 54.6				93	20	.4	
27	DAC	EP	14 44 57.4				112	180	.1	
27	NYC	IP C	14 44 59.4				127	96	-.4	
27	NYS	EP	14 44 59.6				129	102	-.4	
27	LSM	EP	14 45 .2				131	117	-.2	
		ES	14 45 17.2						1.2	
27	CPX	E(P)	14 45 1.9				141	106	-.1	
27	MCV	IP	14 45 5.0				158	117	.2	
.....										
27	14 51	25.41	37.40 N 117.76 W	DEPTH =			0.0 KM	FIXED DEPTH SOLUTION		
MAGRUDER MTN.										
27	SMN	IP	14 51 40.4				93	108	.0	
27	BTY	EP C	14 51 42.2				105	122	-.2	
27	NYC	IP D	14 51 48.8				145	100	-.0	
		ES	14 52 6.0						-.0	
27	LSM	EP	14 51 50.0				151	119	.1	
27	MCV	E(P)	14 51 54.5				179	118	.2	
.....										
27	DAC	EP	20 06 43.0							
		ES	20 07 2.6							
27	BTY	EP	20 06 54.4							
27	SMN	EP C	20 06 57.9							
.....										
28	0 7	25.42	37.24 N 116.52 W	DEPTH =			12.0 KM	FREE DEPTH SOLUTION		
THIRSTY CANYON										
28	SMN	IP D	00 07 29.8				25	243	.1	
28	NYS	EP	00 07 31.8				39	127	-.1	
28	NYM	EP	00 07 32.3				41	92	.0	
28	BTY	EP	00 07 32.7				45	209	-.1	SILENT CANYON
28	LSM	EP	00 07 35.4				60	159	.1	
		IS	00 07 42.5						.0	
.....										
28	0 36	14.74	38.20 N 118.66 W	DEPTH =			10.0 KM	FIXED DEPTH SOLUTION		
POWELL MTN.										
28	TPH	EP	00 36 35.0				127	96	-.2	
		ES	00 36 50.5						.3	
28	SMN	E(P)	00 36 45.9				204	124	-.7	

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	BTY	EP	00 36 49.0				222	130	.1	
28	DAC	EP	00 36 50.8				234	156	.4	
		ES	00 37 16.5						-.1	
28	NYM	EP	00 36 54.0				254	114	1.0	
28	LSM	I(P)	00 36 54.1				266	127	-.5	
.....										
28	NEL	EP C	01 40 2.3							
		ES	01 40 11.4							
28	MCV	E(P)	01 40 5.7							
28	LSM	EP	01 40 9.7							
29	TPH	E(P)	12 04 30.5							
		ES	12 04 47.5							
29	SMN	E(P)	12 04 34.3							
29	BTY	EP	12 04 37.3							
29	LSM	I(P)	12 04 44.6							
.....										
29	19 2 32.46		37.64 N 117.35 W			DEPTH = 10.0 KM				FIXED DEPTH SOLUTION
GOLDFIELD										
29	SMN	EP	19 02 44.1				76	137	-.7	
		ES	19 02 53.9						.0	
29	BTY	EP	19 02 48.8				98	148	.4	
29	NYS	E(P)	19 02 52.7				125	123	-.0	
29	CPX	E(P)	19 02 55.4				140	124	.3	
.....										
29	DAC	EP	19 27 15.7							
		ES	19 27 35.0							
29	BTY	EP C	19 27 27.1							
29	SMN	EP C	19 27 30.6							
.....										
30	0 3 15.10		37.31 N 114.81 W			DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
DELAMAR MTN.										
30	ALA	IP	00 03 19.0				29	262	-.8	
30	NYJ	I(P)	00 03 33.0				109	253	.4	
30	LEE	E(P)	00 03 34.7				127	93	-1.0	
		IS	00 03 51.9						1.1	
30	NYC	EP	00 03 35.0				120	262	.5	
30	LSM	EP	00 03 38.4				145	245	-.2	
.....										
30	2 46 19.71		37.52 N 118.55 W			DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
GLASS MTN.										
30	TPH	IP C	02 46 40.9				131	62	.0	
30	DAC	EP D	02 46 46.1				163	148	.1	
		IS	02 47 5.4						.1	
30	SMN	EP	02 46 46.4				163	104	.3	
30	BTY	E(P)	02 46 47.2				173	113	-.5	
30	LSM	E(P)	02 46 53.4				219	113	-.7	
		EPG	02 46 55.5							
30	NYS	EP	02 46 54.5				217	104	.7	
.....										
30	ALA	IP	03 23 11.8							
30	NYJ	E(P)	03 23 25.7							
30	LSM	E(P)	03 23 31.5							
		ES	03 23 48.2							
30	BTY	E(P)	03 23 37.3							
30	DAC	E(P)	19 30 1.5							
30	TPH	E(P)	19 30 12.6							
30	LSM	E(P)	19 30 13.8							

SEISMOLOGICAL BULLETIN

APR 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	19 31 17.6							
30	BTY	E(P)	19 30 16.7							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	12 45	41.05	36.07 N	115.99 W	DEPTH =	3.5 KM	FREE DEPTH SOLUTION			
MERCURY										
01	CPX	EP	12 45 42.4				9	320	-.0	
01	NYJ	EP	12 45 43.5				15	6	.0	
01	NYS	EP	12 45 44.8				24	319	.0	
01	LSM	EPG	12 45 45.7				29	240	-.1	
		ES	12 45 49.3						.1	
.....										
01	13 51	44.81	37.02 N	116.08 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
SILENT CANYON										
01	CPX	IP D	13 51 45.5				10	167	-.8	
01	NYS	IP C	13 51 45.5				8	282	-.5	
		ES	13 51 47.2						.4	
01	NYJ	E(P)	13 51 46.6				10	97	.4	
01	NYC	E(P)	13 51 47.3				17	337	-.1	
01	LSM	E(P)	13 51 51.2				36	210	.7	
.....										
02	14 54	4.96	37.89 N	115.03 W	DEPTH =	16.8 KM	FREE DEPTH SOLUTION			
HIKO										
02	NYM	E(P)	14 54 24.0				116	232	.1	
02	NYV	E(P)	14 54 25.0				121	225	.3	
02	NYJ	IP C	14 54 25.4				129	221	-.6	
02	NYC	E(P)	14 54 25.9				129	231	-.0	
02	NYR	E(P)	14 54 26.5				132	226	.0	
02	NYS	E(P)	14 54 27.7				139	227	.2	
02	MCV	E(P)	14 54 31.0				164	212	-.1	
02	LSM	I(P)	14 54 32.0				169	221	.3	
		ES	14 54 51.3						-.0	
02	SMN	E(P)	14 54 32.2				175	242	-.2	
.....										
02	19 55	8.40	37.27 N	116.41 W	DEPTH =	11.1 KM	FREE DEPTH SOLUTION			
SILENT CANYON										
02	NYC	EP	19 55 12.5				26	119	-.3	
02	SMN	IP D	19 55 13.9				35	247	-.3	
		ES	19 55 18.7						.3	
02	NYM	E(P)	19 55 14.0				32	97	.3	
02	BTY	E(P)	19 55 17.1				52	218	.1	
.....										
02	DAC	EP	20 52 12.4							
02	LSM	EP	20 52 15.1							
		ES	20 52 27.4							
02	MCV	EP	20 52 15.7							
02	BTY	EP	20 52 16.7							
02	SMN	E(P)	20 52 20.9							
02	NEL	EP	20 52 25.8							
03	TSV	EPG	01 50 17.4							
03	CPX	E(P)	04 23 16.5							
		IS	04 23 22.3							
03	NYJ	E(P)	04 23 18.9							
		IS	04 23 24.8							
03	LSM	E(P)	04 23 21.0							
03	MCV	E(P)	04 23 24.3							
04	BMN	E(P)	06 10 33.2							
04	TPH	E(P)	06 10 34.2							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	LSM	ES	06 11 3.6							
		E(P)	06 10 41.0							
.....										
04	14 22 46.36	37.04 N 115.83 W	DEPTH = 31.0 KM	FREE DEPTH SOLUTION						
GROOM LAKE										
04	NYV	IP D	14 22 51.2				16	301	-.7	
04	NYR	EPG	14 22 51.8				23	275	-.7	
		IS	14 22 57.1						.2	
04	NYJ	IPGD	14 22 52.2				13	256	.6	
04	NYC	EPGD	14 22 53.3				31	295	-.0	
04	NYS	EPG	14 22 53.3				30	269	.2	
04	NYM	E(P)	14 22 53.5				29	318	.5	
.....										
04	NEL	EP	15 26 43.9							
		ES	15 27 8.2							
04	LEE	E(P)	15 26 56.6							
04	LSM	EP	15 27 13.0							
.....										
04	21 27 40.31	36.81 N 117.66 W	DEPTH = 15.0 KM	FIXED DEPTH SOLUTION						
DRY MTN.										
04	DAC	E(P)	21 27 49.9				60	175	-.3	
		ES	21 27 57.9						.4	
04	LSM	IP D	21 28 .5				123	93	.1	
04	NYC	EP	21 28 2.5				139	74	-.3	
04	TPH	EP	21 28 4.0				145	15	.1	
04	NYM	EP	21 28 4.8				150	71	.1	
.....										
04	DAC	IPC	22 14 16.1							
		ES	22 14 22.1							
04	LSM	EP	22 14 31.8							
04	NYS	E(P)	22 14 34.6							
05	DAC	IP C	06 38 56.5							
		IS	06 39 5.6							
05	LSM	EPN	06 39 16.0							
		EPG	06 39 18.3							
		ES	06 39 43.1							
05	SMN	E(P)	06 39 16.2							
05	NYS	EP	06 39 21.9							
05	NYR	EP	11 01 12.7							
05	NYV	EP	11 01 12.7							
05	CPX	EP	11 01 13.5							
		E(S)	11 01 22.9							
05	NYC	IP	11 01 14.8							
05	NYM	EP	11 01 15.2							
05	DAC	IP C	11 48 55.8							
		IS	11 49 5.0							
05	LSM	E(P)	11 49 15.4							
		ES	11 49 42.3							
05	SMN	E(P)	11 49 15.6							
05	NYS	EP	11 49 21.3							
05	DAC	IP D	15 09 1.1							
		IS	15 09 7.3							
05	LSM	E(P)	15 09 20.9							
05	SMN	EP	15 09 20.9							
05	DAC	EP	19 04 5.8							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	6 50	40.89	36.53 N	117.84 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
DRY MTN.										
06	DAC	IP D	06 50 46.5				35	141	-.0	
		ES	06 50 50.8						.1	
06	LSM	E(P)	06 51 3.6				141	80	-.2	
06	NYC	EP	06 51 7.2				166	65	-.5	
06	NYM	EP	06 51 10.3				177	63	.7	
.....										
.....										
06	15 52	48.92	37.18 N	116.30 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
SILENT CANYON										
06	NYC	IPGD	15 52 51.0				13	100	-.0	
		IS	15 52 52.6						.0	
06	NYS	EPG	15 52 52.1				20	144	.0	
06	NYM	IPG	15 52 52.6				23	74	.0	
.....										
06	NYC	I(P)	21 35 51.1							
06	NYM	EP	21 35 52.1							
06	LSM	IP	21 35 54.6							
		E(S)	21 36 12.6							
06	DAC	IPD	23 46 18.4							
		ES	23 46 22.3							
06	LSM	EP	23 46 40.3							
		IS	23 46 59.7							
07	NYC	EP	02 23 45.8							
		ES	02 24 1.5							
07	NYM	EP	02 23 46.8							
07	LSM	EP	02 23 48.8							
07	DAC	E(P)	10 14 42.0							
07	LSM	E(P)	10 14 52.4							
.....										
07	11 43	51.76	37.28 N	114.78 W	DEPTH =	17.1 KM	FREE DEPTH SOLUTION			
DELAMAR MTN.										
07	NYV	E(P)	11 44 9.5				109	261	-.0	
07	NYM	E(P)	11 44 10.3				113	268	.2	
07	NYC	EP	11 44 11.7				123	264	-.0	
07	LEE	EP	11 44 12.2				125	91	.1	
07	MCV	IP C	11 44 12.4				130	237	-.6	
		ES	11 44 29.1						.6	
07	LSM	EP	11 44 15.5				146	246	.0	
.....										
07	DAC	E(P)	12 27 42.9							
07	MCV	E(P)	12 27 49.8							
07	LSM	E(P)	12 27 50.1							
.....										
07	13 30	13.87	37.40 N	117.12 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
MT. JACKSON										
07	TPH	EP	13 30 25.7				75	353	-.3	
		ES	13 30 35.3						.5	
07	NYC	IP C	13 30 28.1				90	108	-.3	
		ES	13 30 44.3						5.3	
07	NYM	IP C	13 30 29.3				96	101	-.2	
07	LSM	EP	13 30 30.8				105	134	-.1	
07	NYV	EP	13 30 31.2				105	107	.3	
07	MCV	EP	13 30 35.5				131	130	.3	
.....										

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
07	TPH	EP	13 36 14.1							
		IS	13 36 23.7							
07	NYC	IP C	13 36 16.5							
07	NYM	IP C	13 36 17.7							
		ES	13 36 31.0							
07	LSM	EP	13 36 19.3							
07	NYV	EP	13 36 19.6							
07	MCV	EP	13 36 23.9							
07	NYC	EP	15 10 48.3							
07	NYM	EP	15 10 49.4							
07	LSM	EP	15 10 51.3							
		ES	15 11 8.0							
07	NYC	EP	16 52 3.8							
07	NYM	EP	16 52 5.0							
07	LSM	EP	16 52 6.9							
		ES	16 52 23.7							
07	NYC	EP	18 04 28.4							
07	NYM	EP	18 04 29.5							
07	LSM	EP	18 04 31.5							
		ES	18 04 48.3							
07	NYC	EP	18 08 54.7							
07	NYM	EP	18 08 55.8							
07	LSM	EP	18 08 57.8							
		ES	18 09 14.7							
07	LSM	EP	18 08 57.8							
		ES	18 09 14.7							
07	MCV	E(P)	18 09 2.0							
07	DAC	IP D	18 22 55.4							
07	LSM	EP D	18 23 16.6							
		ES	18 23 36.7							
07	TPH	E(P)	18 23 28.4							
08	NYC	EP	02 12 31.0							
08	NYM	EP	02 12 32.2							
08	LSM	EP	02 12 34.2							
		ES	02 12 50.7							
08	NYC	EP	07 01 56.8							
08	NYM	EP	07 01 58.0							
08	LSM	IP C	07 02 0.0							
		ES	07 02 16.8							
08	TPH	EP	08 45 10.6							
08	NYC	IP C	08 45 12.9							
08	NYM	IP C	08 45 14.0							
08	LSM	EP	08 45 15.8							
		ES	08 45 32.3							
08	CPX	E(P)	08 45 17.5							
08	SMN	E(P)	08 45 20.3							
08	DAC	EP	08 45 20.9							
08	TPH	E(P)	09 01 3.5							
08	NYC	EP C	09 01 5.9							
08	LSM	EP	09 01 6.5							
		ES	09 01 15.3							
08	NYM	EP	09 01 7.0							
08	SMN	E(P)	09 01 13.2							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	14 56	56.12	37.21 N	116.03 W	DEPTH =	34.5 KM	POOR SOLUTION			
SILENT CANYON										
08	NYM	EPG	14 57 .5				3	313	-1.0	
08	CPX	IPGD	14 57 2.3				31	185	-1.1	
		ES	14 57 8.8						.1	
08	NYV	EPG	14 57 2.5				11	164	.7	
08	NYR	EPG	14 57 2.6				18	199	.4	
08	NYS	EPG	14 57 3.3				24	213	.7	
08	LSM	E(P)	14 57 6.9				57	203	.3	
		ES	14 57 13.5						-.7	
.....										
.....										
08	20 21	14.88	36.16 N	118.10 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
KERN PEAK										
08	DAC	IPGC	20 21 22.0				47	74	-.4	
		IS	20 21 27.8						-.0	
08	BTY	E(P)	20 21 38.6				144	55	.3	
		ES	20 21 55.4						.0	
08	SMN	E(P)	20 21 40.7				161	47	-.3	
08	LSM	IP	20 21 43.6				175	68	.4	
.....										
08	BMN	E(P)	22 13 21.2							
08	TPH	IP C	22 13 25.1							
		ES	22 13 55.0							
08	LSM	EP	22 13 39.1							
.....										
.....										
08	22 41	7.98	35.69 N	116.06 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
SHOSHONE										
08	NEL	E(P)	22 41 24.9				110	88	-.9	
		ES	22 41 40.0						1.2	
08	MCV	E(P)	22 41 25.1				105	3	.1	
08	LSM	E(P)	22 41 27.0				118	351	-.1	
		ES	22 41 40.9						-.3	
08	BTY	EP C	22 41 32.1				148	335	.1	
08	DAC	EP	22 41 32.9				153	296	.2	
08	SMN	E(P)	22 41 36.2				174	339	.1	
.....										
.....										
09	3 36	25.70	36.76 N	115.96 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
MERCURY										
09	MCV	IPG	03 36 28.0				15	194	.0	
09	CPX	IPGC	03 36 28.8				21	336	-.1	
09	NYJ	EPG	03 36 30.0				27	357	-.0	
09	LSM	IPGC	03 36 30.1				28	265	-.1	
		IS	03 36 33.3						-.2	
09	NYS	IPG	03 36 31.2				35	328	-.1	
09	BTY	EPGC	03 36 37.5				73	282	.0	
09	SMN	EPG	03 36 39.5				83	301	.4	
.....										
09	DAC	IP C	15 39 58.2							
09	BTY	I(P)	15 40 15.2							
		IS	15 40 30.7							
09	LSM	IP	15 40 17.0							
09	SMN	EP	15 40 18.3							
09	MCV	EP	15 40 20.1							
09	TPH	EP	15 40 32.3							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
10	3 24	58.83	37.27 N	115.22 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
ALAMO										
10	NYJ	EP	03 25 10.5				73	247	-.1	
10		IS	03 25 16.4						-2.8	
10	NYM	EP	03 25 10.7				74	267	-.0	
10	CPX	E(P)	03 25 12.2				83	244	-.0	
10	NYC	EP	03 25 12.4				84	262	.1	
10	MCV	E(P)	03 25 14.8				99	225	-.0	
10	LSM	EP	03 25 16.9				111	238	.1	
.....										
10	CPX	IP C	18 31 17.4							
10	NYJ	E(P)	18 31 18.7							
		ES	18 31 20.3							
10	LSM	E(P)	18 31 22.7							
		ES	18 31 25.4							
10	DAC	EP	19 01 16.0							
		ES	19 01 35.4							
10	BTY	E(P)	19 01 27.3							
10	LSM	E(P)	19 01 31.2							
10	DAC	IPGC	22 01 3.9							
		IS	22 01 6.8							
10	BTY	EP	22 01 18.6							
10	LSM	E(P)	22 01 21.7							
11	DAC	EP	04 51 12.0							
		ES	04 51 32.3							
11	TPH	E(P)	04 51 15.0							
		IS	04 51 38.7							
11	MCV	EP	04 51 15.4							
		IPG	04 51 17.4							
11	LSM	E(P)	04 51 15.8							
		IPG	04 51 17.8							
11	BTY	E(P)	04 51 17.7							
11	CPX	EP	04 51 21.9							
.....										
12	18 50	42.15	36.87 N	115.96 W	DEPTH =	5.4 KM	FREE DEPTH SOLUTION			
MERCURY										
12	CPX	IPGC	18 50 43.9				12	310	-.2	
12	NYJ	IP	18 50 44.7				16	354	-.1	
		IS	18 50 47.0						.3	
12	NYS	E(P)	18 50 46.4				27	315	-.0	
12	LSM	E(P)	18 50 47.4				32	244	.1	
		IS	18 50 51.1						.0	
.....										

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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13	1	49	58.00	37.16 N	116.29 W	DEPTH =	0.0 KM			FREE DEPTH SOLUTION
SILENT CANYON										
13	NYC	IPGD	01 49 59.9				12	93	.1	
13	NYS	IPG	01 50 .7				18	142	-.1	
13	NYM	IPGD	01 50 1.4				23	70	-.1	
13	NYR	E(P)	01 50 1.4				21	123	.0	
13	NYV	I(P)	01 50 2.4				27	101	.1	
13	NYJ	EPG	01 50 3.2				33	121	-.0	
13	CPX	E(P)	01 50 3.3				33	140	.0	
13	LSM	E(P)	01 50 5.6				47	178	.1	
		ES	01 50 10.8						-.3	
13	MCV	IPG	01 50 8.5				64	156	.2	

13	2	54	12.10	37.36 N	118.52 W	DEPTH =	10.0 KM			FIXED DEPTH SOLUTION
BLACKCAP MTN.										
13	TPH	IP C	02 54 33.6				139	55	-.9	
13	DAC	IP D	02 54 35.5				146	145	-.3	
		ES	02 54 53.5						.3	
13	LSM	EP	02 54 43.9				211	109	-1.0	
		ES	02 55 12.2						3.3	
13	CPX	E(P)	02 54 45.0				224	102	-1.5	
13	NYC	I(P)	02 54 45.1				211	96	.3	
13	NYS	EP	02 54 45.3				212	99	.3	
13	NYM	E(P)	02 54 46.4				219	93	.5	
13	NYV	EP	02 54 47.6				226	96	.8	
13	MCV	E(P)	02 54 47.8				238	109	-.6	
13	TSV	EP	02 54 48.0				226	65	1.2	
13	NEL	EP	02 55 13.5				377	118	7.3	

13	20	46	41.54	38.01 N	116.19 W	DEPTH =	0.0 KM			FREE DEPTH SOLUTION
WARM SPRINGS										
13	TSV	IP D	20 46 44.8				21	4	-.0	
13	NYM	EP	20 46 55.5				88	172	-.1	
13	TPH	IP C	20 46 55.9				90	275	-.2	
		IS	20 47 6.9						.2	
13	NYC	EP	20 46 56.6				95	178	-.3	
13	NYJ	E(P)	20 47 .1				113	170	.3	
13	LSM	I(P)	20 47 4.7				142	183	.2	
		ES	20 47 21.2						-.1	
13	ELY	EP	20 47 8.8				169	42	.1	

14	NEL	E(P)	02 39 39.2							
		E(S)	02 40 11.7							
14	ELY	E(P)	02 39 42.0							
14	LSM	E(P)	02 39 45.3							
14	NYC	E(P)	02 39 45.6							
14	MCV	E(P)	02 39 46.3							

14	NYC	IP D	12 00 59.2							
		IS	12 03 .7							

14	NYS	EP	12 03 .1							
14	NYM	IP C	12 03 .7							

14	NYC	IP D	15 53 10.8							
		I(S)	15 53 11.8							
14	NYM	IP D	15 53 12.0							
		I(S)	15 53 13.5							
14	NYR	I(P)	15 53 15.0							

MAY BE COLLAPSE

VERY SMALL

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	TSV	EP	21 57 42.4							
14	TPH	IP C	21 57 55.5							
14	LEE	E(P)	21 58 0.0							
	ES		21 58 35.1							
.....										
15	1 59 16.67		37.18 N 116.74 W	DEPTH =		0.0 KM				FREE DEPTH SOLUTION
			THIRSTY CANYON							
15	SMN	IP C	01 59 17.0				5	214	-.3	
15	BTY	IP D	01 59 21.5				32	185	-.3	
		IS	01 59 25.9						.4	
15	NYC	IP C	01 59 24.7				52	93	-.2	
15	NYM	EP	01 59 26.1				61	84	-.3	
15	LSM	EP	01 59 27.1				64	140	.2	
15	CPX	E(P)	01 59 27.2				66	114	-.1	
15	MCV	E(P)	01 59 31.5				89	133	.4	
15	TSV	EP	01 59 37.0				124	23	.3	
15	DAC	E(P)	01 59 37.2				126	218	.1	
.....										
15	5 9 39.25		37.23 N 116.97 W	DEPTH =		0.0 KM				FREE DEPTH SOLUTION
			THIRSTY CANYON							
15	SMN	EP D	05 09 42.2				20	117	-.2	
15	NYC	EP	05 09 50.6				72	96	-.3	
15	LSM	EP	05 09 52.4				82	131	-.0	
15	NYM	EP	05 09 52.4				81	89	.1	
		ES	05 10 1.9						.1	
15	MCV	E(P)	05 09 57.0				108	127	.2	
15	TSV	IP C	05 10 .1				129	33	.0	
.....										
15	8 55 23.49		37.17 N 117.27 W	DEPTH =		0.0 KM				FREE DEPTH SOLUTION
			MT. JACKSON							
15	NYC	EP	08 55 38.9				98	91	-.4	
		ES	08 55 55.4						4.4	
15	LSM	EP	08 55 39.3				100	118	-.3	
		ES	08 55 55.6						4.1	
15	NYM	E(P)	08 55 41.0				108	86	.1	
15	CPX	E(P)	08 55 41.8				111	103	.4	
15	MCV	E(P)	08 55 44.3				127	117	.2	
15	TSV	IP C	08 55 47.7				150	40	.0	
.....										
16	1 16 58.13		36.34 N 116.73 W	DEPTH =		0.0 KM				FIXED DEPTH SOLUTION
			FURNACE CREEK							
16	LSM	IP C	01 17 7.3				60	42	-.4	
16	BTY	EP	01 17 7.6				62	357	-.4	
		ES	01 17 16.4						1.1	
16	MCV	E(P)	01 17 10.3				73	63	.4	
16	DAC	EP	01 17 10.8				78	265	.1	
16	SMN	E(P)	01 17 12.3				89	358	-.2	
16	NYS	EP	01 17 12.6				92	33	-.3	
16	NYC	EP	01 17 14.8				104	29	-.1	
16	NEL	E(P)	01 17 27.9				184	112	.0	
16	TPH	E(P)	01 17 29.5				197	347	-.5	
16	TSV	EP	01 17 33.0				213	13	.9	
.....										
16	NYC	IP C	05 42 54.6							
16	NYS	IP	05 42 55.7							
		IS	05 42 58.4							
16	NYM	E(P)	05 42 57.6							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	NYC	IP C	05 43 42.7							
16	NYS	E(P)	05 43 43.8							
		ES	05 43 46.4							
16	NYM	E(P)	05 43 45.7							
.....										
16	5 46	30.63	37.13 N	116.41 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
SILENT CANYON										
16	NYC	IP C	05 46 33.5				23	83	-.7	
16	NYS	EP	05 46 34.5				24	117	.1	
		IS	05 46 37.3						.1	
16	NYM	E(P)	05 46 36.5				34	70	.5	
.....										
16	15 31	30.15	36.74 N	116.26 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
LATHROP WELLS										
16	LSM	IP	15 31 30.4				2	250	-1.3	
16	CPX	E(P)	15 31 34.5				28	41	-.3	
16	MCV	EP	15 31 34.9				26	118	.3	
		ES	15 31 38.5						.6	
16	NYS	EP	15 31 35.5				33	14	-.1	
16	NYJ	IP C	15 31 36.3				39	41	-.3	
16	NYC	IP C	15 31 37.4				47	12	-.4	
16	NYV	IP	15 31 38.1				48	30	.2	
16	SMN	EP	15 31 41.0				63	315	.6	
16	TSV	EP	15 31 57.1				162	3	.6	
16	BTY	EP C	15 31 38.2				48	290	.2	
.....										
16	15 36	37.33	36.76 N	116.26 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION			
LATHROP WELLS										
16	LSM	IP D	15 36 37.5				3	225	-2.2	
16	CPX	EP	15 36 41.7				26	42	-.4	
16	MCV	IP	15 36 42.1				27	121	-.1	
		IS	15 36 45.7						-.0	
16	NYS	EP	15 36 42.5				32	14	-.4	
16	NYJ	E(P)	15 36 43.7				37	42	-.1	
16	NYC	EP C	15 36 44.6				45	11	-.3	
16	BTY	EP	15 36 45.3				48	289	-.1	
16	SMN	EP	15 36 48.2				63	313	.5	
16	TSV	EP	15 37 4.9				161	3	1.7	
16	NEL	E(P)	15 37 5.8				172	132	1.2	
.....										
16	16 14	8.06	36.72 N	116.29 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
LATHROP WELLS										
16	LSM	IPGC	16 14 8.4				2	15	-1.2	
16	CPX	E(P)	16 14 12.8				31	41	-.5	
16	MCV	E(P)	16 14 12.9				27	110	.3	
		ES	16 14 16.5						.5	
16	BTY	EPGC	16 14 16.1				47	295	.3	
16	TSV	E(P)	16 14 35.6				166	3	.7	
.....										
16	MCV	E(P)	18 38 25.8							
16	NEL	E(P)	18 38 26.2							
		ES	18 38 52.3							
16	LSM	E(P)	18 38 28.4							
16	BTY	E(P)	18 38 34.4							
17	CPX	EP D	04 29 1.2							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	TSV	EP	04 29 4.1							
		E(S)	04 29 19.1							
17	LSM	EP	04 29 10.2							
17	TPH	EP C	09 54 10.6							
		IS	09 54 33.8							
17	LSM	E(P)	09 54 11.6							
17	TSV	E(P)	09 54 17.7							
18	TPH	EP	11 48 3.7							
		ES	11 48 22.2							
18	BTY	EP	11 48 14.4							
18	NYC	E(P)	11 48 18.5							
18	TSV	EP	11 48 18.7							
18	LSM	EP	11 48 20.4							
.....										
18	12 0 40.01	37.13 N 116.10 W	DEPTH = 19.0 KM	FREE DEPTH SOLUTION.						
SILENT CANYON										
18	NYC	EPG	12 00 42.9				6	294	-.2	
		IS	12 00 45.5						.2	
18	NYR	EPG	12 00 43.0				9	178	-.3	
18	NYV	EPG	12 00 43.2				10	104	-.1	
18	NYM	E(P)	12 00 43.6				11	19	.1	
18	NYS	EPG	12 00 43.8				13	210	.2	
18	NYJ	E(P)	12 00 44.3				18	143	.2	
.....										
18	TSV	EP	13 33 46.4							
		ES	13 34 12.2							
18	SMN	EP	13 33 46.5							
18	NYC	E(P)	13 33 49.3							
18	NYM	EP	13 33 49.7							
18	BTY	EP	13 33 50.3							
18	LSM	EP	13 33 52.6							
18	NYM	E(P)	14 11 54.0							
18	NYC	E(P)	14 11 56.2							
		ES	14 12 3.2							
18	NYJ	E(P)	14 11 56.7							
18	NYV	E(P)	14 11 56.8							
18	NYS	IPG	17 18 42.5							
18	NYR	IPG	17 18 42.8							
18	CPX	EPG	17 18 42.9							
18	NYJ	E(P)	17 18 43.8							
		ES	17 18 45.9							
18	NYM	EPG	17 18 46.5							
18	BTY	E(P)	17 18 57.6							
19	DAC	E(P)	23 23 44.7							
19	NEL	E(P)	23 24 .4							
19	BTY	E(P)	23 24 3.5							
19	LSM	E(P)	23 24 6.2							
		ES	23 24 44.7							
19	TPH	EP	23 24 21.3							
20	NYM	EP	08 44 4.5							
20	NYV	E(P)	08 44 5.1							
20	TSV	E(P)	08 44 5.5							
		ES	08 44 20.5							
20	NYJ	I(P)	08 44 6.3							
20	DAC	E(P)	12 04 21.2							
		ES	12 04 48.8							
20	TPH	E(P)	12 04 25.2							
20	LSM	IP C	12 04 31.4							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	NYM	EP	17 39 56.6							
20	TSV	EP	17 39 57.5							
		ES	17 40 12.5							
20	NYJ	I(P)	17 39 58.4							
20	DAC	E(P)	21 44 54.6							
20	NEL	E(P)	21 44 57.6							
		IS	21 45 26.4							
20	LSM	EP	21 45 6.7							
20	BTY	EP	21 45 8.5							
.....										
20	23 44 6.97		35.71 N 115.99 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			CLARK MTN.							
20	NEL	EP	23 44 23.7			103	90	.0		
		E(S)	23 44 40.0					4.1		
20	LSM	EP	23 44 25.4			117	347	-.5		
20	BTY	EP	23 44 31.4			149	332	.4		
20	DAC	EP	23 44 32.4			158	294	-.1		
20	NYM	EP	23 44 34.5			169	358	.2		
.....										
21	SMN	IP O	07 12 20.9							
21	BTY	E(P)	07 12 24.1							
21	TSV	E(P)	07 12 25.0							
21	NYM	E(P)	07 12 29.9							
21	LSM	E(P)	07 12 31.5							
		ES	07 12 48.1							
21	MCV	E(P)	07 12 36.1							
.....										
21	12 26 38.24		37.02 N 117.40 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			MAGRUDER MTN.							
21	SMN	E(P)	12 26 47.0			58	76	-.6		
21	BTY	E(P)	12 26 47.3			58	103	-.3		
		IS	12 26 54.4					-.1		
21	DAC	E(P)	12 26 51.5			84	192	-.3		
		IS	12 27 2.1					.4		
21	LSM	IP O	12 26 55.5			105	107	.3		
21	TPH	E(P)	12 26 57.4			119	8	.1		
21	NYJ	EP C	12 26 58.9			127	90	.1		
21	TSV	IP C	12 27 5.8			171	39	-.0		
.....										
21	12 30 54.60		37.38 N 117.17 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
			MT. JACKSON							
21	SMN	IP	12 31 1.5			44	125	-.2		
21	BTY	EP	12 31 4.7			65	146	-.3		
		ES	12 31 12.8					.1		
21	TPH	E(P)	12 31 7.0			78	357	-.0		
21	NYM	EP	12 31 10.4			101	99	-.4		
21	LSM	EP	12 31 12.0			107	131	.2		
21	TSV	I(P)	12 31 15.3			127	44	.2		
21	MCV	E(P)	12 31 16.7			133	128	.6		
.....										
21	SMN	EP	17 52 54.9							
21	NYM	E(P)	17 53 3.8							
21	LSM	I(P)	17 53 5.7							
		ES	17 53 22.0							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
..... POOR SOLUTION										
21	22 24	56.11	37.01 N 115.63 W	DEPTH =		0.0 KM	GROOM LAKE			
21	CPX	IP C	22 25 2.3				39	257	-.0	
21	NYM	IP	22 25 3.0				45	303	-.3	
		IS	22 25 5.1						-3.4	
21	NYS	E(P)	22 25 4.7				48	273	.9	
21	MCV	E(P)	22 25 5.1				54	218	.4	
21	LSM	EP	22 25 5.7				65	243	-.9	
.....										
..... FREE DEPTH SOLUTION										
22	8 57	10.08	37.35 N 117.26 W	DEPTH =		0.0 KM	MT. JACKSON			
22	SMN	IP D	08 57 17.6				50	118	-.5	
22	BTY	E(P)	08 57 20.7				68	139	-.3	
22	TPH	E(P)	08 57 23.0				80	3	.1	
22	LSM	EP	08 57 28.1				111	128	.1	
		ES	08 57 44.6						3.4	
22	NYJ	EP	08 57 29.9				121	108	.3	
22	TSV	E(P)	08 57 31.6				135	45	-.2	
22	MCV	E(P)	08 57 32.8				138	125	.4	
.....										
..... FREE DEPTH SOLUTION										
22	12 48	.60	36.40 N 114.97 W	DEPTH =		0.0 KM	HOOVER DAM			
22	MCV	E(P)	12 48 16.0				96	286	-.0	
22	NYJ	E(P)	12 48 18.8				112	307	.1	
22	CPX	E(P)	12 48 18.9				113	301	-.0	
22	LSM	EP	12 48 20.5				123	288	.0	
		ES	12 48 35.0						-.0	
22	NYM	EP	12 48 22.1				134	314	-.1	
.....										
..... FREE DEPTH SOLUTION										
22	16 3	40.44	37.17 N 116.19 W	DEPTH =		27.0 KM	SILENT CANYON			
22	NYR	EP	16 03 44.6				15	145	-.7	
		IS	16 03 49.0						.1	
22	NYC	EP	16 03 44.9				3	113	.2	MAY BE COLLAPS
22	NYM	EP	16 03 45.2				14	59	-.0	
22	NYS	E(P)	16 03 45.5				15	174	.2	
22	NYJ	E(P)	16 03 46.7				26	133	.3	
.....										
22	NEL	IP C	23 40 5.1							
22	DAC	IP C	23 40 8.2							
22	MCV	E(P)	23 40 9.9							
22	LSM	E(P)	23 40 10.8							
		ES	23 40 45.6							
22	BTY	EP	23 40 16.7							
.....										
..... FIXED DEPTH SOLUTION										
22	23 53	58.09	36.37 N 116.77 W	DEPTH =		5.0 KM	FURNACE CREEK			
22	LSM	I(P)	23 54 7.1				60	47	-.6	
		ES	23 54 16.0						1.3	
22	BTY	EP	23 54 7.2				58	0	-.3	
22	MCV	E(P)	23 54 10.0				74	67	-.1	
22	DAC	E(P)	23 54 10.5				75	262	.3	
22	SMN	E(P)	23 54 11.9				86	360	-.0	
22	NYC	EP	23 54 14.6				103	32	-.0	

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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23	TPH	EP	06 45 34.8							
		ES	06 45 50.5							
23	BTY	E(P)	06 45 48.2							
23	TSV	EP	06 45 50.3							
23	DAC	EP	06 45 51.2							
23	NYC	IP C	06 45 53.0							
		IS	06 46 19.5							
23	LSM	E(P)	06 45 53.1							
23	MCV	E(P)	06 45 59.4							

23	6 47 59.60	36.82 N	117.24 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION				
TIN MTN.										
23	BTY	IP	06 48 6.2			43	78		-.3	
		IS	06 48 11.3						-.3	
23	DAC	EP C	06 48 10.4			68	208		-.1	
23	LSM	EP	06 48 14.0			86	95		.5	
23	NYC	IP	06 48 16.3			104	68		.0	
23	TSV	EP	06 48 28.9			181	31		.1	

23	DAC	E(P)	10 20 26.5							
		ES	10 20 56.5							
23	LSM	E(P)	10 20 29.8							
23	BTY	E(P)	10 20 29.9							
23	BTY	EP	11 31 49.0							
		ES	11 31 57.9							
23	LSM	EP	11 31 50.1							
23	NYC	EP	11 31 51.8							

23	12 57 11.67	36.74 N	116.00 W	DEPTH =	10.9 KM	FREE DEPTH SOLUTION				
LATHROP WELLS/MERCURY										
23	MCV	IPG	12 57 14.0			12	178		-.1	
		IS	12 57 16.2						.2	
23	CPX	IPG	12 57 15.2			22	348		-.3	
23	LSM	IPGC	12 57 15.9			24	270		-.0	
		IS	12 57 19.0						-.0	
23	NYJ	EPG	12 57 16.9			30	5		.1	
23	NYS	IPG	12 57 17.9			36	336		.3	

23	15 28 6.78	37.78 N	118.02 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION				
DAVIS MTN.										
23	BTY	E(P)	15 28 30.9			149	131		.0	
23	NYC	EP C	15 28 35.6			179	112		-.1	
23	NYM	EP C	15 28 36.7			184	109		.1	
23	LSM	I(P)	15 28 38.3			193	126		.2	
		ES	15 28 55.6						-5.4	

23	22 45 35.86	37.60 N	117.54 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION				
SILVER PEAK										
23	BTY	E(P)	22 45 52.6			104	138		-.2	
23	NYC	EP C	22 45 57.1			132	111		-.1	
23	NYM	E(P)	22 45 58.2			138	107		.0	
23	LSM	EP	22 46 0.0			147	130		.3	

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PFR (SEC)	MAG	DTST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
	ES		22 46 17.2						-0.0	
.....										
24	1 31	10.47	37.38 N 118.77 W	DEPTH =	5.0	KM				FIXED DEPTH SOLUTION
.....										
BLACKCAP MTN.										
24	DAC	EP	01 31 36.4				161	139	-.2	
24	BTY	E(P)	01 31 41.2				186	106	.7	
24	NYC	EP	01 31 45.9				233	95	-.6	
		ES	01 32 12.9						.0	
24	LSM	I(P)	01 31 46.7				232	107	.2	
24	NYM	EP	01 31 47.5				241	93	-.1	
.....										
24	15 37	27.41	37.38 N 117.14 W	DEPTH =	5.0	KM				FIXED DEPTH SOLUTION
.....										
MT. JACKSON										
24	BTY	EP	15 37 37.3				63	148	-.3	
		ES	15 37 45.0						-.1	
24	NYC	EP C	15 37 41.9				91	105	-.1	
24	NYM	EP C	15 37 43.1				98	99	-.1	
24	LSM	I(P)	15 37 45.0				105	132	.7	
.....										
24	16 59	48.18	37.20 N 116.85 W	DEPTH =	0.0	KM				POOR SOLUTION
.....										
THIRSTY CANYON										
24	BTY	EP C	16 59 53.0				35	168	-.8	
		ES	16 60 1.0						3.1	
24	NYM	IP C	16 59 58.7				71	87	-.8	
24	LSM	I(P)	17 00 .3				72	135	.5	
24	TPH	EP	17 00 4.8				102	341	.2	
24	MCV	EP	17 00 5.0				99	130	.9	
.....										
25	4 34	59.66	37.39 N 117.12 W	DEPTH =	0.0	KM				FREE DEPTH SOLUTION
.....										
MT. JACKSON										
25	BTY	IP C	04 35 9.3				64	150	-.6	
		ES	04 35 17.3						-.1	
25	TPH	EP	04 35 11.6				76	353	-.3	
		ES	04 35 21.0						.1	
25	NYC	IP C	04 35 13.9				90	107	-.2	
25	NYS	EP	04 35 14.6				93	115	-.1	
25	NYM	IP C	04 35 15.0				96	100	-.2	
25	LSM	EP	04 35 16.7				104	134	.2	
25	CPX	E(P)	04 35 17.1				108	118	.1	
25	TSV	IP C	04 35 19.8				123	43	.3	
25	DAC	E(P)	04 35 21.0				131	199	.2	
25	MCV	EP	04 35 21.3				131	130	.5	
.....										
25	4 40	45.47	37.37 N 117.10 W	DEPTH =	20.0	KM				FIXED DEPTH SOLUTION
.....										
MT. JACKSON										
25	BTY	E(P)	04 40 55.2				61	151	-.6	
25	NYC	IP C	04 40 59.6				87	106	-.2	
25	NYM	IP C	04 41 .7				94	99	-.2	
25	LSM	E(P)	04 41 2.5				101	134	.3	
25	TSV	E(P)	04 41 5.6				123	41	.0	
		IS	04 41 24.2						3.9	
25	MCV	E(P)	04 41 7.0				128	130	.7	
.....										

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
25	4 42	36.05	37.29 N 116.77 W	DEPTH =		0.0 KM	POOR SOLUTION			
THIRSTY CANYON										
25	BTY	EP C	04 42 40.9				44	179	-2.3	
		ES	04 42 48.9						.5	
25	NYC	EP	04 42 45.5				57	105	.4	
25	NYM	IP C	04 42 46.6				64	96	.3	
25	LSM	EP	04 42 48.3				76	144	.1	
25	TSV	E(P)	04 42 51.7				114	27	-2.7	
25	TPH	E(P)	04 42 52.7				95	336	1.3	
25	MCV	E(P)	04 42 52.9				101	136	.6	
.....										
.....										
25	4 45	.11	37.38 N 117.13 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
MT. JACKSON										
25	BTY	EP C	04 45 9.7				63	149	-.5	
		ES	04 45 17.6						.0	
25	NYC	IP C	04 45 14.3				90	105	-.2	
25	NYM	IP C	04 45 15.4				97	99	-.3	
25	LSM	EP	04 45 17.1				104	133	.3	
25	TSV	IP	04 45 20.3				125	42	.1	
25	MCV	EP	04 45 21.7				130	129	.6	
.....										
.....										
25	5 26	25.65	37.38 N 117.07 W	DEPTH =		5.0 KM	FIXED DEPTH SOLUTION			
MT. JACKSON										
25	BTY	E(P)	05 26 35.2				60	153	-.2	
		ES	05 26 42.4						-.1	
25	NYC	EP	05 26 39.2				85	107	-.1	
25	NYM	EP	05 26 40.3				91	100	-.1	
25	LSM	IP	05 26 42.2				100	135	.4	
.....										
.....										
25	7 3	31.33	37.36 N 117.02 W	DEPTH =		5.0 KM	FIXED DEPTH SOLUTION			
MT. JACKSON										
25	BTY	E(P)	07 03 40.2				57	157	-.3	
		ES	07 03 47.4						.2	
25	NYC	EP	07 03 44.1				80	106	-.1	
25	NYM	EP	07 03 45.1				87	99	-.2	
25	LSM	EP	07 03 47.1				96	136	.3	
25	TSV	E(P)	07 03 50.7				119	38	.1	
.....										
.....										
25	8 37	7.35	38.27 N 117.07 W	DEPTH =		25.0 KM	FIXED DEPTH SOLUTION			
TONOPAH										
25	TPH	IP C	08 37 13.0				26	212	-.0	
		ES	08 37 29.8						12.7	
25	TSV	E(P)	08 37 20.6				78	95	.0	
		I(P)	08 37 21.9							
25	NYM	EP	08 37 30.2				146	142	-.1	
25	LSM	E(P)	08 37 35.3				184	157	.1	
.....										
.....										
25	8 59	28.25	37.02 N 116.16 W	DEPTH =		5.0 KM	FIXED DEPTH SOLUTION			
SILENT CANYON										
25	CPX	IP C	08 59 30.3				14	139	-.2	
25	NYJ	I(P)	08 59 30.9				16	96	.0	
		ES	08 59 33.0						.2	

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 25	LSM	E(P)	08 59 33.7				34	199	.0	
.		E(S)	08 59 37.7						.1	
.....										
25	CPX	IP C	10 03 38.0							
		IS	10 03 40.4							
25	NYJ	EP	10 03 39.0							
25	NYS	EP	10 03 40.3							
25	LSM	I(P)	10 03 40.5							
25	NYR	EP	10 03 43.7							
25	DAC	EP	16 40 51.5							
		ES	16 41 20.0							
25	NEL	EP	16 40 57.5							
25	MCV	EP	16 40 58.8							
25	LSM	I(P)	16 40 59.6							
25	BTY	EP	16 40 59.9							
.....										
. 26	16 47 12.19	37.11 N 115.79 W	DEPTH = 20.0 KM	FIXED DEPTH SOLUTION						
.	GROOM LAKE									
. 26	NYV	IP	16 47 16.0				18	271	-.4	
. 26	NYJ	IP D	16 47 16.1				20	235	-.5	
. 26	CPX	EP	16 47 17.8				31	230	-.2	
. 26	NYS	I(P)	16 47 18.0				35	256	-.5	
. 26	NYC	IP D	16 47 18.2				33	279	-.1	
. 26	NYM	EP	16 47 18.2				27	300	.7	
. 26	LSM	E(P)	16 47 23.6				60	227	1.3	
.		ES	16 47 29.8						.1	
.....										
. 26	18 43 1.71	36.35 N 114.87 W	DEPTH = 14.5 KM	FREE DEPTH SOLUTION						
.	HOOVER DAM									
. 26	NEL	E(P)	18 43 13.5				71	178	.1	
. 26	MCV	EP	18 43 18.3				106	288	-.7	
. 26	CPX	EP	18 43 21.9				124	302	.0	
. 26	LSM	I(P)	18 43 23.1				133	289	-.3	
.		ES	18 43 40.4						1.2	
. 26	NYC	EP	18 43 25.5				145	308	.2	
. 26	LEE	I(P)	18 43 28.6				166	53	.3	
. 26	BTY	EP C	18 43 30.2				180	290	.1	
. 26	TSV	E(P)	18 43 36.9				236	331	-.4	
. 26	DAC	I(P)	18 43 38.3				244	269	-.0	
.....										
26	NYS	IP C	22 33 .1							
26	CPX	IP C	22 33 .4							
26	NYJ	IP C	22 33 .8							
26	NYC	EP	22 33 1.8							
		IS	22 33 2.6							
27	BTY	E(P)	00 24 41.2							
		ES	00 25 .2							
27	NYC	EP	00 24 47.3							
27	LSM	IP	00 24 48.6							
27	TSV	EP	00 24 49.7							
27	DAC	IP C	20 15 50.9							
		ES	20 15 56.8							
27	LSM	IP	20 16 8.9							
27	MCV	E(P)	20 16 13.3							
27	CPX	IP C	23 37 8.2							
		ES	23 37 10.0							
27	MCV	E(P)	23 37 10.9							
27	LSM	EP C	23 37 11.5							

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	TPH	EP	14 36 7.6							
28	LSM	EPNC	14 36 21.0							
		IPG	14 36 22.9							
		ES	14 36 50.5							
28	CPX	E(P)	14 36 26.0							
28	MCV	E(P)	14 36 27.1							
29	TPH	EP C	02 55 24.7							
		ES	02 55 41.1							
29	LSM	E(P)	02 55 37.0							
		I	02 55 37.8							
		ES	02 56 1.7							
29	MCV	E(P)	02 55 41.9							
29	TPH	EP	23 43 42.2							
		IS	23 43 51.0							
29	MCV	E(P)	23 43 54.1							
29	LSM	E(P)	23 43 57.0							
29	MCV	E(P)	23 43 59.4							
30	TPH	EP	03 03 21.0							
		ES	03 03 37.4							
30	LSM	IP	03 03 34.2							
30	CPX	EP	03 03 35.2							
30	MCV	E(P)	03 03 37.8							
.....										
30	9 1 34.04	36.72 N 115.76 W	DEPTH = 7.5 KM							FREE DEPTH SOLUTION
		MERCURY								
30	MCV	EPG	09 01 38.0			24 246			-0.0	
		IS	09 01 40.9						-0.0	
30	CPX	EPG	09 01 39.8			35 311			0.0	
30	LSM	EPG	09 01 41.6			47 272			-0.0	
.....										
30	TPH	E(P)	16 17 7.3							
		ES	16 17 18.9							
30	LSM	EP	16 17 27.4							
30	DAC	EP	16 17 28.4							
30	TPH	IPGC	19 10 19.2							
		IPN	19 10 21.3							
		ISN	19 10 37.2							
30	LSM	EP	19 10 43.4							
30	MCV	E(P)	19 10 46.4							
.....										
31	15 47 40.83	37.45 N 118.11 W	DEPTH = 5.0 KM							FIXED DEPTH SOLUTION
		BLANCO MTN.								
31	SMN	EP D	15 48 .8			124 106			-0.0	
31	BTY	EP	15 48 2.4			134 117			-0.2	
		ES	15 48 21.9						3.3	
31	LSM	IP D	15 48 10.4			181 115			0.2	
31	TSV	E(P)	15 48 11.3			189 63			-0.0	
.....										
31	17 29 26.30	37.46 N 118.13 W	DEPTH = 0.0 KM							FREE DEPTH SOLUTION
		BLANCO MTN.								
31	SMN	EP D	17 29 46.5			125 106			-0.0	
31	BTY	E(P)	17 29 48.1			136 117			-0.2	
		ES	17 30 7.7						3.3	
31	LSM	I(P)	17 29 56.1			183 115			0.2	
31	TSV	EP	17 29 57.1			190 64			-0.0	
.....										

SEISMOLOGICAL BULLETIN

MAY 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	NEL	EP	23 13 32.1							
31	MCV	EP	23 13 45.2							
31	ELY	E(P)	23 13 46.8							
31	LSM	EP	23 13 47.9							
		E(S)	23 14 37.8							

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	TSV	E(P)	12 38 22.3							
01	NYJ	E(P)	12 38 28.4							
01	LSM	E(P)	12 38 37.0							
		ES	12 38 58.6							
02	LEE	IP D	03 16 19.3							
02	LSM	EP	03 16 47.5							
02	BTY	EP C	03 16 51.3							
02	NEL	IP C	03 16 54.1							
		ES	03 17 41.2							
02	TSV	EP	05 58 4.3							
02	TPH	EP C	05 58 17.4							
02	LSM	E(P)	05 58 23.3							
		E(S)	05 59 10.2							

.....

02	8 39 32.18	36.31 N	117.91 W	DEPTH = 13.2 KM	FREE DEPTH SOLUTION
		DARWIN			
02	DAC	IP C	08 39 37.1	28 96	.0
		IS	08 39 40.7		-.0
02	BTY	EP	08 39 51.9	121 57	-.0
02	LSM	EP	08 39 57.1	153 71	-.0

.....

.....

02	11 46 22.87	38.50 N	117.64 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION
		PARADISE PEAK			
02	TPH	IP C	11 46 36.8	61 142	4.2
02	TSV	IP C	11 46 44.2	133 104	-.1
02	NYR	IP C	11 46 55.9	211 139	-.3
02	CPX	EP C	11 46 57.6	224 141	-.2
02	LSM	IP C	11 46 58.6	230 148	-.1
		ES	11 47 50.0		25.1
02	DAC	IP C	11 46 59.9	248 179	-1.0
02	MCV	EP	11 47 1.6	254 145	-.1
02	STC	EP	11 47 18.3	379 238	.5 QP

.....

02	DAC	EP C	19 01 31.4
		ES	19 01 51.0
02	BTY	EP	19 01 42.9
02	LSM	E(P)	19 01 43.5
02	SMN	E(P)	19 01 46.5
02	CPX	EP	19 01 47.6

02	TSV	I(P)	21 54 36.7
		E(S)	21 54 57.3
02	TPH	EP C	21 54 49.3
02	LSM	E(P)	21 54 58.7

03	CBC	EP	08 19 2.2
03	HCC	EP	08 19 3.2
03	CRC	EP	08 19 10.9
03	STC	IP	08 19 54.7

03	DAC	EP C	11 30 59.5
		IS	11 31 4.8
03	BTY	EP C	11 31 11.6
03	LSM	E(P)	11 31 14.1
03	MCV	E(P)	11 31 16.6

03	STC	IP	14 48 32.4
03	HCC	EP	14 48 41.5

04	STC	IP	01 03 37.4
04	CBC	EP	01 03 44.6

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
-------------	-----	-------	---------------	-------------	--------------	-----	--------------	--------------	--------------	---------

04	HCC	IP	01 03 45.9							
04	CRC	IP	01 03 53.4							
04	HDC	IP	01 04 .7							

04	STC	EP	01 09 31.2							
----	-----	----	------------	--	--	--	--	--	--	--

04	STC	IP	01 53 47.4							
04	CBC	EP	01 53 56.4							
04	HCC	IP	01 53 57.1							
04	CRC	EP	01 54 3.1							

04	STC	IP	04 40 .4							
04	HCC	IP	04 40 18.7							
		IS	04 40 27.0							

04	STC	IP	04 44 56.4							
----	-----	----	------------	--	--	--	--	--	--	--

04	STC	IP	07 53 26.3							
04	CBC	EP	07 53 31.2							
04	HCC	EP	07 53 32.5							
04	CRC	EP	07 53 39.4							

04	STC	IP	15 17 46.2							
04	CBC	EP	15 17 55.2							
04	HCC	EP	15 17 56.4							

05	STC	IP	07 32 36.3							
05	CBC	EP	07 32 45.0							
05	HCC	EP	07 32 46.5							

.....
 . 05 8 47 49.90 35.76 N 116.24 W DEPTH = 10.0 KM FIXED DEPTH SOLUTION
 . SHOSHONE
 .

. 05	MCV	EP	08 48 5.9	99	13	-.1
. 05	LSM	I(P)	08 48 7.4	109	358	-.1
. 05	NEL	IP C	08 48 10.7	127	92	.2
. 05	DAC	IP C	08 48 10.9	134	295	-.8
. 05		IS	08 48 28.7			1.1
. 05	CPX	EP C	08 48 11.2	131	7	.0
. 05	STY	EP C	08 48 11.3	134	340	-.4
. 05	SMN	E(P)	08 48 16.4	161	343	.5

.....
 . 05 11 3 46.20 36.89 N 117.52 W DEPTH = 11.5 KM FREE DEPTH SOLUTION
 . DRY MTN
 .

. 05	STY	E(P)	11 03 56.9	67	90	-.3
. 05	DAC	EP	11 03 57.6	69	185	.2
. 05	SMN	E(P)	11 03 58.1	73	67	.1
. 05	LSM	EP	11 04 4.6	112	98	.2
. 05	TPH	EP	11 04 7.1	134	11	-.8
. 05		ES	11 04 24.7			1.0
. 05	TSV	IP	11 04 15.9	188	39	.0

05	CRC	IP	23 18 42.7							
05	HCC	IP	23 18 44.0							
05	CBC	IP	23 18 45.0							
05	SAC	IP	23 18 46.5							
05	HDC	IP	23 18 46.6							

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	0	0	56.76	37.18 N	117.76 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
06	SMN	IP C	00 01 10.9				88	92	-.2	
06	BTY	IP C	00 10 11.9				94	109	539.8	
06	DAC	EP	00 01 13.4				102	171	.2	
06	TPH	EP	00 01 13.9				110	26	-.6	
		ES	00 01 28.8						1.2	
06	LSM	IP C	00 01 19.7				141	110	.1	
06	NYR	EP	00 01 20.6				149	95	-.3	
06	CPX	I(P)	00 01 21.8				154	100	.1	
06	MCV	I(P)	00 01 24.7				168	111	.7	
06	TSV	I(P)	00 01 25.3				180	51	-.3	
.....										
.....										
06	0	54	7.85	37.23 N	117.84 W	DEPTH = 0.0 KM	FREE DEPTH SOLUTION			
MAGRUDER MTN.										
06	SMN	IP	00 54 22.8				95	95	-.4	
06	BTY	EP	00 54 23.9				102	111	-.5	
		ES	00 54 37.1						.6	
06	DAC	E(P)	00 54 25.5				108	168	.2	
06	LSM	IP C	00 54 31.7				149	111	-.3	
06	CPX	E(P)	00 54 34.2				162	101	.2	
06	MCV	E(P)	00 54 36.6				176	111	.2	
06	TSV	EP	00 54 37.6				182	53	.3	
.....										
.....										
06	1	1	38.20	37.23 N	117.83 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
06	SMN	IP C	01 01 53.1				95	95	-.4	
06	BTY	IP	01 01 54.2				102	111	-.5	
		IS	01 02 7.4						.7	
06	TPH	EP	01 01 55.7				108	30	.1	
06	DAC	E(P)	01 01 55.8				108	169	.2	
06	LSM	IP C	01 02 2.0				148	111	-.2	
06	CPX	EP	01 02 4.2				161	101	-.1	
06	MCV	I(P)	01 02 6.9				176	111	.2	
06	TSV	I(P)	01 02 7.9				182	53	.3	
.....										
.....										
06	1	10	55.67	37.23 N	117.87 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
06	SMN	EP	01 11 10.9				99	95	-.8	
06	BTY	EP	01 11 12.7				105	110	-.1	
		ES	01 11 25.9						.6	
06	DAC	E(P)	01 11 13.5				109	167	.2	
06	TPH	E(P)	01 11 13.8				110	31	.3	
06	LSM	IP	01 11 19.8				152	110	-.5	
		ES	01 11 38.7						.3	
06	CPX	E(P)	01 11 22.6				165	101	.2	
.....										
06	STC	IP	19 03 21.2							
07	STC	IP	05 55 0.0							

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
07	22 57 32.90		35.74 N 115.99 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
CLARK MTN										
07	MCV	EP	22 57 49.0				100	359	-.2	MAY BE LVW
07	NEL	E(P)	22 57 50.0				103	91	.2	
07	LSM	EP	22 57 51.2				115	347	-.4	
		ES	22 58 6.0						.7	
07	CPX	E(P)	22 57 54.2				133	357	-.4	
07	BTY	EP	22 57 57.2				147	332	.4	
07	DAC	EP	22 57 58.2				157	293	-.0	
.....										
08	CPX	EP C	15 21 45.9							
		ES	15 21 51.6							
08	SMN	EP	15 21 49.7							
08	TSV	EP	15 21 55.8							
08	STC	EP	18 09 14.3							
08	STC	EP	19 05 58.4							
09	SFR	EP	00 31 53.8							
.....										
09	8 14 52.17		37.30 N 118.37 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
BLANCO MTN.										
09	TPH	IP C	08 15 13.0				133	50	-.6	
09	DAC	EP	08 15 13.7				134	148	-.1	
09	SMN	EP	08 15 15.2				144	97	-.2	
09	BTY	EP	08 15 16.5				150	107	.0	
		ES	08 15 34.5						.2	
09	TSV	EP	08 15 26.8				218	62	1.0	
.....										
09	18 37 38.43		36.88 N 114.57 W	DEPTH = 24.3 KM			FREE DEPTH SOLUTION			
MOAPA										
09	MCV	E(P)	18 37 59.3				130	258	.0	
09	NEL	EP	18 37 59.6				132	191	-.0	
		ES	18 38 15.1						-.0	
09	LSM	EP	18 38 2.3				153	265	-.0	
09	BTY	EP	18 38 7.8				195	271	.0	
.....										
09	TSV	EP	21 58 30.8							
		ES	21 58 51.3							
09	TPH	EP	21 58 43.4							
09	LSM	E(P)	21 58 50.3							
10	TSV	E(P)	07 26 51.5							
		ES	07 27 6.5							
10	LSM	E(P)	07 26 58.1							
10	LEE	E(P)	07 26 59.5							
.....										
10	11 25 55.78		37.60 N 118.69 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
GLASS MTN.										
10	TPH	EP C	11 26 17.9				139	67	-.3	
10	SMN	E(P)	11 26 23.5				178	106	-1.0	
10	BTY	EP	11 26 25.3				188	114	-.9	
10	TSV	EP	11 26 32.8				231	72	.7	
10	LSM	IP D	11 26 33.2				234	113	.6	
		ES	11 27 1.1						1.5	
.....										

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
10	15 25	10.59	36.91 N	116.78 W	DEPTH = 10.0 KM		FIXED DEPTH SOLUTION			
CHLORIDE CLIFF										
10	BTY	EP C	15 25 15.9				2	146	3.8	
10	LSM	E(P)	15 25 17.9				48	113	-0.6	
		ES	15 25 34.5						10.3	
10	DAC	EP	15 25 26.6				101	227	-0.4	
10	TPH	EP C	15 25 32.2				136	343	-0.3	
.....										
.....										
11	2 56	54.05	37.48 N	114.13 W	DEPTH = 10.0 KM		FIXED DEPTH SOLUTION			
TULE DESERT										
11	LEE	EP	02 57 5.7				72	111	-0.0	
11	CPX	EP	02 57 24.1				181	251	1.1	
11	MCV	EP	02 57 24.8				191	241	.5	
11	TSV	EP	02 57 25.1				197	295	.1	
		ES	02 57 51.0						3.3	
11	LSM	E(P)	02 57 25.5				208	247	-0.9	
11	BTY	EP	02 57 30.2				243	255	-0.7	
.....										
11	TSV	EP	22 00 8.3							
		ES	22 00 29.2							
11	TPH	EP	22 00 21.4							
11	SMN	E(P)	22 00 30.3							
12	STC	EP	00 57 46.0							
.....										
12	4 47	49.50	37.17 N	116.78 W	DEPTH = 0.0 KM		FREE DEPTH SOLUTION			
THIRSTY CANYON										
12	SMN	IP D	04 47 49.6				3	166	-0.3	
12	BTY	EP	04 47 54.2	1.0	.1		31	178	-0.2	
		IS	04 47 58.6						.6	
12	LSM	EP	04 47 59.9	10.0	.1		65	137	-0.1	
12	MCV	E(P)	04 48 4.4				91	131	.2	
12	TSV	E(P)	04 48 10.0				126	25	.1	
.....										
.....										
12	6 11	47.80	36.75 N	115.38 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION			
HAYFORD PEAK										
12	MCV	E(P)	06 11 56.8				57	257	-0.1	
12	CPX	E(P)	06 11 57.7				63	289	-0.3	
12	LSM	EP	06 12 .8				80	269	.1	
		ES	06 12 10.1						-0.0	
12	BTY	E(P)	06 12 8.0				124	278	.1	
12	SMN	E(P)	06 12 9.1				131	290	.2	
.....										
12	LEE	IP D	09 37 40.7							
12	NEL	EP	09 38 8.0							
12	MCV	EP	09 38 13.1							
12	LSM	IP C	09 38 16.2							
		ES	09 38 56.2							
12	CBC	IP	17 56 15.0							
12	HCC	IP	17 56 16.2							
12	STC	EP	17 56 19.9							
12	CRC	EP	17 56 21.0							
12	MDC	EP	17 56 24.0							
12	CBC	IP	18 05 13.6							
12	HCC	IP	18 05 14.8							

QP

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PFR (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
13	6 59 55.15		36.73 N 115.40 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
HAYFORD PEAK										
13	MCV	E(P)	07 00	3.8			55	259	-.3	
13	CPX	EP	07 00	5.2			63	291	-.2	
13	LSM	EP	07 00	8.4			79	271	.5	
	IS		07 00	17.2					-.0	
.....										
.....										
13	8 47 1.96		35.55 N 117.46 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
SEARLES LAKE										
13	DAC	IP D	08 47	15.2			82	351	-.2	
13	BTY	IP D	08 47	27.5			162	22	-.5	
	ES		08 47	47.6					.5	
13	LSM	IP	08 47	28.6			170	38	-.4	
13	MCV	EP	08 47	29.9			178	47	-.2	
13	SMN	IP D	08 47	30.8			188	19	-.5	
13	CPX	IP D	08 47	32.3			199	39	-.4	
13	NEL	IP C	08 47	37.2			237	85	-.4	
13	LVW	E(P)	08 47	39.5			216	71	4.5	
13	TPH	IP C	08 47	47.8			282	4	4.5	
.....										
13	CRC	IP	18 33	51.6						
14	CRC	IP	21 31	35.1						
15	STC	IP	02 47	12.8						
15	HCC	IP	02 47	22.2						
15	DAC	EP C	02 59	16.3						
	ES		02 59	35.6						
15	BTY	EP	02 59	27.7						
15	LSM	E(P)	02 59	28.4						
15	SMN	EP	02 59	31.2						
15	STC	IP	21 12	22.2						
15	STC	IP	21 38	46.7						
15	HCC	EP	21 38	54.5						
.....										
16	12 43 58.08		38.53 N 116.24 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
MOREY PEAK										
16	TSV	EP	12 44	3.7			37	172	-.3	
	ES		12 44	8.8					.4	
16	TPH	EP	12 44	14.3			100	240	.1	
16	ELY	EP	12 44	19.8			134	60	.1	
.....										
.....										
16	13 3 7.20		37.29 N 116.56 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
THIRSTY CANYON										
16	SMN	IP C	13 03	10.7			25	228	-.5	
16	BTY	EP	13 03	14.7			48	203	-.3	
16	NYR	EP	13 03	14.8			49	122	-.3	
	ES		13 03	21.3					.4	
16	CPX	EP	13 03	16.7			60	132	-.2	
16	LSM	EP	13 03	17.8			67	158	-.1	
	FS		13 03	25.7					-.1	
16	MCV	E(P)	13 03	21.7			89	146	.2	
16	TPH	IP C	13 03	24.0			105	326	-.0	
16	TSV	E(P)	13 03	24.5			107	18	.1	

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	DAC	E(P)	13 03 31.8				146	220	1.0	
16	STC	IP	20 30 14.2							
16	HCC	EP	20 30 24.1							
16	STC	EP	20 39 19.9							
16	STC	IP	21 31 43.7							
16	MDC	EP	21 31 54.6							
17	STC	EP	19 07 29.0							
17	HCC	EP	19 07 40.3							
17	22 31 46.35		37.22 N 117.38 W							DEPTH = 15.0 KM MT. JACKSON FIXED DEPTH SOLUTION
17	SMN	EP	22 31 55.5				55	99	-.0	
17	BTY	EP	22 31 57.1				66	123	-.1	
		ES	22 32 5.2						-.0	
17	LSM	E(P)	22 32 4.8				112	118	.2	
18	2 47 51.75		37.53 N 118.76 W							DEPTH = 0.0 KM GLASS MTN. FIXED DEPTH SOLUTION
18	TPH	EP C	02 48 15.1				148	66	-.5	
		ES	02 48 33.6						.6	
18	DAC	EP	02 48 20.5				174	143	.6	
18	SMN	E(P)	02 48 20.8				181	103	-.3	
18	BTY	EP	02 48 22.0				190	111	-.6	
18	STC	EP	02 48 28.6				242	246	-1.0	QP
		ES	02 48 58.5						1.2	
18	LSM	E(P)	02 48 28.8				237	111	-.1	
18	TSV	EP	02 48 30.0				239	71	.9	
18	2 49 1.09		37.60 N 118.79 W							DEPTH = 0.0 KM GLASS MTN. FIXED DEPTH SOLUTION
18	TPH	E(P)	02 49 24.1				147	69	-.7	
		ES	02 49 41.7						-.5	
18	DAC	E(P)	02 49 30.3				181	144	-.1	
18	SMN	E(P)	02 49 30.6				186	105	-.6	
18	BTY	E(P)	02 49 31.7				196	113	-1.1	
18	STC	EP	02 49 38.0				242	245	-1.0	QP
		ES	02 50 7.5						.7	
18	LSM	I(P)	02 49 39.6				242	112	.7	
18	TSV	EP	02 49 40.1				239	73	1.7	
18	MCV	E(P)	02 49 44.5				270	113	2.1	
18	2 51 22.47		37.64 N 118.78 W							DEPTH = 5.0 KM GLASS MTN. FIXED DEPTH SOLUTION
18	TPH	E(P)	02 51 45.7				145	70	-.2	
18	DAC	E(P)	02 51 51.3				185	145	-1.1	
18	SMN	E(P)	02 51 52.5				187	107	-.1	
18	BTY	E(P)	02 51 52.8				197	114	-1.2	
18	STC	EP	02 51 59.4				245	244	-.8	
		ES	02 52 29.2						1.3	
18	LSM	EP	02 52 1.3				244	114	1.3	
		ES	02 52 34.3						6.8	
18	MCV	E(P)	02 52 6.3				271	114	2.8	

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	BTY	EP	02 54 35.6							
18	LSM	IP C	02 54 36.1							
		IS	02 54 40.8							
18	MCV	E(P)	02 54 41.0							
18	TPH	EP C	02 56 40.6							
		ES	02 56 58.8							
18	DAC	E(P)	02 56 46.4							
18	SMN	E(P)	02 56 47.1							
18	BTY	E(P)	02 56 47.2							
18	LSM	E(P)	02 56 54.8							
18	MCV	E(P)	02 57 .9							
18	TPH	EP	02 57 24.8							
		ES	02 57 43.0							
18	DAC	E(P)	02 57 30.1							
18	SMN	EP	02 57 31.3							
18	BTY	E(P)	02 57 31.6							
18	LSM	E(P)	02 57 40.1							
18	MCV	E(P)	02 57 45.2							

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18	3 12 4.83	37.54 N 118.76 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION		
GLASS MTN.						
18	TPH	IP C	03 12 28.1	148	66	-.5
		ES	03 12 46.5			.4
18	DAC	EP	03 12 33.5	175	143	.3
18	SMN	E(P)	03 12 34.9	182	103	.6
18	BTY	EP	03 12 34.9	191	112	-.9
18	LSM	E(P)	03 12 41.8	238	111	-.3
18	STC	EP	03 12 41.8	242	246	-.9
		ES	03 13 11.6			1.2
18	TSV	EP	03 12 42.9	239	71	.7

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18	3 17 46.92	37.55 N 118.76 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION		
GLASS MTN.						
18	TPH	IP C	03 18 9.8	147	67	-.8
		ES	03 18 28.3			.4
18	DAC	E(P)	03 18 15.5	176	143	.1
18	BTY	E(P)	03 18 16.8	191	112	-1.1
18	SMN	E(P)	03 18 17.2	182	104	.8
18	LSM	E(P)	03 18 24.3	238	112	.1
18	TSV	EP	03 18 24.7	238	72	.5

.....

.....

18	3 43 13.78	37.54 N 118.73 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION		
GLASS MTN.						
18	TPH	IP C	03 43 37.2	145	65	.0
18	SMN	EP	03 43 42.3	179	104	-.5
18	DAC	EP	03 43 42.7	173	144	1.0
18	BTY	EP	03 43 43.9	188	112	-.4
18	LSM	E(P)	03 43 50.0	235	111	-.6
		ES	03 44 24.9			7.3
18	STC	EP	03 43 50.9	244	247	-1.1
		ES	03 44 21.0			1.1
18	TSV	EP	03 43 51.9	236	71	1.1

.....

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
18	3 50	11.88	37.46 N	118.52 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION		
BLACKCAP MTN.										
18	TPH	IP C	03 50 31.8				133	59	-1.5	
		ES	03 50 50.3						1.3	
18	SMN	E(P)	03 50 36.9				159	102	-0.8	
18	DAC	EP	03 50 37.3				155	148	.3	
.....										
18	LSM	E(P)	03 50 46.3				214	111	1.2	
18	TSV	EP	03 50 46.6				222	68	.6	
18	TPH	EP	04 17 5.7							
		ES	04 17 23.9							
18	DAC	E(P)	04 17 11.6							
18	SMN	E(P)	04 17 12.1							
18	BTY	E(P)	04 17 12.3							
18	LSM	E(P)	04 17 20.0							
18	TSV	E(P)	04 17 21.4							
18	TPH	IP C	04 25 3.2							
		ES	04 25 21.7							
18	DAC	EP	04 25 8.6							
18	BTY	EP	04 25 10.0							
18	LSM	E(P)	04 25 16.0							
18	TSV	EP	04 25 18.0							
.....										
18	10 38	36.42	36.81 N	117.61 W	DEPTH = 0.0 KM			FREE DEPTH SOLUTION		
DRY MTN										
18	DAC	EP D	10 38 45.5				59	178	-0.4	
		IS	10 38 53.3						.5	
18	BTY	EP	10 38 48.6				76	82	-0.1	
18	SMN	E(P)	10 38 49.7				84	63	-0.3	
18	LSM	EP	10 38 56.0				119	93	.3	
18	TPH	EP	10 39 0.0				145	14	.2	
.....										
18	14 0	25.47	36.43 N	118.28 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION		
KERN PEAK										
18	DAC	EP	14 00 35.6				63	105	-0.0	
		ES	14 00 42.9						-0.2	
.....										
18	SMN	E(P)	14 00 50.5				156	59	-0.2	
18	LSM	E(P)	14 00 55.1				182	79	.2	
18	TPH	EP C	14 00 58.4				205	27	-0.1	
18	STC	IP	16 42 29.3							
18	SLD	EP	16 42 34.7							
.....										
18	19 23	43.98	37.03 N	116.48 W	DEPTH = 9.9 KM			FREE DEPTH SOLUTION		
SILENT CANYON										
18	BTY	IPG	19 23 48.6				30	240	-0.4	
		IS	19 23 52.6						-0.1	
18	SMN	IP	19 23 48.6				29	296	-0.2	
18	LSM	EP	19 23 49.8				37	151	-0.3	
18	CPX	E(P)	19 23 50.0				39	106	-0.4	
18	TSV	E(P)	19 24 6.4				133	11	.9	
.....										
18	TPH	IP C	21 09 51.0							
		IS	21 10 3.6							

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	LSM	E(P)	21 09 56.7							
18	TSV	EP	21 10 2.0							
19	CBC	IP	02 17 3.5							
19	STC	IP	02 17 4.1							
19	HCC	IP	02 17 4.2							
19	CRC	EP	02 17 8.6							
.....										
19	10 51 40.40	36.80 N 117.63 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION						
		DRY MTN								
19	DAC	IP D	10 51 49.4				59	177	-.4	
		IS	10 51 57.1						.5	
19	BTY	EP	10 51 52.3				77	82	-.6	
19	LSM	IP D	10 52 0.0				120	93	.1	
19	CPX	E(P)	10 52 3.0				141	84	-.1	
19	TPH	E(P)	10 52 4.0				146	14	.1	
19	MCV	E(P)	10 52 4.5				146	97	.4	
19	TSV	IP D	10 52 13.1				202	39	.1	
.....										
19	ELY	IF C	13 58 1.6							
		IS	13 58 31.4							
19	LEE	E(P)	13 58 17.4							
19	TSV	EP	13 58 18.1							
19	TPH	E(P)	13 58 31.4							
19	BTY	E(P)	13 58 37.9							
19	DAC	E(P)	16 09 3.6							
19	NEL	EP	16 09 10.3							
19	LSM	E(P)	16 09 12.4							
		ES	16 09 57.3							
19	BTY	E(P)	16 09 12.8							
19	LEE	E(P)	16 09 37.5							
19	CRC	IP	18 30 6.4							
19	CRC	IP	18 32 27.6							
19	HCC	EP	18 32 35.5							
19	DAC	EP D	22 06 49.0							
		ES	22 07 8.4							
19	BTY	EP	22 07 .2							
19	LSM	EP	22 07 1.0							
19	TPH	E(P)	22 07 10.6							
19	NEL	I(P)	23 40 34.4							
19	DAC	EP	23 40 34.9							
19	LSM	E(P)	23 40 41.9							
		ES	23 41 11.4							
20	STC	IP	08 57 26.2							
20	STC	IF	09 30 26.3							
20	CRC	IP	18 35 38.2							
20	CRC	IP	18 38 29.5							
.....										
21	4 27 5.06	36.50 N 117.14 W	DEPTH = 22.6 KM	FREE DEPTH SOLUTION						
		PANAMINT BUTTE								
21	DAC	EP C	04 27 13.5				48	240	-.0	
		ES	04 27 19.7						.0	
21	BTY	IP C	04 27 14.7				55	37	.0	
21	LSM	E(P)	04 27 18.6				81	70	-.1	
21	MCV	E(P)	04 27 22.1				103	81	.1	
.....										

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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21	GRC	IP	18 32 17.3							
21	DAC	EP	18 54 44.6							
		ES	18 55 4.3							
21	LSM	E(P)	18 54 55.8							
21	BTY	EP	18 54 56.0							

.....
 . 22 4 50 47.64 36.44 N 115.87 W DEPTH = 15.0 KM FIXED DEPTH SOLUTION
 . CHARLESTON PEAK
 .

. 22	MCV	EP	04 50 51.3			25	332	-0.9		
. 22		ES	04 50 54.8					-0.8		
. 22	LSM	EP C	04 50 55.9			49	312	-0.0		
. 22	CPX	E(P)	04 50 57.9			57	343	.7		

.....
 . 22 7 31 48.64 38.59 N 116.07 W DEPTH = 0.0 KM FIXED DEPTH SOLUTION
 . MOREY PEAK
 .

. 22	TSV	EP	07 31 54.9			44	192	-0.9		
. 22	TPH	EP C	07 32 7.3			116	241	-0.0		
. 22	ELY	EP	07 32 7.8			119	59	.1		
. 22		ES	07 32 21.4					-0.3		
. 22	PRN	IP C	07 32 13.7			155	145	.0		
. 22	LSM	E(P)	07 32 22.7			207	185	.8		

22	STC	IP	20 37 1.1							
22	HCC	EP	20 37 7.0							
22	TSV	EP	22 07 18.7							
22	PRN	E(P)	22 07 26.8							
22	TPH	EP	22 07 31.8							
		ES	22 08 3.2							

.....
 . 24 9 38 16.88 36.01 N 117.89 W DEPTH = 5.0 KM FIXED DEPTH SOLUTION
 . DARWIN
 .

. 24	DAC	IP D	09 38 23.3			40	42	-0.1		
. 24		ES	09 38 28.1					-0.0		
. 24	BTY	E(P)	09 38 39.8			141	45	.0		
. 24	SMN	EP	09 38 43.1			162	38	.0		

25	DAC	IP D	17 46 48.4							
		ES	17 46 55.0							
25	BTY	EP	17 47 3.9							
25	SMN	EP	17 47 7.6							

25	DAC	IP D	18 09 14.5							
		ES	18 09 21.0							
25	BTY	EP	18 09 29.8							
25	SMN	EP	18 09 33.1							

26	DAC	IP D	06 13 29.2							
26	BTY	EP	06 13 44.5							
		IS	06 14 1.7							
26	SMN	EP	06 13 47.8							
26	MCV	EP	06 13 48.4							
26	PRN	E(P)	06 14 25.8							

26	DAC	IP D	09 21 22.2							
26	BTY	EP	09 21 37.6							
		IS	09 21 54.7							
26	SMN	E(P)	09 21 40.9							
26	MCV	EP	09 21 41.6							

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	CPX	EP	09 21 43.3							
26	NEL	EP	09 21 55.8							
26	TSV	EP	09 22 2.5							
26	DAC	IPD	10 46 28.2							
26	BTY	E(P)	10 46 43.9							
		ES	10 47 .7							
26	SMN	E(P)	10 46 47.5							
26	LEE	IP C	20 07 13.1							
26	PRN	I(P)	20 07 27.2							
		ES	20 07 58.6							
26	ALA	E(P)	20 07 28.7							
26	TSV	EP	20 07 36.4							
27	DAC	EP	22 02 16.3							
		ES	22 02 35.6							
27	BTY	EP	22 02 27.9							
27	LSM	EP	22 02 28.5							
27	SMN	EP	22 02 31.3							
28	DAC	IP D	00 12 17.0							
28	BTY	E(P)	00 12 32.6							
28	LSM	EP	00 12 34.2							
		ES	00 12 56.1							
28	SMN	EP	00 12 36.3							
28	TPH	EP	00 12 51.2							
28	LEE	IP D	03 48 26.6							
		ES	03 48 38.7							
28	PRN	E(P)	03 48 40.0							
28	ELY	EP	03 48 40.7							
28	TSV	EP	03 48 48.5							
.....										
28	3 51	6.94	37.74 N	115.25 W	DEPTH =	20.0 KM	FIXED DEPTH SOLUTION			
HIKO										
28	PRN	EP	03 51 12.3				36	154	-1.2	
		I(S)	03 51 18.0						-.4	
28	ALA	I(P)	03 51 18.1				53	169	2.1	
28	LSM	E(P)	03 51 29.8				144	220	-.3	
28	LEE	EP	03 51 34.2				174	108	.2	
.....										
28	DAC	IP D	05 29 18.9							
28	BTY	EP	05 29 34.2							
28	CPX	I(P)	05 29 36.4							
		ES	05 29 54.4							
28	MCV	EP C	05 29 37.9							
28	NEL	EP C	05 29 47.4							
28	SMN	IP D	14 31 28.4							
28	LSM	EP	14 31 33.6							
		IS	14 31 40.8							
28	TSV	EP	14 31 43.2							
.....										
28	16 18	29.63	36.87 N	115.94 W	DEPTH =	13.6 KM	FREE DEPTH SOLUTION			
MERCURY										
28	CPX	EP	16 18 32.5				12	304	.0	
		ES	16 18 34.6						.0	
28	NYR	EP	16 18 34.1				25	327	.0	
28	LSM	EP	16 18 35.4				34	244	-.0	
.....										
29	DAC	EP	03 24 7.5							
		ES	03 24 27.3							

SEISMOLOGICAL BULLETIN

JUN 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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29	BTY	EP	03 24 19.1							
29	LSM	EP	03 24 19.6							
29	SMN	EP	03 24 22.5							
29	MCV	E(P)	03 24 23.7							

29	DAC	E(P)	06 41 42.4							
29	NEL	EP C	06 41 46.7							
29	MCV	E(P)	06 41 49.5							
29	LSM	E(P)	06 41 50.5							
29	BTY	E(P)	06 41 51.0							
		ES	06 42 29.6							
29	PRN	E(P)	06 42 4.3							
29	ALA	E(P)	06 42 10.7							

.....

29	13 53 10.89	37.25 N 114.71 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION
		DELAMAR MTS.		

.....

29	ALA	EP	13 53 16.2	38	273	-.8				
29	PRN	IP C	13 53 16.9	38	304	-.1				
		ES	13 53 21.8			.3				
29	LSM	E(P)	13 53 35.9	151	248	.6				
29	TSV	E(P)	13 53 38.2	167	310	.3				
29	DAC	IP	13 53 52.9	279	248	-.0				

.....

29	DAC	IP D	14 34 15.3							
29	BTY	E(P)	14 34 31.8							
29	LSM	EP	14 34 32.6							
		IS	14 34 54.1							

.....

30	6 18 12.12	37.25 N 114.74 W	DEPTH = 15.0 KM	FIXED DEPTH SOLUTION
		DELAMAR MTS.		

.....

30	PRN	IP D	06 18 17.6	36	307	-.7				
		IS	06 18 20.0			-2.8				
30	NYM	E(P)	06 18 31.3	116	269	.3				
30	LSM	EP C	06 18 35.9	148	248	-.2				
30	TSV	EP	06 18 39.0	165	310	.5				

.....

30	NEL	E(P)	09 49 14.9							
30	MCV	E(P)	09 49 31.3							
30	LSM	E(P)	09 49 34.6							
		ES	09 50 20.0							
30	PRN	E(P)	09 49 35.7							
30	ALA	E(P)	09 49 44.6							

.....

30	21 10 3.94	36.33 N 114.95 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION
		HOOVER DAM		

.....

30	NEL	IP C	21 10 15.3	69	172	.2				
30	MCV	E(P)	21 10 20.2	100	290	.1				
30	ALA	E(P)	21 10 20.3	106	351	-.8				
30	PRN	IP C	21 10 23.9	125	355	-.2				
		IS	21 10 40.0			1.2				

.....

30	LSM	EP	22 38 55.1							
30	NEL	EP	22 38 55.6							
		ES	22 39 22.6							
30	DAC	EP	22 39 6.7							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	U1ST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	DAC	IP D	02 40 12.5							
01	BTY	I(P)	02 40 27.8							
		ES	02 40 44.5							
01	LSM	I(P)	02 40 30.2							
01	SMN	EP	02 40 31.2							
01	MCV	E(P)	02 40 31.6							
01	CPX	E(P)	02 40 33.7							
01	NYM	I(P)	02 40 37.1							
01	ALA	E(P)	02 40 55.2							
01	TPH	IP C	06 45 39.0							
01	DAC	IP D	06 45 40.4							
		IS	06 45 59.3							
01	SMN	EP	06 45 41.8							
01	BTY	EP	06 45 43.4							
01	NYC	EP	06 45 48.2							
01	LSM	E(P)	06 45 49.2							
01	NYM	EP	06 45 49.4							
01	ALA	E(P)	06 46 8.6							
01	TPH	E(P)	10 36 13.1							
		ES	10 36 26.7							
01	TSV	E(P)	10 36 26.6							
01	SMN	E(P)	10 36 28.0							
01	LEE	IP C	10 50 38.9							
		I(S)	10 50 51.6							
01	PRN	EP	10 50 58.3							
01	ALA	EP	10 51 3.2							
01	NYM	E(P)	10 51 9.1							
01	TSV	EP	10 51 9.6							
01	LSM	EP	10 51 13.7							

.....

01	13 34 53.30	38.02 N 116.21 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
WARM SPRINGS							
.....							
01	NYM	IP C	13 35 6.9	88	171	-0.6	
01	TPH	IP C	13 35 7.8	89	274	.3	
01	NYC	IP C	13 35 8.3	96	177	-0.4	
01	NYV	IP	13 35 10.3	102	169	.5	
01	NYR	IP	13 35 10.4	107	174	-0.2	
01	CPX	IP C	13 35 12.4	121	173	-0.5	
01	PRN	IP C	13 35 13.3	119	122	.7	
01	ALA	IP C	13 35 13.9	126	131	.2	
01	LSM	I(P)	13 35 16.4	142	182	.1	
01	MCV	E(P)	13 35 17.6	155	173	-0.8	
01	ELY	IP	13 35 19.5	169	43	-1.1	
01	DAC	IP C	13 35 30.2	229	213	.8	
		IS	13 35 58.3			2.5	
01	LEE	I(P)	13 35 35.2	264	108	1.2	

.....

01	ALA	E(P)	13 37 15.3				
01	NYM	E(P)	13 37 29.4				
		ES	13 37 40.1				
01	NYC	E(P)	13 37 31.5				
01	CPX	E(P)	13 37 36.0				
01	LSM	E(P)	13 37 39.1				
.....							
01	TSV	IP D	13 53 3.2				
		IS	13 53 6.3				
01	NYM	EP	13 53 14.3				
01	PRN	IP D	13 53 20.4				

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	23 45	35.84	37.12 N	113.54 W	DEPTH =	15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
ST. GEORGE										
01	LEE	IP D	23 45 39.8				19	47	.1	
01	PRN	IP C	23 45 58.5				140	285	-.1	
		ES	23 46 22.0						6.7	
01	ALA	IP	23 45 59.5				143	277	.4	
01	NEL	E(P)	23 46 6.0				196	217	-.2	
01	NYM	EP	23 46 8.6				224	274	-1.1	
01	MCV	EP	23 46 11.8				226	257	1.7	
01	LSM	IP D	23 46 12.2				248	261	-.7	
01	CPX	E(P)	23 46 8.7				225	265	-1.2	
.....										
02	10 52	24.72	37.97 N	116.24 W	DEPTH =	18.2 KM	MB =	MS =	FREE DEPTH SOLUTION	
QUARZITE MTN.										
02	TPH	IP C	10 52 38.9				87	277	-.0	
		ES	10 52 49.6						.3	
02	NYC	IP	10 52 39.5				91	175	-.2	
02	CPX	EP	10 52 43.5				117	172	-.4	
02	PRN	I(P)	10 52 44.5				119	119	.3	
02	ALA	IP D	10 52 45.3				125	128	.1	
02	LSM	EP	10 52 47.4				138	181	.3	
02	ELY	E(P)	10 52 51.7				174	42	-.2	
.....										
02	13 29	43.96	37.54 N	118.92 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
GLASS MTN.										
02	TPH	EP C	13 30 9.2				151	68	-.7	
02	SMN	I(P)	13 30 15.4				196	102	-.3	
02	BTY	EP	13 30 16.6				205	110	-.3	
02	LSM	E(P)	13 30 22.6				251	110	-.3	
		ES	13 30 52.1						.6	
02	NYC	EP C	13 30 23.0				249	99	.4	
02	TSV	EP	13 30 24.1				253	72	1.1	
.....										
02	14 34	21.17	37.27 N	113.84 W	DEPTH =	11.6 KM	MB =	MS =	FREE DEPTH SOLUTION	
ST. GEORGE										
02	LEE	EP C	14 34 27.8				41	94	-.3	
02	PRN	EP C	14 34 38.9				110	280	-.1	
02	ALA	IP D	14 34 40.2				114	270	.4	
02	NYM	EP	14 34 51.3				196	269	-.5	
02	NEL	EP D	14 34 52.5				195	208	.7	
02	LSM	E(P)	14 34 55.4				224	256	-.1	
		ES	14 35 25.7						5.0	
02	ELY	E(P)	14 34 56.3				227	336	.6	
02	SMN	EP	14 34 59.4				260	268	-.6	
.....										
02	LEE	IP C	14 37 46.0							
02	PRN	IP	14 37 57.3							
		E(S)	14 38 16.6							
02	NEL	E(P)	14 38 10.6							
02	TPH	E(P)	14 38 13.7							
02	MCV	E(P)	14 38 13.8							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	20 7	1.19	37.34 N 113.83 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
ST. GEORGE										
02	LEE	IP C	20 07 8.1				42	105	.2	
02	PRN	IP C	20 07 19.1				110	276	.2	
02	ALA	IP C	20 07 20.3				115	267	.4	
02	NEL	EP	20 07 32.7				202	207	-1.2	
		ES	20 07 58.8						.9	
02	LSM	E(P)	20 07 35.7				227	254	-1.4	
02	MCV	I(P)	20 07 36.0				208	249	1.4	
02	TSV	E(P)	20 07 36.3				227	296	-.7	
02	ELY	IP	20 07 36.4				220	335	.3	
03	0 11	43.77	37.56 N 112.14 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
03	LEE	EP C	00 12 2.0				114	253	-.3	
03	PRN	E(P)	00 12 24.0				258	258	.4	
		ES	00 12 52.9						.1	
03	ELY	E(P)	00 12 28.4				297	307	-.1	
03	NYR	IP C	01 23 2.4							
03	NYV	I(P)	01 23 2.5							
03	CPX	EPG	01 23 3.9							
03	NYC	IP C	01 23 4.0							
		ES	01 23 8.0							
03	NYM	I(P)	01 23 4.5							
03	LSM	E(P)	01 23 9.2							
04	3 51	42.30	38.21 N 117.72 W	DEPTH =	25.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
PILOT PEAK										
04	TPH	EP	03 51 49.3				46	110	-1.4	
		IS	03 51 57.0						.2	
04	TSV	EP	03 52 4.1				135	90	.3	
04	SMN	EP	03 52 5.0				146	144	-.2	
04	NYM	E(P)	03 52 10.9				183	126	.9	
04	5 12	16.28	37.98 N 116.23 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
QUARZITE MTN.										
04	NYM	EP	05 12 29.6				84	169	-.2	
04	TPH	IP C	05 12 30.2				88	277	-.2	
		ES	05 12 40.9						.2	
04	NYC	IP C	05 12 30.8				92	176	-.2	
04	PRN	I(P)	05 12 35.8				118	120	.4	
04	ALA	IP C	05 12 36.0				124	129	-.4	
04	LSM	I(P)	05 12 39.0				138	182	.4	
04	8 19	59.62	35.63 N 117.80 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
LITTLE LAKE										
04	DAC	IP D	08 20 12.0				74	14	.4	
04	BTY	IP D	08 20 27.1				159	33	.2	
04	LSM	IP D	08 20 29.2				184	48	-.2	
04	SMN	IP D	08 20 30.3				192	29	-.2	
04	MCV	IP D	08 20 31.2				197	55	.1	
04	CPX	IP D	08 20 33.0				213	47	-.2	
		E(S)	08 20 58.4						.6	
04	NYR	IP D	08 20 33.7				220	44	-.4	

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	NYC	IP D	08 20 34.1				225	41	-0.5	
04	NYV	EP D	08 20 35.3				231	44	-0.2	
04	NYM	IP D	08 20 36.1				237	41	-0.1	
04	NEL	IP	08 20 40.5				267	87	.4	
04	TPH	IP D	08 20 41.9				277	11	.6	
04	ALA	EP	08 20 43.8				300	52	-0.6	
04	PRN	IP D	08 20 46.4				317	50	-0.0	
04	TSV	IP D	08 20 46.8				321	26	-0.1	
04	LEE	IP D	08 21 2.5				435	64	.9	
.....										
04	8 26 6.82		35.56 N 117.82 W	DEPTH =		5.5 KM	MB =	MS =	FREE DEPTH SOLUTION	
			LITTLE LAKE							
04	DAC	IP D	08 26 20.1				82	15	.0	
04	BTY	EP	08 26 35.3				175	32	-0.0	
		ES	08 26 52.3						-3.9	
04	LSM	EP	08 26 37.5				191	46	.0	
04	MCV	E(P)	08 26 39.2				203	54	.2	
04	CPX	E(P)	08 26 41.1				220	46	-0.1	
04	NYC	E(P)	08 26 42.6				232	40	-0.1	
04	NEL	E(P)	08 26 47.6				270	86	-0.0	
.....										
04	DAC	IP D	08 37 23.9							
04	BTY	EP	08 37 39.1							
04	LSM	IP	08 37 41.0							
04	MCV	IP C	08 37 42.9							
04	CPX	IP	08 37 44.8							
		ES	08 38 10.0							
04	TPH	E(P)	08 37 46.0							
04	NEL	EP C	08 37 52.3							
04	ALA	EP	08 37 55.8							
04	PRN	EP C	08 37 58.0							
.....										
04	13 44 14.39		37.40 N 118.46 W	DEPTH =		10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
			BLANCO MTN.							
04	TPH	EP	13 44 36.1				132	55	.4	
04	DAC	EP	13 44 38.2				147	148	-0.0	
		IS	13 44 56.8						1.1	
04	SMN	EP C	13 44 39.1				153	100	-0.0	
04	BTY	IP C	13 44 40.4				161	110	-0.0	
04	NYC	EP	13 44 45.5				206	97	-1.0	
04	LSM	IP C	13 44 46.6				207	110	-0.1	
04	NYM	EP	13 44 46.6				214	94	-0.9	
04	TSV	EP	13 44 50.6				220	65	2.3	
04	PRN	EP	13 44 58.2				300	88	-0.3	
.....										
04	DAC	IP D	14 24 19.7							
04	BTY	E(P)	14 24 35.2							
04	LSM	EP	14 24 36.8							
		ES	14 24 58.3							
04	MCV	E(P)	14 24 38.8							
04	NYM	E(P)	14 24 44.2							
.....										
05	2 37 18.36		37.70 N 116.08 W	DEPTH =		14.0 KM	MB =	MS =	FREE DEPTH SOLUTION	
			QUARZITE MTN.							
05	TSV	IP C	02 37 27.7				56	352	.1	
05	NYC	EP	02 37 27.8				61	186	-0.6	
05	PRN	IP	02 37 33.4				94	108	-0.3	
		ES	02 37 48.4						3.5	
05	ALA	EP	02 37 34.4				97	120	.3	
05	LSM	E(P)	02 37 36.3				109	189	.2	

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
05	MCV	I(P)	02 37 38.1				119	177	.3	
05	ELY	EP	02 37 47.9				190	33	-.1	
.....										
05	4 38	51.11	37.15 N 116.29 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
SILENT CANYON										
05	NYC	IP D	04 38 52.9				12	89	.1	
05	NYR	IP	04 38 54.2				20	122	-.1	
05	NYM	IP D	04 38 54.4				22	57	-.2	
05	CPX	EP	04 38 55.9				32	140	-.3	
05	SMN	E(P)	04 38 57.9				43	269	-.0	
05	LSM	EP	04 38 58.3				46	179	-.2	
		IS	04 39 4.4						.5	
05	BTY	E(P)	04 38 59.2				51	236	-.2	
05	MCV	E(P)	04 39 1.6				63	156	.3	
05	TSV	EP	04 39 10.3				117	5	.3	
.....										
06	9 39	12.79	36.36 N 117.52 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
DARWIN										
06	DAC	IP D	09 39 14.7				12	214	.0	
		E(S)	09 39 21.7						5.6	
06	LSM	EP	09 39 32.0				119	69	-.0	
06	NYC	E(P)	09 39 37.1				150	54	.0	
06	NYM	E(P)	09 39 39.1				163	53	-.0	
.....										
06	TPH	IP C	19 06 44.4							
		ES	19 07 58.3							
06	LSM	EP	19 07 13.0							
06	DAC	IP	19 07 27.0							
06	DAC	EP C	19 27 54.0							
06	BTY	E(P)	19 28 1.0							
06	LSM	EP	19 28 3.5							
		ES	19 28 16.2							
06	TPH	IP C	23 23 10.3							
		ES	23 23 29.4							
06	TSV	I(P)	23 23 20.2							
06	NYM	IP C	23 23 29.4							
06	BTY	EP	23 23 31.8							
06	ELY	IP C	23 23 32.2							
06	LSM	E(P)	23 23 33.9							
07	BTY	IP D	05 19 18.8							
		IS	05 19 25.1							
07	LSM	I(P)	05 19 21.8							
07	NYC	E(P)	05 19 28.4							
07	LEE	IP C	05 48 .5							
		ES	05 48 7.6							
07	PRN	EP C	05 48 11.8							
07	ALA	EP	05 48 13.4							
07	LSM	E(P)	05 48 32.1							
07	DAC	IP D	06 14 9.5							
		ES	06 14 16.8							
07	BTY	EP	06 14 27.2							
07	LSM	E(P)	06 14 30.0							
07	SMN	EP	06 14 30.3							
07	LEE	EP	07 36 29.7							
		ES	07 36 35.8							
07	PRN	E(P)	07 36 41.0							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
07	ALA	E(P)	07 36 44.8							
07	DAC	E(P)	12 54 39.1							
07	BTY	E(P)	12 54 43.8							
07	LSM	E(P)	12 54 45.1							
		IS	12 55 28.5							
07	MCV	E(P)	12 54 46.2							
07	ELY	I(P)	19 05 28.6							
		ES	19 05 59.1							
07	TSV	EP	19 05 29.1							
07	NYM	EP	19 05 42.2							
07	PRN	EP	19 05 44.1							
.....										
08	3 6 31.50		37.52 N 118.57 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
	GLASS MTN.									
08	TPH	E(P)	03 06 53.3			134 62	.2			
08	DAC	EP	03 06 58.4			163 147	.5			
08	BTY	E(P)	03 06 59.3			175 113	-.5			
08	NYC	EP	03 07 5.4			218 100	-.7			
		IS	03 07 32.1				.6			
08	LSM	IP D	03 07 6.6			221 112	-.0			
08	TSV	EP	03 07 7.2			224 69	.2			
.....										
08	DAC	IP D	04 05 4.1							
		ES	04 05 11.1							
08	BTY	E(P)	04 05 20.5							
08	LSM	EP	04 05 21.4							
08	NYM	E(P)	04 05 28.6							
.....										
08	7 30 12.84		36.82 N 115.34 W	DEPTH =	14.5 KM	MB =	MS =	FREE DEPTH SOLUTION		
	HAYFORD PEAK									
08	ALA	EP	07 30 21.7			53 20	.0			
08	MCV	E(P)	07 30 22.5			63 251	-.7			
08	CPX	I(P)	07 30 23.7			65 281	.1			
08	NYV	E(P)	07 30 23.8			67 299	-.0			
08	PRN	E(P)	07 30 24.6			73 19	-.2			
08	NYR	E(P)	07 30 24.7			72 291	.0			
08	NYM	EP	07 30 25.5			79 306	-.2			
08	NYC	E(P)	07 30 26.1			82 297	-.1			
		ES	07 30 37.3				1.3			
08	LSM	IP D	07 30 26.4			84 264	-.3			
08	BTY	EP	07 30 33.7			128 274	.1			
08	NEL	IP	07 30 34.7			131 160	.5			
08	TSV	EP D	07 30 40.0			171 334	.0			
.....										
08	8 8 47.33		36.79 N 115.37 W	DEPTH =	10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
	HAYFORD PEAK									
08	MCV	E(P)	08 08 56.7			59 253	-.2			
08	CPX	E(P)	08 08 57.2			63 285	-.4			
08	ALA	EP	08 08 57.3			57 21	.6			
08	PRN	EP C	08 08 59.3			77 20	-.6			
08	NYM	E(P)	08 08 59.7			78 309	-.3			
08	NYC	E(P)	08 09 .3			81 300	-.1			
		ES	08 09 11.3				1.2			
08	LSM	E(P)	08 09 .7			81 266	.2			
08	BTY	E(P)	08 09 7.6			125 276	-.0			
08	NEL	E(P)	08 09 8.5			129 158	.3			
.....										

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
..... 08 9 50 41.79 36.79 N 115.37 W DEPTH = 15.0 KM MB = MS = FIXED DEPTH SOLUTION HAYFORD PEAK										
08	MCV	E(P)	09 50 51.3				59	254	-.2	
08	CPX	EP	09 50 51.8				63	285	-.4	
08	ALA	E(P)	09 50 52.0				58	21	.6	
08	NYR	E(P)	09 50 53.5				71	295	.1	
08	PRN	IP C	09 50 53.9				78	20	-.6	
08	NYM	EP	09 50 54.4				78	309	-.2	
08	NYC	EP	09 50 54.9				81	301	-.1	
		ES	09 51 5.8						1.1	
08	LSM	EP	09 50 55.0				81	267	-.1	
08	BTY	E(P)	09 51 2.2				125	276	.1	
08	NEL	EP C	09 51 3.0				128	158	.3	
..... 08 18 11 7.47 39.27 N 118.59 W DEPTH = 5.0 KM MB = MS = FIXED DEPTH SOLUTION EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
08	TPH	IP C	18 11 36.3				178	138	.1	
		IS	18 11 53.0						-4.3	
08	TSV	I(P)	18 11 45.2				240	119	.7	
08	NYM	IP C	18 11 53.6				317	135	-.7	
08	LSM	EP	18 11 58.6				346	144	.5	
08	PRN	EP	18 12 .3				368	122	-.6	
..... 08 18 41 9.44 37.35 N 118.35 W DEPTH = 0.0 KM MB = MS = FIXED DEPTH SOLUTION BLANCO MTN.										
08	TPH	IP C	18 41 29.3				128	51	-.8	
		IS	18 41 45.4						.2	
08	DAC	EP	18 41 31.4				137	150	-.1	
08	BTY	E(P)	18 41 34.0				150	109	.3	
08	LSM	EP	18 41 40.4				196	109	-.8	
08	NYC	EP	18 41 41.0				196	96	-.1	
08	TSV	EP	18 41 43.7				214	63	.1	
08	PRN	EP	18 41 57.3				291	87	3.9	
..... 08 DAC EP 18 46 12.0 ES 18 46 31.5 08 BTY EP 18 46 23.3 08 LSM E(P) 18 46 23.8 00 NYM E(P) 18 46 32.6										
..... 08 19 59 48.91 36.37 N 116.73 W DEPTH = 0.0 KM MB = MS = FREE DEPTH SOLUTION FURNACE CREEK										
08	LSM	IP C	19 59 58.0				58	44	-.2	
08	BTY	EP	19 59 58.1				59	357	-.3	
		IS	20 00 7.2						1.1	
08	MCV	EP	20 00 .5				71	65	.1	
08	DAC	IP C	20 00 1.5				79	263	-.0	
08	CPX	EP	20 00 2.7				87	43	-.2	
08	NYM	IP C	20 00 7.5				113	32	.3	
08	NEL	E(P)	20 00 18.8				184	113	.0	
08	TPH	E(P)	20 00 20.7				195	347	.3	

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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08	20	4	47.45	37.23 N	114.80 W	DEPTH =	15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
DELAMAR MTS.										
08	ALA	IP C	20 04 50.6				30	278	-2.2	
08	PRN	IP D	20 04 52.6				33	314	-0.6	
08	NYM	EP	20 05 5.8				111	270	.3	
08	MCV	EP	20 05 8.3				126	238	.4	
08	LSM	I(P)	20 05 10.6				142	248	-0.0	
		IS	20 05 27.6						.0	
08	TSV	EP	20 05 14.9				162	312	1.5	

09	3	19	53.68	37.42 N	117.37 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
MT. JACKSON										
09	BTY	EP	03 20 6.5				79	137	-0.0	
09	NYC	IP	03 20 11.6				111	105	-0.0	
		ES	03 20 30.4						5.6	
09	NYM	EP	03 20 12.8				118	100	.0	
09	LSM	IP C	03 20 13.6				123	128	.0	

09	6	45	16.47	37.46 N	117.47 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
MT. JACKSON										
09	BTY	E(P)	06 45 30.8				89	135	-0.0	
09	NYC	IP	06 45 36.0				121	106	-0.1	
		ES	06 45 54.8						4.4	
09	NYM	IP	06 45 37.2				128	101	.0	
09	LSM	IP C	06 45 38.0				133	127	.0	

09	DAC	EP C	14 04 0.0							FREQ CHG MAY BE
09	TPH	EP D	14 04 2.6							TWO EQS
09	ELY	EP D	14 04 6.1							
09	BTY	EP	14 04 9.6							
09	NYM	EP	14 04 10.4							
09	NYC	IP D	14 04 10.6							
09	NYR	EP	14 04 11.4							
09	CPX	EP	14 04 11.9							
09	LSM	EP	14 04 12.4							REGIONAL
		I(S)	14 05 35.8							
09	ALA	EP D	14 04 13.2							
09	MCV	E(P)	14 04 13.7							
09	PRN	IP D	14 04 13.9							
09	LEE	IP D	14 04 20.6							

10	TPH	IP C	01 23 29.4							
		IS	01 23 47.0							
10	TSV	IP C	01 23 35.7							
10	NYM	IP	01 23 45.7							
10	PRN	EP	01 23 51.3							

10	14	54	25.62	36.45 N	115.79 W	DEPTH =	10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
CHARLESTON PEAK										
10	MCV	IP C	14 54 30.2				28	318	-0.1	
		IS	14 54 33.7						-0.0	
10	LSM	IP C	14 54 34.5				54	307	.1	
10	CPX	EP	14 54 35.2				59	336	.0	

12	TPH	EP	12 20 28.0							
12	BTY	IP	12 20 27.0							
12	DAC	EP	12 20 30.6							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	LSM	EP	12 20 34.6							
12	NYM	IP C	12 20 35.2							
12	NYR	IP	12 20 35.2							
12	CPX	IP C	12 20 36.1							
		ES	12 21 56.5							
12	NYJ	IP C	12 20 36.7							
12	TSV	EP	12 20 38.3							
12	MCV	EP C	12 20 39.0							
12	PRN	IP	12 20 46.8							
13	LEE	IP C	17 30 1.1							
13	PRN	I(P)	17 30 20.0							
13	ELY	I(P)	17 30 25.2							
13	TSV	EP	17 30 30.9							
		ES	17 31 22.1							
13	NEL	EP	17 30 34.5							
13	LSM	EP	17 30 35.3							
13	BTY	EP	17 30 39.8							
.....										
13	21 35	19.46	35.58 N 115.50 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
			GOODSPRINGS							
13	NEL	IP C	21 35 29.1			61	76	-.1		
		ES	21 35 36.5					.1		
13	LVW	E(P)	21 35 31.0			71	23	.1		
13	MCV	E(P)	21 35 39.1			125	339	-.6		
13	LSM	E(P)	21 35 43.8			147	331	.6		
13	NYJ	E(P)	21 35 45.7			164	345	-.3		
13	NYM	E(P)	21 35 50.5			190	345	.3		
.....										
14	TPH	IP C	05 01 6.0							
		IS	05 01 15.7							
14	TSV	E(P)	05 01 21.6							
14	BTY	E(P)	05 01 23.0							
14	MCV	E(P)	05 01 35.0							
15	DAC	IP C	07 19 17.2							
		IS	07 19 29.4							
15	BTY	E(P)	07 19 33.8							
15	TPH	EP	07 19 49.0							
15	MCV	EPG	23 11 32.9							
		IS	23 11 37.0							
15	CPX	IP	23 11 37.9							
15	NYJ	E(P)	23 11 38.4							
.....										
16	2 52	29.90	35.93 N 114.93 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
			BOULDER CITY							
16	NEL	IP C	02 52 34.0			27	152	-.2		LAKE MEAD AREA
		IS	02 52 37.7					.3		
16	LVW	EP	02 52 35.2			32	326	.1		
16	MCV	I(P)	02 52 49.1			120	311	-.2		
16	CPX	EP	02 52 53.7			147	320	-.0		
16	NYJ	EP	02 52 54.1			149	324	.0		
16	PRN	I(P)	02 52 57.1			169	358	-.1		
16	NYM	E(P)	02 52 58.2			174	327	.2		
16	BTY	EP	02 53 1.1			192	304	.0		
.....										
16	TPH	EP D	14 43 7.3							
16	TSV	EP D	14 43 16.7							
16	BTY	F(P)	14 43 21.8							
16	LSM	EP	14 43 24.0							FROM HELICORDER
		ES	14 44 38.8							
16	NYM	EP	14 43 25.5							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	ELY	EP	14 43 26.1							
16	CPX	E(P)	14 43 27.3							
16	MCV	E(P)	14 43 31.0							
16	PRN	I(P)	14 43 32.9							
18	TPH	EP	11 21 46.4							
		ES	11 22 2.3							
18	TSV	EP	11 21 47.2							
18	BTY	E(P)	11 21 50.5							
18	NYM	EP	11 21 59.0							

```

.....
. 18 15 49 27.75 37.37 N 113.70 W DEPTH = 15.0 KM MB = MS = FIXED DEPTH SOLUTION
. ST. GEORGE
.
. 18 LEE IP C 15 49 33.7 32 116 .3
. 18 PRN I(P) 15 49 45.8 121 274 -1.6
. ES 15 50 2.7 .9
. 18 NEL E(P) 15 49 59.4 211 209 -.7
. 18 MCV E(P) 15 50 2.6 220 249 1.4
. 18 LSM E(P) 15 50 3.7 239 254 .0
.....

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.....
. 18 15 52 58.09 37.24 N 113.82 W DEPTH = 0.0 KM MB = MS = FIXED DEPTH SOLUTION
. ST. GEORGE
.
. 18 LEE IP C 15 53 4.4 40 90 -.0
. 18 PRN I(P) 15 53 15.6 112 282 -.6
. ES 15 53 32.4 3.0
. 18 NEL E(P) 15 53 29.0 193 209 -.4
. 18 MCV E(P) 15 53 32.4 205 251 1.2
.....

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18	TPH	EP C	20 00 23.4							
		ES	20 00 43.0							
18	ELY	EP	20 00 41.6							
18	NYJ	E(P)	20 00 49.6							
18	NEL	E(P)	23 54 25.2							
18	DAC	IP C	23 54 27.1							
18	MCV	E(P)	23 54 32.9							
18	LSM	E(P)	23 54 34.3							
		ES	23 55 4.6							
19	CPX	IP C	01 13 50.9							
19	NYJ	EP	01 35 51.6							
		IS	01 35 54.0							
19	LSM	EP	01 35 57.8							

```

.....
. 19 8 5 26.72 37.18 N 117.45 W DEPTH = 18.8 KM MB = MS = FREE DEPTH SOLUTION
. MT. JACKSON
.
. 19 DAC E(P) 08 05 43.2 101 187 -.0
. IS 08 05 55.4 .1
. 19 LSM I(P) 08 05 45.7 116 114 -.0
. 19 NYJ E(P) 08 05 48.6 133 98 .1
. 19 MCV E(P) 08 05 49.8 143 114 -.1
.....

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.....
. 19 14 34 31.22 37.15 N 117.41 W DEPTH = 15.8 KM MB = MS = FREE DEPTH SOLUTION
. MT. JACKSON
.
. 19 DAC E(P) 14 34 47.2 99 190 -.1
. IS 14 34 59.4 .3
. 19 LSM EP 14 34 48.8 111 114 -.5
.....

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SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 19	CPX	EP	14 34 51.4				123	101	.2	
. 19	NYJ	EP	14 34 52.4				129	97	.2	
. 19	MCV	E(P)	14 34 53.8				138	114	.1	
. 19	PRN	IP D	14 35 3.3				210	80	.0	
.....										
. 19	17	1	34.23	36.77 N	116.28 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION
LATHROP WELLS										
. 19	LSM	IP D	17 01 34.8				3	175	.1	
. 19	CPX	IP D	17 01 38.1				27	48	-.4	
. 19	MCV	IP	17 01 38.9				29	121	.0	
. 19	NYJ	IP	17 01 39.9				38	46	-.4	
		IS	17 01 45.8						1.0	
. 19	BTY	IP D	17 01 41.6				45	288	.1	
.....										
. 20	12	40	37.63	38.26 N	116.13 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
WARM SPRINGS										
. 20	PRN	IP D	12 40 58.6				130	134	-.1	
		ES	12 41 14.5						.4	
. 20	NYR	E(P)	12 40 59.2				134	179	-.1	
. 20	NYJ	E(P)	12 40 59.6				140	174	-.7	
. 20	ELY	IP C	12 41 1.0				145	48	.0	
. 20	BTY	E(P)	12 41 4.2				152	201	.3	
. 20	LSM	E(P)	12 41 5.5				170	185	.4	
.....										
22	NYM	E(P)	00 09 55.1							
22	NYJ	I(P)	00 10 2.3							
22	CPX	E(P)	00 10 3.5							
22	LSM	E(P)	00 10 6.8							
		E(S)	00 10 19.0							DIFFICULT S
22	PRN	EP	00 10 11.7							
22	TSV	EP	00 10 16.5							
22	NEL	E(P)	00 10 32.5							
23	DAC	IP D	02 59 56.4							
		IS	03 00 3.0							
23	BTY	EP	03 00 12.0							
23	LSM	EP	03 00 14.0							
23	NYM	EP	03 00 21.1							
.....										
. 23	7	40	52.07	35.79 N	117.63 W	DEPTH =	10.4 KM	MB =	MS =	FREE DEPTH SOLUTION
LITTLE LAKE										
. 23	DAC	IP D	07 41 1.0				55	9	-.1	
		IS	07 41 7.6						-.1	
. 23	BTY	E(P)	07 41 16.6				149	34	.4	
. 23	LSM	EP	07 41 18.6				165	50	-.2	
. 23	NYM	E(P)	07 41 25.6				217	42	-.0	
.....										
. 23	14	14	54.79	37.31 N	117.45 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
MT. JACKSON										
. 23	BTY	E(P)	14 15 7.2				77	126	.0	
. 23	TPH	EP	14 15 8.9				88	14	-.0	
		E(S)	14 15 13.9						-5.3	
. 23	LSM	E(P)	14 15 14.6				122	121	.0	
.....										
23	TPH	IP C	22 37 51.0							
		IS	22 38 15.5							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	ELY	EP	22 38 12.7							
23	NYM	E(P)	22 38 14.5							
23	LSM	E(P)	22 38 21.4							
24	BTY	EP C	16 07 37.3							
		ES	16 07 48.0							
24	LSM	E(P)	16 07 37.6							
24	TPH	IP C	16 07 39.4							
24	NYM	I(P)	16 07 45.5							
25	DAC	IP D	02 12 2.0							
		ES	02 12 7.0							
25	BTY	EP	02 12 17.7							
25	LSM	EP	02 12 19.6							
25	DAC	IP D	03 56 3.5							
25	BTY	EP	03 56 19.3							
25	LSM	EP	03 56 21.2							
		ES	03 56 43.0							
25	NEL	I(P)	06 15 16.0							
		ES	06 15 38.1							
25	DAC	E(P)	06 15 20.0							
25	LSM	E(P)	06 15 24.1							
25	CPX	E(P)	06 15 28.2							
25	MCV	E(P)	16 51 24.7							
25	CPX	E(P)	16 51 27.6							
25	PRN	EP	16 51 31.1							
		ES	16 51 43.3							
25	BTY	E(P)	16 51 36.8							
26	CPX	IP C	17 34 24.4							
26	NYJ	I(P)	17 34 25.0							
		IS	17 34 27.1							
26	LSM	E(P)	17 34 28.6							
26	NYM	E(P)	17 34 29.9							
26	NYV	E(P)	17 34 30.7							
.....										
26	21 14 46.17	36.32 N 114.90 W		DEPTH =		13.9 KM	MB =	MS =	FREE DEPTH SOLUTION	
HOOPER DAM										
26	NEL	IP C	21 14 57.5			68	176		.1	
26	CPX	E(P)	21 15 6.0			124	303		-.3	
26	PRN	EP	21 15 6.0			125	353		-.5	
		IS	21 15 22.3						.8	
26	LSM	E(P)	21 15 7.8			132	291		.2	
26	BTY	EP	21 15 14.5			179	291		.1	
.....										
27	DAC	EP C	01 12 38.6							
		ES	01 13 4.7							
27	BTY	EP	01 12 54.7							
27	LSM	E(P)	01 12 58.1							
.....										
27	20 18 16.34	37.45 N 115.64 W		DEPTH =		5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
GROOM LAKE										
27	NYM	EP	20 18 23.0			44	237		-.4	
27	PRN	IP C	20 18 24.3			50	91		-.1	
27	TSV	I(P)	20 18 31.9			96	330		.1	
27	LSM	EP	20 18 32.7			98	216		.6	
		ES	20 18 43.5						-.2	
.....										
27	LEE	E(P)	21 38 53.5							
		I(S)	21 39 4.9							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	PRN	EP	21 39 12.1							
27	ELY	E(P)	21 39 20.9							
28	1 37	45.57	37.24 N 116.13 W	DEPTH =	5.0 KM	MB =	MS =			FIXED DEPTH SOLUTION
			SILENT CANYON							
28	NYJ	E(P)	01 37 50.4				30	152	.0	
		ES	01 37 53.9						.0	
28	CPX	EP	01 37 51.2				35	169	-.1	
28	LSM	EP	01 37 54.9				58	193	.0	
28	23 22	6.75	37.25 N 116.22 W	DEPTH =	5.0 KM	MB =	MS =			FIXED DEPTH SOLUTION
			SILENT CANYON							
28	NYJ	IPGC	23 22 12.3				34	141	.0	
		IS	23 22 14.3						-2.0	
28	CPX	IPGC	23 22 12.8				38	158	-.1	MASS MTN
28	LSM	EPG	23 22 16.0				57	186	.0	
28	BTY	E(P)	23 22 16.9				63	231	.0	
29	TSV	IP C	02 25 48.4							
		ES	02 25 55.6							
29	NYM	E(P)	02 25 50.0							
29	PRN	E(P)	02 25 56.0							
29	4 45	3.76	35.95 N 117.35 W	DEPTH =	0.0 KM	MB =	MS =			FIXED DEPTH SOLUTION
			SEARLES LAKE							
29	DAC	IP D	04 45 9.1				43	330	-1.5	
29	BTY	E(P)	04 45 24.1				118	26	1.3	
29	LSM	E(P)	04 45 25.3				131	47	.4	
		IS	04 45 46.2						5.8	
29	CPX	E(P)	04 45 28.7				160	46	-.9	
29	NYM	E(P)	04 45 32.3				184	39	-1.3	
29	NEL	E(P)	04 45 40.2				228	96	.4	
29	PRN	EP	04 45 42.0				263	50	-2.2	
29	TPH	EP	04 45 42.7				237	3	1.9	
29	TSV	EP	04 45 49.8				272	22	4.5	
29	DAC	EP	08 18 42.5							
29	BTY	EP	08 18 57.8							
		ES	08 19 14.2							
29	LSM	EP	08 18 59.8							
29	PRN	EP	08 19 22.3							
29	TPH	IP C	10 13 54.9							
		ES	10 14 14.3							
29	TSV	IP	10 14 3.8							
29	NYM	EP	10 14 12.2							
29	PRN	E(P)	10 14 18.7							
29	22 40	16.50	37.77 N 117.89 W	DEPTH =	12.3 KM	MB =	MS =			FREE DEPTH SOLUTION
			SILVER PEAK							
29	TPH	IP C	22 40 27.2				57	60	-.2	
		IS	22 40 43.3						7.9	
29	BTY	EP	22 40 39.4				140	134	.2	
29	TSV	IP C	22 40 42.6				158	72	.5	
29	DAC	EP	22 40 43.6				169	171	-.0	
29	NYM	EP	22 40 44.0				173	110	-.2	
29	LSM	I(P)	22 40 45.5				183	128	-.0	
29	NYJ	EP	22 40 46.1				189	116	-.2	

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
29	23 54	9.35	37.10 N 116.19 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
SILENT CANYON										
29	NYR	IP C	23 54 10.8				10	117	-.1	
29	NYM	IP D	23 54 11.6				19	40	-.8	
29	NYV	IP C	23 54 11.9				18	84	-.2	
29	CPX	IP C	23 54 12.5				22	146	-.3	
29	NYJ	IP C	23 54 12.5				22	117	-.3	
29	LSM	IP	23 54 15.4				41	191	-.4	
		ES	23 54 20.5						-.1	
29	BTY	IP D	23 54 17.7				56	246	-.6	
29	PRN	EP	23 54 28.2				107	69	1.6	
29	TSV	EP	23 54 29.2				123	1	.0	
29	TPH	EP	23 54 32.1				142	320	-.1	
29	DAC	E(P)	23 54 35.8				155	234	1.4	
29	NEL	EP	23 54 41.5				196	141	.4	
.....										
.....										
30	6 40	7.62	37.46 N 114.93 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
DELAMAR MTS.										
30	PRN	IP C	06 40 8.1				7	257	-.5	
30	NYV	EP	06 40 24.0				97	247	.8	
30	NYJ	EP	06 40 24.2				101	241	.3	
30	CPX	E(P)	06 40 26.0				111	239	.4	
30	LSM	EP	06 40 29.5				140	236	-.7	
		ES	06 40 47.7						.9	
30	TSV	EP	06 40 29.5				133	309	.3	
30	LEE	E(P)	06 40 31.1				144	99	.1	
30	BTY	EP C	06 40 33.5				170	249	-1.6	
.....										
.....										
30	6 41	46.45	37.46 N 115.00 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
DELAMAR MTS.										
30	PRN	IP C	06 41 46.8				6	256	-.5	
30	NYV	EP	06 42 2.7				96	247	.8	
30	NYJ	EP	06 42 2.9				100	241	.3	
30	CPX	E(P)	06 42 4.6				110	239	.3	
30	LSM	EP	06 42 8.1				139	235	-.8	
		ES	06 42 26.4						1.0	
30	TSV	E(P)	06 42 8.2				133	309	.3	
30	LEE	EP	06 42 10.1				145	99	.1	
30	BTY	E(P)	06 42 12.3				169	249	-1.5	
.....										
.....										
30	9 4	38.69	37.45 N 115.00 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
DELAMAR MTS.										
30	PRN	IP C	09 04 39.0				6	258	-.6	
30	NYJ	EP	09 04 55.1				100	241	.3	
30	NYV	EP	09 04 55.1				96	247	1.0	
30	CPX	E(P)	09 04 56.8				110	239	.3	
30	LSM	E(P)	09 05 .4				139	236	-.7	
		ES	09 05 18.6						1.0	
30	TSV	E(P)	09 05 .5				133	309	.4	
30	LEE	EP	09 05 2.3				145	99	.1	
30	BTY	E(P)	09 05 4.5				169	249	-1.5	
.....										
30	DAC	IP D	14 10 3.9							
30	BTY	EP	14 10 18.1							
30	LSM	E(P)	14 10 20.1							
		ES	14 10 40.7							
30	CPX	EP C	14 10 23.5							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
30	NYJ	EP	14 10 25.2							
30	LVW	E(P)	14 10 31.5							
30	NEL	E(P)	14 10 32.8							
30	PRN	EP	14 10 36.9							
30	TPH	EP	14 10 37.6							
30	JAC	EP C	17 51 23.0							
30	BTY	E(P)	17 51 38.6							
30	LSM	E(P)	17 51 40.8							
		ES	17 52 3.4							
30	CPX	E(P)	17 51 41.5							
30	TPH	E(P)	17 51 58.0							
30	JAC	IP D	19 02 22.8							
30	BTY	I(P)	19 02 38.7							
30	LSM	I(P)	19 02 40.3							
30	CPX	EP	19 02 44.1							
		ES	19 03 10.6							
30	NYM	EP	19 02 47.5							
.....										
30	21 17	.52	35.67 N 118.11 W	DEPTH =	15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
LAMONT PEAK										
30	DAC	EP D	21 17 13.5			82	34	-.4		
30	QTY	I(P)	21 17 29.7			182	41	.6		
30	LSM	I(P)	21 17 31.5			203	54	-.2		
30	CPX	I(P)	21 17 35.3			231	52	-.1		
		ES	21 18 1.2					.2		
30	NYJ	EP	21 17 36.6			242	52	-.2		
30	NYM	EP	21 17 38.4			253	46	.2		
.....										
30	23 17	53.53	37.10 N 116.21 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
SILENT CANYON										
30	NYR	IP	23 17 55.0			11	115	-.2		
30	NYM	IP	23 17 55.9			20	43	-.8		
30	CPX	IP	23 17 56.8			23	144	-.3		
30	NYJ	E(P)	23 17 57.0			23	116	-.1		
30	LSM	E(P)	23 18 .3			40	189	.3		
30	BTY	EP C	23 18 2.1			55	246	-.2		
		ES	23 18 9.0					.3		
30	PRN	EP	23 18 12.6			108	69	1.7		
.....										
31	4 27	29.16	38.03 N 116.24 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
WARM SPRINGS										
31	TSV	IP D	04 27 32.2			20	16	-.1		
31	PRN	I(P)	04 27 49.5			122	122	.7		
		ES	04 28 4.8					1.5		
31	NYM	EP	04 27 42.8			90	169	-.9		
31	TPH	IP C	04 27 43.3			87	273	.3		
		IS	04 27 54.3					1.1		
31	BTY	EP	04 27 50.5			135	201	-.4		
31	LSM	EP	04 27 52.1			144	181	-.3		
31	ELY	EP	04 27 55.9			170	43	-.6		
.....										
31	LEE	EP C	07 43 2.3							
		ES	07 43 25.0							
31	ELY	I(P)	07 43 7.0							
31	PRN	EP	07 43 14.8							
31	TSV	E(P)	07 43 22.8							
31	LEE	IP C	10 49 59.3							

SEISMOLOGICAL BULLETIN

JUL 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	PRN	EP	10 50 10.6							
		ES	10 50 27.1							
31	LSM	E(P)	10 50 31.1							
31	LSM	IP C	14 31 22.6							
		IS	14 31 25.3							
31	CPX	E(P)	14 31 26.2							
31	NYR	E(P)	14 31 28.5							
31	NYM	EP	14 31 29.6							
31	NYJ	E(P)	14 31 30.4							
31	LEE	IP C	14 34 40.0							
		IS	14 34 45.3							
31	PRN	IP C	14 34 51.2							
31	NYM	E(P)	14 35 3.3							
31	LSM	E(P)	14 35 8.5							

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	DAC	IP D	03 14 35.5							
01	BTY	EP D	03 14 52.2							
01	LSM	I(P)	03 14 56.6							
01	CPX	EP	03 14 59.8							
01	NYM	EP	03 15 2.6							
01	TPH	EP	03 15 8.2							
01	PRN	EP	03 15 13.3							
		ES	03 15 53.0							
01	TSV	EP	03 15 16.3							
01	DAC	IP D	04 50 41.2							
01	BTY	EP D	04 50 57.7							
01	LSM	I(P)	04 51 2.9							
01	CPX	E(P)	04 51 6.5							
01	NYR	EP	04 51 8.0							
01	TPH	EP	04 51 14.0							
01	TSV	EP	04 51 21.8							
		ES	04 51 55.6							
.....										
01	5 16 59.70	36.94 N	117.55 W	DEPTH =	8.8 KM	MB =	MS =	FREE DEPTH SOLUTION		
.....										
DRY MTN										
.....										
01	DAC	EP	05 17 11.7				74	183	.1	
01	LSM	EP	05 17 18.1				115	101	-.3	
01	TPH	EP	05 17 20.5				129	13	-.1	
		ES	05 17 38.0						2.1	
01	NYM	EP	05 17 22.1				137	76	.3	
01	TSV	IP C	05 17 29.3				185	40	-.0	
.....										
01	9 19 40.83	32.91 N	117.42 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
.....										
EARTHQUAKE NOT IN THE										
SOUTHERN NEVADA REGION										
.....										
01	DAC	E(P)	09 20 35.4				375	358	-.2	
01	NEL	IP C	09 20 37.9				392	37	.1	
		ES	09 21 14.9						-4.7	
01	BTY	E(P)	09 20 46.0				448	8	1.0	
01	LSM	I(P)	09 20 47.5				439	14	3.7	
01	CPX	EP	09 20 52.2				465	15	5.0	
01	PRN	EP	09 20 56.4				548	22	-1.4	
.....										
01	22 40 9.18	36.02 N	114.81 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
.....										
HOOVER DAM										
.....										
01	NEL	IP D	22 40 14.3				35	185	-.4	
		IS	22 40 19.3						.6	
01	LSM	IP D	22 40 33.9				154	302	-.2	
01	PRN	EP	22 40 35.1				160	352	.1	
01	BTY	E(P)	22 40 41.8				200	299	.2	
.....										
02	0 28 36.32	36.03 N	115.42 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
.....										
LAS VEGAS										
.....										
02	NEL	EP C	00 28 46.0				53	124	-.4	
		ES	00 28 54.4						.6	
02	LSM	EP	00 28 53.9				110	316	-.3	
02	NYM	E(P)	00 29 .5				145	337	.7	
02	PRN	EP	00 29 1.9				150	11	-.3	
.....										
02	DAC	E(P)	23 18 33.3							
02	LSM	I(P)	23 18 40.7							
02	BTY	IP C	23 18 42.3							

SEISMOLOGICAL BULLETIN

AUG STA PHASE TIME AMP PER MAG DIST AZI RES REMARKS
1972 (GMT) (MU) (SEC) (KM) (DEG) (SEC)

ES 23 19 4.4

03 1 8 52.92 37.33 N 116.22 W DEPTH = 0.0 KM MB = MS = FREE DEPTH SOLUTION
SILENT CANYON

03 LSM I(P) 01 09 3.5 56 185 -.0
03 BTY EP 01 09 4.0 69 225 .0
03 TSV E(P) 01 09 8.6 97 2 .0
E(S) 01 09 30.3 10.3
03 TPH EP C 01 09 12.4 121 313 -.0

03 DAC E(P) 05 57 45.5
03 LSM E(P) 05 57 52.3
E(S) 05 58 14.0
03 BTY EP 05 57 53.9

03 7 19 16.59 36.89 N 116.06 W DEPTH = 0.0 KM MB = MS = FREE DEPTH SOLUTION
LATHROP WELLS

03 CPX IP D 07 19 17.3 4 6 .1
03 NYJ IP D 07 19 18.4 15 31 -.5
ES 07 19 20.9 .3
03 NYR EP 07 19 19.6 18 351 .1
03 LSM IP D 07 19 20.7 26 229 .0
03 NYM I(P) 07 19 22.5 38 1 -.1
03 PRN EP C 07 19 34.1 107 55 .2

03 9 42 12.93 36.91 N 117.49 W DEPTH = 15.5 KM MB = MS = FREE DEPTH SOLUTION
TIN MTN

03 BTY EP 09 42 22.9 64 92 -.7
03 DAC IP D 09 42 24.5 71 188 -.2
IS 09 42 33.9 .7
03 LSM I(P) 09 42 30.7 109 100 -.1
03 TPH IP D 09 42 33.3 131 10 -.9
IS 09 42 50.9 1.1
03 NYM EP 09 42 34.5 132 74 .2
03 NYJ EP 09 42 35.5 135 85 .6
03 TSV IP D 09 42 42.0 184 39 .3
03 PRN EP 09 42 46.4 223 74 -.2

03 11 49 24.44 37.22 N 118.22 W DEPTH = 15.0 KM MB = MS = FIXED DEPTH SOLUTION
BLANCO MTN.

03 BTY E(P) 11 49 37.4 135 105 -9.0
03 DAC IP C 11 49 43.9 119 152 .0
03 TPH IP C 11 49 45.5 129 43 .1
ES 11 50 1.2 .5
03 TSV EP 11 49 48.8 211 58 -7.8
03 LSM IP 11 49 54.1 181 107 1.2
03 PRN EP 11 50 5.7 280 84 .1

03 15 34 5.54 36.84 N 116.26 W DEPTH = 0.0 KM MB = MS = FREE DEPTH SOLUTION
LATHROP WELLS

03 LSM IP 15 34 7.7 12 190 .4
03 CPX IP D 15 34 8.6 21 60 -.1
03 NYR IP 15 34 9.6 28 32 -.4
03 NYJ IP 15 34 10.1 31 53 -.4
03 NYV IP 15 34 11.4 38 38 -.3

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 03	BTY	IP	15 34 12.5				46	278	-4	
. 03	PRN	EP	15 34 26.3				125	57	.6	
. 03	TSV	EP	15 34 30.3				152	3	.3	
.	ES		15 34 48.7						.7	
. 03	TPH	EP	15 34 31.6				161	328	.0	
. 03	NEL	EP	15 34 34.4				178	134	-1	
.....										
. 03	20 52 49.41		37.41 N 117.84 W	DEPTH =	25.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
.	MAGRUDER MTN.									
. 03	TPH	EP	20 53 4.9				91	36	.3	
.	ES		20 53 15.4						-4	
. 03	DAC	IP C	20 53 9.8				128	170	-1	
. 03	LSM	I(P)	20 53 13.8				158	118	-1	
. 03	TSV	EP	20 53 16.8				171	59	1.3	
. 03	ELY	EP	20 53 33.4				321	53	-1.3	
.....										
. 04	DAC	E(P)	08 32 58.2							
. 04	LSM	I(P)	08 33 4.7							
. 04	BTY	IP C	08 33 7.1							
.	ES		08 33 39.5							
. 04	NEL	E(P)	08 33 8.1							
.....										
. 04	PRN	IP C	12 41 39.0							
. 04	NYV	EP	12 41 54.9							
. 04	CPX	E(P)	12 41 56.7							
. 04	TSV	EP	12 42 .3							
. 04	LSM	I(P)	12 42 .4							
. 04	BTY	EP	12 42 4.4							
.	ES		12 42 24.9							
. 04	ELY	E(P)	12 42 9.4							
.....										
. 04	12 44 43.21		35.26 N 117.17 W	DEPTH =	10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
.	OPAL MTN									
. 04	DAC	E(P)	12 45 2.9				119	341	.4	
.	ES		12 46 30.1						73.4	
. 04	BTY	E(P)	12 45 11.1				185	11	-1.6	
. 04	LSM	E(P)	12 45 13.5				183	26	1.1	
. 04	NEL	E(P)	12 45 16.8				217	76	.0	
. 04	NYM	E(P)	12 45 19.8				241	24	-1	
.....										
. 04	14 17 24.42		37.43 N 114.84 W	DEPTH =	10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
.	DELAMAR MTS.									
. 04	PRN	IP C	14 17 26.3				20	274	-1.6	
. 04	NYM	E(P)	14 17 42.4				109	259	.3	
. 04	NYJ	EP	14 17 42.7				111	245	.3	
.	ES		14 17 55.6						.1	
. 04	TSV	E(P)	14 17 48.5				145	307	.5	
. 04	LSM	E(P)	14 17 48.6				149	240	.0	
.....										
. 04	18 59 52.75		36.89 N 116.04 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
.	LATHROP WELLS									
. 04	CPX	IP C	18 59 53.5				5	340	.2	
. 04	NYJ	IP C	18 59 54.3				14	23	-6	
.	ES		18 59 56.7						.2	
. 04	LSM	EP	18 59 56.7				27	232	-4	
. 04	NYM	EP	18 59 58.5				38	358	-3	
. 04	BTY	E(P)	19 00 3.7				65	271	.5	

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	PRN	EP	19 00 10.3				106	54	.5	
04	20 44 25.65		37.73 N 115.08 W	DEPTH =			0.0 KM	MB =	MS =	FREE DEPTH SOLUTION
			HIKO							
04	PRN	IP C	20 44 30.5				32	178	-.2	
04	TSV	E(P)	20 44 43.1				109	299	-.2	
04	CPX	IP	20 44 45.9				124	225	.2	
04	LSM	IP	20 44 50.1				153	224	-.4	
		ES	20 45 9.2						.5	
04	ELY	I(P)	20 44 51.1				157	6	.2	
04	LEE	EP	20 44 51.5				160	109	.1	
04	21 50 6.09		36.10 N 115.37 W	DEPTH =			0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
			LAS VEGAS							
04	LVW	EP	21 50 9.4				19	64	.3	
		IS	21 50 18.5						7.3	
04	NEL	IP D	21 50 16.1				64	132	-.3	
		ES	21 50 23.9						-.1	
04	LSM	EP	21 50 23.1				108	312	-.4	
04	CPX	E(P)	21 50 24.0				111	327	-.0	
04	BTY	EP C	21 50 30.6				153	306	-.2	
04	DAC	E(P)	21 50 39.3				200	276	.8	
04	23 20 7.70		38.79 N 117.63 W	DEPTH =			15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
			PARADISE PEAK							
04	TPH	IP C	23 20 21.5				87	156	-.4	
		IS	23 20 39.5						7.3	
04	TSV	EP	23 20 31.3				143	117	.4	
04	NYM	EP	23 20 40.8				222	141	-.6	
04	BTY	EP C	23 20 43.1				224	160	1.4	
04	ELY	IP	23 20 43.5				240	80	-.2	
04	CPX	E(P)	23 20 44.4				249	146	-.4	
04	LSM	I(P)	23 20 45.7				257	152	-.2	
04	PRN	IP	23 20 47.8				270	123	.3	
05	0 5 59.49		35.70 N 115.99 W	DEPTH =			10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
			CLARK MTN							
05	NEL	E(P)	00 06 16.5				104	89	.1	
05	LSM	IP D	00 06 18.5				119	348	-.2	
		IS	00 06 33.5						.7	
05	CPX	E(P)	00 06 21.6				137	358	-.2	
05	BTY	E(P)	00 06 23.6				150	333	-.2	
05	DAC	EP C	00 06 25.3				158	294	.2	
05	11 15 48.78		37.99 N 113.16 W	DEPTH =			10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
			CEDAR CITY							
05	LEE	EP	11 16 2.5				86	193	-.1	
05	PRN	E(P)	11 16 18.4				179	251	1.0	
		ES	11 16 50.0						11.6	
05	ELY	I(P)	11 16 19.9				197	310	.2	
05	TSV	EP	11 16 27.8				265	276	-.7	
05	NYM	E(P)	11 16 28.7				269	253	-.3	

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
. 05	12 37	13.35	36.52 N 116.08 W	DEPTH =	25.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
LATHROP WELLS										
. 05	LSM	IP C	12 37 19.2				30	323	-0.4	
		IS	12 37 23.5						-0.6	
. 05	CPX	E(P)	12 37 22.8				45	3	1.1	
. 05	NYJ	E(P)	12 37 23.0				55	10	-0.0	
. 05	BTY	IP	12 37 26.2				74	304	.3	
. 05	NYM	EP	12 37 26.4				79	2	-0.2	
. 05	PRN	EP	12 37 34.6				136	41	-0.4	
.....										
. 07	2 32	45.13	39.59 N 121.40 W	DEPTH =	5.0 KM	MB =	MS =	TELESEISMIC SOLUTION		
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
. 07	DAC	E(P)	02 33 55.2				497	137		
. 07	LSM	E(P)	02 34 2.0				549	124		
		ES	02 34 37.8							
. 07	BTY	EP	02 34 4.6				504	125		
. 07	PRN	EP	02 34 8.4				602	111		
. 07	NEL	E(P)	02 34 22.8				721	125		
.....										
. 07	4 21	6.81	38.02 N 116.23 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
WARM SPRINGS										
. 07	TSV	IP D	04 21 9.7				20	13	-0.2	
. 07	TPH	IP C	04 21 20.7				88	274	-0.2	
		ES	04 21 31.9						.8	
. 07	PRN	IP D	04 21 26.9				121	122	.6	
. 07	BTY	E(P)	04 21 28.3				135	201	-0.3	
. 07	LSM	E(P)	04 21 29.7				143	182	-0.3	
.....										
. 07	ELY	IP C	17 20 10.7							
		ES	17 20 19.7							
. 07	TSV	EP	17 20 21.3							
. 07	PRN	EP	17 20 35.8							
.....										
. 07	ELY	IP C	19 05 44.9							
		ES	19 06 16.4							
. 07	TPH	EP C	19 05 45.3							
. 07	LSM	E(P)	19 05 50.0							
.....										
. 07	ELY	I(P)	20 52 21.1							
. 07	LEE	EP	20 52 39.7							
		ES	20 53 5.2							
. 07	PRN	I(P)	20 52 47.8							
.....										
. 08	LEE	I(P)	01 07 19.4							
		ES	01 07 48.7							
. 08	NEL	E(P)	01 07 20.4							
. 08	PRN	E(P)	01 07 39.5							
. 08	LSM	E(P)	01 07 41.6							
.....										
. 08	3 19	42.51	33.91 N 116.30 W	DEPTH =	25.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
. 08	NEL	E(P)	03 20 18.0				241	33	.4	
		ES	03 20 43.3						-0.1	
. 08	DAC	EP	03 20 23.4				288	336	-0.3	
. 08	LSM	E(P)	03 20 29.5				315	0	2.4	
. 08	PRN	E(P)	03 20 34.4				409	16	-4.7	
.....										

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	6 23	35.46	37.00 N 116.28 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
SILENT CANYON										
08	CPX	IP	05 23 37.6				22	111	-1.3	
08	NYC	IP C	05 23 37.9				20	34	-0.7	
		IS	05 23 40.4						-0.6	
08	NYR	E(P)	05 23 38.4				18	71	.1	
08	LSM	E(P)	05 23 40.2				29	179	.1	
08	NYJ	E(P)	05 23 41.0				27	89	1.2	
08	NYM	E(P)	05 23 41.5				33	39	.9	
.....										
09	DAC	EP	07 09 29.5							
		IS	07 09 38.4							
09	BTY	EP	07 09 40.3							
09	LSM	I(P)	07 09 41.7							
09	MCV	EP	07 09 42.9							
09	NYM	EP	07 09 48.6							
09	TPH	EP C	07 10 1.3							
.....										
09	15 39	31.37	37.46 N 113.70 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
ST. GEORGE										
09	LEE	E(P)	15 39 37.3				37	130	-0.0	
		ES	15 39 52.5						10.8	
09	PRN	EP	15 39 50.9				121	270	-0.0	
09	ELY	IP	15 40 5.4				213	331	-0.0	
.....										
09	20 25	52.95	35.86 N 117.76 W	DEPTH =	20.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
LITTLE LAKE										
09	DAC	IP D	20 25 57.5				49	18	-3.9	
09	BTY	E(P)	20 26 15.5				146	38	-0.9	
09	LSM	EP	20 26 18.8				165	53	-0.1	
		ES	20 26 36.8						-1.1	
.....										
09	PRN	EP	21 17 23.1							
		IS	21 17 39.3							
09	LSM	E(P)	21 17 24.4							
09	NYM	E(P)	21 17 26.3							
.....										
11	11 48	32.98	38.01 N 116.23 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
WARM SPRINGS										
11	TSV	IP D	11 48 36.0				22	12	-0.4	
11	TPH	IP C	11 48 47.1				87	275	.1	
		IS	11 48 57.9						.6	
11	NYC	IP D	11 48 47.8				95	176	-0.5	
11	CPX	EP	11 48 52.0				121	173	-0.5	
11	PRN	EP	11 48 52.7				120	121	.3	
11	BTY	EP	11 48 54.0				133	201	-0.5	
11	LSM	EP	11 48 55.7				141	182	-0.1	
11	MCV	EP	11 48 57.8				154	172	-0.1	
11	ELY	EP	11 49 0.0				171	43	-0.6	
11	DAC	EP	11 49 9.5				228	213	.6	
11	LEE	E(P)	11 49 16.9				265	108	3.1	
.....										
12	NYC	E(P)	12 23 42.0							VERY WEAK
12	NYR	EP	12 23 45.1							
12	NYC	I(P)	12 23 45.8							
		ES	12 23 50.9							

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	NYM	E(P)	12 23 46.7							
12	NYJ	EP	12 23 47.1							
12	CPX	E(P)	12 23 48.1							
12	LSM	E(P)	12 23 55.2							
13	5 34	12.62	37.70 N	115.09 W	DEPTH =	19.6 KM	MB =	MS =	FREE DEPTH SOLUTION	
			HIKO							
13	PRN	IP D	05 34 17.5				28	176	-.5	
13	TSV	EP D	05 34 30.3				111	301	-.4	
13	NYC	E(P)	05 34 30.8				112	238	-.1	
13	NYM	EP	05 34 31.2				100	239	2.2	
13	MCV	E(P)	05 34 35.3				143	215	-.4	
13	LEE	EP	05 34 38.1				150	108	.2	
13	ELY	I(P)	05 34 38.2				161	6	.3	
13	TPH	E(P)	05 34 41.5				192	283	-.3	
		ES	05 35 7.4						4.0	
13	7 31	13.30	39.23 N	115.62 W	DEPTH =	25.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
										EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
13	ELY	EP	07 31 24.2				64	100	-.1	
		ES	07 31 32.5						.2	
13	TSV	EP	07 31 33.4				124	203	.2	
13	PRN	EP	07 31 43.6				205	166	-.2	
13	9 7	51.79	38.62 N	117.25 W	DEPTH =	15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
			TOIYABE DOME							
13	TPH	EP	09 08 1.4				51	178	-.4	
		E(S)	09 08 17.8						8.6	
13	TSV	E(P)	09 08 8.9				104	116	.1	
13	NYC	E(P)	09 08 22.9				189	149	1.6	
13	ELY	E(P)	09 08 24.2				212	74	.1	
13	PRN	E(P)	09 08 25.6				232	124	-1.1	
13	DAC	IP D	10 59 7.7							
		ES	10 59 11.8							
13	BTY	EP	10 59 24.0							
13	MCV	E(P)	10 59 29.5							
13	CPX	E(P)	10 59 31.0							
13	NYC	E(P)	10 59 32.6							
13	14 1	39.30	37.40 N	114.66 W	DEPTH =	18.0 KM	MB =	MS =	FREE DEPTH SOLUTION	
			DELAMAR MTS.							
13	PRN	IP C	14 01 45.1				36	278	-.6	
13	LEE	E(P)	14 01 58.4				115	98	.3	
13	NYC	IP C	14 02 1.8				135	259	.5	
		ES	14 02 19.8						2.4	
13	MCV	E(P)	14 02 3.5				146	235	.6	
13	TSV	E(P)	14 02 4.8				160	304	.0	
13	NEL	E(P)	14 02 7.7				188	185	-.7	
13	ELY	EP	14 02 9.0				194	354	-.0	

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	16 52	17.43	37.56 N 114.05 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
ELY RANGE										
13	LEE	EP	16 52 28.3				69	120	-.2	
		IS	16 52 36.9						.3	
13	PRN	E(P)	15 52 31.3				91	262	-.8	
13	NYC	E(P)	15 52 49.1				192	257	.6	
13	TSV	E(P)	15 52 50.0				200	292	.2	
13	20 13	40.58	36.91 N 116.08 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
LATHROP WELLS										
13	CPX	IP D	20 13 41.1				3	50	.1	
13	NYR	IP	20 13 42.0				16	357	-1.0	
		IS	20 13 45.0						.2	
13	NYC	EP	20 13 45.6				28	346	.7	
13	TSV	E(P)	20 20 28.9							DOUBTFULL
		ES	20 20 42.7							
13	CPX	EP	20 20 37.9							
13	NYR	EP	20 20 40.3							
13	DAC	EP	20 31 51.5							
		IS	20 32 55.8							
13	NYR	IP	20 31 54.7							
13	CPX	EP	20 32 1.4							
13	BTY	EP	20 32 8.8							
13	CPX	IP C	20 37 .8							
		IS	20 37 2.1							
13	NYR	F(P)	20 37 3.3							
13	NYC	E(P)	20 37 4.6							
14	7 59	45.76	37.20 N 117.54 W	DEPTH =	15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
MAGRUDER MTN.										
14	BTY	EP C	07 59 58.1				77	116	-.3	
		IS	08 00 7.8						.3	
14	DAC	E(P)	08 00 2.4				103	183	-.1	
14	NYC	EP	08 00 5.3				123	92	-.4	
14	LSM	I(P)	08 00 6.0				123	114	.2	
14	CPX	E(P)	08 00 8.1				135	102	.4	
14	MCV	EP	08 00 10.7				151	114	.4	
14	TSV	E(P)	08 00 12.4				164	47	.4	
14	PRN	E(P)	08 00 18.6				221	82	-.7	
14	18 1	25.85	37.25 N 114.97 W	DEPTH =	12.7 KM	MB =	MS =	FREE DEPTH SOLUTION		
DELAMAR MTS.										
14	PRN	IP D	18 01 28.9				23	338	-1.0	
14	NYC	I(P)	18 01 42.9				136	264	-.1	
		ES	18 01 56.3						.7	
14	MCV	EP	18 01 44.4				115	233	-.1	
14	LSM	I(P)	18 01 47.0				130	244	.1	
14	LEE	EP	18 01 49.4				141	90	.6	
14	TSV	E(P)	18 01 50.7				150	315	.6	
14	NEL	EP	18 01 52.9				172	176	-.5	

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	3 36	42.10	37.70 N 116.01 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
QUARZITE MTN.										
15	NYC	EP	03 36 50.9				62	192	-1.1	
15	TSV	IP C	03 36 51.1				58	345	-0.2	
15	PRN	E(P)	03 36 56.7				88	109	.4	
15	LSM	EP	03 37 .2				110	193	.4	
15	MCV	E(P)	03 37 .6				119	180	-0.7	
15	BTY	E(P)	03 37 1.3				112	217	1.1	
	ES		03 37 17.0						3.6	
.....										
15	7 12	51.34	38.77 N 117.96 W	DEPTH =	20.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
PARADISE PEAK										
15	TSV	EP C	07 13 18.1				168	112	.5	
		IS	07 13 36.8						-0.0	
15	BTY	EP	07 13 25.1				234	153	-1.0	
15	NYC	EP	07 13 26.4				240	138	-0.4	
15	CPX	EP	07 13 30.3				255	140	.3	
15	LSM	E(P)	07 13 32.6				270	146	1.8	
15	PRN	EP	07 13 32.8				294	119	-0.9	
.....										
15	18 28	51.75	37.48 N 115.29 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
ALAMO										
15	PRN	IP C	18 28 54.3				20	101	-0.6	
15	NYC	IP C	18 29 5.4				84	245	.1	
15	CPX	I(P)	18 29 6.6				91	228	.2	
15	LSM	EP	18 29 10.9				120	227	-0.2	
15	BTY	EP C	18 29 15.5				146	244	.1	
15	LEE	EP	18 29 19.3				172	98	-0.2	
	ES		18 29 41.0						1.1	
15	ELY	EP	18 29 22.1				187	11	.1	
.....										
16	2 40	34.23	36.37 N 116.13 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
ASH MEADOWS										
16	MCV	IP C	02 40 38.4				31	22	-0.8	
16	LSM	IP D	02 40 40.3				43	342	-0.8	
		IS	02 40 43.0						-3.1	
16	CPX	E(P)	02 40 46.0				53	6	1.7	
16	BTY	E(P)	02 40 47.5				81	316	.2	
.....										
16	6 17	56.17	37.25 N 116.45 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
SILENT CANYON										
16	NYC	EP	05 18 .2				28	112	-0.4	
16	NYM	IP C	05 18 1.9				35	94	.2	
		IS	05 18 6.0						.2	
16	BTY	E(P)	05 18 4.0				49	215	-0.0	
16	LSM	E(P)	05 18 5.8				59	165	.1	
.....										
16	BTY	E(P)	08 45 9.9							
16	NYC	IP D	08 45 37.5							
16	CPX	E(P)	08 45 39.0							
16	LSM	EP	08 45 39.2							
		IS	08 45 43.4							
16	NYM	EP	08 45 39.4							

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	11 13	1.81	38.01 N	113.45 W	DEPTH =	10.0 KM	MB =	MS =		FIXED DEPTH SOLUTION
			MILFORD							
16	LEE	E(P)	11 13 15.9				86	176	.1	
16	PRN	EP	11 13 26.3				156	247	-.8	
		ES	11 13 46.7						1.0	
16	ELY	E(P)	11 13 31.0				177	315	.8	
16	TSV	E(P)	11 13 37.0				240	276	-1.3	
16	LSM	E(P)	11 13 44.9				288	241	.4	
16	13 50	43.48	42.74 N	118.75 W	DEPTH =	15.0 KM	MB =	MS =		EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
16	ELY	IP C	13 51 54.9							
		IS	13 52 20.0							
16	TSV	E(P)	13 51 59.3							
16	PRN	EP	13 52 14.4							
16	19 34	24.69	37.52 N	117.07 W	DEPTH =	5.0 KM	MB =	MS =		FIXED DEPTH SOLUTION
			GOLDFIELD							
16	NYC	I(P)	19 34 37.7				90	116	-1.5	
16	TSV	EP	19 34 42.3				109	46	.3	
16	BTY	EP	19 34 43.0				74	159	6.3	
16	LSM	EP	19 34 43.2				111	141	.5	
		ES	19 34 58.3						2.4	
16	DAC	E(P)	19 34 47.7				146	199	-.6	
19	3 32	30.98	38.26 N	117.07 W	DEPTH =	25.0 KM	MB =	MS =		FIXED DEPTH SOLUTION
			TONOPAH							
19	TPH	IP C	03 32 36.5				24	213	.0	
		IS	03 33 52.9						72.4	
19	TSV	EP C	03 32 44.1				78	94	-.1	
19	NYM	EP	03 32 54.0				145	141	.2	
19	LSM	E(P)	03 32 58.4				183	157	-.3	
19	PRN	EP	03 33 .7				198	116	.1	
19	10 28	7.86	37.02 N	116.49 W	DEPTH =	25.0 KM	MB =	MS =		FIXED DEPTH SOLUTION
			SILENT CANYON							
19	BTY	EP C	10 28 13.8				28	240	-.1	
19	NYC	EP	10 28 13.9				34	63	-.6	
19	LSM	EP C	10 28 15.2				37	148	.2	
		ES	10 28 19.9						-.2	
19	NYM	E(P)	10 28 16.7				46	59	.5	
19	15 13	49.83	37.26 N	114.71 W	DEPTH =	0.0 KM	MB =	MS =		FREE DEPTH SOLUTION
			DELAMAR MTS.							
19	PRN	I(P)	15 13 55.2				38	303	-.6	
19	LEE	E(P)	15 14 8.9				118	90	.0	
19	NYM	E(P)	15 14 9.1				119	269	.0	
19	NYC	E(P)	15 14 11.3				129	265	.6	
		ES	15 14 28.1						2.2	
19	LSM	E(P)	15 14 13.9				151	248	-.4	
19	TSV	E(P)	15 14 17.1				157	309	.3	

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
19	20 12	.79	35.95 N	115.53 W	DEPTH =	15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
			CLARK MTN							
19	LVW	EP	20 12 8.4				40 51	.8		
19	NEL	EP	20 12 11.6				67 112	-.2		
		ES	20 12 19.8					-.1		
19	MCV	E(P)	20 12 14.9				88 331	-.2		
19	LSM	E(P)	20 12 19.1				111 323	.2		
19	CPX	E(P)	20 12 19.2				120 337	-1.1		
19	NYM	EP	20 12 25.9				151 342	.6		
19	BTY	EP	20 12 26.3				153 314	.6		
19	PRN	EP	20 12 26.9				172 14	-1.1		
19	LEE	EP	20 12 37.1				240 53	.2		
.....										
19	23 1	51.99	36.89 N	117.88 W	DEPTH =	7.2 KM	MB =	MS =	FREE DEPTH SOLUTION	
			DRY MTN							
19	DAC	EP C	23 02 3.7				73 159	-.1		
		IS	23 02 12.5					.1		
19	BTY	I(P)	23 02 8.3				100 90	.2		
19	TPH	EP	23 02 15.2				143 24	.0		
19	LSM	EP	23 02 15.3				144 96	-.0		
19	NYC	IP C	23 02 17.0				156 79	-.3		
19	MCV	EP	23 02 19.9				170 99	.3		
.....										
20	1 20	34.84	36.67 N	116.20 W	DEPTH =	20.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
			LATHROP WELLS							
20	LSM	IP D	01 20 38.5				11 318	.2		
		ES	01 20 40.4					-.6		
20	MCV	IP D	01 20 39.2				18 102	.1		
20	CPX	E(P)	01 20 40.3				32 24	-.6		
20	NYC	E(P)	01 20 44.7				54 4	.6		
.....										
22	2 14	56.21	38.47 N	116.05 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION	
			WARM SPRINGS							
22	TSV	EP	02 15 .4				32 201	-.9		
22	TPH	EP	02 15 14.5				112 247	.3		
22	ELY	I(P)	02 15 16.2				124 54	.0		
		ES	02 15 30.7					-.1		
22	NYM	EP	02 15 18.6				138 180	.1		
22	PRN	E(P)	02 15 19.5				143 143	.1		
22	NYC	E(P)	02 15 20.3				147 184	.4		
.....										
22	10 58	7.99	38.19 N	117.07 W	DEPTH =	25.0 KM	MB =	MS =	FIXED DEPTH SOLUTION	
			TONOPAH							
22	TPH	EP C	10 58 12.9				19 225	.0		
		ES	10 58 33.6					17.1		
22	TSV	EP	10 58 21.2				78 89	.0		
22	NYM	E(P)	10 58 30.1				140 140	.0		
.....										

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
22	12 19	44.85	37.28 N 116.18 W	DEPTH =	20.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
SILENT CANYON										
22	NYC	IP C	12 19 47.4				14	172	-1.3	
22	NYM	IPG	12 19 49.0				12	116	.5	
		IS	12 19 51.0						-.2	
22	NYR	EPG	12 19 49.6				26	163	-.5	
22	CPX	E(P)	12 19 51.7				40	164	-.3	
22	LSM	E(P)	12 19 56.1				61	189	1.0	
.....										
.....										
22	13 50	18.28	37.62 N 114.04 W	DEPTH =	4.9 KM	MB =	MS =	FREE DEPTH SOLUTION		
ELY RANGE										
22	LEE	EP	13 50 30.0				72	126	.0	
		E(S)	13 50 38.5						-.0	
22	PRN	EP	13 50 33.0				93	258	-.3	
22	NYM	E(P)	13 50 48.2				183	257	.3	
22	NYC	EP	13 50 49.4				194	255	-.0	
.....										
.....										
23	8 6	30.61	36.88 N 116.00 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
MERCURY										
23	CPX	IP C	08 06 31.6				8	320	-.2	
		ES	08 06 33.1						.5	
23	NYR	E(P)	08 06 33.8				21	337	-.2	
23	NYV	E(P)	08 06 34.3				26	2	-.4	
23	MCV	E(P)	08 06 35.0				27	180	.1	
23	LSM	EP	08 06 35.2				29	238	-.1	
23	NYC	EP	08 06 36.0				34	336	.0	
23	NYM	E(P)	08 06 37.2				40	353	.3	
23	PRN	IP C	08 06 47.5				104	53	.2	
.....										
.....										
23	8 58	43.35	36.92 N 116.07 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
LATHROP WELLS										
23	CPX	IP C	08 58 43.8				2	32	.2	
23	NYR	IP C	08 58 45.7				16	352	-.1	
23	NYV	IP	08 58 46.2				23	18	-.8	
23	MCV	EP	08 58 46.5				32	169	-1.8	
23	LSM	IP	08 58 47.4				27	224	-.3	
23	NYC	IP C	08 58 47.7				28	344	.0	
23	BTY	EP	08 58 53.9				52	268	.6	
23	PRN	IP D	08 58 59.5				106	56	-1.0	
23	LVW	E(P)	08 59 4.3				114	136	2.4	
23	TSV	E(P)	08 59 7.0				143	356	.5	
23	LEE	EP	08 59 21.5				242	81	.4	
		ES	08 59 49.1						.3	
.....										
.....										
23	10 56	22.18	36.86 N 115.94 W	DEPTH =	10.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
MERCURY										
23	CPX	IP C	10 56 23.9				13	307	-.8	
		ES	10 56 25.9						-.7	
23	LSM	E(P)	10 56 27.8				33	246	.1	
23	NYC	E(P)	10 56 28.4				38	329	.0	
23	NYM	E(P)	10 56 29.4				42	346	.3	
.....										

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	12 36	52.15	36.88 N 115.99 W	DEPTH =	0.0	KM	MB =	MS =	FREE DEPTH SOLUTION	
			MERCURY							
23	CPX	IP C	12 36 53.1			8	313	-2		
23	NYR	E(P)	12 36 55.3			21	335	-2		
23	NYV	E(P)	12 36 56.0			25	0	-2		
23	MCV	E(P)	12 36 56.4			28	181	-2		
23	LSM	EP	12 36 56.9			30	238	-0		
23	NYC	EP	12 36 57.1			33	334	-3		
		ES	12 37 1.8					.5		
23	NYM	EP	12 36 58.0			39	352	-3		
23	BTY	E(P)	12 37 3.8			69	271	.6		
23	PRN	IP	12 37 9.1			103	53	.4		
23	TSV	E(P)	12 37 16.3			148	354	.3		
23	CPX	IP C	12 57 23.6							
		ES	12 57 25.5							
23	LSM	E(P)	12 57 27.4							
23	NYC	E(P)	12 57 28.3							
23	CPX	EP C	13 28 16.6							
		IS	13 28 18.2							
23	LSM	E(P)	13 28 20.5							
23	NYC	E(P)	13 28 21.3							
23	NYM	E(P)	13 28 22.2							
23	CPX	EP C	13 54 18.7							HELICORDER
		IS	13 54 20.5							
23	LSM	E(P)	13 54 22.6							
23	NYC	E(P)	13 54 23.1							
23	NYV	EP	20 53 56.0							
23	NYM	IP C	20 53 56.8							
23	NYR	IP C	20 53 57.8							
23	NYC	IP C	20 53 57.9							
		ES	20 54 .5							
23	LSM	E(P)	20 54 6.4							
23	20 59	33.37	36.89 N 116.01 W	DEPTH =	15.0	KM	MB =	MS =	FIXED DEPTH SOLUTION	
			LATHROP WELLS							
23	CPX	I(P)	20 59 34.5			6	316	-1.3		
23	LSM	E(P)	20 59 38.7			30	235	.1		
		IS	20 59 42.5					.0		
23	NYC	E(P)	20 59 39.0			32	336	.0		
23	NYM	E(P)	20 59 40.3			38	354	.4		
23	23 20	52.30	36.82 N 115.90 W	DEPTH =	15.0	KM	MB =	MS =	FIXED DEPTH SOLUTION	
			MERCURY							
23	CPX	EP	23 20 54.8			18	312	-1.2		
23	LSM	E(P)	23 20 58.5			35	254	.2		
		IS	23 21 3.0					.3		
23	NYC	E(P)	23 20 59.7			43	329	.1		
23	NYM	E(P)	23 21 .8			47	344	.6		
24	2 20	4.40	37.73 N 114.97 W	DEPTH =	16.9	KM	MB =	MS =	FREE DEPTH SOLUTION	
			HIGHLAND PEAK							
24	PRN	EP C	02 20 10.3			33	199	.1		
		IS	02 20 14.4					-1		
24	NYM	EP	02 20 22.4			110	240	.0		

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	TSV	EP	02 20 23.6				118	297	-0.0	
24	NYC	E(P)	02 20 24.4				122	239	.1	
24	LSM	EP	02 20 29.9				150	227	-0.0	
.....										
24	CPX	EP	04 33 2.7							
24	LSM	E(P)	04 33 7.3							
		ES	04 33 10.9							
24	NYC	E(P)	04 33 8.2							
24	NYM	E(P)	04 33 8.9							
.....										
24	18 20 57.60	36.06 N 118.25 W	DEPTH =	0.0 KM	MB =		MS =	FIXED DEPTH SOLUTION		
	KERN PEAK									
24	DAC	IP C	18 21 7.2				64	68	-0.7	
		IS	18 21 15.0						-0.4	
24	BTY	E(P)	18 21 24.1				163	55	.2	
24	LSM	E(P)	18 21 28.9				193	66	.1	
.....										
24	18 22 35.65	36.05 N 118.24 W	DEPTH =	0.0 KM	MB =		MS =	FIXED DEPTH SOLUTION		
	KERN PEAK									
24	DAC	IP C	18 22 45.4				63	66	-0.4	
		IS	18 22 53.2						-0.0	
24	BTY	E(P)	18 23 2.0				162	54	.1	
24	LSM	E(P)	18 23 7.0				192	66	.3	
.....										
24	18 23 41.16	36.13 N 118.19 W	DEPTH =	10.0 KM	MB =		MS =	FIXED DEPTH SOLUTION		
	KERN PEAK									
24	DAC	IP C	18 23 49.4				56	73	-0.9	
		IS	18 23 57.3						.4	
24	BTY	EP	18 24 5.9				153	56	-0.1	
24	LSM	EP	18 24 11.3				184	68	.8	
.....										
24	DAC	IP D	22 32 40.5							
24	BTY	IP C	22 32 55.9							
24	LSM	EP	22 32 58.0							
		ES	22 33 19.8							
24	NYC	EP	22 33 4.5							
24	NYM	EP	22 33 5.3							
24	TPH	E(P)	22 33 14.4							
24	PRN	E(P)	22 33 15.1							
24	TSV	E(P)	22 33 20.5							
.....										
25	3 28 32.78	37.16 N 116.10 W	DEPTH =	0.0 KM	MB =		MS =	FREE DEPTH SOLUTION		
	SILENT CANYON									
25	NYC	IP	03 28 33.8				5	269	.3	
25	NYM	IP	03 28 33.8				9	24	-0.3	
25	NYV	IP	03 28 34.1				10	117	-0.3	
25	NYR	IP	03 28 34.5				11	178	.0	
25	CPX	IP C	03 28 36.2				25	172	-0.5	
25	LSM	EP	03 28 40.7				49	199	.0	
25	MCV	EP	03 28 42.3				59	172	.1	
25	BTY	EP	03 28 43.5				56	244	.0	NTS
25	PRN	EP	03 28 48.4				96	71	.1	
		IS	03 29 .8						1.1	
25	TSV	EP	03 28 51.3				117	357	-0.3	
25	TPH	E(P)	03 28 55.7				142	316	-0.0	
25	DAC	E(P)	03 28 59.9				156	234	.3	
.....										

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	10	4	2.26	36.90 N	116.04 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION
				LATHROP WELLS						
25	CPX	IP C	10 04 2.7				4	344	-.1	NTS
25	NYR	EP	10 04 4.9				18	346	-.2	
25	NYV	E(P)	10 04 5.8				24	11	-.3	
25	LSM	IP C	10 04 6.4				27	230	-.2	
25	NYC	IP	10 04 6.7				30	341	-.3	
		ES	10 04 11.4						.9	
25	MCV	EP	10 04 7.3				30	173	.3	
25	NYM	EP	10 04 7.5				37	359	-.6	
25	TSV	E(P)	10 04 26.8				146	355	1.0	
25	23	9	24.01	38.08 N	116.20 W	DEPTH =	20.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
				WARM SPRINGS						
25	TSV	IP D	23 09 27.4				14	10	-.4	
		ES	23 09 30.7						.1	
25	NYM	EP	23 09 39.0				95	172	-.6	
25	TPH	E(P)	23 09 39.1				89	270	.4	
25	PRN	EP D	23 09 44.7				123	125	.7	
26	0	2	7.45	37.36 N	116.21 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION
				SILENT CANYON						
26	NYM	IP C	00 02 10.2				20	136	-.4	
		IS	00 02 12.7						-.2	
26	NYC	EP	00 02 11.5				24	168	.3	NTS
26	TSV	EP	00 02 22.3				93	2	-.2	
26	PRN	E(P)	00 02 24.2				102	85	.4	
26	4	41	11.55	37.28 N	116.43 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
				SILENT CANYON						
26	NYC	EP	04 41 15.4				28	120	-.5	
26	NYM	E(P)	04 41 16.7				34	99	-.2	
26	TPH	EP	04 41 28.3				113	322	-1.4	
		ES	04 41 32.5						-10.5	
26	TSV	EP	04 41 29.9				105	12	1.4	
26	DTY	E(P)	04 41 30.8				52	215	10.8	
26	7	55	8.91	37.99 N	112.97 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
26	LEE	EP	07 55 23.5				91	204	-.0	
26	PRN	EP	07 55 41.8				195	252	1.4	
		ES	07 55 9.3						5.8	
26	ELY	E(P)	07 55 43.5				210	308	.9	
26	TSV	E(P)	07 55 50.5				282	276	-1.3	
26	NYM	E(P)	07 55 51.6				285	254	-.6	
27	11	17	10.80	38.20 N	115.85 W	DEPTH =	25.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
				TROY CANYON						
27	TSV	IP C	11 17 12.4				29	271	-4.4	
		IS	11 17 15.5						-5.7	

SEISMOLOGICAL BULLETIN

AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	TSV	IP	11 17 19.5							
27	TPH	E(P)	11 17 28.4							
27	PRN	EP	11 17 28.6							
27	ELY	E(P)	11 17 31.8							
27	TPH	I(P)	11 17 35.5							
		IS	11 17 49.1							
27	PRN	IP C	11 17 35.8							
27	ELY	I(P)	11 17 38.9							
27	TSV	IP C	11 18 26.5							
		IS	11 18 29.4							
27	TPH	EP	11 18 42.5							
27	PRN	EP	11 18 42.7							
27	ELY	E(P)	11 18 45.8							
.....										
27	11 31	2.71	38.23 N 115.94 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION		
			TROY CANYON							
27	TSV	I(P)	11 31 5.4			21	261	-0.6		
27	TPH	EP	11 31 21.3			114	261	.3		
		ES	11 31 34.8					.4		
27	PRN	IP	11 31 21.5			117	138	.0		
27	ELY	I(P)	11 31 24.5			135	42	.0		
.....										
27	17 23	29.66	38.23 N 115.94 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
			TROY CANYON							
27	TSV	IP C	17 23 32.3			21	261	-0.6		
27	TPH	EP	17 23 48.3			114	261	.3		
		ES	17 24 1.8					.4		
27	PRN	IP	17 23 48.5			117	139	.0		
27	ELY	EP	17 23 51.5			135	42	.0		
.....										
28	23 36	4.20	37.26 N 113.85 W	DEPTH =	10.2 KM	MB =	MS =	FREE DEPTH SOLUTION		
			ST. GEORGE							
28	LEE	IP C	23 36 10.9			42	93	-0.2		
28	PRN	I(P)	23 36 22.2			110	281	.2		
28	NEL	EP	23 36 35.5			194	208	.7		
28	LSM	E(P)	23 36 38.2			224	256	-0.4		
		ES	23 37 9.9					6.1		
28	ELY	IP D	23 36 39.3			227	337	.3		
28	BTY	EP	23 36 43.0			262	262	-0.6		
.....										
29	4 15	15.47	36.37 N 116.87 W	DEPTH =	0.0 KM	MB =	MS =	FREE DEPTH SOLUTION		
			FURNACE CREEK							
29	BTY	IP	04 15 24.9			59	9	-0.1		
		IS	04 15 32.1					.1		
29	DAC	IP C	04 15 26.0			66	261	.0		
29	LSM	EP	04 15 26.3			57	52	-0.0		
29	CPX	E(P)	04 15 30.9			96	49	-0.1		
29	NYC	IP	04 15 32.8			109	36	-0.2		
29	NYM	IP	04 15 35.3			121	37	.3		
.....										

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AUG 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	4 41		22.69	36.66 N	117.25 W	DEPTH =	15.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
				TIN MTN						
29	BTY	E(P)	04 41 30.3				50	59	-.8	
29	LSM	EP	04 41 36.8				87	84	-.1	
29	NYC	EP	04 41 41.1				112	60	.2	
		E(S)	04 41 54.4						.2	
29	NYM	E(P)	04 41 42.9				124	59	.0	
29	PRN	I(P)	04 41 55.7				213	65	.5	
30	10 22		24.15	37.06 N	119.18 W	DEPTH =	5.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
				EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION						
30	DAC	EP	10 22 50.8				166	121	-.2	
		IS	10 23 16.8						6.1	
30	BTY	IP	10 22 59.1				216	94	1.0	
30	LSM	EP	10 23 3.6				261	97	-.2	
30	NYM	EP	10 23 6.0				278	85	-.0	
30	PRN	EP	10 23 17.6				367	82	.2	
31	11 23		30.57	37.49 N	116.39 W	DEPTH =	0.0 KM	MB =	MS =	FIXED DEPTH SOLUTION
				SILENT CANYON						
31	CPX	EP C	11 23 41.7				59	155	.0	
		ES	11 23 49.8						-.0	
31	LSM	EP	11 23 44.2				85	173	-.0	
31	PRN	EP	11 23 49.4				117	92	-.0	
31	21 36		37.92	36.87 N	117.42 W	DEPTH =	16.4 KM	MB =	MS =	FREE DEPTH SOLUTION
				TIN MTN						
31	BTY	IP C	21 36 47.2				58	87	-.5	
31	DAC	IP D	21 36 49.0				67	193	-.1	
31	LSM	IP C	21 36 54.9				103	98	.2	
31	CPX	EP	21 36 57.7				122	86	-.1	
31	MCV	EP	21 36 59.4				129	101	.4	
31	TPH	IP D	21 37 0.0				135	7	.1	
		IS	21 37 16.0						.0	
31	PRN	E(P)	21 37 10.9				218	72	-.1	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	0 5	17.91	35.74 N	116.50 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION		
SHOSHONE										
01	MCV	EP	00 05 35.8				109	24	.2	
01	LSM	EP C	00 05 35.9				113	10	-.3	
		ES	00 05 49.8						.2	
01	DAC	E(P)	00 05 36.7				115	301	.1	
01	BTY	IP C	00 05 38.9				130	349	-.2	
01	NYM	EP	00 05 45.5				171	13	.0	
.....										
01	CPX	IP C	02 41 49.1							
		IS	02 41 50.5							
01	MCV	E(P)	02 41 54.0							
01	LSM	EP	02 41 54.3							
01	NYM	E(P)	02 41 55.3							
01	BTY	E(P)	02 42 2.9							
01	SMN	IP C	02 42 6.4							
01	CPX	IP C	02 49 45.9							
		IS	02 49 47.5							
01	LSM	E(P)	02 49 50.3							
01	NYM	E(P)	02 49 56.3							
.....										
01	4 42	1.10	37.34 N	116.81 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION		
THIRSTY CANYON										
01	BTY	EP C	04 42 7.2				50	175	-1.9	
		ES	04 42 14.3						-.7	
01	TPH	EP	04 42 15.1				89	336	-.3	
01	LSM	I(P)	04 42 15.4				82	144	1.1	
01	DAC	EP	04 42 24.4				137	211	1.1	
.....										
01	6 13	15.53	35.68 N	117.58 W	DEPTH = 8.0 KM			FREE DEPTH SOLUTION		
LITTLE LAKE										
01	DAC	IP C	06 13 26.6				67	359	.2	
01	BTY	EP C	06 13 40.0				154	28	-.6	
01	LSM	EP	06 13 42.9				166	45	.3	
01	MCV	EP	06 13 44.6				177	53	.3	
01	CPX	EP C	06 13 46.4				195	44	-.2	
01	NYM	EP	06 13 49.8				220	38	-.0	
		ES	06 14 31.6						16.7	
01	LVH	EP	06 13 50.8				223	75	.6	
01	NEL	IP C	06 13 52.8				248	88	-.5	
01	PRN	EP C	06 13 59.7				298	48	-.1	
.....										
01	DAC	IP C	06 34 37.4							
		IS	06 34 53.4							
01	LSM	E(P)	06 34 54.2							
01	NYM	E(P)	06 35 .8							
01	LVH	E(P)	06 35 1.5							
01	NEL	E(P)	06 35 3.6							
01	TPH	IP C	12 01 6.3							
		IS	12 01 17.3							
01	SMN	EP	12 01 12.2							
01	ELY	E(P)	12 01 19.6							
01	DAC	EP	23 38 23.9							
01	BTY	EP	23 38 29.7							
		ES	23 38 42.5							
01	LSM	EP	23 38 31.4							

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
02	15 30	31.48	37.37 N	113.87 W	DEPTH =	16.4 KM	FREE DEPTH SOLUTION			
ST. GEORGE										
02	LEE	IP C	15 30 39.1				45	107	-.1	
02	PRN	EP C	15 30 49.0				107	275	.1	
02	LVM	EP	15 31 .1				178	222	.7	
02	NYM	IP D	15 31 1.3				194	266	-.2	
02	CPX	EP	15 31 1.9				200	257	-.4	
		ES	15 31 29.4						4.6	
02	NEL	IP D	15 31 2.7				204	206	-.0	
02	ELY	EP D	15 31 4.4				216	336	.2	
02	LSM	EP D	15 31 5.2				225	253	-.3	
.....										
02	15 50	33.22	37.26 N	113.85 W	DEPTH =	6.2 KM	FREE DEPTH SOLUTION			
ST. GEORGE										
02	LEE	IP C	15 50 39.8				42	93	-.1	
		ES	15 50 45.1						.2	
02	PRN	EP	15 50 51.0				110	281	.0	
02	NEL	E(P)	15 51 4.3				194	208	.0	
02	ELY	I(P)	15 51 8.4				227	336	.0	
.....										
02	22 41	53.95	37.26 N	113.83 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
ST. GEORGE										
02	LEE	IP C	22 42 .4				40	93	-.0	
02	PRN	IP	22 42 11.9				111	281	-.0	
		ES	22 42 28.2						3.1	
02	NEL	IP	22 42 25.2				195	208	.0	
02	ELY	EP	22 42 29.4				228	336	.0	
.....										
03	DAC	IP D	18 35 4.2							
		IS	18 35 10.3							
03	BTY	E(P)	18 35 20.3							
03	LSM	EP	18 35 22.1							
03	MCV	E(P)	18 35 24.0							
03	NYM	E(P)	18 35 29.2							
03	NEL	EP	21 05 23.4							
		ES	21 05 39.6							
03	LSM	EP	21 05 25.2							
03	CPX	E(P)	21 05 28.2							
03	BTY	E(P)	21 05 31.1							
03	DAC	EP	21 05 32.1							
.....										
03	21 5	6.75	35.74 N	115.97 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION			
CLARK MTN										
03	PRN	EP	21 59 48.6				206	23	3250.3	
		IS	21 59 53.6						3232.1	
03	NYM	EP	21 59 59.8				166	357	3266.6	
03	LSM	E(P)	22 00 4.1				114	346	38.7	
.....										
03	22 49	55.67	36.56 N	116.31 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
LATHROP WELLS										
03	LSM	IP C	22 49 58.4				20	8	-.4	
		ES	22 50 .8						-.2	
03	MCV	IP D	22 50 0.0				29	74	-.2	
03	CPX	E(P)	22 50 3.8				47	29	.6	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	BTY	EP	22 50 4.5				55	312	.0	
03	NYM	E(P)	22 50 8.3				78	17	.1	
.....										
04	0 31	12.99	35.26 N 117.61 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
BORON										
04	DAC	IP C	00 31 29.2				114	1	-2.1	
		IS	00 31 45.6						.9	
04	LSM	EP	00 31 45.1				204	36	-0.8	
04	BTY	E(P)	00 31 46.2				197	22	1.2	
04	MCV	E(P)	00 31 46.8				211	43	.0	
04	CPX	E(P)	00 31 48.7				233	36	-0.9	
04	NYM	EP	00 31 52.5				260	32	-0.6	
04	NEL	EP	00 31 53.9				255	78	1.4	
.....										
04	DAC	IP C	00 35 39.9							
		IS	00 35 56.0							
04	LSM	E(P)	00 35 56.7							
04	BTY	E(P)	00 35 56.8							
.....										
04	1 40	11.88	36.02 N 118.33 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
KERN PEAK										
04	DAC	IP C	01 40 22.8				72	67	-0.7	
		IS	01 40 31.7						-0.3	
04	BTY	E(P)	01 40 39.7				171	55	.2	
04	LSM	E(P)	01 40 44.6				201	66	.3	
.....										
04	9 4	48.24	36.57 N 116.33 W	DEPTH = 11.2 KM			FREE DEPTH SOLUTION			
LATHROP WELLS										
04	LSM	IP C	09 04 51.8				19	15	.1	
		ES	09 04 54.3						-0.0	
04	MCV	EP	09 04 53.4				30	77	-0.0	
04	CPX	E(P)	09 04 56.0				47	32	.0	
04	BTY	E(P)	09 04 56.9				53	313	-0.0	
.....										
05	11 16	6.30	37.27 N 117.84 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
05	DAC	E(P)	11 16 24.6				113	168	.1	
05	LSM	EP	11 16 30.5				151	112	-0.2	
		E(S)	11 16 48.9						.1	
05	NYM	E(P)	11 16 32.2				159	91	.2	
05	CPX	E(P)	11 16 32.6				163	103	-0.1	
05	MCV	E(P)	11 16 35.0				179	113	.1	
.....										
05	LSM	EP D	13 04 21.7							
		ES	13 04 25.5							
05	NYM	EP	13 04 23.7							
05	MCV	E(P)	13 04 26.8							
05	CPX	E(P)	13 04 27.7							
.....										
05	20 55	59.54	37.18 N 117.74 W	DEPTH = 11.4 KM			FREE DEPTH SOLUTION			
MAGRUDER MTN.										
05	DAC	EP	20 56 16.0				102	173	-0.0	
		ES	20 56 28.2						.1	
05	LSM	IP	20 56 22.0				139	110	-0.1	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 05	NYM	IP	20 56 23.9				150	87	.1	
. 05	MCV	IP	20 56 26.5				167	111	-.0	
.....										
. 06	0 20	56.09	37.37 N 114.19 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			TULE DESERT							
. 06	LEE	EP C	00 21 7.8				73	101	-.1	
		ES	00 21 16.6						.1	
. 06	NYM	EP	00 21 22.9				166	265	-.0	
. 06	CPX	E(P)	00 21 24.2				173	254	.1	
. 06	MCV	EP	00 21 25.3				181	244	-.1	
. 06	LSM	EP	00 21 28.3				199	250	.0	
.....										
. 06	3 53	53.43	37.13 N 117.61 W	DEPTH =	14.0 KM					FREE DEPTH SOLUTION
			MAGRUDER MTN.							
. 06	DAC	IP D	03 54 8.5				95	179	-.4	
		ES	03 54 20.6						.4	
. 06	TPH	IP D	03 54 11.5				110	18	.2	
. 06	LSM	E(P)	03 54 14.1				126	110	.2	
. 06	NYM	EP	03 54 15.6				138	85	-.3	
. 06	CPX	EP	03 54 16.1				139	99	.0	
. 06	MCV	IP D	03 54 18.8				153	111	.5	
. 06	PRN	EP	03 54 27.6				227	80	-.3	
.....										
. 07	19 31	56.52	37.84 N 116.22 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			QUARZITE MTN.							
. 07	NYM	E(P)	19 32 7.1				69	168	-.5	
. 07	TPH	IP C	19 32 11.3				92	287	-.0	
. 07	CPX	EP	19 32 13.5				102	172	.7	
. 07	PRN	EP	19 32 14.3				110	113	-.0	
. 07	LSM	EP	19 32 16.2				122	183	-.1	
		ES	19 32 30.7						-.1	
.....										
. 07	20 38	26.74	37.04 N 115.98 W	DEPTH =	11.5 KM					FREE DEPTH SOLUTION
			GROOM LAKE							
. 07	NYV	E(P)	20 38 28.8				8	354	-.1	
. 07	CPX	IP	20 38 20.9				14	200	-.7	
. 07	NYJ	E(P)	20 38 28.9				4	172	.3	
. 07	NYM	E(P)	20 38 30.7				22	343	.1	
. 07	LSM	EP	20 38 33.8				43	218	-.1	
		IS	20 38 39.6						.5	
. 07	MCV	E(P)	20 38 34.4				46	182	.1	
.....										
. 07	21 58	55.56	37.08 N 115.52 W	DEPTH =	10.0 KM					FIXED DEPTH SOLUTION
			GROOM LAKE							
. 07	NYV	IP C	21 59 2.3				42	275	-.1	
. 07	NYM	IP C	21 59 3.4				50	289	-.3	
. 07	CPX	IP	21 59 3.7				50	251	-.1	
. 07	PRN	IP	21 59 4.8				57	45	.0	
. 07	MCV	EP	21 59 5.8				66	221	-.5	
. 07	LSM	IP	21 59 8.1				78	241	-.1	
. 07	NEL	EP	21 59 21.9				164	158	-.3	
		ES	21 59 42.0						.3	
. 07	DAC	EP	21 59 29.2				206	245	1.6	
.....										

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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08	21 11	35.68	38.59 N 116.69 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
			MT. JEFFERSON							

08	TPH	IP D	21 11 46.6				74	219	-.9	
08	NYM	IP C	21 12 .7				162	159	-1.1	
08	ELY	IP C	21 12 3.0				167	68	.3	
08	PRN	EP	21 12 5.6				192	131	-1.1	
08	SMN	I(P)	21 12 5.7				161	182	3.9	
08	LSM	EP	21 12 9.4				210	170	.1	
		ES	21 12 34.5						.6	
08	MCV	EP	21 12 12.3				226	164	.8	

09	3 15	43.85	37.64 N 120.02 W	DEPTH =	15.0 KM					FIXED DEPTH SOLUTION
										EARTHQUAKE. NOT IN THE
										SOUTHERN NEVADA REGION

09	TPH	E(P)	03 16 21.3				251	78	.1	
		ES	03 16 37.8						-10.8	
09	OAC	E(P)	03 16 22.8				264	124	-.1	
09	LSM	E(P)	03 16 33.0				347	106	-.6	
09	NYM	E(P)	03 16 34.0				354	96	-.4	
09	MCV	E(P)	03 16 38.3				374	106	1.2	

10	2 31	34.95	36.92 N 116.01 W	DEPTH =	.6 KM					FREE DEPTH SOLUTION
			LATHROP WELLS							

10	CPX	IP C	02 31 35.5				4	288	.0	
10	LSM	E(P)	02 31 40.0				31	230	.1	
		ES	02 31 43.5						-.0	
10	MCV	E(P)	02 31 40.0				32	178	-.0	
10	NYM	E(P)	02 31 40.4				35	354	-.0	
10	PRN	EP	02 31 51.4				102	55	.0	

10	6 11	44.02	42.91 N 116.78 W	DEPTH =	10.0 KM					TELESEISMIC SOLUTION
										EARTHQUAKE. NOT IN THE
										SOUTHERN NEVADA REGION

10	ELY	EP	06 12 47.2				449	159		
		IS	05 13 17.4							
10	TPH	E(P)	06 12 59.0				539	184		
10	PRN	E(P)	05 13 10.3				625	166		
10	NYM	E(P)	05 13 10.9				634	174		

10	6 42	37.72	36.78 N 115.39 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			HAYFORD PEAK							

10	MCV	E(P)	05 42 46.7				57	253	-.2	
10	CPX	EP	05 42 47.8				62	286	.1	
10	NYM	EP	05 42 50.0				78	310	-.2	
10	PRN	EP	05 42 50.4				79	21	.0	
		ES	06 43 4.2						4.6	
10	LSM	E(P)	06 42 50.8				80	267	.2	

10	DAC	IP C	09 41 5.5							
10	NEL	IP D	09 41 9.5							
10	LVW	EP C	09 41 11.9							
10	MCV	IP C	09 41 12.9							
10	LSM	EP D	09 41 13.2							
		ES	09 41 58.0							
10	NYM	E(P)	09 41 21.1							
10	PRN	IP D	09 41 27.7							

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	TPH	EP	09 41 31.1							
10	LEE	IP D	09 41 36.9							
10	DAC	EP C	13 47 49.8							
		IS	13 47 58.0							
10	LSM	E(P)	13 48 8.1							
10	LSM	I(P)	13 48 10.4							
10	MCV	E(P)	13 48 12.0							
10	TPH	EP	13 48 22.3							
10	NYM	E(P)	13 48 24.9							
.....										
11	19 58 28.71	33.82 N	116.39 W	DEPTH =	15.0 KM					FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE
										SOUTHERN NEVADA REGION
11	NEL	EP	19 59 6.5				254	33	-.0	
11	DAC	EP	19 59 11.8				295	338	.0	
11	MCV	E(P)	19 59 14.6				316	6	.2	
11	LSM	I(P)	19 59 15.5				326	2	-.2	
		ES	19 59 58.1						8.0	
.....										
12	14 3 30.96	37.00 N	117.58 W	DEPTH =	15.0 KM					FIXED DEPTH SOLUTION
			MAGRUDER MTN.							
12	DAC	IP D	14 03 44.0				81	181	-.2	
		IS	14 03 54.1						.3	
12	LSM	EP D	14 03 50.5				120	104	-.0	
12	TPH	E(P)	14 03 51.0				123	15	.0	
12	NYM	E(P)	14 03 53.5				138	79	.1	
12	MCV	E(P)	14 03 54.8				147	106	-.1	
.....										
12	14 4 14.65	36.99 N	117.60 W	DEPTH =	15.0 KM					FIXED DEPTH SOLUTION
			DRY MTN							
12	DAC	IP D	14 04 27.4				79	180	-.2	
		IS	14 04 37.4						.3	
12	LSM	IP	14 04 34.0				121	103	-.4	
12	TPH	IP D	14 04 35.0				125	15	.0	
12	NYM	IP	14 04 37.6				140	78	.2	
12	MCV	EP	14 04 38.9				148	105	.2	
.....										
12	22 3 22.32	36.99 N	117.57 W	DEPTH =	10.0 KM					FIXED DEPTH SOLUTION
			DRY MTN							
12	DAC	EP	22 03 34.9				79	182	-.3	
		ES	22 03 45.0						.4	
12	LSM	EP C	22 03 41.5				118	103	-.0	
12	TPH	EP	22 03 42.5				124	14	.1	
.....										
12	22 50 58.70	37.35 N	117.21 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			MT. JACKSON							
12	NYM	IP C	22 51 15.4				104	97	-.0	
12	LSM	E(P)	22 51 15.9				107	129	-.2	
12	DAC	EP	22 51 18.8				124	196	.0	
12	MCV	IP C	22 51 20.6				134	126	.2	
		ES	22 51 40.1						3.8	
.....										

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
12	23 19	1.00	37.49 N 116.39 W	DEPTH =		0.0 KM	FIXED DEPTH SOLUTION			
SILENT CANYON										
12	LSM	E(P)	23 19 14.3				84	173	-.2	
		ES	23 20 36.1						71.7	
12	PRN	EP C	23 19 19.8				117	92	-.1	
12	DAC	E(P)	23 19 28.8				172	219	-.0	
12	NEL	IP C	23 19 59.8				241	144	21.1	
.....										
.....										
13	16 44	4.15	37.32 N 117.27 W	DEPTH =		0.0 KM	FIXED DEPTH SOLUTION			
MT. JACKSON										
13	TPH	E(P)	16 44 17.4				84	3	-.2	
13	NYM	EP	16 44 20.9				108	95	-.7	
13	LSM	IP D	16 44 21.5				109	126	-.3	
		ES	16 44 36.1						1.3	
13	MCV	IP C	16 44 26.2				136	124	-.0	
13	PRN	IP C	16 44 35.1				196	85	-.7	
13	ELY	E(P)	16 44 49.7				290	45	1.7	
.....										
13	NEL	EP C	22 47 56.1							
		ES	22 48 23.6							
13	DAC	EP C	22 48 7.2							
13	MCV	E(P)	22 48 12.8							
13	LSM	E(P)	22 48 15.8							
14	TPH	E(P)	01 29 7.9							UNUSUAL CODA
		ES	01 29 18.4							
14	NYM	EP	01 29 11.7							
14	LSM	I(P)	01 29 12.5							
14	CPX	IP C	01 29 13.6							CA NV BORDER
14	MCV	EP	01 29 16.9							
.....										
14	1 40	42.35	37.10 N 115.56 W	DEPTH =		31.8 KM	FREE DEPTH SOLUTION			
GROOM LAKE										
14	NYV	EP C	01 40 50.1				38	272	-.1	
14	NYM	EP	01 40 51.1				46	288	-.1	
14	CPX	IP C	01 40 51.4				48	247	-.1	
14	PRN	IP C	01 40 52.5				58	49	-.2	
		ES	01 41 .8						.6	
14	MCV	EP	01 40 53.7				65	217	-.1	
14	LSM	I(P)	01 40 56.1				76	238	.8	
.....										
.....										
14	4 53	55.59	37.11 N 115.54 W	DEPTH =		22.8 KM	FREE DEPTH SOLUTION			
GROOM LAKE										
14	NYM	EP	04 54 4.0				48	286	-.1	
14	CPX	EP	04 54 4.3				51	247	-.3	
14	NYC	IP	04 54 5.1				55	275	-.1	
14	NYR	EP	04 54 5.1				50	263	.6	
14	PRN	IP C	04 54 5.3				55	49	.0	
		I(S)	04 54 12.2						-.1	
14	LSM	EP	04 54 8.8				78	238	-.0	
.....										

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	17 39	56.80	37.50 N 117.58 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			MAGRUDER MTN.							
14	NYC	EP	17 40 18.1				132	106	-.0	
14	NYM	EP	17 40 19.2				139	102	.0	
14	LSM	EP	17 40 20.0				143	126	-.0	UNUSUAL CODA
		IS	17 40 37.0						.0	
14	MCV	E(P)	17 40 24.4				170	124	.0	
14	18 41	51.90	37.35 N 117.17 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			MT. JACKSON							
14	TPH	EP	18 42 4.6				80	357	-.1	
		ES	18 42 14.6						.5	
14	NYC	IP C	18 42 6.9				93	103	.1	
14	NYM	EP	18 42 8.2				100	97	.2	
14	LSM	EP	18 42 8.9				105	130	.1	UNUSUAL CODA
14	DAC	E(P)	18 42 12.0				126	198	-.2	
14	MCV	IP C	18 42 13.6				131	127	.4	
14	PRN	EP	18 42 21.3				186	86	-.8	
14	23 29	54.71	37.49 N 117.58 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			MAGRUDER MTN.							
14	NYC	EP	23 30 15.9				132	106	-.1	
14	NYM	E(P)	23 30 17.1				138	101	.0	
14	LSM	E(P)	23 30 17.8				143	125	.0	UNUSUAL CODA
		ES	23 30 34.7						.0	
14	23 56	58.36	37.31 N 117.01 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
			MT. JACKSON							
14	NYC	EP	23 57 10.9				78	102	.0	
14	NYM	EP	23 57 12.1				86	96	-.0	
14	LSM	EP	23 57 13.1				91	134	.0	UNUSUAL CODA
		ES	23 57 30.0						6.2	
14	MCV	EP C	23 57 17.3				117	129	-.0	
15	0 45	35.62	37.37 N 117.17 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			MT. JACKSON							
15	NYC	EP	00 45 50.6				93	105	.0	
		ES	00 46 1.5						-.0	
15	NYM	EP	00 45 51.7				100	98	-.0	
15	LSM	EP	00 45 52.7				106	131	-.0	UNUSUAL CODA
15	MCV	EP	00 45 57.0				132	128	-.0	
15	0 57	52.90	37.49 N 117.52 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			MAGRUDER MTN.							
15	NYC	EP	00 58 13.3				127	107	-.1	
15	NYM	EP	00 58 14.5				133	102	.1	
15	LSM	EP	00 58 15.3				139	127	-.0	UNUSUAL CODA
		ES	00 58 31.8						.0	
15	MCV	EP C	00 58 19.8				166	125	.1	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	4 49	27.99	37.40 N	117.26 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
MT. JACKSON										
15	NYC	E(P)	04 49 44.1				101	105	-.2	
		ES	04 49 56.2						-.1	
15	NYM	E(P)	04 49 45.3				108	99	-.2	
15	LSM	E(P)	04 49 46.2				114	130	-.2	UNUSUAL CODA
15	CPX	E(P)	04 49 48.0				119	115	.9	
15	MCV	E(P)	04 49 50.5				141	127	-.2	
.....										
.....										
15	4 58	33.23	37.49 N	117.54 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
15	NYC	I(P)	04 58 53.7				128	106	-.2	
15	NYM	I(P)	04 58 54.8				135	102	-.2	
15	LSM	E(P)	04 58 55.8				140	126	-.0	
		ES	04 59 12.5						.2	
15	CPX	EP	04 58 56.8				145	115	.1	UNUSUAL CODA
15	MCV	EP	04 59 .1				167	124	-.1	
15	PRN	E(P)	04 59 8.2				219	91	.2	
.....										
.....										
15	12 9	54.73	37.31 N	115.25 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
ALAMO										
15	PRN	IP C	12 09 57.5				22	48	-.6	
15	NYV	EP	12 10 5.7				69	252	-.1	
15	NYM	IP	12 10 6.1				72	263	-.1	
15	CPX	EP	12 10 7.9				83	240	-.2	
15	NYS	EP	12 10 8.4				87	250	-.3	
15	MCV	E(P)	12 10 11.5				100	222	.7	
15	LSM	E(P)	12 10 12.7				111	236	.0	
15	LEE	EP	12 10 21.4				166	92	-.2	
		ES	12 10 42.5						1.1	
15	NEL	EP	12 10 23.8				181	168	-.3	
15	TPH	EP	12 10 26.7				193	297	.7	
.....										
.....										
15	13 53	9.53	37.43 N	117.36 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
MT. JACKSON										
15	NYC	E(P)	13 53 27.4				111	105	.0	
15	NYM	E(P)	13 53 28.5				118	100	-.0	
15	LSM	E(P)	13 53 29.4				123	128	.0	UNUSUAL CODA
		E(S)	13 53 46.6						2.7	
15	MCV	E(P)	13 53 33.7				150	126	-.0	
.....										
.....										
15	14 13	57.99	37.23 N	115.14 W	DEPTH =	25.0 KM	FIXED DEPTH SOLUTION			
ALAMO										
15	PRN	EP D	14 14 3.5				24	16	-.0	
15	NYM	E(P)	14 14 11.6				81	270	.0	
15	LSM	E(P)	14 14 16.7				115	242	.0	
		E(S)	14 14 30.3						-.0	
.....										

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
15	22 15	27.34	36.32 N 114.93 W	DEPTH = 17.7 KM						FREE DEPTH SOLUTION
			HOOVER DAM							
15	NEL	IP C	22 15 38.8				68	174	.2	
15	CPX	EP	22 15 47.2				122	304	-.0	
15	PRN	EP	22 15 47.2				126	354	-.6	
		IS	22 16 3.6						.8	
15	LSM	IP	22 15 48.5				130	291	-.0	
15	NYM	EP	22 15 50.5				143	316	.1	
15	LEE	EP	22 15 54.4				172	53	-.0	
.....										
15	23 42	50.69	38.75 N 117.66 W	DEPTH = 20.0 KM						FIXED DEPTH SOLUTION
			PARADISE PEAK							
15	TPH	EP	23 43 4.3				85	153	-.4	
		IS	23 43 22.4						7.5	
15	NYM	IP	23 43 23.5				220	139	-.2	
15	ELY	I(P)	23 43 26.4				244	79	-.2	
15	LSM	EP	23 43 28.4				255	151	.3	
15	PRN	EP	23 43 30.5				270	122	.5	
.....										
16	7 0	12.63	35.89 N 113.43 W	DEPTH = 10.0 KM						FIXED DEPTH SOLUTION
			PEACH SPRINGS							
16	NEL	EP	07 00 24.9				129	262	-8.7	
16	LEE	EP	07 00 37.6				151	2	.5	
16	PRN	E(P)	07 00 45.7				227	320	-1.7	
		ES	07 00 49.2						-23.7	
16	CPX	E(P)	07 00 53.9				263	297	1.9	
16	LSM	E(P)	07 00 53.9				273	291	.6	
.....										
16	17 47	33.57	37.52 N 115.70 W	DEPTH = 5.0 KM						FIXED DEPTH SOLUTION
			WORTHINGTON PEAK							
16	NYM	EP	17 47 40.5				45	225	-.2	
16	PRN	IP	17 47 42.5				56	99	-.1	
16	NYC	E(P)	17 47 42.5				57	225	-.2	
16	LSM	E(P)	17 47 50.6				101	211	.7	
		E(S)	17 48 1.5						-.4	
.....										
16	22 2	26.63	39.02 N 115.10 W	DEPTH = 10.0 KM						FIXED DEPTH SOLUTION
				EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION						
16	PRN	IP	22 02 54.8				175	179	-.0	
		ES	22 03 20.4						5.0	
16	TPH	EP C	22 02 59.5				213	241	.0	
16	LEE	E(P)	22 03 4.2				248	142	-.0	
.....										
17	7 14	30.86	37.85 N 117.96 W	DEPTH = 0.0 KM						FIXED DEPTH SOLUTION
			SILVER PEAK							
17	TPH	IP C	07 14 41.9				69	68	-.0	
17	NYM	EP C	07 14 59.5				181	111	-.7	
17	OAC	EP C	07 14 59.6				177	169	.0	
		IS	07 15 25.3						4.7	
17	NYS	IP	07 15 0.0				182	119	-.3	
17	LSM	IP C	07 15 2.0				193	129	-.1	
17	NYV	IP C	07 15 3.3				192	114	1.4	
.....										

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
18	12	S	38.92	37.42 N	116.94 W	DEPTH =	0.0 KM			FREE DEPTH SOLUTION
THIRSTY CANYON										
18	TPH	E(P)	12 05 51.0				77	341	-.3	
18	NYC	IP D	12 05 51.5				75	112	.5	
18	LSM	EP D	12 05 51.8				95	142	-2.5	
		ES	12 06 6.2						.6	
18	NYM	E(P)	12 05 53.6				81	104	1.6	
18	MCV	E(P)	12 05 56.5				121	136	-1.8	
18	DAC	E(P)	12 06 2.4				139	205	.9	
.....										
19	19	54	20.35	35.90 N	115.59 W	DEPTH =	21.0 KM			FREE DEPTH SOLUTION
CLARK MTN										
19	LVW	EP C	19 54 29.0				47	50	.3	
		ES	19 54 34.6						-.2	
19	NEL	EP	19 54 31.9				70	107	-.2	
19	MCV	E(P)	19 54 34.8				90	336	-.5	
19	LSM	E(P)	19 54 39.4				113	327	.5	
19	PRN	EP	19 54 47.3				178	15	-.5	
19	LEE	EP	19 54 57.3				248	52	.5	
.....										
19	22	13	14.24	36.32 N	114.92 W	DEPTH =	15.0 KM			FIXED DEPTH SOLUTION
HOOVER DAM										
19	NEL	EP	22 13 25.6				68	174	.1	
19	CPX	EP	22 13 34.1				122	304	-.0	
19	PRN	IP C	22 13 34.2				125	354	-.4	
		ES	22 13 50.1						.6	
19	LSM	E(P)	22 13 35.3				130	291	-.1	
19	NYM	E(P)	22 13 37.4				143	315	-.1	
19	NYC	E(P)	22 13 37.9				144	310	.3	
.....										
19	22	46	38.92	35.63 N	116.05 W	DEPTH =	0.0 KM			FIXED DEPTH SOLUTION
SHOSHONE										
19	NEL	EP	22 46 56.6				109	85	.0	
		E(S)	22 47 12.5						3.0	
19	MCV	E(P)	22 46 56.7				112	2	-.3	
19	LSM	E(P)	22 46 58.9				125	351	-.2	
19	NYS	E(P)	22 47 4.7				156	356	.5	
19	NYM	E(P)	22 47 7.8				178	360	.1	
.....										
20	LEE	E(P)	03 29 51.8							
		ES	03 29 58.4							
20	PRN	E(P)	03 30 11.4							
20	NYM	E(P)	03 30 21.0							
20	CPX	EP	03 30 24.2							
.....										
20	7	22	48.51	38.02 N	117.83 W	DEPTH =	0.0 KM			FIXED DEPTH SOLUTION
PILOT PEAK										
20	TPH	EP C	07 22 55.6				53	83	-1.4	
		IS	07 23 11.3						8.1	
20	NYC	E(P)	07 23 16.0				176	122	-.9	
20	NYM	E(P)	07 23 17.1				179	119	-.4	
20	NYS	E(P)	07 23 18.9				183	126	.8	
20	DAC	E(P)	07 23 19.1				195	174	-.9	
20	LSM	E(P)	07 23 21.9				197	135	1.4	
20	MCV	E(P)	07 23 24.4				223	133	.5	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	ELY	EP	07 23 32.3				284	63	.7	
21	18 59 48.99		37.10 N 116.03 W			DEPTH = 20.0 KM				FIXED DEPTH SOLUTION
			SILENT CANYON							
21	NYV	IP D	18 59 50.7				4	67	-1.5	
21	NYS	EP	18 59 52.3				14	239	-.6	
21	NYC	EP D	18 59 52.4				13	299	-.3	S MAY BE LONG
		ES	18 59 56.9						1.5	
21	NYM	EP	18 59 52.7				15	352	-.2	
21	CPX	EP	18 59 53.3				19	187	-.0	COLLAPSE OR EQ
21	LSM	E(P)	18 59 57.7				46	209	.7	
21	PRN	EP	19 00 5.2				93	66	.8	
22	8 48 25.86		37.84 N 117.76 W			DEPTH = 10.0 KM				FIXED DEPTH SOLUTION
			SILVER PEAK							
22	TPH	IP C	08 48 34.5				54	61	-.1	
22	NYC	IP C	08 48 51.7				161	118	-.2	
22	NYM	EP	08 48 52.2				165	113	-.4	
22	NYS	EP	08 48 52.7				166	122	-.1	
22	DAC	EP C	08 48 53.6				174	175	-.3	
22	LSM	IP C	08 48 54.6				179	132	.0	
		ES	08 49 24.8						9.2	
22	NYV	EP	08 48 56.1				176	117	2.0	
22	MCV	EP	08 48 58.1				205	130	.2	
22	PRN	EP	08 49 2.1				241	100	-.4	
22	16 22 19.78		36.56 N 115.23 W			DEPTH = 20.0 KM				FIXED DEPTH SOLUTION
			HAYFORD PEAK							
22	CPX	EP	16 22 33.4				84	300	-.3	
22	NYV	IP C	16 22 34.9				91	313	.0	S MAY BE EARLY
		I(S)	16 22 35.5						-10.4	
22	NYC	E(P)	16 22 36.6				106	309	-.5	
22	NYS	EP	16 22 36.7				99	303	.7	
		ES	16 22 39.2						-8.7	
22	NYM	IP	16 22 37.1				105	316	.2	
23	6 14 48.08		36.77 N 115.84 W			DEPTH = 10.8 KM				FREE DEPTH SOLUTION
			MERCURY							
23	MCV	IP C	05 14 51.3				21	224	-.5	
23	CPX	IP C	05 14 52.6				27	313	-.0	
23	LSM	IP C	05 14 54.5				39	265	-.0	
23	NYS	IP	05 14 54.8				42	315	-.1	
23	NYC	IP C	05 14 56.3				51	327	-.2	
23	NYM	EP C	05 14 56.7				55	340	-.3	
23	SMN	IP	05 15 3.8				93	297	.7	
23	PRN	IP C	05 15 5.0				101	42	.5	
23	NEL	E(P)	05 15 12.3				148	142	.2	
23	DAC	E(P)	05 15 14.7				166	251	-.4	P MAY BE EARLY
		ES	05 15 35.7						.9	
23	TPH	E(P)	05 15 17.9				190	320	-.1	
23	LEE	E(P)	05 15 22.4				225	76	-.2	
23	CPX	IP C	11 47 24.4							
23	NYS	EP	11 47 26.9							
23	LSM	E(P)	11 47 27.7							
		ES	11 47 31.5							

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
23	15 58	47.96	37.14 N 116.43 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
SILENT CANYON										
23	NYC	E(P)	15 58 51.9				25	85	.1	
		ES	15 58 54.5						-.1	
23	NYS	E(P)	15 58 52.7				26	116	.6	
23	NYM	E(P)	15 58 53.5				36	72	-.1	
23	CPX	E(P)	15 58 53.9				41	124	-.5	SMALL EMERGENT
.....										
.....										
23	16 0	38.81	37.18 N 116.41 W	DEPTH = 5.0 KM		FIXED DEPTH SOLUTION				
SILENT CANYON										
23	NYC	EP	16 00 42.4				23	96	-.0	VSMALL EMERGENT
		ES	16 00 45.1						.0	
23	NYS	E(P)	16 00 43.1				27	127	.0	
23	NYM	E(P)	16 00 44.0				32	79	.0	
.....										
23	NYC	E(P)	17 34 50.3				VSMALL EMERGENT			
		E(S)	17 34 53.2							
23	NYS	E(P)	17 34 51.2							
23	NYM	E(P)	17 34 51.8							
.....										
23	19 5	20.93	37.16 N 116.42 W	DEPTH = 5.0 KM		FIXED DEPTH SOLUTION				
SILENT CANYON										
23	NYC	I(P)	19 05 24.6				23	92	-.1	VSMALL EMERGENT
		E(S)	19 05 27.4						-.0	
23	NYS	E(P)	19 05 25.2				27	123	.0	
23	NYM	EP	19 05 26.3				33	77	.0	
.....										
24	DAC	E(P)	01 31 15.4							
		ES	01 31 42.5							
24	LSM	E(P)	01 31 21.5							
24	NEL	E(P)	01 31 28.2							
.....										
24	6 35	6.84	36.74 N 116.08 W	DEPTH = 0.0 KM		FREE DEPTH SOLUTION				
LATHROP WELLS										
24	MCV	IP D	06 35 8.9				14	149	-.1	
		IS	06 35 10.8						.2	
24	LSM	IP C	06 35 9.5				18	269	-.1	
24	CPX	IP D	06 35 9.9				21	6	-.3	
24	NYS	E(P)	06 35 12.4				33	346	.3	
24	NYC	E(P)	06 35 14.5				47	352	.2	
24	NYM	E(P)	06 35 15.4				55	3	-.2	
.....										
.....										
24	7 59	11.89	36.74 N 116.07 W	DEPTH = 11.2 KM		FREE DEPTH SOLUTION				
LATHROP WELLS										
24	MCV	IP D	07 59 14.6				13	152	-.0	
24	LSM	IP C	07 59 15.3				19	270	.0	
		IS	07 59 17.8						.0	
24	CPX	EP	07 59 15.7				22	3	-.0	
.....										

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SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
25	9 10	17.81	37.54 N 118.90 W	DEPTH =	0.0	KM	FIXED DEPTH SOLUTION			
			GLASS MTN.							
25	TPH	EP D	09 10 43.3				159	68	-.2	
25	DAC	E(P)	09 10 47.2				183	140	-.1	
		ES	09 11 9.0						.0	
25	LSM	E(P)	09 10 56.3				249	110	-.2	
25	NYC	E(P)	09 10 56.8				247	99	.6	
.....										
25	11 14	55.61	37.95 N 118.35 W	DEPTH =	15.0	KM	FIXED DEPTH SOLUTION			
			DAVIS MTN.							
25	TPH	IP C	11 15 11.9				100	82	.1	
25	UAC	EP	11 15 26.2				198	160	-.0	
25	NYM	E(P)	11 15 28.4				218	111	-.3	
		IS	11 15 59.1						6.1	
25	LSM	IP C	11 15 30.1				227	126	.1	
25	CPX	E(P)	11 15 30.4				232	118	-.2	
25	MCV	E(P)	11 15 33.8				254	124	.3	
25	PRN	EP	11 15 38.6				295	100	.0	
.....										
26	2 1	56.44	36.85 N 116.06 W	DEPTH =	20.0	KM	FIXED DEPTH SOLUTION			
			LATHROP WELLS							
26	CPX	IP C	02 01 57.7				9	3	-2.2	
		IS	02 01 59.7						-2.7	
26	LSM	E(P)	02 02 1.7				23	237	.4	
26	NYC	E(P)	02 02 2.4				35	346	-.4	
26	NYV	E(P)	02 02 4.0				30	12	1.9	
.....										
26	5 10	34.83	37.06 N 117.39 W	DEPTH =	16.1	KM	FREE DEPTH SOLUTION			
			MT. JACKSON							
26	DAC	E(P)	05 10 49.1				89	192	-.2	
26	NYC	EP	05 10 52.2				110	84	-.6	
26	LSM	EP	05 10 52.3				105	109	.3	
		ES	05 11 6.7						2.0	
26	TPH	EP	05 10 53.6				114	8	.2	
26	CPX	E(P)	05 10 54.2				120	96	-.1	
26	NYJ	EP	05 10 54.9				126	92	-.5	
26	MCV	EP	05 10 57.6				133	110	1.1	
26	PRN	EP	05 11 6.9				211	78	-.0	
.....										
26	TPH	EP	09 48 39.5							
26	LSM	EP	09 48 49.3							
26	NYC	EP	09 48 49.9							
		E(S)	09 49 13.8							
26	NYM	E(P)	09 48 51.7							
26	MCV	E(P)	09 48 56.0							
.....										
26	PRN	EP	11 50 45.2							
		IS	11 50 50.7							
26	NYM	EP	11 50 56.8							
26	NYC	EP	11 50 58.6							
26	LSM	E(P)	11 51 .1							

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
26	12 32	48.10	36.91 N 118.55 W	DEPTH =		0.0 KM	FIXED DEPTH SOLUTION			
GIANT FOREST										
26	LSM	EP	12 33 18.4				204	95	-2.6	
		ES	12 33 45.0						-0	
26	NYC	E(P)	12 33 22.0				215	82	-0.3	
26	NYM	E(P)	12 33 23.7				225	80	.1	
26	CPX	E(P)	12 33 24.9				222	89	1.6	
26	MCV	E(P)	12 33 24.9				230	97	.6	
26	PRN	E(P)	12 33 35.0				315	78	-0.2	
.....										
26	12 55	14.41	37.01 N 116.40 W	DEPTH =		0.0 KM	FIXED DEPTH SOLUTION			
SILENT CANYON										
26	CPX	E(P)	12 55 18.5				32	106	-0.9	
26	NYC	EP C	12 55 18.6				27	53	-0	
		IS	12 55 35.3						13.6	
26	NYM	E(P)	12 55 20.1				39	51	-0.5	
26	NYV	E(P)	12 55 21.8				38	72	1.4	
26	MCV	E(P)	12 55 23.5				55	140	.3	
.....										
26	15 54	51.44	37.10 N 116.14 W	DEPTH =		25.0 KM	FREE DEPTH SOLUTION			
SILENT CANYON										
26	NYC	EP	15 54 55.5				7	346	.0	ON THE NTS
		IS	15 54 56.4						-2.1	
26	NYV	E(P)	15 54 55.9				13	81	.0	
26	NYM	IP C	15 54 56.2				17	26	.0	
.....										
26	17 15	59.11	36.90 N 116.41 W	DEPTH =		15.0 KM	FIXED DEPTH SOLUTION			
LATHROP WELLS										
26	LSM	E(P)	17 16 .7				21	147	-2.5	
26	NYC	E(P)	17 16 4.8				36	38	-0.5	
26	MCV	E(P)	17 16 7.3				47	129	.3	
26	DAC	IP C	17 16 41.9				127	237	22.2	
		IS	17 16 49.9						15.1	
.....										
26	21 50	15.94	36.89 N 116.02 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
LATHROP WELLS										
26	CPX	IP C	21 50 16.8				6	325	.0	
26	NYV	E(P)	21 50 19.4				25	6	-0.5	
26	LSM	EP	21 50 20.2				29	234	-0.3	
26	MCV	E(P)	21 50 20.8				28	177	.3	
26	NYC	EP	21 50 21.4				32	338	.4	
26	NYM	EP	21 50 21.6				38	355	-0.4	
		IS	21 50 27.2						.7	
.....										
26	21 54	38.78	36.89 N 116.03 W	DEPTH =		4.5 KM	FREE DEPTH SOLUTION			
LATHROP WELLS										
26	CPX	IP C	21 54 39.7				5	331	-0.0	
26	NYV	E(P)	21 54 42.4				25	8	-0.3	
26	LSM	IP C	21 54 43.1				28	232	-0.2	
26	MCV	E(P)	21 54 43.7				29	175	.3	
26	NYC	EP	21 54 44.1				31	339	.3	
26	NYM	EP	21 54 44.4				38	357	-0.4	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
	ES		21 54 49.9						.7	
27	5 30	53.72	39.08 N	117.88 W	DEPTH =	5.0 KM				FIXED DEPTH SOLUTION EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
27	TPH	EP C	05 31 13.0				126	153	-1.0	
		IS	05 31 29.0						.2	
27	TSV	E(P)	05 31 22.7				177	123	.3	
27	NYM	EP	05 31 31.5				260	141	-1.8	
27	NYC	EP C	05 31 34.5				262	144	1.1	
27	PRN	EP C	05 31 38.5				306	125	-6	
27	CPX	E(P)	05 31 38.6				287	145	1.8	
27	NYC	EP	05 21 52.0							COLLAPSE MAYBE
		I(S)	05 21 55.6							
27	NYM	E(P)	05 21 54.0							
27	CPX	EP	06 21 57.3							
27	17 37	22.95	37.37 N	115.49 W	DEPTH =	0.0 KM				FREE DEPTH SOLUTION
			ALAMO							
27	PRN	EP	17 37 29.1				38	78	.1	
		ES	17 37 33.2						-.2	
27	NYM	EP	17 37 31.1				52	253	-.2	
27	NYV	E(P)	17 37 31.5				53	237	.1	
27	NYC	IP C	17 37 33.1				64	248	-.1	
27	MCV	E(P)	17 37 38.0				94	209	-.1	
27	LSM	E(P)	17 37 39.3				99	225	.3	
27	TSV	E(P)	17 37 40.8				110	327	.1	
27	20 41	17.20	36.88 N	116.00 W	DEPTH =	0.0 KM				FREE DEPTH SOLUTION
			LATHROP WELLS							
27	CPX	IP C	20 41 18.0				7	319	-.3	
27	LSM	EP	20 41 21.4				29	237	-.5	
		ES	20 41 25.1						-.2	
27	MCV	E(P)	20 41 22.2				28	180	.6	
27	PRN	IP	20 41 33.7				104	53	-.2	
27	NEL	E(P)	20 41 44.0				167	141	-.2	
27	TPH	EP	20 41 45.4				171	321	.6	
27	22 5	4.45	38.26 N	115.63 W	DEPTH =	30.4 KM				FREE DEPTH SOLUTION
			TROY CANYON							
27	TSV	EP D	22 05 13.4				48	262	-.0	
		ES	22 05 34.7						14.7	
27	PRN	E(P)	22 05 21.3				104	151	-.0	
27	TPH	EP	22 05 26.2				141	262	-.0	
27	LSM	E(P)	22 05 31.2				179	199	-.0	
27	22 53	58.88	36.94 N	118.99 W	DEPTH =	15.0 KM				FIXED DEPTH SOLUTION
			GIANT FOREST							
27	CPX	IP C	22 54 33.5				261	89	-4.1	
		ES	22 54 35.5						-30.4	
27	NYV	E(P)	22 54 36.5				267	85	-1.9	
27	LSM	E(P)	22 54 37.3				242	94	2.1	
27	MCV	E(P)	22 54 38.0				269	96	-.6	
27	NYC	E(P)	22 54 38.1				253	84	1.6	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	NYM	E(P)	22 54 38.3				263	82	.5	
27	TSV	I(P)	22 54 40.5				285	60	-.1	
.....										
28	1 36	20.20	36.94 N 116.06 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION			
LATHROP WELLS										
28	CPX	IP C	01 36 20.8				1	145	-2.5	
		IS	01 36 23.1						-2.5	
28	NYV	E(P)	01 36 24.5				21	17	-.2	
28	NYC	EP	01 36 25.4				25	341	.0	
28	NYM	E(P)	01 36 25.7				33	1	-.6	
28	LSM	E(P)	01 36 25.9				29	222	.0	
.....										
28	10 2	36.56	36.87 N 115.96 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
MERCURY										
28	CPX	IP C	10 02 38.5				11	306	-.4	
		IS	10 02 40.7						.2	
28	LSM	E(P)	10 02 42.1				32	243	.1	
28	NYM	EP	10 02 43.4				41	348	.2	
.....										
28	LSM	E(P)	10 48 42.7							
28	CPX	IP C	10 48 42.8							
		IS	10 48 44.4							
28	NYC	E(P)	10 48 47.5							
.....										
29	4 33	39.75	36.76 N 116.14 W	DEPTH = 4.2 KM			FREE DEPTH SOLUTION			
LATHROP WELLS										
29	LSM	EP	04 33 41.8				13	258	.0	S MAY BE EARLY
		I(S)	04 33 43.3						.0	
29	MCV	EP	04 33 42.8				19	139	.0	
29	CPX	EP	04 33 43.0				20	22	-.0	
.....										
29	7 43	45.59	36.85 N 117.49 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
TIN MTN										
29	DAC	EP D	07 43 55.9				64	189	.0	
		IS	07 45 4.7						61.3	
29	CPX	EP	07 44 2.8				128	85	-3.5	
29	LSM	EP	07 44 3.8				109	96	.7	
29	NYC	IP	07 44 5.5				123	73	-.0	
29	NYM	E(P)	07 44 8.1				135	71	.8	
29	TSV	IP C	07 44 16.1				190	37	-.1	
.....										
29	12 29	53.61	37.36 N 115.25 W	DEPTH = 13.8 KM			FREE DEPTH SOLUTION			
ALAMO										
29	PRN	IP D	12 29 56.3				19	59	-.9	
29	NYM	IP C	12 30 5.4				73	259	-.1	
29	NYV	IP C	12 30 5.5				71	248	.2	
29	NYC	EP C	12 30 7.2				84	255	-.0	
29	CPX	EP C	12 30 7.6				86	237	-.0	
29	MCV	EP	12 30 10.3				105	220	-.4	
29	LSM	EP C	12 30 12.2				115	234	-.1	
29	TSV	I(P)	12 30 14.4				125	319	.6	
29	LVW	E(P)	12 30 16.5				132	178	1.4	
29	LEE	EP D	12 30 20.5				166	94	.3	
29	NEL	EP	12 30 22.8				187	169	-.1	

SEISMOLOGICAL BULLETIN

SEP 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
.		ES	12 30 48.2						3.8	.	
.	29	TPH	IP C 12 30 24.0				191	295	.6	.	
.	29	DAC	E(P) 12 30 26.8				241	241	-3.1	.	
.....											
.	30	20 20 4.64	35.89 N 117.37 W	DEPTH = 15.0 KM				FIXED DEPTH SOLUTION		.	
.			SEARLES LAKE								.
.	30	DAC	EP 20 20 12.8				48	335	.1	.	
.			IS 20 20 18.4						-.2	.	
.	30	LSM	IP D 20 20 27.0				136	46	.2	.	
.	30	MCV	E(P) 20 20 28.7				148	56	-.1	.	
.	30	CPX	E(P) 20 20 30.4				165	45	-.7	.	
.	30	NYC	EP 20 20 33.2				178	37	.5	.	
.....											

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....FIXED DEPTH SOLUTION.....										
01	5 28	8.83	37.19 N 116.28 W	DEPTH = 5.0 KM						SILENT CANYON
01	NYC	EP C	05 28 10.6				11	112	-.1	I(P) 0528110
		ES	05 28 12.1						.0	
01	NYM	IP C	05 28 12.1				20	78	.0	S AT 0528125
01	CPX	E(P)	05 28 14.5				35	146	.0	
.....FIXED DEPTH SOLUTION.....										
01	6 47	2.95	37.27 N 118.29 W	DEPTH = 5.0 KM						BLANCO MTN.
01	DAC	E(P)	06 47 23.4				127	151	-.1	
01	TPH	EP D	06 47 23.7				129	46	-.1	
01	NYC	EP	06 47 33.2				190	93	-.3	
		ES	06 47 58.7						2.9	
01	LSM	IP D	06 47 33.6				188	108	.3	
01	TSV	EP	06 47 36.6				213	60	.2	
.....FIXED DEPTH SOLUTION.....										
01	11 47	15.16	36.56 N 117.55 W	DEPTH = 15.0 KM						DRY MTN
01	DAC	E(P)	11 47 20.2				32	188	-.6	
		IS	11 47 25.8						.9	
01	LSM	IP D	11 47 34.3				115	80	.4	
01	MCV	E(P)	11 47 36.1				138	86	-1.6	
01	CPX	E(P)	11 47 38.7				139	72	.9	
.....FRBE DEPTH SOLUTION.....										
01	12 48	31.32	35.93 N 117.34 W	DEPTH = 14.7 KM						SEARLES LAKE
01	DAC	E(P)	12 48 38.9				45	329	.0	
		IS	12 48 44.3						-.1	
01	LSM	IP D	12 48 52.8				131	46	.2	
01	MCV	E(P)	12 48 54.5				143	57	-.1	
01	CPX	E(P)	12 48 57.1				160	46	-.0	
01	NYC	E(P)	12 48 59.1				173	38	.4	
01	NYM	E(P)	12 48 59.9				185	38	-.4	
.....										
01	LEE	EP C	14 01 17.2							
		IS	14 01 40.9							
01	ELY	E(P)	14 01 22.5							
01	TSV	E(P)	14 01 36.8							
01	NYM	E(P)	14 01 38.2							
01	NYC	E(P)	14 01 39.5							
.....FIXED DEPTH SOLUTION.....										
03	13 22	36.49	37.19 N 116.29 W	DEPTH = 5.0 KM						SILENT CANYON
03	NYC	EP	13 22 38.4				13	109	-.1	S MAY BE 40.7
		IS	13 22 40.1						.0	
03	NYM	E(P)	13 22 40.0				21	79	.1	
03	CPX	E(P)	13 22 42.3				36	144	.1	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG.	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	18 15	52.78	37.52 N 116.50 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
QUARZITE MTN.										
03	NYM	IP C	18 16 2.7				51	129	1.6	
03	CPX	I(P)	18 16 3.2				77	149	-2.0	
03	NYC	IP	18 16 3.9				51	143	2.8	
03	PRN	IP D	18 16 4.1				127	94	-9.2	
03	MCV	E(P)	18 16 5.3				108	156	-5.1	
03	LSM	EP	18 16 8.1				89	167	.8	
		IS	18 16 17.5						-.4	
.....										
03	21 12	13.22	38.28 N 116.40 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
WARM SPRINGS										
03	TPH	EP	21 12 25.7				76	252	.1	
03	NYM	IP	21 12 32.8				121	165	-.1	
03	NYC	IP	21 12 34.1				127	170	.2	
03	PRN	EP	21 12 37.4				150	128	-.1	
03	ELY	IP	21 12 38.6				161	54	-.5	
		ES	21 12 58.7						.7	
.....										
04	21 12	13.64	38.26 N 116.46 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
WARM SPRINGS										
04	NYC	EP C	10 31 26.2				126	168	1132.4	
04	PRN	EP C	10 31 29.6				152	126	1132.2	
		ES	10 31 49.3						1134.5	
04	CPX	EP	10 31 29.7				152	166	1132.3	
04	ELY	IP D	10 31 30.9				167	54	1131.7	
.....										
05	22 20	52.50	39.98 N 115.10 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
GOODSPRINGS										
05	NEL	IP C	22 20 58.6				38	142	.0	
05	MCV	EP	22 21 9.0				109	312	-1.1	
05	CPX	EP	22 21 15.5				136	321	.9	
		IS	22 21 35.2						4.5	
05	PRN	EP C	22 21 18.6				163	1	-.3	
05	NYC	EP	22 21 18.9				161	324	.3	
.....										
05	0 22	50.54	37.27 N 115.33 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
ALAMO										
06	PRN	EP	00 22 56.4				31	50	-.4	
		ES	00 23 2.0						.6	
06	NYM	E(P)	00 23 1.2				64	267	-.4	
06	CPX	E(P)	00 23 3.2				74	240	.0	
06	NYC	E(P)	00 23 3.5				74	261	.4	
.....										
06	4 2	10.44	37.50 N 114.23 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
TULE DESERT										
06	PRN	EP C	04 02 22.9				75	266	.5	
06	LEE	IP C	04 02 23.7				80	110	.3	
06	NYM	E(P)	04 02 36.5				164	260	-.5	
06	CPX	E(P)	04 02 37.7				174	250	-.9	
		E(S)	04 03 .2						1.0	
06	NYC	EP C	04 02 38.8				175	258	.1	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	MCV	E(P)	04 02 40.6				184	239	.3	
06	NEL	EP	04 02 42.8				206	196	-.3	
.....										
06	8 28	42.62	37.64 N	112.54 W	DEPTH =	25.0 KM	FIXED DEPTH SOLUTION			
							EARTHQUAKE NOT IN THE			
							SOUTHERN NEVADA REGION			
06	LEE	EP D	08 28 57.3				86	240	.3	
		I(S)	08 29 7.5						-.0	
06	PRN	IP C	08 29 16.5				224	265	1.0	
06	ELY	EP	08 29 20.7				264	310	.1	
06	NYM	EP	08 29 26.5				313	263	-.5	
06	CPX	E(P)	08 29 27.7				321	257	-.3	
06	NYC	EP	08 29 27.9				324	262	-.4	
.....										
06	11 8	12.96	35.46 N	117.63 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
							BORON			
06	DAC	IP C	11 08 27.6				91	2	.0	
		ES	11 08 44.7						6.4	
06	MCV	E(P)	11 08 44.6				196	48	.2	
06	CPX	E(P)	11 08 46.7				216	41	-.2	
06	NYC	EP	11 08 48.5				230	35	-.2	
06	NYM	E(P)	11 08 50.5				243	35	.2	
06	NEL	E(P)	11 08 51.8				254	83	-.0	
.....										
06	12 11	8.60	37.82 N	112.76 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
							EARTHQUAKE NOT IN THE			
							SOUTHERN NEVADA REGION			
06	LEE	EP D	12 11 22.2				84	221	.1	
		IS	12 11 32.7						.7	
06	PRN	IP C	12 11 41.6				207	259	.2	
06	ELY	IP C	12 11 45.8				237	309	.7	
06	NYM	E(P)	12 11 51.0				298	258	-2.0	
.....										
06	21 32	48.09	37.60 N	113.40 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
							CEDAR CITY			
06	LEE	EP	21 32 54.6				39	177	-.0	
		ES	21 33 10.0						10.6	
06	PRN	EP C	21 33 12.1				148	264	.0	
06	ELY	E(P)	21 33 21.3				215	323	.0	
.....										
06	22 51	59.89	35.84 N	114.76 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION			
							BOULDER CITY			
06	NEL	EP	22 52 3.4				16	210	.0	
		E(S)	22 52 34.6						28.7	
06	DAC	EP	22 52 18.0				260	282	-20.4	
06	MCV	EP	22 52 23.7				143	309	.6	
06	PRN	E(P)	22 52 27.6				181	351	-.7	
06	LEE	EP D	22 52 31.0				199	38	.3	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
. 06	23 17	9.58	39.00 N 115.40 W	DEPTH =	20.0	KM				FIXED DEPTH SOLUTION
			CURRENT MTN							
. 06	ELY	EP	23 17 17.5				46	71	-.0	
. 06	PRN	EP	23 17 37.0				176	170	-.2	
		ES	23 17 56.6						-.1	
. 06	NYM	EP	23 17 40.5				205	197	-.1	
. 06	NYC	EP	23 17 41.9				216	198	-.0	
.....										
. 07	1 22	3.39	37.82 N 117.04 W	DEPTH =	25.0	KM				FIXED DEPTH SOLUTION
			GOLDFIELD							
. 07	NYC	EP	01 22 21.1				107	133	.1	
. 07	NYM	E(P)	01 22 21.3				109	127	.1	
		ES	01 22 53.5						19.3	
. 07	LSM	E(P)	01 22 25.2				138	151	-.1	
. 07	PRN	I(P)	01 22 30.3				179	103	-.2	
. 07	ELY	EP	01 22 38.0				237	51	.1	
.....										
. 07	3 53	33.09	37.33 N 117.71 W	DEPTH =	10.0	KM				FIXED DEPTH SOLUTION
			MAGRUDER MTN.							
. 07	DAC	E(P)	03 53 52.3				117	175	.2	
. 07	NYC	E(P)	03 53 55.4				139	97	-.2	
		ES	03 54 12.6						.4	
. 07	LSM	IP C	03 53 55.6				143	117	-.7	
. 07	NYM	E(P)	03 53 57.2				147	94	.2	
. 07	MCV	E(P)	03 54 1.0				171	116	.3	
.....										
. 07	14 17	7.42	36.40 N 117.52 W	DEPTH =	0.0	KM				FIXED DEPTH SOLUTION
			DARWIN							
. 07	DAC	IP D	14 17 9.4				15	205	-.3	
. 07	LSM	EP	14 17 25.7				117	71	-.7	FROM TAPE PLAYB
		IS	14 17 40.0						-.3	
. 07	TPH	E(P)	14 17 38.0				188	8	.2	
. 07	NEL	EP	14 17 47.7				253	107	1.1	
.....										
. 07	21 16	45.09	30.26 N 116.36 W	DEPTH =	0.0	KM				FIXED DEPTH SOLUTION
			WARM SPRINGS							
. 07	TPH	EP C	21 16 58.4				78	255	-.0	
. 07	NYM	EP	21 17 4.6				117	167	-.2	
. 07	NYC	EP	21 17 5.9				124	172	.0	
. 07	CPX	IP C	21 17 10.1				150	170	-.0	
. 07	PRN	IP C	21 17 10.1				145	128	.7	
. 07	ELY	EP	21 17 11.3				161	52	-.5	
. 07	LSM	EP	21 17 12.6				169	178	-.6	
		ES	21 17 34.1						.8	
. 07	MCV	EP	21 17 14.4				183	170	-1.2	
. 07	DAC	I(P)	21 17 26.1				246	207	2.0	
. 07	NEL	EP	21 17 30.7				313	154	-2.1	
. 07	LEE	EP	21 17 31.1				286	112	1.8	
.....										

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
08	1 21	31.22	38.33 N 116.47 W	DEPTH = 5.0 KM						FIXED DEPTH SOLUTION
			WARM SPRINGS							
08	NYM	EP	01 21 51.6				127	163	-.2	
		IS	01 22 6.6						-.3	
08	NYC	EP	01 21 52.9				133	168	.1	
08	PRN	I(P)	01 21 56.9				158	128	.2	
08	CPX	E(P)	01 21 57.3				160	167	.2	
08	ELY	EP	01 21 57.5				163	56	-.1	
08	LSM	E(P)	01 21 59.9				178	175	-.1	
08	2 48	26.48	38.00 N 115.58 W	DEPTH = 5.0 KM						FREE DEPTH SOLUTION
			WORTHINGTON PEAK							
08	PRN	EP C	02 48 38.8				77	144	-.0	
		ES	02 48 43.3						-4.5	
08	NYM	EP	02 48 41.8				95	206	-.0	
08	ELY	E(P)	02 48 49.0				140	25	.0	
08	4 47	31.34	36.67 N 116.22 W	DEPTH = 1.1 KM						FREE DEPTH SOLUTION
			LATHROP WELLS							
08	LSM	IP	04 47 32.6				9	324	-.1	
08	MCV	IP D	04 47 34.3				20	103	-.2	
		IS	04 47 37.0						.2	
08	CPX	IP D	04 47 36.1				32	27	-.4	
08	NYC	E(P)	04 47 40.5				54	6	.5	
08	NYM	E(P)	04 47 41.4				64	13	-.2	
08	DAC	IP C	05 11 58.1							
		ES	05 12 9.8							
08	LSM	EP	05 12 16.2							
08	NYM	E(P)	05 12 22.3							
08	NYC	E(P)	05 12 24.7							
08	9 55	18.94	37.13 N 117.01 W	DEPTH = 12.4 KM						FREE DEPTH SOLUTION
			MT. JACKSON							
08	NYC	IP	09 55 31.3				76	88	-.0	
		ES	09 55 40.1						-.3	
08	LSM	EP D	09 55 31.7				79	124	-.1	
08	NYM	EP	09 55 33.0				86	82	.1	
08	CPX	E(P)	09 55 33.2				88	104	-.0	
08	MCV	IP C	09 55 36.4				106	121	.2	
08	DAC	E(P)	09 55 36.5				109	209	-.1	
08	PRN	EP	09 55 46.9				176	78	-.0	
08	11 47	5.84	33.46 N 117.73 W	DEPTH = 10.0 KM						FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
08	DAC	EP D	11 47 51.8				314	2	-.0	
08	NEL	EP	11 47 58.4				365	46	.0	
08	LSM	E(P)	11 48 1.0				388	20	-.4	
		ES	11 48 42.1						.0	
08	MCV	E(P)	11 48 1.0				387	24	-.2	
08	NYC	E(P)	11 48 7.5				436	19	.1	
08	NYM	E(P)	11 48 9.3				447	20	.5	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	17 25	48.86	38.15 N 115.95 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION			
TROY CANYON										
08	NYM	EP	17 26 5.3				102	185	-.4	
		IS	17 26 20.1						2.1	
08	NYC	E(P)	17 26 6.5				112	189	-.7	
08	TPH	E(P)	17 26 8.0				112	266	.9	
08	PRN	E(P)	17 26 9.4				111	135	2.4	
08	ELY	E(P)	17 26 11.2				143	40	-.6	
08	LSM	E(P)	17 26 13.5				159	191	-.5	
.....										
08	19 25	34.35	35.83 N 115.88 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
CLARK MTN										
08	MCV	E(P)	19 25 49.8				90	353	.4	
08	NEL	E(P)	19 25 50.2				95	98	.0	
		ES	19 26 6.5						4.8	
08	LSM	E(P)	19 25 52.3				107	341	.4	
08	CPX	E(P)	19 25 53.3				123	353	-.9	
08	DAC	E(P)	19 25 59.3				162	288	-.0	
.....										
09	9 37	53.56	37.33 N 117.78 W	DEPTH = 7.1 KM			FREE DEPTH SOLUTION			
MAGRUDER MTN.										
09	DAC	E(P)	09 38 12.8				119	172	.0	
09	NYC	EP C	09 38 17.0				140	97	-.1	
09	LSM	EP C	09 38 17.6				149	116	-.1	
		ES	09 38 35.5						.1	
09	NYM	EP	09 38 18.6				154	94	.2	
09	CPX	EP	09 38 19.4				160	106	-.0	
09	MCV	EP	09 38 22.2				177	116	.0	
09	PRN	EP	09 38 30.4				241	86	-.0	
.....										
10	3 59	56.61	37.33 N 117.78 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
10	DAC	IP C	04 00 15.9				118	172	.1	
10	NYC	EP	04 00 19.9				145	97	-.3	
		ES	04 00 37.8						.3	
10	LSM	EP	04 00 20.5				149	115	-.3	
10	NYM	E(P)	04 00 21.8				153	93	.3	
10	CPX	IP C	04 00 22.3				159	105	.0	
.....										
10	7 5	13.11	37.25 N 117.68 W	DEPTH = 0.0 KM			FREE DEPTH SOLUTION			
MAGRUDER MTN.										
10	DAC	E(P)	07 05 30.4				108	176	-.1	
10	NYC	IP C	07 05 34.7				135	94	-.3	
10	LSM	I(P)	07 05 35.4				137	114	.2	
10	NYM	EP	07 05 36.4				144	90	.0	
10	CPX	EP	07 05 37.1				148	103	.0	
		ES	07 05 54.4						-.2	
10	MCV	IP C	07 05 39.9				164	114	.2	
.....										

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OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
10	8	5	55.51	37.31 N	117.76 W	DEPTH = 5.0 KM	FIXED DEPTH SOLUTION			
MAGRUDE MTN.										
10	DAC	E(P)	08 06 14.2				116	173	-.0	
10	NYC	IP	08 06 18.5				143	96	-.2	
10	LSM	E(P)	08 06 19.2				146	115	.0	
		IS	08 06 36.5						-.0	
10	NYM	EP	08 06 20.1				152	93	.1	
10	CPX	EP	08 06 21.0				157	105	.1	
10	MCV	EP	08 06 23.6				174	115	-.0	
.....										
10	DAC	E(P)	10 47 38.7							
10	NYC	IP C	10 47 43.0							
10	LSM	EP	10 47 43.5							
10	NYM	EP	10 47 44.7							
10	PRN	EP	10 47 48.2							
		E(S)	10 48 8.3							
10	LVW	EP	10 47 56.5							
.....										
10	11	40	41.99	37.29 N	117.72 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
MAGRUDE MTN.										
10	DAC	E(P)	11 41 .4				113	174	.1	
10	NYC	IP	11 41 4.2				140	96	-.4	
10	LSM	EP	11 41 4.9				142	115	-.2	
		ES	11 41 22.1						.1	
10	NYM	EP	11 41 6.6				148	92	.6	
10	MCV	IP C	11 41 9.4				170	115	-.1	
.....										
10	11	55	52.68	37.36 N	117.58 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
MAGRUDE MTN.										
10	NYC	EP	11 56 12.5				128	100	-.6	
10	LSM	EP	11 56 13.2				135	121	-.9	
		E(S)	11 56 30.1						.3	
10	NYM	E(P)	11 56 14.3				136	96	.1	
10	CPX	E(P)	11 56 16.6				143	109	1.3	
10	MCV	E(P)	11 56 17.9				162	120	.2	
.....										
10	12	2	.36	37.04 N	116.85 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION			
THIRSTY CANYON										
10	LSM	E(P)	12 02 9.8				61	123	-.4	
		ES	12 02 23.0						5.6	
10	NYC	E(P)	12 02 10.3				63	78	-.2	
10	CPX	E(P)	12 02 11.9				72	100	-.0	
10	NYM	E(P)	12 02 12.4				74	73	.2	
10	MCV	E(P)	12 02 15.1				89	121	.5	
.....										
10	12	47	21.63	37.12 N	115.54 W	DEPTH = 19.6 KM	FREE DEPTH SOLUTION			
GROOM LAKE										
10	NYM	E(P)	12 47 29.8				47	285	.1	
10	CPX	E(P)	12 47 30.3				50	245	.0	
10	NYC	EP	12 47 30.8				54	274	-.1	
10	PRN	IP C	12 47 31.0				55	50	.0	
		IS	12 47 37.8						-.0	
.....										

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OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
11	1 47	20.16	37.13 N 116.04 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			SILENT CANYON							
11	NYC	EP C	01 47 23.5				11	285	-.9	S IS DUBIOUS
		ES	01 47 29.1						1.5	
11	NYV	EP	01 47 24.2				4	115	.0	
11	NYS	E(P)	01 47 24.3				16	228	-.6	
11	NYM	IP C	01 47 24.6				11	352	.1	
11	CPX	E(P)	01 47 25.9				22	185	.4	POSSIBLE OCLLAP
.....										
11	NYC	IP C	09 25 21.5							
		ES	09 25 22.4							
11	NYM	EP	09 25 23.1							
11	NYS	E(P)	09 25 23.5							
11	NYS	IP	11 01 2.6							
		ES	11 01 4.3							
11	NYC	IP	11 01 3.5							
11	NYM	E(P)	11 01 5.6							
11	LSM	IP	11 01 10.5							
.....										
11	20 50	33.32	38.33 N 116.52 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			BLACK BUTTE							
11	NYM	EP	20 50 53.6				129	161	-.6	
11	NYC	IP	20 50 55.6				135	166	.5	
11	CPX	EP	20 50 59.0				161	165	-.4	
11	PRN	IP C	20 50 59.0				162	127	-.5	
		IS	20 51 18.6						.0	
11	ELY	IP D	20 51 0.0				167	57	-.3	
		ES	20 51 19.8						-.2	
11	LSM	EP	20 51 2.3				179	173	.0	
11	LEE	EP	20 51 22.4				302	113	3.6	
.....										
12	1 39	54.67	37.24 N 114.86 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			DELMAR MTS.							
12	PRN	IP C	01 39 58.4				29	320	-.9	
		IS	01 40 3.0						.3	
12	NYM	EP	01 40 12.2				106	270	.4	
12	CPX	EP	01 40 13.1				112	253	.4	
12	NYC	IP	01 40 13.5				116	266	.2	
12	LSM	EP	01 40 18.4				138	247	-.6	
12	ELY	EP	01 40 28.7				211	359	.4	
.....										
12	NYM	IP C	02 10 42.2							
12	NYC	IP	02 10 44.2							
		ES	02 10 46.1							
12	CPX	EP	02 10 47.2							
.....										
12	0 49	11.23	37.24 N 114.87 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			DELMAR MTS.							
12	PRN	IP C	08 49 14.8				28	322	-.9	
		IS	08 49 19.2						.3	
12	NYM	EP	08 49 28.7				105	270	.6	
12	CPX	EP	08 49 29.6				111	252	.5	
12	LSM	EP	08 49 32.7				137	246	-.7	
12	ELY	EP	08 49 45.0				210	359	.4	
.....										

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
12	13 12	32.19	38.32 N 116.46 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
WARM SPRINGS										
12	NYM	EP	13 12 52.7				126	163	.0	
		IS	13 13 7.5						-.2	
12	PRN	EP	13 12 57.7				157	128	.1	
12	ELY	EP	13 12 58.6				164	56	-.1	
.....										
.....										
12	14 42	7.03	38.18 N 115.96 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION			
TROY CANYON										
12	NYM	EP	14 42 23.2				106	184	-1.2	
		IS	14 42 38.5						1.4	
12	NYC	EP	14 42 24.9				115	189	-1.0	
12	TPH	EP	14 42 26.3				111	264	1.1	
12	PRN	EP	14 42 28.2				114	136	2.5	
12	ELY	EP	14 42 29.4				141	41	-.3	
12	LSM	EP	14 42 31.7				163	190	-.9	
.....										
13	PRN	IP C	08 38 18.2							
		IS	08 38 25.2							
13	NYM	EP	08 38 32.4							
		ES	08 38 47.2							
13	CPX	EP	08 38 32.9							
13	NYC	EP	08 38 33.5							
13	LSM	EP	08 38 36.2							
.....										
13	16 4	32.15	37.17 N 115.34 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
ALAMO										
13	PRN	EP D	16 04 39.1				39	38	-.4	
		E(S)	16 04 45.4						.5	
13	NYC	EP	16 04 43.2				73	269	-1.3	
13	CPX	E(P)	16 04 43.7				69	248	-.3	
13	NYM	EP	16 04 44.2				64	277	1.0	
13	LSM	E(P)	16 04 48.8				96	241	.6	
.....										
13	21 18	15.14	38.28 N 115.99 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
TROY CANYON										
13	TPH	EP	21 18 33.6				111	258	.6	
13	PRN	I(P)	21 18 36.1				123	139	1.0	
13	ELY	IP D	21 18 36.6				134	45	-.2	
13	LSM	EP	21 18 39.2				173	189	-3.9	
		ES	21 18 59.6						-4.0	
.....										
13	21 42	9.84	38.27 N 115.99 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
TROY CANYON										
13	TPH	EP D	21 42 28.3				111	259	.6	
13	PRN	I(P)	21 42 30.7				123	138	1.0	
13	ELY	IP D	21 42 31.4				135	45	-.2	
13	LSM	EP	21 42 34.0				172	189	-3.7	
		ES	21 42 54.7						-3.4	
.....										

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
14	7 35	26.06	38.29 N 116.36 W	DEPTH =	0.0	KM				FIXED DEPTH SOLUTION
			WARM SPRINGS							
14	TPH	E(P)	07 35 38.7				80	252	-.2	
14	NYM	I(P)	07 35 45.9				121	167	.3	
		ES	07 36 .9						.9	
14	NYC	I(P)	07 35 46.2				128	172	-.5	
14	PRN	IP C	07 35 50.2				148	129	.3	
		ES	07 36 10.1						2.7	
14	CPX	EP	07 35 50.4				154	170	-.6	
14	ELY	IP D	07 35 51.5				158	53	.0	
14	LSM	E(P)	07 35 52.9				173	178	-1.2	
14	DAC	E(P)	07 36 6.4				250	207	1.6	
.....										
14	7 49	10.51	38.31 N 116.41 W	DEPTH =	10.1	KM				FREE DEPTH SOLUTION
			WARM SPRINGS							
14	NYM	I(P)	07 49 31.0				124	165	.4	
14	NYC	I(P)	07 49 31.9				130	170	.3	
14	CPX	E(P)	07 49 35.2				156	168	-.7	
14	PRN	EP	07 49 35.2				153	129	-.0	
14	ELY	IP D	07 49 36.5				161	55	.0	
14	LSM	E(P)	07 49 38.7				175	176	-.0	
		IS	07 49 59.4						.0	
.....										
14	13 30	15.10	36.89 N 115.94 W	DEPTH =	5.0	KM				FIXED DEPTH SOLUTION
			MERCURY							
14	CPX	IP C	13 30 16.6				11	295	-.3	
		ES	13 30 18.3						.0	
14	LSM	E(P)	13 30 20.4				34	241	-.2	
		ES	13 30 25.2						.6	
14	NYC	E(P)	13 30 20.5				35	327	-.2	
14	NYM	EP	13 30 21.8				39	346	.4	
.....										
14	15 25	1.77	37.33 N 116.65 W	DEPTH =	0.0	KM				FIXED DEPTH SOLUTION
			THIRSTY CANYON							
14	NYC	IP C	15 25 9.0				48	114	-.4	
		ES	15 25 18.0						2.9	
14	NYM	EP	15 25 10.0				54	102	.4	
14	LSM	E(P)	15 25 13.4				74	153	-.3	
14	CPX	E(P)	15 25 13.8				69	130	.9	
14	PRN	E(P)	15 25 24.8				141	85	.3	
.....										
14	16 11	44.02	37.51 N 114.75 W	DEPTH =	18.2	KM				FREE DEPTH SOLUTION
			HIGHLAND PEAK							
14	PRN	IP C	16 11 49.4				29	255	-.0	
		ES	16 12 .9						7.5	
14	NYM	E(P)	16 12 3.5				119	255	.0	
14	NYC	F(P)	16 12 5.2				130	253	-.1	
14	CPX	E(P)	16 12 5.6				132	241	.0	
14	LSM	E(P)	16 12 9.5				160	238	-.0	
.....										

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
14	16 37 30.57		36.41 N	115.02 W		DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
			LAS VEGAS							
14	CPX	EP	16 37 48.1				110	302	-.2	
14	PRN	I(P)	16 37 49.2				115	358	.0	
14	LSM	EP D	16 37 49.8				119	288	.0	
		ES	16 38 1.7						-2.2	
14	NYM	EP	16 37 51.4				130	315	-.2	
14	NYC	E(P)	16 37 52.2				131	310	.4	
.....										
.....										
14	18 35 54.30		38.10 N	116.00 W		DEPTH = 20.0 KM				FIXED DEPTH SOLUTION
			WARM SPRINGS							
14	NYM	E(P)	18 36 9.8				97	183	-.4	
14	NYC	E(P)	18 36 10.5				106	187	-1.2	
14	TPH	EP D	18 36 12.8				107	269	1.0	
14	PRN	I(P)	18 36 15.4				110	131	3.0	
14	CPX	E(P)	18 36 15.7				130	182	.2	
14	ELY	IP D	18 36 16.0				150	40	-2.2	
		I(S)	18 36 36.0						.2	
14	LSM	E(P)	18 36 18.3				153	189	-.4	
		ES	18 36 39.3						2.7	
.....										
14	LSM	IP C	19 18 18.8							
		IS	19 18 21.4							
14	CPX	E(P)	19 18 18.9							
14	NYM	E(P)	19 18 24.9							
.....										
16	7 33 30.57		37.70 N	115.05 W		DEPTH = 15.8 KM				FREE DEPTH SOLUTION
			HIKO							
16	PRN	IP C	07 33 35.6				29	183	-.1	
		IS	07 33 39.5						-.0	
16	NYM	E(P)	07 33 47.6				103	240	.2	
16	NYC	E(P)	07 33 49.3				115	239	-.0	
16	CPX	EP	07 33 51.0				124	227	.3	
16	LSM	EP	07 33 54.1				153	226	-1.2	
		ES	07 34 14.2						.8	
16	LEE	EP C	07 33 56.0				156	108	.2	
16	ELY	E(P)	07 33 56.2				160	5	.0	
.....										
16	PRN	IP C	08 57 12.1							
		ES	08 57 16.7							
16	NYM	E(P)	08 57 26.3							
16	NYC	E(P)	08 57 28.1							
16	LSM	E(P)	08 57 30.1							
.....										
16	10 36 1.77		37.08 N	120.11 W		DEPTH = 10.0 KM				FIXED DEPTH SOLUTION
			EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION							
16	DAC	EP C	10 36 38.1				242	111	-.4	
		ES	10 37 5.3						-.1	
16	NYC	E(P)	10 36 52.4				351	87	-.1	
16	NYM	E(P)	10 36 53.0				360	86	-.7	
16	LSM	EP	10 36 56.1				343	95	4.6	
.....										
16	NYC	IP D	20 39 28.4							
16	CPX	EP	20 39 29.0							
		ES	20 39 32.5							
16	NYM	EP	20 39 29.1							
16	LSM	E(P)	20 39 34.3							

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SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
16	22	7	51.40	35.24 N	117.46 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
OPAL MTN										
16	DAC	EP C	22 08 10.2				116	354	-.0	
		ES	22 08 29.4						5.4	
16	LSM	EP	22 08 22.2				198	32	-.3	
16	NEL	EP	22 08 28.3				243	77	-.0	
16	NYM	EP D	22 08 30.2				255	29	.4	
.....										
.....										
17	8	39	55.38	38.86 N	116.12 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
MOREY PEAK										
17	TSV	EP	08 40 7.2				73	184	-.0	
		ES	08 40 15.8						-.1	
17	ELY	EP	08 40 13.2				111	74	-.0	
17	PRN	EP	08 40 24.6				183	149	.1	
.....										
17	NYC	IP C	10 27 31.5							
17	NYM	IP	10 27 33.0							
		IS	10 27 35.1							
17	CPX	E(P)	10 27 37.3							
17	LSM	E(P)	10 27 44.6							
.....										
.....										
17	10	27	44.13	37.22 N	114.83 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION			
DELAMAR MTS.										
17	PRN	IP C	10 27 48.2				32	319	-1.0	
17	NYM	EP	10 28 2.3				109	271	.6	
17	CPX	E(P)	10 28 2.9				114	254	.4	
17	LEE	EP C	10 28 4.6				128	89	-.3	
		ES	10 28 20.4						.3	
17	LSM	E(P)	10 28 6.2				140	248	-.6	
17	TSV	I(P)	10 28 9.4				161	313	-.8	
17	ELY	E(P)	10 28 18.5				212	358	.5	
.....										
.....										
17	12	46	42.07	37.21 N	114.63 W	DEPTH = 15.0 KM	FIXED DEPTH SOLUTION			
DELAMAR MTS.										
17	PRN	IP C	12 46 48.5				47	303	-1.4	
		ES	12 46 55.7						.1	
17	NYM	E(P)	12 47 2.8				126	271	.2	
17	CPX	E(P)	12 47 3.2				131	257	-.1	
17	NYC	E(P)	12 47 4.6				136	268	.5	
17	LSM	E(P)	12 47 7.0				156	251	-.3	
17	TSV	E(P)	12 47 10.7				175	309	.9	
.....										
.....										
17	15	27	38.22	37.33 N	114.68 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
DELAMAR MTS.										
17	PRN	IP C	15 27 43.8				37	290	-.4	
		ES	15 27 48.7						.1	
17	NYM	E(P)	15 27 57.8				122	265	-.2	
17	NYC	E(P)	15 28 0.0				132	262	.4	
17	TSV	EP	15 28 5.0				164	307	.3	
.....										

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	19 22	2.28	38.27 N	116.15 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
WARM SPRINGS										
17	NYM	E(P)	19 22 21.0				116	176	-.1	
17	NYC	I(P)	19 22 22.5				124	180	.1	
17	PRN	IP D	19 22 23.6				133	134	-.1	
		IS	19 22 39.6						.1	
17	ELY	EP	19 22 25.8				145	48	.0	
17	23 35	1.00	37.62 N	113.18 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION			
CEDAR CITY										
17	PRN	I(P)	23 35 28.0				168	264	.3	
17	ELY	E(P)	23 35 34.9				225	319	-.1	
		IS	23 36 6.3						6.4	
17	NEL	E(P)	23 35 39.6				259	216	.1	
17	TSV	E(P)	23 35 41.0				271	285	.1	
17	LSM	E(P)	23 35 43.2				292	251	-.4	
		ES	23 36 24.1						9.2	
19	PRN	IP C	00 46 59.9							
		ES	00 47 6.2							
19	NYM	EP	00 47 14.1							
19	CPX	E(P)	00 47 14.9							
19	LSM	E(P)	00 47 17.9							
19	TSV	I(P)	00 47 30.4							
19	5 17	22.45	37.44 N	117.88 W	DEPTH =	10.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
19	DAC	E(P)	05 17 43.8				132	169	-.0	
19	NYC	EP	05 17 47.5				156	101	-.1	
		ES	05 18 10.2						4.1	
19	LSM	EP	05 17 48.8				162	118	.1	
19	NYM	EP	05 17 48.9				163	98	.0	
19	TSV	EP	05 17 50.2				172	60	.0	
19	13 26	49.78	33.29 N	115.30 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
19	NEL	E(P)	13 27 34.7				301	26	.0	
19	DAC	E(P)	13 27 41.3				353	341	-.0	
19	LSM	E(P)	13 27 45.4				384	0	.1	
19	PRN	EP	13 27 56.9				476	13	-.1	
		ES	13 28 13.1						-33.2	
19	16 42	58.46	37.26 N	114.84 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
19	PRN	IP C	16 43 2.2				28	315	-.7	
		ES	16 43 8.2						2.1	
19	NYM	EP	16 43 16.1				107	269	.3	
19	NYC	E(P)	16 43 18.1				117	265	.8	
		ES	16 43 32.0						.8	
19	LSM	E(P)	16 43 20.0				140	246	-1.2	
19	TSV	I(P)	16 43 23.3				157	312	-.6	
19	ELY	EP	16 43 32.6				208	359	.8	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
19	19 18	12.43	39.03 N	118.67 W	DEPTH =	5.0 KM				FIXED DEPTH SOLUTION EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION
19	TSV	EP	19 18 48.9				236	112	.0	
		ES	19 19 12.3						-3.3	
19	NYM	EP	19 18 57.7				305	130	.0	
19	ELY	IP	19 19 .5				327	87	.0	
20	18 38	6.62	36.37 N	114.85 W	DEPTH =	0.0 KM				FREE DEPTH SOLUTION
			HOOVER DAM							
20	NEL	IP C	18 38 18.4				73	179	.0	
		ES	18 38 34.1						7.1	
20	PRN	E(P)	18 38 26.0				121	351	-.2	
		IS	18 38 43.1						2.6	
20	CPX	E(P)	18 38 26.5				125	301	-.2	
20	LSM	E(P)	18 38 28.0				134	288	-.3	
20	NYM	EP	18 38 30.2				144	312	.3	
20	NYC	EP	18 38 30.5				146	307	.4	
20	23 12	32.45	38.13 N	113.52 W	DEPTH =	0.0 KM				FIXED DEPTH SOLUTION
			INDIAN PEAK							
20	PRN	IP C	23 12 57.5				156	241	-.2	
		ES	23 13 3.0						-13.2	
20	CLY	EP	23 12 58.7				163	313	-.1	
20	NYM	E(P)	23 13 11.6				245	247	1.1	
20	LSM	EP	23 13 15.6				289	239	-.6	
21	NYC	IP C	05 00 51.5							
		IS	05 00 52.3							
21	NYM	E(P)	05 00 53.3							
21	CPX	E(P)	05 00 55.6							
21	6 14	36.79	37.47 N	115.65 W	DEPTH =	5.0 KM				FIXED DEPTH SOLUTION
			GROOM LAKE							
21	NYM	I(P)	06 14 44.2				45	234	.3	
21	PRN	EP	06 14 45.1				51	93	.1	
		E(S)	06 14 51.0						-.1	
21	NYC	FP	06 14 45.5				57	232	-.4	
21	CPX	E(P)	06 14 47.5				70	211	-.6	
21	TSV	EP	06 14 51.9				94	330	.0	
21	LSM	E(P)	06 14 53.5				99	215	.7	
21	22 35	11.07	37.38 N	115.53 W	DEPTH =	0.0 KM				FREE DEPTH SOLUTION
			GROOM LAKE							
21	NYM	IP C	22 35 18.6				50	290	-.4	
21	CPX	IP C	22 35 19.0				50	251	-.1	
21	NYC	IP C	22 35 19.8				57	278	-.3	
21	PRN	IP C	22 35 20.1				57	45	-.1	
		IS	22 35 26.7						-.2	
21	LSM	E(P)	22 35 23.9				77	241	.4	
21	TSV	EP	22 35 33.8				137	335	.6	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
22	4 45	47.13	37.09 N	114.88 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION		
DELAMAR MTS.										
22	PRN	EP C	04 45 54.5				43	337	-.2	
		I(S)	04 46 .2						.0	
22	NYC	E(P)	04 46 5.7				114	274	-.1	
22	TSV	E(P)	04 46 13.7				169	318	.2	
.....										
.....										
22	11 49	24.95	37.23 N	114.82 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION		
DELAMAR MTS.										
22	PRN	IP C	11 49 29.3				32	317	-.7	
		I(S)	11 49 34.9						1.2	
22	NYC	EP	11 49 43.2				118	266	-.9	
22	NYM	E(P)	11 49 43.3				109	270	.8	
22	CPX	EP C	11 49 44.1				114	253	.7	
22	LEE	EP	11 49 45.9				128	89	.2	
22	LSM	EP C	11 49 47.4				141	248	-.3	
22	TSV	IP	11 49 50.6				161	312	-.3	
.....										
.....										
22	12 33	30.75	37.29 N	114.61 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION		
DELAMAR MTS.										
22	PRN	IP C	12 33 37.5				44	293	-.5	
		I(S)	12 33 43.4						.2	
22	NYM	E(P)	12 33 51.6				128	268	.1	
22	TSV	EP	12 33 58.7				172	307	.3	
.....										
.....										
22	14 33	26.30	36.98 N	116.02 W	DEPTH = 8.9 KM			FREE DEPTH SOLUTION		
LATHROP WELLS										
22	CPX	IP C	14 33 28.0				6	212	.1	
22	NYC	E(P)	14 33 30.4				23	328	.3	
22	NYM	E(P)	14 33 30.6				28	354	-.3	
22	LSM	EP	14 33 32.4				36	221	.3	
		IS	14 33 35.9						-.5	
.....										
.....										
23	2 13	48.26	36.76 N	116.27 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION		
LATHROP WELLS										
23	LSM	IP D	02 13 48.9				2	193	-.1	
23	CPX	IP D	02 13 52.0				27	45	-.6	
23	NYC	EP	02 13 55.0				45	13	-.5	
		ES	02 14 .5						-.3	
23	PRN	E(P)	02 14 10.2				131	54	.7	
		IS	02 14 34.5						9.5	
23	TSV	EP	02 14 15.1				161	3	.8	
.....										
.....										
23	8 2	9.33	37.20 N	114.84 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION		
DELAMAR MTS.										
23	PRN	IP C	08 02 13.7				33	323	-.9	
		ES	08 02 19.6						1.1	
23	NYC	E(P)	08 02 27.6				117	268	-.6	
23	CPX	E(P)	08 02 28.6				112	255	1.1	
23	LEE	IP	08 02 30.1				130	88	-.2	
		ES	08 02 45.9						.2	
23	LSM	E(P)	08 02 31.6				138	248	-.1	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 23	TSV	I(P)	08 02 34.9				162	314	-.6	
. 23	ELY	I(P)	08 02 44.1				215	359	.6	
.....										
. 23	8 30 48.43		37.69 N 114.87 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
HIGHLAND PEAK										
. 23	PRN	IP C	08 30 54.4				33	212	-.6	
. 23		IS	08 31 .7						.9	
. 23	CPX	E(P)	08 31 9.7				135	232	-.2	
. 23	NYC	EP	08 31 9.7				129	243	.7	
. 23	LEE	EP	08 31 11.3				141	110	.5	
. 23		ES	08 31 26.7						-.4	
. 23	LSM	E(P)	08 31 13.1				164	230	-.6	
.....										
. 23	14 50 58.92		37.31 N 116.93 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION			
THIRSTY CANYON										
. 23	NYC	EP	14 51 9.9				71	104	-.4	
. 23		E(S)	14 51 18.8						.1	
. 23	LSM	E(P)	14 51 13.0				86	137	.1	
. 23	TSV	EP	14 51 18.2				120	34	-.0	
. 23	PRN	E(P)	14 51 26.0				166	84	.3	
.....										
. 23	15 11 27.55		37.38 N 114.79 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
DELAMAR MTS.										
. 23	PRN	IP C	15 11 30.1				25	286	-2.1	
. 23		ES	15 11 37.3						1.7	
. 23	LEE	E(P)	15 11 49.1				126	96	1.0	
. 23		ES	15 12 2.3						-.8	
. 23	TSV	EP	15 11 52.2				152	307	-.1	
.....										
. 23	19 39 58.71		37.28 N 114.93 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
DELAMAR MTS.										
. 23	PRN	IP C	19 40 1.8				22	326	-.3	
. 23	NYV	E(P)	19 40 14.2				96	259	.1	
. 23	NYM	E(P)	19 40 15.1				99	267	.4	
. 23	CPX	EP C	19 40 16.2				107	249	.2	
. 23	NYC	EP	19 40 16.5				109	263	.2	
. 23	LSM	EP	19 40 19.7				134	244	-.7	
. 23		ES	19 40 39.0						2.7	
. 23	TSV	IP C	19 40 22.8				150	313	-.1	
. 23	ELY	IP	19 40 32.0				206	1	.2	
.....										
. 24	5 50 19.60		37.29 N 114.97 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
DELAMAR MTS.										
. 24	PRN	IP C	05 50 22.3				19	332	-.3	
. 24		ES	05 50 28.5						3.8	
. 24	CPX	E(P)	05 50 37.1				105	248	.6	
. 24	LSM	E(P)	05 50 40.3				132	243	-.6	
. 24	TSV	IP	05 50 43.5				147	314	.1	
. 24	ELY	IP	05 50 52.7				205	2	.1	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
24	13 21 47.49		37.22 N 114.81 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
DELAMAR MTS.										
24	PRN	IP C	13 21 52.0				34	317	-.8	
24	NYM	E(P)	13 22 5.8				110	271	.5	
24	CPX	EP	13 22 6.5				115	254	.4	
24	NYC	E(P)	13 22 6.7				120	267	-.1	
24	LEE	EP	13 22 8.5				127	88	.5	
24	LSM	EP	13 22 9.9				141	248	-.4	
		ES	13 22 28.4						1.3	
24	TSV	IP C	13 22 13.1				163	313	-.7	
24	NEL	EP	13 22 13.8				168	181	-.9	
24	ELY	IP	13 22 22.2				213	358	.7	
.....										
26	NYC	E(P)	23 43 11.8							
		E(S)	23 43 30.0							
26	LSM	EP	23 43 12.9							
26	NYM	E(P)	23 43 13.8							
.....										
27	6 53 21.32		36.38 N 116.35 W	DEPTH = 20.0 KM		FIXED DEPTH SOLUTION				
ASH MEADOWS										
27	LSM	EP	06 53 27.9				40	9	-.6	
		ES	06 53 33.6						-.1	
27	CPX	E(P)	06 53 32.3				67	23	-.2	
27	NYC	EP	06 53 36.4				88	11	.6	
27	NYM	E(P)	06 53 37.7				98	16	.3	
27	PRN	E(P)	06 53 47.1				164	44	.0	
.....										
27	8 26 9.13		36.04 N 115.11 W	DEPTH = 15.6 KM		FREE DEPTH SOLUTION				
LAS VEGAS										
27	LVH	EP	08 26 12.7				16	334	-.1	
27	NEL	IP C	08 26 16.5				43	146	-.0	
		ES	08 26 22.0						.1	
27	LSM	IP C	08 26 30.3				131	307	-.1	
27	CPX	EP	08 26 30.6				131	320	.2	
27	PRN	E(P)	08 26 34.3				156	1	-.0	
.....										
27	LSM	E(P)	11 36 12.3							
27	CPX	E(P)	11 36 16.5							
27	NYC	E(P)	11 36 17.3							
27	NYM	E(P)	11 36 20.2							
27	DAC	IP C	11 36 51.1							
		IS	11 36 52.9							
.....										
27	15 33 25.17		37.24 N 114.84 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
DELAMAR MTS.										
27	PRN	IP C	15 33 29.1				30	317	-.8	
27	NYM	E(P)	15 33 42.9				108	270	.3	
27	CPX	EP	15 33 44.2				114	253	.7	
27	LEE	EP	15 33 46.0				129	90	-.1	
		ES	15 34 1.3						-.1	
27	LSM	EP	15 33 47.1				140	247	-.7	
27	ELY	EP	15 33 59.4				210	359	.6	
.....										

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
27	19 49	25.81	34.86 N	116.44 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION			
							EARTHQUAKE NOT IN THE			
							SOUTHERN NEVADA REGION			
27	NEL	EP	19 49 52.8				173	57	-.4	
		ES	19 50 13.7						.4	
27	DAC	IP C	19 49 55.6				189	327	.3	
		ES	19 50 19.5						2.7	
27	LVW	E(P)	19 49 55.8				184	38	1.1	
27	LSM	EP	19 49 57.1				209	4	-.8	
27	CPX	E(P)	19 50 1.5				233	8	.6	
27	PRN	E(P)	19 50 10.1				312	23	-1.0	
.....										
28	TPH	EP C	02 13 17.2							
28	NYC	EP	02 13 33.3							S MAY BE LONG.
		I(S)	02 14 20.1							
28	NYM	E(P)	02 13 34.0							
28	LSM	EP	02 13 36.8							
28	CPX	E(P)	02 13 37.1							
28	PRN	E(P)	02 13 41.0							
.....										
28	19 1	24.98	37.26 N	114.84 W	DEPTH =	17.5 KM	FREE DEPTH SOLUTION			
							DELMAR MTS.			
28	PRN	IP C	19 01 30.0				29	315	-.3	
28	NYM	E(P)	19 01 43.6				107	269	1.1	
28	CPX	E(P)	19 01 43.9				114	252	.3	
28	NYC	E(P)	19 01 44.4				117	265	.3	
28	LVW	EP	19 01 46.3				125	195	.8	
28	LEE	IP C	19 01 46.4				130	90	.2	
28	LSM	EP D	19 01 47.8				140	246	-.0	
		ES	19 02 6.0						1.4	
28	NEL	EP	19 01 51.6				172	180	-.5	
.....										
28	21 17	56.95	37.04 N	115.90 W	DEPTH =	13.5 KM	FREE DEPTH SOLUTION			
							GROOM LAKE			
28	CPX	EP	21 18 .5				18	228	-.0	
		IS	21 18 3.1						-.0	
28	NYM	EP	21 18 1.4				25	328	.0	
28	NYC	E(P)	21 18 1.5				26	299	.0	
.....										
28	21 20	5.53	37.06 N	115.97 W	DEPTH =	11.8 KM	FREE DEPTH SOLUTION			
							GROOM LAKE			
28	CPX	IP D	21 20 8.5				16	209	-.1	
		IS	21 20 11.0						.1	
28	NYC	EP	21 20 9.0				20	303	-.1	
28	NYM	EP	21 20 9.3				21	339	.0	
		ES	21 20 12.1						.1	
28	LSM	E(P)	21 20 13.1				45	218	.1	
.....										
28	23 6	19.90	37.85 N	114.90 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
							HIGHLAND PEAK			
28	PRN	IP C	23 06 26.5				48	198	-1.1	
		I(S)	23 06 33.6						.3	
28	CPX	I(P)	23 06 35.0				145	225	-8.4	
28	NYM	E(P)	23 06 41.0				123	236	1.2	
28	NYC	E(P)	23 06 42.2				136	235	.4	
28	ELY	E(P)	23 06 42.6				142	0	-.2	

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	LEE	E(P)	23 06 44.7				150	116	.4	
.....										
29	1 34	18.41	37.72 N 114.83 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION			
HIGHLAND PEAK										
29	PRN	IP C	01 34 24.8				38	214	-.4	
		I(S)	01 34 30.5						.4	
29	NYC	E(P)	01 34 39.1				133	242	-.9	
29	NYM	E(P)	01 34 39.1				121	244	.9	
29	LEE	EP	01 34 41.3				139	112	.4	
		ES	01 34 57.0						-.4	
.....										
29	7 3	28.18	37.39 N 114.84 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAMAR MTS.										
29	PRN	IP C	07 03 32.1				21	287	-1.2	
		I(S)	07 03 37.7						.6	
29	NYM	I(P)	07 03 46.6				109	261	.6	
29	NYC	E(P)	07 03 48.3				120	258	.8	
29	LEE	E(P)	07 03 49.3				130	97	.3	
29	LSM	E(P)	07 03 50.2				147	241	-1.1	
.....										
29	11 35	7.74	37.24 N 114.86 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
DELAMAR MTS.										
29	PRN	IP C	11 35 12.1				29	320	-.2	
29	CPX	E(P)	11 35 26.3				112	252	.5	
29	LEE	IP C	11 35 28.8				131	90	-.2	
29	LVW	WP D	11 35 28.9				123	194	1.2	
29	LSM	EP D	11 35 30.2				138	247	.1	
		ES	11 35 48.6						2.1	
29	NEL	EP C	11 35 34.2				170	180	-1.1	
29	TPH	E(P)	11 35 42.0				228	294	-1.6	
29	ELY	I(P)	11 35 42.4				210	359	1.0	
.....										
29	13 12	10.66	37.35 N 114.85 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAMAR MTS.										
29	PRN	IP C	13 12 14.7				22	299	-1.2	
		ES	13 12 20.3						.6	
29	NYM	E(P)	13 12 29.3				107	264	1.1	
29	NYC	I(P)	13 12 30.0				117	260	.4	
29	LEE	E(P)	13 12 31.9				131	95	.3	
29	LSM	E(P)	13 12 32.3				144	242	-1.0	
.....										
29	20 27	4.35	37.30 N 114.81 W	DEPTH = 20.0 KM			FIXED DEPTH SOLUTION			
DELAMAR MTS.										
29	PRN	I(P)	20 27 9.3				27	305	-.4	
29	CPX	I(P)	20 27 23.8				118	250	.1	
29	NYS	I(P)	20 27 25.0				124	256	.4	
29	LEE	IP C	20 27 25.7				127	93	.5	
29	LSM	EP D	20 27 27.1				145	245	-.5	
		ES	20 27 45.5						.9	
29	NEL	EP	20 27 31.2				177	181	-.6	
.....										

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
30	2	7	21.10	37.20 N	114.82 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION		
DELAMAR MTS.										
30	PRN	IP C	02 07 25.4				34	321	-1.1	
30	CPX	EP	02 07 39.8				114	255	.3	
30	NYS	EP	02 07 40.9				121	261	.2	
30	LEE	IP	02 07 42.0				128	88	.2	
		I(S)	02 07 57.6						.6	
30	LSM	EP	02 07 43.2				140	249	-.5	
		ES	02 08 1.7						1.5	
30	NEL	EP	02 07 47.1				166	181	-.9	
30	ELY	IP D	02 07 55.7				215	358	.4	
.....										
30	7	8	21.40	37.21 N	114.81 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION		
DELAMAR MTS.										
30	PRN	IP C	07 08 25.6				35	319	-1.3	
30	NYM	I(P)	07 08 39.3				110	272	.1	
30	CPX	EP	07 08 40.3				115	255	.3	
30	NYC	I(P)	07 08 40.8				120	268	.1	
30	NYS	E(P)	07 08 41.4				122	261	.3	
30	LEE	EP	07 08 42.1				127	88	.2	
		ES	07 08 57.7						.7	
30	LSM	E(P)	07 08 43.7				141	249	-.5	
		ES	07 09 2.2						1.4	
30	NEL	E(P)	07 08 47.4				167	181	-1.0	
30	ELY	IP D	07 08 55.9				214	358	.4	
.....										
30	8	13	9.60	37.21 N	114.83 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION		
DELAMAR MTS.										
30	PRN	IP C	08 13 13.6				34	321	-1.3	
30	NYM	E(P)	08 13 27.4				108	272	.3	
30	CPX	E(P)	08 13 28.4				113	255	.5	
30	NYC	E(P)	08 13 29.3				118	268	.7	
30	LEE	E(P)	08 13 30.7				129	88	.2	
		IS	08 13 45.8						.1	
30	LSM	E(P)	08 13 31.5				139	249	-.6	
30	NEL	E(P)	08 13 36.0				166	180	-.5	
30	ELY	IP	08 13 44.1				214	359	.3	
.....										
30	14	3	6.88	37.20 N	114.82 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION		
DELAMAR MTS.										
30	PRN	IP C	14 03 10.9				35	321	-1.4	
30	NYM	I(P)	14 03 25.2				109	272	.7	
30	CPX	E(P)	14 03 25.4				114	255	.2	
30	NYC	EP	14 03 26.1				119	268	.1	
30	LEE	E(P)	14 03 28.3				128	87	.7	
		IS	14 03 43.0						.2	
30	LSM	E(P)	14 03 28.8				140	249	-.7	
		IS	14 03 47.5						1.5	
30	NEL	E(P)	14 03 32.6				166	181	-1.1	
30	ELY	IP C	14 03 41.3				215	358	.2	
.....										
30	CPX	I(P)	21 02 46.6							
30	LSM	IP	21 02 49.8							
		ES	21 03 8.2							
30	ELY	IP D	21 03 2.0							
30	NYM	EP	21 03 45.7							
30	NYC	EP	21 03 47.6							

SEISMOLOGICAL BULLETIN

OCT 1972	STA	PHASE	TIME (GMT)	AMP (NU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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30	LEE	IP D	21 03 49.3							
30	NEL	EP	21 03 54.6							

31	4	2	50.85	37.26 N	114.84 W	DEPTH =	0.0 KM			FIXED DEPTH SOLUTION
				DELAMAR MTS.						

31	PRN	I(P)	04 02 54.7				29	316		-.6
31	LEE	E(P)	04 03 11.8				130	90		-.1
31	LSM	E(P)	04 03 12.7				140	246		-.8
		ES	04 03 31.4							1.3
31	ELY	IP C	04 03 25.1				209	359		.8

31	5	26	50.36	36.32 N	115.93 W	DEPTH =	15.0 KM			FIXED DEPTH SOLUTION
				MERCURY						

31	CPX	IP C	05 26 53.4				17	318		-.5
		ES	05 26 56.7							.2
31	LSM	IP D	05 26 56.2				32	254		.2
31	NYC	E(P)	05 26 57.2				42	332		-.3
31	NYM	E(P)	05 26 58.7				47	347		.5

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	5 19 26.59	37.30 N 114.24 W			DEPTH = 13.4 KM			FREE DEPTH SOLUTION		
TULE DESERT										
01	PRN	E(P)	05 19 38.9				75	283	.0	
		ES	05 19 47.8						-.1	
01	LEE	IP C	05 19 39.0				76	94	-.1	
		ES	05 19 48.4						.2	
01	NYM	E(P)	05 19 53.3				161	268	.7	
01	LSM	E(P)	05 19 56.1				192	252	-.5	
01	ELY	E(P)	05 19 59.0				212	344	-.1	
.....										
01	18 57 27.25	37.20 N 114.82 W			DEPTH = 5.3 KM			POOR SOLUTION		
DELAMAR MTS.										
01	PRN	IP C	18 57 31.9				35	320	-.9	
01	CPX	I(P)	18 57 46.3				114	255	.6	
01	LEE	IP C	18 57 48.2				128	88	.3	
01	LSM	EP D	18 57 49.5				140	249	-.4	
		ES	18 58 7.7						1.2	
01	NEL	EP	18 57 53.5				166	181	-.6	
01	TPH	E(P)	18 58 1.8				233	295	-1.5	
01	ELY	I(P)	18 58 2.2				215	358	1.3	
01	NYM	E(P)	18 57 45.0				110	272	.0	
01	NYS	I(P)	18 57 47.4				122	261	.5	
.....										
01	20 2 13.33	37.23 N 114.83 W			DEPTH = 0.0 KM			FIXED DEPTH SOLUTION		
DELAMAR MTS.										
01	PRN	IP C	20 02 17.5				31	319	-.8	
01	CPX	E(P)	20 02 32.1				113	253	.5	
01	NYS	I(P)	20 02 33.1				120	260	.3	
01	LEE	E(P)	20 02 33.9				129	89	-.3	
		IS	20 02 49.7						.2	
01	LSM	E(P)	20 02 35.4				140	247	-.5	
01	ELY	IP C	20 02 47.9				212	359	.7	
.....										
01	20 10 34.18	37.57 N 114.61 W			DEPTH = 15.0 KM			FIXED DEPTH SOLUTION		
HIGHLAND PEAK										
01	PRN	IP C	20 10 41.5				43	251	.0	
		ES	20 10 46.8						.0	
01	NYM	IP C	20 10 55.8				133	254	-.1	
01	ELY	IP C	20 11 1.9				176	352	.0	
.....										
01	20 15 27.27	37.25 N 114.82 W			DEPTH = 0.0 KM			FIXED DEPTH SOLUTION		
DELAMAR MTS.										
01	PRN	IP C	20 15 31.1				31	313	-1.0	
01	NYM	I(P)	20 15 45.3				110	269	.3	
01	CPX	E(P)	20 15 45.9				116	252	-.1	
01	NYS	E(P)	20 15 47.2				123	259	.1	
01	LEE	EP	20 15 47.4				127	90	-.5	
		IS	20 16 3.3						.3	
01	ELY	IP C	20 16 1.6				209	358	.8	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	23 4	35.38	37.25 N 114.81 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
DELAMAR MTS.										
01	PRN	IP C	23 04 39.4				31	314	-.9	
01	NYM	EP	23 04 53.4				110	270	.3	
01	CPX	E(P)	23 04 54.3				116	253	.2	
01	NYS	EP	23 04 55.3				123	259	.1	
01	LEE	EP C	23 04 55.9				127	90	-.0	
		ES	23 05 10.8						-.2	
01	LSM	IP D	23 04 57.9				142	247	-.5	
		ES	23 05 15.5						.3	
01	ELY	IP D	23 05 9.8				210	358	.8	
.....										
.....										
02	1 18	12.11	36.75 N 116.08 W	DEPTH = 6.4 KM		FREE DEPTH SOLUTION				
LATHROP WELLS										
02	LSM	IP D	01 18 15.1				18	265	-.0	
		IS	01 18 17.3						.0	
02	CPX	IP D	01 18 15.4				20	6	.0	
02	NYS	E(P)	01 18 17.3				32	345	-.0	
02	NYM	E(P)	01 18 20.7				53	2	.0	
.....										
.....										
02	11 58	33.28	37.22 N 114.82 W	DEPTH = 5.0 KM		FIXED DEPTH SOLUTION				
DELAMAR MTS.										
02	PRN	IP C	11 58 37.2				33	319	-1.4	
		I(S)	11 58 42.6						.1	
02	NYM	EP	11 58 51.3				109	271	.4	
02	CPX	E(P)	11 58 52.1				114	254	.4	
02	NYS	E(P)	11 58 53.0				121	261	.1	
02	LEE	EP	11 58 53.8				128	88	-.2	
		ES	11 59 9.3						.1	
02	LSM	E(P)	11 58 55.5				140	248	-.5	
02	ELY	I(P)	11 59 7.7				213	358	.9	
.....										
.....										
02	13 28	36.08	37.23 N 114.83 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
DELAMAR MTS.										
02	PRN	IP C	13 28 40.1				31	317	-.9	
02	NYM	EP	13 28 54.2				109	270	.6	
02	CPX	E(P)	13 28 54.8				114	253	.3	
02	NYS	E(P)	13 28 55.8				121	260	.1	
02	LEE	EP	13 28 56.6				128	89	-.3	
		ES	13 29 12.2						.1	
02	LSM	E(P)	13 28 58.2				140	247	-.6	
02	ELY	EP	13 29 10.5				211	358	.7	
.....										
.....										
02	22 49	26.52	37.24 N 114.81 W	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
DELAMAR MTS.										
02	PRN	IP C	22 49 30.5				32	315	-1.0	
		I(S)	22 49 35.6						.4	
02	NYM	EP	22 49 44.6				110	270	.3	
02	NYS	E(P)	22 49 46.3				123	260	-.0	
02	LEE	E(P)	22 49 47.0				127	89	-.1	
02	ELY	EP C	22 50 .7				211	358	.5	
.....										

SCISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	20 55	39.60	36.77 N 116.12 W	DEPTH =		6.1 KM	FREE DEPTH SOLUTION			
LATHROP WELLS										
03	LSM	IP C	20 55 42.1				15	257	.0	
		ES	20 55 43.8						-.1	
03	CPX	E(P)	20 55 42.7				19	17	-.0	
		IS	20 55 45.1						.1	
03	NYS	IP	20 55 44.5				30	351	.1	
		IS	20 55 47.9						-.0	
03	NYM	E(P)	20 55 47.9				52	7	-.1	
.....										
04	DAC	EP D	07 17 26.8							
		ES	07 18 9.5							
04	LSM	EP	07 17 32.2							
04	CPX	E(P)	07 17 35.3							
04	NYS	EP	07 17 36.7							
04	PRN	EP	07 17 45.1							
04	NYM	EP	23 21 23.0							
04	CPX	E(P)	23 21 24.1							
04	PRN	IP	23 21 24.6							
		IS	23 22 40.7							
04	LSM	E(P)	23 21 25.7							
05	NYM	EP	01 57 45.9							
05	PRN	EP C	01 57 47.3							
		ES	01 57 54.2							
05	NYS	E(P)	01 57 47.3							
.....										
05	2 4	42.01	37.54 N 115.99 W	DEPTH =		0.0 KM	FREE DEPTH SOLUTION			
WORTHINGTON PEAK										
05	NYM	I(P)	02 04 47.4				35	190	-.2	
		IS	02 04 51.9						.2	
05	NYS	E(P)	02 04 51.1				59	196	-.4	
05	CPX	E(P)	02 04 52.4				68	185	-.6	
05	PRN	IP	02 04 55.3				82	98	.1	
05	LSM	E(P)	02 04 58.1				93	196	1.1	
05	TPH	E(P)	02 05 1.9				124	299	-.0	
.....										
05	TPH	E(P)	11 33 42.2							
05	NYS	E(P)	11 33 46.7							
05	LSM	EP	11 33 47.9							
		ES	11 34 6.7							
05	NYM	I(P)	11 33 48.3							
05	CPX	EP	11 33 49.3							
.....										
05	21 28	42.67	37.15 N 117.51 W	DEPTH =		15.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
05	DAC	EP	21 28 58.7				97	185	.2	
05	TPH	E(P)	21 28 58.9				106	14	-1.0	
		ES	21 29 13.9						1.4	
05	NYC	IP C	21 29 1.6				120	89	-.6	
05	NYS	EP	21 29 2.0				119	96	-.1	
05	LSM	EP	21 29 2.3				118	112	.3	
		ES	21 29 18.8						2.7	
05	NYM	IP	21 29 3.5				129	85	-.2	
05	CPX	E(P)	21 29 4.1				131	100	.1	
05	NYV	EP	21 29 4.9				135	91	.3	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	0	5	25.96	37.23 N	114.83 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION			
DELAMAR MTS.										
06	PRN	IP C	00 05 30.1				31	319	-.8	
06	CPX	E(P)	00 05 44.7				113	254	.4	
06	NYC	EP	00 05 45.3				117	266	.4	
06	LEE	EP	00 05 46.5				129	89	-.4	
		IS	00 06 2.4						.2	
06	LSM	E(P)	00 05 48.0				139	248	-.5	
06	ELY	IP	00 06 .5				212	359	.7	
		ES	00 06 26.8						2.2	
.....										
.....										
06	1	19	36.68	36.79 N	115.45 W	DEPTH = 20.8 KM	FREE DEPTH SOLUTION			
HAYFORD PEAK										
06	CPX	EP	01 19 46.3				56	287	.0	
06	NYV	E(P)	01 19 46.7				60	307	-.2	
06	NYS	EP	01 19 48.5				69	293	.2	
06	LSM	E(P)	01 19 48.9				74	266	-.1	
		ES	01 19 58.3						.2	
06	NYM	I(P)	01 19 48.9				73	313	.1	
06	NYC	EP	01 19 49.0				75	303	-.1	
06	PRN	EP D	01 19 50.1				80	25	.1	
06	NEL	EP D	01 19 57.9				132	155	-.2	
		ES	01 20 14.0						.3	
.....										
.....										
06	11	32	2.08	36.78 N	115.43 W	DEPTH = 0.0 KM	FREE DEPTH SOLUTION			
HAYFORD PEAK										
06	CPX	E(P)	11 32 11.3				58	287	-.2	
06	NYV	E(P)	11 32 12.3				62	306	.2	
06	NYS	E(P)	11 32 13.6				72	293	-.0	
06	NYM	EP	11 32 14.0				75	312	-.1	
06	LSM	E(P)	11 32 14.4				76	267	.1	
		ES	11 32 23.3						-.0	
06	NYC	E(P)	11 32 14.4				77	303	-.0	
06	NEL	E(P)	11 32 23.1				130	158	-.0	
.....										
.....										
06	17	29	26.05	37.14 N	117.85 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
MAGRUDER MTN.										
06	DAC	EP D	17 29 42.4				98	167	.4	
06	TPH	IP	17 29 44.0				118	28	-1.1	
		ES	17 30 .7						1.7	
06	NYC	IP	17 29 49.8				150	89	-.6	
06	LSM	EP	17 29 50.0				146	107	.2	
06	NYM	I(P)	17 29 51.9				160	86	.0	
.....										
.....										
06	17	57	19.67	37.18 N	114.54 W	DEPTH = 20.0 KM	FIXED DEPTH SOLUTION			
DELAMAR MTS.										
06	LEE	IP C	17 57 36.4				104	85	-.3	
		IS	17 57 49.2						-.1	
06	NYV	E(P)	17 57 40.9				129	267	.3	
06	LSM	E(P)	17 57 45.2				162	253	.0	
		IS	17 58 5.9						2.1	
06	NEL	E(P)	17 57 45.9				165	189	.3	
06	ELY	IP D	17 57 53.4				220	352	.9	
06	TPH	E(P)	17 57 55.9				256	294	-1.3	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
. 06	18 10	31.98	37.39 N 114.55 W	DEPTH =	20.0	KM	FIXED DEPTH SOLUTION			
DELAMAR MTS.										
. 06	LEE	EP	18 10 49.2				105	80	-.1	
		IS	18 11 2.1						.1	
. 06	NYM	IP	18 10 53.8				135	277	.0	
. 06	NYC	IP	18 11 55.0				143	274	.0	
. 06	ELY	EP	18 11 6.1				230	352	-.0	
.....										
. 07	11 38	4.77	37.17 N 116.26 W	DEPTH =	0.0	KM	FREE DEPTH SOLUTION			
SILENT CANYON										
. 07	NYC	IP C	11 38 6.1				9	101	.0	
		IS	11 38 7.0						-.1	
. 07	NYS	IP D	11 38 7.4				17	153	-.0	
		IS	11 38 9.5						.1	
. 07	NYM	EP	11 38 7.8				19	70	.0	
. 07	CPX	E(P)	11 38 9.8				32	146	-.0	
.....										
. 07	12 30	24.39	37.34 N 116.26 W	DEPTH =	5.2	KM	FREE DEPTH SOLUTION			
SILENT CANYON										
. 07	NYS	IP D	12 30 25.8				8	95	.0	
		IS	12 30 26.7						-.1	
. 07	NYC	IP D	12 30 26.9				16	35	-.0	
		IS	12 30 28.9						.1	
. 07	CPX	E(P)	12 30 27.9				21	124	.1	
. 07	NYM	E(P)	12 30 28.8				28	40	-.1	
.....										
. 07	ELY	IP C	20 39 7.2							
. 07	TPH	IP C	20 39 24.6							
		IS	20 39 47.3							
. 07	NYM	E(P)	20 39 29.3							
. 07	LSM	E(P)	20 39 41.1							
. 07	LEE	EP	20 39 43.2							
.....										
. 07	23 45	20.23	35.73 N 115.98 W	DEPTH =	0.0	KM	FIXED DEPTH SOLUTION			
CLARK MTN										
. 07	NEL	E(P)	23 45 36.9				103	91	.0	
		ES	23 45 53.1						4.0	
. 07	LSM	E(P)	23 45 38.9				116	347	-.0	
. 07	CPX	E(P)	23 45 41.8				134	357	-.2	
. 07	BTY	E(P)	23 45 44.4				148	332	.3	
. 07	OAC	EP	23 45 45.6				157	293	-.1	
.....										
. 08	10 15	10.47	36.92 N 117.92 W	DEPTH =	0.0	KM	FIXED DEPTH SOLUTION			
DRY MTN										
. 08	DAC	E(P)	10 15 22.8				77	158	-.0	
. 08	BTY	EP	10 15 26.7				103	91	-.4	
		IS	10 15 39.5						.2	
. 08	TPH	EP	10 15 33.7				143	25	.2	
		ES	10 15 50.1						-.2	
. 08	LSM	IP	10 15 34.5				148	97	.1	
. 08	NYS	E(P)	10 15 35.6				156	85	-.1	
. 08	NYC	I(P)	10 15 36.0				159	80	-.2	
. 08	CPX	EP	10 15 37.6				166	89	.3	
. 08	NYM	EP	10 15 37.7				170	78	-.2	
. 08	NYV	E(P)	10 15 38.7				173	82	.2	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
08	CPX	IP C	10 29 31.9							
		IS	10 29 33.6							
08	NYS	E(P)	10 29 34.4							
08	LSM	E(P)	10 29 35.4							
.....										
09	11 0	24.56	37.15 N	115.95 W	DEPTH =	8.6 KM				FREE DEPTH SOLUTION
GROOM LAKE										
09	NYV	IP	11 00 26.1			6	221		-.0	
09	NYM	IP D	11 00 26.8			13	313		-.1	
09	NYS	EP	11 00 28.0			24	236		-.5	
09	NYC	IP	11 00 28.1			18	271		.4	
		E(S)	11 00 30.1						.1	
09	CPX	E(P)	11 00 29.2			26	202		.2	
.....										
09	14 43	9.66	37.13 N	115.87 W	DEPTH =	9.4 KM				FREE DEPTH SOLUTION
GROOM LAKE										
09	NYV	EP	14 43 11.7			11	262		-.1	
09	NYM	IP	14 43 13.1			20	306		.0	
		ES	14 43 16.0						.4	
09	NYC	EP	14 43 13.5			25	277		-.4	
		ES	14 43 16.8						-.2	
09	NYS	E(P)	14 43 14.8			28	249		.4	
.....										
09	18 43	34.11	36.54 N	115.35 W	DEPTH =	5.0 KM				FIXED DEPTH SOLUTION
HAYFORD PEAK										
09	MCV	EP	18 43 43.5			59	280		-.1	NO FILM CONTRAS
09	NYJ	EP	18 43 46.3			76	313		-.1	
09	CPX	EP	18 43 46.5			76	305		.1	
09	LSM	EP	18 43 48.1			86	285		.1	
		ES	18 43 58.1						-.0	
.....										
10	ELY	EP	20 07 15.0							
		IS	20 07 45.6							
10	TPH	EP	20 07 15.5							
10	PRN	EP	20 07 30.5							
10	NYC	EP	20 13 18.7							
		ES	20 13 52.1							
10	BTY	EP	20 13 21.0							
10	ELY	EP C	20 13 21.5							
10	CPX	EP	20 13 22.3							
10	LSM	E(P)	20 13 23.2							
10	PRN	EP C	20 13 25.6							
10	NEL	E(P)	23 15 45.7							
		E(S)	23 16 15.0							
10	MCV	EP	23 15 58.9							
10	DAC	EP C	23 16 .4							
10	LSM	E(P)	23 16 1.5							
10	PRN	EP	23 16 9.9							
.....										
11	3 45	6.37	37.88 N	117.00 W	DEPTH =	0.0 KM				FREE DEPTH SOLUTION
GOLDFIELD										
11	TPH	IP C	03 45 10.7			29	319		-.2	
		IS	03 45 14.5						.3	
11	NYC	EP	03 45 23.7			110	137		-.4	
11	BTY	E(P)	03 45 24.6			111	169		.2	
11	NYS	EP	03 45 25.3			119	141		-.3	

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 11	CPX	E(P)	03 45 28.4				134	141	.3	
. 11	MCV	EP	03 45 33.0				164	147	.0	
. 11	PRN	EP	03 45 35.3				177	105	.2	
.....										
. 11	21 23 45.14		36.01 N 115.15 W				DEPTH = 10.2 KM			FREE DEPTH SOLUTION
			LAS VEGAS							
. 11	LVW	E(P)	21 23 48.5				18	349	.0	
. 11	NEL	IP C	21 23 52.3				43	140	.1	
. 11	MCV	IP D	21 24 1.5				103	312	-.4	
. 11	LSM	IP C	21 24 6.1				130	309	-.1	
		ES	21 24 22.4						.7	
. 11	CPX	EP	21 24 6.4				131	322	.0	
. 11	PRN	E(P)	21 24 11.1				160	3	.1	
. 11	BTY	EP	21 24 13.4				175	305	.0	
.....										
. 12	0 23 25.85		36.20 N 115.48 W				DEPTH = 15.0 KM			FIXED DEPTH SOLUTION
			LAS VEGAS							
. 12	MCV	E(P)	00 23 36.6				67	316	-.3	
		ES	00 23 45.1						.0	
. 12	LSM	E(P)	00 23 41.4				93	310	.3	
. 12	PRN	E(P)	00 23 49.2				144	15	.0	
.....										
. 12	1 7 4.54		36.67 N 116.14 W				DEPTH = 0.0 KM			FREE DEPTH SOLUTION
			LATHROP WELLS							
. 12	MCV	IP D	01 07 6.4				13	109	-.1	
		ES	01 07 8.3						.3	
. 12	LSM	IP C	01 07 6.7				15	301	-.1	
		IS	01 07 8.6						.1	
. 12	CPX	EP	01 07 9.1				30	14	-.2	
. 12	NYS	E(P)	01 07 11.2				40	356	.2	
. 12	NYC	E(P)	01 07 13.1				54	358	-.0	
. 12	BTY	E(P)	01 07 14.4				61	294	.0	
.....										
. 12	9 43 47.69		36.31 N 115.97 W				DEPTH = 0.0 KM			FREE DEPTH SOLUTION
			MERCURY							
. 12	CPX	IP C	09 43 48.7				8	291	-.2	COMPLEX PHASES
. 12	NYJ	IP D	09 43 49.2				11	357	-.2	
		ES	09 43 50.9						.2	
. 12	MCV	E(P)	09 43 52.7				30	186	.2	
. 12	NYC	EP	09 43 52.7				32	329	-.1	
		IS	09 43 57.1						.5	
. 12	LSM	E(P)	09 43 53.0				33	236	.0	
.....										
. 12	15 46 54.48		36.98 N 116.09 W				DEPTH = 0.0 KM			POOR SOLUTION
			LATHROP WELLS							
. 12	CPX	IP C	15 46 55.2				6	146	-.1	
. 12	NYJ	EP	15 46 59.8				11	71	-.4	
		ES	15 46 58.0						.6	
. 12	LSM	E(P)	15 46 59.6				31	212	.2	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
12	16 46	21.85	36.98 N	116.08 W	DEPTH =	5.0 KM				POOR SOLUTION
			LATHROP WELLS							
12	CPX	IP C	16 46 22.8				6	153	-.1	
12	NYJ	IP	16 46 23.3				10	70	-.3	
		IS	16 46 25.4						.5	
12	LSM	E(P)	16 46 27.1				32	213	.2	
.....										
13	CPX	IP C	01 12 29.0							
13	NYS	E(P)	01 12 31.4							
		E(S)	01 12 34.8							
13	MCV	E(P)	01 12 34.9							
.....										
13	1 18	8.32	35.95 N	117.93 W	DEPTH =	8.5 KM				FREE DEPTH SOLUTION
			LITTLE LAKE							
13	DAC	IP D	01 18 16.0				47	40	.0	
13	BTY	EP	01 18 32.3				148	45	-.0	
13	LSM	EP	01 18 36.2				172	59	-.0	
		ES	01 18 53.5						-3.2	
13	MCV	EP D	01 18 38.5				189	66	.0	
13	CPX	IP C	01 18 39.9				200	57	.0	
13	NYC	EP C	01 18 40.7				208	49	-.1	
13	NEL	EP C	01 18 50.1				280	95	-.0	
13	PRN	IP C	01 18 53.3				305	56	.1	
.....										
14	7 25	53.30	35.97 N	117.67 W	DEPTH =	25.0 KM				POOR SOLUTION
			LITTLE LAKE							
14	DAC	IP D	07 25 56.6				35	12	-3.6	
14	BTY	EP	07 26 14.0				131	38	-.3	
14	LSM	EP	07 26 17.1				152	55	.1	
		ES	07 26 34.5						.1	
14	TPH	EP	07 26 30.6				238	10	2.7	
.....										
14	DAC	E(P)	11 08 23.8							
		ES	11 08 47.7							
14	BTY	E(P)	11 08 32.9							
14	CPX	E(P)	11 08 38.5							
14	TPH	EP C	11 10 45.0							
		ES	11 11 2.8							
14	BTY	E(P)	11 11 1.9							
14	NYC	E(P)	11 11 3.1							
		ES	11 11 38.2							
14	LSM	E(P)	11 11 7.2							
14	NYS	E(P)	11 11 7.4							
.....										
14	15 8	36.61	36.66 N	116.04 W	DEPTH =	11.5 KM				FREE DEPTH SOLUTION
			LATHROP WELLS							
14	MCV	IP D	15 08 38.6				5	131	.1	
		E(S)	15 08 39.9						-.0	
14	LSM	IP C	15 08 40.6				23	292	-.0	
14	CPX	EP	15 08 41.5				30	358	-.2	
		ES	15 08 45.5						.1	
14	NYS	E(P)	15 08 43.8				43	345	.1	
14	NYC	E(P)	15 08 45.7				56	350	.0	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
14	20 50	15.80	37.29 N 114.24 W	DEPTH = 11.8 KM			FREE DEPTH SOLUTION			
			TULE DESERT							
14	PRN	EP	20 50 28.1				75	284	.0	
		E(S)	20 50 36.1						-1.0	
14	NYS	E(P)	20 50 43.4				174	261	-.2	
14	NYC	E(P)	20 50 43.9				171	266	.7	
		ES	20 51 4.7						1.4	
14	LSM	E(P)	20 50 45.7				191	252	-.2	
14	ELY	I(P)	20 50 48.8				213	345	.2	
.....										
15	LSM	E(P)	14 49 48.1							
		E(S)	14 50 31.5							
15	CPX	E(P)	14 49 51.9							
15	NYC	E(P)	14 49 53.4							
		ES	14 50 38.4							
.....										
15	20 15	14.70	35.77 N 115.93 W	DEPTH = 0.0 KM			FREE DEPTH SOLUTION			
			CLARK MTN							
15	MCV	E(P)	20 15 30.0				96	356	-.2	
15	NEL	E(P)	20 15 30.6				99	94	-.0	
		ES	20 15 46.8						4.5	
15	LSM	E(P)	20 15 32.5				112	344	-.3	
15	NYS	E(P)	20 15 37.5				142	351	-.1	
15	BTY	E(P)	20 15 38.3				145	329	.1	
15	NYC	E(P)	20 15 40.2				155	353	.4	
.....										
16	2 17	48.59	37.78 N 113.10 W	DEPTH = 10.0 KM			POOR SOLUTION			
			CEDAR CITY							
16	LEE	IP O	02 17 59.2				65	202	.1	
16	PRN	IP C	02 18 17.5				177	258	.5	
16	ELY	E(P)	02 18 22.0				217	314	-.0	
16	CPX	EP	02 18 29.7				278	251	-.3	
16	NYC	EP	02 18 30.2				279	256	.2	
16	NYS	IP C	02 18 30.9				284	254	.2	
		ES	02 19 13.7						12.2	
16	LSM	EP	02 18 33.1				304	249	-.3	
		ES	02 19 19.6						13.4	
16	BTY	E(P)	02 18 37.5				339	254	-.3	
.....										
16	16 23	33.58	37.28 N 114.85 W	DEPTH = 25.0 KM			POOR SOLUTION			
			DELMAR MTS.							
16	PRN	IP	16 23 34.9				27	313	-4.5	
16	NYC	I(P)	16 23 52.2				117	264	-.3	
		E(S)	16 24 7.6						1.3	
16	MCV	EP	16 23 53.3				125	235	-.4	
16	LSM	EP	16 23 56.4				141	245	.5	
16	TSV	E(P)	16 23 57.4				156	312	-.3	
16	ELY	I(P)	16 24 5.4				206	359	1.2	
.....										
16	22 8	58.01	35.38 N 115.56 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION			
			CLARK MTN							
16	LVW	EP	22 09 5.7				46	47	.0	
16	NEL	IP C	22 09 8.9				68	106	-.1	
		ES	22 09 17.2						.1	
16	LSM	EP	22 09 16.3				115	326	-.3	

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	NYC	EP	22 09 22.5				151	340	.0	
16	BTY	E(P)	22 09 23.6				156	316	.3	
.....										
16	23 14	4.88	38.10 N 115.06 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
TIMBER MTN.										
16	PRN	IP C	23 14 16.4				73	181	-.2	
16	TSV	E(P)	23 14 20.7				98	277	-.0	
16	ELY	I(P)	23 14 24.0				116	7	.5	
		E(S)	23 14 36.5						-.7	
16	NYC	IP	23 14 27.8				143	223	-.1	
16	LSM	E(P)	23 14 35.4				186	216	.4	
		ES	23 14 56.8						-.2	
.....										
17	7 39	21.05	37.78 N 115.10 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
HIKO										
17	PRN	IP C	07 39 27.2				37	175	-.2	
		I(S)	07 39 32.2						.1	
17	TSV	E(P)	07 39 38.1				105	297	-.1	
		ES	07 39 53.8						3.1	
17	NYC	E(P)	07 39 39.7				116	234	-.2	
17	CPX	EP	07 39 41.8				126	222	.2	
17	MCV	E(P)	07 39 45.5				150	212	.1	
17	ELY	E(P)	07 39 46.0				152	7	.3	
17	LSM	EP	07 39 46.3				155	223	.1	
		ES	07 40 6.0						1.3	
17	LEE	IP C	07 39 47.3				164	111	.0	
17	BTY	EP	07 39 48.1				177	237	-.9	
.....										
17	7 46	58.66	37.78 N 115.10 W	DEPTH = 17.2 KM			FREE DEPTH SOLUTION			
HIKO										
17	PRN	IP C	07 47 5.3				38	176	.0	
17	TSV	IP C	07 47 16.0				106	297	.1	
17	NYC	IP D	07 47 17.7				117	234	.0	
17	CPX	EP D	07 47 19.7				127	222	.3	
17	MCV	IP C	07 47 22.4				151	212	-.6	
17	ELY	IP C	07 47 23.1				151	7	.1	
17	LSM	IP D	07 47 23.3				156	223	-.4	
		E(S)	07 47 43.3						1.2	
17	LEE	E(P)	07 47 24.8				163	111	.2	
17	BTY	I(P)	07 47 26.2				178	237	-.3	
17	TPH	EP	07 47 27.9				189	280	-.0	
17	NEL	E(P)	07 47 33.4				231	174	.0	
.....										
17	9 29	8.89	37.78 N 115.08 W	DEPTH = 18.0 KM			FREE DEPTH SOLUTION			
HIKO										
17	PRN	IP C	09 29 15.7				37	178	.2	
17	TSV	EP C	09 29 26.4				107	296	-.0	
17	NYC	EP D	09 29 28.0				118	234	-.1	
17	CPX	EP	09 29 29.9				128	223	.2	
17	MCV	EP C	09 29 32.8				151	213	-.4	
17	ELY	I(P)	09 29 33.4				152	6	.2	
17	LSM	EP	09 29 33.6				157	223	-.4	
		ES	09 29 53.5						1.1	
17	BTY	EP C	09 29 36.4				179	237	-.4	
17	TPH	EP	09 29 38.4				191	280	.1	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	9 50	4.44	37.78 N	115.10 W	DEPTH =	18.2 KM				FREE DEPTH SOLUTION
			HIKO							
17	PRN	IP C	09 50 11.1				38	175	.0	
17	TSV	IP C	09 50 21.7				105	297	.1	
17	NYC	IP D	09 50 23.4				116	234	.0	
17	NYS	I(P)	09 50 24.8				126	229	-.1	
17	CPX	I(P)	09 50 25.3				126	222	.2	
17	MCV	IP C	09 50 28.2				150	212	-.4	
		ES	09 50 47.2						.9	
17	ELY	IP C	09 50 28.8				152	7	.1	
17	LSM	IP D	09 50 29.1				156	222	-.2	
17	LEE	E(P)	09 50 30.5				164	111	.1	
17	BTY	IP C	09 50 31.8				177	237	-.3	
17	TPH	IP D	09 50 33.6				189	281	.1	
17	NEL	IP D	09 50 38.9				231	174	-.1	
.....										
17	10 2	27.28	37.76 N	115.06 W	DEPTH =	20.0 KM				FIXED DEPTH SOLUTION
			HIKO							
17	PRN	IP C	10 02 33.7				36	181	-.1	
		IS	10 02 38.7						.2	
17	TSV	E(P)	10 02 45.4				109	297	.2	
17	NYC	E(P)	10 02 46.8				118	236	.2	
17	LSM	E(P)	10 02 52.7				157	224	.5	
17	BTY	EP	10 02 53.9				179	238	-1.1	
.....										
17	10 22	18.73	38.08 N	117.00 W	DEPTH =	10.0 KM				POOR SOLUTION
			TONOPAH							
17	TPH	EP	10 22 22.1				19	266	.0	
		ES	10 22 39.3						14.8	
17	TSV	E(P)	10 22 31.3				74	79	.6	
17	NYC	E(P)	10 22 40.0				128	144	.6	
17	PRN	EP C	10 22 46.3				185	112	-1.8	
.....										
17	10 48	40.90	37.73 N	115.10 W	DEPTH =	0.0 KM				POOR SOLUTION
			HIKO							
17	PRN	EP C	10 48 46.0				33	175	-.1	
17	TSV	E(P)	10 48 58.2				108	299	-.1	
17	NYC	EP C	10 48 59.4				113	236	.2	
		E(S)	10 49 12.4						-.2	
.....										
17	11 11	9.12	37.76 N	115.07 W	DEPTH =	17.4 KM				FREE DEPTH SOLUTION
			HIKO							
17	PRN	EP	11 11 15.2				35	180	-.2	
		ES	11 11 20.2						.3	
17	TSV	E(P)	11 11 27.0				109	297	.1	
17	NYC	E(P)	11 11 28.1				117	236	-.1	
17	LSM	E(P)	11 11 34.2				156	224	.1	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	11 16	38.59	37.75 N 115.07 W	DEPTH = 17.6 KM			FREE DEPTH SOLUTION			
HIKO										
17	PRN	EP C	11 16 44.6				35	180	-.2	
		ES	11 16 49.6						.3	
17	TSV	E(P)	11 16 56.5				109	297	.1	
17	NYC	E(P)	11 16 57.5				117	236	-.1	
17	LSM	E(P)	11 17 3.6				156	224	.1	
.....										
.....										
17	11 20	46.44	37.77 N 115.07 W	DEPTH = 16.2 KM			FREE DEPTH SOLUTION			
HIKO										
17	PRN	IP C	11 20 52.6				36	180	-.1	
		IS	11 20 57.5						.2	
17	TSV	E(P)	11 21 4.2				109	297	.1	
17	NYC	E(P)	11 21 5.5				118	235	-.1	
17	LSM	E(P)	11 21 11.7				157	224	.0	
.....										
.....										
17	11 43	29.35	37.79 N 115.13 W	DEPTH = 13.7 KM			FREE DEPTH SOLUTION			
HIKO										
17	PRN	IP C	11 43 35.6				39	172	-.3	
17	TSV	EP	11 43 46.4				103	297	.3	
17	NYC	EP	11 43 48.0				115	233	.0	
17	CPX	EP C	11 43 50.0				126	221	.2	
17	NYS	E(P)	11 43 50.0				125	228	.4	
17	MCV	E(P)	11 43 52.8				150	211	-.9	
17	LSM	E(P)	11 43 53.6				155	222	-.9	
		ES	11 44 14.3						1.4	
17	ELY	E(P)	11 43 54.1				151	8	.3	
17	LEE	EP C	11 43 55.7				166	111	-.3	
17	BTY	EP	11 43 56.4				176	236	-.9	
17	TPH	E(P)	11 43 58.4				187	280	-.2	
17	NEL	E(P)	11 44 7.1				232	174	2.6	
.....										
.....										
17	13 42	41.30	37.77 N 115.04 W	DEPTH = 16.6 KM			FREE DEPTH SOLUTION			
HIKO										
17	PRN	EP	13 42 47.7				37	183	-.1	
		ES	13 42 52.6						.1	
17	TSV	E(P)	13 42 59.3				110	296	.0	
17	NYC	E(P)	13 43 .8				120	235	-.1	
17	LSM	E(P)	13 43 6.8				159	224	.0	
.....										
.....										
17	13 43	34.87	36.70 N 115.48 W	DEPTH = 22.4 KM			FREE DEPTH SOLUTION			
HAYFORD PEAK										
17	MCV	E(P)	13 43 43.1				47	262	-.1	
17	NYS	E(P)	13 43 46.4				72	302	-.5	
17	LSM	E(P)	13 43 47.0				71	274	.1	
		I(S)	13 43 57.8						2.2	
17	NYC	E(P)	13 43 47.9				79	311	-.1	
17	PRN	E(P)	13 43 49.6				91	24	-.3	
		ES	13 44 1.6						.6	
17	BTY	EP	13 43 54.5				116	281	.5	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	18	9 52.65	38.20 N 114.92 W	DEPTH = 15.0 KM			FIXED DEPTH SOLUTION			
			BRISTOL RANGE							
17	PRN	IP C	18 10 6.7				86	188	.0	
17	TSV	EP	18 10 10.5				109	270	.0	
17	NYC	EP	18 10 18.1				159	223	-.2	
		ES	18 10 37.1						.0	
17	NYJ	I(P)	18 10 18.8				162	215	.1	
.....										
17	18	27 56.79	35.87 N 116.16 W	DEPTH = 0.0 KM			POOR SOLUTION			
			SHOSHONE							
17	MCV	E(P)	18 28 10.3				86	9	-.3	
17	LSM	E(P)	18 28 12.0				97	353	-.4	
		ES	18 28 24.0						.1	
17	LVW	E(P)	18 28 13.1				93	69	1.2	
17	NEL	IP C	18 28 15.7				120	98	-.5	
		E(S)	18 28 29.8						-.5	
17	CPX	I(P)	18 28 15.8				118	4	-.1	
17	BTY	EP	18 28 16.4				126	334	-.8	
17	NYS	E(P)	18 28 17.4				129	359	-.2	
		ES	18 28 33.0						.1	
17	NYV	E(P)	18 28 19.5				139	6	.3	
17	NYC	E(P)	18 28 19.7				143	360	-.1	
17	TPH	IP	18 28 39.5				263	339	2.4	
.....										
17	TSV	EP	22 53 38.2							
17	PRN	EP	22 53 45.9							
		E(S)	22 54 14.6							
17	TPH	IP C	22 53 50.9							
.....										
17	23	18 42.95	37.79 N 115.12 W	DEPTH = 14.2 KM			FREE DEPTH SOLUTION			
			HIKO							
17	PRN	IP	23 18 49.5				39	173	-.0	
17	TSV	E(P)	23 19 .1				103	297	.4	
17	NYV	I(P)	23 19 .9				107	226	.5	
17	NYC	E(P)	23 19 1.8				115	233	.1	
17	NYS	E(P)	23 19 3.4				125	228	.1	
17	CPX	E(P)	23 19 3.8				126	221	.4	
17	MCV	E(P)	23 19 6.6				150	212	-.8	
17	LSM	E(P)	23 19 7.4				155	222	-.8	
		ES	23 19 28.3						1.6	
17	LEE	IP C	23 19 9.5				166	111	-.0	
		ES	23 19 30.1						1.1	
17	BTY	EP	23 19 10.3				176	236	-.6	
17	TPH	E(P)	23 19 12.0				187	280	-.2	
17	NEL	E(P)	23 19 17.5				232	174	-.6	
.....										
18	NEL	EP	00 12 45.0							
18	MCV	EP	00 12 46.2							
18	LSM	E(P)	00 12 46.4							
18	BTY	EP C	00 12 47.4							
		E(S)	00 13 25.0							
18	PRN	IP D	00 13 1.3							
.....										
18	2	10 29.47	36.03 N 117.53 W	DEPTH = 12.2 KM			FREE DEPTH SOLUTION			
			DARWIN							
18	BTY	EP C	02 10 48.2				119	35	-.6	
		ES	02 11 2.2						-.7	
18	LSM	EP	02 10 52.3				138	55	.5	

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.	.	ES	02 11 8.7	.	.	.	.	.	.5	.
. 18	MCV	EP D	02 10 54.6	.	.	.	153	63	.2	.
. 18	CPX	IP C	02 10 56.0	.	.	.	166	52	-.3	.
. 18	NYS	E(P)	02 10 56.0	.	.	.	166	47	-.2	.
.	.	IS	02 11 16.0	.	.	.	.	.	.2	.
. 18	NYC	E(P)	02 10 56.9	.	.	.	176	44	-.6	.
. 18	TPH	EP	02 11 4.3	.	.	.	229	7	-.1	.
. 18	NEL	EP C	02 11 6.3	.	.	.	245	97	-.1	.
. 18	PRN	EP	02 11 9.5	.	.	.	271	54	-.2	.
. 18	TSV	E(P)	02 11 13.2	.	.	.	271	26	3.5	.
.....										
. 18	4 44 18.02		37.30 N 114.05 W	DEPTH =	0.0 KM					POOR SOLUTION
.			TULE DESERT							.
.	.	.	.	.	.	.	.	.	.	.
. 18	LEE	IP D	04 44 27.8	.	.	.	60	96	.2	.
. 18	PRN	EP	04 44 31.5	.	.	.	92	280	-1.3	.
. 18	NEL	E(P)	04 44 48.2	.	.	.	191	202	-.8	.
. 18	NYC	E(P)	04 44 48.4	.	.	.	188	266	.0	.
. 18	LSM	E(P)	04 44 52.6	.	.	.	208	253	1.1	.
.	.	ES	04 45 17.1	.	.	.	.	.	1.1	.
.....										
. 18	13 17 17.13		36.77 N 115.44 W	DEPTH =	10.9 KM					FREE DEPTH SOLUTION
.			HAYFORD PEAK							.
.	.	.	.	.	.	.	.	.	.	.
. 18	MCV	E(P)	13 17 25.0	.	.	.	52	254	-.7	.
. 18	NYV	E(P)	13 17 27.3	.	.	.	62	308	.0	.
. 18	CPX	IP C	13 17 26.4	.	.	.	58	289	-.2	.
. 18	NYS	E(P)	13 17 28.6	.	.	.	71	295	-.1	.
. 18	LSM	E(P)	13 17 29.1	.	.	.	75	268	-.2	.
. 18	NYC	E(P)	13 17 29.3	.	.	.	77	304	-.3	.
. 18	PRN	EP D	13 17 30.6	.	.	.	82	24	.2	.
.	.	ES	13 17 42.7	.	.	.	.	.	2.5	.
. 18	BTY	EP C	13 17 36.6	.	.	.	119	277	.2	.
.	.	E(S)	13 17 52.1	.	.	.	.	.	1.5	.
. 18	NEL	E(P)	13 17 38.4	.	.	.	129	155	.3	.
. 18	TPH	I(P)	13 17 50.1	.	.	.	214	313	-.1	.
.....										
. 18	15 8 21.26		32.92 N 117.39 W	DEPTH =	10.0 KM					FIXED DEPTH SOLUTION
.										EARTHQUAKE NOT IN THE
.										SOUTHERN NEVADA REGION
.	.	.	.	.	.	.	.	.	.	.
. 18	NEL	IP C	15 09 16.6	.	.	.	389	36	-.4	.
. 18	LSM	EP	15 09 23.0	.	.	.	438	13	-.1	.
. 18	MCV	EP	15 09 23.4	.	.	.	433	17	.9	.
. 18	BTY	EP	15 09 24.8	.	.	.	447	7	.5	.
.	.	ES	15 10 10.6	.	.	.	.	.	.1	.
. 18	NYC	EP	15 09 29.1	.	.	.	485	13	-.1	.
.	.	ES	15 10 18.7	.	.	.	.	.	-.3	.
. 18	TPH	EP	15 09 42.2	.	.	.	574	1	1.6	.
.....										
. 18	17 18 10.47		36.68 N 116.08 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
.			LATHROP WELLS							.
.	.	.	.	.	.	.	.	.	.	.
. 18	MCV	IP D	17 18 11.6	.	.	.	9	125	-.2	.
. 18	LSM	IP C	17 18 13.6	.	.	.	19	290	.2	.
. 18	CPX	IP D	17 18 14.5	.	.	.	28	4	-.4	.
.	.	ES	17 18 18.5	.	.	.	.	.	.3	.
. 18	NYS	EP	17 18 16.8	.	.	.	40	348	-.1	.
. 18	NYC	EP	17 18 18.6	.	.	.	53	353	-.4	.
. 18	BTY	EP C	17 18 21.2	.	.	.	66	291	.2	.
. 18	PRN	E(P)	17 18 31.0	.	.	.	124	46	.6	.
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
18	22 34 45.56		37.78 N 115.02 W			DEPTH = 17.6 KM				FREE DEPTH SOLUTION
			HIKO							
.....										
18	PRN	IP C	22 34 52.2				38	186	-.0	
		IS	22 34 57.2						.1	
18	TSV	E(P)	22 35 3.8				112	295	.0	
18	NYC	E(P)	22 35 5.4				122	236	-.1	
18	CPX	EP	22 35 7.1				132	225	.1	
18	LSM	EP	22 35 11.2				161	224	.0	
.....										
19	LSM	EP	04 30 6.9							
19	MCV	E(P)	04 30 7.0							
19	BTY	IP C	04 30 7.3							
19	CPX	E(P)	04 30 19.8							
19	PRN	EP	04 30 22.0							
19	TPH	EP C	04 30 22.8							
		ES	04 30 41.8							
19	TSV	EP	04 30 27.0							
.....										
19	4 38 57.20		36.66 N 116.03 W			DEPTH = 15.0 KM				FREE DEPTH SOLUTION
			LATHROP WELLS							
.....										
19	MCV	IP D	04 38 59.6				4	143	.0	
19	LSM	IP C	04 39 1.6				24	291	-.1	
		E(S)	04 39 5.2						.2	
19	CPX	EP	04 39 2.4				30	355	-.2	
		E(S)	04 39 6.4						-.1	
19	NYJ	IP C	04 39 4.1				39	7	.2	
.....										
19	5 31 11.77		36.80 N 115.74 W			DEPTH = 0.0 KM				POOR SOLUTION
			MERCURY							
.....										
19	MCV	E(P)	05 31 16.0				29	231	-.4	
19	NYJ	IP C	05 31 16.4				31	319	-.3	
		ES	05 31 19.8						-.5	
19	CPX	IP D	05 31 16.7				31	298	-.1	
19	LSM	E(P)	05 31 20.0				48	262	.5	
19	NYC	E(P)	05 31 20.9				54	317	.5	
.....										
19	6 58 24.24		36.53 N 117.09 W			DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
			TIN MTN							
.....										
19	BTY	IP C	06 58 32.9				49	35	-.2	
		ES	06 58 39.5						-.1	
19	LSM	E(P)	06 58 37.0				76	72	-.1	
19	MCV	E(P)	06 58 40.0				98	83	-.5	
19	CPX	E(P)	06 58 41.8				102	64	.7	
19	NYC	E(P)	06 58 41.9				108	50	.0	
19	NYJ	E(P)	06 58 42.7				112	62	.2	
.....										
19	11 44 58.21		37.78 N 115.02 W			DEPTH = 0.0 KM				FIXED DEPTH SOLUTION
			HIKO							
.....										
19	TSV	E(P)	11 45 16.1				112	295	-.2	
19	NYV	E(P)	11 45 16.9				113	230	.4	
19	NYC	E(P)	11 45 17.9				122	236	-.0	
19	NYJ	EP	11 45 17.9				120	225	.2	
19	CPX	E(P)	11 45 19.6				131	225	.1	
19	NYS	E(P)	11 45 19.8				131	231	.4	
19	MCV	E(P)	11 45 22.5				154	215	-.7	

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 19	ELY	E(P)	11 45 22.7				151	4	.1	
.		ES	11 45 41.2						.7	
. 19	LEE	E(P)	11 45 22.9				156	112	-.6	
. 19	LSM	E(P)	11 45 23.3				161	225	-.9	
.		ES	11 45 44.7						1.4	
. 19	BTY	E(P)	11 45 26.2				183	238	-1.7	
. 19	TPH	E(P)	11 45 30.0				197	280	.0	
. 19	NEL	E(P)	11 45 36.1				230	176	1.6	
.....										
. 19	15 41	3.31	36.75 N 115.33 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
.			HAYFORD PEAK							
. 19	MCV	E(P)	15 41 12.7				61	258	-.4	
. 19	NYJ	IP C	15 41 13.2				64	297	-.4	MAY NOT BE EQ.
.		I(S)	15 41 21.0						-.1	
. 19	CPX	E(P)	15 41 14.6				67	288	.5	
. 19	LSM	E(P)	15 41 17.3				84	269	.4	
.....										
. 19	15 41	27.96	36.74 N 115.37 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
.			HAYFORD PEAK							
. 19	MCV	E(P)	15 41 37.0				58	258	-.3	
. 19	NYJ	I(P)	15 41 37.6				62	299	-.3	MAY NOT BE EQ.
.		I(S)	15 41 45.1						-.1	
. 19	CPX	E(P)	15 41 38.8				65	289	.4	
. 19	LSM	E(P)	15 41 41.3				81	270	.2	
.....										
. 19	15 46	24.98	37.77 N 115.12 W	DEPTH =	16.3 KM					FREE DEPTH SOLUTION
.			HTKO							
. 19	TSV	EP	15 46 42.2				105	298	.2	
. 19	NYS	E(P)	15 46 43.8				124	229	-1.3	
. 19	NYC	I(P)	15 46 44.0				114	234	.4	
. 19	NYJ	IP C	15 46 44.0				113	222	.5	
. 19	CPX	EP	15 46 45.8				125	222	.5	
. 19	MCV	E(P)	15 46 48.7				148	212	-.4	
. 19	LSM	E(P)	15 46 49.4				154	222	-.4	
.		IS	15 47 9.5						1.5	
. 19	ELY	E(P)	15 46 49.8				153	7	.1	
. 19	LEE	EP C	15 46 51.5				164	110	.3	
. 19	BTY	EP	15 46 52.1				175	237	-.5	
. 19	TPH	EP	15 46 54.0				188	281	-.1	
. 19	NEL	E(P)	15 46 59.3				230	174	-.3	
.....										
. 19	15 53	28.27	37.76 N 115.08 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
.			HIKO							
. 19	TSV	EP	15 53 46.1				108	297	.4	
. 19	NYS	E(P)	15 53 46.5				126	230	-2.2	
. 19	NYJ	I(P)	15 53 46.9				116	224	-.1	
. 19	CPX	E(P)	15 53 49.0				127	223	.2	
. 19	MCV	E(P)	15 53 52.9				150	213	.3	
. 19	ELY	EP D	15 53 52.9				153	6	-.1	
. 19	LSM	EP C	15 53 53.4				156	223	-.1	
.		ES	15 54 13.0						.9	
. 19	LEE	E(P)	15 53 54.5				161	111	.1	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
19	18 8	4.16	37.78 N	115.11 W	DEPTH =	14.7 KM				FREE DEPTH SOLUTION
			HIKO							
19	PRN	IP C	18 08 10.4				38	174	-.2	
		IS	18 08 15.5						.2	
19	TSV	E(P)	18 08 21.4				105	297	.2	
19	NYS	E(P)	18 08 22.7				125	229	-1.8	
19	NYJ	I(P)	18 08 23.0				115	222	.1	
19	NYC	EP	18 08 23.3				116	234	.4	
19	CPX	E(P)	18 08 24.8				126	222	.1	
19	MCV	E(P)	18 08 29.0				150	212	.5	
19	ELY	I(P)	18 08 29.0				152	7	.2	
19	LSM	EP	18 08 29.4				155	222	.1	
		ES	18 08 49.0						1.2	
19	LEE	EP C	18 08 30.5				164	111	-.0	
19	BTY	E(P)	18 08 31.1				176	237	-1.0	
.....										
19	20 10	29.19	36.69 N	115.38 W	DEPTH =	5.0 KM				FIXED DEPTH SOLUTION
			HAYFORD PEAK							
19	MCV	E(P)	20 10 37.9				56	264	-.3	
19	CPX	E(P)	20 10 39.4				66	294	-.5	
19	LSM	E(P)	20 10 42.5				81	274	.3	
		ES	20 10 52.5						.7	
19	NYC	E(P)	20 10 43.3				86	307	.2	
		ES	20 10 53.0						-.3	
19	PRN	E(P)	20 10 43.5				88	18	.2	
.....										
19	21 10	36.27	37.78 N	115.11 W	DEPTH =	14.7 KM				FREE DEPTH SOLUTION
			HIKO							
19	PRN	IP C	21 10 42.5				38	174	-.2	
		IS	21 10 47.6						.1	
19	TSV	E(P)	21 10 53.4				104	297	.2	
19	NYS	EP	21 10 54.8				125	229	-1.8	
19	NYC	I(P)	21 10 55.5				116	233	.4	
19	CPX	EP	21 10 57.3				126	222	.5	
19	MCV	E(P)	21 11 1.0				150	212	.3	
19	ELY	EP	21 11 1.0				152	7	.2	
19	LSM	EP	21 11 1.6				155	222	.1	
		ES	21 11 20.8						.9	
19	LEE	EP C	21 11 2.7				165	111	.0	
19	BTY	E(P)	21 11 3.3				176	237	-.9	
.....										
20	NEL	E(P)	00 31 4.6							
20	LSM	EP	00 31 7.5							
20	BTY	EP C	00 31 7.7							
20	MCV	E(P)	00 31 8.0							
20	CPX	E(P)	00 31 11.3							
20	NYC	E(P)	00 31 13.5							
20	PRN	EP	00 31 22.5							
		E(S)	00 31 45.4							
20	TSV	E(P)	00 31 27.5							
.....										
20	10 19	38.59	37.99 N	118.43 W	DEPTH =	0.0 KM				FIXED DEPTH SOLUTION
			DAVIS MTN.							
20	TPH	IP C	10 19 55.7				107	85	-.0	
20	BTY	E(P)	10 20 9.6				191	129	.0	
		ES	10 20 32.3						.0	
20	TSV	EP C	10 20 10.9				199	82	.1	
20	NYC	E(P)	10 20 13.5				221	114	-.2	

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	MCV	E(P)	10 20 19.2				263	124	.1	
.....										
20	17 52	15.05	37.73 N	115.08 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
	HIKO									
20	TSV	E(P)	17 52 32.6				109	299	-.0	
20	NYS	E(P)	17 52 33.8				124	231	-1.2	
20	NYC	EP	17 52 34.3				115	236	.8	
		ES	17 52 47.5						.4	
20	ELY	E(P)	17 52 40.3				156	6	.0	
20	LEE	E(P)	17 52 41.1				160	109	.1	
.....										
22	1 14	53.51	37.76 N	115.08 W	DEPTH =	0.0 KM	POOR SOLUTION			
	HIKO									
22	NYC	EP	01 15 12.2				117	235	-.2	
22	CPX	EP	01 15 13.8				127	224	-.2	
22	NYS	EP	01 15 13.9				126	230	-.0	
22	MCV	E(P)	01 15 17.7				150	214	-.1	
		ES	01 15 36.0						.4	
22	ELY	EP	01 15 18.1				153	6	-.1	
22	LEE	E(P)	01 15 19.4				161	111	-.1	
22	BTY	E(P)	01 15 21.4				178	238	-1.0	
22	TPH	I(P)	01 15 24.8				192	281	.3	
		IS	01 15 47.8						.6	
22	NEL	E(P)	01 15 30.6				229	175	.9	
.....										
22	3 3	14.89	36.81 N	117.66 W	DEPTH =	11.7 KM	FREE DEPTH SOLUTION			
	DRY MTN									
22	DAC	EP C	03 03 24.6				59	174	.0	
		ES	03 03 33.9						2.2	
22	BTY	EP	03 03 27.8				80	83	-.2	
		ES	03 03 37.6						.1	
22	NYC	EP	03 03 37.5				139	73	.1	
22	TPH	EP	03 03 38.5				146	15	.0	
.....										
22	4 6	.69	39.27 N	114.91 W	DEPTH =	25.0 KM	POOR SOLUTION			
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
22	ELY	EP	04 06 42.9				15	174	37.7	
		ES	04 07 1.1						52.5	
22	NYC	I(P)	04 06 37.6				259	205	-.5	
22	NYS	EP	04 06 39.5				272	204	-.3	
22	CPX	EP	04 06 39.6				279	202	-1.0	
22	MCV	E(P)	04 06 43.0				308	198	-1.5	
		ES	04 07 1.7						-14.8	
22	LEE	EP	04 06 45.3				262	149	6.8	
22	BTY	E(P)	04 06 46.0				310	212	1.3	
22	TPH	EP	04 06 49.6				241	237	13.8	
22	NEL	E(P)	04 06 55.9				396	179	.2	
22	DAC	E(P)	04 07 5.0				408	216	7.8	
.....										
22	5 33	21.64	37.79 N	115.20 W	DEPTH =	10.8 KM	FREE DEPTH SOLUTION			
	HIKO									
22	NYC	EP	05 33 39.5				110	231	.1	
22	CPX	E(P)	05 33 41.1				122	219	-.3	
22	MCV	E(P)	05 33 45.4				147	209	-.0	

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.		ES	05 34 3.2						.3	.
. 22	ELY	I(P)	05 33 46.3				152	10	.1	.
. 22	BTY	E(P)	05 33 49.2				171	235	.0	.
.....										
. 22	9 27 32.89		36.73 N 117.24 W				DEPTH = 19.0 KM			FREE DEPTH SOLUTION
.			TIN MTN							.
. 22	BTY	IP C	09 27 41.2				46	66	.3	.
.		ES	09 27 46.5						-.2	.
. 22	DAC	IP D	09 27 43.0				60	213	.1	.
.		IS	09 27 50.1						-.2	.
. 22	NYC	EP	09 27 50.3				107	64	-.4	.
. 22	CPX	IP C	09 27 50.8				108	78	.3	.
. 22	MCV	E(P)	09 27 51.0				111	95	-.1	.
.....										
22	NYC	IP C	09 27 51.0							
22	MCV	E(P)	19 06 13.2							
		ES	19 06 19.3							
22	NYC	E(P)	19 06 18.1							
22	BTY	E(P)	19 06 24.6							
.....										
. 23	5 52 5.70		37.79 N 115.12 W				DEPTH = 16.5 KM			FREE DEPTH SOLUTION
.			HIKO							.
. 23	NYC	EP	05 52 24.7				115	233	.2	.
. 23	NYS	EP	05 52 26.2				125	220	.1	.
. 23	CPX	EP	05 52 26.5				126	221	.2	.
. 23	MCV	EP	05 52 26.5				150	212	-3.6	.
. 23	ELY	I(P)	05 52 30.1				151	8	.1	.
. 23	LSM	IP D	05 52 30.3				156	222	-.4	.
.		ES	05 52 50.1						1.0	.
. 23	BTY	IP C	05 52 33.1				176	236	-.3	.
. 23	TPH	IP D	05 52 34.9				187	280	.2	.
. 23	LVW	E(P)	05 52 35.6				180	182	1.6	.
. 23	NEL	IP C	05 52 40.2				233	174	-.4	.
.....										
. 23	11 18 22.60		36.88 N 117.52 W				DEPTH = 5.0 KM			FIXED DEPTH SOLUTION
.			DRY MTN							.
. 23	BTY	EP	11 18 33.1				67	88	-.4	.
. 23	DAC	IP D	11 18 33.4				67	186	-.1	.
.		ES	11 18 41.5						.1	.
. 23	LSM	EP	11 18 40.7				112	98	.0	.
. 23	NYS	E(P)	11 18 42.5				121	82	.3	.
.....										
23	CPX	IP D	22 55 53.1							
		ES	22 55 57.8							
.....										
. 24	4 42 40.61		36.51 N 117.02 W				DEPTH = 25.0 KM			POOR SOLUTION
.			TIN MTN							.
. 24	LSM	IP D	04 42 51.6				71	69	-1.2	.
.		I(S)	04 42 52.5						-9.2	.
. 24	MCV	EP	04 42 55.6				93	81	-.5	.
. 24	CPX	E(P)	04 42 56.5				99	61	-.5	.
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP. (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
24	13 26	13.69	36.71 N	116.24 W	DEPTH =	8.4 KM	FREE DEPTH SOLUTION			
			LATHROP WELLS							
24	LSM	IP D	13 26 15.2			5	316		.0	
24	MCV	IP D	13 26 17.7			23	110		.2	
24	CPX	IP D	13 26 18.6			30	33		-.0	
24	NYS	EP	13 26 19.8			37	9		.1	
24	NYC	EP	13 26 21.6			51	8		-.3	
		ES	13 26 28.0						.1	
24	NEL	EP	13 26 40.6			167	131		-.2	
24	TPH	I (P)	13 26 42.1			175	330		.1	
.....										
25	0 33	10.07	37.10 N	114.66 W	DEPTH =	0.0 KM	POOR SOLUTION			
			DELAMAR MTS.							
25	CPX	E (P)	00 33 30.8			126	262		.4	
25	NYC	EP	00 33 31.0			133	273		-.5	
25	MCV	E (P)	00 33 31.3			130	247		.2	
25	LSM	E (P)	00 33 33.8			150	255		-.5	
		ES	00 33 52.5						.5	
25	ELY	I (P)	00 33 46.0			227	355		.2	
.....										
25	9 57	18.00	37.66 N	117.11 W	DEPTH =	10.0 KM	POOR SOLUTION			
			GOLDFIELD							
25	TPH	EP C	09 57 28.5			47	348		2.8	
		ES	09 57 35.8						4.5	
25	BTY	EP	09 57 31.8			90	160		-.9	
25	NYC	IP C	09 57 35.1			101	123		.7	
		F (S)	09 57 47.3						.0	
25	LSM	E (P)	09 57 39.3			126	144		.8	
25	PRN	E (P)	09 57 43.3			182	97		-3.8	
.....										
25	DAC	IP D	12 07 7.8							
		IS	12 07 12.4							
25	DTY	EP D	12 07 20.6							
		ES	12 07 33.6							
25	LSM	EP	12 07 23.4							
25	MCV	E (P)	12 07 26.2							
25	CPX	E (P)	12 07 28.3							
25	NYC	EP	12 07 29.6							
.....										
25	19 31	38.51	36.63 N	118.11 W	DEPTH =	8.5 KM	FREE DEPTH SOLUTION			
			MT. WHITNEY							
25	DAC	IP C	19 31 48.5			61	130		.1	
		IS	19 31 55.5						-.1	
25	BTY	I (P)	19 31 58.7			124	76		.1	
25	LSM	EP D	19 32 4.2			164	85		-1.0	
		ES	19 32 25.2						.5	
25	NYC	IP C	19 32 7.0			184	71		-1.0	
25	TPH	EP	19 32 7.8			179	26		.5	
25	MCV	EP	19 32 9.5			189	89		.9	
.....										
26	DAC	EP C	06 57 54.5							
		ES	06 58 22.8							
26	NEL	EP	06 57 58.8							
26	LSM	E (P)	06 58 3.9							
		E (S)	06 58 38.7							
26	BTY	E (P)	06 58 4.6							

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	MCV	IP C	00 24 48.9							
		IS	00 24 49.7							
27	LSM	EP	00 24 53.6							
27	CPX	E(P)	00 24 53.8							
27	TPH	IP C	02 27 28.6							
27	DAC	E(P)	02 27 31.4							
		IS	02 27 51.5							
27	NYC	IP	02 27 41.7							
27	LSM	E(P)	02 27 42.2							
.....										
27	2 48 31.01		36.94 N 116.02 W	DEPTH =	6.0 KM					FREE DEPTH SOLUTION
			LATHROP WELLS							
27	CPX	IP C	02 48 32.0			3	259		-.0	
27	LSM	E(P)	02 48 36.2			32	226		-.0	
		ES	02 48 40.0						-.0	
27	MCV	E(P)	02 48 36.5			34	177		.0	
.....										
27	DAC	IP C	03 41 36.8							
		I(S)	03 41 51.9							
27	BTY	EP C	03 41 54.0							
27	LSM	E(P)	03 41 58.5							
.....										
27	7 40 12.70		37.14 N 117.10 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
			MT. JACKSON							
27	BTY	IP D	07 40 10.9			41	133		-.3	
27	NYC	IP C	07 40 26.3			84	89		.1	
		IS	07 40 35.8						-.3	
27	LSM	IP C	07 40 26.8			86	121		.2	
		IS	07 40 36.9						.2	
.....										
27	13 49 30.82		36.61 N 116.16 W	DEPTH =	13.1 KM					FREE DEPTH SOLUTION
			LATHROP WELLS							
27	MCV	IP D	13 49 33.9			15	79		-.0	
		ES	13 49 36.2						.0	
27	LSM	IP C	13 49 34.3			18	324		.0	
		ES	13 49 36.8						-.0	
27	CPX	E(P)	13 49 37.1			37	15		-.0	
.....										
28	5 47 40.76		36.75 N 116.68 W	DEPTH =	11.3 KM					FREE DEPTH SOLUTION
			CHLORIDE CLIFF							
28	BTY	IP D	05 47 43.8			18	335		-.3	
		IS	05 47 46.7						.2	
28	LSM	IP C	05 47 46.7			36	92		-.1	
		IS	05 47 51.4						.2	
28	CPX	E(P)	05 47 50.7			59	70		.2	
28	MCV	E(P)	05 47 50.7			62	102		-.2	
28	NYC	IP C	05 47 51.2			65	46		-.1	
		IS	05 47 59.4						.3	
28	DAC	EP	05 47 56.7			97	238		.2	
.....										
28	LEE	EP C	20 53 33.2							
28	ELY	EP C	20 54 .7							
		ES	20 54 27.7							
28	LSM	EP	20 54 7.3							
28	NEL	EP C	20 54 7.7							
28	TPH	I(P)	20 54 25.2							

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	CPX	IP C	00 24 21.5							
		ES	00 24 22.8							
29	LSM	EP	00 24 25.0							
29	MCV	I(P)	00 24 28.2							
.....										
29	5 45	37.12	37.84 N 114.53 W	DEPTH =	0.0 KM					POOR SOLUTION
			HIGHLAND PEAK							
29	LEE	IP C	05 45 56.7				122	123	-.1	
29	NYC	EP	05 46 4.0				162	243	.7	
29	CPX	E(P)	05 46 4.2				168	234	-.1	
29	MCV	EP	05 46 7.0				187	225	-.4	
29	LSM	EP	05 46 8.5				197	232	-.6	
		ES	05 46 37.4						4.9	
29	BTY	EP	05 46 11.9				224	243	-.7	
29	TPH	E(P)	05 46 14.1				237	277	-.1	
29	NEL	E(P)	05 46 14.8				238	187	.4	
29	DAC	E(P)	05 46 31.1				323	238	5.9	
.....										
29	5 53	13.79	38.40 N 114.32 W	DEPTH =	15.0 KM					POOR SOLUTION
			PARSNIP PEAK							
29	LEE	EP C	05 53 39.4				154	147	.7	
29	NYC	IP D	05 53 46.8				213	230	.5	
29	CPX	EP	05 53 47.5				224	224	-.2	
29	MCV	IP C	05 53 49.7				247	218	-1.0	
29	LSM	EP	05 53 51.2				253	224	-.3	
		ES	05 54 20.1						.9	
29	BTY	EP C	05 53 54.6				273	233	.5	
29	NEL	E(P)	05 53 57.2				303	189	-.7	
.....										
29	TPH	EP	20 01 31.8							
		ES	20 01 51.0							
29	DAC	EP	20 01 42.7							
		E(S)	20 02 4.3							
29	NYM	IP	20 01 51.0							
29	NYC	IP	20 01 54.1							
29	LSM	EP	20 01 55.9							
.....										
30	6 42	48.67	36.52 N 115.49 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			HAYFORD PEAK							
30	MCV	EP C	06 42 56.2				47	286	-.1	
30	CPX	EP	06 42 59.6				68	313	-.1	
30	LSM	EP	06 43 .8				74	289	.1	
		ES	06 43 9.5						.0	
30	NYC	E(P)	06 43 3.6				92	320	.0	
.....										
30	9 35	18.19	36.73 N 115.38 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			HAYFORD PEAK							
30	MCV	E(P)	09 35 27.2				57	259	-.1	
30	CPX	EP	09 35 28.1				65	291	-.5	
30	LSM	EP	09 35 31.4				80	271	.2	
		ES	09 35 40.7						.0	
30	NYC	E(P)	09 35 31.9				84	304	.2	
30	BTY	E(P)	09 35 38.6				125	279	.2	
.....										

SEISMOLOGICAL BULLETIN

NOV 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
30	13 45	16.12	36.73 N 115.38 W	DEPTH =		5.0 KM	FIXED DEPTH SOLUTION			
HAYFORD PEAK										
30	LSM	E(P)	13 45 29.0				80	271	-.1	
30	NYM	E(P)	13 45 29.3				82	313	-.1	
30	NYC	E(P)	13 45 29.8				84	305	.1	
		ES	13 45 39.6						-.0	
30	BTY	E(P)	13 45 36.6				125	279	.1	
.....										
30	19 57	41.30	36.85 N 116.22 W	DEPTH =		7.4 KM	FREE DEPTH SOLUTION			
LATHROP WELLS										
30	LSM	IP D	19 57 43.5				13	202	-.1	
		ES	19 57 45.4						.1	
30	CPX	E(P)	19 57 44.3				18	58	.0	
30	MCV	E(P)	19 57 46.4				31	140	.0	
30	BTY	EP	19 57 49.2				48	276	.0	
.....										
30	23 22	55.52	37.53 N 113.49 W	DEPTH =		0.0 KM	POCR SOLUTION			
CEDAR CITY										
30	LEE	EP D	23 23 .3				34	163	-.6	
30	ELY	EP	23 23 30.5				216	326	.6	
		ES	23 23 57.7						2.6	
30	NEL	EP	23 23 34.0				236	211	1.5	
30	TPH	E(P)	23 23 43.5				334	281	-1.5	
.....										

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	NYM	IP	07 16 17.8							
		ES	07 16 24.1							
01	NYC	IP.C	07 16 19.0							
01	LSM	EP	07 16 22.8							
.....										
01	8 16 50.76	38.56 N 117.17 W DEPTH = 19.9 KM								FREE DEPTH SOLUTION
		TOIYABE DOME								
01	TPH	IP C	08 17 .1				55	185	.0	
		IS	08 17 17.2						10.3	
01	NYM	E(P)	08 17 17.9				178	146	-.4	
01	NYC	E(P)	08 17 18.0				180	150	-.6	
		ES	08 17 56.4						17.4	
01	BTY	EP	08 17 20.9				189	169	1.1	
01	ELY	E(P)	08 17 22.0				207	72	.0	
01	LSM	E(P)	08 17 22.3				218	159	-1.1	
		ES	08 18 5.1						17.7	
01	CPX	E(P)	08 17 25.7				206	151	3.7	
01	DAC	E(P)	08 17 28.2				257	189	-.3	
.....										
01	10 31 44.12	37.16 N 114.58 W DEPTH = 15.6 KM								FREE DEPTH SOLUTION
		DELAMAR MTS.								
01	LEE	EP	10 32 1.6				107	85	-.1	
01	NYC	EP	10 32 6.3				139	270	-.5	
01	CPX	EP	10 32 6.5				133	260	.7	
01	MCV	E(P)	10 32 6.6				139	246	-.1	
01	LSM	EP	10 32 9.1				158	253	-.4	
		ES	10 32 31.2						3.0	
01	BTY	EP	10 32 13.7				196	262	-.8	
01	ELY	I(P)	10 32 17.8				221	353	.2	
01	DAC	E(P)	10 32 32.0				286	251	6.1	
.....										
01	13 41 15.59	37.24 N 116.29 W DEPTH = 5.0 KM								FIXED DEPTH SOLUTION
		SILENT CANYON								
01	NYC	IP	13 41 17.4				15	130	-.7	
01	NYM	IP D	13 41 18.7				21	94	-.3	
01	NYS	EP	13 41 19.5				26	156	-.2	
		ES	13 41 21.9						-.9	
01	CPX	E(P)	13 41 22.4				40	149	.3	
.....										
01	13 41 44.27	37.24 N 116.28 W DEPTH = 5.0 KM								FIXED DEPTH SOLUTION
		SILENT CANYON								
01	NYC	IP	13 41 46.0				15	131	-.7	
01	NYM	EP D	13 41 47.3				20	94	-.2	
01	NYS	EP	13 41 48.2				26	157	-.2	
		ES	13 41 50.6						-.8	
01	CPX	E(P)	13 41 51.0				40	150	.3	
.....										
02	20 26 31.09	35.73 N 115.98 W DEPTH = 10.0 KM								FIXED DEPTH SOLUTION
		CLARK MTN								
02	MCV	EP	20 26 47.3				101	359	-.2	
02	NEL	E(P)	20 26 47.8				103	91	.0	
02	LSM	E(P)	20 26 49.7				116	347	-.2	
02	CPX	E(P)	20 26 52.6				134	357	-.3	
02	BTY	E(P)	20 26 55.2				148	332	.1	
02	NYS	E(P)	20 26 55.4				146	353	.6	

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	DAC	EP	20 26 56.6				158	293	-0.0	
		ES	20 27 18.3						3.0	
02	NYC	E(P)	20 26 57.0				160	354	-0.0	
02	NYM	E(P)	20 26 58.3				168	358	-0.0	
.....										
02	23 19 16.47	34.24 N	115.83 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION				
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
02	NEL	EP C	23 19 46.7				187	29	-0.0	
		ES	23 20 16.1						7.3	
02	MCV	EP C	23 19 56.9				267	357	-0.0	
02	DAC	IP C	23 19 58.3				278	325	-0.0	
02	LSM	E(P)	23 19 58.8				281	352	-0.0	
02	NYS	E(P)	23 20 2.8				312	354	-0.1	
02	NYC	E(P)	23 20 4.4				326	355	-0.1	
.....										
03	0 19 51.39	35.59 N	117.35 W	DEPTH =	20.0 KM	FIXED DEPTH SOLUTION				
SEARLES LAKE										
03	DAC	EP	00 20 4.5				79	344	-0.0	
		ES	00 20 23.7						9.6	
03	BTY	EP C	00 20 16.0				154	20	-0.1	
03	LSM	E(P)	00 20 16.7				160	37	-0.0	
03	NYC	E(P)	00 20 22.2				204	31	-0.1	
.....										
04	NEL	EP C	03 03 33.0							
04	DAC	E(P)	03 03 38.0							
04	LSM	EP	03 03 48.7							
		ES	03 04 34.9							
04	BTY	E(P)	03 03 51.4							
04	CPX	E(P)	03 03 52.2							
.....										
05	12 58 15.35	37.16 N	116.60 W	DEPTH =	14.3 KM	FREE DEPTH SOLUTION				
THIRSTY CANYON										
05	BTY	EP C	12 58 20.7				33	207	-0.1	
		ES	12 58 25.0						-0.1	
05	NYM	E(P)	12 58 23.3				49	80	-0.1	
05	CPX	E(P)	12 58 23.9				54	117	-0.2	
05	LSM	E(P)	12 58 24.1				55	148	-0.0	
05	MCV	E(P)	12 58 28.1				79	137	-0.1	
.....										
05	TPH	EP	18 37 6.1							
05	NYC	IP C	18 37 7.4							
		ES	18 37 16.4							
05	NYM	EP	18 37 7.5							
05	NYC	E(P)	18 37 9.2							
.....										
06	2 15 10.45	37.27 N	117.85 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION				
MAGRUDER MTN.										
06	BTY	IP C	02 15 27.2				105	113	-0.2	
		ES	02 15 34.7						-5.1	
06	NYC	I(P)	02 15 34.4				151	94	-0.4	
06	LSM	EP	02 15 34.9				152	112	-0.1	
06	NYM	IP	02 15 36.4				159	91	-0.2	
06	CPX	EP	02 15 37.1				163	103	-0.2	
06	MCV	EP	02 15 39.7				179	113	-0.3	
.....										

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	8	1	21.99	37.12 N	115.08 W	DEPTH = 10.0 KM	FIXED DEPTH SOLUTION			
ALAMO										
06	MCV	EP	08 01 37.8				98	237	-.0	
06	LSM	EP	08 01 40.5				115	249	-.0	
		IS	08 01 54.1						-.0	
06	BTY	EP C	08 01 46.5				152	261	-.0	
.....										
06	DAC	IP D	10 56 40.7							
06	BTY	EP	10 56 56.6							
		E(S)	10 57 14.9							
06	LSM	EP	10 56 57.6							
		E(S)	10 57 20.5							
06	MCV	E(P)	10 56 59.9							
06	CPX	E(P)	10 57 1.5							
06	DAC	E(P)	17 16 13.0							
06	LSM	EP	17 16 18.9							
		IS	17 16 39.1							
06	BTY	EP	17 16 22.2							
.....										
06	17	25	54.31	37.71 N	114.91 W	DEPTH = 14.1 KM	FREE DEPTH SOLUTION			
HIGHLAND PEAK										
06	NYM	EP	17 26 13.0				114	242	-.1	
06	NYJ	I(P)	17 26 14.1				123	231	-.1	
06	NYC	IP D	17 26 14.8				126	241	-.0	
06	ELY	E(P)	17 26 19.9				158	1	-.1	
		IS	17 26 38.3						-.2	
06	LSM	EP	17 26 20.5				163	229	-.0	
06	BTY	EP	17 26 23.8				188	242	-.1	
.....										
06	18	48	51.09	37.76 N	114.81 W	DEPTH = 13.4 KM	FREE DEPTH SOLUTION			
HIGHLAND PEAK										
06	CPX	E(P)	18 49 14.4				143	231	-.0	
06	MCV	E(P)	18 49 17.5				164	221	-.0	
06	LSM	EP	18 49 18.6				173	229	-.0	
		IS	18 49 38.8						-.0	
06	BTY	E(P)	18 49 21.9				198	242	-.0	
.....										
07	3	34	5.26	37.12 N	115.60 W	DEPTH = 20.0 KM	FIXED DEPTH SOLUTION			
GROOM LAKE										
07	NYJ	EP	03 34 11.6				35	250	-.1	
07	NYM	EP	03 34 12.8				42	288	-.1	
		I(S)	03 34 26.2						8.1	
07	CPX	EP	03 34 13.7				45	243	-.5	
07	MCV	IP C	03 34 15.8				65	214	-.3	
07	LSM	E(P)	03 34 18.1				74	235	-.6	
07	BTY	EP C	03 34 22.1				106	257	-.7	
.....										
07	4	5	22.36	37.85 N	115.07 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
HIKO										
07	NYM	IP	04 05 40.2				110	232	-.1	
07	NYJ	IP	04 05 42.1				123	221	-.0	
07	NYC	IP	04 05 42.2				123	232	-.1	
		ES	04 05 56.5						-.0	
.....										

SEISMOLOGICAL BULLETIN

QFC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST. (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	0 48	9.76	36.34 N	115.42 W	DEPTH =	0.0 KM	FREE DEPTH SOLUTION			
			LAS VEGAS							
08	LVW	E(P)	00 48 13.7				25	55	-.1	
		ES	00 48 21.0						4.2	
08	NEL	EP C	00 48 20.0				63	125	-.1	
08	MCV	E(P)	00 48 23.3				84	322	-.1	
08	LSM	E(P)	00 48 26.3				110	315	-1.2	
		ES	00 48 44.3						3.8	
08	CPX	E(P)	00 48 28.8				115	330	.5	
08	NYJ	EP C	00 48 29.1				119	335	.1	
08	BTY	EP	00 48 35.1				154	309	.5	
.....										
08	2 11	4.04	37.25 N	114.56 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
			DELAMAR MTS.							
08	LEE	IP C	02 11 21.1				105	90	.2	
08	NYM	EP	02 11 25.4				133	270	-.1	
		ES	02 11 43.3						2.2	
08	NYC	EP	02 11 26.7				142	266	-.3	
		ES	02 11 44.6						.8	
08	LSM	EP	02 11 30.3				163	250	-.2	
08	ELY	EP	02 11 37.8				212	352	-.0	
.....										
08	14 32	29.61	37.13 N	115.91 W	DEPTH =	25.0 KM	FIXED DEPTH SOLUTION			
			GROOM LAKE							
08	NYR	IP	14 32 33.1				18	244	-1.4	
08	NYV	IP	14 32 33.3				7	257	-.4	
08	NYJ	IP	14 32 34.0				14	203	-.2	
08	NYC	IP D	14 32 34.9				22	278	.0	
08	NYS	IP	14 32 34.9				25	245	-.3	
08	NYM	IP C	14 32 35.2				17	313	.8	
08	CPX	IP C	14 32 35.5				25	211	.2	
		ES	14 32 39.0						-.4	
08	LSM	E(P)	14 32 40.7				54	217	1.5	
.....										
09	2 44	46.56	38.53 N	115.70 W	DEPTH =	10.8 KM	FREE DEPTH SOLUTION			
			PORTUGUESE MTN							
09	ELY	IP D	02 45 1.0				90	51	-.1	
09	TPH	IP	02 45 10.5				147	246	.2	
09	NYC	IP	02 45 13.7				169	194	-.1	
09	NYV	E(P)	02 45 14.2				170	189	.1	
09	NYR	IP	02 45 14.9				178	191	-.2	
09	NYJ	IP	02 45 15.4				182	188	-.1	
09	NYS	IP	02 45 15.5				182	193	-.1	
09	CPX	IP C	02 45 16.7				191	190	-.0	
09	BTY	EP	02 45 19.6				214	206	-.1	
09	LSM	EP C	02 45 19.8				216	194	-.1	
09	MCV	EP	02 45 20.4				223	187	-.1	
09	LEE	EP C	02 45 24.9				255	126	-.1	
09	NEL	IP C	02 45 35.0				333	167	.1	
09	LVW	EP D	02 45 35.4				277	170	7.6	
		ES	02 46 11.2						13.2	
.....										
09	NEL	IP C	03 30 53.0							
		IS	03 31 22.3							
09	MCV	EP C	03 31 7.4							
09	LSM	EP	03 31 12.6							

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	DAC	EP	10 22 48.2							
		IS	10 23 24.9							
10	LSM	E(P)	10 22 57.6							
10	BTY	EP	10 22 57.9							
.....										
10	10 42	36.67	38.97 N 117.34 W	DEPTH = 20.0 KM						FIXED DEPTH SOLUTION
			TOIYABE DOME							
10	TPH	IP C	10 42 51.4				89	173	.1	
		IS	10 43 8.1						6.0	
10	ELY	IP C	10 43 8.8				214	81	.0	
		ES	10 43 46.5						14.2	
10	NYM	EP	10 43 8.9				214	148	.0	
10	LSM	E(P)	10 43 14.0				255	158	-.1	
.....										
12	2 16	25.21	36.78 N 116.13 W	DEPTH = 30.3 KM						FREE DEPTH SOLUTION
			LATHROP WELLS							
12	CPX	EP	02 16 30.8				19	21	-.0	
12	MCV	EP	02 16 30.8				20	143	-.1	
12	LSM	EP	02 16 30.9				14	253	.4	
		ES	02 16 34.0						-.3	
12	BTY	IP C	02 16 35.5				58	283	-.1	
.....										
12	9 52	5.40	37.33 N 116.00 W	DEPTH = 11.7 KM						FREE DEPTH SOLUTION
			SILENT CANYON							
12	NYC	IP C	09 52 9.5				23	216	.0	
		ES	09 52 12.5						.0	
12	NYR	EP	09 52 10.7				31	195	.0	
12	NYC	EP	09 52 11.4				36	205	.0	
.....										
12	BTY	EP	17 52 17.5							
		IS	17 53 10.2							
12	TPH	E(P)	17 52 52.2							
12	NYC	IP C	17 52 58.7							
12	NYM	E(P)	17 52 59.8							
12	LSM	EP	17 53 3.4							
		ES	17 53 21.0							
12	DAC	E(P)	17 53 6.8							
.....										
12	20 54	55.17	36.58 N 115.15 W	DEPTH = 0.0 KM						FREE DEPTH SOLUTION
			HAYFORD PEAK							
12	MCV	E(P)	20 55 7.5				76	274	.1	
12	CPX	E(P)	20 55 9.7				89	296	.1	
12	LSM	I(P)	20 55 11.0				102	280	-.6	
		ES	20 55 23.9						.2	
12	NEL	E(P)	20 55 11.5				101	164	.0	
12	BTY	E(P)	20 55 19.4				148	284	.3	
.....										
13	5 4	18.50	34.03 N 117.60 W	DEPTH = 0.0 KM						FIXED DEPTH SOLUTION
										Earthquake Not in the Southern Nevada Region.
13	DAC	E(P)	05 04 57.5				250	0	.2	
		ES	05 05 34.3						8.7	
13	NEL	E(P)	05 05 5.4				313	53	-.1	
13	BTY	E(P)	05 05 6.3				327	13	-.9	
13	LSM	EP	05 05 7.5				324	21	.7	
		ES	05 05 53.0						10.8	
.....										

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
13	5	12	39.82	32.99 N	118.15 W	DEPTH = 5.0 KM				FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE
										SOUTHERN NEVADA REGION
13	DAC	E(P)	05 13 33.6				369	8	.2	
		ES	05 14 9.0						-3.6	
13	NEL	IP C	05 13 41.1				429	44	.0	
		ES	05 14 26.0						.0	
13	LSM	EP	05 13 43.4				451	22	-.4	
13	BTY	E(P)	05 13 43.7				452	16	-.4	
13	MCV	E(P)	05 13 43.7				450	25	-.1	
13	CPX	E(P)	05 13 48.0				478	23	.6	
.....										
14	0	33	25.30	39.12 N	118.37 W	DEPTH = 0.0 KM				FIXED DEPTH SOLUTION
										EARTHQUAKE NOT IN THE
										SOUTHERN NEVADA REGION
14	TPH	EP C	00 33 48.4				145	136	-.3	
		E(S)	00 34 6.1						.2	
14	TSV	I(P)	00 33 59.2				212	115	.1	
14	NYR	EP	00 34 9.7				296	137	-.3	
14	ELY	I(P)	00 34 10.6				301	87	.0	
14	LSM	EP C	00 34 12.7				313	143	.5	
.....										
14	11	1	45.42	36.22 N	117.85 W	DEPTH = 0.0 KM				FIXED DEPTH SOLUTION
				DARWIN						
14	DAC	IP D	11 01 48.8				24	74	-.4	
		IS	11 01 51.8						-.1	
14	BTY	E(P)	11 02 5.3				123	52	.0	
14	LSM	EP	11 02 10.3				152	67	.3	
.....										
14	18	50	30.24	37.12 N	115.16 W	DEPTH = 15.0 KM				FIXED DEPTH SOLUTION
				SILENT CANYON						
14	NYS	IP	18 50 32.1				10	182	-.9	
14	NYR	IP	18 50 32.8				10	139	-.2	
14	NYC	IP D	18 50 32.9				4	12	.3	
14	NYJ	IP	18 50 34.5				21	127	.2	
		ES	18 50 37.5						.2	
14	CPX	E(P)	18 50 34.5				23	155	-.1	
14	LSM	E(P)	18 50 38.3				44	193	.6	
.....										
14	19	31	5.74	36.65 N	116.39 W	DEPTH = 0.0 KM				FIXED DEPTH SOLUTION
				LATHROP WELLS						
14	LSM	IP C	19 31 8.1				14	45	.1	
		I(S)	19 31 9.1						-.5	
14	MCV	IP C	19 31 11.0				35	93	-.4	
14	CPX	E(P)	19 31 14.3				44	44	1.6	
14	NYC	E(P)	19 31 14.6				60	21	-.8	
.....										
15	1	35	49.71	35.80 N	115.80 W	DEPTH = 0.0 KM				FREE DEPTH SOLUTION
				CLARK MTN						
15	LVH	IP	01 36 .9				69	53	.1	
15	NEL	EP	01 36 3.5				86	96	-.2	
15	MCV	IP	01 36 5.0				95	349	.0	
15	LSM	EP	01 36 8.0				113	338	-.0	
		ES	01 36 21.0						-.4	

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 15	CPX	E(P)	01 36 10.6				128	350	.2	
. 15	BTY	E(P)	01 36 14.0				150	325	.0	
.....										
. 16	1	9 38.78	36.34 N 116.72 W	DEPTH =	5.0 KM					FIXED DEPTH SOLUTION
			FURNACE CREEK							
. 16	LSM	IP C	01 09 48.0				59	42	-.3	
. 16	BTY	E(P)	01 09 48.4				61	356	-.3	
		ES	01 09 56.8						.9	
. 16	MCV	E(P)	01 09 50.4				72	63	.0	
. 16	DAC	EP C	01 09 51.5				79	265	-.0	
. 16	CPX	E(P)	01 09 52.8				88	42	-.2	
. 16	NYS	E(P)	01 09 53.3				91	32	-.1	
. 16	NYC	E(P)	01 09 55.5				103	29	.1	
. 16	NEL	EP	01 10 8.7				183	112	.3	
.....										
. 16	16 36 24.71	37.16 N 116.10 W	DEPTH =	15.0 KM						FIXED DEPTH SOLUTION
			SILENT CANYON							
. 16	NYC	EP	16 36 27.1				5	270	-.0	
. 16	NYR	EP	16 36 27.9				11	176	.3	
. 16	CPX	EP C	16 36 29.0				25	171	-.3	
. 16	LSM	I(P)	16 36 33.1				49	199	.2	
		E(S)	16 36 53.4						14.5	
. 16	BTY	E(P)	16 36 35.5				66	244	-.1	
.....										
. 17	0 20 50.80	37.78 N 115.09 W	DEPTH =	0.0 KM						FIXED DEPTH SOLUTION
			HIKO							
. 17	NYV	I(P)	00 21 9.4				100	227	1.1	
. 17	NYC	EP	00 21 9.7				117	234	.0	
. 17	NYJ	I(P)	00 21 9.7				116	223	.1	
. 17	NYS	E(P)	00 21 11.1				126	229	-.1	
. 17	CPX	EP	00 21 11.4				127	223	.0	
. 17	MCV	E(P)	00 21 14.2				151	213	-1.0	
. 17	ELY	E(P)	00 21 15.6				152	7	.4	
		ES	00 21 33.7						.6	
. 17	LSM	EP	00 21 16.1				156	223	-.0	
		ES	00 21 35.9						1.2	
. 17	LEE	EP	00 21 16.7				163	111	-.5	
. 17	BTY	EP	00 21 18.0				178	237	-1.6	
. 17	TPH	EP D	00 21 20.0				190	280	-1.5	
. 17	NEL	E(P)	00 21 27.3				231	174	.1	
. 17	DAC	E(P)	00 21 36.9				278	234	3.7	
.....										
. 18	4 52 28.17	37.77 N 115.07 W	DEPTH =	10.0 KM						FIXED DEPTH SOLUTION
			HIKO							
. 18	NYJ	IP C	04 52 46.9				117	224	-.2	
. 18	NYR	EP C	04 52 47.9				120	229	.2	
. 18	CPX	E(P)	04 52 49.0				128	223	.1	
. 18	ELY	I(P)	04 52 53.0				152	6	.2	
		ES	04 53 10.3						-.5	
. 18	LSM	EP	04 52 53.2				157	223	-.4	
. 18	LEE	EP C	04 52 54.3				161	111	.0	
. 18	TPH	EP	04 52 58.7				192	281	.3	
		IS	04 53 22.7						2.1	
.....										

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
18	4 57	2.10	37.30 N 115.01 W	DEPTH =	0.0 KM					FREE DEPTH SOLUTION
			HIKQ							
18	NYJ	EP	04 57 21.7				122	225	-.1	
18	NYC	E(P)	04 57 22.2				124	235	.2	
18	NYR	EP	04 57 22.7				126	230	.2	
18	CPX	EP	04 57 23.6				133	224	-.0	
18	MCV	E(P)	04 57 27.9				156	215	.5	
18	LSM	IP	04 57 28.2				163	224	-.2	
		ES	04 57 47.5						-.2	
18	BTY	E(P)	04 57 31.7				185	238	-.3	
18	TPH	EP	04 57 33.7				197	280	-.2	
		IS	04 57 57.5						.4	
.....										
18	10 57	.60	35.55 N 117.44 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
			SEARLES LAKE							
18	QAC	IP C	10 57 13.0				82	350	-.7	
		IS	10 57 30.3						6.9	
18	BTY	EP	10 57 26.2				161	22	-.5	
18	LSM	EP	10 57 28.5				168	38	.6	
18	NYC	E(P)	10 57 33.9				212	33	-.6	
18	NEL	EP C	10 57 37.4				236	85	-.2	
18	TPH	EP	10 57 45.6				281	4	2.3	
.....										
18	TPH	IP C	12 50 3.3							
		IS	12 50 14.3							
18	NYC	E(P)	12 50 4.0							
18	NYS	EP	12 50 7.3							
18	BTY	E(P)	12 50 10.6							
18	LSM	EP	12 50 12.3							
.....										
18	22 54	55.54	39.56 N 115.82 W	DEPTH =	0.0 KM					FIXED DEPTH SOLUTION
			SEARLES LAKE							
18	ELY	IP	22 55 11.1				99	126	-.3	
		IS	22 55 23.5						.5	
18	TSV	IP	22 55 22.1				165	191	-.1	
		ES	22 55 41.5						-.2	
18	TPH	EP C	22 55 29.9				214	215	.2	
.....										
19	5 20	25.59	36.13 N 114.82 W	DEPTH =	15.0 KM					FIXED DEPTH SOLUTION
			HOOVER DAM							
19	NEL	IP D	05 20 31.4				35	184	-.3	
		IS	05 20 36.5						.4	
19	MCV	E(P)	05 20 45.9				126	303	-.2	
19	LSM	EP D	05 20 50.7				153	301	.2	
19	PRN	E(P)	05 20 51.3				159	352	.1	
.....										
19	5 26	.31	36.34 N 114.80 W	DEPTH =	10.0 KM					FIXED DEPTH SOLUTION
			HOOVER DAM							
19	NEL	IP D	05 26 6.1				37	187	-.3	
		IS	05 26 11.2						.4	
19	MCV	E(P)	05 26 20.7				127	302	-.1	
19	LSM	EP D	05 26 25.4				154	301	.1	
19	PRN	E(P)	05 26 26.0				158	351	.1	
.....										

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER. (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
19	22 32	16.78	33.79 N	116.05 W	DEPTH = 10.0 KM			FIXED DEPTH SOLUTION		
EARTHQUAKE NOT IN THE SOUTHERN NEVADA REGION										
19	NEL	IP D	22 32 53.4				241	27	.0	
		I(S)	22 33 17.3						-2.9	
19	OAC	EP	22 33 2.3				310	333	-0.0	
19	MCV	EP	22 33 3.1				316	1	-0.0	
19	LSM	EP	22 33 4.7				329	356	.0	
		ES	22 33 48.2						8.4	
19	PRN	EP D	22 33 15.8				416	12	-0.0	
.....										
.....										
19	23 4	19.46	36.31 N	114.93 W	DEPTH = 11.2 KM			FREE DEPTH SOLUTION		
HOOVER DAM										
19	NEL	IP D	23 04 30.6				67	173	.1	
19	CPX	EP	23 04 39.3				122	305	.1	
19	PRN	E(P)	23 04 39.4				126	355	-0.5	
		ES	23 04 55.5						.6	
19	LSM	EP	23 04 40.3				129	292	-0.1	
19	BTY	EP	23 04 47.7				176	292	.0	
.....										
.....										
20	7 5	39.22	37.37 N	119.39 W	DEPTH = 5.0 KM			FIXED DEPTH SOLUTION		
BLANCO MTN.										
20	TPH	EP	07 05 59.2				129	53	-0.8	
20	DAC	EP C	07 06 1.9				141	150	-0.1	
20	BTY	IP C	07 06 4.1				154	110	-0.0	
20	LSM	IP	07 06 10.6				200	110	-0.6	
		ES	07 06 41.2						6.6	
20	NYC	IP	07 06 11.8				199	96	.8	
20	ISV	EP	07 06 13.8				216	64	.7	
.....										
.....										
20	18 11	10.39	35.95 N	117.81 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION		
LITTLE LAKE										
20	DAC	IP D	18 11 15.5				41	28	-2.6	
20	BTY	IP C	18 11 31.8				141	41	-0.9	
20	LSM	IP C	18 11 35.9				163	57	.4	
		ES	18 11 54.7						.7	
20	NYC	I(P)	18 11 40.3				200	47	.1	
20	TPH	EP C	18 11 49.1				242	12	3.5	
.....										
.....										
21	0 52	34.88	35.81 N	117.68 W	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION		
LITTLE LAKE										
21	DAC	IP D	00 52 41.9				52	8	-1.3	
21	BTY	IP C	00 52 58.2				145	34	-0.2	
21	LSM	E(P)	00 53 1.2				162	50	.0	
		ES	00 53 20.9						.5	
21	NYS	EP	00 53 6.4				191	45	.5	
		ES	00 53 28.1						-0.5	
21	NEL	E(P)	00 53 14.1				256	92	-0.4	
21	TPH	I(P)	00 53 15.6				255	9	1.4	
.....										

SEISMOLOGICAL BULLETIN

DEC	STA	PHASE	TIME	AMP	PER	MAG	DIST	AZI	RES	REMARKS
1972			(GMT)	(MU)	(SEC)		(KM)	(DEG)	(SEC)	
21	2 37	54.62	35.93 N 117.76 W	DEPTH = 11.3 KM			FREE DEPTH SOLUTION			
			LITTLE LAKE							
21	DAC	IP D	02 38 1.4				42	21	-.1	
		E(S)	02 38 6.2						-.3	
21	BTY	IP C	02 38 17.6				140	39	.3	
21	LSM	IP D	02 38 20.8				161	55	.1	
21	CPX	IP D	02 38 24.3				189	53	-.2	
21	NYC	IP D	02 38 25.4				198	46	-.2	
21	NYJ	EP D	02 38 25.7				200	53	-.2	
21	LVW	E(P)	02 38 30.4				233	83	.2	
		ES	02 39 3.2						7.0	
21	TPH	IP D	02 38 31.6				243	11	.2	
21	MCV	EP	02 38 32.9				176	63	10.0	
21	NEL	IP C	02 38 33.6				264	94	-.5	
21	TSV	EP	02 38 37.2				290	29	-.1	
21	2 50	6.27	35.91 N 117.80 W	DEPTH = 5.0 KM			FREE DEPTH SOLUTION			
			LITTLE LAKE							
21	DAC	IP D	02 50 13.5				45	25	.0	
		I(S)	02 50 18.5						-.2	
21	BTY	IP C	02 50 29.8				144	40	.3	
21	LSM	EP C	02 50 33.1				165	56	.1	
21	MCV	EP	02 50 35.3				181	63	-.3	
21	CPX	IP C	02 50 36.8				193	54	-.5	
21	NYC	I(P)	02 50 37.9				202	45	-.5	
21	NYS	I(P)	02 50 38.2				192	49	1.0	
		ES	02 50 59.9						.1	
21	TPH	E(P)	02 50 43.9				246	12	-.1	
21	2 56	41.59	36.34 N 117.62 W	DEPTH = 3.0 KM			FREE DEPTH SOLUTION			
			DARWIN							
21	DAC	IP D	02 56 42.7				7	162	.1	
21	BTY	IP C	02 56 59.0				98	51	1.5	
21	LSM	EP	02 57 2.2				128	69	-.1	
21	MCV	EP	02 57 4.7				149	77	-.9	
21	CPX	EP	02 57 5.9				155	64	-.7	
21	NYC	EP	02 57 6.9				159	55	-.4	
21	NYS	IP	02 57 7.3				151	59	1.3	
		ES	02 57 29.0						5.2	
21	TPH	EP	02 57 12.9				196	10	-.4	
21	DAC	IP D	03 23 55.6							
		IS	03 24 .6							
21	BTY	EP	03 24 12.5							
21	LSM	EP	03 24 15.4							
21	DAC	IP D	03 49 5.4							
		IS	03 49 10.3							
21	BTY	EP	03 49 21.8							
21	LSM	EP	03 49 25.3							
21	5 15	53.22	35.95 N 117.74 W	DEPTH = 12.2 KM			FREE DEPTH SOLUTION			
			LITTLE LAKE							
21	DAC	IP D	05 15 59.4				38	20	-.2	
		I(S)	05 16 4.3						-.0	
21	BTY	IP C	05 16 15.7				136	40	.3	
21	LSM	IP	05 16 18.9				158	56	-.0	
21	MCV	IP D	05 16 21.3				174	64	.3	

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 21	NYS	E(P)	05 16 22.3				185	49	-.1	
. 21	CPX	EP	05 16 22.4				186	54	-.2	
. 21	NYR	EP	05 16 23.3				192	50	-.0	
. 21	NYC	EP	05 16 23.5				195	46	-.2	
. 21	NYJ	EP	05 16 24.0				197	53	.0	
. 21	TPH	EP	05 16 29.7				240	11	.2	
.....										
. 21	6 56 11.04	36.09 N 117.93 W	DEPTH = 15.0 KM	FIXED DEPTH SOLUTION						
		DARWIN								
. 21	DAC	IP D	06 56 16.7				37	56	-.6	
		ES	06 56 21.7						-.3	
. 21	BTY	EP	06 56 33.0				137	49	-.4	
. 21	LSM	E(P)	06 56 37.0				165	64	-.4	
. 21	NYC	I(P)	06 56 42.6				198	53	1.0	
.....										
. 21	DAC	IP D	06 58 23.7							
		ES	06 58 28.8							
. 21	BTY	EP	06 58 40.1							
. 21	LSM	EP	06 58 43.5							
. 21	NYC	E(P)	06 58 49.7							
.....										
. 21	7 1 33.37	36.23 N 119.16 W	DEPTH = 25.4 KM	FREE DEPTH SOLUTION						
		KERN PEAK								
. 21	DAC	IP D	07 01 40.2				51	84	-2.3	
		IS	07 01 45.2						-4.1	
. 21	BTY	EP	07 01 56.5				145	59	.3	
. 21	LSM	E(P)	07 02 0.0				178	71	-.4	
.....										
. 21	7 2 31.38	35.93 N 117.80 W	DEPTH = 5.2 KM	FREE DEPTH SOLUTION						
		LITTLE LAKE								
. 21	DAC	IP D	07 02 38.1				42	26	-.1	
		IS	07 02 43.1						-.0	
. 21	BTY	EP	07 02 54.4				141	41	.1	
. 21	LSM	EP	07 02 57.7				163	56	-.1	
. 21	NYC	E(P)	07 03 3.2				200	47	-.0	
.....										
. 21	7 22 12.37	36.09 N 117.96 W	DEPTH = 15.0 KM	FIXED DEPTH SOLUTION						
		DARWIN								
. 21	DAC	IP D	07 22 18.1				39	59	-.9	
		ES	07 22 23.1						-.8	
. 21	BTY	E(P)	07 22 34.6				139	50	-.5	
. 21	LSM	EP	07 22 38.6				167	64	-.5	
. 21	NYC	E(P)	07 22 44.1				200	53	.9	
.....										
. 21	10 31 27.09	35.92 N 117.75 W	DEPTH = 11.1 KM	FREE DEPTH SOLUTION						
		LITTLE LAKE								
. 21	DAC	IP D	10 31 33.9				42	19	-.1	
		I(S)	10 31 38.8						-.3	
. 21	BTY	IP C	10 31 50.1				140	39	.3	
. 21	LSM	IP D	10 31 53.2				160	55	.1	
. 21	MCV	IP	10 31 55.7				176	63	.4	
. 21	CPX	EP	10 31 56.8				189	53	-.1	
. 21	NYC	IP D	10 31 57.8				198	46	-.3	
. 21	TPH	IP D	10 32 4.1				244	11	.2	

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	NEL	IP	10 32 6.2				263	94	-.3	
21	DAC	I(P)	10 41 13.9							
		I(S)	10 41 18.8							
21	BTY	E(P)	10 41 30.2							
21	LSM	E(P)	10 41 33.0							
21	DAC	IP D	10 44 5.7							
		IS	10 44 10.6							
21	BTY	EP	10 44 22.1							
21	LSM	EP	10 44 24.9							
21	11 26 5.01		35.95 N 117.81 W				8.4 KM			FREE DEPTH SOLUTION LITTLE LAKE
21	DAC	IP D	11 26 11.7				42	28	-.1	
		IS	11 26 16.7						-.0	
21	BTY	EP	11 26 28.1				141	41	.2	
21	LSM	EP	11 26 31.4				163	57	-.1	
21	NYC	E(P)	11 26 36.5				230	47	-.0	
21	DAC	IP D	11 33 47.6							
		I(S)	11 33 52.6							
21	BTY	EP	11 34 3.9							
21	LSM	EP	11 34 7.3							
21	NYC	E(P)	11 34 12.5							
21	TPH	E(P)	11 34 21.4							
22	1 8 40.93		36.01 N 117.82 W				15.0 KM			FIXED DEPTH SOLUTION DARWIN
22	DAC	IP D	01 08 46.8				36	34	-.3	
		ES	01 08 51.7						.0	
22	BTY	EP	01 09 3.2				136	44	.1	
22	LSM	E(P)	01 09 6.4				160	59	-.3	
22	NYC	E(P)	01 09 11.8				196	49	.5	
22	1 55 57.96		36.23 N 117.94 W				20.0 KM			FIXED DEPTH SOLUTION DARWIN
22	DAC	IP D	01 56 3.1				32	80	-.8	
		IS	01 56 8.0						-.3	
22	BTY	E(P)	01 56 19.4				120	55	.4	
22	LSM	EP	01 56 22.6				160	69	-.6	
22	MCV	E(P)	01 56 26.5				180	75	.7	
22	DAC	IP D	02 37 10.1							
		I(S)	02 37 15.1							
22	BTY	EP	02 37 26.4							
22	LSM	E(P)	02 37 29.5							
22	NYS	E(P)	02 37 34.7							
22	DAC	IP D	02 37 51.1							
		I(S)	02 37 56.1							
22	BTY	EP	02 38 7.4							
22	LSM	EP	02 38 10.9							
22	NYS	E(P)	02 38 15.6							

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
22	11 28	29.82	33.75 N	116.83 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
							EARTHQUAKE NOT IN THE			
							SOUTHERN NEVADA REGION			
22	NEL	IP C	11 29 12.5				284	39	.0	
22	DAC	IP D	11 29 13.2				290	346	.0	
22	MCV	EP	11 29 18.5				330	13	.2	
		ES	11 29 57.8						3.9	
22	LSM	EP	11 29 19.0				336	8	-.2	
		ES	11 29 58.3						2.9	
22	LEE	EP C	11 29 40.0				499	38	-.0	
.....										
23	0 41	41.19	36.78 N	115.94 W	DEPTH =	9.1 KM	FREE DEPTH SOLUTION			
							MERCURY			
23	MCV	E(P)	00 41 44.2				17	197	-.0	
23	CPX	EP C	00 41 44.6				20	329	-.0	
		ES	00 41 47.1						.0	
23	LSM	E(P)	00 41 46.2				30	262	-.0	
.....										
23	11 58	.03	37.43 N	115.00 W	DEPTH =	15.0 KM	FIXED DEPTH SOLUTION			
							DELMAR MTS.			
23	MCV	EP	11 58 20.1				126	226	-.4	
23	LSM	IP D	11 58 22.0				137	236	-.4	
		IS	11 58 40.2						1.4	
23	TSV	EP	11 58 22.4				135	310	.5	
23	LEE	E(P)	11 58 23.9				145	98	.3	
23	BTY	IP C	11 58 26.0				168	250	-.8	
23	TPH	E(P)	11 58 31.6				209	291	-.4	
23	NYR	E(P)	11 58 46.9				106	247	29.6 - Error - correct	secs. = 16.9
23	CPX	E(P)	11 58 47.4				109	240	29.6 - Error - correct	secs. = 17.4
.....										
25	16 24	41.99	36.14 N	117.72 W	DEPTH =	5.0 KM	FIXED DEPTH SOLUTION			
							DARWIN			
25	DAC	IP D	16 24 44.6				19	36	-.4	
		I(S)	16 24 50.6						3.3	
25	BTY	EP	16 25 1.9				120	45	.5	
		ES	16 25 19.0						3.4	
25	LSM	E(P)	16 25 5.4				145	62	-.1	
25	TPH	EP	16 25 16.4				220	11	.1	
.....										
27	15 10	8.83	37.12 N	116.96 W	DEPTH =	25.0 KM	FIXED DEPTH SOLUTION			
							THIRSTY CANYON			
27	BTY	EP	15 10 14.5				31	145	-.7	
27	NYC	IP C	15 10 21.2				71	87	.2	
		ES	15 10 29.3						-.6	
27	LSM	EP	15 10 22.2				74	125	.8	
.....										
27	15 27	49.25	37.13 N	116.93 W	DEPTH =	0.0 KM	FIXED DEPTH SOLUTION			
							THIRSTY CANYON			
27	BTY	IP D	15 27 53.7				30	150	-.4	
		I(S)	15 27 57.5						-.1	
27	NYC	EP	15 28 .1				69	87	-.2	
27	NYS	EP D	15 28 .2				69	99	-.1	
27	LSM	EP	15 28 .8				73	126	-.2	

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	NYR	EP	15 28 1.2				75	96	-.2	
27	CPX	EP	15 28 2.2				81	105	-.1	
		ES	15 28 12.2						.3	
27	NYJ	E(P)	15 28 3.1				86	99	-.1	
27	TPH	EP	15 28 6.6				108	346	-.0	
27	DAC	IP C	15 28 7.2				112	212	-.1	
27	TSV	EP D	15 28 11.4				137	29	.1	
27	NEL	EP	15 28 28.8				245	129	1.4	
.....										
27	15 31 52.67		37.12 N 116.97 W				DEPTH = 25.0 KM			FIXED DEPTH SOLUTION
			THIRSTY CANYON							
27	BTY	IP D	15 31 58.4				31	145	-.6	
27	NYC	IP C	15 32 5.1				72	87	.2	
		ES	15 32 13.3						-.6	
27	LSM	EP	15 32 6.1				75	125	.8	
.....										
27	DAC	EP C	19 24 19.1							
		ES	19 24 47.7							
27	NEL	EP	19 24 25.2							
27	LSM	EP	19 24 26.5							
27	BTY	EP C	19 24 27.5							
27	DAC	IP C	23 29 43.7							
		IS	23 29 48.1							
27	BTY	E(P)	23 30 1.8							
		ES	23 30 25.0							
27	LSM	E(P)	23 30 5.2							
28	DAC	EP	02 16 25.2							
		IS	02 16 39.2							
28	BTY	E(P)	02 16 43.1							
28	LSM	EP	02 16 47.2							
.....										
28	10 54 51.22		37.22 N 117.20 W				DEPTH = 2.3 KM			FREE DEPTH SOLUTION
			MT. JACKSON							
28	BTY	IP D	10 54 58.5				53	133	-1.2	
28	NYC	IP	10 55 5.4				93	94	-.7	
		ES	10 55 13.5						-3.6	
28	LSM	I(P)	10 55 6.3				98	123	-.7	
.....										
30	12 2 31.55		36.85 N 115.91 W				DEPTH = 4.7 KM			FREE DEPTH SOLUTION
			MERCURY							
30	CPX	IP C	12 02 33.4				16	304	-.2	
		ES	12 02 35.5						.1	
30	NYJ	IP C	12 02 34.0				18	341	.0	
		ES	12 02 36.2						.1	
30	NYR	E(P)	12 02 35.6				28	324	.1	
30	NYS	IP	12 02 35.9				30	311	-.0	
30	LSM	E(P)	12 02 36.8				35	249	.1	MAY BE EARLY
30	NYC	EP	12 02 37.4				40	327	-.0	
.....										
31	7 21 57.68		37.23 N 114.96 W				DEPTH = 0.0 KM			FIXED DEPTH SOLUTION
			DELMAR MTS.							
31	NYJ	E(P)	07 22 12.6				93	255	-.2	
31	NYC	E(P)	07 22 14.3				106	266	-.5	
31	LSM	I(P)	07 22 18.2				129	246	-.4	
		ES	07 22 35.0						1.1	

SEISMOLOGICAL BULLETIN

DEC 1972	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 31	LEE	E(P)	07 22 20.4				140	89	.0	.
. 31	BTY	E(P)	07 22 24.6				165	258	.2	.
. 31	ELY	E(P)	07 22 31.8				212	2	.3	.

.....

APPENDIX B

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : LONGCHAMPS
 Date : April 19, 1972
 Type : Nuclear
 Time (GMT) : 16 32 00.0
 Latitude (north) : 37°07'18.98"
 Longitude (west) : 116°05'01.82"
 Elev. of Shot (meters) : 976.9
 ** Magnitude : $m_b = 4.60$

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYR	IPC	16 32 01.7	
NYJ	IPC	16 32 03.3	
CPX	IP	16 32 04.4	
LSM	IPC	16 32 08.1	
SMN	IPC	16 32 11.2	
BTY	IPC	16 32 11.6	
LVN	E(P)	16 32 24.7	

Last collapse time at approximately 18 44 GMT on April 19, 1972

Event : PRE-MINE DUST
 Date : May 10, 1972
 *Type : HE
 Time (GMT) : 12 00 00
 Latitude (north) : 37°00'37.44"
 Longitude (west) : 116°12'06.84"
 Elev. of Shot (meters) : 1335.0
 Magnitude : None Computed

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYS	IPC	12 00 01.5	
NYR	EP	12 00 03.2	
CPX	IPC	12 00 04.0	
NYC	IPC	12 00 04.0	
NYJ	E(P)	12 00 04.6	
NYM	EP	12 00 05.8	
LSM	E(P)	12 00 06.9	
BTY	E(P)	12 00 10.3	

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : ZINNIA
 Date : May 17, 1972
 Type : Nuclear
 Time (GMT) : 14 10 00.16
 Latitude (north) : 37°07'14.00"
 Longitude (west) : 116°05'16.42"
 Elev. of Shot (meters) : 981.2
 **Magnitude : $M_L = 4.34$

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYR	IPC	14 10 01.6	
NYV	IPC	14 10 02.0	
NYJ	IPC	14 10 03.3	
CPX	IPC	14 10 04.3	
LSM	IPC	14 10 08.0	
MCV	E(P)	14 10 10.7	
SMN	IP	14 10 11.1	
BTY	IPC	14 10 11.5	
ALA	IPC	14 10 16.5	
TSV	IPC	14 10 20.8	

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : MONERO
 Date : May 19, 1972
 Type : Nuclear
 Time (GMT) : 17 00 00.05
 Latitude (north) : 37°03'52.93"
 Longitude (west) : 116°00'06.29"
 Elev. of shot (meters) : 736.1
 ** Magnitude : $M_L = 4.49$

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYV	I(P)	17 00 01.1	
NYJ	I(P)	17 00 01.4	
NYR	IPC	17 00 01.7	
CPX	IPC	17 00 03.0	
NYM	I(P)	17 00 03.5	
NYS	I(P)	17 00 05.9	
LSM	IPC	17 00 07.4	
MCV	E(P)	17 00 08.7	
SMN	IP	17 00 12.0	
BTY	IPC	17 00 12.0	
ALA	IPC	17 00 15.9	
TSV	IP	17 00 21.5	

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC EVENTS

Event : POST MINE THROW I - No. 1
 Date : May 22, 1972
 *Type : H. E.
 Time (GMT) : 23 28 56
 Latitude (north) : 37°07'16"
 Longitude (west) : 116°19'51"
 Elev. of Shot (meters) : 1567.0
 Magnitude : None Computed

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYR	IPC	23 28 54.5	
NYC	IPC	23 28 58.3	
NYS	IPC	23 28 58.8	
NYM	IPC	23 29 00.1	
NYV	IP	23 29 00.9	
CPX	EPC	23 29 01.2	
NYJ	IPC	23 29 01.3	
SMN	IP	23 29 02.8	
LSM	IPC	23 29 03.1	
BTY	IPC	23 29 03.7	
MCV	E(P)	23 29 06.3	
TSV	IPC	23 29 16.4	
TPH	IP	23 29 18.3	
DAC	EPC	23 29 20.4	
NEL	E(P)	23 29 29.9	
LSM	IP	23 21 01.1	Acoustic Wave

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : POST MINE THROW 1 - No. 2
 Date : May 23, 1972
 *Type : H. E.
 Time (GMT) : 22 15 38
 Latitude (north) : 37° 07' 16"
 Longitude (west) : 116° 19' 51"
 Elev. of Shot (meters) : 1567.0
 Magnitude : None Computed

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYC	IPC	22 15 39.7	
NYR	IPC	22 15 41.0	
NYM	IPC	22 15 41.5	
NYV	IP	22 15 42.3	
CPX	EP	22 15 42.7	
NYJ	I(P)	22 15 42.8	
LSM	I(P)	22 15 44.7	
BTY	IPC	22 15 45.2	
MCV	E(P)	22 15 49.0	
ALA	EP	22 15 57.0	
TPH	EP	22 15 59.6	
DAC	E(P)	22 16 01.9	
NEL	E(P)	22 16 11.2	
LSM	IP	22 17 45.3	Acoustic Wave

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : POST MINE THROW 1 - No. 3
 Date : May 24, 1972
 *Type : H. E.
 Time(GMT) : 21 21 19
 Latitude (north) : 37°07'16"
 Longitude (west) : 116°19'51"
 Elev. of Shot (meters) : 1567.0
 Magnitude : None computed

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYC	IPC	21 21 21.2	
NYS	IPC	21 21 21.8	
NYR	I(P)	21 21 22.5	
NYM	IPC	21 21 23.2	
NYV	EP	21 21 23.8	
NYJ	I(P)	21 21 24.3	
CPX	I(P)	21 21 24.5	
LSM	EP	21 21 26.0	
BTY	IPC	21 21 26.6	
ALA	IPC	21 21 38.5	
TSV	EP	21 21 39.3	
TPH	EP	21 21 41.1	
DAC	E(P)	21 21 43.3	
NEL	E(P)	21 21 52.7	
LSM	IP	21 23 27.1	Acoustic Wave

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : POST MINE THROW 1 - No. 4
 Date : May 25, 1972
 *Type : H. E.
 Time (GMT) : 20 30 59
 Latitude (north) : 37°07'16"
 Longitude (west) : 116°19'51"
 Elev. of Shot (meters) : 1567.0
 Magnitude : None Computed

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYC	IPC	20 31 01.0	
NYS	IPC	20 31 01.5	
NYR	EPC	20 31 02.2	
NYM	EPC	20 31 02.9	
NYJ	E(P)	20 31 04.0	
CPX	EP	20 31 04.3	
SMN	EP	20 31 05.5	
LSM	EP	20 31 05.8	
BTY	IPC	20 31 06.4	
ALA	EPC	20 31 18.4	
TSV	IP	20 31 19.1	
TPH	EP	20 31 21.0	
DAC	E(P)	20 31 23.0	
NEL	E(P)	20 31 32.5	
NYS	IPD	20 31 48.4	
NYR	IP	20 32 03.2	
NYM	IP	20 32 18.1	
LSM	IP	20 33 06.2	
			Acoustic Wave

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : POST MINE THROW 1 - No. 5
 Date : May 26, 1972
 * Type : H. E.
 Time (GMT) : 19 15 42
 Latitude (north) : 37° 07' 16"
 Longitude (west) : 116° 19' 51"
 Elev. of Shot (meters) : 1567.0
 Magnitude : None Computed

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYC	IPC	19 15 43.7	
NYS	IPC	19 15 44.2	
NYR	IPC	19 15 45.0	
NYM	IPC	19 15 45.5	
CPX	E(P)	19 15 47.0	
SMN	I(P)	19 15 48.2	
LSM	EP	19 15 48.5	
BTY	IPC	19 15 49.1	
ALA	EPC	19 16 01.1	
TSV	IPC	19 16 01.8	
TPH	IP	19 16 03.7	
DAC	EP	19 16 05.9	
NEL	E(P)	19 16 15.1	
NYS	IP	19 16 31.1	
NYR	EP	19 16 45.8	
NYM	IPD	19 17 00.8	
LSM	EP	19 17 48.3	
			Acoustic Wave

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : DIAMOND SKULLS
 Date : July 20, 1972
 Type : Nuclear
 Time (GMT) : 17 16 00.16436
 Latitude (north) : 37° 12' 52.3202"
 Longitude (west) : 116° 11' 00.1394"
 Elev. of Shot (meters) : 1715.7
 ** Magnitude : $M_L = 4.47$

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYR	IPC	17 16 03.8	
NYJ	IPC	17 16 05.3	
CPX	IPC	17 16 05.9	
LSM	IPC	17 16 08.9	
SMN	IPC	17 16 09.7	
BTY	IPC	17 16 11.0	
MCV	EPC	17 16 11.1	
PRN	I(P)	17 16 17.7	
LVW	E(P)	17 16 26.1	

No collapse recorded

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : OSCURO
 Date : Sept. 21, 1972
 Type : Nuclear
 Time (GMT) : 15 30 00.186
 Latitude (north) : 37°04'55.4122"
 Longitude (west) : 116°02'11.6363"
 Elev. of Shot (meters) : 691.7679
 ** Magnitude : $M_L = 5.2$

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYV	I(P)	15 30 01.4	
NYJ	I(P)	15 30 02.2	
NYM	I(P)	15 30 03.1	
NYC	I(P)	15 30 03.2	
CPX	IPC	15 30 03.4	
LSM	IPC	15 30 07.5	
MCV	EPC	15 30 09.2	
BTY	IPC	15 30 11.8	
SMN	IP	15 30 13.0	
PRN	IPC	15 30 16.4	
LVW	EPC	15 30 22.2	
NYJ	IP	18 12 22.1	Start of principal
LVW	EPC	18 12 39.0	collapse

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : DELPHINIUM
 Date : Sept. 26, 1972
 Type : Nuclear
 Time (GMT) : 14 30 00.1593
 Latitude (north) : 37°07'16.9359"
 Longitude (west) : 116°05'08.6353"
 Elev. of Shot (meters) : 1007.6688
 ** Magnitude : $M_L = 4.4$

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYV	I(P)	14 30 02.0	
NYM	I(P)	14 30 02.4	
NYJ	I(P)	14 30 03.7	
CPX	IPC	14 30 04.2	
LSM	IPC	14 30 08.0	
MCV	EP	14 30 10.3	
SMN	EP	14 30 11.1	
PRN	E(P)	14 30 16.9	
LVW	E(P)	14 30 23.3	

Principal collapse started at 1526

Background (normal noise level) obtained at 1540 GMT on Sept. 26, 1972

APPENDIX B

SEISMIC DATA FROM ANNOUNCED AEC TESTS

Event : FLAX
 Date : Dec. 21, 1972
 Type : Nuclear
 Time (GMT) : 20 15 00.24
 Latitude (north) : 37°08'23.8430"
 Longitude (west) : 116°04'59.7117"
 *** Elev.of Shot (meters) : 1323.1
 ** Magnitude : $m_b = 5.0$

<u>Station Abbrev.</u>	<u>Phase & First Motion</u>	<u>Time (GMT)</u>	<u>Remarks</u>
NYC	IPC	20 15 02.0	
NYV	IPC	20 15 02.0	
NYR	IPC	20 15 02.1	
NYS	IP	20 15 03.2	
NYJ	IPC	20 15 03.5	
CPX	IPC	20 15 04.7	
LSM	IPC	20 15 08.3	
MCV	EPC	20 15 10.4	
BTY	IPC	20 15 11.6	
TSV	IPC	20 15 20.2	
LVW	EP	20 15 23.3	

2352 + Approximate time of the major collapse

* H. E. = High Explosive (chemical)

** M_L = NSPP, Wood Anderson, Magnitude
 m_b = NEIC, Body Wave Magnitude

*** Elevation of surface, not shot elevation

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