



Hawaiian Volcano Observatory Seismic Data, January to December 2004

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U.S. DEPARTMENT OF THE INTERIOR
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+ Arrived in 2004

INTRODUCTION

The Hawaiian Volcano Observatory (HVO) summary presents seismic data gathered during the year. The seismic summary is offered without interpretation as a source of preliminary data. It is complete in the sense that most data for events of $M \geq 1.5$ routinely gathered by the Observatory are included.

The HVO summaries have been published in various forms since 1956. Summaries prior to 1974 were issued quarterly, but cost, convenience of preparation and distribution, and the large quantities of data dictated an annual publication beginning with Summary 74 for the year 1974. Summary 86 (the introduction of CUSP at HVO) includes a description of the seismic instrumentation, calibration, and processing used in recent years. Beginning with 2004, summaries will simply be identified by the year, rather than Summary number. The present summary includes background information on the seismic network and processing to allow use of the data and to provide an understanding of how they were gathered.

A report by Klein and Koyanagi (1980)¹ tabulating instrumentation, calibration, and recording history of each seismic station in the network. It is designed as a reference for users of seismograms and phase data and includes and augments the information in the station table in this summary.

¹ Klein, F.W., and Koyanagi, R.Y., 1980, Hawaiian Volcano Observatory seismic network history, 1950-1979: U.S. Geological Survey Open-File Report 80-302, 84 p.

SEISMIC INSTRUMENTATION

The network. The Hawaiian Volcano Observatory maintains an extensive telemetered seismic network on the Island of Hawai'i. The standard HVO field sensors, 1-Hz geophones, are deployed as single-component, vertical-only units or as three-component combinations of one vertical and two orthogonal horizontal units. The 2004 network consisted of 49 station sites: 7 three-component, 3 six-component (which included a three-component Kinematic Force-Balance accelerometer), 2 four-component (Uwekahuna included a low-gain vertical with a unity gain setting; Ainapo included a moderate-gain vertical with a 48db setting), 2 two-component (each site included a moderate-gain vertical with a 48db setting), 1 five-component (Ahua which included two moderate-gain horizontals with a 42db setting installed for experimental purpose) and 34 vertical-component-only sites. The coverage is most dense on and around Kilauea Volcano. During 1999, HVO added to the network three vertical-component-only sites on the Island of Maui. All seismic signals from the network are telemetered in real time to the Observatory for recording.

The Pacific Tsunami Warning Center (NOAA) operates and maintains a network of stations on the islands of Hawai'i, Maui, and O'ahu. In 1999, radio links were established to share data, in real-time, between PTWC and HVO. PTWC signals from one O'ahu three-component station, and one Maui and four Hawai'i vertical-component-only stations, were telemetered to the Observatory for recording.

Figure 1 is a map of selected geographic and geologic features. Figure 2 shows the sites of seismic stations operated by HVO and PTWC on the Island of Hawai'i during 2004. Figure 3 indicates the telemetry scheme for the seismic stations on Hawai'i Island, and figures 4a and 4b are expanded views of the telemetry schemes at Kilauea summit: 4a, HVO seismic stations and 4b, broadband network installed by Menlo Park and maintained by HVO. Figure 5 indicates the telemetry scheme for the seismic stations on Maui Island.

Table 1 lists seismic stations by site name, four-letter component codes, coordinates in degrees and minutes (old Hawaiian datum), elevation in meters, and other data, as described below, pertaining to each component. The list includes all the station components operated by HVO during 2004. Seismic stations components operated by PTWC on the Islands of Hawai'i, O'ahu and Maui are also listed. Phase times from PTWC stations, not telemetered to HVO, are used to supplement local earthquakes and earthquakes that occur within the Hawaiian Archipelago but distant from the Hawai'i Island network.

Instrumentation and recording. Each telemetered station's data channel has a voltage-controlled oscillator (VCO) for FM multiplex transmission to HVO via radio. These telemetering stations are all of Type 1, Earthquake Hazards Team (EHT) standard system used in USGS seismic networks (see table 2 for details). After discrimination at the receiver, the analog signals are converted to digital form as part of the routine computer location processing and archiving. Through July 2001, continuous signals from the telemetered network were saved on 4-mm digital-audio tape (DAT) recording units. Three DAT recorders ran in automatic rotation, as each ~20-hr tape was filled. Optic recordings are coded in table 1 as follows: H - Helicorder paper, and I - ink paper. DAT and paper records are archived at HVO.

Seismograph response and calibration. Response curve for the short-period seismograph type in use is given in figure 6. The Type 1 curve gives the magnification of the standard EHT system from ground motion at the seismometer to the seismic trace, as would be seen on a 20x Develocorder film viewer. The curve plots the unit response, which is multiplied by a constant but known factor, CAL, to get the response for an individual station. Individual CAL factors for Type 1 seismographs are Develocorder equivalent peak-to-peak amplitudes, measured in millimeters, of a 100-microvolt 5 to 8-Hz signal introduced to the preamp/VCO in place of the geophone at the field station. The calibration process is normally performed each time a station is visited for other required maintenance. Though Develocorder operations have ceased, calculations continue to be based on Develocorder equivalents.

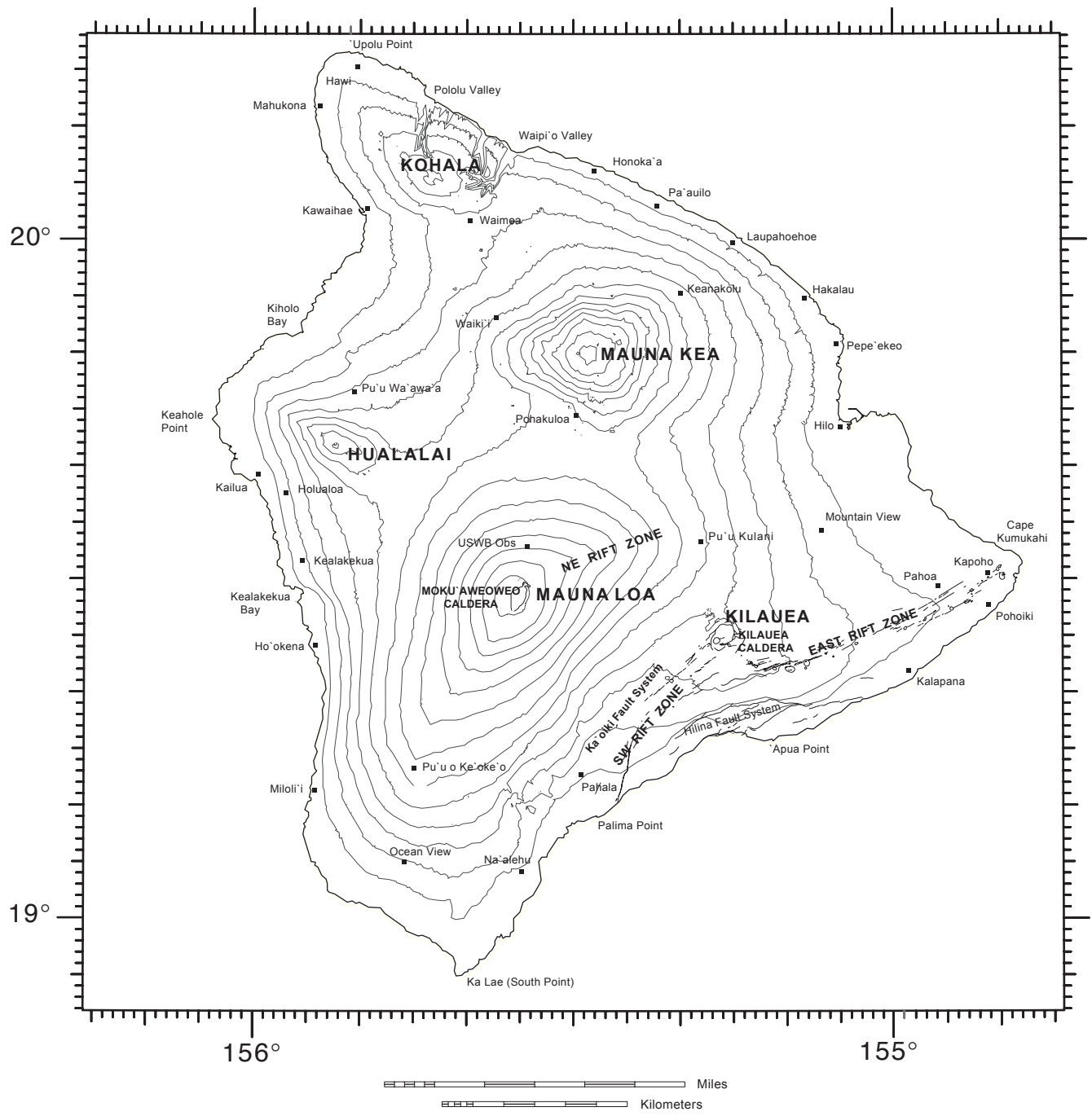


Figure 1. Map of the Island of Hawai'i, showing principal settlements and selected geographic and geologic features.

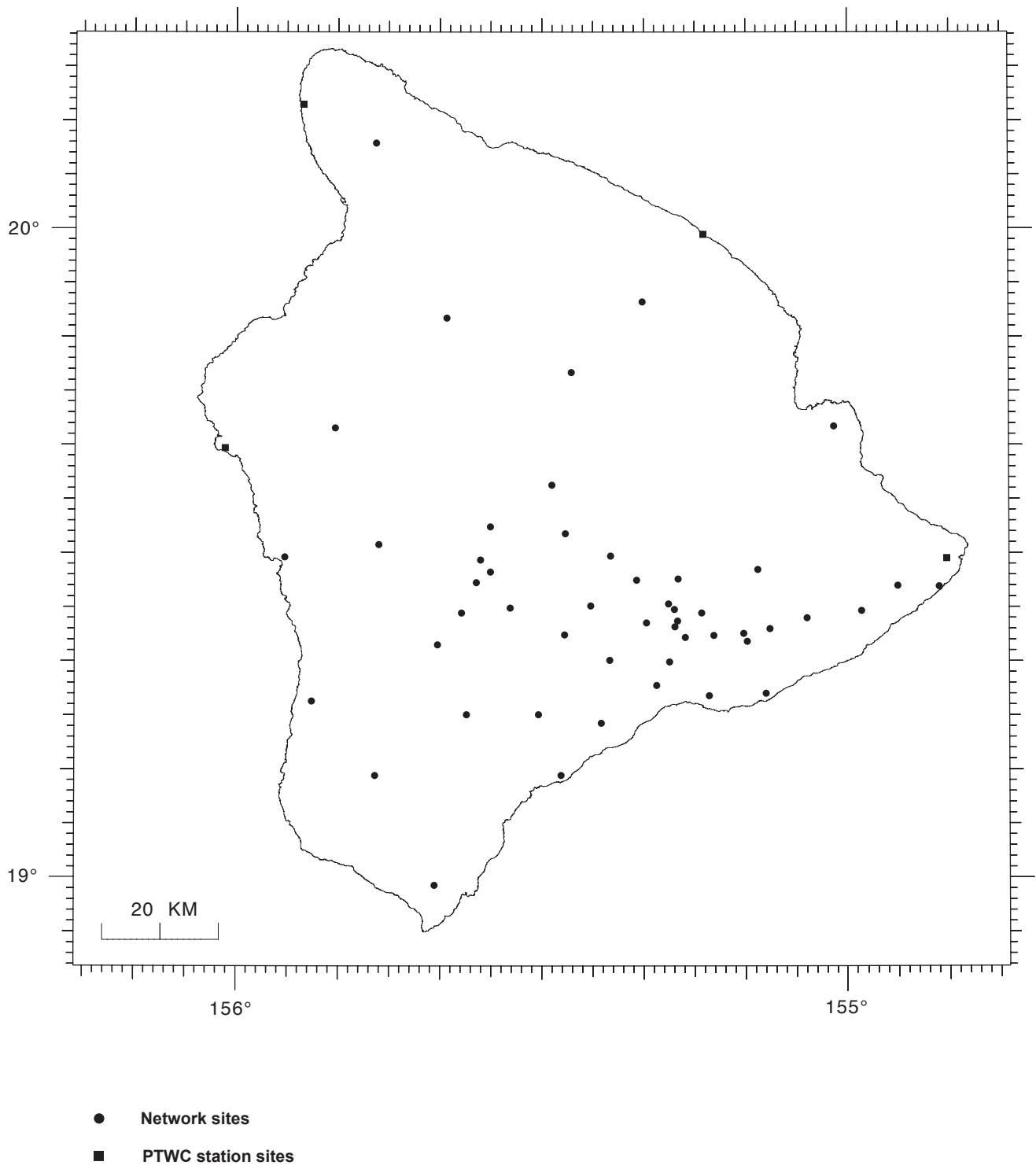


Figure 2. The 2004 Hawaiian Volcano Observatory and PTWC seismic network on the Island of Hawai'i.

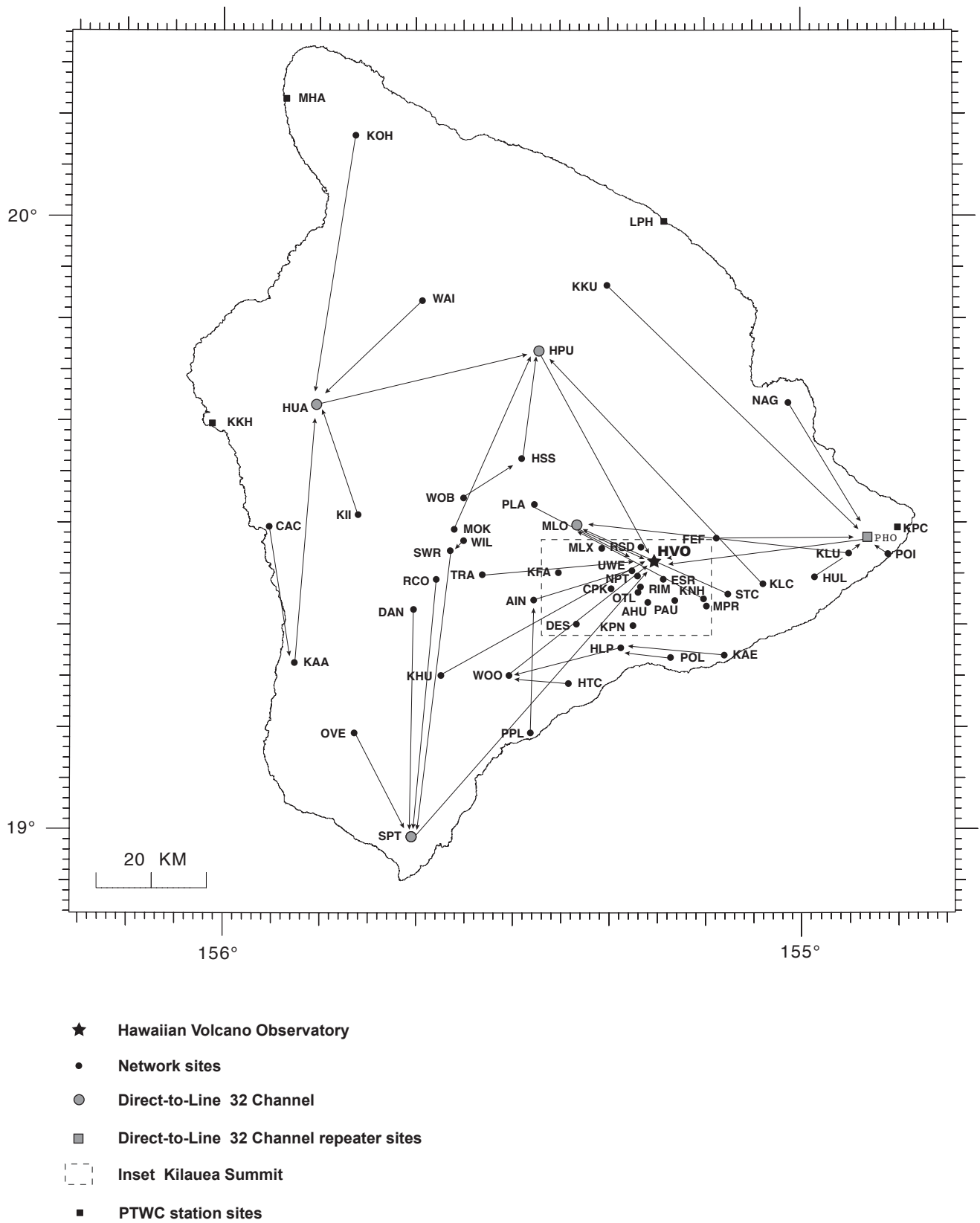
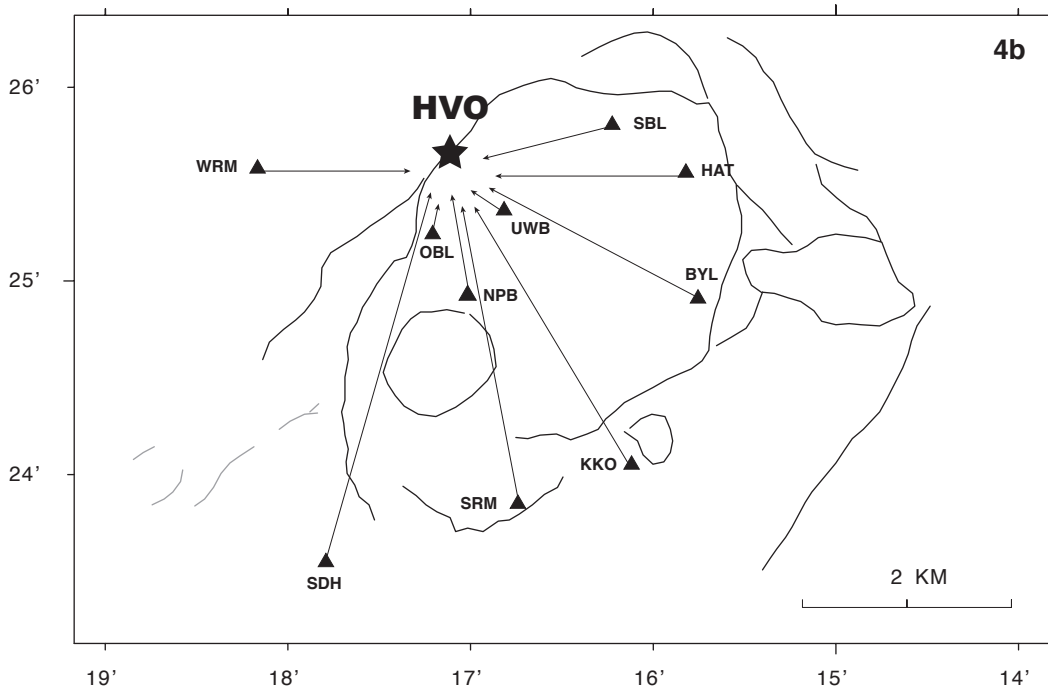
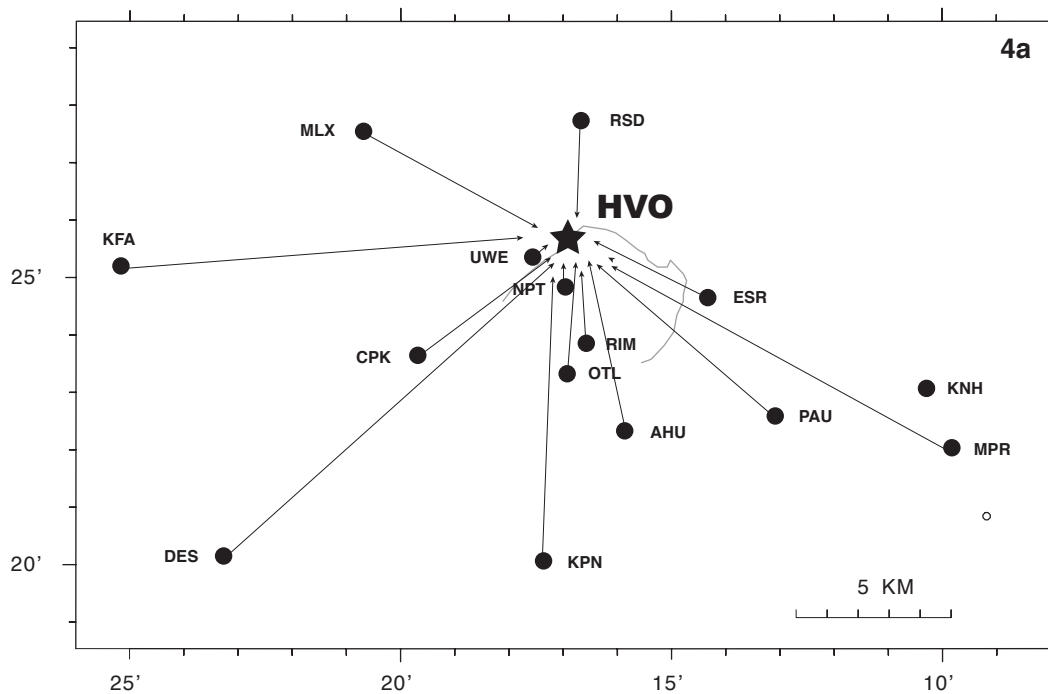


Figure 3. Telemetry scheme for the 2004 Hawaiian Volcano Observatory seismic network on the Island of Hawai'i.



- ★ Hawaiian Volcano Observatory
- Network sites
- ▲ Broadband sites

Figure 4a. Expanded telemetry scheme for the 2004 Hawaiian Volcano Observatory seismic network at Kilauea summit.

Figure 4b. Expanded telemetry scheme for the 2004 Menlo Park broadband seismic network at Kilauea summit.

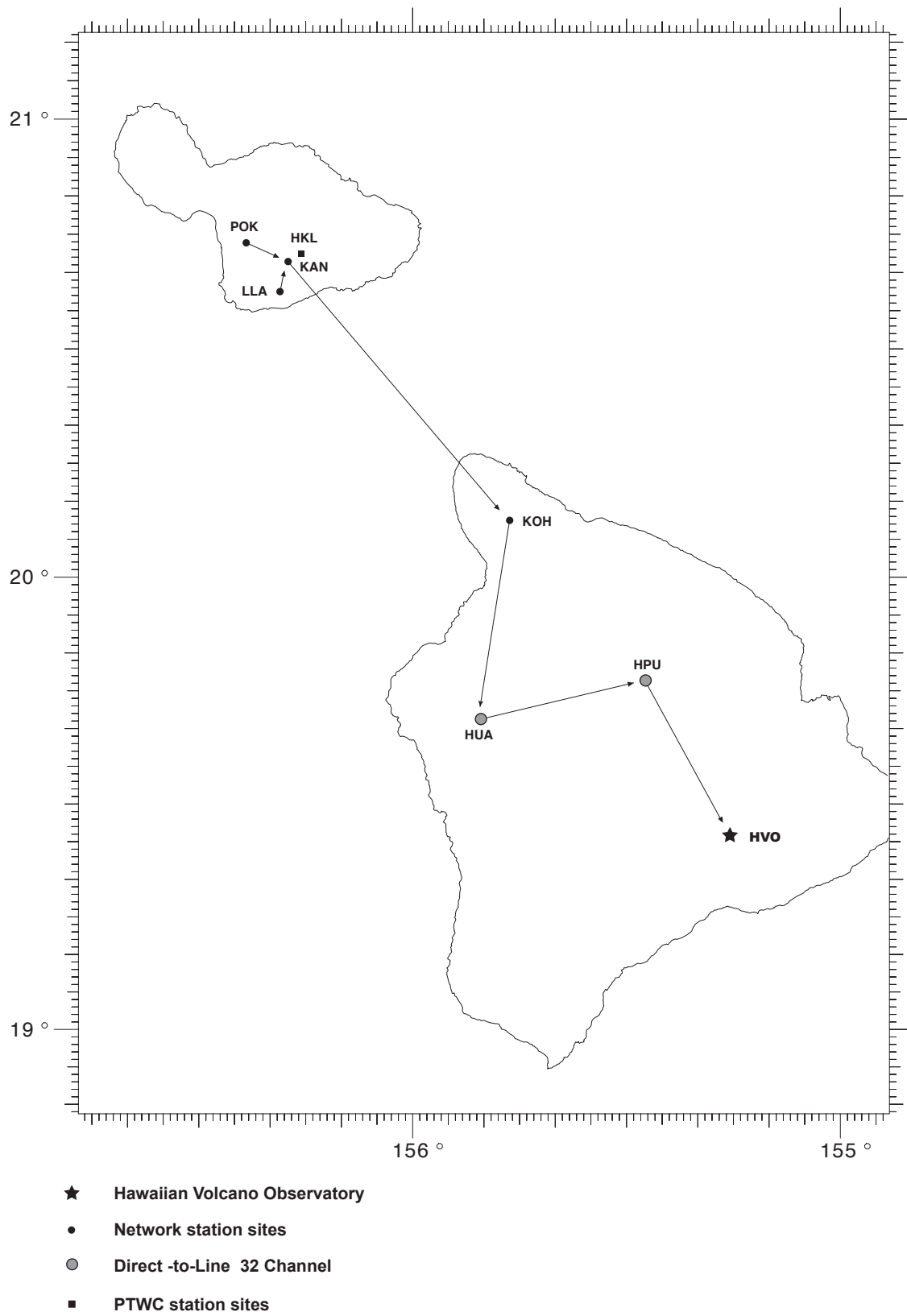


Figure 5. Telemetry scheme for the 2004 Hawaiian Volcano Observatory and PTWC seismic network on the Island of Maui.

Table 1. Seismic station sites and components in Hawai'i operated by the USGS in 2004.

STATION NAME	CODE	--LAT--		---LON---		ELEV (M)	DELAY 1	DELAY 2	CAL	SEIS TYPE	OPTIC RECORD
		D	M	D	M						
AHUA	AHUV	19	22.40	155	15.90	1070	-0.10	-0.13	2.6	L5	I
AHUA	AHUE	19	22.40	155	15.90	1070	-0.10	-0.13	3.0	E5	MW
AHUA	AHUN	19	22.40	155	15.90	1070	-0.10	-0.13	3.0	E5	MW
AHUA	AH1E	19	22.40	155	15.90	1070	-0.10	-0.13	1.0	L5	
AHUA	AH1N	19	22.40	155	15.90	1070	-0.10	-0.13	1.0	L5	
AINAPO	AINV	19	22.50	155	27.62	1524	0.13	0.17	6.8	L5	
AINAPO	AINE	19	22.50	155	27.62	1524	0.13	0.17	3.0	L5	MW
AINAPO	AINN	19	22.50	155	27.62	1524	0.13	0.17	3.0	L5	MW
AINAPO	AINZ	19	22.50	155	27.62	1524	0.13	0.17	0.0	L5	
CAPTAIN COOK	CACV	19	29.29	155	55.09	323	0.00	-0.16	1.1	L5	
CONE PEAK	CPKV	19	23.70	155	19.70	1038	-0.26	-0.07	6.0	L5	
DANDELION	DANV	19	21.42	155	40.04	3003	-0.27	0.03	4.3	E5	
DESERT	DESV	19	20.20	155	23.30	815	-0.29	-0.13	4.5	L5	I
DIAMOND HEAD,	OADHHZ	21	16.12	157	48.25	137	0.00	0.00	0.0	S1	H
ESCAPE ROAD	ESRV	19	24.68	155	14.33	1177	-0.17	-0.19	1.2	L5	
FERN FOREST	FEFV	19	28.70	155	8.91	691	0.01	0.05	0.0	L5	
HEIHEIAHULU	HHAZ	19	25.13	154	58.72	369	-0.17	-0.16	0.0	F5	
HEIHEIAHULU	HHAE	19	25.13	154	58.72	369	-0.17	-0.16	0.0	F5	
HEIHEIAHULU	HHAN	19	25.13	154	58.72	369	-0.17	-0.16	0.0	F5	
HALEAKALA, MAUI	HKLZ	20	42.63	156	15.55	3051	0.00	0.00	0.0	S1	H
HILINA PALI	HLPV	19	17.96	155	18.63	707	0.02	0.07	2.1	L5	
HONOLULU, OAHU	HONZ	21	19.30	158	0.50	2	0.00	0.00	0.0	S1	H
HONOLULU, OAHU	HONE	21	19.30	158	0.50	2	0.00	0.00	0.0	S1	H
HONOLULU, OAHU	HONN	21	19.30	158	0.50	2	0.00	0.00	0.0	S1	H
HONUPO	HPOZ	19	5.34	155	33.23	15	0.00	0.00	0.0	S1	
HALE POHAKU	HPUV	19	46.72	155	27.54	3396	0.31	0.17	3.3	L5	
HUMUULA SHEEP	STHSZ	19	36.31	155	29.13	2445	0.20	0.35	0.0	F5	
HUMUULA SHEEP	STHSAN	19	36.31	155	29.13	2445	0.20	0.35	0.0	F5	
HUMUULA SHEEP	STHSAE	19	36.31	155	29.13	2445	0.20	0.35	0.0	F5	
HUMUULA SHEEP	STHSSV	19	36.31	155	29.13	2445	0.20	0.35	4.0	L5	
HUMUULA SHEEP	STHSSE	19	36.31	155	29.13	2445	0.20	0.35	3.0	L5	
HUMUULA SHEEP	STHSSN	19	36.31	155	29.13	2445	0.20	0.35	3.0	L5	
HOT CAVES	HTCV	19	14.33	155	24.02	381	-0.16	-0.07	2.3	E4	
HUALALAI	HUAV	19	41.25	155	50.32	2189	0.67	0.38	2.8	L5	I
HEIHEIAHULU	HULV	19	25.13	154	58.72	369	-0.17	-0.16	1.6	L5	H
HEIHEIAHULU	HULE	19	25.13	154	58.72	369	-0.17	-0.16	3.0	E5	MW
HEIHEIAHULU	HULN	19	25.13	154	58.72	369	-0.17	-0.16	3.0	L5	MW
KAAPUNA	KAHV	19	15.98	155	52.28	524	-0.12	-0.01	3.3	E5	
KAENA POINT	KAEV	19	17.35	155	7.95	37	-0.01	0.06	1.4	L5	
KANAHAU, MAUI	KANV	20	41.60	156	17.84	2745	0.00	0.00	0.0	L5	
KAOIKI FAULTS	KFAV	19	25.25	155	25.18	1579	0.13	0.17	0.0	L5	
KANEKII	KIIV	19	30.56	155	45.90	1841	0.15	0.37	3.0	L5	
KANEKII	KIIE	19	30.56	155	45.90	1841	0.15	0.37	3.0	L5	
KANEKII	KIIN	19	30.56	155	45.90	1841	0.15	0.37	3.0	L5	
KIPAPA, OAHU	KIPZ	21	25.40	158	0.90	2	0.00	0.00	0.0	S1	
KAILUA, KONA	KKHZ	19	39.40	156	1.12	1	0.00	0.00	0.0	S1	
KEANAKOLU	KKUV	19	53.39	155	20.58	1863	0.68	0.24	3.3	L5	
KALALUA CONE	KLCV	19	24.35	155	4.08	659	-0.25	-0.30	3.4	L5	
PUU KALIU	KLUV	19	27.48	154	55.26	271	-0.17	-0.30	3.4	L5	
KANE NUI O HAMO	KNHV	19	22.95	155	10.32	954	-0.17	-0.20	0.0	L5	I
KANE NUI O HAMO	KNHZ	19	22.95	155	10.32	954	-0.17	-0.20	0.0	L5	
KOHALA	KOHV	20	7.69	155	46.77	1166	-0.03	-0.17	6.3	L5	
KOHALA	KOHE	20	7.69	155	46.77	1166	-0.03	-0.17	3.0	L5	MW
KOHALA	KOHN	20	7.69	155	46.77	1166	-0.03	-0.17	3.0	L5	MW

STATION NAME	CODE	--LAT--		---LON		ELEV (M)	DELAY 1	DELAY 2	CAL	SEIS TYPE	OPTIC RECORD
		D	M	D	M						
KAPOHO CONE	KPCZ	19	30.02	154	50.51	134	0.00	0.00	0.0	S1	
KIPUKA NENE	KPNV	19	20.10	155	17.40	924	-0.11	-0.08	3.5	L5	
LUALAILUA, MAUI	LLAV	20	37.62	156	18.62	683	0.00	0.00	0.0	L5	
LAUPAHOEHOE	LPHZ	19	59.82	155	14.58	1	0.00	0.00	0.0	S1	
MAHUKONA	MHAZ	20	11.27	155	54.18	1	0.00	0.00	0.0	S1	
MAUNA LOA	MLOV	19	29.80	155	23.30	2010	0.03	0.08	5.6	L5	I
MAUNA LOA	MLOE	19	29.80	155	23.30	2010	0.03	0.08	3.0	L5	
MAUNA LOA	MLON	19	29.80	155	23.30	2010	0.03	0.08	3.0	L5	
MAUNA LOA X	MLXV	19	27.60	155	20.70	1475	0.06	0.15	3.0	L5	
MOKUAWEOWEO	MOKV	19	29.28	155	35.98	4104	0.15	0.16	4.2	L5	IH
NATIONAL GUARD	NAGV	19	42.12	155	1.72	18	0.54	0.30	4.0	R5	
NATIONAL GUARD	NAGE	19	42.12	155	1.72	18	0.54	0.30	3.0	R5	MW
NATIONAL GUARD	NAGN	19	42.12	155	1.72	18	0.54	0.30	3.0	R5	MW
NORTH PIT	NPTV	19	24.90	155	17.00	1115	-0.30	-0.18	3.0	L5	I
NORTH PIT	NPTE	19	24.90	155	17.00	1115	-0.30	-0.18	3.0	L5	MW
NORTH PIT	NPTN	19	24.90	155	17.00	1115	-0.30	-0.18	3.0	L5	MW
OPANA, OAHU	OPAZ	21	41.45	158	0.70	100	0.00	0.00	0.0	S1	H
OUTLET	OTLV	19	23.38	155	16.94	1038	-0.19	-0.18	2.6	L5	
OUTLET	OTLZ	19	23.38	155	16.94	1038	-0.19	-0.18	0.0	L5	
OCEANVIEW ESTATE	OVEV	19	9.21	155	45.92	1378	0.00	0.00	0.0	L5	
PAUAAHI	PAAZ	19	22.62	155	13.10	994	-0.21	-0.24	0.0	F5	
PAUAAHI	PAAE	19	22.62	155	13.10	994	-0.21	-0.24	0.0	F5	
PAUAAHI	PAAN	19	22.62	155	13.10	994	-0.21	-0.24	0.0	F5	
PAUAAHI	PAUV	19	22.62	155	13.10	994	-0.21	-0.24	2.9	L5	
PAUAAHI	PAUE	19	22.62	155	13.10	994	-0.21	-0.24	3.0	L5	MW
PAUAAHI	PAUN	19	22.62	155	13.10	994	-0.21	-0.24	3.0	L5	MW
PUU ULAULA	PLAV	19	32.00	155	27.67	2992	-0.03	0.13	6.3	L5	I
POHOIKI	POIV	19	27.42	154	51.22	16	-0.09	-0.24	0.0	L5	
PUUOKALI, MAUI	POKV	20	44.00	156	23.32	511	0.00	0.00	0.0	L5	
POLIOKEAWE PALI	POLV	19	17.02	155	13.47	169	-0.02	0.03	3.4	E5	
PUU PILI	PPLV	19	9.50	155	27.87	35	-0.15	-0.15	1.4	E5	
RED CONE	RCOV	19	24.36	155	37.79	3601	0.00	0.00	0.0	L5	
RIM	RIMV	19	23.90	155	16.60	1128	-0.21	-0.13	0.0	L5	
RAINSHED	RSDV	19	27.78	155	16.68	1270	0.06	0.15	0.0	L5	
SOUTH POINT	SPDV	18	58.94	155	40.24	250	-0.17	-0.22	0.0	L5	
SOUTH POINT	SPDE	18	58.94	155	40.24	250	-0.17	-0.22	0.0	L5	MW
SOUTH POINT	SPDN	18	58.94	155	40.24	250	-0.17	-0.22	0.0	L5	MW
STEAM CRACKS	STCV	19	23.30	155	7.67	765	-0.25	-0.30	3.4	L5	H
SOUTHWEST RIFT	SWRV	19	27.26	155	36.30	4048	0.01	0.04	5.6	E5	
TRAIL	TRAV	19	24.91	155	32.96	3207	0.00	0.00	0.0	L5	
UWEKAHUNA	URAV	19	25.40	155	17.60	1240	-0.21	0.00	0.0	R5	
UWEKAHUNA	URAE	19	25.40	155	17.60	1240	-0.21	0.00	3.0	R5	MW
UWEKAHUNA	URAN	19	25.40	155	17.60	1240	-0.21	0.00	3.0	R5	MW
UWEKAHUNA	UUGZ	19	25.40	155	17.60	1240	0.00	0.00	0.0	L0	
WAIKII	WAIV	19	51.58	155	39.60	1433	0.20	0.35	0.0	L5	
WILKES CAMP	WILV	19	28.15	155	35.02	4037	0.22	0.17	2.6	E5	
WILKES CAMP	WILE	19	28.15	155	35.02	4037	0.22	0.17	3.0	L5	MW
WILKES CAMP	WILN	19	28.15	155	35.02	4037	0.22	0.17	3.0	L5	MW
WAIMANALO RIDGE,	WMRZ	21	19.22	157	40.94	200	0.00	0.00	0.0	S1	
WEATHER OBSERVAT	WOBV	19	32.31	155	35.01	3396	0.00	0.00	0.0	E5	
WOOD VALLEY	WOOV	19	15.08	155	30.12	909	-0.15	-0.06	2.6	E5	

Table 2. Seismic instrument types

The codes in parentheses refer to the seismometer types listed in Table 1.

Type 1 (Codes E, L, R, and 4, 5) consists of:

- a) Geophone - Electrotech EV-17 (E), Mark Products L4C (L) or Kinematic Ranger SS1 (R). (L) and (R) are 1.0-sec. period moving-magnet vertical- or horizontal- (E-W and N-S) component seismometers adjusted for an output of 0.5 volts/cm/sec and 0.8, critically damped.
- b) Preamp/VCO - USGS/OEVE Model J502, J512 (5) voltage-controlled oscillator. Three db points for bandpass filter at 0.1 Hz and 30 Hz. Signals are transmitted on audio FM carrier over cable or FM radio link to HVO.

Code (W) - Wood-Anderson torsion seismograph.

Code (MW) - Horizontal-component seismograph based on a Type 1 system and modified to 3x a Wood-Anderson response.

Code (F) - Kinematic Force-Balance Accelerometer (FBA23).

Code (S13) – Geotech, 1Hz seismometer with A1 VCO operated by the Pacific Tsunami Warning Center.

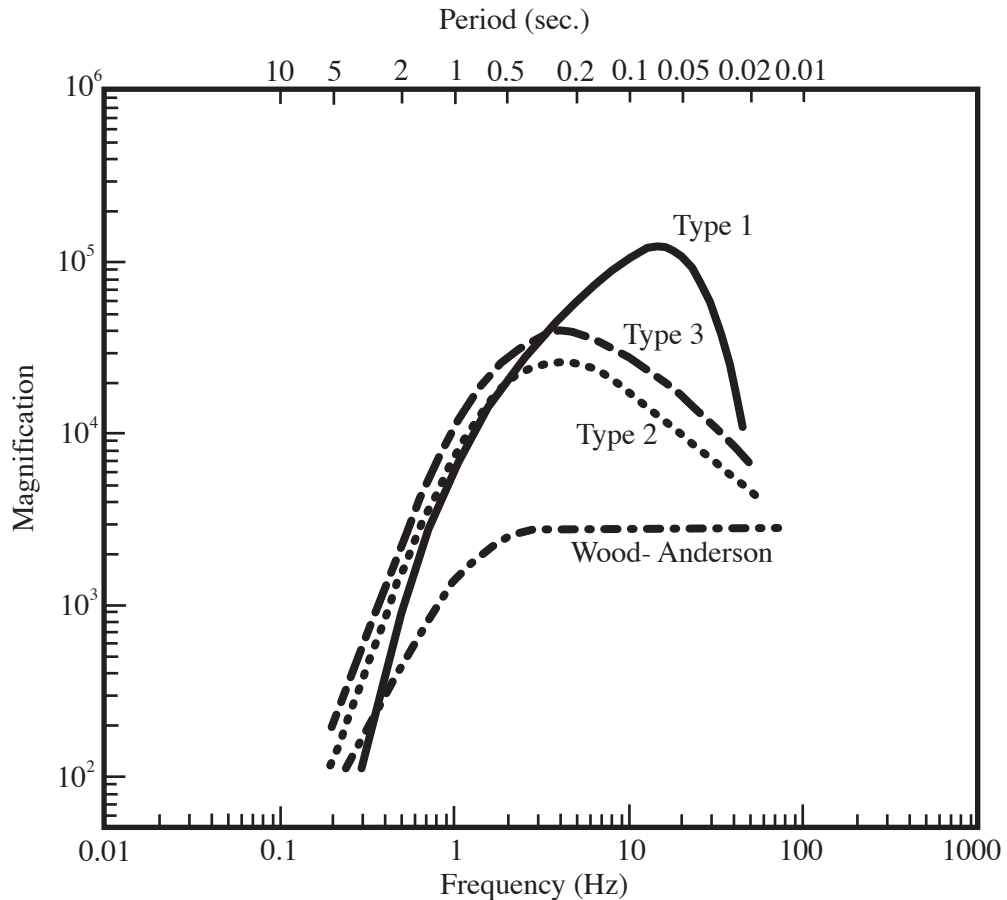


Figure 6. System-response curves for the Wood-Anderson torsion seismograph and for seismometers used by the Hawaiian Volcano Observatory. The Type 1 curve plots the unit response of the standard USGS microearthquake seismometer system as would be recorded on Develocorder film. This includes the geophone, all electronics including telemetry, Develocorder galvanometer, and projection of film by a 20x viewer. The unit response curve is multiplied by constant but known factors (CAL) to obtain the responses for individual stations.

SEISMIC DATA PROCESSING

Due to age and high cost of maintenance, Develocorder 'A' was discontinued on August 1, 1997. Daily count of classified microearthquakes from source regions around Kilauea and Mauna Loa, and duration of tremor, were also discontinued. Coda duration, however, is measured in seconds from drum (ink or helicorder) records to determine a coda magnitude that is entered as an external magnitude in the final solution.

In 1986, HVO acquired a VAX 11-750 computer and adopted the CUSP (California Institute of Technology USGS Seismic Processing) routine. Discriminated analog signals are converted to digital form, and detected events are saved in real time. Detected events are demultiplexed, and P-picks are made by the computer, producing a rough location. Events are examined by an analyst, on a graphics terminal, to refine computer P-picks and to time additional P- and S-phases for a preliminary location. Binary CUSP files are archived on magneto-optical media and translated into ASCII phase files. Locations and amplitude magnitudes are then determined, using the program HYPOINVERSE-2000 (Klein, 2002)². Events are reworked and rerun, as needed, to produce a final solution. Magneto-optical copies of arrival times and output summary data are kept at HVO.

In July 1992, HVO acquired VAX workstations for timing earthquakes using a "generic" version of CUSP. In addition to timing P and S arrival signals, the VAX workstations are capable of measuring peak-to-peak amplitudes along with the associated period. This capability allowed the renewal of amplitude magnitude determinations from the network seismic stations. Amplitude data gathered from July 1992 to July 1997 became part of a test set to determine magnitude corrections for network stations. Results of newly determined magnitude corrections are detailed by Nakata and Okubo (1997)³.

The crustal model used is specified by velocities at four depth points. Velocity at any depth is given by linear interpolation between points and uses a homogeneous half-space, as listed below:

VELOCITY (km/sec)	DEPTH (km)
1.9	0.0
6.5	4.6
6.9	15.0
8.3	≥16.5

Two empirical sets of station delays or corrections were used in the HYPOINVERSE locations and are given in table 1. The delay models are separated by a circle of radius 34 km, centered at 19°22' N and 155°10' W. Delay model 1 is used for epicenters occurring within a circle of radius 31 km from the center. This region includes Kilauea and its south flank. A combination of the two delay models is used for epicenters that fall in a transition zone that is 6 km wide. Delay model 2 is applied to the rest of the island and offshore earthquakes. For a detailed description, refer to Klein².

Magnitudes for events are computed using recorded amplitudes on selected network vertical, Modified Wood-Anderson (MW) horizontal, and/or moderate and low gain stations. Amplitude readings are corrected to an equivalent Wood-Anderson amplitude using the curves of figure 6 and CAL factors listed in table 1.

Duration magnitude is determined by the length of signal, in seconds, read from drum recordings of Type 1 seismographs. This length of time is measured from the P arrival to the point where the earthquake signal has decayed to nearly the background noise level. Drum-recorded duration magnitude is calculated with a relationship equivalent to the develocorder viewer output.

² Klein, F.W., 2002, User's guide to HYPOINVERSE-2000, a Fortran Program to solve for earthquake locations and magnitudes: U.S. Geological Survey Open-File Report 02-171, 116 p.

³ Nakata, J., and Okubo, P., 1997, Determination of station amplitude magnitude corrections for the Hawaiian Volcano Observatory telemetered seismograph network: Data from 1992-1997: U.S. Geological Survey Open-File Report 97-863, 73 p.

SEISMIC CATALOG

The emphasis in both station coverage and detailed data analysis is on the highly active south half of the Island of Hawai'i. The set of well-recorded earthquakes located in the Hawai'i Island region is nearly complete above magnitude 2.0. Many smaller events are located in the densely instrumented Kilauea area. Substantial effort is made to locate earthquakes elsewhere within the Hawaiian Archipelago. Such coverage cannot be as complete as in south Hawai'i, but nearly all events above magnitude 4.0 are located with limited precision.

Data presented in the seismic catalog are in three parts: (1) Maps showing computer-located hypocenters are given in figures 11-24. The location maps are of different scales and provide hypocenters with magnitude thresholds set at 1.0, 2.0, 3.0, and 3.5, varying according to region. (2) The list of computer locations constitutes the bulk of this summary and is given in table 4. Each earthquake in the list is assigned a three-letter code based on its general location and depth. Figures 7-10 are maps of the regions used to assign the location codes. The latitude and longitude limits of rectangular regions are listed in table 3. When the listed coordinates overlap, precedence is given according to figures 7-10. (3) Table 5 re-lists the events in table 4 for which the preferred magnitude is 3.0 or larger. This list includes many of the earthquakes felt in Hawai'i.

Table 3. Names and coordinates of regions used for classifying earthquakes.

All earthquakes locate in one of the following groups, identified by a numerical class or three-letter code:

--Shallow:

- 1 SNC - Shallow north caldera (0-5 km)
- 2 SSC - Shallow south caldera (0-5 km)
- 3 SEC - Shallow east caldera (0-5 km)
- 4 SER - Shallow east rift (0-5 km)
- 5 SME - Shallow middle east rift (0-5 km)
- 6 KOA - Koa'e fault zone (0-5 km)
- 7 SSF - Shallow south flank (0-5 km)
- 8 SLE - Shallow lower east rift (0-5 km)

--Intermediate depth:

- 9 SF1 - Kilauea south flank (5-13 km) (west end)
- 10 SF2 - Kilauea south flank (5-13 km)
- 11 SF3 - Kilauea south flank (5-13 km)
- 12 SF4 - Kilauea south flank (5-13 km)
- 13 SF5 - Kilauea south flank (5-13 km) (east end)
- 14 LER - Lower east rift (5-99 km)
- 15 MLO - Mauna Loa (0-13 km)
- 16 LSW - Lower southwest rift zones of Kilauea and Mauna Loa (0-13 km)
- 17 GLN - Glenwood (0-13 km)
- 18 SWR - Southwest rift zone of Kilauea (0-13 km)
- 19 INT - Intermediate caldera (5-13 km)
- 20 KAO - Ka'oiki (0-13 km)

--Deep:

- 21 DEP - Deep Kilauea (>13 km) (below regions 1-13, 17-19)
- 22 DLS - Deep lower southwest rift zone of Kilauea and Mauna Loa (>13 km) (below region 16)
- 23 DML - Deep Mauna Loa (>13 km) (below regions 15, 20)

--Outer regions, all depths:

- 24 LOI - Lo'ihi
- 25 KON - South Kona
- 26 HUA - Hualalai
- 27 KOH - Kohala
- 28 KEA - Mauna Kea
- 29 HIL - Hilo
- 30 DIS - Distant, everywhere else

Table 3 (continued). The latitude and longitude limits of the regions are given below. If the coordinates overlap, precedence is given according to maps in figures 7-10.

No.	Code	N. Lat.	S. Lat.	W. Lon.	E. Lon.
1	SNC	19 28.0	19 24.5	155 19.0	155 14.0
2	SSC	19 24.5	19 22.0	155 19.0	155 16.5
3	SEC	19 24.5	19 22.0	155 16.5	155 14.0
4	SER	19 26.0	19 20.5	155 14.0	155 07.2
5	SME	19 26.0	19 21.75-19 20.0	155 07.2	155 00.0
6	KOA	19 22.0	19 20.5	155 17.0	155 14.0
7	SSF	19 20.6-19 24.0	19 10.0	155 17.0	155 00.0
8	SLE	19 32.0	19 16.0	155 00.0	154 40.0
9	SF1	19 22.0	19 10.0	155 17.0	155 14.5
10	SF2	19 26.0	19 10.0	155 14.5	155 12.3
11	SF3	19 26.0	19 10.0	155 12.3	155 09.1
12	SF4	19 26.0	19 10.0	155 09.1	155 05.3
13	SF5	19 26.0	19 10.0	155 05.3	155 00.0
14	LER	19 32.0	19 16.0	155 00.0	154 40.0
15	MLO	19 35.0	19 19.0	155 35.0	155 19.0
16	LSW	19 19.0	18 40.0	155 43.0	155 25.0
17	GLN	19 35.0	19 26.0	155 19.0	155 00.0
18	SWR	19 22.0	19 10.0	155 25.0	155 17.0
19	INT	19 28.0	19 22.0	155 19.0	155 14.0
20	KAO	19 30.0	19 19.0	155 32.0	155 19.0
21	DEP	19 35.0	19 10.0	155 25.0	155 00.0
22	DLS	19 19.0	18 40.0	155 43.0	155 25.0
23	DML	19 35.0	19 19.0	155 35.0	155 19.0
24	LOI	19 10.0	18 40.0	155 25.0	155 00.0
25	KON	19 39.0	19 00.0	156 20.0	155 43.0
26	HUA	19 55.0	19 39.0	156 20.0	155 43.0
27	KOH	20 25.0	19 55.0	156 20.0	155 34.0
28	KEA	20 25.0	19 35.0	155 34.0	154 40.0
29	HIL	19 47.0	19 32.0	155 09.0	154 40.0

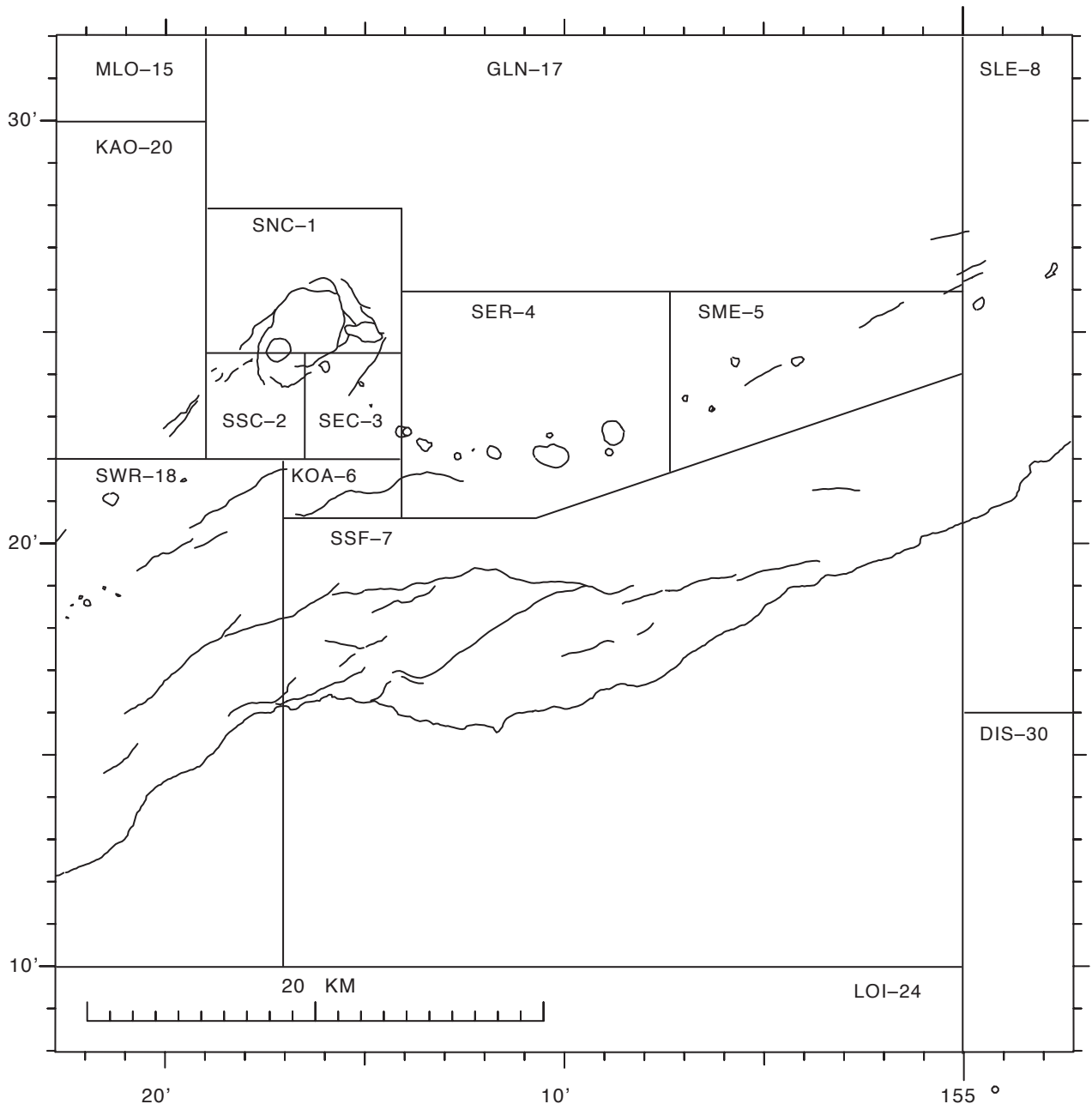


Figure 7. Earthquake classification, shallow (0-5 km deep), for Kilauea and the east flank of Mauna Loa.

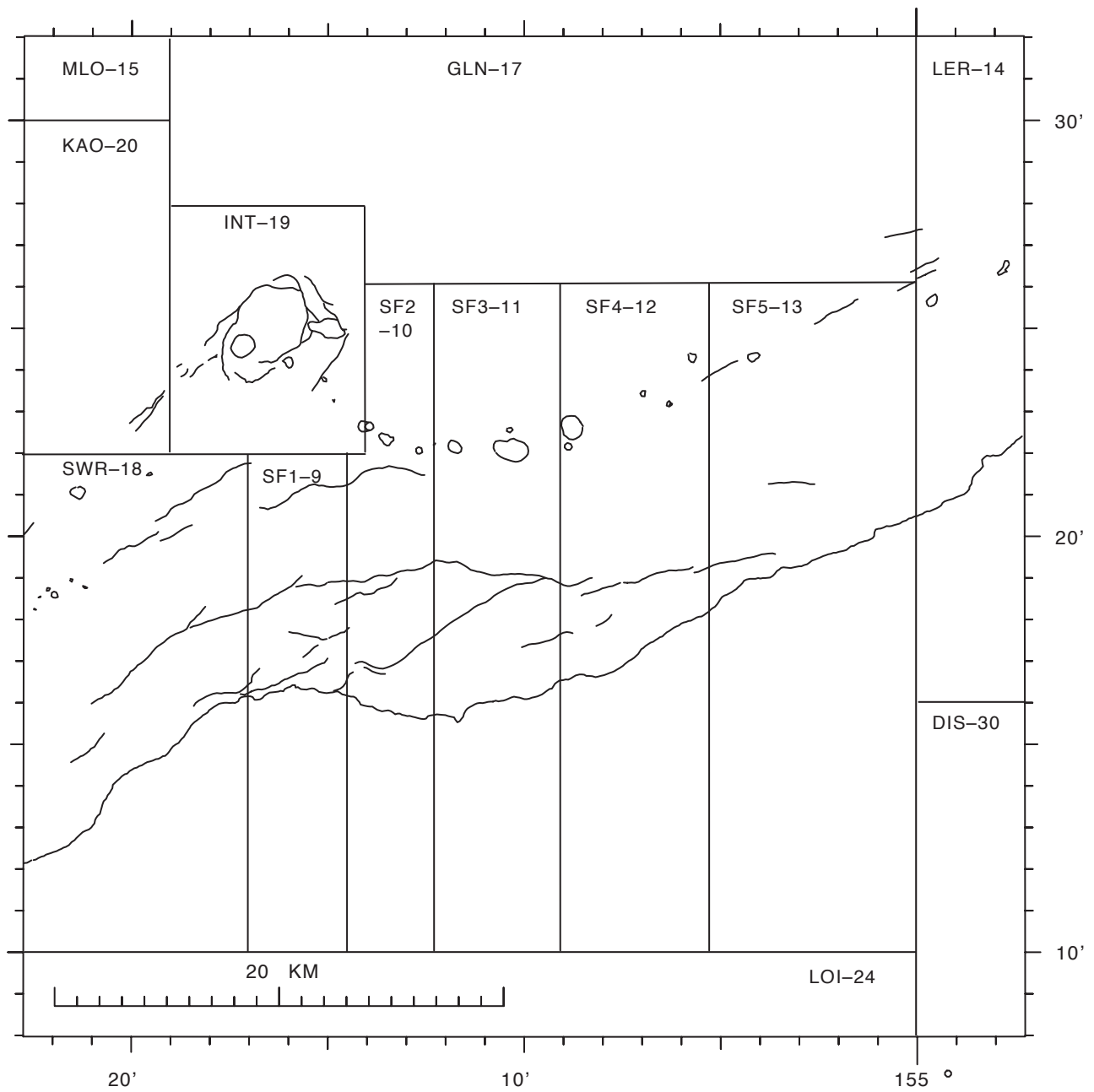


Figure 8. Earthquake classification, intermediate (5.1-13 km deep), for Kilauea and the east flank of Mauna Loa.

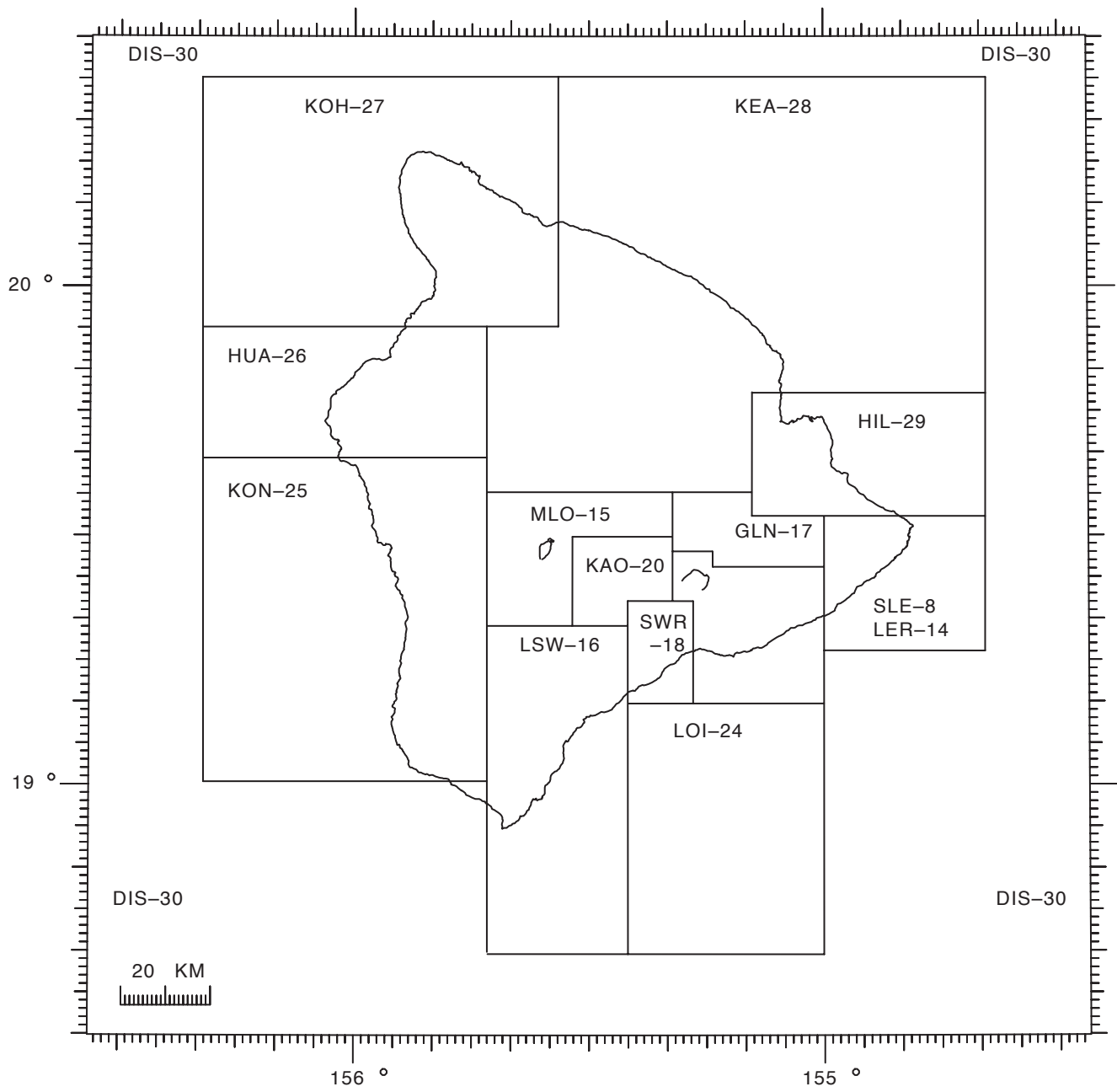


Figure 9. Earthquake classification, crustal (0-13 km deep), for the Island of Hawai'i.

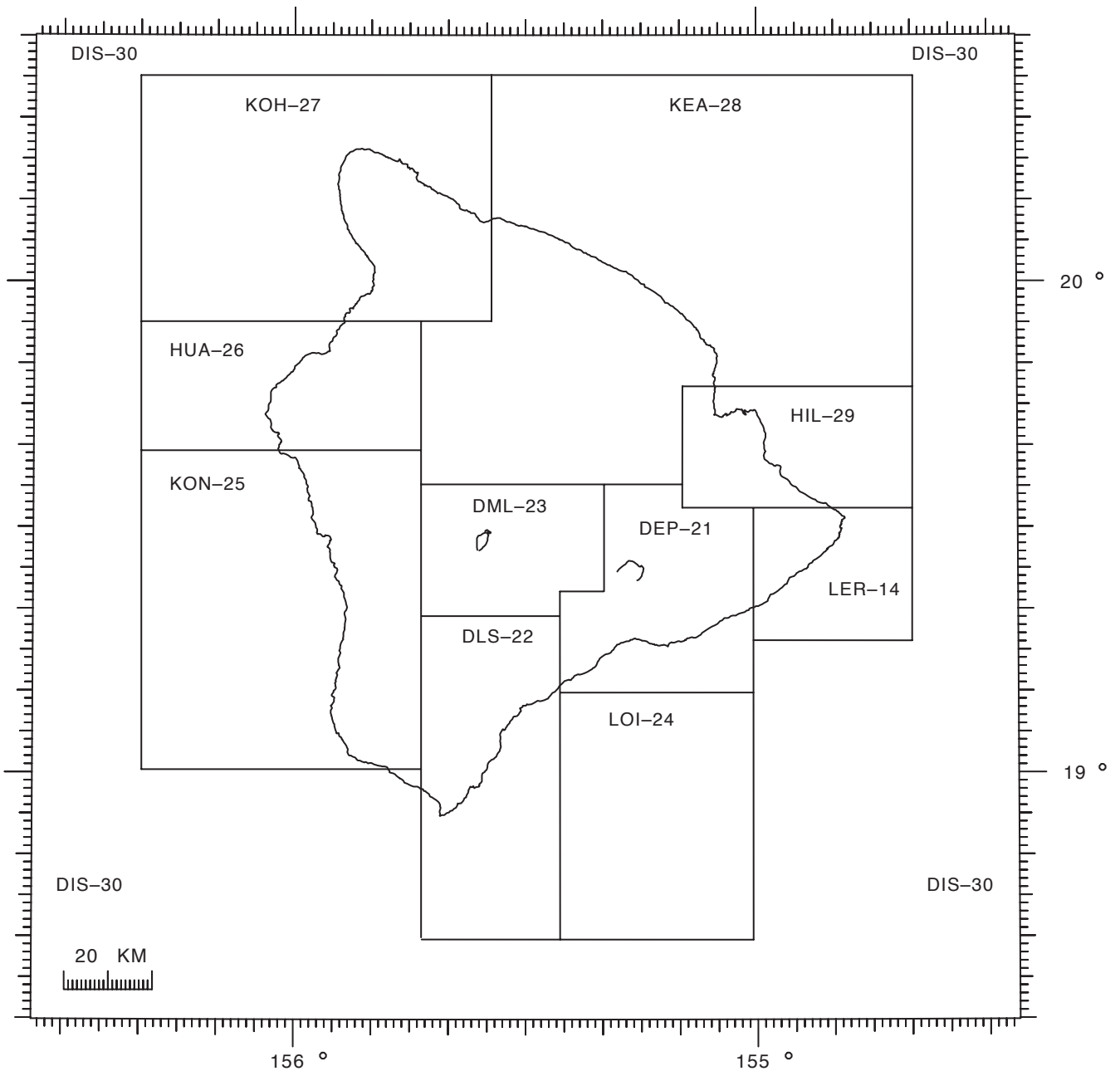


Figure 10. Earthquake classification, deep (greater than 13 km deep), for the Island of Hawai'i.

Figure 11. 2004 earthquake locations, Hawaiian Islands, 0-60 km depth, $M \geq 3.5$.

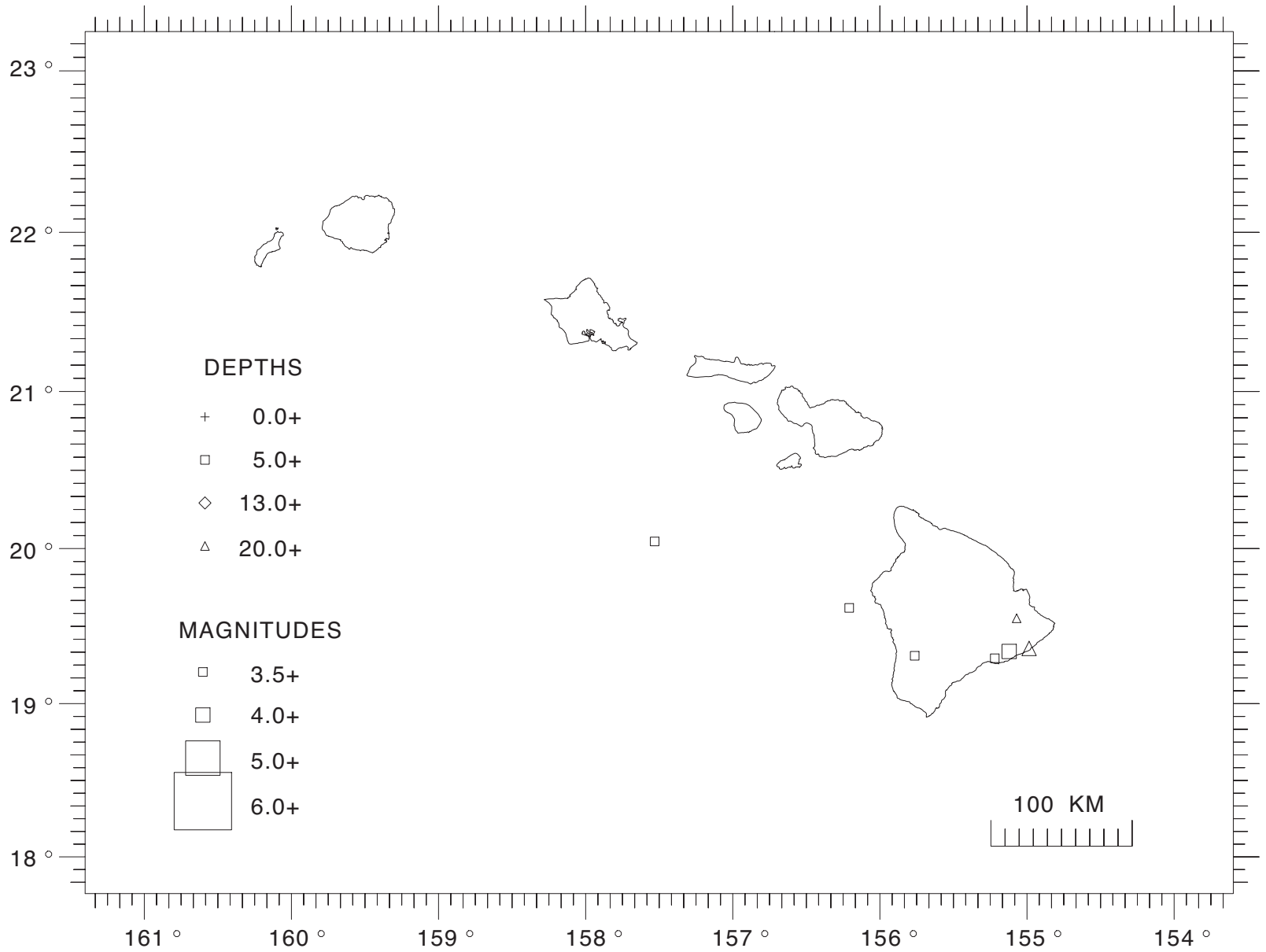


Figure 12. 2004 earthquake locations, Hawai`i island,
0-60 km depth, $M \geq 3.0$

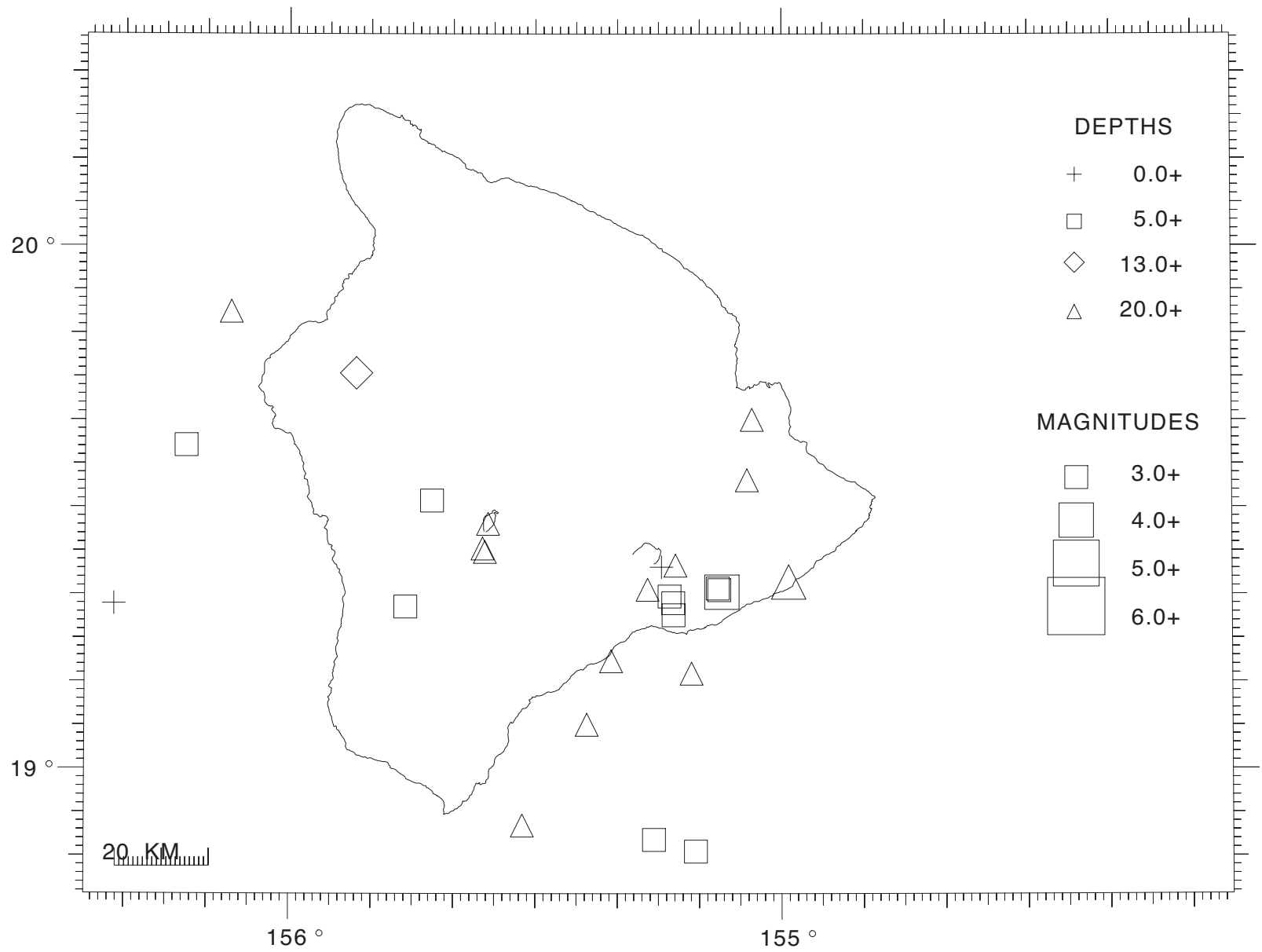


Figure 13. 2004 earthquake locations, Hawai'i Island, shallow (0.0-5.0 km depth), $M \geq 2.0$

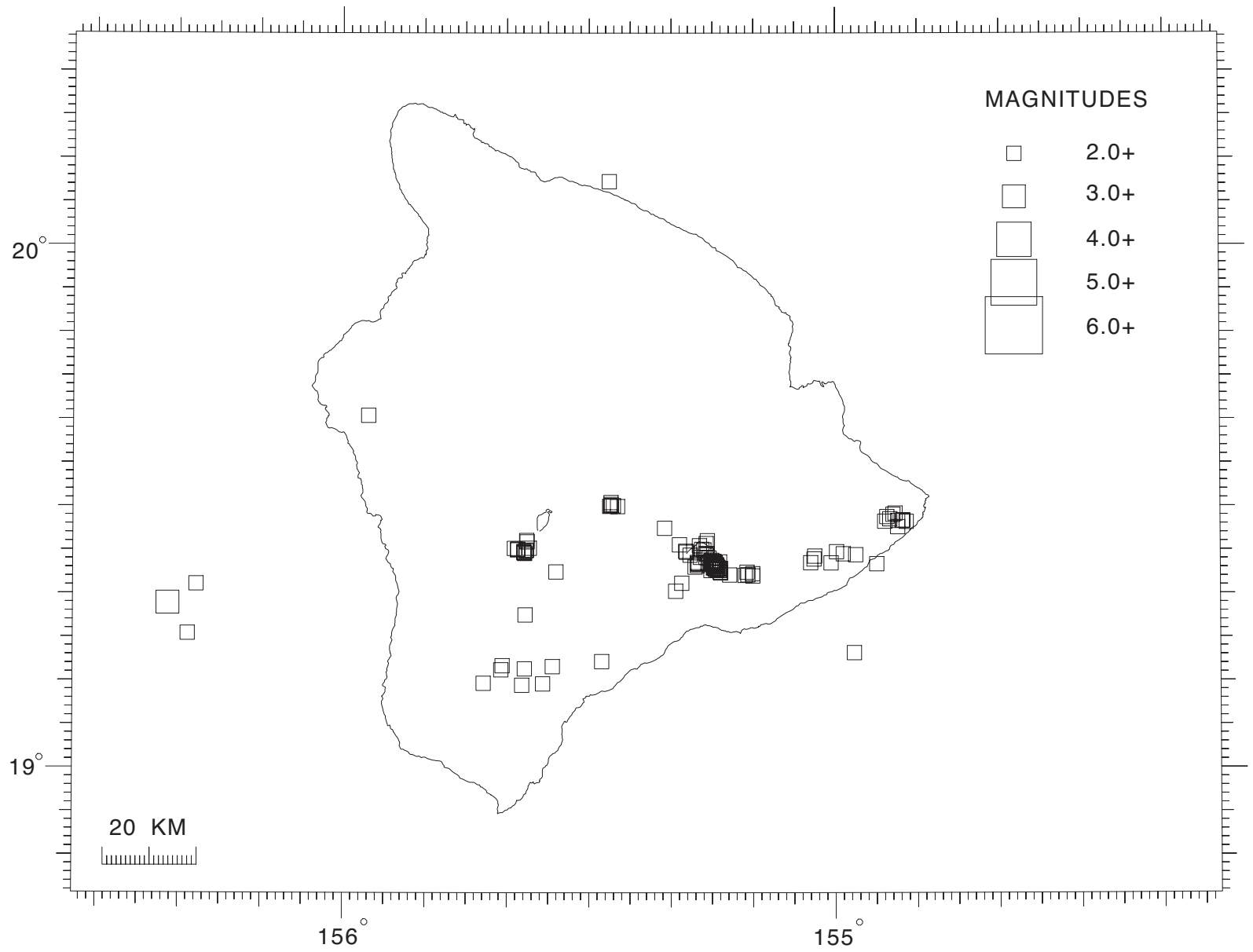


Figure 14. 2004 earthquake locations, Hawai`i Island, intermediate (5.1-13.0 km depth), $M \geq 2.0$

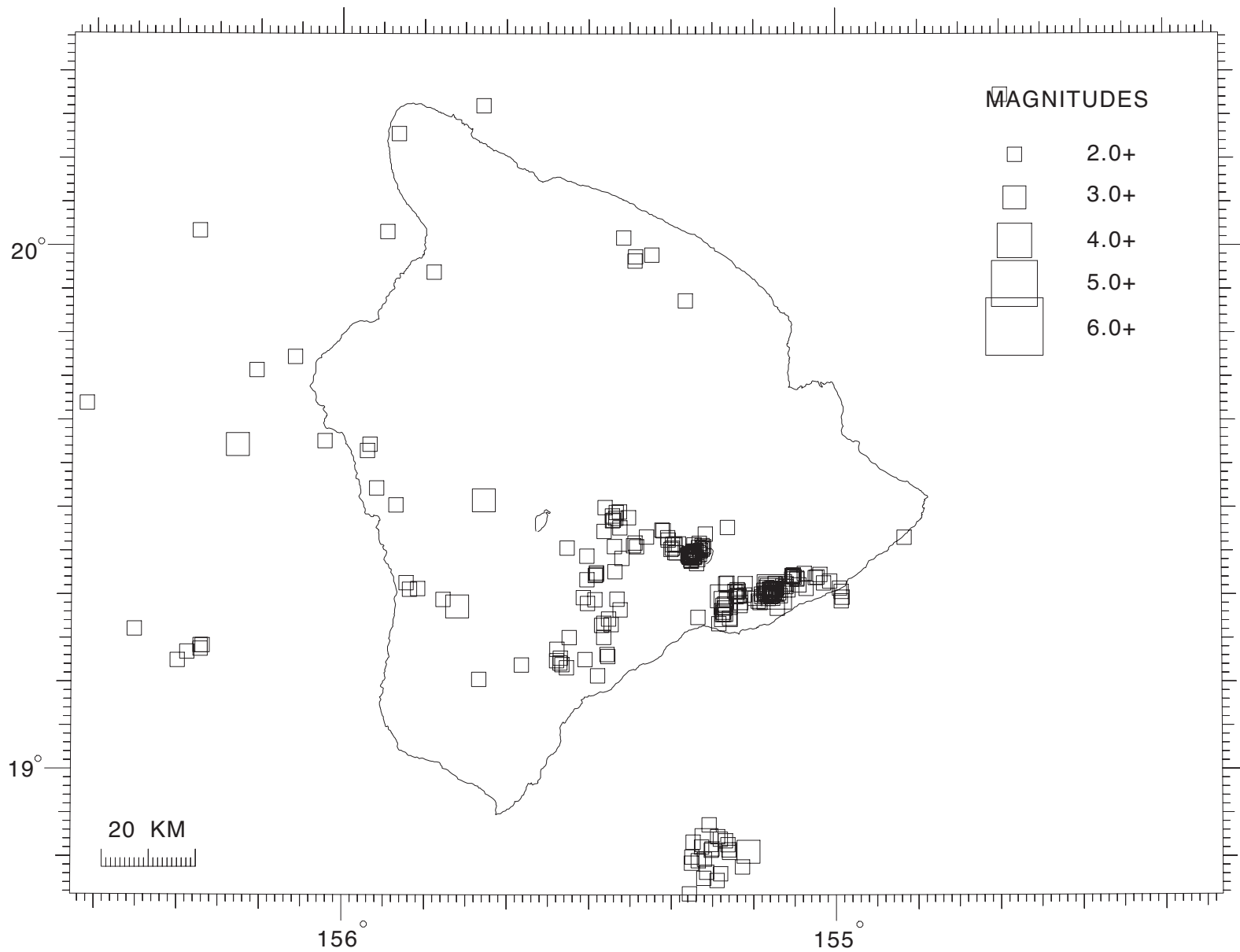


Figure 15. 2004 earthquake locations, Hawai`i Island, deep (13.1-60.0 km depth), $M \geq 2.0$

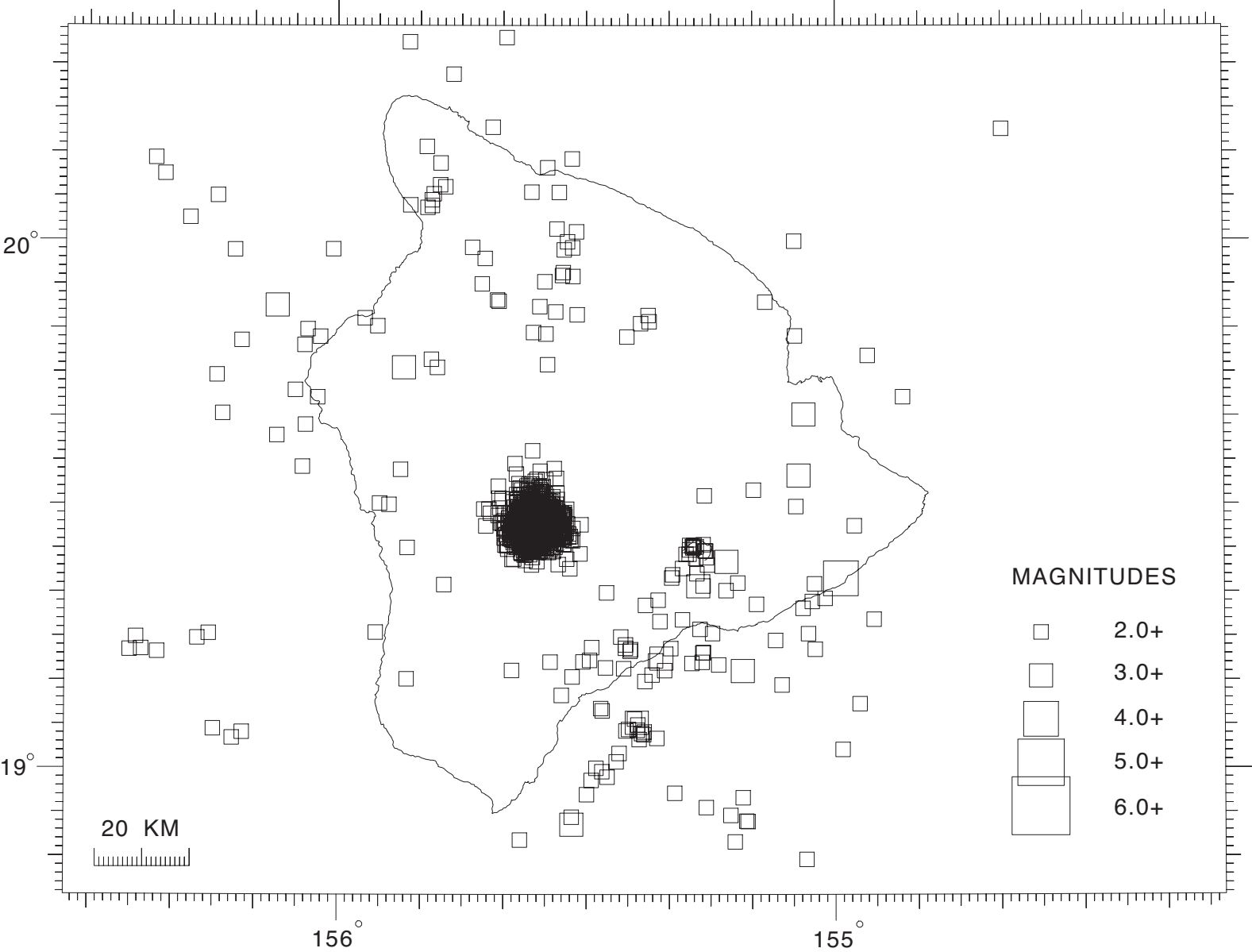


Figure 16. 2004 earthquake locations, Kilauea summit, shallow (0.0-5.0 km depth), $M \geq 1.0$

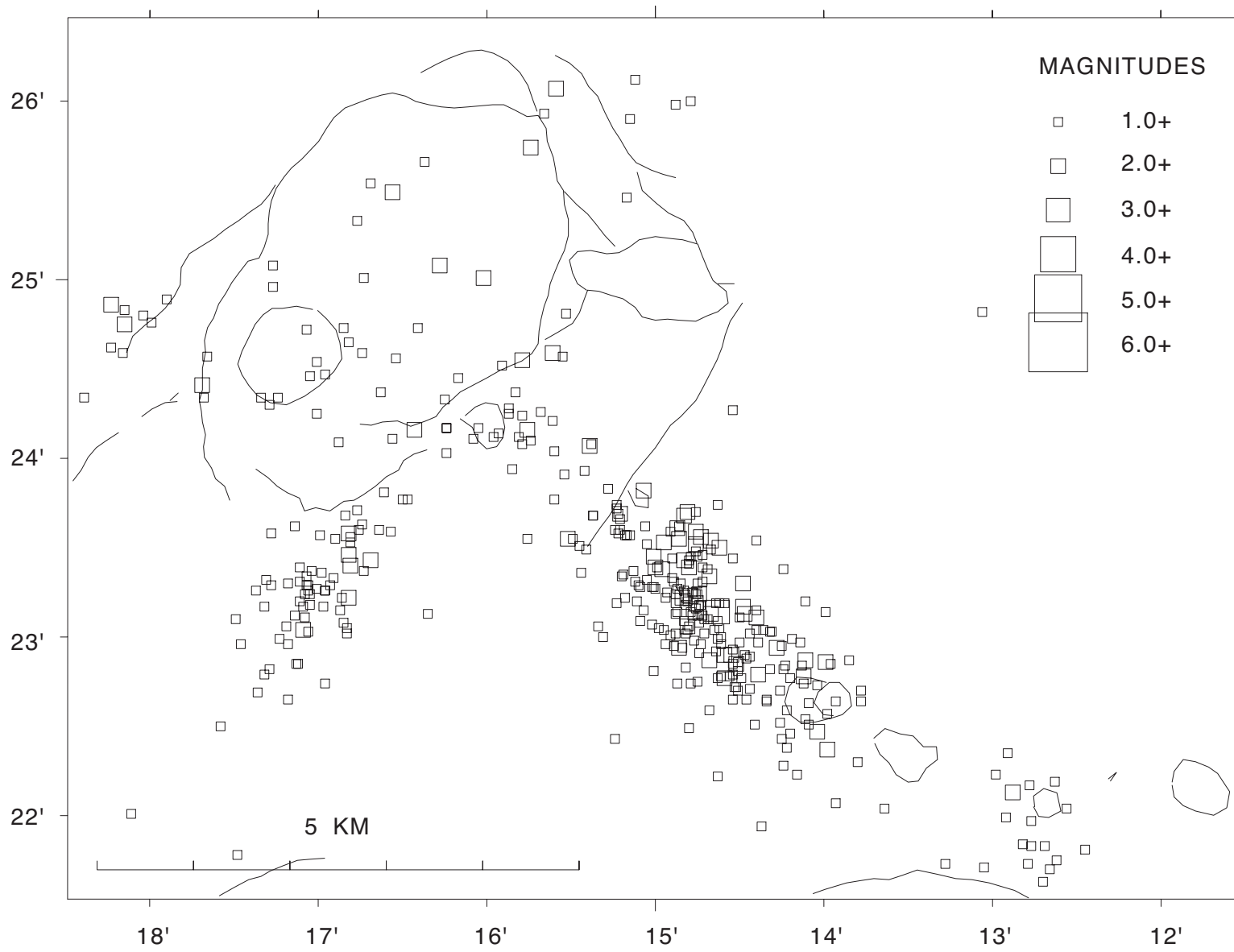


Figure 17. 2004 earthquake locations, Kilauea summit, intermediate (5.1-13.0 km depth), $M \geq 1.0$

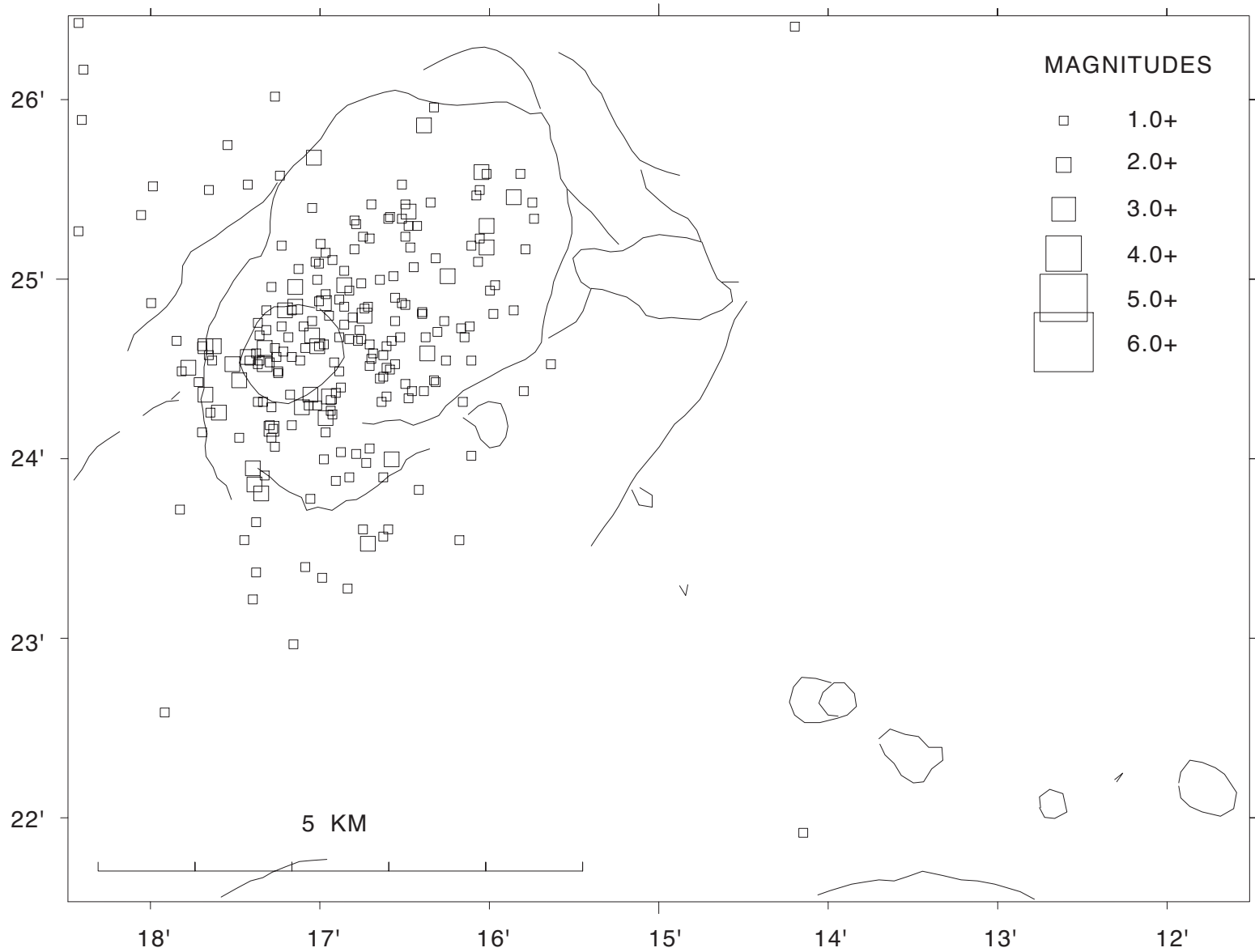


Figure 18 . 2004 earthquake locations, Kilauea summit, deep (13.1-60.0 km depth). $M \geq 1.0$

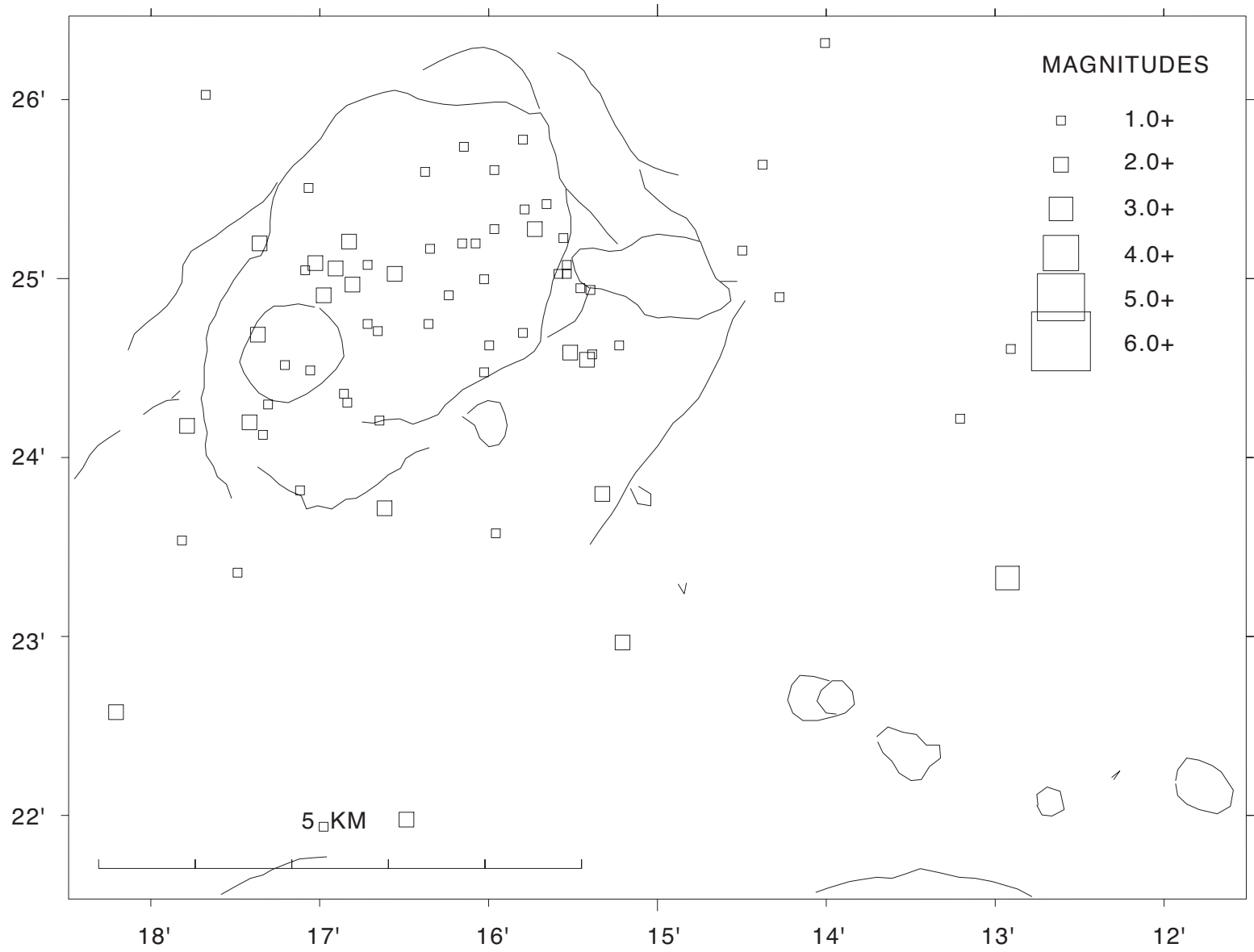


Figure 19. 2004 earthquake locations, Kilauea south flank, shallow (0.0-5.0 km depth), $M \geq 2.0$

29

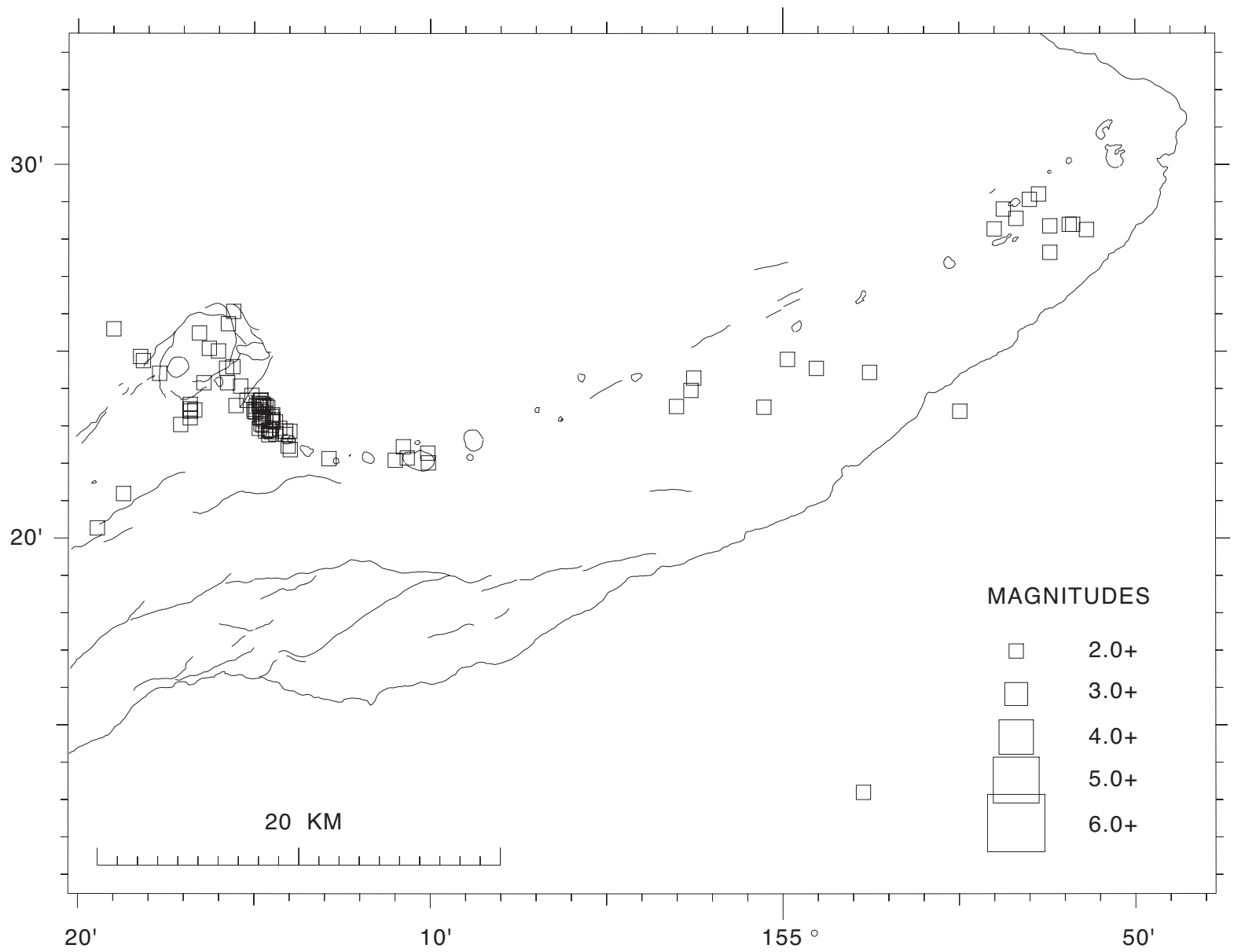


Figure 20. 2004 earthquake locations, Kilauea south flank, intermediate (5.1-13.0 km depth), $M \geq 2.0$

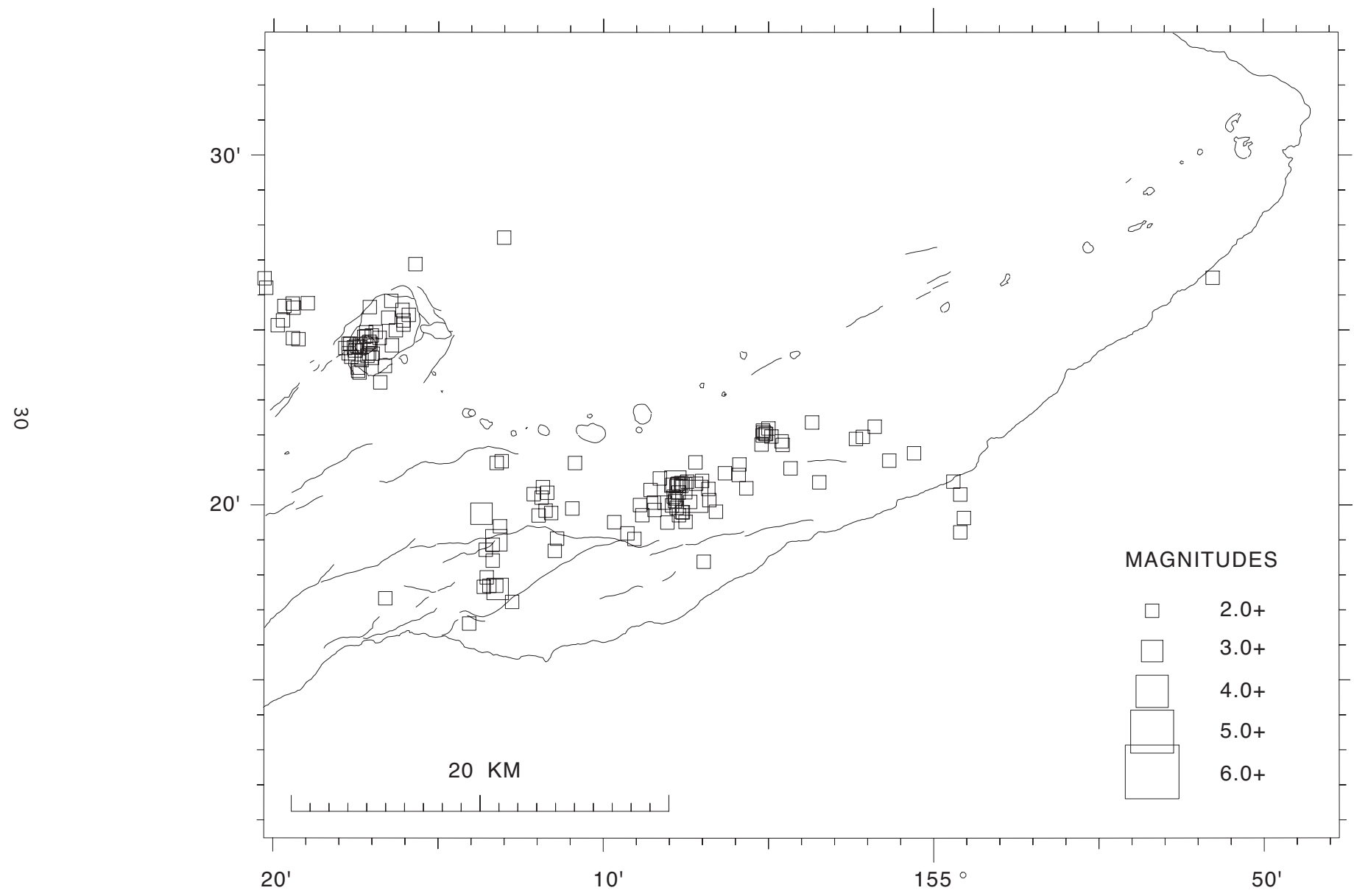


Figure 21. 2004 earthquake locations, Kilauea south flank, deep (13.1-60.0 km depth), $M \geq 2.0$

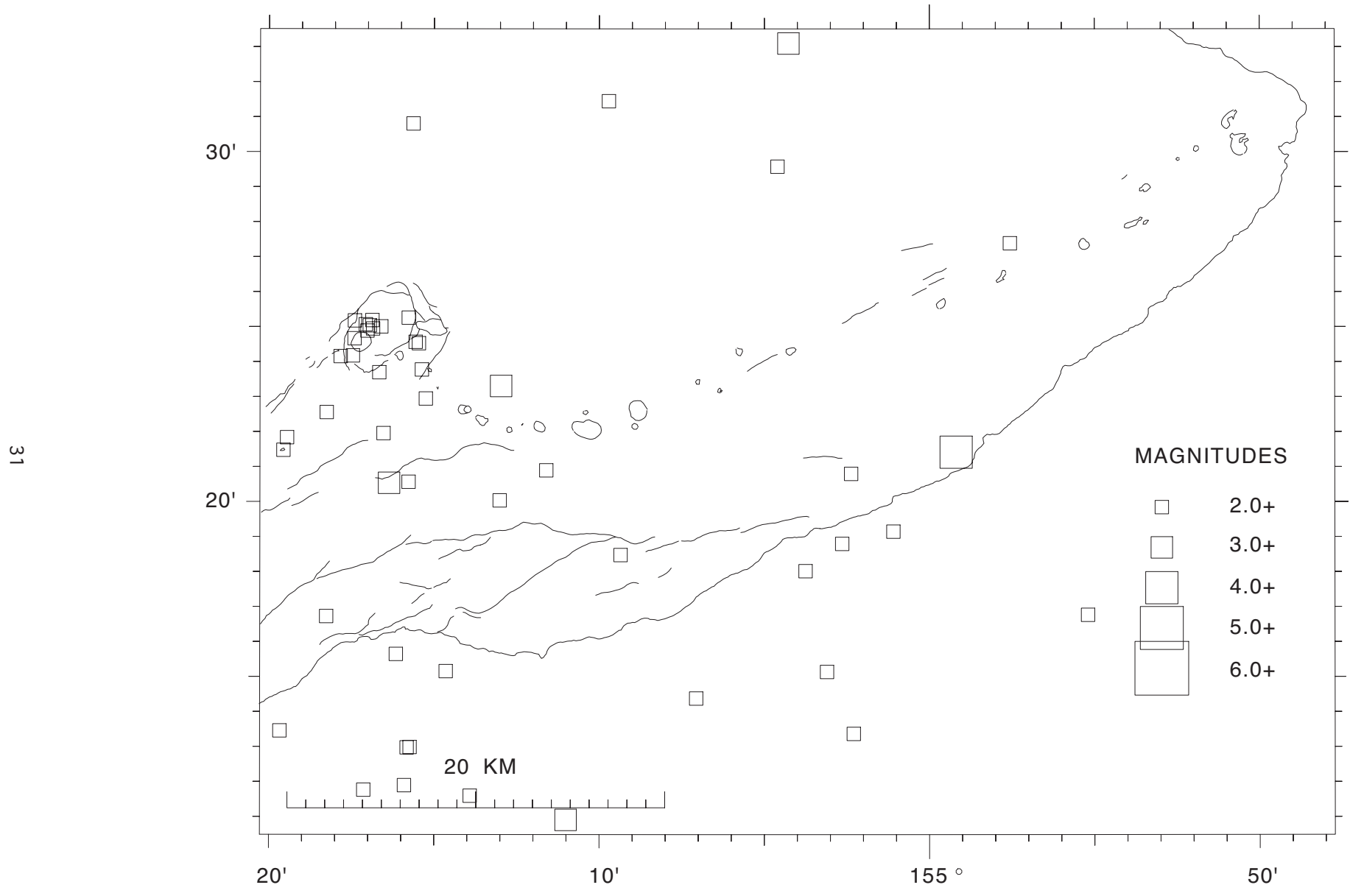


Figure 22 . 2004 earthquake locations, Mauna Loa summit, shallow (0.0-5.0 km depth). $M \geq 2.0$

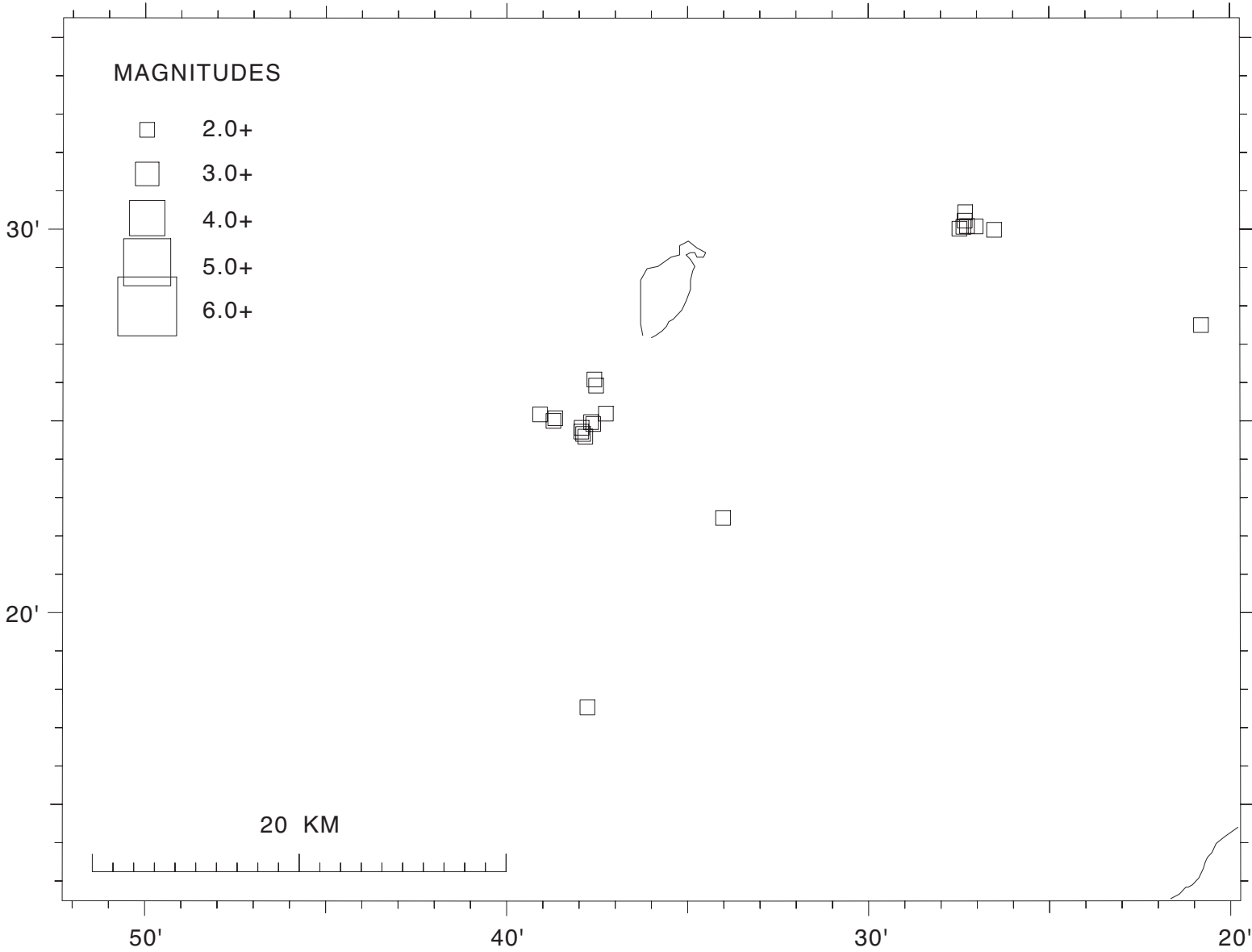


Figure 23. 2004 earthquake locations, Mauna Loa summit, intermediate (5.1-13.0 km depth). $M \geq 2.0$

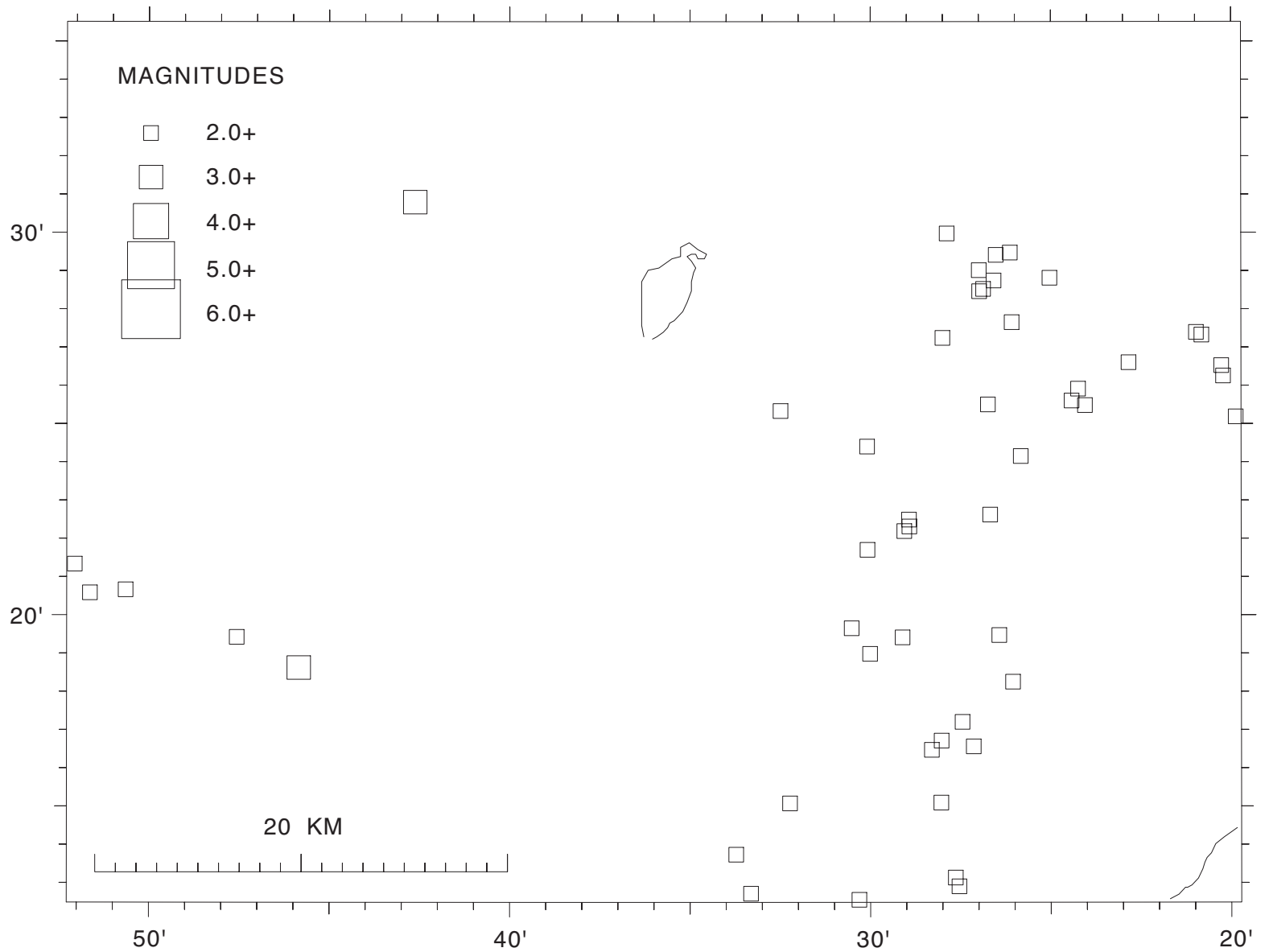


Figure 24. 2004 earthquake locations, Mauna Loa summit, deep (13.1-60.0 km depth). $M \geq 2.0$

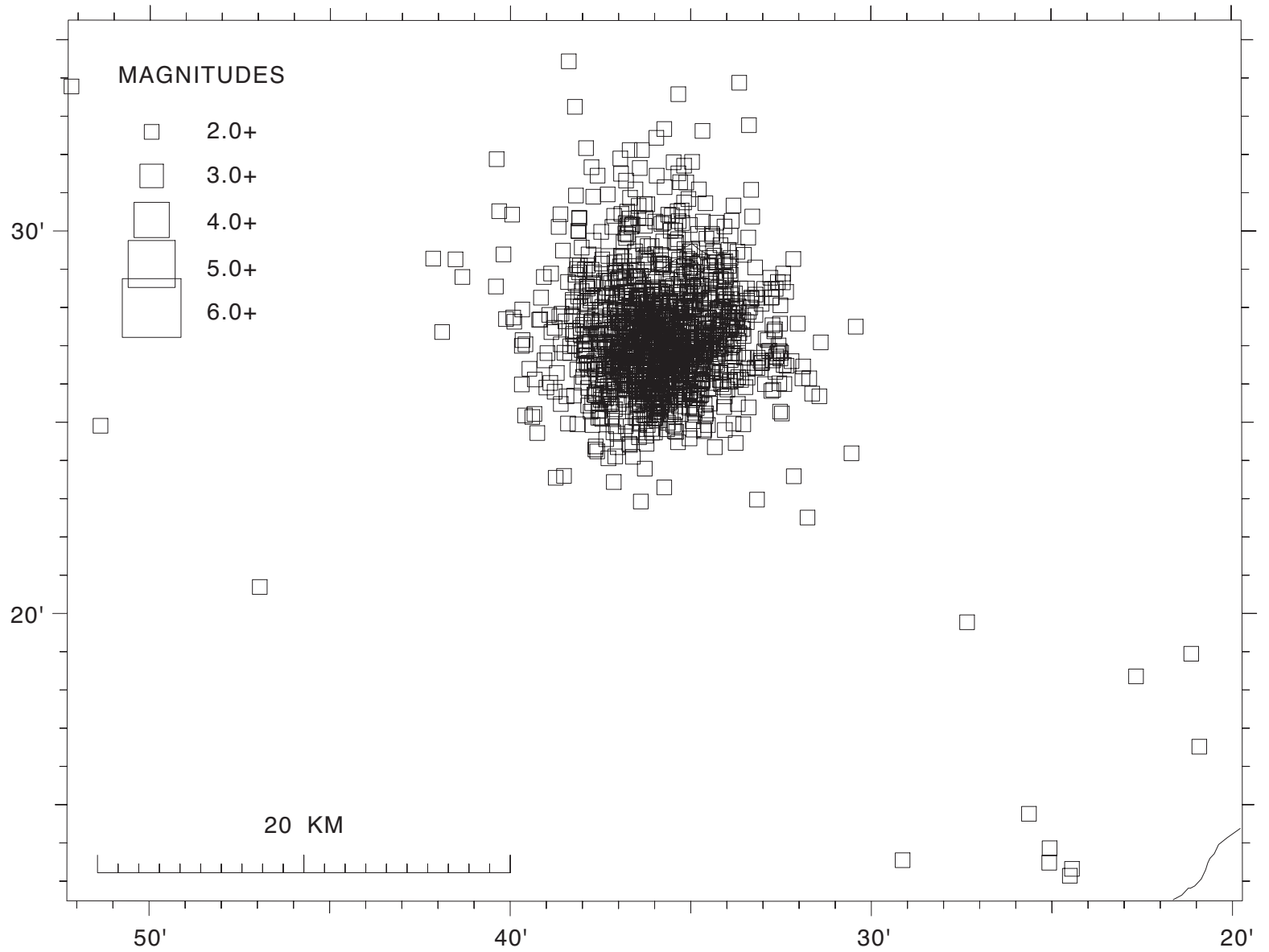


Table 4 is a chronological list of selected events successfully located during 2004. For each event, the following data are presented:

ORIGIN TIME - in Hawaiian Standard Time: date, hour (HR), minute (MN), and second (SEC).

EPICENTER - in degrees and minutes of north latitude (LAT N) and west longitude (LON W) in Old Hawaiian Datum.

DEPTH - Depth of focus in kilometers.

NRD - Number of P & S readings with final weights > 0.1.

NS - Number of S readings with final weights > 0.1

RMS SEC - Root mean square travel time residuals, in seconds.

ERH km - Standard error of the epicenter, in kilometers.

ERZ km - Standard error of depth of focus, in kilometers.

LOC REMKS - Remarks, three-letter code for geographic location of events. See Figures 7-10 for location of mnemonic code. Additional one-letter codes have the following meanings:

- F felt
- L long-period character
- T associated with harmonic tremor
- B quarry or other blast
- # the location program had a convergence problem, which usually means that the depth may be unreliable.
- the depth was held fixed.

PREF MAG – The preferred magnitude chosen from the available magnitudes.
Preference set as: X-amplitude magnitude, if none
D-duration magnitude Develocorder equivalent, if none
U-external magnitude, usually calculated from drum records or from an external source.

AZ GAP - Largest azimuthal gap in degrees between azimuthally adjacent stations.

MIN DS – Distance to the nearest station, in kilometers.

Table 5 is a list of events of magnitude 3.0 or greater, selected from Table 4.

Table 4.

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	JAN	1	0241	19.50	19	52.30	155	35.43	25.73	38	.08	.6	1.3	KEA	2.1X 119 7
2004	JAN	1	0310	19.16	19	21.24	155	4.10	7.64	33	.17	1.0	.7	SF5	1.7X 193 6
2004	JAN	1	0327	34.26	19	12.10	155	29.66	34.99	27	.09	.7	1.3	DLS	1.6X 96 6
2004	JAN	1	0333	26.88	19	12.13	155	29.40	35.63	31	.09	.7	1.1	DLS	2.1X 94 6
2004	JAN	1	0836	26.71	18	57.46	155	34.26	40.06	26	.08	1.0	1.3	DLS	1.8X 240 11
2004	JAN	1	1305	36.31	19	22.92	155	14.64	2.73	17	.04	.3	.3	SEC	1.7X 139 2
2004	JAN	1	1836	13.25	19	28.88	155	27.93	6.93	19	.12	.4	1.7	KAO	1.4X 78 6
2004	JAN	1	1953	50.47	19	18.84	155	8.14	6.47	25	.10	.8	.9	SF4	1.7X 197 8
2004	JAN	2	0114	1.88	19	36.44	155	56.75	9.91	21	.11	1.1	.6	KON	2.1X 219 14
2004	JAN	2	1250	23.81	19	17.77	155	14.11	31.74	35	.10	.8	1.0	DEP	1.7X 98 2
2004	JAN	2	1741	12.18	19	19.30	155	8.30	8.09	34	.09	.5	.7	SF4	1.6X 205 7
2004	JAN	3	0217	52.86	19	21.25	155	8.05	9.06	36	.07	.4	.4	SF4	1.7X 165 4
2004	JAN	3	0521	30.61	19	24.93	155	37.61	2.85	35	.12	.3	.3	MLO	2.5X 109 1
2004	JAN	3	0807	38.31	19	19.25	155	8.68	8.04	35	.09	.6	.8	SF4	1.6X 186 7
2004	JAN	3	1610	33.66	19	4.54	155	20.80	37.41	35	.08	.8	1.3	LOI	1.6X 209 15
2004	JAN	3	1839	27.65	19	18.80	155	11.59	8.70	43	.09	.4	.4	SF3	1.8X 164 5
2004	JAN	4	1346	53.54	19	19.54	155	7.47	8.32	39	.09	.5	.5	SF4	2.3X 187 7
2004	JAN	4	1600	34.83	19	45.39	155	51.82	15.28	44	.11	.6	.9	HUA F	3.4X 201 8
2004	JAN	4	1820	35.54	19	24.62	155	17.70	8.53	28	.11	.5	.6	INT L	1.8X 43 1
2004	JAN	4	1857	29.04	19	23.60	155	16.60	12.28	34	.13	.5	.6	INT L	1.9X 47 1
2004	JAN	4	2231	18.61	19	21.92	155	5.20	8.82	32	.09	.5	.5	SF5	1.7X 177 5
2004	JAN	5	0721	25.98	19	30.10	155	16.37	28.06	31	.11	.6	.9	DEP	1.5X 58 4
2004	JAN	5	0944	15.08	19	39.51	155	55.44	1.97	29	.12	1.5	.9	HUA	1.9X 270 23
2004	JAN	5	1334	43.72	19	28.46	154	53.11	0.76	33	.13	1.8	.7	SLE F	1.9X 269 12
2004	JAN	6	0236	26.10	19	14.26	155	33.70	8.05	39	.11	.3	.7	LSW	1.7X 73 6
2004	JAN	6	0900	35.31	19	24.78	155	19.37	7.07	44	.12	.3	.6	KAO	2.1X 42 2
2004	JAN	6	1028	12.21	19	24.56	155	17.17	10.30	34	.14	.5	.6	INT L	1.9X 51 1
2004	JAN	6	1415	33.34	19	23.40	154	54.98	0.75	40	.10	.7	.3	SLE	2.6X 265 7
2004	JAN	6	1613	55.99	19	19.52	155	11.26	6.88	38	.10	.4	.7	SF3	1.4X 157 6
2004	JAN	6	1946	49.64	19	22.03	155	4.72	9.41	37	.10	.7	.4	SF5	2.0X 178 4
2004	JAN	6	2232	6.27	19	28.71	155	26.96	6.06	29	.13	.4	1.5	KAO	1.5X 59 6
2004	JAN	6	2240	54.46	19	24.34	155	16.95	9.19	34	.08	.4	.5	INT L	2.0X 48 1
2004	JAN	7	0107	23.66	19	23.79	155	3.05	3.46	27	.09	.6	.5	SME	1.8X 165 2
2004	JAN	7	0129	20.10	19	19.54	155	11.82	7.93	32	.07	.4	.6	SF3	1.5X 147 5
2004	JAN	7	1707	52.86	19	10.97	155	20.37	44.50	39	.08	.7	1.0	DEP	2.0X 183 13
2004	JAN	8	2325	49.37	19	24.05	155	37.36	2.74	18	.17	.4	.4	MLO	1.7X 83 1
2004	JAN	9	1447	41.97	19	22.48	155	51.24	25.67	24	.09	1.2	1.8	KON	1.3X 260 20
2004	JAN	9	1947	8.86	19	22.30	154	59.88	1.64	15	.12	1.6	1.2	SLE	1.2X 227 6
2004	JAN	9	1954	54.27	19	22.85	155	0.56	0.92	25	.15	.9	.4	SSF	1.5X 208 5
2004	JAN	9	2036	22.77	19	24.31	155	17.34	7.12	33	.11	.3	.5	INT L	1.9X 61 1
2004	JAN	10	0615	0.20	19	24.31	154	58.85	4.97	23	.09	.8	.8	SLE	1.5X 235 2
2004	JAN	10	0621	59.94	19	14.48	155	26.96	11.90	38	.10	.4	.8	LSW	1.9X 112 6
2004	JAN	10	0645	19.46	19	24.26	155	15.68	3.19	36	.10	.2	.3	SEC	1.9X 50 2
2004	JAN	10	0853	53.02	19	11.24	155	42.32	0.00	27	.19	.7	.3	LSW #	1.5X 176 19
2004	JAN	10	1030	26.16	19	3.39	155	24.11	38.30	29	.08	.9	1.4	LOI	1.8X 207 13

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	JAN	10	2259	5.10	19	19.79	155	6.85	7.07	36	.11	.6	.7	SF4	1.3X 192 7
2004	JAN	11	0529	19.06	18	53.58	155	15.22	6.13	25	.12	1.1	.9	LOI	2.0X 270 37
2004	JAN	11	0540	27.13	19	25.33	155	16.77	4.00	37	.13	.2	.3	SNC L	1.8X 50 1
2004	JAN	11	0614	2.70	19	24.96	155	16.81	22.44	37	.07	.4	.7	DEP	2.1X 50 0
2004	JAN	11	0655	46.75	19	11.88	155	30.15	9.43	33	.10	.4	.9	LSW	1.6X 99 6
2004	JAN	11	1750	49.41	19	11.31	155	25.45	9.40	33	.11	.5	1.1	LSW	1.4X 166 5
2004	JAN	11	1855	14.74	19	28.34	155	25.18	7.22	21	.09	.4	1.1	KAO	1.3X 43 4
2004	JAN	11	2253	27.62	19	21.30	155	18.30	3.17	33	.10	.3	.5	SWR	1.4X 56 5
2004	JAN	12	0419	6.03	19	21.47	155	12.53	1.58	40	.12	.2	.2	SER	2.0X 118 2
2004	JAN	12	0709	13.77	19	18.41	155	13.51	8.33	41	.07	.4	.5	SF2	1.7X 114 3
2004	JAN	12	1059	24.10	19	22.16	155	10.76	3.11	26	.10	.5	.3	SER	1.5X 137 2
2004	JAN	12	1226	38.53	19	11.35	155	29.56	33.53	42	.08	.5	1.1	DLS	1.5X 81 5
2004	JAN	12	1250	23.15	19	24.58	155	16.37	12.24	36	.13	.4	.5	INT L	2.1X 53 1
2004	JAN	12	1957	59.56	19	24.25	155	17.65	8.22	36	.09	.4	.4	INT L	1.9X 44 2
2004	JAN	12	2127	43.56	19	24.65	155	16.78	9.50	37	.10	.4	.5	INT L	1.9X 49 1
2004	JAN	12	2145	30.23	19	23.94	155	17.40	9.40	35	.11	.4	.4	INT L	2.0X 47 1
2004	JAN	12	2149	22.39	19	24.58	155	17.38	10.26	32	.12	.4	.6	INT L	1.7X 43 1
2004	JAN	12	2155	58.43	19	24.79	155	16.74	12.28	35	.13	.4	.5	INT L	2.1X 53 0
2004	JAN	12	2201	28.37	19	24.57	155	17.66	3.80	24	.15	.5	.5	SNC L	1.9X 46 1
2004	JAN	12	2206	1.78	19	24.54	155	16.26	7.28	33	.12	.4	.4	INT L	1.8X 49 1
2004	JAN	12	2211	6.17	19	24.31	155	17.37	8.43	33	.12	.4	.5	INT L	1.9X 48 1
2004	JAN	12	2218	28.14	19	24.35	155	17.06	8.35	35	.10	.4	.5	INT L	2.0X 48 1
2004	JAN	12	2223	29.50	19	24.26	155	16.94	9.40	33	.11	.3	.4	INT L	1.9X 49 1
2004	JAN	12	2227	11.11	19	24.61	155	17.27	8.89	37	.12	.4	.5	INT L	2.0X 47 1
2004	JAN	12	2231	23.28	19	24.75	155	17.37	6.11	37	.11	.3	.5	INT L	1.9X 37 1
2004	JAN	12	2235	19.62	19	24.52	155	17.33	12.40	35	.10	.3	.4	INT L	2.2X 47 1
2004	JAN	12	2239	34.62	19	24.28	155	17.11	12.29	37	.11	.3	.4	INT L	2.0X 48 1
2004	JAN	12	2244	27.48	19	23.99	155	16.58	11.13	32	.11	.4	.5	INT L	2.1X 56 0
2004	JAN	12	2249	7.30	19	24.95	155	17.15	9.64	32	.11	.4	.5	INT L	2.1X 80 0
2004	JAN	12	2255	16.23	19	24.22	155	16.97	10.68	34	.11	.4	.4	INT L	2.2X 48 1
2004	JAN	12	2259	57.75	19	24.84	155	17.15	11.85	37	.11	.4	.5	INT L	2.2X 37 0
2004	JAN	12	2304	34.44	19	24.25	155	17.60	10.55	34	.14	.5	.6	INT L	2.0X 46 2
2004	JAN	12	2310	0.51	19	24.43	155	17.48	8.59	36	.10	.4	.4	INT L	2.1X 43 1
2004	JAN	12	2316	25.69	19	24.47	155	17.25	9.21	37	.12	.3	.5	INT L	2.0X 48 1
2004	JAN	13	0341	28.27	19	50.07	155	21.82	17.57	24	.15	.6	1.7	KEA	1.7X 103 6
2004	JAN	13	0750	37.69	19	20.30	155	7.16	8.25	42	.10	.6	.6	SF4	1.9X 184 6
2004	JAN	14	0335	53.98	19	11.19	155	35.62	1.12	41	.14	.4	.4	LSW	2.0X 134 12
2004	JAN	14	0623	34.35	19	23.73	154	57.34	5.05	36	.13	.9	.7	LER	2.1X 259 4
2004	JAN	14	2338	48.70	19	28.85	155	6.48	13.25	36	.10	.4	.5	DEP	1.6X 98 9
2004	JAN	15	0001	2.97	19	22.96	155	25.14	9.55	42	.10	.3	.5	KAO	1.9X 48 4
2004	JAN	15	0106	47.36	18	58.87	155	27.29	40.31						

---ORIGIN TIME (HST)--- -LAT N-- --LON W-- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JAN	16	0322	0.65	19	21.68	155	7.01	10.62	17	.07	.8	1.2	SF4	1.8X	167	3
2004	JAN	16	0748	56.67	19	28.71	155	26.54	8.18	39	.11	.3	.8	KAO	2.3X	62	6
2004	JAN	16	0823	14.17	19	36.12	155	59.63	6.40	24	.16	1.0	.9	KON	1.6X	250	19
2004	JAN	16	1705	56.87	19	29.59	155	4.56	44.42	37	.10	.7	1.2	DEP	2.1X	116	10
2004	JAN	17	0059	54.31	19	45.41	155	33.28	15.95	24	.09	.5	.8	KEA	1.9X	97	10
2004	JAN	17	0650	30.48	19	22.63	155	30.25	11.39	21	.08	.5	1.1	KAO	1.5X	84	5
2004	JAN	17	1318	51.25	19	26.42	155	29.50	9.54	30	.12	.4	1.0	KAO	1.5X	61	8
2004	JAN	17	2204	58.10	20	10.22	155	27.38	27.05	27	.10	1.1	3.3	KEA	2.0X	236	34
2004	JAN	18	0111	56.37	19	22.17	155	12.78	3.52	19	.05	.4	.3	SER	1.3X	112	1
2004	JAN	18	0441	21.60	19	20.27	155	19.45	4.97	46	.12	.3	1.0	SWR	2.3X	56	5
2004	JAN	18	0443	11.85	19	20.32	155	19.31	2.02	26	.10	.3	.5	SWR	1.2X	105	5
2004	JAN	18	1202	35.14	19	7.48	155	8.63	18.92	32	.11	1.0	2.3	LOI	1.8X	249	20
2004	JAN	18	1639	21.74	19	24.53	155	17.30	6.78	34	.09	.4	.4	INT L	1.6X	51	1
2004	JAN	18	0111	56.37	19	22.17	155	12.78	3.52	19	.05	.4	.3	SER	1.3X	112	1
2004	JAN	19	0231	9.33	19	48.81	155	31.43	22.89	28	.08	.5	1.5	KEA	1.5X	102	8
2004	JAN	19	0353	2.38	19	24.71	155	17.32	7.85	35	.12	.4	.5	INT L	1.7X	41	1
2004	JAN	19	1042	30.98	19	19.60	155	7.90	8.39	39	.09	.5	.6	SF4	1.9X	186	7
2004	JAN	19	1340	58.49	18	57.92	155	28.01	41.64	31	.07	1.1	1.3	DLS	1.8X	231	21
2004	JAN	19	1521	41.48	19	17.04	155	30.16	9.99	35	.09	.3	.9	LSW	1.7X	88	4
2004	JAN	19	1528	48.57	19	9.81	155	32.57	0.00	32	.12	.4	.2	LSW #	1.5X	121	8
2004	JAN	19	1610	3.85	19	25.39	155	17.05	6.61	36	.12	.3	.5	INT L	1.6X	50	1
2004	JAN	19	2012	8.34	19	26.27	155	29.30	11.02	37	.09	.4	.6	KAO	1.9X	60	8
2004	JAN	19	2206	51.25	18	58.65	155	27.79	40.43	36	.08	.8	1.1	DLS	2.0X	226	20
2004	JAN	19	2316	38.93	19	25.49	155	16.06	7.85	20	.11	.7	.7	INT L	1.8X	138	2
2004	JAN	20	1010	24.64	19	23.89	155	16.63	7.77	32	.12	.4	.5	INT L	1.5X	45	0
2004	JAN	20	1106	35.42	19	26.68	155	30.26	10.07	20	.10	.5	1.3	KAO	1.2X	62	9
2004	JAN	20	1409	10.74	19	23.18	155	6.35	9.91	34	.11	.6	.5	SF4	1.5X	154	2
2004	JAN	20	1422	2.80	19	25.33	155	16.52	9.26	24	.12	.7	.6	INT L	1.9X	97	1
2004	JAN	20	1548	59.64	19	23.87	155	16.91	6.39	34	.09	.3	.5	INT L	1.7X	46	1
2004	JAN	20	2228	8.46	19	24.14	155	16.97	10.84	30	.12	.5	.6	INT L	1.8X	48	1
2004	JAN	21	0042	59.52	19	24.41	155	17.69	3.64	32	.10	.3	.3	SSC	2.1X	44	2
2004	JAN	21	0108	21.23	19	25.22	155	0.90	6.99	33	.09	.6	.5	SF5	1.5X	144	4
2004	JAN	21	0252	13.51	19	17.94	155	12.92	9.24	37	.12	.5	.6	SF2	1.3X	158	2
2004	JAN	21	0754	7.89	19	24.62	155	16.61	9.94	31	.11	.4	.4	INT L	1.9X	95	1
2004	JAN	21	1649	14.46	18	51.83	155	15.54	12.19	47	.11	1.0	1.1	LOI	3.4X	262	39
2004	JAN	21	1702	35.85	18	55.41	155	15.37	13.59	26	.10	2.4	1.4	LOI	2.9X	252	34
2004	JAN	21	1739	13.95	19	11.28	155	27.49	44.43	22	.09	.9	1.4	DLS	2.2X	126	3
2004	JAN	21	1803	6.23	18	51.94	155	13.86	11.53	34	.11	1.3	.9	LOI	2.7X	263	41
2004	JAN	21	1843	21.02	18	48.15	155	15.52	11.29	18	.09	1.9	1.3	LOI	2.3X	282	45
2004	JAN	21	1906	13.60	18	51.75	155	13.24	8.09	41	.14	1.0	.6	LOI	2.6X	264	42
2004	JAN	21	1909	41.33	19	55.73	155	31.44	22.32	27	.11	.7	1.7	KEA	2.0X	152	16
2004	JAN	21	1932	35.28	18	48.77	155	11.35	6.90	26	.13	1.3	.6	LOI	1.8X	293	48
2004	JAN	21	1948	44.35	18	50.67	155	14.96	8.16	40	.14	1.1	.6	LOI	2.4X	266	41
2004	JAN	21	2044	30.32	18	47.20	155	14.26	9.20	36	.12	1.1	1.0	LOI	2.3X	275	48
2004	JAN	21	2058	36.02	18	50.69	155	13.17	11.11	30	.12	1.1	.8	LOI	1.9X	267	43

---ORIGIN TIME (HST)--- -LAT N-- --LON W-- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JAN	21	2119	44.88	18	45.67	155	17.61	10.85	39	.10	1.4	1.5	LOI	2.2X	278	47
2004	JAN	21	2130	51.38	18	47.45	155	15.87	10.78	35	.11	1.2	1.3	LOI	2.1X	274	46
2004	JAN	21	2201	34.77	18	51.04	155	16.13	10.30	41	.13	1.1	.6	LOI	2.3X	265	40
2004	JAN	21	2227	18.80	18	53.80	155	13.58	8.16	27	.13	1.0	.7	LOI	1.8X	258	38
2004	JAN	22	0100	37.61	18	47.97	155	13.83	9.18	38	.14	1.1	1.0	LOI	2.2X	273	47
2004	JAN	22	0221	36.58	18	49.47	155	16.54	12.29	29	.11	2.0	1.8	LOI	2.5X	268	42
2004	JAN	22	0232	33.25	18	52.22	155	14.19	10.34	20	.11	1.5	.9	LOI	2.3X	262	40
2004	JAN	22	0344	57.29	18	49.19	155	17.36	11.85	21	.13	2.6	1.8	LOI	2.2X	269	42
2004	JAN	22	0550	24.33	20	3.77	155	48.44	25.36	18	.10	1.0	1.7	KOH	2.2X	196	8
2004	JAN	22	0607	9.83	18	49.64	155	15.79	11.07	13	.09	1.3	.9	LOI	2.0X	288	42
2004	JAN	22	0728	44.02	19	24.99	155	39.02	4.51	13	.11	.8	4.8	MLO	1.3X	197	6
2004	JAN	22	1053	49.91	18	49.12	155	15.93	9.39	17	.08	1.7	1.0	LOI	1.9X	282	43
2004	JAN	22	1234	18.60	18	49.89	155	17.31	6.87	17	.10	2.5	.9	LOI	2.4X	301	41
2004	JAN	22	1450	3.79	19	20.79	155	11.83	8.44	33	.13	.4	.6	SF3	1.9X	133	4
2004	JAN	22	1555	10.08	18	50.71	155	12.81	10.72	18	.12	1.9	1.2	LOI	2.5X	288	44
2004	JAN	22	1613	39.29	18	51.60	155	17.16	11.67	22	.13	3.0	1.5	LOI	2.3X	262	38
2004	JAN	22	1802	31.24	18	50.49	155	10.45	10.41	34	.13	1.3	.9	LOI	3.2X	270	47
2004	JAN	22	2003	18.82	19	37.61	155	15.67	12.88	31	.14	.4	.8	KEA	1.8X	87	20
2004	JAN	23	0829	32.87	19	13.58	155	29.15	39.01	48	.10	.5	.9	DLS	2.7X	87	3
2004	JAN	23	0837	38.12	19	25.85	155	16.39	9.53	22	.11	.5	.7	INT L	2.0X	95	2
2004	JAN	23	1119	2.66	19	24.80	155	16.40	10.23	28	.11	.5	.5	INT L	1.9X	165	1
2004	JAN	23	1143	55.88	19	25.33	155	16.60	8.87	29	.11	.5	.6	INT L	1.6X	103	1
2004	JAN	23	1152	44.66	19	24.18	155	17.30	7.75	28	.10	.4	.6	INT L	1.7X	74	1
2004	JAN	23	1158	53.99	19	24.56	155	16.54	4.27	35	.16	.3	.3	SNC L	1.9X	52	1
2004	JAN	23	1221	46.77	19	24.50	155	16.61	6.81	32	.14	.4	.5	INT L	1.5X	99	1
2004	JAN	23	1227	52.86	19	24.60	155	12.91	13.61	27	.11	.9	.3	DEP	2.0X	234	4
2004	JAN	23	1232	17.91	19	24.63	155	16.98	7.27	31	.11	.4	.5	INT L	1.9X	59	1
2004	JAN	23	1309	36.96	19	25.17	155	16.47	5.80	25	.11	.4	.4	INT L	1.8X	97	1
2004	JAN	23	1404	7.37	19	24.68	155	17.05	8.83	20	.08	.6	.4	INT L	2.1X	79	0
2004	JAN	23	1446	2.33	19	24.61	155	17.33	7.71	21	.09	.5	.6	INT L	2.0X	88	1
2004	JAN	23	1514	26.84	19	24.65	155	16.58	8.24	22	.09	.7	.5	INT L	1.7X	95	1
2004	JAN	23	1520	57.25	19	24.57	155	16.63	8.07	20	.11	.5	.4	INT L	1.8X	98	1
2004	JAN	23	1530	46.04	19	25.34	155	16.59	11.39	24	.13	.6	.5	INT L	1.8X	101	1
2004	JAN	23	1547	11.07	19	24.62	155	17.63	12.34	26	.12	.6	.6	INT L	2.1X	49	1
2004	JAN	23	2056	54.83	19	26.07	155	15.59	1.18	35	.09	.2	.3	SNC F	2.3X	57	3
2004	JAN	23	2230	50.32	19	24.59	155	16.74	1.83	20	.12	.4	.2	SNC	1.3		

---ORIGIN TIME (HST)--- -LAT N-- --LON W-- DEPTH N RMS ERH ERZ LOC													---ORIGIN TIME (HST)--- -LAT N-- --LON W-- DEPTH N RMS ERH ERZ LOC																								
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	PREF	AZ	MIN	YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	PREF	AZ	MIN		
2004	JAN	24	2356	12.02	19	16.64	155	26.18	9.59	41	.12	.4	.6	LSW	1.9X	105	7	2004	FEB	1	1947	54.35	19	16.90	155	12.32	1.48	32	.12	.6	.2	SSF	1.6X	187	2		
2004	JAN	25	0125	54.07	19	18.18	155	30.09	9.65	39	.08	.3	.5	LSW	1.7X	82	6	2004	FEB	1	2016	37.06	19	17.90	155	13.14	7.36	36	.10	.4	.7	SF2	1.4X	138	2		
2004	JAN	25	0203	22.90	19	49.14	155	30.45	22.81	25	.12	1.0	1.4	KEA	1.5X	177	7	2004	FEB	2	0552	51.28	18	50.58	155	10.93	7.11	32	.12	.9	.5	LOI	1.9X	269	46		
2004	JAN	25	1214	4.31	20	3.56	155	48.97	25.00	34	.11	.9	1.3	KOH	2.6X	202	9	2004	FEB	2	0845	23.06	19	17.68	155	12.60	6.49	24	.10	.5	1.0	SF2	1.4X	172	2		
2004	JAN	26	0235	38.23	18	45.97	155	14.14	7.07	25	.14	1.4	.7	LOI	1.9X	297	50	2004	FEB	2	0954	56.79	19	28.15	155	56.02	14.04	18	.12	1.6	.6	KON	1.2X	258	26		
2004	JAN	26	0726	59.01	18	42.61	155	4.57	15.42	24	.12	4.9	9.0	LOI	2.3X	300	64	2004	FEB	2	1704	14.90	19	22.86	155	14.51	3.43	20	.06	.3	.3	SEC	1.3X	108	3		
2004	JAN	26	1017	22.49	19	22.63	155	30.40	9.38	34	.07	.3	.7	KEA	1.6X	86	5	2004	FEB	2	2216	22.19	19	24.32	155	16.94	8.23	27	.13	.5	.6	INT	L	1.4X	92	1	
2004	JAN	26	1117	3.77	19	50.89	155	22.55	30.71	37	.13	.7	1.4	KEA	1.9X	89	6	2004	FEB	2	2312	35.66	19	24.73	155	16.12	8.23	28	.10	.5	.5	INT	L	1.4X	109	2	
2004	JAN	26	1408	22.04	18	48.75	155	11.18	8.85	37	.13	1.2	.7	LOI	2.5X	273	48	2004	FEB	3	0138	49.08	19	19.67	155	7.67	7.74	36	.12	.6	.8	SF4	1.8X	188	7		
2004	JAN	26	2042	0.34	19	25.86	155	30.02	10.20	32	.10	.4	.9	KEA	1.2X	64	7	2004	FEB	3	0709	10.37	19	19.01	155	13.20	10.63	46	.12	.5	.4	SF2	F	3.2X	168	7	
2004	JAN	27	0341	21.44	19	48.04	155	47.35	13.41	35	.12	.8	.5	HUA	2.0X	158	14	2004	FEB	3	0710	45.18	19	17.95	155	13.49	8.68	43	.10	.4	.4	SF2	2.2X	116	2		
2004	JAN	27	0520	45.00	19	16.36	155	28.77	11.39	30	.10	.4	1.0	LSW	1.7X	85	3	2004	FEB	3	1548	53.12	18	59.88	155	28.63	38.07	39	.08	.9	1.3	DLS	2.1X	223	18		
2004	JAN	27	0934	58.74	19	18.84	155	14.73	7.94	40	.11	.4	.6	SF1	1.5X	88	4	2004	FEB	3	1643	25.44	19	49.36	155	36.19	15.67	43	.11	.5	.7	KEA	2.1X	102	7		
2004	JAN	27	2128	38.24	19	22.46	155	28.89	10.46	44	.10	.3	.5	KAO	2.4X	61	2	2004	FEB	3	1912	29.46	19	30.44	155	40.15	28.18	39	.10	.6	.9	DML	1.9X	91	8		
2004	JAN	27	2231	7.84	19	22.30	155	5.01	7.02	41	.11	.5	.5	SF5	1.5X	173	4	2004	FEB	3	2204	44.67	18	58.03	155	28.48	37.30	31	.09	1.0	1.4	DLS	1.4X	238	21		
2004	JAN	28	0738	43.21	19	30.76	155	48.28	15.37	19	.13	1.3	.6	KON	1.4X	210	20	2004	FEB	3	2228	45.36	19	24.63	155	16.71	11.52	32	.09	.4	.5	INT	L	1.6X	52	1	
2004	JAN	28	0800	10.78	19	10.98	155	38.79	15.12	36	.11	.4	.5	DLS	2.3X	89	13	2004	FEB	3	2301	11.16	18	53.45	155	13.81	10.68	28	.13	1.3	.5	LOI	1.6X	283	39		
2004	JAN	28	1500	13.16	19	14.12	156	16.99	5.45	39	.12	2.1	2.9	KON	F	2.5X	275	62	2004	FEB	3	2332	42.54	19	24.66	155	16.83	11.77	32	.10	.4	.4	INT	L	1.7X	89	1
2004	JAN	28	1737	12.91	19	11.91	155	33.76	1.07	25	.10	.7	.4	LSW	1.5X	215	9	2004	FEB	4	1323	12.15	19	20.63	155	50.60	12.60	38	.14	.7	.4	KON	F	2.4X	205	19	
2004	JAN	28	2103	13.66	19	19.39	155	7.81	7.61	31	.09	.6	.9	SF4	1.5X	212	7	2004	FEB	4	1425	35.04	19	22.96	155	17.18	2.30	15	.07	.2	.3	SSC	1.3X	92	1		
2004	JAN	28	2310	53.32	20	4.42	155	48.45	26.46	35	.12	1.0	1.3	KOH	2.3X	200	7	2004	FEB	4	1643	46.70	18	57.06	155	7.60	15.63	28	.18	2.3	8.8	LOI	1.7X	258	38		
2004	JAN	29	1209	50.78	19	50.05	156	4.03	10.06	24	.10	1.2	.7	HUA	1.9X	304	29	2004	FEB	4	2123	9.21	19	27.51	154	52.81	2.94	20	.18	2.5	3.0	SLE	F	1.6X	271	11	
2004	JAN	30	0407	16.17	19	19.26	155	30.75	10.06	34	.08	.3	.8	KAO	1.6X	80	8	2004	FEB	4	2328	59.25	19	11.69	155	41.83	0.02	19	.20	.6	.8	LSW	#	1.5X	107	9	
2004	JAN	30	0524	1.66	19	26.42	155	18.43	6.65	35	.10	.4	.7	INT	1.8X	72	2	2004	FEB	4	2342	23.57	19	24.95	155	36.75	1.37	13	.10	.3	.5	MLO	1.3X	93	2		
2004	JAN	30	0612	21.29	19	13.70	155	29.54	40.79	32	.09	.6	1.3	DLS	1.5X	93	3	2004	FEB	5	0019	29.30	19	21.43	154	59.15	37.64	43	.11	.8	.6	LER	F	4.1U	241	7	
2004	JAN	31	0221	28.54	19	19.90	155	7.86	9.35	37	.06	.5	.4	SF4	1.6X	184	6	2004	FEB	5	0213	17.08	19	27.17	154	52.96	1.11	19	.14	2.4	1.5	SLE	1.8X	272	11		
2004	JAN	31	1543	8.05	19	24.81	155	16.40	9.15	28	.10	.4	.5	INT	L	1.6X	105	1	2004	FEB	5	0937	24.40	19	25.15	155	36.91	1.95	17	.16	.4	.5	MLO	1.6X	80	2	
2004	JAN	31	1558	0.86	19	11.50	155	28.16	12.64	27	.10	.5	.5	LSW	1.5X	140	4	2004	FEB	5	1249	34.12	19	47.01	155	20.83	34.80	27	.11	.8	1.9	KEA	1.9X	103	12		
2004	JAN	31	1625	31.45	19	24.45	155	16.63	8.51	28	.12	.4	.5	INT	L	1.7X	90	1	2004	FEB	5	2241	25.57	18	53.41	155	15.66	16.06	17	.13	1.6	7.3	LOI	1.8X	258	37	
2004	JAN	31	1707	53.57	19	24.91	155	16.97	7.19	35	.11	.3	.4	INT	L	1.9X	50	0	2004	FEB	5	2244	27.60	19	19.28	155	10.03	6.51	41	.12	.5	.6	SF3	1.8X	175	7	
2004	JAN	31	1713	43.63	18	51.30	155	12.94	9.72	36	.13	1.2	.6	LOI	2.0X	266	43	2004	FEB	5	2348	32.60	19	12.98	155	24.48	33.60	25	.10	1.0	1.5	DEP	2.0X	212	11		
2004	JAN	31	1722	50.09	19	25.52	155	17.43	7.29	27	.14	.4	.5	INT	L	1.5X	62	0	2004	FEB	6	0431	24.52	19	24.54	155	17.42	9.77	37	.10	.3	.4	INT	L	1.9X	42	1
2004	JAN	31	1731	35.52	19	24.80	155	15.98	12.70	31	.11	.5	.4	INT	L	1.9X	108	2	2004	FEB	6	0525	44.49	19	25.51	155	17.99	7.14	31	.14	.5	.6	INT	L	1.9X	63	1
2004	JAN	31	1742	58.21	19	24.82	155	17.32	8.65	26	.09	.4	.6	INT	L	1.6X	99	1	2004	FEB	6	1008	15.34	19	9.35	155	22.46	49.88	19	.11	1.6	1.3	LOI	1.0X	258	20	
2004	JAN	31	1755	59.16	19	25.16	155	16.80	8.84	30	.10	.5	.4	INT	L	1.6X	100	1	2004	FEB	6	1327	5.90	19	22.96	155	17.16	10.65	19	.10	.7	.8	INT	L	1.8X	83	2
2004	JAN	31	1805	40.80	19	23.71	155	17.83	10.11	29	.11	.4	.3	INT	L	1.8X	46	2	2004	FEB	6	1428	34.61	19	22.71	155	2.02	8.22	35	.11	.6	.4	SF5	1.5X	191	5	
2004	JAN	31	1821	13.37	19	24.96	155	15.97	9.13	35	.11	.3	.4	INT	L	1.9X	51	2	2004	FEB	6	1555	22.38	19	28.40	154	51.77	1.31	23	.17	2.7	1.4	SLE	F	2.2X	276	14
2004	JAN	31	1829	16.25	19	25.18	155	17.23	9.34	26	.13	.5	.7	INT	L	1.5X	90	1	2004	FEB	6	1649	33.26	18	56.53	155	10.94	13.50	44	.16	1.6	2.5	LOI	2.9X	254	38	
2004	JAN	31	1846	27.34	19	24.57	155	17.66	9.08	29	.13	.5	.6	INT	L	1.7X	46	1	2004	FEB	6	1839	50.07	19	24.00	155	38.05	8.65	17	.17	.7	1.3	MLO	1.4X	95	1	
2004	FEB	1	0131	41.84	19	28.05	155	51.09	10.72	21	.13	1.0	.6	KON	1.5X	241	10	2004	FEB	7	0118	58.19	18	53.47	155	16.16	14.94	20	.11	2.0	4.9	LOI	1.8X	257	36		
2004	FEB	1	0416	49.22	19	9.29	155	38.19	0.12	26	.14	.5	.3	LSW	1.6X	150	18	2004	FEB	7	0209	13.64	18	53.96	155	16.00	16.49	30	.10	1.612	.5	LOI	-	1.9X	256	35	
2004	FEB	1	0739	49.66	19	14.31	155	21.49	9.94	31	.10	.4	.8																								

---ORIGIN TIME (HST)--- -LAT N--- --LON W--- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	FEB	7	0835	23.68	19	18.88	155	13.31	9.21	41	.12	.6	.4	SF2	2.1X	120	3
2004	FEB	7	1026	0.57	18	52.76	155	15.63	11.89	21	.13	3.0	1.5	LOI	1.8X	259	38
2004	FEB	7	1210	41.87	19	24.44	155	16.65	6.80	21	.08	.5	.5	INT L	1.6X	97	1
2004	FEB	7	1254	14.71	19	24.76	155	17.05	8.87	34	.12	.3	.5	INT L	2.0X	52	0
2004	FEB	7	1334	5.25	19	26.97	155	29.36	10.32	37	.10	.4	.9	KAO	1.8X	58	9
2004	FEB	7	1447	37.96	18	57.12	155	15.80	13.50	35	.12	1.1	.5	LOI	1.7X	287	31
2004	FEB	7	1612	38.74	19	23.34	155	1.81	7.55	30	.09	.6	.5	SF5	1.4X	183	4
2004	FEB	7	2300	7.26	19	36.31	155	16.69	13.38	37	.11	.4	.8	KEA	1.4X	79	16
2004	FEB	8	0417	22.17	19	24.96	155	16.86	10.50	31	.11	.6	.5	INT L	2.0X	86	0
2004	FEB	8	0738	42.66	19	19.37	155	9.92	7.65	39	.11	.5	.7	SF3	2.0X	175	8
2004	FEB	8	0739	35.40	19	37.12	156	12.52	10.87	46	.12	1.0	.9	KON F	3.7X	257	40
2004	FEB	8	1217	51.19	19	24.78	155	16.81	10.06	30	.12	.5	.6	INT L	1.8X	97	0
2004	FEB	8	1512	19.93	19	24.82	155	26.02	8.78	33	.10	.4	.9	KAO	1.6X	52	5
2004	FEB	8	2038	15.96	18	57.90	155	11.89	46.03	31	.08	1.3	1.7	LOI	1.8X	265	35
2004	FEB	8	2058	13.11	19	24.11	155	16.56	3.66	32	.16	.4	.3	SSC L	1.9X	87	0
2004	FEB	8	2115	11.38	19	3.27	155	21.31	43.16	46	.10	.8	1.1	LOI F	2.3X	213	16
2004	FEB	8	2217	38.44	19	28.21	155	36.62	10.27	16	.13	.6	.9	MLO T	1.7X	95	2
2004	FEB	9	0952	16.62	19	21.51	155	10.98	1.13	21	.11	.4	.5	SER	1.4X	136	4
2004	FEB	9	1057	14.74	19	16.08	155	25.28	8.54	27	.11	.5	1.1	LSW	1.3X	116	8
2004	FEB	9	1142	30.32	19	24.87	155	17.01	11.42	32	.09	.4	.5	INT L	1.4X	73	0
2004	FEB	9	1650	25.44	19	13.36	156	24.79	40.50	32	.12	1.2	2.9	DIS	2.1X	285	75
2004	FEB	9	1955	37.93	19	22.09	155	11.00	2.50	37	.09	.4	.5	SER	2.1X	130	4
2004	FEB	10	0057	3.01	19	24.99	155	16.03	13.85	34	.11	.4	.4	DEP L	1.6X	55	2
2004	FEB	10	0109	31.71	19	9.03	155	27.01	30.63	32	.08	.6	1.3	DLS	1.6X	174	2
2004	FEB	10	0749	19.93	19	16.78	154	55.16	37.05	42	.10	1.0	.8	LER	2.3X	261	17
2004	FEB	10	1314	52.56	19	25.05	155	17.13	9.06	25	.10	.5	.6	INT L	1.4X	92	0
2004	FEB	10	1733	12.46	19	24.66	155	0.75	2.78	31	.11	.7	.7	SME	1.5X	162	4
2004	FEB	10	1938	21.52	19	47.45	156	10.73	45.23	24	.12	1.4	2.3	HUA	1.9X	277	37
2004	FEB	10	2312	15.78	19	24.67	155	17.19	11.80	30	.11	.6	.6	INT L	1.4X	54	1
2004	FEB	10	2331	49.85	19	23.11	155	17.08	2.45	18	.07	.3	.2	SSC	1.2X	58	1
2004	FEB	11	0010	57.23	19	20.16	155	8.41	6.65	36	.11	.5	1.0	SF4	1.7X	176	6
2004	FEB	11	0039	10.59	19	22.43	155	29.94	9.62	40	.09	.4	.6	KAO	1.5X	62	4
2004	FEB	11	0646	15.94	19	54.88	155	42.39	29.58	44	.10	.6	1.3	KEA F	2.7X	134	8
2004	FEB	11	0814	34.00	19	21.01	155	4.56	8.60	35	.10	.4	.5	SF5	1.8X	190	6
2004	FEB	11	0831	54.59	19	19.08	155	11.47	6.20	33	.12	.5	1.0	SF3	1.3X	170	5
2004	FEB	11	1029	36.75	19	16.44	155	28.26	10.00	44	.13	.3	.6	LSW	2.2X	89	4
2004	FEB	11	1222	33.75	19	24.31	155	16.64	10.06	31	.10	.4	.4	INT L	1.2X	89	1
2004	FEB	11	1516	53.09	20	22.36	155	51.15	38.60	47	.13	1.0	1.0	KOH	3.0X	312	28
2004	FEB	11	1607	2.95	19	22.52	155	4.71	2.70	35	.11	.6	.5	SME	1.8X	172	4
2004	FEB	11	1822	48.46	19	3.50	155	22.80	36.71	34	.08	.9	1.3	LOI	1.6X	209	14
2004	FEB	11	1823	23.23	19	3.51	155	22.95	36.53	34	.08	.8	1.3	LOI	1.6X	209	14
2004	FEB	11	1828	28.87	19	3.83	155	23.12	36.14	33	.08	.8	1.3	LOI	1.5X	207	13
2004	FEB	11	1829	30.68	19	3.30	155	23.14	37.22	36	.10	.8	1.3	LOI	1.6X	210	14
2004	FEB	11	2141	47.48	19	24.99	155	17.02	11.47	28	.12	.4	.6	INT L	1.6X	94	0
2004	FEB	12	0123	16.39	19	21.99	155	12.92	3.63	18	.06	.6	.3	SER	1.4X	112	1

---ORIGIN TIME (HST)--- -LAT N--- --LON W--- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	FEB	12	0224	15.96	19	24.89	155	16.56	8.91	28	.11	.5	.5	INT L	1.4X	94	1
2004	FEB	12	1246	20.22	19	21.75	155	5.17	7.48	42	.12	.6	.5	SF5	2.3X	175	5
2004	FEB	12	1745	45.32	19	24.42	155	17.72	10.33	29	.14	.5	.7	INT L	1.3X	44	2
2004	FEB	12	2246	1.07	19	24.54	155	17.01	1.88	24	.09	.3	.2	SSC	1.5X	92	1
2004	FEB	13	0716	36.26	19	19.75	155	8.28	6.59	36	.11	.6	1.0	SF4	1.6X	183	7
2004	FEB	13	0937	48.43	19	20.27	155	7.53	8.17	36	.11	.6	.8	SF4	1.4X	182	6
2004	FEB	13	1408	4.16	19	19.88	155	8.30	8.62	37	.08	.5	.7	SF4	1.7X	181	6
2004	FEB	13	1905	58.69	19	25.44	154	56.40	2.06	37	.12	.7	.3	SLE	1.6X	259	4
2004	FEB	13	1935	28.76	19	25.29	155	16.43	9.07	35	.12	.4	.5	INT L	1.4X	55	1
2004	FEB	14	0031	11.67	19	21.49	155	18.50	3.39	24	.11	.3	.7	SWR	1.3X	72	4
2004	FEB	14	0120	44.25	19	25.41	155	16.50	9.78	30	.13	.5	.5	INT L	1.3X	117	1
2004	FEB	14	0719	19.11	19	19.18	155	10.23	7.10	33	.10	.5	.9	SF3	1.3X	175	7
2004	FEB	14	1736	48.20	19	32.15	155	55.62	12.83	38	.11	.8	.5	KON F	2.4X	239	34
2004	FEB	14	2013	24.82	19	24.29	155	17.31	14.61	35	.16	.6	.5	DEP L	1.5X	62	1
2004	FEB	14	2016	43.26	19	25.49	155	16.56	1.51	33	.10	.3	.2	SNC	2.1X	93	1
2004	FEB	14	2216	6.81	19	17.94	155	11.99	14.59	36	.13	.7	.3	DEP	1.5X	177	3
2004	FEB	15	0432	46.50	19	24.74	155	25.08	8.06	19	.09	.3	.9	KAO	1.1X	48	6
2004	FEB	15	0629	19.16	19	27.03	155	28.02	9.90	28	.09	.3	.9	KAO	1.4X	54	8
2004	FEB	15	0833	37.71	19	22.51	155	14.41	3.28	22	.08	.3	.3	SEC	1.7X	104	2
2004	FEB	15	1128	33.58	19	20.16	155	6.75	8.71	39	.12	.7	.5	SF4	2.3X	187	6
2004	FEB	15	1517	46.13	19	28.41	155	26.77	8.15	28	.12	.4	1.2	KAO	1.6U	80	7
2004	FEB	15	1817	8.42	19	38.02	155	0.14	22.52	22	.08	1.4	3.6	HIL	1.8X	267	24
2004	FEB	15	1828	44.64	19	15.66	155	16.11	31.26	45	.11	.6	.9	DEP	2.3X	173	5
2004	FEB	15	2047	49.45	19	22.54	155	14.11	3.46	18	.06	.4	.3	SEC	1.8X	131	2
2004	FEB	15	2048	35.58	19	15.55	155	16.12	29.50	32	.10	.7	1.1	DEP	2.0X	176	5
2004	FEB	16	0651	20.06	19	15.81	155	12.76	43.48	40	.08	.8	.8	DEP	1.8X	184	3
2004	FEB	16	1340	48.55	19	19.45	155	12.35	5.27	22	.09	.5	1.6	SF2	1.0X	155	5
2004	FEB	16	1855	13.26	19	33.80	155	52.20	16.58	44	.12	.8	1.3	KON F	2.5X	202	13
2004	FEB	16	2359	44.52	19	3.48	155	23.64	38.80	25	.06	1.0	1.5	LOI	1.2X	283	13
2004	FEB	17	0443	15.15	19	24.45	155	16.17	1.33	22	.11	.3	.2	SEC	1.9X	106	1
2004	FEB	17	0645	12.87	19	21.43	155	4.58	8.29	36	.11	.7	.5	SF5	1.6X	187	5
2004	FEB	17	1519	22.79	19	24.93	155	16.83	10.75	33	.14	.5	.6	INT L	1.3X	90	0
2004	FEB	17	2114	40.13	19	24.67	155	16.15	9.77	31	.13	.6	.6	INT L	1.4X	99	2
2004	FEB	17	2126	49.54	19	25.07	155	19.51	5.36	27	.10	.4	.9	KAO	1.1X	81	3
2004	FEB	17	2144	33.74	19	16.72	155	14.23	14.25	17	.12	1.0	1.5	DEP	1.7X	220	1
2004	FEB	18	0249	50.47	19	22.94	155	14.84	3.39	20	.09	.4	.3	SEC	1.1X	105	2
2004	FEB	18	0249	59.40	19	23.25	155	14.78	3.14	20	.09						

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	FEB	19	1750	14.33	19	23.09	155	15.09	2.92	17	.10	.3	.3	SEC	1.2X 137 2
2004	FEB	19	1944	19.57	19	24.30	155	16.84	13.51	20	.08	.6	.5	DEP L	1.3X 117 1
2004	FEB	19	1950	53.93	19	24.56	155	17.26	12.38	24	.13	.5	.6	INT L	1.4X 55 1
2004	FEB	19	2022	10.08	19	23.26	155	17.06	2.75	16	.07	.3	.3	SSC	1.2X 69 0
2004	FEB	20	0006	49.35	19	12.22	155	33.38	7.51	27	.14	.7	.9	LSW	1.6X 209 8
2004	FEB	20	0222	27.93	19	23.02	155	14.82	3.52	21	.06	.3	.3	SEC	1.8X 102 2
2004	FEB	20	0501	50.09	19	23.59	155	16.57	3.39	23	.09	.3	.3	SSC	1.7X 87 1
2004	FEB	20	0622	48.76	19	23.68	155	15.37	3.21	16	.09	.3	.4	SEC	1.2X 116 2
2004	FEB	20	1354	14.97	19	9.89	155	21.38	46.42	24	.07	1.1	1.7	LOI	1.6X 257 16
2004	FEB	20	2052	10.48	19	24.30	155	17.29	3.31	22	.08	.3	.2	SSC	1.3X 72 1
2004	FEB	20	2342	47.08	19	24.83	155	16.74	7.21	30	.12	.4	.5	INT L	1.0X 91 0
2004	FEB	21	0113	33.16	19	22.68	155	33.23	5.05	17	.08	.4	5.3	MLO	1.3X 101 9
2004	FEB	21	0114	28.30	19	23.04	155	33.57	7.70	25	.09	.4	1.3	MLO	1.6X 99 8
2004	FEB	21	0128	34.21	19	22.82	155	33.33	6.64	18	.07	.4	2.0	MLO	1.0X 100 8
2004	FEB	21	0212	39.63	19	24.33	155	16.48	10.38	34	.12	.4	.4	INT L	1.4X 90 1
2004	FEB	21	0346	10.05	19	23.29	155	17.06	3.10	19	.09	.4	.2	SSC	1.3X 47 0
2004	FEB	21	0346	47.38	19	27.74	155	14.20	31.68	41	.09	.5	.9	DEP	1.7X 61 4
2004	FEB	21	0451	23.21	19	29.31	155	28.35	8.56	37	.10	.4	1.0	KAO	1.7X 68 5
2004	FEB	21	1216	49.74	18	54.32	155	31.59	37.20	37	.07	.9	1.3	DIS	2.6X 255 17
2004	FEB	21	1442	28.69	19	20.53	155	11.79	9.07	46	.14	.4	.4	SF3	2.7X 136 4
2004	FEB	21	1540	20.36	19	19.98	155	11.88	8.92	41	.11	.4	.5	SF3	2.0X 140 5
2004	FEB	21	2117	0.27	19	24.12	155	25.79	10.66	45	.12	.3	.6	KAO	2.3X 40 4
2004	FEB	22	0334	5.71	19	24.67	155	16.89	10.28	31	.11	.4	.5	INT L	1.6X 88 0
2004	FEB	22	1314	35.08	19	20.50	155	7.60	9.41	50	.12	.5	.4	SF4 F	3.0X 125 5
2004	FEB	22	1859	39.56	19	21.91	155	14.15	12.72	39	.09	.5	.5	SF2	1.6X 95 2
2004	FEB	22	2016	52.61	19	18.93	156	21.27	4.99	47	.13	2.2	2.9	DIS F	3.3X 276 64
2004	FEB	22	2247	48.17	19	4.37	156	14.73	36.86	42	.10	1.1	2.2	KON	2.3X 283 51
2004	FEB	23	1555	13.84	19	54.88	155	22.47	9.49	16	.10	1.1	.6	KEA	1.2X 246 4
2004	FEB	23	1645	14.51	19	25.29	155	16.48	6.27	32	.11	.4	.5	INT L	1.5X 94 1
2004	FEB	23	1647	43.71	19	24.41	155	16.50	11.23	32	.11	.5	.5	INT L	1.4X 67 1
2004	FEB	23	1805	20.41	19	19.35	155	9.77	7.30	39	.09	.4	.7	SF3	1.4X 176 6
2004	FEB	23	2010	28.42	19	14.28	155	36.99	3.39	34	.15	.4	1.3	LSW	1.6X 141 12
2004	FEB	24	0511	34.43	19	20.37	155	11.66	8.79	44	.12	.3	.4	SF3	2.0X 140 5
2004	FEB	24	1524	3.24	19	18.71	156	26.25	6.71	20	.12	9.011.6	DIS	1.9X 325 74	
2004	FEB	24	1603	34.93	19	19.39	155	11.00	6.17	32	.11	.6	.9	SF3	1.5X 173 6
2004	FEB	24	1611	59.92	19	25.10	155	16.93	11.77	31	.12	.6	.6	INT L	1.4X 89 0
2004	FEB	24	1702	58.82	19	19.38	155	9.63	6.33	28	.11	.6	1.1	SF3	1.3X 178 6
2004	FEB	24	2049	54.65	18	55.81	155	10.70	44.44	24	.07	1.2	1.8	LOI	1.7X 276 39
2004	FEB	25	0702	14.57	19	12.79	155	19.85	28.15	34	.09	.7	1.2	DEP	1.6X 177 10
2004	FEB	26	0647	28.33	19	23.15	155	15.07	3.66	19	.10	.4	.4	SEC	1.3X 106 2
2004	FEB	26	1204	48.30	19	19.80	155	6.08	3.90	34	.10	.5	1.5	SSF	1.6X 192 7
2004	FEB	26	1205	57.39	19	12.99	155	15.78	31.30	44	.10	.8	.9	DEP	2.2X 186 8
2004	FEB	26	1410	54.03	19	19.63	155	10.90	5.28	28	.09	.5	1.6	SF3	1.3X 171 6
2004	FEB	26	2100	44.93	19	24.29	155	17.07	9.85	30	.10	.4	.4	INT L	1.2X 81 1
2004	FEB	27	0121	46.75	19	24.26	155	27.74	7.01	41	.11	.3	.9	KAO	1.8X 63 3

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	FEB	27	0327	10.93	19	21.17	155	4.43	6.72	34	.11	.7	.9	SF5	1.7X 192 6
2004	FEB	27	0420	35.57	19	25.04	155	19.18	6.54	33	.10	.3	.7	KAO	1.4X 42 3
2004	FEB	27	0602	31.90	19	19.31	155	7.78	7.55	33	.13	.6	.9	SF4	1.3X 193 7
2004	FEB	27	2354	57.94	19	19.53	155	9.63	7.37	29	.10	.5	.6	SF3	2.1X 175 6
2004	FEB	28	0332	19.64	19	22.16	155	29.02	9.27	29	.09	.3	.5	KAO	2.6X 77 3
2004	FEB	28	0648	28.24	19	20.60	155	11.14	8.24	26	.09	.5	.4	SF3	1.9U 152 4
2004	FEB	28	1935	16.18	19	34.97	155	47.19	17.25	23	.10	.9	1.3	KON	1.2X 171 8
2004	FEB	29	1227	32.62	19	20.29	155	13.07	6.94	34	.11	.4	.7	SF2	1.1X 117 4
2004	FEB	29	2319	40.18	19	19.81	155	11.14	8.15	35	.09	.4	.6	SF3	1.3X 154 6
2004	MAR	1	0231	12.53	19	17.52	155	14.53	5.18	32	.10	.4	1.0	SF1	1.7X 122 2
2004	MAR	1	0800	42.41	19	10.66	155	28.74	8.11	38	.14	.5	.9	LSW	2.1X 92 3
2004	MAR	1	1743	29.69	19	0.34	155	38.48	13.76	26	.10	1.2	.6	DLS	1.8X 177 4
2004	MAR	2	0110	46.91	19	24.00	155	27.67	7.61	41	.12	.3	.9	KAO	1.7X 52 3
2004	MAR	2	0256	52.69	19	11.89	155	37.99	7.59	43	.13	.3	.8	LSW	2.5X 88 15
2004	MAR	2	1018	7.56	19	24.98	155	37.38	2.56	30	.09	.3	.3	MLO	2.0X 92 1
2004	MAR	2	1610	43.56	19	24.70	155	16.31	6.63	31	.08	.4	.5	INT L	1.2X 134 1
2004	MAR	2	1725	35.20	19	23.91	155	15.54	2.24	21	.08	.3	.2	SEC	1.1X 145 2
2004	MAR	2	1957	23.06	19	18.42	155	13.10	8.96	29	.09	.5	.6	SF2	1.3X 92 3
2004	MAR	2	2230	36.80	19	33.63	155	37.15	9.20	25	.13	.5	1.2	MLO	1.1X 57 8
2004	MAR	3	0026	18.20	19	24.49	155	16.59	7.19	32	.10	.4	.5	INT L	1.7X 52 1
2004	MAR	3	0110	13.38	19	24.39	155	16.88	8.17	31	.11	.4	.5	INT L	1.3X 87 1
2004	MAR	3	0127	53.94	19	24.58	155	16.69	8.21	31	.10	.4	.5	INT L	1.2X 91 1
2004	MAR	3	0131	12.20	19	24.12	155	17.34	14.15	32	.10	.5	.4	DEP L	1.7X 66 1
2004	MAR	3	0239	12.99	19	20.71	155	6.71	10.01	32	.09	.5	.4	SF4	1.4X 182 5
2004	MAR	3	0328	27.43	19	20.86	155	5.99	8.66	35	.09	.5	.4	SF4	1.5X 184 5
2004	MAR	3	0334	55.83	19	24.93	155	16.00	8.62	32	.10	.4	.5	INT L	1.9X 54 2
2004	MAR	3	0418	34.30	19	25.57	155	17.24	8.99	29	.16	.6	.7	INT L	2.0X 90 1
2004	MAR	3	0510	16.92	19	24.82	155	17.17	6.07	34	.13	.4	.5	INT L	1.8X 53 0
2004	MAR	3	0512	7.91	19	24.62	155	17.01	7.51	30	.09	.5	.5	INT L	1.8X 93 1
2004	MAR	3	0526	44.49	19	24.52	155	16.56	6.99	33	.15	.5	.6	INT L	1.6X 100 1
2004	MAR	3	0528	5.67	19	24.50	155	17.78	9.47	34	.12	.4	.5	INT L	2.1X 43 2
2004	MAR	3	0612	46.34	19	29.10	155	30.83	23.27	25	.11	1.6	1.0	DML	1.4X 61 8
2004	MAR	3	0651	18.26	20	7.29	155	27.55	1.59	43	.11	1.0	.4	KEA	2.2X 223 28
2004	MAR	3	0951	9.37	19	10.51	155	20.42	49.05	40	.09	.8	1.1	DEP	2.0X 185 13
2004	MAR	3	1559	47.69	19	11.96	155	30.20	32.59	46	.10	.6	1.0	DLS	2.3X 99 6
2004	MAR	4	0132	12.55	19	28.81	154	53.74	2.63	36	.14	1.4	1.3	SLE	2.3X 262 11
2004	MAR	4	0337	20.33	19	24.16	155	16.43	1.40	22	.12	.3	.2	SEC	2.2X 124 1
2004	MAR	4	0339	7.47	19	24.17	155	16.24	4.20	16	.11	.4	.5	SEC	1.5X 102 1
2004	MAR	4	0339	42.89	19	23.53	155	16.81	2.83	27	.11	.3	.2	SSC	1.9X 58 1
2004	MAR	4	0340	36.69	19	24.07	155	15.39	2.85	31	.10	.3	.4	SEC	2.1X 104 2
2004	MAR	4	0342	20.82	19	23.22	155	15.18	3.18	15	.07	.			

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAR	4	0412	35.39	19	23.66	155	15.21	2.69	24	.11	.3	.3	SEC	2.0X	102	2
2004	MAR	4	0428	6.71	19	22.31	155	11.35	3.57	36	.11	.4	.4	SER	1.8X	125	2
2004	MAR	4	0450	16.28	19	22.45	155	10.77	3.40	38	.09	.4	.3	SER	2.1X	130	1
2004	MAR	4	0518	22.45	19	21.84	155	12.82	3.26	21	.08	.4	.3	SER	1.7X	115	2
2004	MAR	4	0535	33.88	19	24.81	155	15.53	0.51	16	.10	.3	.5	SNC	1.4X	121	3
2004	MAR	4	0640	9.93	19	24.57	155	15.55	0.42	18	.14	.3	.4	SNC	1.8X	117	2
2004	MAR	4	0648	47.80	19	22.12	155	10.09	3.12	32	.10	.5	.3	SER	1.6X	139	1
2004	MAR	4	0708	27.08	19	22.64	155	14.34	3.55	22	.11	.4	.4	SEC	1.6X	107	2
2004	MAR	4	1354	32.22	19	25.63	155	19.86	7.95	26	.08	.4	.8	KAO	1.5X	92	4
2004	MAR	4	1525	41.39	19	25.19	155	19.50	4.90	34	.12	.4	.8	KAO	1.9X	82	3
2004	MAR	4	1724	42.94	19	11.57	155	27.72	8.61	34	.13	.5	1.2	LSW	1.7X	116	4
2004	MAR	4	2204	15.58	19	25.34	155	20.04	3.52	27	.08	.3	.5	KAO	1.1X	86	3
2004	MAR	4	2303	19.56	20	0.64	155	21.27	8.61	38	.12	.7	.5	KEA	1.8X	207	28
2004	MAR	5	0019	9.38	19	25.99	155	19.50	3.61	32	.13	.4	.7	KAO	1.6X	75	3
2004	MAR	5	0235	38.76	19	20.28	155	7.53	8.48	35	.09	.4	.5	SF4	1.4X	181	6
2004	MAR	5	1007	13.13	19	24.28	155	20.59	40.86	20	.08	.9	1.0	DML	1.5X	128	2
2004	MAR	6	0003	33.24	19	22.89	155	14.44	3.37	21	.08	.4	.3	SEC	1.7X	109	2
2004	MAR	6	0005	48.25	19	24.96	155	19.44	3.04	26	.10	.3	.4	KAO	1.5X	112	2
2004	MAR	6	0130	30.77	19	23.59	155	14.76	2.99	36	.13	.3	.3	SEC	2.0X	51	3
2004	MAR	6	1851	21.99	19	50.59	155	22.23	31.23	43	.12	.6	1.3	KEA	2.1X	84	6
2004	MAR	6	2013	8.37	19	20.27	155	7.77	8.08	33	.10	.5	.5	SF4	1.4X	180	6
2004	MAR	7	0118	38.50	19	20.16	155	12.01	6.94	32	.11	.4	.7	SF3	1.3X	152	5
2004	MAR	7	0828	33.69	19	17.04	155	30.54	8.13	23	.12	.4	1.1	LSW	1.3X	128	4
2004	MAR	7	2344	9.79	19	30.60	155	53.32	11.59	14	.13	2.0	.8	KON	1.0X	309	13
2004	MAR	8	0134	23.32	19	14.03	155	16.59	14.87	23	.07	.6	.7	DEP	1.4X	192	8
2004	MAR	8	0311	35.56	19	19.47	155	27.38	0.73	25	.09	.3	.3	KAO	1.4X	111	6
2004	MAR	8	0418	57.81	19	22.04	155	13.64	3.20	17	.09	.4	.3	SER	1.5X	101	1
2004	MAR	8	0558	9.93	19	3.81	155	23.15	36.54	40	.11	.9	1.1	LOI	2.0X	207	13
2004	MAR	8	0620	4.20	19	3.80	155	23.01	35.66	41	.08	.7	1.2	LOI	1.9X	207	14
2004	MAR	8	0658	12.81	19	3.28	155	22.86	37.33	32	.09	.9	1.4	LOI	1.7X	210	14
2004	MAR	8	0753	56.74	19	3.35	155	22.96	37.18	37	.08	.8	1.3	LOI	1.7X	210	14
2004	MAR	8	0905	41.20	19	3.23	155	22.99	37.89	38	.08	.9	1.3	LOI	1.6X	210	14
2004	MAR	8	0909	39.79	19	2.92	155	22.76	38.19	32	.07	.8	1.3	LOI	1.6X	225	15
2004	MAR	8	0936	31.47	19	3.69	155	22.88	36.56	47	.09	.7	1.1	LOI	2.6X	208	14
2004	MAR	8	0941	41.20	19	19.52	155	11.93	7.83	39	.10	.5	.6	SF3	1.6X	146	5
2004	MAR	8	1000	23.54	19	4.00	155	22.83	36.10	40	.09	.8	1.4	LOI	2.1X	207	13
2004	MAR	8	1024	23.89	19	3.44	155	23.21	36.66	39	.09	.8	1.3	LOI	1.8X	209	14
2004	MAR	8	1026	8.37	19	2.94	155	22.63	38.02	34	.09	1.0	1.4	LOI	1.7X	223	15
2004	MAR	8	1050	52.44	19	26.31	155	14.01	31.88	28	.08	.8	.9	DEP	1.6X	149	5
2004	MAR	8	1201	13.43	19	3.81	155	23.21	36.15	33	.09	.8	1.4	LOI	1.6X	217	13
2004	MAR	8	1252	17.31	19	19.62	155	11.80	6.67	36	.11	.5	.7	SF3	1.4X	155	6
2004	MAR	8	1429	28.22	19	20.48	155	6.78	7.78	39	.09	.5	.7	SF4	2.1X	184	5
2004	MAR	8	1833	43.68	19	26.82	155	20.24	0.30	24	.13	.3	.3	KAO	1.5X	115	6
2004	MAR	8	1909	24.04	19	15.39	155	30.45	11.04	23	.09	.4	1.0	LSW	1.5X	147	1
2004	MAR	8	1919	55.76	19	23.56	155	14.73	3.39	36	.10	.3	.3	SEC	2.2X	51	3

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAR	9	0040	59.46	18	58.69	155	27.83	38.69	34	.08	.9	1.2	DLS	2.0X	226	20
2004	MAR	9	0145	20.58	19	29.38	155	26.48	10.85	36	.11	.3	.8	KAO	2.2X	48	5
2004	MAR	10	0415	29.91	19	19.41	155	7.12	6.62	22	.13	.8	1.4	SF4	1.3X	195	7
2004	MAR	10	0644	56.23	19	40.19	156	13.67	13.88	31	.12	2.2	3.0	HUA	2.0X	260	41
2004	MAR	10	0810	35.51	19	17.83	155	12.66	7.40	35	.13	.5	.8	SF2	1.6X	173	2
2004	MAR	10	1206	13.28	19	20.34	155	30.41	10.10	27	.07	.3	1.0	KAO	1.2X	101	6
2004	MAR	10	2051	48.57	19	24.78	155	45.40	8.75	24	.12	.7	1.4	KON	1.2X	176	11
2004	MAR	11	0033	25.65	19	17.39	155	20.33	6.12	32	.10	.4	1.0	SWR	1.5X	130	3
2004	MAR	11	0400	29.32	19	25.56	155	19.05	7.60	25	.11	.4	.9	KAO	1.2X	56	4
2004	MAR	11	0437	14.08	20	2.73	157	31.86	7.00	41	.14	9.310.8	DIS	-	3.5X	326183	
2004	MAR	11	0509	5.28	19	45.92	155	30.74	38.43	37	.10	.6	1.1	KEA	1.6X	86	18
2004	MAR	11	2320	38.47	19	14.72	155	35.38	3.92	19	.13	.6	4.1	LSW	1.5X	130	9
2004	MAR	12	0048	18.67	19	15.17	155	14.60	31.56	42	.11	.6	.9	DEP	2.3X	181	4
2004	MAR	12	0243	33.58	19	23.19	155	14.64	3.19	22	.09	.3	.3	SEC	1.2X	92	3
2004	MAR	12	0526	48.90	19	26.10	155	18.70	5.48	15	.08	.5	1.3	INT	1.0X	92	4
2004	MAR	12	2048	4.99	19	14.51	155	35.02	6.53	37	.14	.4	1.4	LSW	1.7X	128	9
2004	MAR	12	2334	18.29	19	20.32	155	9.41	2.09	33	.11	.4	.6	SSF	1.2X	166	5
2004	MAR	13	0126	35.63	19	52.47	156	7.09	46.32	47	.09	.9	1.2	HUA F	3.3X	256	36
2004	MAR	13	0142	35.86	19	20.97	155	8.04	8.59	36	.09	.5	.4	SF4	1.5X	169	4
2004	MAR	13	0226	9.60	19	24.34	155	29.74	9.38	29	.09	.3	.8	KAO	1.3X	71	5
2004	MAR	13	0254	35.44	19	24.71	155	16.77	5.63	29	.12	.5	.5	INT L	1.6X	90	1
2004	MAR	13	0415	30.01	19	34.88	155	9.66	7.51	30	.11	.4	2.3	GLN	1.1X	100	18
2004	MAR	13	0605	19.90	19	17.34	155	13.93	7.95	35	.10	.4	.6	SF2	1.3X	114	1
2004	MAR	13	1444	40.07	19	9.60	155	34.44	1.10	30	.16	.4	.5	LSW	1.7X	125	12
2004	MAR	13	1456	58.19	19	24.71	155	29.90	10.42	18	.10	.5	1.2	KAO	1.1X	117	6
2004	MAR	13	1646	22.75	19	21.22	155	13.19	8.55	42	.11	.3	.4	SF2	2.4X	110	3
2004	MAR	13	1757	9.66	19	19.23	155	10.13	7.08	32	.08	.5	.7	SF3	1.3X	175	7
2004	MAR	14	0339	44.66	19	9.70	155	36.30	0.00	29	.11	.4	.2	LSW #	1.7X	137	15
2004	MAR	14	2147	45.55	19	2.91	155	24.42	40.67	29	.06	.9	1.3	LOI	1.4X	220	14
2004	MAR	14	2334	52.20	19	16.05	155	29.17	10.74	33	.11	.3	.7	LSW	1.7X	83	2
2004	MAR	14	2339	39.71	19	28.45	155	13.63	38.63	28	.10	1.0	1.2	DEP	1.7X	117	11
2004	MAR	15	1151	33.35	19	20.13	155	29.39	11.79	40	.10	.4	.6	KAO	1.9X	72	5
2004	MAR	15	1739	45.09	19	17.42	155	23.32	2.49	28	.10	.5	.6	SWR	1.2X	159	5
2004	MAR	16	0305	38.36	19	19.25	155	9.36	7.48	36	.07	.5	.6	SF3	1.4X	182	7
2004	MAR	16	0324	55.58	19	22.85	155	13.96	3.91	28	.09	.3	.3	SER	1.4X	107	2
2004	MAR	16	0336	43.47	19	17.69	155	12.56	8.78	38	.09	.5	.4	SF2			

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN							
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	MAR	18	0906	15.45	19	22.85	155	14.52	2.82	28	.10	.3	.3	SEC	2.1X	103	3	
2004	MAR	18	0906	27.91	19	23.17	155	14.48	3.05	44	.11	.2	.3	SEC F	2.9X	59	3	
2004	MAR	18	1035	53.92	19	11.12	155	28.18	8.28	21	.12	.5	1.1	LSW	1.5X	102	3	
2004	MAR	18	1056	17.07	19	19.86	155	12.07	6.36	33	.14	.5	.9	SF3	1.4X	147	5	
2004	MAR	18	1213	26.42	19	10.92	155	10.97	41.50	45	.11	.9	1.0	DEF F	3.2X	208	12	
2004	MAR	18	1604	8.14	19	27.55	155	34.55	13.86	19	.11	.5	1.5	DML	1.3X	98	4	
2004	MAR	18	1722	21.88	19	31.10	155	50.38	9.21	19	.13	1.3	.7	KON	1.5X	300	8	
2004	MAR	18	1847	36.11	19	16.84	155	26.11	10.17	30	.13	.4	.9	LSW	1.2X	104	8	
2004	MAR	18	2201	12.50	19	40.53	156	2.47	38.24	27	.08	1.3	1.5	HUA	1.8X	257	34	
2004	MAR	18	2328	12.44	19	19.45	155	9.17	6.55	34	.11	.6	.9	SF3	1.5X	180	6	
2004	MAR	19	0221	27.03	19	20.26	155	8.71	7.97	31	.09	.6	.7	SF4	1.4X	173	5	
2004	MAR	19	0726	29.76	19	33.31	155	37.33	12.83	22	.12	.6	.8	MLO	1.3X	176	4	
2004	MAR	19	1135	13.79	19	29.07	154	53.00	3.72	36	.11	.7	1.3	SLE F	2.3X	267	12	
2004	MAR	19	1432	49.44	19	15.06	155	28.00	8.67	42	.15	.4	.6	LSW	2.2X	135	4	
2004	MAR	19	1818	21.95	19	22.57	155	13.98	3.74	17	.05	.4	.3	SEC	1.5X	109	2	
2004	MAR	20	1232	23.29	19	23.45	155	14.79	3.49	24	.08	.3	.4	SEC	1.9X	106	3	
2004	MAR	20	1301	22.17	19	23.34	155	14.68	3.05	39	.09	.2	.3	SEC F	2.7X	54	3	
2004	MAR	20	1351	0.53	18	53.87	155	10.52	46.89	44	.08	.9	1.3	LOI	2.6X	262	42	
2004	MAR	20	1716	25.04	19	2.80	155	22.79	38.07	30	.06	.9	1.4	LOI	1.7X	223	15	
2004	MAR	20	2330	29.38	19	15.98	156	24.99	7.21	35	.12	5.5	7.0	DIS	2.0X	299	74	
2004	MAR	21	0113	48.95	19	20.19	155	6.77	8.43	36	.09	.6	.5	SF4	1.9X	185	6	
2004	MAR	21	0151	3.26	19	31.82	155	19.59	10.83	29	.13	.5	.8	MLO	1.4X	137	7	
2004	MAR	21	0811	50.21	19	20.19	155	8.10	8.53	35	.07	.5	.6	SF4	1.9X	179	6	
2004	MAR	21	0916	49.95	20	9.08	155	31.53	31.31	45	.11	.9	1.6	KEA F	2.9X	228	27	
2004	MAR	21	1603	31.39	18	42.53	156	7.72	6.34	22	.12	8.8	11.4	DIS	-	2.0X	327	87
2004	MAR	21	1615	56.31	19	19.81	155	7.55	8.15	41	.11	.6	.5	SF4	2.4X	185	6	
2004	MAR	22	0137	37.26	19	19.69	155	7.40	6.86	32	.08	.6	.8	SF4	1.3X	190	7	
2004	MAR	22	0316	20.40	20	9.80	155	37.74	15.92	23	.13	4.2	12.3	KOH	-	1.5X	303	34
2004	MAR	22	0342	27.96	20	20.61	156	33.51	6.97	26	.12	9.2	11.4	DIS	-	2.3X	327	85
2004	MAR	22	0917	9.19	19	20.29	155	8.29	8.52	37	.10	.5	.4	SF4	1.8X	176	6	
2004	MAR	22	1147	5.45	19	21.45	155	5.13	6.69	34	.11	.5	.6	SF5	1.8X	183	6	
2004	MAR	22	2023	42.07	19	24.26	155	30.10	9.10	25	.08	.4	.9	KAO	1.1X	73	5	
2004	MAR	22	2102	38.80	19	25.32	155	16.80	6.85	27	.13	.5	.6	INT L	1.6X	88	1	
2004	MAR	22	2308	48.14	19	31.08	154	58.17	46.61	35	.09	.9	1.0	LER	1.7X	202	11	
2004	MAR	23	0043	28.60	19	25.08	155	17.01	9.17	31	.10	.4	.5	INT L	1.9X	49	0	
2004	MAR	23	0246	32.38	19	6.71	155	28.32	29.90	20	.06	1.1	1.7	DLS	1.5X	284	5	
2004	MAR	23	0258	15.62	19	16.54	155	20.93	32.47	42	.09	.6	.9	DEF	2.3X	138	5	
2004	MAR	23	0316	52.80	19	24.29	155	17.02	6.81	32	.10	.4	.5	INT L	1.9X	48	1	
2004	MAR	23	0557	52.95	19	22.64	155	13.93	3.69	12	.05	.5	.4	SER	1.7X	135	1	
2004	MAR	23	0755	45.69	19	22.28	155	14.24	3.19	20	.09	.4	.3	SEC	1.4X	94	2	
2004	MAR	23	1408	39.28	19	18.95	155	11.78	6.91	32	.06	.4	.6	SF3	1.8X	157	5	
2004	MAR	23	1736	43.56	19	22.37	155	13.98	3.31	30	.08	.4	.3	SEC	2.3X	98	2	
2004	MAR	23	1752	48.11	19	22.47	155	14.04	3.48	19	.04	.4	.3	SEC	2.1X	103	2	
2004	MAR	23	1911	50.99	19	13.83	155	26.47	8.65	35	.13	.4	.7	LSW	1.7X	123	7	
2004	MAR	24	0902	35.41	19	28.71	155	28.57	10.03	24	.08	.4	1.1	KAO	1.4X	66	6	

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAR	24	1046	2.05	19	23.52	155	14.76	3.11	34	.12	.3	.4	SEC	2.2X	56	3
2004	MAR	24	1142	13.78	19	7.11	155	28.43	30.15	18	.05	1.1	1.6	DLS	1.7X	303	5
2004	MAR	24	1715	22.85	19	19.91	155	10.79	8.22	27	.06	.5	.7	SF3	1.4X	157	5
2004	MAR	24	1808	53.04	19	25.68	155	19.30	3.72	29	.09	.3	.6	KAO	1.3X	69	4
2004	MAR	24	1826	5.60	19	25.77	155	19.38	5.32	39	.10	.3	.9	KAO	2.0X	47	4
2004	MAR	24	1829	51.21	19	25.79	155	19.28	3.50	14	.07	.5	.9	KAO	1.8X	92	4
2004	MAR	24	1848	36.64	19	25.75	155	19.19	5.49	30	.10	.4	1.0	KAO	1.7X	90	4
2004	MAR	24	1927	2.80	19	25.51	155	19.62	4.24	24	.06	.4	.8	KAO	1.4X	89	3
2004	MAR	24	1941	55.35	19	25.59	155	19.92	3.08	25	.11	.4	.6	KAO	1.2X	138	4
2004	MAR	24	2127	59.28	19	25.70	155	19.17	6.54	29	.12	.4	.9	KAO	1.9X	93	4
2004	MAR	24	2146	27.63	19	25.32	155	19.69	4.56	25	.10	.4	.9	KAO	1.1X	136	3
2004	MAR	24	2149	4.33	19	25.24	155	19.88	4.04	26	.09	.4	.7	KAO	1.4X	132	3
2004	MAR	24	2202	18.30	19	25.80	155	19.31	5.13	31	.11	.4	1.1	KAO	1.7X	71	4
2004	MAR	24	2216	20.69	19	25.37	155	19.76	4.12	27	.10	.4	.8	KAO	1.3X	137	3
2004	MAR	24	2229	21.82	19	12.68	155	37.70	6.66	35	.16	.4	1.1	LSW	2.0X	90	14
2004	MAR	24	2355	34.58	19	25.53	155	19.85	3.89	27	.09	.4	.7	KAO	1.3X	90	3
2004	MAR	25	0039	12.16	19	20.26	155	7.26	8.54	34	.07	.5	.5	SF4	1.5X	184	6
2004	MAR	25	0150	28.82	19	25.70	155	19.63	5.13	40	.11	.3	1.0	KAO	2.2X	46	4
2004	MAR	25	0157	1.67	19	25.63	155	19.52	4.24	21	.10	.4	1.2	KAO	1.8X	91	4
2004	MAR	25	0236	54.50	19	25.59	155	19.43	5.74	29	.12	.4	1.1	KAO	2.0X	57	4
2004	MAR	25	0405	52.39	19	17.20	155	17.71	34.69	20	.12	1.3	1.4	DEP	1.6X	190	2
2004	MAR	25	0410	2.57	19	25.84	155	19.50	3.62	23	.13	.4	1.0	KAO	1.6X	95	4
2004	MAR	25	0426	52.55	19	25.65	155	19.16	4.64	25	.11	.4	1.2	KAO	1.8X	55	4
2004	MAR	25	0546	5.06	19	25.38	155	19.58	4.53	18	.05	.4	.9	KAO	1.3X	86	3
2004	MAR	25	0602	24.65	19	26.13	155	18.91	3.96	27	.12	.4	1.0	SNC	1.8X	55	4
2004	MAR	25	1230	10.51	19	25.74	155	19.30	3.61	25	.12	.4	.7	KAO	1.4X	91	4
2004	MAR	25	1407	5.49	19	25.73	155	19.55	4.00	28	.09	.4	.8	KAO	2.0X	93	4
2004	MAR	25	1418	34.75	19	20.09	155	8.11	7.10	35	.09	.5	.7	SF4	2.3X	179	6
2004	MAR	25	1724	20.14	19	19.03	155	13.05	8.53	38	.13	.5	.6	SF2	1.9X	127	4
2004	MAR	25	2233	7.23	19	25.84	155	19.02	4.45	24	.11	.5	1.1	KAO	1.6X	55	4
2004	MAR	26	0017	38.04	19	25.06	155	30.44	9.14	29	.11	.4	.8	KAO	1.9X	71	7
2004	MAR	26	0045	52.60	19	26.29	155	19.25	4.30	19	.13	.5	1.5	KAO	1.4X	101	5
2004	MAR	26	0128	14.82	19	23.13	155	14.47	3.71	36	.10	.3	.4	SEC	2.5X	60	3
2004	MAR	26	0237	2.33	19	27.59	155	27.26	10.02	20	.11	.5	1.2	KAO	1.3X	69	8
2004	MAR	26	0427	11.25	19	23.15	155	14.40	3.94	16	.09	.4	.5	SEC	1.7X	113	2
2004	MAR	26	0715	9.49	19	20.34	155	9.08	7.24	40	.12	.4	.5	SF4			

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	MAR	27	0335	37.74	19	24.94	155	30.08	11.30	33	.11	.4	.7	KAO	1.4X	69	6
2004	MAR	27	0448	45.70	19	22.84	155	14.23	3.59	17	.06	.4	.4	SEC	1.4X	110	2
2004	MAR	27	0652	53.12	19	30.02	155	27.48	2.94	28	.11	.3	.7	MLO	2.0X	63	4
2004	MAR	27	0812	8.05	19	12.64	155	34.68	3.07	37	.16	.6	1.3	LSW	1.9X	144	9
2004	MAR	27	1103	19.36	19	30.33	155	26.26	3.20	15	.08	.3	.7	MLO	1.2X	124	4
2004	MAR	27	1110	57.58	19	30.35	155	26.36	2.72	18	.07	.3	.7	MLO	1.5X	123	4
2004	MAR	27	1432	58.93	19	22.98	155	14.77	3.24	25	.06	.2	.3	SEC	1.6X	101	2
2004	MAR	27	1817	29.24	19	30.07	155	27.37	3.62	39	.12	.3	.8	MLO F	2.8X	48	4
2004	MAR	27	1818	40.70	19	30.25	155	26.70	3.25	21	.09	.3	.7	MLO	2.0X	117	4
2004	MAR	27	1854	17.68	19	30.11	155	26.92	3.00	34	.09	.3	.6	MLO	1.9X	49	4
2004	MAR	27	2038	2.76	19	30.46	155	26.16	4.11	17	.08	.4	1.1	MLO	1.2X	128	4
2004	MAR	27	2047	17.87	19	30.08	155	27.03	3.37	35	.12	.3	.7	MLO	2.0X	64	4
2004	MAR	27	2200	32.34	19	30.37	155	26.63	2.90	19	.11	.3	.7	MLO	1.6X	87	4
2004	MAR	27	2315	24.77	19	30.29	155	26.42	2.82	16	.07	.3	.7	MLO	1.4X	90	4
2004	MAR	28	0026	8.60	19	21.34	155	18.51	2.56	20	.07	.3	.6	SWR	1.3X	74	5
2004	MAR	28	0255	52.45	19	21.39	155	4.43	8.67	39	.10	.6	.4	SF5	1.9X	187	5
2004	MAR	28	0329	30.54	19	19.41	155	13.09	9.41	43	.11	.4	.3	SF2	2.3X	165	6
2004	MAR	28	0408	54.11	19	2.70	155	24.15	39.58	39	.08	.8	1.2	LOI	1.6X	210	14
2004	MAR	28	0524	6.15	19	30.45	155	26.82	2.73	20	.13	.4	.7	MLO	1.5X	87	3
2004	MAR	28	0846	1.27	19	30.48	155	26.39	2.61	19	.11	.3	.6	MLO	1.3X	127	4
2004	MAR	28	1132	36.62	19	21.33	155	30.07	9.25	37	.10	.4	.7	KAO	1.5X	90	5
2004	MAR	28	1315	29.25	19	30.76	155	26.13	2.97	21	.10	.4	.6	MLO	1.5X	95	4
2004	MAR	28	1506	43.25	19	30.61	155	26.37	3.21	27	.12	.4	.7	MLO	1.5X	92	3
2004	MAR	28	1742	37.58	19	58.20	155	24.20	8.67	42	.11	.5	.6	KEA F	2.9X	192	30
2004	MAR	28	1917	53.70	19	57.45	155	23.64	7.73	36	.12	.7	.6	KEA	1.9X	237	30
2004	MAR	28	2202	27.76	19	56.18	155	24.65	8.33	20	.11	.8	.5	KEA	1.1X	246	9
2004	MAR	28	2205	56.68	19	59.40	155	22.22	6.11	36	.11	.6	.5	KEA	1.8X	201	25
2004	MAR	28	2207	48.10	19	58.68	155	24.13	9.20	40	.10	.6	.5	KEA	2.3X	194	23
2004	MAR	28	2245	22.93	19	23.14	155	14.79	3.31	20	.05	.4	.3	SEC	1.7X	109	2
2004	MAR	29	0025	42.96	19	58.38	155	24.19	7.96	40	.10	.5	.5	KEA	2.0X	193	22
2004	MAR	29	0451	29.46	19	19.64	155	6.32	7.22	30	.12	.7	.9	SF4	1.4X	197	7
2004	MAR	29	0504	21.40	19	23.11	155	14.50	3.43	16	.08	.6	.4	SEC	1.5X	111	3
2004	MAR	29	1210	38.29	19	30.09	155	27.27	2.72	36	.12	.3	.7	MLO	2.3X	63	4
2004	MAR	29	1214	3.19	19	30.45	155	27.32	4.34	35	.12	.3	1.2	MLO	2.3X	49	3
2004	MAR	29	1221	0.61	19	30.27	155	26.36	3.13	18	.09	.3	.6	MLO	1.5X	122	4
2004	MAR	29	1227	56.32	19	53.64	155	26.66	26.02	19	.07	.7	1.6	KEA	1.5X	191	11
2004	MAR	29	1228	34.26	19	30.25	155	26.77	2.25	20	.14	.3	.7	MLO	1.7X	117	4
2004	MAR	29	1636	3.31	19	30.40	155	26.14	2.78	15	.09	.3	.6	MLO	1.4X	90	4
2004	MAR	29	1639	1.18	19	30.38	155	26.42	2.48	16	.11	.3	.6	MLO	1.1X	124	4
2004	MAR	30	0500	55.36	19	30.29	155	27.12	2.71	22	.10	.3	.6	MLO	1.5X	83	3
2004	MAR	30	0737	48.83	19	22.55	155	29.96	9.27	23	.07	.4	1.0	KAO	1.4X	82	4
2004	MAR	30	1105	42.73	19	30.16	155	26.67	2.84	18	.11	.3	.8	MLO	1.4X	116	4
2004	MAR	30	1106	52.36	19	30.26	155	26.48	3.22	17	.10	.3	.8	MLO	1.5X	120	4
2004	MAR	30	2035	43.98	19	13.12	155	33.65	7.36	34	.13	.5	1.2	LSW	1.9X	120	7
2004	MAR	30	2156	37.23	19	24.73	155	16.41	1.36	16	.06	.4	.2	SNC	1.7X	151	1

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	MAR	30	2305	36.47	19	24.54	155	16.11	8.68	24	.10	.4	.6	INT L	1.5X	107	1
2004	MAR	31	1251	19.02	19	51.30	155	22.36	33.59	42	.11	.7	1.3	KEA	2.4X	92	5
2004	MAR	31	1837	24.15	19	22.13	155	4.18	8.58	30	.10	.5	.5	SF5	1.5X	181	4
2004	MAR	31	1842	33.78	18	49.92	155	11.61	5.74	33	.16	1.0	.7	LOI	1.9X	270	46
2004	MAR	31	2346	44.26	19	43.74	155	37.14	33.55	31	.10	.8	1.2	KEA	1.9X	87	15
2004	MAR	31	2358	5.31	19	25.63	155	14.38	14.44	19	.13	1.3	.4	DEP	1.1X	250	6
2004	APR	1	0713	41.66	19	23.64	155	17.38	11.22	28	.13	.5	.8	INT	1.2X	61	1
2004	APR	1	1002	3.69	19	24.41	155	29.69	9.49	25	.08	.4	.9	KAO	1.4X	71	5
2004	APR	1	1313	56.23	19	24.16	155	15.76	3.10	31	.10	.2	.3	SEC	2.1X	50	2
2004	APR	1	1711	17.37	19	24.35	155	17.18	6.10	27	.14	.5	.9	INT L	1.3X	82	1
2004	APR	1	1800	51.77	19	20.69	155	7.78	9.09	41	.10	.6	.4	SF4 F	3.1X	173	5
2004	APR	1	2008	1.10	19	19.73	155	7.67	8.76	36	.09	.6	.5	SF4	2.0X	185	7
2004	APR	1	2008	43.55	19	19.94	155	7.74	8.79	38	.08	.6	.4	SF4	2.4X	184	6
2004	APR	1	2345	4.03	19	25.41	155	16.70	11.65	23	.11	.6	.8	INT L	1.3X	95	3
2004	APR	1	2347	57.35	19	22.67	155	2.90	7.69	32	.13	.7	.5	SF5	1.7X	183	4
2004	APR	2	0016	30.26	19	23.19	155	15.23	3.00	16	.07	.4	.4	SEC	1.4X	105	2
2004	APR	2	0051	5.00	19	25.19	155	17.00	8.76	30	.13	.5	.8	INT L	1.4X	87	2
2004	APR	2	0802	34.17	19	23.52	155	15.05	2.78	16	.08	.3	.4	SEC	1.4X	110	3
2004	APR	2	1216	53.97	19	20.77	155	12.91	8.41	34	.11	.4	.6	SF2	1.7X	123	3
2004	APR	2	1820	19.72	19	26.61	155	29.92	10.45	18	.08	.4	1.4	KAO	1.2X	61	9
2004	APR	3	0105	0.08	19	19.10	155	30.33	3.20	38	.12	.3	1.4	KAO	1.9X	69	7
2004	APR	3	0412	39.47	19	25.34	155	19.37	7.37	22	.12	.5	1.1	KAO	1.6X	85	3
2004	APR	3	0629	28.91	19	24.42	155	16.32	8.74	20	.11	.7	.9	INT L	1.4X	150	1
2004	APR	3	0917	13.37	19	22.79	155	17.32	1.80	15	.11	.3	.5	SSC	1.3X	59	2
2004	APR	3	1136	6.63	19	23.03	155	14.32	3.05	11	.05	.4	.4	SEC	1.4U	146	2
2004	APR	3	1426	17.87	19	21.32	155	19.94	30.30	22	.10	.9	1.3	DEP	1.6X	79	4
2004	APR	3	1452	24.11	19	24.20	155	16.65	13.48	25	.12	.7	.9	DEP L	1.6X	89	1
2004	APR	3	1516	19.82	19	24.55	155	16.70	11.70	20	.13	.7	.9	INT L	1.4X	129	1
2004	APR	3	1555	38.01	19	22.70	155	13.78	3.88	13	.06	.5	.4	SER	1.6X	142	1
2004	APR	3	1809	53.66	19	23.28	155	15.01	3.02	15	.06	.4	.4	SEC	1.5X	138	2
2004	APR	3	2054	23.29	19	17.68	155	13.58	10.28	34	.12	.7	.5	SF2	2.1X	177	9
2004	APR	4	0025	52.48	19	23.09	155	14.63	3.27	34	.11	.3	.3	SEC	2.0X	61	3
2004	APR	4	0158	4.10	19	24.86	155	16.52	6.09	33	.11	.4	.5	INT L	1.4X	92	1
2004	APR	4	0222	41.80	19	18.71	155	11.43	8.67	43	.12	.4	.4	SF3	2.8X	169	5
2004	APR	4	0312	9.26	19	23.33	155	16.99	12.70	33	.11	.6	.4	INT L	1.3X	51	1
2004	APR	4	0342	52.28	19	24.54	155	17.64	9.23	34	.13	.4	.6	INT L	1.5X	43	1

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	APR	7	1048	40.93	19	16.52	155	15.14	6.94	30	.12	.5	1.1	SF1	1.4X	168	3
2004	APR	7	1052	36.93	19	15.89	155	15.21	7.15	32	.11	.5	1.0	SF1	1.5X	188	4
2004	APR	7	1230	23.78	19	20.65	155	7.60	9.05	33	.08	.5	.4	SF4 F	2.1X	176	5
2004	APR	7	1555	38.22	19	18.14	155	14.80	6.62	35	.12	.5	.8	SF1	1.8X	105	3
2004	APR	7	1911	3.92	19	24.84	155	16.86	5.56	29	.13	.4	.6	INT L	1.1X	85	0
2004	APR	7	2035	32.26	19	22.65	155	2.50	2.57	36	.12	.6	.6	SSF	1.9X	187	4
2004	APR	7	2130	8.36	19	22.58	155	29.98	5.49	32	.09	.4	3.2	KAO	1.3X	82	12
2004	APR	7	2134	20.04	19	29.19	155	36.99	11.31	23	.10	.5	.8	MLO	1.5X	79	2
2004	APR	7	2135	51.96	19	28.06	155	37.56	14.17	25	.15	.6	.6	DML	1.9X	88	3
2004	APR	7	2342	28.51	19	17.50	155	14.74	7.47	29	.10	.5	.7	SF1	1.4X	150	2
2004	APR	8	0018	51.57	19	25.01	155	16.57	12.47	29	.10	.5	.6	INT L	1.1X	95	1
2004	APR	8	0145	25.71	19	51.82	155	23.42	24.23	34	.11	.6	1.4	KEA	1.7X	113	6
2004	APR	8	0519	56.96	19	51.18	155	32.43	18.28	23	.14	.6	1.5	KEA	1.5X	117	12
2004	APR	8	0600	42.21	19	6.76	155	28.75	37.57	29	.12	.8	1.5	DLS	1.6X	181	16
2004	APR	8	0912	54.65	19	20.43	155	30.32	11.87	23	.10	.5	1.9	KAO	1.1X	100	10
2004	APR	8	1235	2.06	19	14.88	155	8.89	40.39	26	.07	1.4	1.2	DEP	1.5X	246	9
2004	APR	8	1921	9.89	19	13.55	156	20.71	27.47	22	.10	1.6	5.8	DIS	1.8X	280	69
2004	APR	8	2323	38.96	19	14.11	156	17.65	10.19	24	.10	3.8	5.8	KON	1.6X	275	63
2004	APR	9	0816	40.60	19	14.63	155	28.35	8.74	37	.12	.4	.8	LSW	1.8X	136	3
2004	APR	9	0920	25.24	19	17.17	155	27.41	8.69	41	.14	.4	.8	LSW	2.2X	124	6
2004	APR	9	1214	42.00	19	15.73	155	33.88	6.47	29	.15	.5	2.0	LSW	1.4X	74	7
2004	APR	10	0045	22.14	19	59.48	155	29.84	32.89	17	.09	1.0	1.9	KEA	1.4U	254	20
2004	APR	10	0159	21.79	19	30.23	155	27.33	3.05	37	.10	.3	.6	MLO F	2.6X	48	3
2004	APR	10	0200	24.80	19	30.76	155	26.01	2.98	25	.09	.3	.5	MLO	1.6X	136	4
2004	APR	10	0422	9.03	19	21.34	155	16.76	24.11	33	.08	.7	.7	DEP	1.6X	67	2
2004	APR	10	0600	4.17	19	30.33	155	27.35	2.91	24	.11	.3	.7	MLO	1.6X	97	3
2004	APR	10	0950	29.82	19	30.98	155	25.78	3.59	17	.12	.4	.7	MLO	1.1X	140	4
2004	APR	10	1056	21.16	19	11.96	155	30.96	36.97	23	.06	1.0	1.6	DLS	1.4X	189	6
2004	APR	10	1618	29.55	19	58.75	155	32.49	45.64	33	.11	.8	1.3	KEA	2.2X	171	18
2004	APR	11	0136	36.38	19	10.24	155	43.16	8.22	36	.12	.6	.7	KON F	2.9X	187	21
2004	APR	11	0153	51.15	19	32.20	155	45.78	3.07	14	.10	.8	1.1	KON	1.1X	151	3
2004	APR	11	0724	58.13	19	20.80	155	5.67	7.41	29	.12	.7	.9	SF4	1.3X	187	6
2004	APR	11	1058	12.83	19	28.43	155	1.15	47.01	31	.10	.8	.9	DEP	1.8X	147	7
2004	APR	11	1202	25.11	19	17.26	155	37.53	9.93	21	.11	.4	1.6	LSW	1.4X	105	9
2004	APR	11	1309	2.14	19	17.54	155	37.77	2.53	36	.12	.3	.8	LSW	2.1X	107	8
2004	APR	11	1541	40.90	19	20.66	155	17.32	1.93	23	.11	.2	.3	SWR	1.9X	62	1
2004	APR	11	1724	38.16	19	22.38	155	28.98	8.98	35	.10	.4	1.1	KAO	1.6X	76	11
2004	APR	11	1749	52.49	19	16.19	155	14.56	7.13	28	.08	.6	.8	SF1	1.3X	224	2
2004	APR	12	0217	31.67	19	19.16	155	1.05	35.72	35	.08	1.1	.8	DEP	2.1X	240	11
2004	APR	12	0420	59.60	19	6.95	155	8.86	45.69	30	.10	1.1	1.5	LOI	1.8X	229	20
2004	APR	12	0805	49.82	19	24.19	155	29.78	11.35	32	.08	.4	1.1	KAO	1.4X	73	12
2004	APR	12	1100	8.85	19	24.12	155	29.77	9.91	23	.05	.4	.9	KAO	1.2X	72	5
2004	APR	12	1140	13.74	19	38.58	155	7.71	33.25	42	.12	.6	1.2	HIL	1.9X	97	12
2004	APR	12	1457	3.05	19	25.27	155	15.97	22.16	14	.06	1.1	1.4	DEP	1.4X	160	5
2004	APR	12	2020	21.34	19	19.95	155	6.59	7.62	35	.09	.6	.6	SF4	1.7X	191	6

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	APR	12	2243	51.14	19	20.91	155	11.56	32.17	39	.11	.6	.8	DEP	2.3X	136	4
2004	APR	13	0157	16.38	19	19.09	155	13.48	7.86	32	.10	.4	.7	SF2	1.5X	113	4
2004	APR	13	0216	14.49	19	19.54	155	11.53	7.60	37	.10	.5	.6	SF3	1.7X	152	6
2004	APR	14	0014	10.33	19	24.72	155	17.07	1.43	20	.11	.3	.2	SNC	1.8X	79	0
2004	APR	14	0358	5.66	18	59.50	155	30.92	40.92	33	.07	.9	1.2	DLS	1.7X	218	16
2004	APR	14	0402	41.15	19	21.22	155	10.82	8.26	41	.12	.4	.3	SF3	2.3X	140	3
2004	APR	14	0421	11.01	19	19.47	155	10.09	8.39	34	.11	.5	.6	SF3	1.4X	171	6
2004	APR	14	1338	25.41	19	23.58	155	36.46	2.06	15	.16	.6	.6	MLO	1.3X	133	3
2004	APR	14	2036	16.81	19	29.45	155	28.28	8.86	31	.12	.4	1.1	KAO	1.5X	69	5
2004	APR	14	2129	46.02	19	14.07	155	29.25	7.06	34	.14	.4	.8	LSW	1.6X	137	2
2004	APR	14	2348	14.05	19	18.23	155	15.11	8.00	34	.12	.5	.6	SF1	1.5X	131	4
2004	APR	15	0418	9.75	19	29.58	155	49.53	5.80	16	.10	.8	1.6	KON	1.2X	225	7
2004	APR	15	1737	21.14	19	11.43	155	28.91	14.15	22	.16	1.2	.7	DLS	1.5X	245	7
2004	APR	15	2201	21.67	19	26.93	154	53.89	0.30	31	.14	1.8	.5	SLE F	1.7X	268	9
2004	APR	16	0326	13.72	19	20.19	155	13.71	29.06	29	.08	.8	.8	DEP	1.7X	105	5
2004	APR	16	2351	28.02	19	22.35	155	12.91	4.01	14	.06	.5	.3	SER	1.4X	112	1
2004	APR	17	0616	39.50	19	19.06	155	11.36	7.23	34	.09	.5	.6	SF3	2.2X	162	5
2004	APR	17	0943	42.34	19	18.10	155	30.33	10.68	32	.08	.4	.9	LSW	1.6X	114	6
2004	APR	17	1006	55.31	19	17.96	155	30.48	10.75	34	.09	.3	.8	LSW	1.5X	118	5
2004	APR	17	1026	36.91	19	12.37	155	34.48	6.73	28	.13	.6	1.2	LSW	1.7X	127	9
2004	APR	17	1228	58.62	19	21.74	155	4.53	7.31	37	.14	.5	.5	SF5	2.1X	183	5
2004	APR	18	0553	37.42	19	27.05	155	28.15	7.73	20	.09	.4	1.4	KAO	1.2X	71	8
2004	APR	18	0600	11.67	19	25.96	155	30.80	12.21	32	.09	.4	.8	KAO	1.5X	67	8
2004	APR	18	1120	24.77	19	20.08	155	6.59	6.76	28	.10	.6	.9	SF4	1.5X	216	6
2004	APR	18	1725	57.93	19	28.49	155	26.83	10.05	41	.11	.3	.7	KAO	2.0X	61	7
2004	APR	18	2346	28.24	19	10.68	155	29.58	10.83	18	.09	.6	.9	LSW	1.5X	228	4
2004	APR	19	0203	37.27	19	17.68	155	14.10	7.77	38	.11	.4	.4	SF2	1.5X	123	2
2004	APR	19	0317	52.91	19	22.23	155	14.16	2.96	16	.09	.5	.3	SEC	1.6X	113	2
2004	APR	19	0318	24.14	19	22.38	155	14.22	3.29	16	.07	.4	.3	SEC	1.5X	100	2
2004	APR	19	0528	13.26	19	22.99	155	17.23	2.55	27	.10	.3	.3	SSC	1.6X	54	2
2004	APR	19	0652	6.35	19	21.08	155	50.18	12.72	22	.13	1.3	.5	KON	1.6X	276	18
2004	APR	19	0920	0.23	19	23.75	155	26.98	9.19	22	.08	.4	.9	KAO	1.4X	71	3
2004	APR	19	1224	45.49	19	12.68	155	33.27	8.59	38	.15	.6	1.0	LSW	2.8X	133	7
2004	APR	19	1227	45.80	19	11.53	155	32.82	9.56	33	.12	.5	1.0	LSW	1.8X	97	8
2004	APR	19	1227	57.27	19	11.97	155	33.00	9.65	35	.11	.4	.9	LSW	2.0X		

---ORIGIN TIME (HST)--- -LAT N--- --LON W---														---ORIGIN TIME (HST)--- -LAT N--- --LON W---																					
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
									KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS										KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2004	APR	20	0557	58.06	19	12.13	155	33.32	7.16	33	.14	.6	1.2	LSW	2.0X	119	8	2004	APR	27	2358	16.84	19	24.67	155	37.89	2.92	35	.13	.3	.4	MLO	2.1X	95	1
2004	APR	20	0816	58.56	19	47.01	155	34.26	15.01	22	.11	.6	.6	KEA	1.3X	110	12	2004	APR	28	0007	58.05	19	25.01	155	38.71	3.55	34	.09	.4	.5	MLO	2.2X	110	2
2004	APR	20	1101	37.61	19	19.46	155	5.54	4.60	35	.10	.6	2.5	SSF	1.6X	205	8	2004	APR	28	0108	24.88	19	29.23	155	21.38	1.06	32	.10	.3	.3	KAO	1.8X	118	4
2004	APR	20	1506	7.73	19	20.26	155	12.90	8.03	30	.11	.5	.6	SF2	1.3X	132	4	2004	APR	28	0231	24.67	19	23.46	155	14.72	3.16	18	.10	.5	.4	SEC	1.8X	107	3
2004	APR	20	1532	52.78	19	12.04	155	34.39	9.87	35	.13	.6	.9	LSW	1.8X	126	9	2004	APR	28	0919	29.66	19	23.71	155	16.77	3.00	30	.09	.3	.2	SSC	1.9X	46	0
2004	APR	20	1700	32.11	19	12.62	155	33.28	7.54	26	.12	.5	1.5	LSW	1.5X	118	7	2004	APR	28	1326	33.00	19	20.34	155	5.72	5.98	29	.12	.7	1.2	SF4	1.3X	189	6
2004	APR	20	2028	22.58	19	20.35	155	6.62	8.52	35	.10	.6	.6	SF4	1.6X	186	6	2004	APR	28	1741	31.34	19	19.97	155	7.10	5.91	30	.11	.6	1.2	SF4	1.2X	189	6
2004	APR	20	2344	8.58	19	12.97	155	32.95	7.28	29	.11	.5	1.0	LSW	1.5X	115	6	2004	APR	29	0341	39.68	19	26.99	155	30.27	12.04	33	.11	.4	.8	KAO	1.6X	61	9
2004	APR	21	0917	16.15	19	41.26	156	0.99	0.02	18	.11	2.4	.8	HUA	# 1.5X	288	33	2004	APR	29	0945	12.39	19	18.85	155	13.06	8.13	36	.06	.4	.6	SF2	1.5X	128	3
2004	APR	21	1001	56.28	19	19.82	155	12.27	8.25	31	.06	.4	.6	SF3	1.3X	144	5	2004	APR	29	1022	3.81	19	4.20	155	23.65	36.80	44	.07	.7	1.1	LOI	2.5X	204	12
2004	APR	21	1030	11.52	19	19.35	155	11.15	9.56	34	.10	.5	.6	SF3	1.3X	161	6	2004	APR	29	2159	31.54	19	3.65	156	12.06	8.31	13	.09	8.310	.6	KON	- 1.4X	304	57
2004	APR	21	1152	0.17	19	14.65	155	34.10	1.33	40	.15	.6	.6	LSW	1.9X	114	14	2004	APR	30	0128	25.27	19	21.39	155	18.59	1.72	13	.09	.4	.9	SWR	1.1X	75	5
2004	APR	21	1846	8.75	19	19.69	155	7.67	6.37	23	.10	.6	1.3	SF4	1.4X	186	7	2004	APR	30	0258	4.22	19	21.19	155	15.86	39.30	22	.07	1.0	1.3	DEP	1.7X	75	2
2004	APR	21	2055	14.39	19	22.74	155	14.87	2.96	16	.11	.4	.4	SEC	1.3X	103	2	2004	APR	30	0343	47.53	19	13.65	155	29.41	0.67	23	.15	.4	.5	LSW	1.5X	83	8
2004	APR	21	2307	26.51	19	16.46	155	26.37	10.08	40	.13	.4	.7	LSW	1.9X	105	7	2004	APR	30	1000	52.54	19	18.96	155	8.79	7.32	24	.09	.9	1.0	SF4	1.6X	208	7
2004	APR	22	0553	54.74	19	11.04	155	36.95	1.41	29	.13	.4	.6	LSW	1.6X	95	14	2004	APR	30	1102	47.59	19	4.45	155	23.60	37.30	21	.08	1.1	2.1	LOI	1.7X	214	12
2004	APR	22	1651	59.70	19	20.95	155	7.61	9.41	34	.09	.5	.5	SF4	1.9X	172	4	2004	APR	30	1143	52.91	19	20.01	155	7.88	8.49	40	.10	.6	.5	SF4	2.1X	182	6
2004	APR	22	1654	35.57	19	19.70	155	6.90	8.34	39	.08	.6	.5	SF4	1.8X	192	7	2004	APR	30	1218	13.45	19	20.61	155	7.60	9.21	12	.04	.9	1.3	SF4	1.6X	177	5
2004	APR	22	2233	9.98	19	19.92	155	10.90	8.85	40	.10	.4	.5	SF3	2.0X	156	5	2004	APR	30	1949	44.13	19	15.73	155	28.27	12.01	25	.10	.4	1.1	LSW	1.3X	92	3
2004	APR	22	2346	50.88	19	23.32	155	17.31	3.05	26	.15	.3	.3	SSC	1.5X	48	2	2004	APR	30	2105	43.61	19	27.03	155	21.98	11.29	40	.11	.4	.7	KAO	1.8X	65	6
2004	APR	23	0755	6.44	19	12.46	155	29.24	8.46	32	.12	.4	.9	LSW	1.5X	94	5	2004	MAY	1	0049	15.79	19	23.29	155	17.07	2.30	17	.09	.3	.2	SSC	1.1X	82	0
2004	APR	23	0814	34.89	19	17.05	155	29.80	31.05	30	.10	.9	1.4	DLS	1.5X	106	4	2004	MAY	1	0309	46.94	19	22.31	155	9.06	3.98	38	.10	.4	.4	SER	1.7X	146	2
2004	APR	23	1019	34.00	19	45.71	155	34.49	16.46	44	.12	.4	1.3	KEA	2.4X	86	12	2004	MAY	1	0723	7.52	19	58.26	155	29.66	36.65	26	.09	.8	1.5	KEA	1.5X	178	18
2004	APR	23	1035	28.66	19	19.79	155	8.58	6.46	28	.10	.7	1.0	SF4	1.7X	180	6	2004	MAY	1	0811	2.29	19	19.37	155	13.18	6.78	41	.12	.4	.7	SF2	1.6X	120	4
2004	APR	23	1408	30.95	19	19.82	155	7.58	8.70	37	.08	.4	.4	SF4	2.0X	185	6	2004	MAY	1	1321	23.37	19	25.57	155	24.38	10.33	45	.10	.3	.6	KAO	2.1X	39	8
2004	APR	23	1832	14.89	19	16.00	155	50.57	9.46	19	.11	1.2	.8	KON	1.3X	284	21	2004	MAY	1	1903	54.76	20	10.48	155	49.07	28.81	38	.10	1.0	1.0	KOH	2.4X	299	7
2004	APR	23	1920	47.66	19	20.35	155	5.54	6.85	27	.11	.7	1.0	SF4	1.3X	194	7	2004	MAY	1	1959	0.90	19	10.96	155	31.33	7.20	28	.11	.5	1.4	LSW	1.7X	209	7
2004	APR	23	2246	49.63	19	11.24	155	40.71	0.61	32	.12	.5	.4	LSW	2.2X	150	10	2004	MAY	1	2213	25.56	19	19.77	155	13.65	9.79	43	.12	.5	.4	SF2	F 3.2X	164	5
2004	APR	24	0055	11.37	19	25.08	155	29.79	11.08	19	.07	.4	1.2	KAO	1.1X	68	6	2004	MAY	1	2351	11.83	19	17.97	155	12.28	9.66	33	.09	.5	.7	SF3	1.6X	180	3
2004	APR	24	0853	4.20	19	20.58	155	15.73	40.31	42	.11	.7	1.0	DEP	2.5X	79	3	2004	MAY	2	0313	2.88	19	1.89	155	22.66	38.46	25	.08	1.1	1.8	LOI	1.3X	291	28
2004	APR	24	0939	10.17	19	19.73	155	10.58	7.85	33	.08	.5	.7	SF3	1.6X	173	6	2004	MAY	2	0332	40.70	19	3.17	155	23.08	37.08	24	.06	.9	1.5	LOI	1.3X	223	25
2004	APR	24	1149	2.03	19	22.22	155	29.75	9.31	41	.10	.3	.7	KAO	1.8X	62	4	2004	MAY	2	1254	33.52	19	37.16	155	56.44	10.96	37	.15	1.1	.5	KON	2.2X	241	22
2004	APR	24	1351	42.98	19	29.28	155	27.07	7.23	23	.10	.4	1.4	KAO	1.3X	92	5	2004	MAY	2	1854	1.51	19	18.26	155	15.12	8.93	26	.09	.5	.9	SF1	1.2X	130	4
2004	APR	24	1513	0.93	19	28.59	155	36.85	11.80	31	.11	.5	.5	MLO	1.8X	80	2	2004	MAY	2	2316	50.66	19	36.50	155	38.06	11.65	20	.09	.6	1.4	KEA	1.3X	111	9
2004	APR	25	0050	43.80	19	9.33	155	6.25	52.92	44	.11	1.0	1.0	LOI	2.9X	229	19	2004	MAY	3	0006	19.81	19	22.90	155	25.67	10.32	40	.11	.4	.6	KAO	1.6X	49	3
2004	APR	25	0511	55.15	19	26.57	155	22.80	11.18	38	.09	.4	.7	KAO	2.0X	48	6	2004	MAY	3	0134	5.58	19	35.62	155	38.10	13.64	21	.10	.8	.7	KEA	1.4X	149	8
2004	APR	25	1450	54.21	19	25.20	155	29.89	11.90	27	.07	.4	1.0	KAO	1.3X	67	6	2004	MAY	3	0801	12.80	19	9.73	155	22.75	44.58	42	.09	.8	1.1	LOI	2.2X	183	9
2004	APR	25	2249	33.98	19	40.87	156	6.51	7.74	18	.12	1.4	.8	HUA	1.4X	300	41	2004	MAY	3	1232	59.65	19	10.13	155	32.54	33.65	31	.08	.6	1.4	DLS	1.6X	116	8
2004	APR	26	0652	11.71	19	26.44	155	8.25	41.18	36	.09	.8	.9	DEP	1.6X	77	6	2004	MAY	4	0129	56.90	19	23.43	155	14.80	3.27	16	.06	.4	.4	SEC	1.8X	113	3
2004	APR	26	1427	22.65	19	29.99	155	17.17	30.89	30	.06	.9	1.1	DEP	1.4X	174	4	2004	MAY	4	0255	57.68	19	15.04	155	36.11	10.83	32	.10	.3	1.3	LSW	1.9X	91	10
2004	APR	26	1620	33.54	19	11.46	155	28.89	38.18	23	.07	1.1	1.6	DLS	1.5X	258	7	2004	MAY	4	0722	38.26	19	1.56	155	25.85	38.46	38	.07	.7	1.2	DLS	2.2X	213	15

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAY	5	0234	2.69	19	21.89	155	29.23	10.48	23	.09	.4	.8	KAO	1.1X	80	3
2004	MAY	5	0713	30.73	19	57.28	155	32.99	24.63	33	.10	.8	1.6	KEA	1.7X	240	16
2004	MAY	5	0815	23.57	19	28.56	154	53.38	4.68	40	.13	.7	.9	SLE F	2.6X	266	11
2004	MAY	5	0838	57.26	19	28.36	154	52.42	3.93	43	.09	.6	.8	SLE F	2.8X	273	13
2004	MAY	5	2013	7.33	19	16.97	155	12.69	7.66	28	.07	.5	.8	SF2	1.2X	216	1
2004	MAY	5	2058	32.51	19	12.84	155	26.94	35.95	22	.08	1.3	1.6	DLS	1.1X	234	7
2004	MAY	6	1424	32.21	19	25.93	155	37.53	2.92	40	.11	.3	.4	MLO	2.4X	93	3
2004	MAY	6	1908	0.71	19	17.71	155	21.20	7.71	37	.12	.4	.7	SWR	1.4X	123	5
2004	MAY	6	2323	13.41	19	7.58	155	29.96	25.64	18	.08	1.1	2.0	DLS	1.3X	280	5
2004	MAY	7	0130	51.34	19	50.28	155	22.66	27.79	21	.11	.9	1.6	KEA	1.4X	133	7
2004	MAY	7	0516	12.15	19	23.04	155	17.09	2.86	28	.09	.2	.3	SSC	2.0X	64	2
2004	MAY	7	1423	36.03	20	9.22	156	21.80	37.92	25	.08	1.4	2.7	DIS	2.1X	312	61
2004	MAY	7	1437	14.64	18	48.98	155	18.81	49.41	20	.07	1.6	2.1	LOI	1.6X	297	42
2004	MAY	7	1739	8.57	19	13.50	155	18.57	26.32	38	.09	.7	1.0	DEP	1.8X	188	8
2004	MAY	8	0058	12.10	19	25.15	155	14.50	15.12	29	.12	.9	.3	DEP	1.2X	143	4
2004	MAY	8	0316	53.08	19	34.53	155	20.66	9.31	15	.06	.6	1.8	MLO	1.1X	166	10
2004	MAY	8	0829	28.74	19	23.55	155	30.13	10.31	38	.06	.3	.7	KAO	1.6X	79	5
2004	MAY	8	0956	45.96	19	29.48	155	26.20	5.12	38	.14	.4	1.5	KAO	1.7X	49	5
2004	MAY	8	1110	32.14	19	21.52	155	30.21	10.16	45	.07	.3	.6	KAO	1.9X	62	5
2004	MAY	8	1219	54.67	19	24.48	155	17.25	7.45	21	.09	.4	.6	INT L	1.6X	68	1
2004	MAY	8	1454	54.40	19	24.53	155	16.92	9.05	30	.08	.5	.5	INT L	1.6X	93	1
2004	MAY	8	1525	20.81	19	24.72	155	16.17	9.03	22	.12	.6	.5	INT L	1.5X	107	1
2004	MAY	9	0146	49.35	19	26.27	155	30.37	11.32	30	.08	.4	.9	KAO	1.4X	66	8
2004	MAY	9	0622	11.76	19	11.61	155	34.45	3.44	39	.14	.7	1.5	LSW	2.0X	223	10
2004	MAY	9	0644	0.08	19	17.27	155	12.49	8.25	38	.10	.4	.7	SF2	1.5X	185	2
2004	MAY	9	1253	20.27	20	2.53	155	48.15	7.22	22	.08	.9	1.0	KOH	1.6X	188	10
2004	MAY	9	1440	27.15	19	19.88	155	8.41	9.48	46	.09	.4	.4	SF4	2.4X	180	6
2004	MAY	9	1741	52.29	19	39.53	155	58.21	36.86	23	.09	1.4	1.5	HUA	1.3X	279	27
2004	MAY	9	1753	51.35	19	19.64	155	3.94	35.21	42	.09	.8	.8	DEP	1.8X	198	9
2004	MAY	9	2025	40.76	19	18.85	155	15.50	7.67	34	.07	.4	.8	SF1	1.4X	99	5
2004	MAY	9	2158	20.38	19	9.47	155	38.17	1.74	41	.13	.4	.5	LSW	2.5X	150	18
2004	MAY	9	2222	45.98	19	19.83	155	8.65	7.75	39	.08	.5	.6	SF4	1.5X	179	6
2004	MAY	9	2354	35.47	19	20.16	155	12.94	7.77	34	.09	.4	.5	SF2	1.3X	133	5
2004	MAY	10	0006	47.88	19	46.29	155	50.23	11.93	22	.12	.9	.6	HUA	1.6X	203	30
2004	MAY	10	0502	44.31	19	22.77	155	14.20	3.18	20	.13	.5	.4	SEC	1.7X	105	2
2004	MAY	10	0633	22.80	19	30.74	155	27.48	5.48	26	.10	.3	1.0	MLO	1.4X	111	2
2004	MAY	10	0743	30.72	19	17.13	155	27.64	10.17	26	.13	.4	.9	LSW	1.4X	92	6
2004	MAY	10	1719	30.74	19	29.16	155	21.13	0.82	24	.07	.5	.3	KAO	1.1X	154	4
2004	MAY	10	1845	17.58	19	33.41	155	42.79	6.56	16	.12	.5	2.4	MLO	1.1X	119	8
2004	MAY	10	1957	4.81	19	19.21	155	8.53	7.17	36	.11	.6	.7	SF4	1.4X	188	7
2004	MAY	10	2005	29.29	19	30.54	155	27.47	4.79	18	.09	.4	1.1	MLO	1.2X	107	3
2004	MAY	10	2013	21.32	19	4.30	155	25.22	36.56	40	.08	.6	1.1	DLS	1.7X	200	11
2004	MAY	10	2027	8.83	19	19.80	155	8.27	7.20	39	.09	.5	.6	SF4	1.3X	182	6
2004	MAY	11	0029	54.22	19	24.17	155	25.94	8.00	25	.09	.4	1.0	KAO	1.2X	57	4
2004	MAY	11	0058	27.46	19	19.57	155	10.34	7.49	32	.09	.5	.8	SF3	1.1X	167	6

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAY	11	0558	37.68	19	21.83	155	12.69	2.89	24	.08	.3	.3	SER	1.5X	114	2
2004	MAY	11	0943	48.49	19	22.91	155	3.01	8.29	42	.09	.6	.3	SF5	1.9X	179	3
2004	MAY	11	1058	0.95	19	20.78	155	8.25	8.84	41	.07	.5	.5	SF4	2.3X	169	5
2004	MAY	11	1119	5.63	19	19.97	155	11.92	5.96	30	.09	.4	1.0	SF3	1.5X	157	5
2004	MAY	11	1259	25.52	19	20.63	155	7.15	9.21	42	.07	.5	.5	SF4	2.0X	180	5
2004	MAY	11	1911	14.43	19	29.28	155	28.32	7.36	28	.09	.4	1.4	KAO	1.5X	71	5
2004	MAY	12	0414	44.90	19	19.16	155	10.11	7.48	33	.09	.5	.7	SF3	1.4X	176	7
2004	MAY	12	0805	3.89	19	23.27	155	14.87	3.21	15	.06	.4	.3	SEC	1.2X	139	2
2004	MAY	12	0815	37.81	19	23.13	155	14.67	2.77	32	.11	.3	.2	SEC	2.1X	105	3
2004	MAY	12	0817	32.45	19	23.10	155	14.71	3.58	20	.07	.4	.4	SEC	1.6X	109	2
2004	MAY	12	1135	39.83	19	19.54	155	3.49	36.19	32	.06	1.4	.9	DEP	1.3X	262	9
2004	MAY	12	1140	19.08	19	19.01	155	13.62	5.89	25	.12	.5	1.3	SF2	1.1X	123	4
2004	MAY	12	1150	19.94	19	23.13	155	14.88	3.37	18	.05	.4	.4	SEC	1.3X	108	2
2004	MAY	12	1338	15.88	19	23.30	155	14.75	3.19	30	.09	.3	.3	SEC	2.0X	56	3
2004	MAY	12	1357	38.10	19	23.26	155	14.83	3.75	18	.06	.4	.4	SEC	1.6X	110	2
2004	MAY	12	1607	7.50	19	23.30	155	14.85	3.44	19	.07	.4	.4	SEC	1.4X	111	2
2004	MAY	12	2048	21.51	19	20.37	155	12.66	8.96	33	.08	.4	.5	SF2	1.5X	124	4
2004	MAY	12	2107	11.85	19	23.19	155	14.88	3.58	19	.09	.5	.4	SEC	1.6X	109	2
2004	MAY	12	2146	34.09	19	23.43	155	14.83	3.14	28	.08	.3	.3	SEC	2.1X	104	3
2004	MAY	12	2300	38.34	19	25.08	155	17.27	1.82	23	.06	.3	.1	SNC	1.7X	90	1
2004	MAY	13	0038	55.18	19	50.55	155	25.03	25.57	39	.11	.5	1.2	KEA	1.7X	105	8
2004	MAY	13	0119	30.86	19	15.54	155	6.91	42.81	39	.08	1.1	.8	DEP	1.5X	230	12
2004	MAY	13	0128	53.73	19	22.97	155	14.14	4.12	22	.09	.3	.4	SEC	1.8X	107	2
2004	MAY	13	1035	13.04	19	26.48	155	29.97	10.77	24	.07	.4	1.0	KAO	1.6X	62	8
2004	MAY	13	1109	36.93	19	25.78	155	19.15	6.06	26	.08	.4	.9	KAO	1.4X	90	4
2004	MAY	13	1459	21.69	19	19.99	155	7.09	7.90	35	.10	.6	.7	SF4	1.8X	187	6
2004	MAY	13	1948	33.78	19	23.45	155	15.01	3.38	22	.08	.3	.3	SEC	2.0X	105	2
2004	MAY	13	2049	4.52	19	16.85	155	13.71	7.85	20	.07	.8	1.1	SF2	1.4X	228	1
2004	MAY	13	2124	51.63	19	30.63	155	26.21	4.16	16	.10	.4	1.0	MLO	1.2X	132	4
2004	MAY	14	0210	17.70	19	17.28	155	12.73	9.07	31	.09	.7	.5	SF2	1.8X	201	1
2004	MAY	14	0254	55.03	19	12.29	155	33.34	6.65	19	.12	.9	1.2	LSW	1.6X	208	8
2004	MAY	14	0546	51.42	19	30.20	155	29.27	3.87	15	.08	.4	1.3	MLO	1.2X	69	4
2004	MAY	14	0759	19.55	20	1.54	155	54.35	10.41	38	.11	1.6	.8	KOH	2.7X	240	17
2004	MAY	14	1130	42.86	19	12.41	155	28.76	5.73	32	.19	.7	1.2	LSW	2.0X	148	6
2004	MAY	14	1140	17.44	19	23.31	155	15.12	3.25	17	.04	.4	.4	SEC	1.6X	102	2
2004	MAY	14	1202	39.47	19	58.83	156	0.35	46.19	21	.08	1.6	1.9	KOH	2.		

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN					
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAY	15	1721	14.56	19	23.81	155	16.61	3.10	20	.08	.4	.2	SSC	1.3X	87	0
2004	MAY	15	1748	5.41	19	21.97	155	16.49	33.95	46	.11	.6	.8	DEP	2.9X	67	1
2004	MAY	15	1948	52.64	19	22.04	155	12.56	3.12	19	.06	.4	.3	SER	1.8X	116	1
2004	MAY	15	2221	24.11	19	44.15	155	16.44	40.78	45	.11	.6	1.0	KEA	1.9X	120	19
2004	MAY	15	2326	55.71	19	23.50	155	14.62	1.71	38	.14	.3	.3	SEC	2.5X	50	3
2004	MAY	15	2358	18.56	19	25.04	155	31.40	11.27	27	.08	.4	1.0	KAO	1.1X	74	8
2004	MAY	16	1231	40.29	19	13.17	155	24.52	33.93	42	.09	.7	1.0	DEP	2.1X	152	9
2004	MAY	16	1450	48.96	19	22.96	155	14.94	3.15	18	.06	.3	.3	SEC	1.3X	105	2
2004	MAY	17	0123	41.55	19	25.32	155	30.67	9.35	38	.10	.3	.6	KAO	1.8X	47	7
2004	MAY	17	0744	20.27	19	50.37	155	23.26	31.46	47	.10	.6	1.1	KEA	2.9X	92	7
2004	MAY	17	1122	0.91	19	26.05	155	24.59	10.48	26	.09	.4	.9	KAO	1.9X	51	7
2004	MAY	17	1204	24.17	19	11.71	155	40.55	1.34	41	.15	.4	.6	LSW	2.5X	99	10
2004	MAY	17	1636	33.34	19	22.90	155	14.47	3.46	17	.05	.5	.4	SEC	1.6X	109	2
2004	MAY	17	2034	8.65	19	12.54	155	18.93	48.70	18	.07	1.6	1.4	DEP	1.5X	277	10
2004	MAY	18	0204	26.17	19	27.34	155	49.40	9.86	21	.14	1.1	.8	KON	1.4X	257	9
2004	MAY	18	0951	36.28	19	9.33	155	40.42	1.29	26	.12	.5	.6	LSW	1.6X	90	10
2004	MAY	18	1110	50.99	19	23.63	155	2.11	3.48	29	.07	.5	.6	SME	1.6X	175	4
2004	MAY	18	1118	50.88	19	13.52	155	33.17	7.55	36	.09	.4	1.0	LSW	1.9X	126	6
2004	MAY	18	1208	35.53	19	23.88	155	1.76	7.01	26	.11	.6	.9	SF5	1.4X	173	4
2004	MAY	18	1213	15.34	19	24.37	155	16.63	3.05	22	.11	.4	.2	SSC	1.4X	97	1
2004	MAY	18	1311	59.91	19	57.71	155	24.88	10.99	26	.13	.7	.3	KEA	1.4X	200	11
2004	MAY	18	1325	10.47	19	58.88	155	22.15	9.83	46	.10	.7	.4	KEA F	2.9X	199	24
2004	MAY	18	1328	46.20	19	57.65	155	22.96	13.52	19	.13	.9	.4	KEA	1.6X	192	9
2004	MAY	18	1745	45.40	19	22.79	155	14.54	3.34	23	.08	.4	.4	SEC	1.8X	107	2
2004	MAY	18	1808	27.23	19	22.87	155	14.11	3.55	44	.10	.2	.3	SEC	2.5X	70	2
2004	MAY	18	1941	21.17	19	24.59	155	37.89	3.34	22	.12	.3	.4	MLO	1.8X	96	0
2004	MAY	19	0820	52.84	19	23.24	155	17.08	2.58	20	.08	.3	.2	SSC	1.3X	51	0
2004	MAY	19	1303	48.38	19	25.37	155	29.49	10.80	36	.10	.4	.8	KAO	1.5X	65	6
2004	MAY	19	1836	35.40	19	24.10	155	15.74	3.38	19	.10	.4	.4	SEC	1.3X	108	2
2004	MAY	19	2301	19.21	19	16.70	155	30.82	11.56	26	.06	.4	1.0	LSW	1.2X	141	3
2004	MAY	20	0346	4.04	19	23.18	155	17.05	2.75	20	.08	.4	.3	SSC	1.2X	63	0
2004	MAY	20	1258	50.95	19	22.96	155	15.21	41.71	37	.10	1.2	.9	DEP L	2.3X	91	2
2004	MAY	20	2118	49.78	19	22.32	155	4.60	6.41	30	.15	.7	.8	SF5	1.3X	175	4
2004	MAY	20	2158	9.52	19	17.25	155	12.83	9.54	37	.09	.5	.7	SF2	1.3X	183	1
2004	MAY	20	2212	54.09	19	51.00	155	56.52	42.41	32	.08	1.1	1.4	HUA	2.0X	235	30
2004	MAY	20	2326	7.00	19	29.44	155	28.15	7.90	37	.12	.3	1.1	KAO	1.4X	69	5
2004	MAY	21	0325	10.97	19	45.67	156	10.23	6.73	25	.10	1.2	.9	HUA	2.0X	275	51
2004	MAY	21	0355	43.39	18	55.55	155	15.01	14.71	33	.11	1.5	2.3	LOI	1.8X	265	34
2004	MAY	21	0503	22.45	19	22.91	155	14.74	3.21	22	.07	.4	.3	SEC	1.4X	101	2
2004	MAY	21	0644	49.25	19	18.35	155	18.25	31.27	45	.10	.6	.8	DEP	1.9X	118	1
2004	MAY	21	0651	6.32	19	8.87	155	23.90	43.98	35	.09	.8	1.3	LOI	1.8X	183	7
2004	MAY	21	0935	32.43	19	16.66	155	29.42	11.32	24	.07	.4	1.0	LSW	1.2X	93	3
2004	MAY	21	1738	34.58	19	18.03	155	3.71	43.46	43	.09	.8	.6	DEP	2.0X	217	12
2004	MAY	22	0056	4.28	19	22.38	155	2.95	8.28	26	.11	.8	.6	SF5	1.1X	187	4
2004	MAY	22	0637	11.44	19	31.45	155	45.32	6.72	25	.15	.8	1.1	KON	1.4X	163	2

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN					
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAY	22	0735	22.29	19	19.37	155	11.82	6.98	39	.08	.4	.6	SF3	1.4X	149	5
2004	MAY	22	1328	37.70	19	28.57	155	28.31	11.27	21	.09	.4	1.3	KAO	1.2X	65	6
2004	MAY	22	2340	18.48	19	43.37	155	10.55	20.60	31	.12	.5	1.8	KEA	1.5X	141	16
2004	MAY	23	0009	58.23	19	29.61	155	34.75	0.24	13	.16	.3	.4	MLO	1.5X	103	2
2004	MAY	23	0111	9.66	19	22.28	155	28.88	10.37	48	.10	.3	.5	KAO	2.4X	62	2
2004	MAY	23	0140	23.17	19	14.53	156	17.46	29.31	17	.09	1.7	5.3	KON	1.6X	290	63
2004	MAY	23	0310	1.34	18	51.90	155	14.07	48.35	35	.08	1.0	1.5	LOI	1.9X	260	41
2004	MAY	23	0337	31.14	19	16.75	155	13.47	8.37	33	.09	.5	.8	SF2	1.5X	238	1
2004	MAY	23	0738	15.72	19	52.38	155	53.66	30.95	18	.08	1.4	2.1	HUA	1.5X	222	25
2004	MAY	23	1437	19.95	19	21.49	155	24.49	10.60	26	.08	.5	.9	SWR	1.3X	132	3
2004	MAY	23	1944	39.87	19	12.92	155	20.27	44.98	22	.09	1.0	1.3	DEP	1.3X	227	10
2004	MAY	24	0059	9.85	19	19.03	155	13.15	8.65	41	.08	.4	.5	SF2	1.4X	124	4
2004	MAY	24	0150	32.42	19	28.79	155	12.22	12.64	45	.10	.3	.5	GLN	1.9X	58	8
2004	MAY	24	0311	57.52	19	15.86	155	30.06	11.43	35	.09	.3	.7	LSW	1.6X	91	1
2004	MAY	24	0454	36.55	19	22.30	155	10.88	3.12	24	.11	.6	.4	SER	1.6X	133	2
2004	MAY	24	1039	22.98	19	50.01	155	23.11	30.02	37	.11	.6	1.3	KEA	1.5X	119	8
2004	MAY	24	1445	12.69	19	20.04	155	12.46	7.84	37	.10	.4	.6	SF2	1.3X	137	5
2004	MAY	24	1455	44.48	19	22.04	155	7.32	2.68	19	.11	.8	.4	SEC	1.4X	177	2
2004	MAY	24	1512	0.46	19	54.55	155	21.43	11.43	18	.12	1.2	.5	KEA	1.9U	260	3
2004	MAY	24	2011	2.60	19	57.46	155	35.79	8.77	27	.11	.8	.5	KOH	1.6X	244	13
2004	MAY	25	0025	22.68	20	2.44	156	17.63	30.25	47	.09	1.0	2.7	KOH F	2.8X	289	55
2004	MAY	25	0115	15.76	19	23.54	155	14.40	2.01	16	.09	.4	.5	SEC	1.5X	119	3
2004	MAY	25	0116	15.09	19	58.77	156	12.21	38.02	36	.11	1.0	2.0	KOH	2.4X	276	47
2004	MAY	25	0215	55.15	19	22.80	155	0.24	8.48	40	.12	.8	.5	SF5	1.5X	201	5
2004	MAY	25	0459	2.26	19	50.76	155	32.85	20.87	26	.09	.6	1.5	KEA	1.4X	159	12
2004	MAY	25	0935	19.99	19	19.44	155	18.48	7.46	26	.14	.5	1.0	SWR	1.1X	116	3
2004	MAY	25	1150	51.10	19	30.24	155	46.86	9.62	29	.17	.9	.5	KON	1.5X	234	2
2004	MAY	25	1251	56.62	19	20.34	155	11.60	8.93	34	.08	.4	.6	SF3	1.7X	144	5
2004	MAY	25	1541	5.61	19	50.74	155	33.02	20.17	28	.09	.6	1.6	KEA	1.7X	114	12
2004	MAY	25	1810	51.54	19	50.27	155	23.54	26.12	16	.09	.9	1.9	KEA	1.1X	138	8
2004	MAY	26	0415	47.09	19	21.93	155	16.98	24.83	35	.11	.8	.8	DEP	1.6X	63	2
2004	MAY	26	0821	23.03	19	14.27	155	26.40	9.28	40	.13	.4	.9	LSW	1.5X	120	7
2004	MAY	26	1631	9.39	19	21.60	155	25.79	11.01	35	.10	.4	.8	KAO	1.6X	93	4
2004	MAY	26	1713	8.12	19	28.98	155	26.95	9.54	47	.11	.3	.7	KAO	2.5X	48	6
2004	MAY	26	2325	22.24	19	23.67	154	58.95	3.71	19	.09	.8	.6	SLE	1.2X	203	3
2004	MAY	27	0133	21.16	19	49.19	1										

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	MAY	28	1529	20.40	19	23.43	155	16.69	3.02	35	.07	.3	.2	SSC	2.1X	75	0
2004	MAY	28	1704	32.07	19	21.81	155	12.45	2.86	18	.07	.3	.3	SER	1.7X	121	2
2004	MAY	28	1854	44.75	19	21.81	155	10.99	2.60	36	.09	.4	.3	SER	1.6X	133	2
2004	MAY	28	2312	26.71	19	15.81	155	26.48	8.84	36	.16	.4	.8	LSW	1.2X	108	7
2004	MAY	29	0429	33.18	19	20.69	154	59.36	9.20	39	.14	.8	.6	LER	2.0X	219	8
2004	MAY	29	0430	1.24	19	20.13	154	58.49	8.38	32	.11	.7	.8	LER	1.8X	228	9
2004	MAY	29	0749	47.95	19	22.64	155	13.78	3.85	19	.07	.4	.3	SER	1.4X	111	1
2004	MAY	29	0820	58.05	19	23.15	155	16.87	2.79	33	.09	.2	.1	SSC	1.6X	70	0
2004	MAY	29	0825	28.41	19	10.23	155	24.90	41.16	38	.08	.7	1.1	DEP	1.6X	176	5
2004	MAY	29	1316	7.07	19	21.73	155	13.28	2.81	19	.08	.3	.3	SER	1.5X	110	2
2004	MAY	29	1331	40.03	19	25.66	155	29.48	10.73	30	.08	.4	1.0	KAO	1.1X	64	7
2004	MAY	29	1452	26.76	19	19.24	154	59.15	10.25	48	.10	.6	.4	LER	2.7X	219	11
2004	MAY	29	1503	11.36	19	21.50	155	0.55	8.47	41	.11	.6	.5	SF5	2.0X	207	7
2004	MAY	29	1504	50.57	19	20.32	154	59.15	9.46	39	.13	.9	.5	LER	2.0X	222	9
2004	MAY	29	1538	24.46	19	19.65	154	59.04	9.34	31	.15	1.1	.8	LER	2.0X	226	10
2004	MAY	29	1649	31.51	19	6.57	155	23.76	33.40	27	.06	1.0	1.6	LOI	1.3X	264	9
2004	MAY	29	2107	53.79	18	52.64	156	19.40	6.95	16	.12	8.2	9.8	DIS	1.8X	309	70
2004	MAY	30	0254	41.39	19	20.54	154	59.51	8.34	36	.13	1.0	.7	LER	1.3X	226	9
2004	MAY	30	1011	29.10	19	21.12	155	17.33	11.76	39	.08	.4	.5	SWR	1.4X	61	2
2004	MAY	30	1227	28.73	19	19.79	155	11.65	7.90	42	.10	.4	.5	SF3	1.6X	146	6
2004	MAY	30	1332	2.96	19	23.30	155	28.46	10.39	28	.10	.4	.8	KAO	1.0X	70	2
2004	MAY	30	2038	18.09	19	30.88	155	7.98	13.67	36	.11	.4	.6	DEP	1.5X	101	14
2004	MAY	30	2135	6.15	19	20.03	155	7.31	9.08	37	.09	.6	.5	SF4	1.5X	186	6
2004	MAY	31	0430	47.79	19	22.74	155	59.12	12.08	15	.10	1.3	.7	KON	1.1X	290	27
2004	MAY	31	0459	11.12	19	18.75	154	58.04	6.74	39	.19	.9	.9	LER	1.7X	248	12
2004	MAY	31	0517	25.20	20	26.11	155	34.25	6.31	32	.12	1.8	1.7	DIS	2.0X	291	40
2004	MAY	31	0630	40.23	19	22.59	155	14.22	3.36	22	.08	.4	.3	SEC	1.6X	103	2
2004	MAY	31	0816	58.04	19	25.56	155	19.80	5.64	23	.07	.4	.9	KAO	1.2X	91	3
2004	MAY	31	0836	17.61	19	49.53	156	12.46	38.14	27	.10	1.3	2.5	HUA	2.0X	281	56
2004	MAY	31	0918	42.83	19	13.79	156	21.57	7.11	23	.10	7.6	9.8	DIS	1.9X	319	70
2004	MAY	31	1251	18.21	19	2.00	154	58.93	50.30	47	.10	1.0	1.3	DIS	2.2X	259	38
2004	MAY	31	1315	32.59	19	24.27	155	14.54	3.85	15	.09	.5	.8	SEC	1.2X	139	4
2004	MAY	31	1443	0.52	19	15.68	155	31.90	10.13	40	.12	.4	.7	LSW	2.0X	101	3
2004	MAY	31	1448	28.39	19	29.57	155	26.69	3.50	34	.12	.3	1.0	KAO	1.7X	103	5
2004	MAY	31	1456	49.79	19	29.00	155	26.45	2.33	19	.11	.3	.8	KAO	1.7X	93	6
2004	MAY	31	1849	40.51	19	19.02	155	27.62	10.74	31	.09	.4	.7	KAO	1.2X	84	6
2004	MAY	31	2121	16.65	19	17.39	155	12.73	9.37	34	.10	.5	.7	SF2	1.3X	184	1
2004	JUN	1	0216	59.59	19	25.96	155	27.62	0.87	21	.12	.3	.5	KAO	1.0X	68	6
2004	JUN	1	1453	7.89	19	12.34	155	20.76	45.37	48	.09	.8	.9	DEP	3.1X	177	11
2004	JUN	1	1704	24.79	19	31.70	155	51.15	10.79	19	.14	1.1	.8	KON	1.1X	230	9
2004	JUN	1	1858	7.22	19	35.03	154	57.12	38.02	40	.10	.7	1.0	HIL	1.7X	197	14
2004	JUN	1	2155	33.53	19	18.28	156	26.29	6.81	29	.12	9.111	7	DIS	1.9X	329	74
2004	JUN	2	1625	43.32	19	8.22	155	19.83	37.26	24	.08	1.1	1.6	LOI	1.4X	246	14
2004	JUN	2	1725	52.84	19	9.84	155	38.93	2.18	30	.12	.4	.7	LSW	1.5X	155	18
2004	JUN	2	2127	46.86	19	23.72	155	36.02	1.48	13	.17	.5	.7	MLO	.9X	133	3

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUN	2	2133	13.88	19	24.81	155	36.54	1.43	16	.09	.3	.4	MLO	1.1X	103	2
2004	JUN	3	0830	34.78	19	20.13	155	7.79	9.12	45	.07	.5	.4	SF4	2.3X	182	6
2004	JUN	3	0951	25.72	19	21.91	155	2.31	8.78	41	.11	.6	.5	SF5	2.1X	194	5
2004	JUN	3	1418	46.76	19	20.63	155	7.70	10.47	48	.10	.5	.4	SF4	2.9X	174	5
2004	JUN	3	1704	25.73	19	25.95	155	33.46	8.75	23	.13	.5	1.5	MLO	1.0X	72	5
2004	JUN	3	1847	40.30	19	13.40	155	22.64	50.18	21	.06	1.0	1.1	DEP	1.5X	229	11
2004	JUN	3	2136	26.89	19	4.80	155	23.60	36.62	48	.09	.7	1.0	LOI	2.4X	201	11
2004	JUN	3	2218	46.73	19	10.13	155	31.67	12.46	29	.13	.5	.6	LSW	1.4X	226	7
2004	JUN	4	0006	58.54	19	23.27	155	15.00	3.24	20	.08	.4	.3	SEC	1.5X	138	2
2004	JUN	4	0011	53.16	18	57.40	155	6.42	37.34	35	.08	1.0	1.8	LOI	1.7X	254	38
2004	JUN	4	0103	54.27	19	4.00	155	23.74	38.03	20	.08	1.3	2.0	LOI	1.2X	300	23
2004	JUN	4	0231	5.45	19	16.22	155	27.45	6.10	33	.13	.4	1.1	LSW	1.2X	110	10
2004	JUN	4	0237	6.51	19	4.36	155	23.71	36.48	46	.09	.7	1.1	LOI	2.0X	203	12
2004	JUN	4	0333	34.73	19	25.88	155	24.20	12.14	44	.10	.3	.4	KAO	2.9X	40	7
2004	JUN	4	0534	49.01	19	21.28	155	4.35	6.93	37	.11	.7	.7	SF5	1.3X	190	6
2004	JUN	4	0542	12.56	19	21.19	155	30.29	10.49	26	.07	.4	1.7	KAO	1.2X	94	11
2004	JUN	4	1233	5.61	19	23.14	155	14.63	3.21	47	.12	.2	.3	SEC	3.2X	60	3
2004	JUN	4	1233	27.12	19	23.61	155	14.87	3.01	28	.12	.3	.4	SEC	2.7X	106	3
2004	JUN	4	1234	20.68	19	22.90	155	14.59	1.98	27	.09	.3	.2	SEC	2.3X	103	2
2004	JUN	4	1237	57.77	19	22.97	155	14.50	2.41	16	.09	.4	.4	SEC	1.4X	142	3
2004	JUN	4	1316	43.78	19	22.77	155	14.59	2.40	25	.09	.3	.3	SEC	2.1X	101	2
2004	JUN	4	1319	49.89	19	23.00	155	14.61	2.30	22	.07	.3	.3	SEC	1.9X	109	3
2004	JUN	4	1342	28.13	19	22.78	155	14.61	2.03	20	.07	.3	.3	SEC	1.8X	106	2
2004	JUN	4	1405	35.22	19	5.05	155	23.72	35.16	52	.10	.6	1.0	LOI	3.3X	199	11
2004	JUN	4	1514	48.61	19	21.58	155	10.77	2.39	17	.10	.4	.4	SER	1.6X	144	2
2004	JUN	4	1718	21.38	19	22.90	155	14.55	3.06	39	.10	.2	.2	SEC	2.1X	69	3
2004	JUN	4	2227	5.75	19	26.82	155	29.12	10.57	39	.09	.3	.6	KAO	1.8X	45	10
2004	JUN	5	0212	21.49	19	22.87	155	13.85	3.92	20	.09	.4	.5	SER	1.6X	113	1
2004	JUN	5	0535	51.41	19	30.09	155	32.71	12.77	31	.10	.4	.7	MLO	1.5X	49	5
2004	JUN	5	1042	18.80	19	23.41	155	14.80	3.60	20	.05	.3	.4	SEC	1.7X	112	3
2004	JUN	5	1316	52.81	19	21.29	155	1.30	8.46	50	.10	.6	.4	SF5	3.0X	182	7
2004	JUN	5	1357	32.22	20	0.84	155	25.58	7.42	47	.12	.6	.4	KEA	2.5X	200	26
2004	JUN	5	1407	0.51	19	24.11	155	16.08	3.33	20	.06	.4	.3	SEC	1.6X	103	1
2004	JUN	5	1451	5.59	19	22.34	155	29.85	10.36	24	.07	.4	.8	KAO	1.4X	82	4
2004	JUN	5	2226	43.18	19	23.22	155	14.82	3.18	19	.06	.4	.3	SEC	1.5X	110	2
2004	JUN	6	0200	57.60	19	22.73	155	14.04	2.52	17	.09	.4	.6	SEC	1.3X	11	

---		ORIGIN TIME (HST)--		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUN	7	1811	27.15	19	23.87	155	2.17	3.15	25	.09	.8	.5	SME	1.4X	170	3
2004	JUN	7	2120	19.69	19	18.74	155	13.52	9.86	47	.12	.4	.4	SF2	2.2X	113	3
2004	JUN	8	0005	19.71	19	26.48	155	40.43	21.27	14	.13	1.2	1.6	DML L	1.5X	134	6
2004	JUN	8	0322	46.48	19	24.04	155	0.57	3.31	37	.11	.6	.8	SME	2.0X	183	4
2004	JUN	8	0334	11.32	19	12.92	155	26.18	39.55	22	.07	1.1	1.4	DES	1.2X	246	8
2004	JUN	8	1312	59.58	19	11.96	155	15.82	44.43	24	.07	1.1	1.2	DEP	1.4X	260	10
2004	JUN	8	1710	40.13	19	37.70	156	7.13	37.68	47	.10	.9	1.5	KON	2.6X	246	39
2004	JUN	8	2044	28.40	18	58.36	155	10.99	47.25	24	.11	1.8	2.2	LOI	1.5X	317	35
2004	JUN	9	0112	24.04	19	50.59	155	31.88	20.21	26	.11	.6	1.6	KEA	1.5X	157	10
2004	JUN	9	0336	43.26	19	25.11	155	29.81	10.40	32	.10	.4	.8	KAO	1.4X	68	6
2004	JUN	9	0722	53.83	19	21.89	155	4.42	9.18	32	.11	.7	.6	SF5	1.5X	182	5
2004	JUN	9	1732	30.59	19	22.72	155	14.53	2.28	19	.10	.3	.3	SEC	1.3X	130	2
2004	JUN	9	2054	30.40	19	12.38	155	17.75	41.82	35	.07	.7	.9	DEP	1.5X	184	10
2004	JUN	9	2124	30.32	19	29.64	155	48.38	12.31	21	.09	.8	.4	KON	1.3X	216	5
2004	JUN	9	2322	55.21	19	49.74	156	3.41	46.55	31	.11	1.1	1.8	HUA	2.1X	303	42
2004	JUN	9	2337	3.20	19	26.00	155	18.61	7.38	20	.07	.5	1.0	INT	1.3X	89	2
2004	JUN	10	0018	38.56	19	30.74	155	29.15	7.51	21	.09	.4	1.4	MLO	1.1X	74	3
2004	JUN	10	0436	16.62	19	15.04	155	27.06	9.81	41	.09	.3	.6	LSW	1.5X	107	5
2004	JUN	10	0555	10.57	19	23.07	155	15.02	2.91	19	.08	.4	.3	SEC	1.3X	106	2
2004	JUN	10	0849	3.66	19	11.56	155	9.73	10.06	34	.11	.8	.5	SF3	1.7X	255	12
2004	JUN	11	0814	33.09	19	22.46	155	14.20	3.34	17	.05	.4	.3	SEC	1.3X	128	2
2004	JUN	11	1038	50.71	19	25.06	155	29.91	8.52	24	.08	.4	.9	KAO	1.6X	68	6
2004	JUN	11	1117	35.14	19	24.04	155	15.60	2.97	24	.09	.3	.3	SEC	1.8X	103	2
2004	JUN	11	2330	36.11	19	23.45	155	14.75	2.93	16	.08	.4	.5	SEC	1.4X	120	3
2004	JUN	12	0538	49.26	19	21.84	155	18.97	30.27	24	.10	.9	1.2	DEP	1.3X	63	4
2004	JUN	12	0814	36.14	19	28.92	155	27.79	7.94	34	.10	.3	1.0	KAO	1.5X	63	6
2004	JUN	12	0940	4.41	19	25.54	155	20.09	2.43	31	.08	.3	.4	KAO	1.6X	90	3
2004	JUN	12	0940	22.39	19	9.61	155	24.13	31.62	25	.10	.9	1.6	LOI	1.9X	216	7
2004	JUN	12	0956	4.73	19	25.13	155	31.17	11.74	25	.08	.5	1.0	KAO	1.4X	120	8
2004	JUN	12	1037	9.37	19	32.45	155	40.87	6.38	28	.14	.5	2.2	MLO	1.6X	86	9
2004	JUN	12	1708	3.13	19	19.18	155	10.98	8.86	43	.10	.4	.3	SF3	1.8X	166	6
2004	JUN	12	1802	9.55	19	25.45	155	19.70	3.79	35	.10	.3	.6	KAO	1.8X	51	3
2004	JUN	12	1802	39.49	19	25.70	155	19.88	3.59	33	.11	.4	.6	KAO	1.9X	56	4
2004	JUN	12	1828	6.83	19	19.10	155	26.76	9.81	23	.09	.5	.7	KAO	1.1X	88	6
2004	JUN	12	1948	32.77	19	25.50	155	47.66	13.02	19	.14	1.1	.5	KON	1.5X	259	10
2004	JUN	12	2041	43.18	19	25.68	155	19.73	2.81	27	.12	.4	.5	KAO	1.2X	92	4
2004	JUN	12	2216	54.48	19	25.84	155	19.49	3.28	23	.09	.4	.6	KAO	1.1X	94	3
2004	JUN	13	0209	30.57	19	20.93	155	6.28	8.87	47	.11	.5	.4	SF4	2.9X	145	5
2004	JUN	13	0425	14.27	19	18.07	155	25.45	7.58	29	.11	.6	.6	LSW	1.1X	142	5
2004	JUN	13	1422	38.34	19	20.67	155	3.42	9.07	47	.09	.6	.4	SF5	2.3X	197	7
2004	JUN	13	1549	30.13	19	44.23	155	32.29	16.30	26	.10	.5	.9	KEA	1.2X	80	10
2004	JUN	13	2053	22.24	19	20.15	155	7.36	8.67	41	.08	.4	.5	SF4	1.6X	184	6
2004	JUN	13	2355	50.26	19	30.03	155	29.96	3.88	26	.07	.3	1.3	MLO	1.3X	71	5
2004	JUN	14	0126	52.52	19	16.86	155	29.39	11.58	25	.09	.4	.8	LSW	1.2X	93	4
2004	JUN	14	0351	56.87	19	27.36	155	51.03	14.82	22	.13	1.2	.5	KON	1.3X	241	11

---		ORIGIN TIME (HST)--		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUN	14	0858	39.99	19	25.98	155	14.88	0.75	16	.10	.3	.4	SNC	1.5X	168	4
2004	JUN	14	1338	20.57	19	23.53	155	3.02	3.53	44	.10	.5	.4	SME	2.4X	169	2
2004	JUN	14	1356	43.78	20	12.67	155	41.10	30.69	44	.12	.9	1.4	KOH	2.3X	261	13
2004	JUN	14	1500	59.17	20	1.65	156	17.22	6.62	22	.10	2.6	2.7	KOH	2.0X	300	54
2004	JUN	14	1635	41.91	19	19.79	155	6.81	6.55	29	.12	.9	1.1	SF4	1.7X	218	7
2004	JUN	14	1700	35.00	19	59.29	155	43.24	29.81	17	.09	.9	1.7	KOH	1.4X	138	16
2004	JUN	14	1921	33.80	19	26.87	155	29.99	11.26	34	.09	.4	.9	KAO	1.4X	60	9
2004	JUN	14	2357	27.56	19	28.26	155	30.60	22.60	26	.09	.5	1.0	DML	1.3X	80	8
2004	JUN	15	0312	8.85	19	13.70	155	33.68	6.60	38	.13	.3	.9	LSW	2.3X	123	7
2004	JUN	15	0612	15.85	19	25.64	154	55.73	3.91	39	.13	.7	.5	SLE F	1.9X	230	3
2004	JUN	15	1053	31.84	19	29.65	155	25.46	1.83	16	.10	.3	.6	KAO	1.3X	112	4
2004	JUN	15	1339	53.76	19	55.87	156	8.52	22.97	17	.10	1.7	7.3	KOH	1.6X	311	42
2004	JUN	15	1533	13.46	19	24.82	155	13.06	4.53	15	.12	.8	4.1	SER	1.5X	168	6
2004	JUN	15	1741	27.80	19	45.34	156	9.64	32.21	16	.11	2.1	4.4	HUA	1.5X	307	50
2004	JUN	15	1840	34.85	19	8.99	155	16.72	38.93	21	.13	1.2	1.7	LOI	1.5X	279	16
2004	JUN	15	1841	37.40	19	10.07	155	15.63	46.47	44	.09	.7	.9	DEP	1.8X	198	13
2004	JUN	15	1939	44.02	19	22.28	155	10.71	31.35	40	.09	.8	.7	DEP	1.6X	132	1
2004	JUN	15	2054	13.24	19	50.57	155	50.10	40.79	27	.10	1.0	1.5	HUA	1.4X	262	17
2004	JUN	16	0145	11.19	19	20.51	155	5.55	8.63	42	.11	.6	.5	SF4	1.7X	189	6
2004	JUN	16	0327	30.52	18	35.13	153	42.76	34.39	28	.13	3.6	2.6	DES	2.5X	338	160
2004	JUN	16	0330	22.70	19	25.11	155	37.49	2.57	25	.14	.4	.4	MLO	1.6X	104	1
2004	JUN	16	0650	54.98	19	9.98	155	40.95	5.66	22	.11	.9	2.4	LSW	1.3X	256	21
2004	JUN	16	0720	39.90	19	44.39	155	21.62	44.86	47	.10	.7	1.0	KEA	2.0X	90	11
2004	JUN	16	0730	1.49	19	19.01	155	15.50	8.58	32	.10	.4	.7	SF1	1.1X	116	4
2004	JUN	16	0734	48.52	18	57.11	155	13.13	31.13	41	.10	1.1	1.8	LOI	1.8X	246	35
2004	JUN	16	1635	12.75	19	23.17	155	17.09	2.68	23	.07	.3	.2	SSC	1.4X	59	0
2004	JUN	16	2024	56.47	19	50.98	155	46.16	14.97	24	.10	.9	.8	HUA	1.8X	180	12
2004	JUN	17	0137	14.90	19	24.21	155	13.21	14.92	18	.11	1.5	.4	DEP	1.4X	262	6
2004	JUN	17	0641	32.42	19	21.28	155	6.95	9.66	35	.09	.5	.5	SF4	1.4X	173	4
2004	JUN	17	0748	38.58	19	43.97	155	1.58	43.60	41	.11	.8	1.2	HLL	2.0X	220	3
2004	JUN	17	0756	7.26	19	13.38	155	2.25	40.85	43	.11	.9	.9	DEP	2.3X	237	20
2004	JUN	17	1511	45.01	19	15.89	155	20.98	30.10	37	.09	.6	1.1	DEP	1.9X	145	6
2004	JUN	17	1641	8.20	19	23.37	155	16.73	3.47	16	.09	.5	.4	SSC	1.2X	83	0
2004	JUN	17	2054	47.61	19	26.49	155	35.63	8.22	18	.11	.4	.8	MLO	1.2X	102	2
2004	JUN	18	0123	44.71	19	15.15	155	3.06	45.78	44	.10	1.0	.7	DEP	2.2X	216	17
2004	JUN	18	0456	55.46</													

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUN	18	2049	34.40	19	15.53	155	11.80	9.31	25	.10	.7	.9	SF3	1.4X	231	4
2004	JUN	18	2315	22.97	19	12.06	155	33.34	4.00	34	.15	.5	1.9	LSW	1.7X	119	8
2004	JUN	19	0204	14.14	19	20.17	155	8.67	8.30	38	.10	.6	.5	SF4	1.7X	220	5
2004	JUN	19	0211	1.07	19	18.46	155	14.28	2.62	23	.11	.6	1.0	SSF	1.1X	113	3
2004	JUN	19	1139	58.94	19	25.71	155	19.32	7.61	27	.08	.4	.8	KAO	1.3X	91	3
2004	JUN	19	1808	50.64	19	19.64	155	7.97	5.75	27	.13	.7	1.6	SF4	1.0X	187	7
2004	JUN	19	1848	32.66	19	20.90	155	11.14	8.58	34	.08	.4	.6	SF3	1.6X	140	4
2004	JUN	19	2241	27.45	19	18.80	155	28.86	11.43	31	.11	.4	1.1	LSW	1.5X	86	7
2004	JUN	19	2304	47.24	19	22.72	154	49.54	46.33	25	.12	1.8	1.4	LER	1.7X	304	13
2004	JUN	20	1146	25.80	19	23.69	155	15.22	2.02	19	.07	.3	.4	SEC	1.3X	111	2
2004	JUN	20	1323	43.09	19	26.44	155	23.69	11.07	39	.12	.4	.8	KAO	1.5X	46	6
2004	JUN	20	1339	31.16	18	53.82	155	10.36	50.31	44	.07	.9	1.4	LOI	2.0X	258	42
2004	JUN	20	1814	4.68	19	28.98	155	26.60	10.64	47	.11	.3	.6	KAO	2.0X	47	6
2004	JUN	20	1904	45.96	19	15.08	155	35.79	2.10	40	.13	.4	.7	LSW	1.8X	134	10
2004	JUN	20	1946	43.39	19	24.25	155	17.01	1.41	19	.11	.3	.2	SSC	1.2X	96	1
2004	JUN	21	0157	40.41	19	20.38	155	7.68	9.49	46	.09	.5	.4	SF4	2.5X	176	5
2004	JUN	21	0503	3.64	19	21.50	155	12.49	1.83	21	.07	.2	.3	SER	1.7X	118	2
2004	JUN	21	1319	30.60	19	29.04	155	26.45	2.93	20	.11	.3	1.0	KAO	1.4X	94	6
2004	JUN	21	1427	14.48	19	29.04	155	26.67	2.56	30	.12	.3	.7	KAO	1.9X	93	6
2004	JUN	21	1602	23.80	19	13.39	155	19.42	29.06	38	.09	.7	.9	DEP	1.6X	175	9
2004	JUN	21	2119	32.42	19	21.56	155	17.89	5.88	21	.13	.5	1.2	SWR	1.4X	64	4
2004	JUN	22	0025	22.78	19	21.52	155	30.03	9.48	32	.08	.3	.7	KAO	1.5X	89	5
2004	JUN	22	0357	56.10	19	18.47	155	13.66	9.15	42	.09	.4	.5	SF2	1.8X	108	3
2004	JUN	22	0656	3.38	19	19.04	155	14.86	8.14	28	.10	.4	.8	SF1	1.3X	108	4
2004	JUN	22	0908	25.83	19	57.77	155	42.04	28.41	35	.13	.8	1.5	KOH	2.0X	130	12
2004	JUN	22	2010	32.08	19	19.59	155	30.42	9.09	43	.11	.3	.7	KAO	1.8X	77	7
2004	JUN	23	0122	25.86	19	10.30	155	35.83	0.01	29	.14	.4	.2	LSW	# 1.7X	134	13
2004	JUN	23	0352	20.62	19	23.39	155	14.80	3.83	37	.09	.3	.4	SEC	2.1X	53	3
2004	JUN	23	0923	25.17	19	20.48	155	7.05	8.67	38	.07	.5	.5	SF4	1.5X	182	5
2004	JUN	23	0942	52.72	19	16.68	155	27.99	12.11	38	.11	.4	.9	LSW	2.1X	91	5
2004	JUN	23	1313	35.85	19	23.14	155	14.87	3.27	15	.07	.4	.4	SEC	1.7X	136	2
2004	JUN	23	1819	34.42	19	21.29	155	12.78	0.89	18	.09	.2	.4	SER	1.6X	122	3
2004	JUN	23	2154	23.17	19	9.69	155	31.41	1.02	26	.14	.4	.5	LSW	1.5X	126	6
2004	JUN	24	0353	50.04	20	3.64	155	28.25	29.26	20	.09	1.4	2.2	KEA	1.2X	220	23
2004	JUN	24	0410	36.09	19	23.36	155	16.98	3.16	21	.13	.4	.3	SSC	1.6X	46	0
2004	JUN	24	0524	32.12	19	16.31	155	12.04	8.22	31	.11	.6	.9	SF3	1.5X	251	3
2004	JUN	24	0554	34.10	19	19.86	155	13.10	5.36	30	.09	.4	1.1	SF2	1.1X	120	5
2004	JUN	24	0623	52.45	19	35.18	155	50.95	1.51	22	.15	1.1	.7	KON	1.3X	222	11
2004	JUN	24	1503	22.14	19	23.06	155	14.80	3.72	16	.05	.3	.4	SEC	1.6X	141	2
2004	JUN	24	1746	27.36	19	34.37	155	51.86	4.78	9	.12	2.5	1.1	3 KON	- 1.7X	232	13
2004	JUN	25	0048	26.78	19	4.79	155	24.22	35.67	19	.06	1.1	1.2	LOI	1.5X	211	22
2004	JUN	25	0421	53.80	19	27.48	155	14.37	32.34	32	.11	.6	1.3	DEP	1.4X	51	4
2004	JUN	25	0428	46.96	19	6.21	155	29.39	28.20	28	.08	1.2	1.5	DLS	1.7X	271	16
2004	JUN	25	0554	53.88	19	29.42	155	26.22	6.59	17	.08	.4	1.1	KAO	1.3X	76	5
2004	JUN	25	1221	35.21	19	23.05	155	16.83	2.94	28	.09	.3	.2	SSC	1.6X	74	1

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUN	25	1506	49.95	19	27.50	155	11.86	42.44	44	.09	.7	.8	DEP	1.9X	67	8
2004	JUN	25	2224	32.76	19	26.05	155	18.93	7.03	36	.09	.4	.6	INT	1.6X	54	3
2004	JUN	25	2235	57.29	19	23.23	155	14.79	3.71	41	.08	.2	.3	SEC	2.5X	58	2
2004	JUN	25	2347	55.44	19	27.89	155	36.89	13.09	18	.10	.6	.9	DML L	1.3X	83	2
2004	JUN	26	0115	42.43	19	23.31	155	14.72	3.24	19	.07	.3	.3	SEC	1.8X	112	3
2004	JUN	26	0447	27.57	19	19.00	155	44.91	12.28	31	.11	.7	.3	KON	1.6X	181	10
2004	JUN	26	0535	53.94	19	22.21	155	4.96	8.91	43	.10	.6	.4	SF5	2.2X	175	4
2004	JUN	26	0613	32.40	19	36.26	155	9.64	9.63	39	.11	.3	1.0	KEA	1.5X	83	18
2004	JUN	26	0645	6.55	19	22.30	155	18.77	32.26	44	.11	.7	.9	DEP	1.8X	49	3
2004	JUN	26	1156	15.45	19	20.00	155	11.98	7.01	34	.09	.4	.8	SF3	1.3X	142	5
2004	JUN	26	1327	29.22	19	17.24	155	12.66	6.12	31	.13	.5	1.0	SF2	1.4X	197	1
2004	JUN	26	1608	47.22	19	48.97	155	4.69	35.84	50	.11	.7	1.4	KEA F	2.7X	221	14
2004	JUN	26	2000	34.55	19	22.43	155	14.25	3.27	18	.07	.4	.3	SEC	1.5X	102	2
2004	JUN	26	2210	27.14	19	21.19	155	4.25	8.20	37	.10	.6	.6	SF5	1.4X	192	6
2004	JUN	27	1255	6.41	19	23.20	155	14.11	4.26	18	.09	.5	.6	SEC	1.4X	117	2
2004	JUN	27	1413	12.57	19	13.14	156	21.48	32.40	32	.08	1.2	3.5	DIS	2.2X	281	70
2004	JUN	27	2127	25.24	19	7.19	154	56.87	46.51	40	.09	1.1	1.0	DIS	2.3X	255	33
2004	JUN	27	2157	23.69	19	14.44	155	3.61	38.47	24	.09	1.2	.8	DEP	1.4X	251	18
2004	JUN	27	2243	49.23	19	22.96	155	14.73	3.52	19	.04	.4	.4	SEC	1.6X	108	2
2004	JUN	28	0144	45.86	19	18.39	155	1.00	38.85	43	.09	.9	.6	DEP	1.9X	234	12
2004	JUN	28	0356	44.69	19	20.13	155	10.35	9.26	24	.08	.6	.7	SF3	1.4X	159	5
2004	JUN	28	0441	25.88	19	39.54	155	53.89	18.02	15	.16	1.4	2.1	HUA	1.2X	279	7
2004	JUN	28	0808	38.61	19	23.77	155	16.47	2.84	20	.11	.4	.2	SEC	1.4X	95	0
2004	JUN	28	1031	9.81	19	23.12	155	14.72	3.52	21	.06	.4	.4	SEC	1.8X	104	2
2004	JUN	28	1248	1.95	19	24.08	155	15.38	2.79	20	.09	.3	.5	SEC	1.6X	114	2
2004	JUN	28	1315	42.56	19	12.86	155	19.49	44.59	32	.09	.9	1.1	DEP	1.9X	190	10
2004	JUN	28	1628	29.03	19	51.02	155	46.23	39.50	30	.12	.9	1.2	HUA	1.9X	157	12
2004	JUN	28	2001	24.65	19	34.16	155	52.98	5.62	16	.14	1.2	2.7	KON	1.2X	243	14
2004	JUN	28	2022	30.11	19	10.69	155	29.62	8.83	19	.09	.7	1.0	LSW	1.5X	251	8
2004	JUN	28	2329	59.00	19	7.96	155	7.90	43.53	21	.10	1.6	1.6	LOI	1.6X	307	19
2004	JUN	29	0121	31.42	19	25.00	154	57.19	3.64	38	.12	.7	.4	SLE	1.9X	207	3
2004	JUN	29	0233	49.95	19	6.70	155	28.25	29.73	24	.08	.8	1.8	DLS	1.5X	183	16
2004	JUN	29	1449	9.50	19	19.90	155	7.87	6.79	32	.12	.6	1.0	SF4	1.4X	184	6
2004	JUN	29	1813	5.26	19	23.37	155	17.04	3.09	18	.10	.3	.3	SSC	1.3X	68	0
2004	JUN	30	0106	4.90	19	44.87	155	28.68	25.79	29	.11	.6	1.2	KEA	1.7X	85	4
2004	JUN	30	0118	55.55	19												

---ORIGIN		TIME (HST)		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2004	JUL	1	0918	44.34	19	20.23	155	15.63	33.63	18	.05	1.0	1.3	DEP	1.4X	102	3
2004	JUL	1	1619	28.54	19	20.11	155	6.90	7.91	37	.11	.6	.8	SF4	1.6X	187	6
2004	JUL	1	2139	14.93	19	20.40	155	6.68	9.05	39	.06	.4	.5	SF4	1.4X	186	6
2004	JUL	2	0035	26.30	19	22.86	155	13.99	2.00	21	.09	.5	.2	SEC	2.1X	107	2
2004	JUL	2	0311	58.23	19	22.84	155	14.13	1.87	24	.07	.4	.2	SEC	1.8X	106	2
2004	JUL	2	0444	14.25	19	27.08	155	29.38	10.53	30	.10	.4	1.3	KAO	1.6X	57	10
2004	JUL	2	0823	16.02	19	18.49	155	9.31	37.25	40	.09	.9	.8	DEP	2.2X	204	8
2004	JUL	2	1336	52.18	19	20.71	155	2.04	6.36	27	.10	.7	1.0	SF5	1.3X	226	8
2004	JUL	2	1345	41.87	19	17.53	155	31.02	11.52	34	.09	.4	1.1	LSW	1.8X	135	5
2004	JUL	3	0555	31.90	19	19.73	155	8.78	8.09	42	.09	.5	.5	SF4	2.0X	179	6
2004	JUL	3	0612	11.43	19	20.21	155	7.77	9.29	43	.10	.5	.4	SF4	2.2X	180	6
2004	JUL	3	1458	14.22	19	21.37	155	8.07	8.99	44	.08	.5	.4	SF4	1.9X	163	4
2004	JUL	3	1647	56.87	19	24.11	155	1.18	3.57	28	.12	.6	.9	SME	2.0X	173	5
2004	JUL	3	2107	35.71	19	20.45	155	8.53	8.55	38	.09	.5	.6	SF4	2.3X	171	5
2004	JUL	4	0106	49.69	19	21.09	155	6.06	8.64	43	.10	.4	.4	SF4	2.0X	181	5
2004	JUL	4	0620	10.81	19	23.62	155	15.06	3.30	30	.10	.3	.3	SEC	1.8X	104	3
2004	JUL	4	0736	0.00	19	21.11	155	16.88	33.33	44	.08	.7	.8	DEP	1.9X	66	2
2004	JUL	4	1209	57.27	19	22.23	155	30.07	9.29	33	.09	.4	.7	KAO	1.2X	85	4
2004	JUL	4	1515	54.71	19	19.56	155	9.00	7.61	35	.09	.5	.8	SF4	1.4X	180	6
2004	JUL	4	1606	10.97	19	34.47	155	41.01	8.48	43	.12	.4	.8	MLO	2.0X	78	11
2004	JUL	5	0231	31.01	19	13.81	155	29.22	35.79	44	.09	.6	1.0	DLS	2.0X	91	3
2004	JUL	5	0605	25.70	19	22.96	155	14.61	3.22	19	.07	.4	.4	SEC	1.6X	108	2
2004	JUL	5	0709	17.98	19	13.82	155	29.07	38.99	36	.08	.8	1.2	DLS	1.6X	142	3
2004	JUL	5	0752	7.75	19	32.97	155	37.45	11.21	18	.09	.7	1.0	MLO	1.0X	173	4
2004	JUL	5	0758	38.28	19	30.83	155	33.75	11.57	17	.12	.6	1.1	MLO	.9X	76	3
2004	JUL	5	1005	7.84	19	25.82	155	35.79	43.72	34	.14	.9	1.2	DML L	2.5X	64	3
2004	JUL	5	1337	45.17	19	19.68	155	7.83	9.37	40	.09	.4	.5	SF4	2.0X	185	7
2004	JUL	5	1427	48.19	19	23.11	155	14.40	4.21	36	.10	.3	.5	SEC	2.3X	60	2
2004	JUL	5	1729	56.81	19	25.31	155	32.54	28.00	24	.10	1.0	1.4	DML L	2.3X	75	7
2004	JUL	5	1940	5.31	19	33.18	155	37.46	10.36	35	.10	.6	.6	MLO	1.5X	102	8
2004	JUL	6	0036	42.24	19	13.20	154	57.72	0.01	38	.18	2.0	.6	DIS	# 2.0X	273	22
2004	JUL	6	0101	30.11	19	17.87	155	1.16	0.78	26	.12	1.5	.6	SSF	1.3X	236	13
2004	JUL	6	0158	37.00	19	18.58	155	1.32	2.01	32	.13	1.2	.9	SSF	1.4X	231	12
2004	JUL	6	0808	31.28	19	24.17	155	16.05	3.05	19	.06	.4	.3	SEC	1.2X	146	1
2004	JUL	7	0004	55.45	19	19.96	155	8.00	8.82	40	.08	.5	.5	SF4	1.6X	182	6
2004	JUL	7	0106	44.46	19	21.96	155	4.88	10.27	36	.10	.8	.4	SF5	1.5X	178	5
2004	JUL	7	0122	8.32	19	23.19	155	1.58	8.13	35	.12	.8	.5	SF5	1.5X	188	5
2004	JUL	7	0556	11.82	19	23.35	155	15.19	2.64	17	.08	.4	.4	SEC	1.1X	113	2
2004	JUL	7	1734	0.11	19	24.08	155	15.79	3.16	20	.07	.3	.3	SEC	1.4X	107	1
2004	JUL	7	2209	8.50	19	18.84	155	13.34	6.33	36	.11	.4	.8	SF2	1.3X	119	3
2004	JUL	7	2341	52.45	19	33.98	156	23.52	45.32	27	.10	1.4	2.7	DIS	1.7X	295	60
2004	JUL	7	2343	13.81	19	14.12	155	33.14	5.97	28	.14	.8	1.3	LSW	1.2X	238	6
2004	JUL	8	0304	27.59	19	20.94	155	18.78	5.98	40	.13	.4	.8	SWR	2.0X	65	5
2004	JUL	8	0324	32.74	19	22.57	155	18.21	29.91	38	.09	.7	.7	DEP	2.0X	52	3
2004	JUL	8	0423	47.42	19	23.24	155	0.31	7.74	34	.15	.9	.6	SF5	1.5X	196	4

---ORIGIN		TIME (HST)		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS	
2004	JUL	8	0555	21.56	19	22.15	155	10.66	3.21	36	.08	.4	.3	SER	2.0X	133	1	
2004	JUL	8	0624	52.44	19	18.74	155	15.29	6.80	38	.12	.4	.7	SF1	1.4X	122	4	
2004	JUL	8	0708	6.71	19	20.22	155	13.05	8.05	36	.08	.4	.5	SF2	1.3X	118	4	
2004	JUL	8	1134	6.15	19	19.12	155	31.07	11.92	36	.11	.5	.9	KAO	2.0X	82	8	
2004	JUL	8	1604	21.61	19	17.75	155	22.24	30.37	34	.11	.9	1.3	DEP	1.5X	156	5	
2004	JUL	8	1821	38.86	19	19.55	155	26.88	11.38	29	.11	.5	1.5	KAO	1.4X	114	6	
2004	JUL	8	1919	11.36	19	22.19	155	2.09	7.68	32	.13	.6	.5	SF5	1.4X	195	5	
2004	JUL	8	2032	0.23	19	25.37	155	34.91	41.22	32	.08	.8	1.0	DML L	2.2X	75	4	
2004	JUL	8	2140	55.65	18	57.58	155	28.96	33.87	23	.06	1.1	1.5	DLS	1.5X	237	20	
2004	JUL	8	2310	29.48	19	25.62	155	35.36	41.93	35	.09	.8	.8	DML L	2.4X	73	3	
2004	JUL	9	0130	16.78	19	27.33	155	39.35	41.03	21	.12	1.0	.9	DML L	1.6X	111	5	
2004	JUL	9	0152	47.06	19	27.44	155	36.71	42.16	33	.14	1.0	1.0	DML L	2.6X	82	1	
2004	JUL	9	0233	56.57	19	14.70	155	13.31	7.78	34	.14	.7	.8	SF2	1.4X	233	4	
2004	JUL	9	0312	0.97	19	14.87	155	39.37	0.44	20	.15	1.9	.7	LSW	1.0X	258	12	
2004	JUL	9	0313	2.26	19	23.06	155	14.81	3.55	39	.10	.3	.3	SEC	2.0X	63	2	
2004	JUL	9	0315	51.93	19	22.94	155	14.86	3.41	30	.10	.3	.3	SEC	2.0X	126	2	
2004	JUL	9	0318	15.65	19	23.33	155	14.90	3.37	20	.07	.3	.3	SEC	1.5X	110	2	
2004	JUL	9	0321	44.74	19	23.08	155	14.74	3.63	20	.08	.4	.4	SEC	1.6X	103	2	
2004	JUL	9	0443	25.97	19	18.44	155	13.02	6.42	13	.05	.6	1.2	SF2	1.8X	134	3	
2004	JUL	9	0549	30.77	19	19.85	155	7.19	7.55	37	.11	.6	.8	SF4	1.4X	189	6	
2004	JUL	9	0611	4.13	19	22.01	155	5.13	9.11	42	.09	.6	.4	SF5	2.3X	176	5	
2004	JUL	9	0644	42.97	20	8.60	155	47.40	17.57	44	.13	1.1	1.1	3.3	KOH F-	2.4X	294	34
2004	JUL	9	0702	53.33	19	23.54	155	14.67	3.56	40	.11	.3	.4	SEC	2.3X	49	3	
2004	JUL	9	0920	45.85	19	25.43	155	35.58	42.88	20	.11	1.4	1.8	DML L	2.0X	113	4	
2004	JUL	9	1105	57.28	19	11.20	155	28.07	33.85	33	.06	.8	1.2	DLS	1.6X	139	3	
2004	JUL	9	1116	12.54	19	23.32	155	15.05	3.07	21	.07	.3	.3	SEC	1.3X	109	2	
2004	JUL	9	1408	30.91	19	24.33	155	35.08	50.08	18	.11	1.1	.8	DML L	1.8X	129	5	
2004	JUL	9	1601	2.17	19	23.48	155	14.76	3.83	26	.08	.4	.4	SEC	1.6X	105	3	
2004	JUL	9	1824	24.82	19	23.22	155	14.84	4.03	40	.09	.3	.3	SEC	2.5X	59	2	
2004	JUL	9	1856	38.11	19	20.48	155	7.43	7.62	39	.07	.4	.4	SF4	1.7X	179	5	
2004	JUL	9	2022	8.18	19	17.05	155	25.62	33.63	42	.11	.7	1.0	DLS	1.6X	106	7	
2004	JUL	9	2218	31.56	19	21.44	155	18.58	2.08	19	.09	.3	.6	SWR	1.3X	74	5	
2004	JUL	10	0210	46.68	19	22.28	155	10.08	3.50	43	.09	.4	.3	SEC	2.3X	137	1	
2004	JUL	10	0400	24.62	19	21.97	155	12.77	2.96	24	.06	.4	.3	SER	1.7X	114	1	
2004	JUL	10	0403	40.05	19	21.63	155	12.70	2.51	27	.10	.3	.3	SER	1.8X	115	2	
2004	JUL	10	0405	41.40	19	21.75	155	12.62	2.96	19	.06	.4	.3	SER	1.7X	119	2	

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUL	10	2108	50.46	19	8.59	155	34.49	2.15	23	.12	.6	.9	LSW	1.5X	129	12
2004	JUL	10	2123	17.93	19	21.29	155	10.70	1.25	20	.11	.3	.4	SER	1.4X	141	3
2004	JUL	10	2137	18.36	20	5.90	155	46.82	22.04	22	.11	1.2	1.6	KOH	2.1X	183	3
2004	JUL	11	0058	52.60	19	20.11	155	10.80	9.63	32	.09	.5	.5	SF3	1.4X	154	5
2004	JUL	11	0408	35.44	19	18.41	155	5.61	3.81	27	.09	.8	2.2	SSF	1.1X	221	10
2004	JUL	11	0851	19.22	19	22.84	155	30.23	9.98	25	.08	.5	1.0	KAO	1.3X	83	5
2004	JUL	11	1217	27.05	19	23.34	155	17.07	2.66	22	.08	.3	.2	SSC	1.3X	56	0
2004	JUL	11	1242	3.62	19	20.40	155	13.41	6.58	31	.09	.4	.8	SF2	1.2X	120	4
2004	JUL	12	0700	9.70	19	23.20	155	17.11	2.51	16	.06	.3	.3	SSC	1.2X	86	0
2004	JUL	12	1208	43.18	19	11.24	155	28.36	12.97	25	.12	.5	.8	LSW	1.5X	98	3
2004	JUL	12	1308	39.71	19	26.51	154	53.02	2.66	19	.12	.9	.6	SLE	1.6X	272	4
2004	JUL	12	1638	30.81	19	27.50	155	36.15	44.65	18	.10	1.1	1.3	DML L	2.1X	77	1
2004	JUL	12	1909	14.39	19	22.37	155	5.68	1.75	14	.11	.7	.5	SME	1.6X	168	4
2004	JUL	13	0010	8.52	19	23.57	155	16.99	2.85	21	.10	.3	.2	SSC	1.6X	45	0
2004	JUL	13	0059	41.27	19	11.91	155	36.34	4.74	25	.12	.8	2.7	LSW	1.5X	259	12
2004	JUL	13	0109	28.79	19	13.98	155	31.31	7.37	30	.14	.5	.7	LSW	1.9X	131	3
2004	JUL	13	0144	45.89	19	24.75	155	37.01	44.31	15	.10	1.5	2.0	DML L	1.8X	112	2
2004	JUL	13	0420	56.65	19	25.90	155	29.57	9.26	23	.11	.4	1.1	KAO	1.3X	113	10
2004	JUL	13	0519	46.51	19	23.18	155	14.82	3.49	19	.07	.3	.3	SEC	1.7X	103	2
2004	JUL	13	1137	12.07	19	24.47	155	37.46	3.18	17	.19	.6	.6	MLO	2.0X	76	1
2004	JUL	13	1157	4.57	19	23.49	155	15.41	3.36	11	.07	.5	.6	SEC	1.3X	144	2
2004	JUL	13	1324	15.75	19	21.33	155	6.68	7.53	20	.11	.8	.9	SF4	1.7X	174	4
2004	JUL	13	1404	52.89	20	22.85	155	39.43	16.65	19	.11	1.4	15.4	KOH	2.2X	303	31
2004	JUL	13	1444	26.35	19	20.24	155	19.55	3.40	32	.09	.3	.6	SWR	1.7X	111	4
2004	JUL	13	1546	37.38	19	21.24	155	7.17	8.59	25	.10	.6	.9	SF4	2.1X	171	4
2004	JUL	13	2135	38.64	19	9.79	155	27.13	38.97	20	.13	1.3	1.8	DLS	1.4X	270	20
2004	JUL	13	2259	16.59	19	23.82	155	36.29	40.50	15	.12	1.4	1.8	DML L	2.0X	131	8
2004	JUL	14	0145	30.35	19	20.71	155	6.97	8.22	37	.11	.7	.5	SF4	2.1X	180	5
2004	JUL	14	0146	19.43	19	20.65	155	7.14	8.27	36	.11	.6	.6	SF4	1.6X	179	5
2004	JUL	14	0844	41.51	19	12.59	155	30.14	33.47	42	.09	.6	1.0	DLS	1.8X	98	5
2004	JUL	14	0906	22.76	19	20.46	155	8.23	8.74	37	.09	.6	.7	SF4	1.8X	174	5
2004	JUL	14	1201	57.78	19	24.34	155	17.68	4.16	24	.09	.3	.4	SSC	1.9X	50	2
2004	JUL	14	1648	25.61	19	24.12	155	15.81	3.40	22	.09	.3	.3	SEC	1.8X	98	1
2004	JUL	14	1821	53.28	19	23.24	155	17.05	2.75	22	.06	.3	.2	SSC	1.6X	70	0
2004	JUL	14	2019	2.82	19	23.46	154	54.32	1.93	35	.14	1.2	.8	SLE	1.8X	263	8
2004	JUL	15	0221	42.98	19	23.51	155	15.45	3.22	20	.06	.3	.3	SEC	1.2X	99	2
2004	JUL	15	0243	21.36	19	9.28	155	37.28	2.61	22	.11	1.8	1.9	LSW	1.4X	271	16
2004	JUL	15	0516	5.00	19	32.47	155	35.97	46.00	20	.15	2.2	1.4	DML L	2.0X	160	6
2004	JUL	15	0536	38.35	19	25.00	155	38.42	49.16	18	.17	1.8	1.8	DML L	2.1X	105	6
2004	JUL	15	0646	50.71	19	40.83	155	12.21	14.61	29	.09	.4	.5	KEA	1.3X	114	18
2004	JUL	15	0652	16.15	19	22.72	155	5.61	2.63	36	.11	.6	.5	SME	1.6X	164	4
2004	JUL	15	0859	55.27	19	25.38	155	19.32	3.33	19	.11	.4	.7	KAO F	1.5X	86	3
2004	JUL	15	1313	12.32	19	21.56	155	4.52	6.99	40	.13	.6	.6	SF5	1.7X	185	5
2004	JUL	16	0406	27.43	19	29.82	155	53.58	42.54	37	.07	.8	1.0	KON	2.3X	215	14
2004	JUL	16	0453	57.92	18	52.42	155	10.10	15.53	25	.16	4.4	8.8	LOI	1.7X	295	46

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUL	16	0559	53.78	19	16.78	155	23.48	4.84	37	.13	.4	1.4	SWR	1.9X	122	6
2004	JUL	16	0749	26.82	19	20.42	155	6.62	8.47	36	.09	.6	.7	SF4	1.7X	186	6
2004	JUL	16	1305	52.44	19	31.00	155	27.81	4.06	31	.11	.3	.7	MLO	1.8X	89	2
2004	JUL	16	1619	58.57	19	20.32	155	8.09	9.04	41	.08	.5	.5	SF4	1.9X	177	6
2004	JUL	17	0146	39.95	20	26.52	155	53.26	17.65	23	.11	1.4	12.3	DIS	2.2X	316	37
2004	JUL	17	0452	54.29	19	11.71	155	28.25	44.76	18	.06	1.4	1.5	DLS	1.4X	256	7
2004	JUL	17	0458	37.33	19	17.38	155	29.26	10.50	32	.10	.3	.6	LSW	1.5X	92	4
2004	JUL	17	0932	42.79	18	55.72	155	10.63	15.74	16	.15	6.2	14.6	LOI	1.6X	317	40
2004	JUL	17	1009	1.14	20	0.80	155	31.00	40.76	50	.09	.7	1.1	KEA	2.2X	188	23
2004	JUL	17	1443	59.24	19	10.84	156	13.92	5.88	18	.10	2.1	1.8	KON	1.5X	303	61
2004	JUL	17	2022	0.94	19	21.29	155	5.78	7.79	37	.10	.6	.6	SF4	1.7X	180	5
2004	JUL	17	2023	17.78	19	21.18	155	5.84	8.39	41	.09	.6	.5	SF4	2.1X	182	5
2004	JUL	17	2307	43.06	19	21.15	155	5.52	9.60	27	.10	.7	.8	SF4	1.3X	184	5
2004	JUL	18	0315	45.46	18	56.88	155	29.76	34.55	43	.08	.9	1.2	DLS	2.7X	236	19
2004	JUL	18	0333	25.77	19	24.03	155	16.24	3.31	20	.07	.4	.2	SEC	1.5X	101	1
2004	JUL	18	0759	7.48	19	29.28	154	54.25	0.03	21	.12	1.9	.6	SLE	1.6X	237	4
2004	JUL	18	1145	40.62	20	48.97	155	4.89	3.07	29	.10	6.7	4.8	DIS	2.3X	312	105
2004	JUL	18	1747	10.49	19	20.08	155	10.71	8.43	38	.08	.4	.6	SF3	1.5X	155	5
2004	JUL	18	1845	57.91	19	23.31	155	17.11	2.72	20	.07	.3	.2	SSC	1.6X	47	0
2004	JUL	19	0338	54.24	19	20.99	155	5.70	8.17	38	.10	.5	.4	SF4	1.5X	185	5
2004	JUL	19	0739	17.62	19	25.02	155	38.68	3.67	28	.10	.5	.6	MLO	1.9X	190	2
2004	JUL	19	1041	9.27	19	23.34	155	15.20	2.85	17	.11	.4	.3	SEC	1.6X	143	2
2004	JUL	19	1041	35.10	19	23.57	155	15.18	3.31	22	.09	.3	.4	SEC	2.0X	103	3
2004	JUL	19	1938	19.46	19	23.57	155	15.15	3.74	14	.06	.4	.5	SEC	1.4X	118	3
2004	JUL	19	2126	12.78	19	14.84	155	40.54	3.54	15	.15	2.5	13.8	LSW	1.6X	256	12
2004	JUL	20	0018	14.66	19	23.39	155	15.00	3.09	27	.09	.3	.3	SEC	2.1X	54	2
2004	JUL	20	0047	55.39	19	26.96	155	28.68	10.74	16	.09	.5	.9	KAO	1.1U	106	8
2004	JUL	20	0619	57.56	19	19.39	155	11.61	6.87	20	.12	.8	1.2	SF3	1.3X	195	5
2004	JUL	20	0838	33.31	19	56.17	155	32.60	35.74	35	.10	.7	1.2	KEA	2.2X	152	15
2004	JUL	20	0917	39.23	19	26.17	155	23.76	10.23	24	.10	.5	1.5	KAO	1.3X	70	7
2004	JUL	20	1648	6.22	19	9.63	155	35.63	4.16	30	.14	.8	2.1	LSW	2.0X	263	14
2004	JUL	20	1701	41.66	18	55.60	155	9.58	43.43	24	.08	1.4	1.9	LOI	2.0X	258	40
2004	JUL	20	2114	56.29	19	23.26	155	17.37	2.52	23	.09	.3	.2	SSC	1.6X	49	1
2004	JUL	21	0500	41.77	19	29.08	155	30.78	22.00	29	.09	.6	1.1	DML	1.4X	60	8
2004	JUL	21	0643	24.18	19	23.06	155	15.34	3.00	19	.07	.3	.3	SEC	1.5X	103	2
2004	JUL	21	0716	12.94	19	46.31	155										

---ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS	
2004	JUL	21	2005	34.93	19	24.66	155	19.87	8.01	31	.09	.4	.7	KAO	1.4X	47	2	
2004	JUL	21	2235	6.43	19	18.22	155	47.32	9.91	28	.12	1.0	.6	KON	1.2X	253	14	
2004	JUL	21	2235	51.52	19	17.91	155	48.09	9.74	23	.11	1.1	.8	KON	1.1X	256	16	
2004	JUL	22	0028	34.73	20	25.67	155	56.65	31.10	28	.11	1.3	1.5	DIS	2.1X	317	37	
2004	JUL	22	0046	34.39	19	22.06	155	30.08	9.76	31	.08	.4	1.1	KAO	1.3X	86	12	
2004	JUL	22	0130	2.90	19	23.08	155	16.85	2.95	15	.08	.5	.3	SSC	1.4X	76	1	
2004	JUL	22	0140	47.88	19	17.57	155	13.60	11.28	30	.10	.6	.7	SF2	1.4X	109	1	
2004	JUL	22	0333	6.56	19	27.10	156	2.68	34.25	33	.09	.9	1.3	KON	1.8X	288	30	
2004	JUL	22	0334	5.09	19	24.28	155	15.87	3.06	16	.08	.5	.3	SEC	1.2X	117	1	
2004	JUL	22	0450	59.59	19	24.37	155	36.44	41.57	29	.13	.9	1.2	DML	L	2.0X	83	2
2004	JUL	22	0904	33.44	19	31.82	155	44.40	7.22	18	.12	.8	1.3	KON	1.2X	102	3	
2004	JUL	22	1936	3.21	19	21.57	155	22.51	30.61	19	.09	.9	1.5	DEP	1.2X	75	3	
2004	JUL	22	2034	15.85	19	24.75	155	38.09	3.25	18	.13	.5	.6	MLO	2.0X	99	1	
2004	JUL	23	0003	29.84	19	26.39	155	23.40	10.92	28	.11	.4	.9	KAO	1.6X	76	6	
2004	JUL	23	0223	6.76	19	14.93	155	31.79	7.27	12	.09	1.4	.7	LSW	1.3X	226	3	
2004	JUL	23	0240	44.36	19	15.47	155	21.00	29.27	18	.11	1.5	2.1	DEP	1.5X	191	6	
2004	JUL	23	0257	59.32	19	10.01	155	51.46	40.29	39	.08	.7	.9	KON	2.4X	238	10	
2004	JUL	23	0456	17.84	19	22.85	155	14.54	3.42	15	.09	.5	.4	SEC	1.5X	139	3	
2004	JUL	23	0532	20.95	19	27.12	155	36.10	42.31	22	.11	.8	1.5	DML	L	2.0X	77	0
2004	JUL	23	0830	36.26	19	16.21	155	12.28	8.14	19	.11	1.3	.9	SF3	1.5X	251	3	
2004	JUL	23	1538	5.66	19	19.29	155	11.94	5.03	23	.10	.6	1.9	SF3	1.4X	168	5	
2004	JUL	23	1611	49.43	19	28.74	155	24.82	3.29	20	.11	.5	.7	KAO	1.5X	117	3	
2004	JUL	23	1642	45.63	19	55.84	155	32.70	41.88	50	.09	.6	1.0	KEA	2.1X	150	14	
2004	JUL	23	1835	20.46	19	29.98	155	32.70	47.01	21	.11	1.4	1.0	DML	L	1.9X	115	5
2004	JUL	23	2125	4.11	19	20.34	155	6.09	8.47	37	.09	.6	.5	SF4	1.5X	190	6	
2004	JUL	24	0511	30.44	19	57.43	155	36.25	13.59	30	.11	.7	.6	KOH	1.6X	149	12	
2004	JUL	24	0805	20.86	19	56.47	155	24.20	9.68	30	.14	.9	.4	KEA	1.5X	231	8	
2004	JUL	24	0933	22.62	19	27.05	155	34.84	42.33	25	.10	.9	1.1	DML	L	2.0X	63	2
2004	JUL	24	1523	58.69	19	58.80	155	24.50	11.16	28	.12	.7	.3	KEA	1.5X	194	12	
2004	JUL	24	1751	40.58	19	58.47	155	24.65	12.22	30	.09	.7	.4	KEA	1.5X	192	12	
2004	JUL	24	2210	59.86	19	12.68	155	28.87	37.21	31	.08	1.0	1.3	DLS	1.7X	237	5	
2004	JUL	24	2231	19.25	20	9.44	155	48.31	24.75	24	.12	1.1	1.1	KOH	1.6X	297	4	
2004	JUL	25	0102	6.39	19	19.62	155	30.48	9.76	43	.09	.3	.7	KAO	2.2X	76	8	
2004	JUL	25	0534	47.77	19	22.67	155	30.48	11.31	27	.08	.4	1.6	KAO	1.3X	86	13	
2004	JUL	25	0556	48.00	19	27.93	155	35.91	45.21	30	.10	.8	1.0	DML	L	2.2X	74	1
2004	JUL	25	0830	14.07	19	27.00	155	35.21	44.53	25	.10	.9	1.1	DML	L	1.9X	63	2
2004	JUL	25	1054	36.76	19	26.37	155	35.67	42.22	21	.09	.9	1.2	DML	L	1.6X	71	2
2004	JUL	25	1120	5.35	19	19.65	155	11.71	6.88	39	.10	.4	.7	SF3	1.5X	148	6	
2004	JUL	25	1336	53.73	19	29.82	155	35.37	46.68	20	.13	2.0	1.2	DML	L	2.1X	127	1
2004	JUL	25	1421	1.08	19	17.35	155	29.42	10.48	30	.07	.4	.9	LSW	1.9X	96	4	
2004	JUL	25	1427	31.93	19	26.89	155	36.56	45.54	18	.12	1.4	1.2	DML	L	1.7X	95	1
2004	JUL	25	1449	18.24	19	25.10	155	38.56	3.39	13	.07	.7	.5	MLO	1.5X	189	2	
2004	JUL	25	1452	13.46	19	25.16	155	38.41	3.39	12	.05	.8	.6	MLO	1.5X	186	2	
2004	JUL	25	1507	50.33	19	28.78	155	24.99	5.82	39	.13	.4	1.1	KAO	2.0X	64	4	
2004	JUL	25	1558	54.70	19	27.54	155	35.57	45.68	24	.10	1.0	1.2	DML	L	2.3X	60	1

---ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS	
2004	JUL	25	1655	7.36	19	26.15	155	36.05	44.73	28	.09	1.1	.8	DML	L	2.2X	77	2
2004	JUL	25	1831	36.89	19	27.78	155	33.72	35.75	25	.12	.9	1.1	DML	L	2.1X	81	2
2004	JUL	25	2010	31.91	19	26.48	155	35.50	46.40	15	.10	1.8	1.5	DML	L	1.1X	103	2
2004	JUL	25	2147	31.12	19	27.98	155	37.07	48.62	32	.09	.7	1.0	DML	L	2.6X	84	2
2004	JUL	25	2322	22.93	19	57.72	155	24.42	11.90	37	.11	.9	.3	KEA	2.0X	238	10	
2004	JUL	25	2350	6.13	19	23.77	155	15.60	3.37	17	.09	.4	.3	SEC	1.3X	107	2	
2004	JUL	26	0035	31.34	19	17.98	155	28.40	9.48	27	.10	.4	1.1	LSW	1.4X	117	6	
2004	JUL	26	0531	15.39	19	19.83	155	6.55	8.48	41	.10	.6	.5	SF4	2.1X	193	7	
2004	JUL	26	0812	8.81	19	9.72	155	21.69	45.54	24	.08	1.1	1.8	LOI	1.7X	222	11	
2004	JUL	26	1013	16.01	19	30.39	155	15.72	24.96	42	.09	.5	.7	DEP	1.8X	109	5	
2004	JUL	26	1700	46.14	19	24.99	155	16.65	8.05	27	.09	.6	.4	INT	L	1.6X	109	1
2004	JUL	26	1759	30.48	19	3.99	156	11.26	32.64	43	.09	1.0	2.2	KON	2.8X	280	45	
2004	JUL	26	1959	39.55	19	55.93	155	25.18	9.13	25	.10	.7	.4	KEA	1.4X	227	9	
2004	JUL	26	2330	42.99	19	26.15	155	35.69	43.97	21	.09	1.0	1.3	DML	L	2.3X	68	2
2004	JUL	27	0043	56.74	19	27.94	155	36.61	41.79	13	.11	2.2	1.4	DML	L	1.3X	97	1
2004	JUL	27	0305	12.97	19	21.30	155	52.01	8.27	33	.18	1.1	.6	KON	2.0X	227	20	
2004	JUL	27	0417	49.89	19	22.83	155	14.82	3.27	18	.05	.4	.4	SEC	1.5X	135	2	
2004	JUL	27	0817	32.68	19	23.74	155	15.23	3.06	20	.07	.3	.3	SEC	1.5X	111	2	
2004	JUL	27	0819	53.49	19	23.68	155	15.37	3.29	20	.09	.3	.4	SEC	1.6X	108	2	
2004	JUL	27	0830	39.28	19	23.58	155	15.22	3.30	20	.10	.3	.3	SEC	1.6X	110	2	
2004	JUL	27	0831	41.44	19	23.55	155	15.49	3.06	20	.08	.3	.3	SEC	1.6X	105	2	
2004	JUL	27	0836	38.92	19	23.59	155	14.91	3.13	20	.08	.3	.3	SEC	1.6X	113	3	
2004	JUL	27	0922	9.22	19	21.81	155	11.24	2.35	20	.12	.5	.4	SER	1.5X	130	3	
2004	JUL	27	0936	12.04	19	21.34	155	10.60	1.20	21	.08	.3	.4	SER	1.3X	142	3	
2004	JUL	27	0940	16.11	19	21.71	155	13.05	2.81	18	.10	.3	.4	SER	1.5X	113	2	
2004	JUL	27	0944	31.85	19	21.59	155	10.95	2.22	17	.09	.4	.5	SER	1.3X	141	3	
2004	JUL	27	1012	4.24	19	22.09	155	10.93	2.73	21	.07	.5	.3	SER	1.6X	136	2	
2004	JUL	27	1032	7.98	19	21.15	155	10.52	1.68	19	.10	.4	.5	SER	1.3X	153	3	
2004	JUL	27	1351	44.26	19	23.04	155	14.40	3.10	19	.10	.4	.4	SEC	1.4X	111	2	
2004	JUL	27	1403	26.64	19	57.43	155	23.26	7.62	31	.15	.7	.6	KEA	1.7X	236	21	
2004	JUL	27	1424	28.80	19	23.30	155	14.48	3.42	24	.11	.3	.4	SEC	2.3X	107	3	
2004	JUL	27	1453	26.01	19	23.63	155	38.53	50.01	28	.10	.8	.9	DML	L	2.1X	102	2
2004	JUL	27	1528	19.76	19	30.82	155	15.59	24.32	44	.11	.5	.9	DEP	2.3X	60	6	
2004	JUL	27	1727	47.51	19	23.55	155	14.86	3.44	36	.11	.2	.4	SEC	F	2.4X	55	3
2004	JUL	27	1821	43.72	20	7.62	155	48.14	32.70	25	.07							

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	JUL	29	0032	37.07	19	31.48	155	37.60	50.92	21	.11	1.7	1.2	DML L	2.0X	108	5
2004	JUL	29	0129	17.18	19	24.46	155	17.05	1.75	16	.08	.4	.2	SSC	1.1X	98	1
2004	JUL	29	0208	12.17	19	31.60	155	42.17	8.22	33	.13	.5	.9	MLO	1.7X	86	7
2004	JUL	29	0233	45.49	19	30.47	155	20.95	12.70	38	.10	.3	.5	MLO	1.8X	57	4
2004	JUL	29	1244	24.32	19	23.44	155	14.54	4.13	17	.10	.5	.6	SEC	1.4X	155	3
2004	JUL	29	1401	8.44	19	27.40	155	36.61	41.07	21	.11	1.1	1.4	DML L	1.8X	87	1
2004	JUL	29	1455	6.41	19	20.84	155	4.24	8.14	30	.11	.7	.8	SF5	1.6X	195	6
2004	JUL	29	1825	50.86	19	22.65	155	17.18	3.02	22	.08	.3	.3	SSC	1.8X	65	1
2004	JUL	29	1828	40.25	19	22.87	155	14.68	3.31	30	.11	.3	.3	SEC	2.3X	69	2
2004	JUL	29	2057	28.89	19	28.70	155	26.95	9.38	20	.11	.4	1.4	KAO	1.5X	83	6
2004	JUL	29	2058	52.58	19	28.41	155	27.17	8.66	17	.12	.4	1.2	KAO	1.5X	86	7
2004	JUL	29	2256	55.22	19	29.08	155	36.51	45.76	18	.09	1.0	1.3	DML L	1.4X	76	1
2004	JUL	30	0051	50.98	19	17.90	155	28.09	7.90	21	.14	.5	1.2	LSW	1.0X	122	6
2004	JUL	30	0144	9.55	19	27.05	155	35.62	46.71	18	.08	1.0	1.5	DML L	1.8X	71	1
2004	JUL	30	0229	50.30	19	24.76	155	17.99	4.34	19	.09	.5	.6	SNC	1.4X	72	1
2004	JUL	30	0328	53.58	19	27.42	155	36.92	44.26	15	.10	1.6	1.3	DML L	1.9X	93	1
2004	JUL	30	0348	31.45	19	26.25	155	38.30	43.79	15	.13	1.3	1.8	DML L	1.7X	102	4
2004	JUL	30	0451	47.20	19	23.12	155	14.78	3.38	19	.06	.4	.3	SEC	1.6X	109	2
2004	JUL	30	0530	52.15	19	27.28	155	34.31	33.91	22	.13	1.0	1.5	DML L	2.1X	65	2
2004	JUL	30	1000	4.28	19	24.80	155	18.04	4.23	16	.07	.5	.5	SNC	1.2X	74	1
2004	JUL	30	1410	37.49	19	2.50	155	22.96	33.13	19	.06	1.2	1.8	LOI	1.4X	227	16
2004	JUL	30	2031	45.67	19	57.53	155	33.49	8.63	16	.09	.5	.7	KEA	1.5X	158	15
2004	JUL	30	2125	28.83	19	27.17	155	35.34	44.01	27	.12	.9	1.3	DML L	2.6X	61	2
2004	JUL	30	2320	12.18	19	27.16	155	37.55	43.60	20	.10	1.0	1.5	DML L	1.8X	91	2
2004	JUL	31	0747	25.15	19	25.74	154	58.16	4.47	21	.10	1.0	.7	SLE	1.7X	165	1
2004	JUL	31	0802	28.88	19	22.71	155	14.44	3.54	18	.08	.4	.3	SEC	1.7X	111	2
2004	JUL	31	0854	2.19	19	25.17	155	39.41	35.54	17	.11	1.2	1.6	DML L	2.1X	122	3
2004	JUL	31	1418	55.51	19	23.14	155	13.99	4.05	18	.08	.5	.6	SEC	1.8X	116	2
2004	JUL	31	1921	54.74	19	27.84	155	50.66	7.58	16	.14	1.1	1.4	KON	1.3X	238	10
2004	JUL	31	2335	4.83	19	18.38	155	22.68	35.13	36	.11	.6	1.1	DEP	2.0X	123	4
2004	JUL	31	2340	7.35	19	22.96	155	36.40	48.27	18	.11	1.2	1.8	DML L	2.1X	104	4
2004	AUG	1	0048	48.77	19	22.43	155	15.24	3.89	13	.09	.6	.5	SEC	1.3X	131	1
2004	AUG	1	0048	55.49	19	23.02	155	14.71	3.91	16	.07	.4	.4	SEC	2.0X	142	2
2004	AUG	1	0316	50.29	19	29.11	155	27.04	8.29	22	.10	.4	.9	KAO	1.3X	81	5
2004	AUG	1	0327	1.33	19	34.13	156	4.03	20.22	25	.14	1.4	4.0	KON	2.4X	265	27
2004	AUG	1	0350	55.79	19	20.11	155	7.33	9.37	44	.11	.6	.4	SF4	2.4X	178	6
2004	AUG	1	0747	39.40	19	21.40	155	4.20	7.53	27	.13	.9	.7	SF5	1.8X	190	5
2004	AUG	1	0858	39.43	19	25.73	155	34.76	35.17	19	.14	1.0	1.7	DML L	2.3X	88	4
2004	AUG	1	1634	23.76	19	20.95	155	18.31	3.11	18	.09	.3	.6	SWR	1.4X	76	2
2004	AUG	2	0415	49.67	19	18.74	155	13.65	5.05	18	.11	.7	1.7	SF2	1.4X	123	3
2004	AUG	2	0428	32.25	19	20.08	155	7.91	6.60	28	.12	.7	.7	SF4	1.8X	181	6
2004	AUG	2	0639	29.55	19	24.77	155	37.16	44.32	17	.09	1.1	1.7	DML L	2.5X	75	1
2004	AUG	2	1011	15.87	19	24.89	155	17.90	4.48	20	.09	.4	.5	SNC	1.5X	72	1
2004	AUG	2	1153	56.02	19	26.79	155	31.00	14.97	28	.10	.5	.9	DML	1.7X	63	7
2004	AUG	2	1427	16.36	19	24.74	155	20.07	6.73	20	.08	.5	.9	KAO	1.5X	105	2

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	AUG	2	1436	21.08	19	11.78	155	17.09	47.16	19	.05	1.6	1.3	DEP	2.1X	257	12
2004	AUG	2	1911	17.27	19	20.58	155	9.79	7.28	24	.08	.7	.9	SF3	1.8X	159	4
2004	AUG	2	2100	8.14	20	23.81	156	36.21	5.96	16	.11	7.8	9.7	DIS	2.4X	329	91
2004	AUG	3	0011	52.06	19	47.44	155	32.09	20.85	21	.09	.6	1.5	KEA	1.8X	95	8
2004	AUG	3	0700	14.40	20	18.69	155	45.85	33.20	38	.12	1.3	1.7	KOH	3.0X	304	20
2004	AUG	3	0739	22.88	19	27.00	155	22.85	11.45	20	.12	.5	1.2	KAO	1.5X	115	5
2004	AUG	3	0817	37.51	19	39.28	155	37.87	13.03	26	.12	.4	.3	KEA	1.7X	122	16
2004	AUG	3	0853	42.03	19	30.46	155	39.97	35.96	23	.13	.8	1.3	DML L	2.6X	126	7
2004	AUG	3	1305	6.56	19	13.57	155	26.72	34.74	17	.07	1.1	1.3	DLS	1.6X	222	7
2004	AUG	3	1453	44.33	19	28.56	155	35.94	39.11	18	.07	.9	1.3	DML L	2.4X	76	1
2004	AUG	3	1753	12.49	19	19.97	155	51.32	9.80	14	.08	2.0	.7	KON	1.7X	282	20
2004	AUG	3	2157	16.63	19	13.51	155	25.09	36.12	42	.11	.7	1.1	DLS	2.5X	153	9
2004	AUG	3	2213	43.86	19	28.43	155	26.94	8.45	39	.14	.4	.9	KAO	2.1X	56	7
2004	AUG	3	2256	29.77	19	26.09	155	34.70	26.04	15	.09	1.0	2.3	DML L	2.3X	70	4
2004	AUG	4	0027	40.29	19	28.87	155	26.64	8.52	26	.14	4.1	1.1	KAO	1.4X	60	6
2004	AUG	4	0837	29.20	19	3.34	156	12.46	30.62	29	.08	1.5	3.2	KON	2.8X	290	48
2004	AUG	4	0856	30.70	19	17.69	155	22.50	32.64	20	.09	1.0	1.9	DEP	1.6X	157	5
2004	AUG	4	0953	7.29	19	15.04	155	32.19	8.22	40	.12	.4	.9	LSW F	2.8X	118	4
2004	AUG	4	1102	16.76	19	27.56	155	36.92	47.23	24	.10	1.0	1.3	DML L	2.4X	94	1
2004	AUG	4	1353	52.05	19	22.02	155	2.45	8.19	40	.12	.7	.5	SF5	1.8X	194	5
2004	AUG	4	1709	2.57	18	53.47	155	31.58	36.86	50	.08	.8	1.1	DLS F	3.4X	259	18
2004	AUG	4	1903	0.64	19	19.52	155	8.02	8.25	40	.09	.4	.5	SF4	2.2X	188	7
2004	AUG	4	2037	15.45	18	54.52	155	12.42	41.85	41	.08	.8	1.5	LOI	2.3X	254	42
2004	AUG	4	2219	17.58	19	26.90	155	32.84	53.13	23	.11	1.6	1.0	DML L	2.3X	69	4
2004	AUG	5	0416	7.97	19	26.72	155	33.54	31.54	22	.10	.8	1.3	DML L	2.1X	66	4
2004	AUG	5	1016	34.64	19	25.15	155	37.58	43.84	22	.11	1.1	1.2	DML L	2.3X	92	1
2004	AUG	5	1117	40.31	19	33.42	155	55.78	13.16	17	.11	1.4	.7	KON	1.5X	265	17
2004	AUG	5	1118	13.72	19	19.72	155	6.52	6.47	33	.12	.7	1.2	SF4	1.8X	195	7
2004	AUG	5	1213	21.00	19	42.46	155	48.27	21.60	22	.12	.9	2.3	HUA	1.8X	194	22
2004	AUG	5	1652	26.58	19	29.86	155	33.42	15.31	26	.13	.5	.6	DML L	2.1X	118	4
2004	AUG	5	2032	46.68	19	25.91	155	36.99	43.33	18	.10	1.1	1.7	DML L	1.9X	86	3
2004	AUG	6	0214	59.89	19	27.17	155	35.76	33.16	22	.11	.9	1.5	DML L	2.3X	65	1
2004	AUG	6	0847	11.24	19	26.79	155	35.57	41.45	24	.09	1.1	1.0	DML L	2.3X	71	2
2004	AUG	6	1028	21.13	19	15.31	155	55.19	47.40	47	.08	.8	1.1	KON	2.6X	232	29
2004	AUG	6	1209	50.80	19	24.35	155	36.25	1.34	14	.09	.4	.5	MLO	1.7X	124	3
2004	AUG	6	1250	50.26													

---ORIGIN TIME (HST)--- -LAT N--- --LON W--- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GA	DS	
2004	AUG	7	1054	39.56	19	27.09	155	37.13	47.82	22	.16	1.7	1.3	DML	L	2.4X	93	1
2004	AUG	7	1148	47.38	19	22.27	155	29.91	10.43	32	.07	.3	.8	KAO		1.4X	83	4
2004	AUG	7	2345	50.87	19	14.79	155	25.65	16.33	21	.13	.6	.9	DLS		2.2X	123	8
2004	AUG	8	1324	35.45	19	21.78	155	17.48	3.34	29	.10	.3	.4	SWR		1.8X	60	3
2004	AUG	8	1448	52.87	19	26.72	155	36.16	32.68	21	.12	1.1	1.6	DML	L	2.2X	78	1
2004	AUG	8	1545	32.92	19	23.94	155	15.85	3.22	19	.08	.3	.3	SEC		1.7X	105	1
2004	AUG	8	2130	50.13	19	11.58	155	32.52	9.94	22	.13	.5	1.5	LSW		2.0X	114	8
2004	AUG	9	0429	34.55	19	22.10	155	51.17	12.06	20	.09	1.3	.6	KON		1.8X	281	18
2004	AUG	9	0814	50.06	19	13.35	155	24.46	35.04	46	.09	.6	.9	DEP		2.5X	157	10
2004	AUG	9	1158	1.37	19	34.47	155	38.40	47.67	23	.14	1.6	1.3	DML	L	2.5X	159	10
2004	AUG	10	0107	52.99	19	29.66	155	34.19	37.17	21	.10	1.3	1.1	DML	L	2.0X	120	3
2004	AUG	10	0619	52.23	19	29.80	155	34.94	40.62	15	.12	1.3	1.7	DML	L	1.7X	125	2
2004	AUG	10	0708	4.01	19	24.99	155	19.83	7.40	26	.09	.4	.8	KAO		1.3X	81	2
2004	AUG	10	0734	0.11	19	31.31	155	35.31	42.99	16	.10	1.8	1.2	DML	L	2.3X	143	4
2004	AUG	10	1724	37.62	19	25.51	155	38.62	36.20	21	.11	1.1	1.6	DML	L	2.2X	108	3
2004	AUG	10	2330	9.21	19	29.80	155	35.19	39.97	20	.11	1.1	1.8	DML	L	1.7X	75	2
2004	AUG	11	0044	14.63	19	26.01	155	41.59	46.74	25	.16	1.4	1.6	DML	L	1.9X	157	7
2004	AUG	11	0442	46.06	19	25.56	155	36.42	42.39	21	.10	1.0	1.5	DML	L	2.1X	72	3
2004	AUG	11	0514	26.81	19	27.65	154	52.42	0.71	37	.14	.7	.3	SLE	F	2.1X	274	5
2004	AUG	11	0603	34.86	19	29.54	155	33.97	41.04	21	.11	1.0	1.4	DML	L	2.2X	118	3
2004	AUG	11	0933	3.30	19	30.90	155	36.70	41.42	14	.08	1.4	1.2	DML	L	2.1X	85	3
2004	AUG	11	1007	34.24	19	28.83	155	35.26	50.87	20	.12	1.6	1.2	DML	L	2.2X	93	1
2004	AUG	11	1050	2.09	19	26.34	155	37.43	53.49	16	.08	1.7	1.1	DML	L	2.1X	91	3
2004	AUG	11	1226	28.28	19	29.31	155	42.16	35.94	17	.11	1.0	1.6	DML	L	2.4X	130	7
2004	AUG	11	1235	25.03	19	27.08	155	39.11	49.70	19	.12	1.6	1.2	DML	L	2.0X	110	6
2004	AUG	11	1237	10.56	19	14.39	155	7.02	45.20	24	.09	1.8	.8	DEP		2.0X	275	12
2004	AUG	11	1349	50.62	19	27.84	155	38.94	53.23	21	.12	1.8	1.1	DML	L	2.3X	114	5
2004	AUG	11	1522	40.97	19	19.35	155	9.02	6.19	30	.09	.5	1.0	SF4		1.5X	199	7
2004	AUG	11	1643	48.90	19	29.50	155	34.40	51.19	21	.09	1.2	1.2	DML	L	2.4X	120	3
2004	AUG	11	1647	6.13	19	32.24	155	43.20	12.01	15	.13	1.0	1.2	KON		1.5X	195	6
2004	AUG	11	1830	54.82	19	27.03	155	39.70	25.91	15	.12	1.1	1.9	DML	L	1.7X	117	6
2004	AUG	11	1859	5.54	19	19.12	155	3.70	0.04	31	.13	.8	.3	SSF	#	2.3X	215	10
2004	AUG	11	1953	13.59	19	27.30	155	34.23	49.72	19	.11	1.2	1.8	DML	L	2.2X	67	4
2004	AUG	11	2137	12.43	19	27.45	155	38.42	33.70	19	.16	1.2	1.9	DML	L	1.8X	110	5
2004	AUG	11	2311	43.11	19	24.96	155	34.54	20.49	17	.15	.9	1.8	DML	L	2.0X	80	5
2004	AUG	12	0037	0.62	19	27.50	155	33.72	48.45	18	.20	2.0	2.2	DML	L	2.2X	76	3
2004	AUG	12	0220	42.98	19	24.49	155	33.77	45.55	18	.13	1.2	1.8	DML	L	2.1X	84	7
2004	AUG	12	0326	34.08	19	28.33	155	34.33	45.65	21	.12	1.2	1.4	DML	L	2.2X	89	1
2004	AUG	12	0544	50.49	19	23.04	155	14.81	3.09	16	.09	.4	.4	SEC		1.3X	141	2
2004	AUG	12	0613	48.95	19	29.69	155	36.37	53.81	16	.09	1.3	1.5	DML	L	1.9X	130	1
2004	AUG	12	0702	57.29	19	28.07	155	35.17	45.20	21	.10	1.0	1.5	DML	L	2.3X	66	0
2004	AUG	12	0827	45.88	19	28.94	155	36.82	45.67	24	.13	1.5	1.0	DML	L	2.5X	90	2
2004	AUG	12	1347	26.54	19	24.80	155	34.65	43.73	20	.18	1.2	1.8	DML	L	2.3X	106	5
2004	AUG	12	1426	33.02	19	22.30	155	13.80	3.43	17	.07	.4	.3	SER		1.5X	112	1
2004	AUG	12	1718	50.56	19	26.89	155	36.29	42.75	23	.11	1.1	1.4	DML	L	2.5X	82	1

---ORIGIN TIME (HST)--- -LAT N--- --LON W--- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GA	DS	
2004	AUG	12	1917	33.76	19	27.84	155	33.22	41.13	22	.10	1.1	1.4	DML	L	2.1X	85	3
2004	AUG	12	2137	19.28	19	29.26	155	35.05	48.32	23	.13	1.1	1.3	DML	L	2.4X	104	2
2004	AUG	12	2301	14.46	19	25.63	155	18.74	7.70	25	.09	.5	.7	INT		1.5X	84	2
2004	AUG	12	2338	3.06	19	28.83	155	33.11	35.06	15	.08	1.0	1.6	DML	L	1.5X	106	4
2004	AUG	13	0321	51.52	19	26.15	155	35.82	37.16	21	.14	1.1	1.8	DML	L	2.4X	68	2
2004	AUG	13	0326	54.92	19	28.12	155	33.59	41.73	17	.12	1.4	1.6	DML	L	1.9X	89	2
2004	AUG	13	0359	59.66	19	27.32	155	36.17	42.56	18	.10	1.1	1.5	DML	L	1.8X	75	0
2004	AUG	13	0416	2.13	19	18.46	155	13.53	6.76	35	.11	.4	.7	SF2		1.4X	113	3
2004	AUG	13	0452	17.48	19	29.50	155	36.56	49.44	17	.09	1.7	1.2	DML	L	2.2X	128	1
2004	AUG	13	0614	46.93	19	33.12	155	34.83	40.61	15	.16	2.0	1.6	DML	L	1.9X	162	7
2004	AUG	13	0822	34.74	19	31.12	155	34.79	24.84	20	.12	.9	1.4	DML	L	2.0X	138	4
2004	AUG	13	0930	51.04	19	30.43	155	27.57	3.86	17	.10	.4	.9	MLO		1.5X	101	3
2004	AUG	13	1129	35.69	19	24.14	155	15.93	3.32	23	.07	.3	.3	SEC		1.8X	99	1
2004	AUG	13	1516	18.11	19	21.18	155	6.48	8.34	32	.10	.6	.6	SF4		1.7X	177	4
2004	AUG	13	1650	49.43	19	27.10	155	34.82	46.64	22	.13	1.1	1.4	DML	L	2.5X	63	2
2004	AUG	13	1859	54.40	19	28.97	155	37.44	47.13	15	.10	1.5	1.8	DML	L	1.8X	125	3
2004	AUG	13	2134	8.12	19	25.05	155	36.81	43.85	17	.13	1.4	1.9	DML	L	2.2X	74	2
2004	AUG	13	2141	40.79	19	19.91	155	8.50	7.84	31	.12	.7	.6	SF4		1.8X	179	6
2004	AUG	14	0012	35.40	19	25.36	155	36.68	43.52	15	.13	1.3	1.7	DML	L	1.9X	74	3
2004	AUG	14	0146	34.91	19	29.30	155	28.33	8.95	21	.08	.4	1.4	KAO		1.4X	84	5
2004	AUG	14	0245	16.88	19	27.48	155	37.13	45.74	25	.15	1.2	1.4	DML	L	2.7X	100	2
2004	AUG	14	0333	9.76	19	26.29	155	38.32	59.00	17	.11	1.9	1.4	DML	L	1.9X	102	4
2004	AUG	14	0347	18.21	19	32.85	155	54.42	9.33	16	.13	1.3	.8	KON		1.4X	267	15
2004	AUG	14	0552	9.14	19	27.29	155	36.06	48.54	18	.08	1.1	1.5	DML	L	1.7X	72	0
2004	AUG	14	0600	18.31	19	29.67	155	28.48	7.85	17	.09	.5	1.7	KAO		1.2X	88	5
2004	AUG	14	0600	51.84	19	29.50	155	28.48	7.25	19	.08	.4	1.6	KAO		1.5X	86	5
2004	AUG	14	0946	7.68	19	51.70	155	33.51	30.59	45	.10	.6	1.2	KEA	F	2.9X	173	11
2004	AUG	14	1027	56.09	19	28.83	155	41.35	56.68	26	.09	1.7	.9	DML	L	2.9X	125	9
2004	AUG	14	1231	19.32	19	29.45	155	28.36	7.15	18	.09	.4	1.8	KAO		1.1X	85	5
2004	AUG	14	1501	51.55	19	28.56	155	39.03	32.80	14	.10	1.8	1.4	DML	L	1.9X	222	5
2004	AUG	14	1629	39.65	19	26.22	155	38.00	47.66	25	.09	1.3	1.0	DML	L	2.5X	99	3
2004	AUG	14	1822	59.08	19	32.41	155	56.25	28.69	28	.11	1.0	1.1	KON		1.9X	284	18
2004	AUG	14	1828	29.61	19	33.14	155	58.77	32.08	17	.12	1.7	1.7	KON		1.5X	281	21
20																		

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	AUG	15	0843	38.57	19	26.27	155	36.43	37.39	19	.14	1.1	1.7	DML L#	2.4X	80	2	
2004	AUG	15	1105	10.39	19	30.15	155	36.66	44.00	17	.13	1.9	1.4	DML L	2.1X	136	2	
2004	AUG	15	1318	31.48	19	32.20	155	37.92	41.76	18	.13	1.6	1.3	DML L	2.1X	165	6	
2004	AUG	15	1519	56.10	19	27.17	155	35.25	43.51	24	.13	1.2	1.4	DML L	2.3X	61	2	
2004	AUG	15	1808	15.15	19	16.89	155	27.09	6.47	21	.11	1.5	1.4	LSW	1.4X	149	6	
2004	AUG	15	1810	39.81	19	30.99	155	37.32	53.19	27	.09	1.4	1.0	DML L	2.5X	148	4	
2004	AUG	15	1830	25.91	19	18.78	155	7.73	6.95	31	.11	.6	1.1	SF4	1.5X	200	8	
2004	AUG	15	2220	27.35	19	29.28	155	35.34	51.42	26	.14	1.4	1.1	DML L	2.7X	104	1	
2004	AUG	15	2307	45.10	19	39.18	155	28.51	16.18	21	.13	.6	.8	KEA	1.6X	124	5	
2004	AUG	16	0219	55.80	19	29.94	155	36.76	55.37	26	.11	1.4	1.0	DML L	2.4X	112	2	
2004	AUG	16	0305	42.23	19	27.01	155	36.54	44.55	18	.13	1.2	1.6	DML L	2.0X	81	1	
2004	AUG	16	0439	27.56	19	13.14	155	28.68	8.45	39	.14	.5	.8	LSW	1.9X	144	4	
2004	AUG	16	0521	52.63	19	27.06	155	34.36	38.08	22	.10	1.0	1.5	DML L	2.0X	63	2	
2004	AUG	16	0703	30.43	19	28.52	155	32.66	43.57	24	.13	1.1	1.4	DML L	2.4X	90	4	
2004	AUG	16	0838	28.01	19	26.96	155	36.72	41.82	20	.08	1.1	1.7	DML L	2.0X	83	1	
2004	AUG	16	1025	18.25	19	26.88	155	35.66	49.70	16	.12	1.3	1.4	DML L	2.3X	115	1	
2004	AUG	16	1321	48.65	19	31.35	155	36.81	25.35	25	.13	.8	1.5	DML L	2.4X	107	4	
2004	AUG	16	1339	21.44	19	24.59	155	37.36	38.64	19	.16	1.5	2.0	DML L	2.3X	88	8	
2004	AUG	16	1621	42.48	19	31.18	155	35.74	36.78	20	.13	1.2	1.4	DML L	2.0X	143	4	
2004	AUG	16	1808	44.94	19	19.69	155	21.10	29.49	21	.10	1.0	1.4	DEP	1.3X	116	4	
2004	AUG	16	1826	13.01	19	28.46	155	35.87	42.89	21	.13	1.2	1.7	DML L	2.3X	73	2	
2004	AUG	16	1927	55.28	19	20.60	155	12.92	8.45	39	.10	.3	.3	SF2	1.7X	118	4	
2004	AUG	16	1945	23.47	19	28.09	155	35.59	24.27	22	.15	.8	1.4	DML L	1.9X	65	1	
2004	AUG	16	2102	19.30	19	26.29	155	34.89	37.72	15	.07	.9	2.6	DML L	2.0X	68	6	
2004	AUG	16	2108	11.50	19	25.70	155	35.18	39.98	24	.13	1.1	2.0	DML L	2.3X	73	3	
2004	AUG	16	2143	43.89	19	27.07	155	39.60	40.76	24	.11	1.0	1.3	DML L	2.4X	116	6	
2004	AUG	16	2217	3.51	18	55.74	155	15.59	6.64	22	.15	1.5	.9	LOI	1.6X	273	39	
2004	AUG	16	2320	24.32	19	27.90	155	36.71	44.89	22	.12	1.2	1.4	DML L	2.3X	96	1	
2004	AUG	16	2352	19.25	19	28.78	155	26.93	10.54	37	.12	.4	.8	KAO	1.9X	60	6	
2004	AUG	17	0018	34.40	19	27.62	155	36.16	38.02	21	.16	1.4	1.9	DML L	2.0X	77	1	
2004	AUG	17	0200	47.92	19	26.25	155	34.89	43.10	19	.09	1.2	1.6	DML L	1.9X	69	3	
2004	AUG	17	0231	57.20	19	25.52	155	35.67	42.89	19	.10	1.0	1.8	DML L	2.0X	73	3	
2004	AUG	17	0235	40.18	19	26.71	155	36.09	45.47	19	.08	1.2	1.5	DML L	2.1X	97	1	
2004	AUG	17	0252	11.42	19	26.74	155	37.16	47.91	23	.11	1.1	1.5	DML L	2.5X	88	2	
2004	AUG	17	0428	53.05	19	28.36	155	36.02	58.48	18	.11	1.6	1.6	DML L	2.3X	153	2	
2004	AUG	17	0459	35.16	19	26.23	155	36.01	26.92	18	.13	1.0	2.0	DML L	1.9X	122	2	
2004	AUG	17	0642	51.22	19	28.24	155	36.33	55.90	20	.12	1.5	1.1	DML L	2.6X	92	2	
2004	AUG	17	0855	18.67	19	30.55	155	34.04	51.77	15	.12	1.7	1.7	DML L	1.8X	162	4	
2004	AUG	17	0914	8.30	19	25.57	155	35.98	46.36	16	.08	1.3	1.8	DML L	2.0X	109	3	
2004	AUG	17	1005	12.87	19	27.65	155	36.49	49.98	22	.10	1.3	1.5	DML L	2.3X	87	1	
2004	AUG	17	1206	16.81	19	31.84	155	34.98	40.39	14	.11	1.9	2.3	DML L	2.1X	148	5	
2004	AUG	17	1208	44.74	19	28.74	155	36.57	47.85	25	.12	1.2	1.1	DML L	2.7X	77	1	
2004	AUG	17	1411	38.02	19	19.05	155	11.57	4.37	29	.11	.6	2.5	SSF	1.6X	181	5	
2004	AUG	17	1642	32.00	19	29.42	155	40.21	46.34	23	.10	1.1	1.4	DML L	2.4X	115	7	
2004	AUG	17	1925	45.07	19	29.78	155	26.44	11.15	30	.11	1.5	1.1	KAO	1.3X	110	5	

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	AUG	17	1953	56.02	19	27.88	155	36.66	48.55	16	.07	1.5	1.5	DML L	2.0X	96	1	
2004	AUG	17	2020	28.11	19	24.91	155	35.97	44.55	19	.16	1.3	1.8	DML L	2.0X	78	3	
2004	AUG	17	2251	19.67	19	26.43	155	39.49	50.77	21	.13	1.4	1.5	DML L	2.3X	119	5	
2004	AUG	17	2338	8.86	19	30.03	155	38.10	49.99	19	.11	1.0	1.2	DML L	1.8X	115	4	
2004	AUG	17	2354	2.77	19	29.85	155	37.04	48.35	14	.13	2.2	1.6	DML L	1.7X	134	2	
2004	AUG	18	0047	13.83	19	24.93	155	37.09	46.19	17	.12	1.5	1.5	DML L	2.0X	84	2	
2004	AUG	18	0047	37.90	19	27.69	155	35.33	45.12	20	.10	1.0	1.5	DML L	1.9X	57	1	
2004	AUG	18	0113	12.58	19	23.25	155	30.57	14.94	24	.08	.5	.9	DML	1.5X	83	12	
2004	AUG	18	0354	5.82	19	19.88	155	8.23	8.65	35	.10	.6	.6	SF4	1.7X	182	6	
2004	AUG	18	0409	11.24	19	23.73	155	34.77	48.08	16	.18	1.9	2.0	DML L	1.9X	139	5	
2004	AUG	18	0605	20.82	19	20.09	155	8.43	8.45	33	.10	.6	.6	SF4	2.0X	177	6	
2004	AUG	18	0609	30.70	19	28.93	155	38.19	44.36	15	.13	2.1	1.6	DML L	1.8X	89	4	
2004	AUG	18	0836	33.36	19	30.55	155	32.75	55.18	13	.11	2.5	1.7	DML L	2.0X	119	6	
2004	AUG	18	0928	22.24	19	32.80	155	33.40	49.25	17	.13	2.4	1.5	DML L	2.3X	149	8	
2004	AUG	18	1023	4.49	19	16.88	155	12.69	8.12	18	.07	.9	.9	SF2	1.7X	245	1	
2004	AUG	18	1210	40.18	19	20.39	155	7.62	6.86	27	.10	.6	.6	SF4	1.7X	179	5	
2004	AUG	18	1233	53.01	20	3.84	155	51.05	28.02	36	.11	1.6	1.8	KOH	2.8X	228	10	
2004	AUG	18	1449	26.07	19	27.88	155	36.34	49.71	22	.10	1.1	1.1	DML L	2.3X	86	1	
2004	AUG	18	1533	23.09	19	22.38	155	3.64	7.76	41	.10	.6	.5	SF5	2.2X	182	4	
2004	AUG	18	1708	8.29	19	25.33	155	37.55	47.96	24	.19	1.5	1.7	DML L	2.4X	92	2	
2004	AUG	18	1736	41.49	19	41.58	156	14.38	9.97	15	.15	4.8	6.7	HUA	1.7X	283	54	
2004	AUG	18	1820	42.91	19	27.15	155	34.84	38.71	22	.17	1.2	1.8	DML L	2.3X	62	2	
2004	AUG	18	1910	20.77	19	26.92	155	30.34	13.60	16	.08	.5	1.9	DML	1.6X	72	9	
2004	AUG	18	2039	10.43	19	29.74	155	27.57	8.13	33	.11	.4	1.2	KAO	1.7X	75	4	
2004	AUG	18	2100	41.83	19	20.14	155	7.00	7.37	36	.11	.6	.7	SF4	1.6X	187	6	
2004	AUG	18	2220	49.91	19	28.01	155	32.64	28.17	16	.13	.9	1.4	DML L	1.9X	89	4	
2004	AUG	18	2323	55.79	19	26.94	155	35.83	46.01	16	.12	1.3	1.9	DML L	1.9X	75	1	
2004	AUG	18	2330	57.32	19	13.80	155	25.12	33.36	19	.10	1.3	2.0	DLS	1.5X	213	9	
2004	AUG	19	0013	23.01	19	26.71	155	36.38	45.33	23	.10	1.0	1.4	DML L	2.3X	80	1	
2004	AUG	19	0108	55.31	19	27.68	155	35.53	41.15	19	.12	1.1	1.5	DML L	1.9X	59	1	
2004	AUG	19	0109	45.55	19	28.58	155	37.89	46.23	18	.07	1.1	1.3	DML L	2.1X	89	4	
2004	AUG	19	0151	5.36	19	28.93	155	22.38	12.84	17	.08	.6	1.2	KAO	1.4X	142	2	
2004	AUG	19	0220	38.57	19	25.27	154	59.61	3.83	20	.07	.7	.6	SLE	1.5X	139	2	
2004	AUG	19	0321	10.58	19	25.68	155	35.46	42.99	22	.10	1.0	1.3	DML L	2.1X	72		

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN							
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	AUG	20	0255	55.29	19	26.14	155	36.84	41.86	14	.14	1.5	2.0	DML	L	2.2X	93	2
2004	AUG	20	0719	36.65	19	25.89	155	34.00	51.15	18	.16	1.7	1.8	DML	L	2.3X	114	5
2004	AUG	20	1654	9.80	19	19.76	155	8.31	6.96	29	.08	.6	.8	SF4		1.6X	200	6
2004	AUG	20	1720	7.24	19	24.34	155	18.39	3.86	30	.08	.3	.3	SSC		1.7X	65	2
2004	AUG	20	1906	11.60	19	16.37	155	12.11	8.98	27	.11	.6	.9	SF3		1.5X	250	3
2004	AUG	20	1929	47.77	19	26.21	155	33.70	47.64	21	.11	1.5	1.2	DML	L	2.3X	69	4
2004	AUG	20	1944	21.42	19	29.74	155	34.70	49.68	16	.10	1.4	1.6	DML	L	1.8X	123	2
2004	AUG	20	2054	21.10	19	10.58	155	40.48	7.67	22	.10	.5	1.7	LSW		1.8X	103	10
2004	AUG	20	2118	12.51	18	45.38	155	24.48	28.48	26	.09	1.4	3.1	LOI		2.1X	282	37
2004	AUG	21	0303	8.39	19	30.93	155	37.72	36.97	26	.13	1.0	1.1	DML	L	2.4X	88	4
2004	AUG	21	0325	39.88	19	59.66	155	20.86	7.23	24	.13	1.0	.8	KEA		1.7X	248	26
2004	AUG	21	0709	25.16	19	24.64	155	36.93	2.18	15	.13	.4	.5	MLO		1.1X	107	2
2004	AUG	21	1048	23.29	19	24.75	155	19.20	5.81	40	.11	.3	.6	KAO		2.4X	40	2
2004	AUG	21	1250	58.37	19	45.38	155	47.78	15.11	32	.10	.7	.9	HUA		2.0X	151	9
2004	AUG	21	1340	57.82	19	6.05	156	9.63	10.37	20	.12	4.5	5.8	KON		1.9X	298	53
2004	AUG	21	1555	11.76	19	28.68	155	37.72	45.88	31	.15	1.0	1.2	DML	L	2.7X	122	3
2004	AUG	21	1706	28.60	19	25.45	155	24.01	11.35	40	.10	.4	.7	KAO		2.1X	45	8
2004	AUG	21	2137	15.86	19	19.66	155	7.14	6.44	30	.13	.7	1.1	SF4		1.4X	192	7
2004	AUG	21	2336	3.28	19	21.11	156	17.81	4.41	25	.12	1.3	1.2	KON		2.0X	288	59
2004	AUG	22	0010	48.51	19	23.68	155	2.90	3.28	32	.11	.7	.5	SME		1.8X	168	2
2004	AUG	22	0136	35.80	19	27.29	155	35.67	43.12	24	.09	1.0	1.3	DML	L	2.4X	59	1
2004	AUG	22	0339	44.93	19	23.39	155	14.72	3.56	25	.09	.3	.4	SEC		1.9X	105	3
2004	AUG	22	0340	18.90	19	23.70	155	14.76	1.32	17	.08	.2	.5	SEC		1.2X	126	3
2004	AUG	22	0652	22.88	19	26.89	155	32.55	50.94	14	.11	1.9	1.3	DML	L	2.1X	106	5
2004	AUG	22	1057	42.87	19	27.24	155	36.97	33.29	23	.12	.9	1.5	DML	L	2.3X	85	1
2004	AUG	22	1702	56.48	19	29.29	155	41.54	47.83	18	.12	1.6	1.5	DML	L	2.0X	131	8
2004	AUG	22	2116	46.47	19	30.36	155	36.71	53.68	20	.12	1.9	1.4	DML	L	2.5X	138	2
2004	AUG	23	0346	31.64	19	28.05	155	38.07	48.03	21	.11	1.4	1.7	DML	L	2.4X	209	3
2004	AUG	23	0505	16.31	19	18.91	155	9.66	8.71	36	.11	.6	.7	SF3		1.7X	184	7
2004	AUG	23	0835	28.65	19	33.28	155	38.23	53.11	20	.10	2.0	1.3	DML	L	2.3X	180	8
2004	AUG	23	1207	38.78	19	17.18	155	28.70	7.69	37	.10	.3	.8	LSW		1.9X	122	5
2004	AUG	23	1727	15.56	19	29.71	155	35.01	60.80	25	.14	2.0	1.3	DML	L	2.9X	125	2
2004	AUG	23	2059	8.30	19	27.38	155	36.67	53.30	16	.08	2.0	1.5	DML	L	2.1X	92	1
2004	AUG	23	2256	52.65	19	28.10	155	54.75	9.20	17	.15	1.8	.8	KON		1.4X	312	16
2004	AUG	23	2333	45.29	19	18.63	155	14.78	5.07	26	.10	.4	1.7	SF1		1.0X	118	4
2004	AUG	24	0115	22.68	19	19.83	155	9.32	8.56	39	.08	.5	.6	SF3		1.9X	173	6
2004	AUG	24	0320	49.76	19	28.66	155	38.21	50.24	24	.12	1.3	1.6	DML	L	2.4X	91	4
2004	AUG	24	0607	5.11	19	19.60	155	6.45	7.50	32	.11	.7	.9	SF4		1.4X	196	7
2004	AUG	24	0810	44.61	19	27.30	155	26.21	6.85	18	.11	.5	2.2	KAO		1.2X	98	7
2004	AUG	24	1421	9.98	19	31.46	155	9.67	21.72	16	.11	2.1	2.5	DEF		2.1X	284	14
2004	AUG	24	1743	24.75	19	24.59	155	18.16	3.71	20	.06	.4	.3	SNR		1.4X	71	2
2004	AUG	24	2149	18.60	19	22.01	155	18.11	2.08	19	.07	.3	.5	SWR		1.3X	68	3
2004	AUG	25	0002	19.45	18	51.79	155	5.56	44.26	26	.12	1.4	2.4	LOI		2.0X	268	53
2004	AUG	25	0022	59.11	19	24.99	155	36.44	51.98	24	.11	1.6	1.2	DML	L	2.8X	76	3
2004	AUG	25	0117	23.07	18	57.51	155	13.64	40.68	22	.09	1.6	1.7	LOI		1.9X	274	36

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN							
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	AUG	25	0635	16.66	19	21.19	155	6.84	9.27	37	.09	.6	.5	SF4		1.9X	175	4
2004	AUG	25	1205	57.91	19	20.30	155	7.67	8.64	35	.09	.5	.6	SF4		1.6X	180	6
2004	AUG	25	2143	52.63	19	30.04	155	26.06	3.20	18	.12	.4	.8	MLO		1.4X	119	5
2004	AUG	25	2153	54.83	19	47.03	155	24.46	29.46	22	.10	.7	1.4	KEA		1.6X	101	5
2004	AUG	26	0019	50.11	19	19.37	155	8.32	7.66	33	.11	.6	.7	SF4		1.4X	188	7
2004	AUG	26	0154	36.19	19	52.81	155	8.27	43.64	44	.12	.9	1.3	KEA		2.6X	236	22
2004	AUG	26	0722	21.68	19	19.87	155	11.11	8.18	34	.06	.5	.6	SF3		1.4X	154	6
2004	AUG	26	1107	16.43	19	27.97	155	36.25	45.60	26	.14	1.3	1.2	DML	L	2.5X	85	1
2004	AUG	26	2054	45.22	19	27.66	155	12.97	10.68	43	.09	.3	.5	GLN		2.0X	54	7
2004	AUG	26	2104	12.86	19	23.27	155	17.01	2.99	19	.08	.3	.2	SSC		1.3X	68	0
2004	AUG	26	2219	34.10	19	14.18	155	2.55	46.89	36	.07	1.3	.8	DEF		1.8X	246	19
2004	AUG	26	2357	53.25	19	19.13	155	8.89	8.58	32	.11	.6	.7	SF4		1.8X	187	7
2004	AUG	27	0256	26.57	19	19.93	155	7.43	8.69	17	.06	.7	1.4	SF4		1.6X	187	6
2004	AUG	27	0308	13.52	19	26.85	154	53.87	2.69	21	.14	1.3	.5	SLE		1.7X	268	3
2004	AUG	27	1232	59.13	19	20.05	155	12.97	29.17	44	.09	.6	.6	DEF		2.2X	120	5
2004	AUG	27	1241	50.44	19	28.33	155	36.72	39.47	23	.14	1.0	1.4	DML	L	2.4X	111	2
2004	AUG	27	1542	56.02	19	13.99	156	16.99	8.28	20	.11	8.711	1.7	KON	-	1.8X	325	62
2004	AUG	27	1959	0.92	19	26.66	155	36.95	44.96	27	.13	1.1	1.5	DML	L	2.4X	85	2
2004	AUG	27	2040	19.69	19	13.26	156	17.81	28.93	17	.07	1.7	5.8	KON		2.0X	316	64
2004	AUG	27	2313	39.39	19	27.12	155	35.83	55.33	23	.08	1.3	1.0	DML	L	2.7X	72	1
2004	AUG	28	0103	35.23	19	29.13	155	38.09	54.68	23	.16	1.5	1.2	DML	L	2.4X	87	4
2004	AUG	28	0229	46.23	19	28.21	155	37.80	59.53	19	.12	1.9	1.6	DML	L	2.4X	104	3
2004	AUG	28	0427	1.99	19	25.81	155	33.62	49.46	17	.14	1.3	1.5	DML	L	2.0X	73	5
2004	AUG	28	0536	6.26	19	26.51	155	32.36	27.73	22	.10	.7	1.4	DML	L	2.2X	68	6
2004	AUG	28	0715	6.14	19	31.12	155	36.55	45.65	26	.12	1.0	1.0	DML	L	2.2X	127	4
2004	AUG	28	0722	41.49	19	20.02	155	8.85	8.72	42	.08	.4	.4	SF4		2.1X	174	6
2004	AUG	28	0829	45.12	19	13.71	156	16.99	7.26	37	.12	3.7	5.1	KON		2.9X	275	63
2004	AUG	28	0917	36.05	19	28.21	155	33.45	41.69	23	.14	1.2	1.4	DML	L	2.3X	91	3
2004	AUG	28	1005	54.72	18	56.20	155	23.87	36.61	32	.09	1.1	1.5	LOI		2.0X	252	26
2004	AUG	28	1104	2.96	19	28.23	155	38.29	58.26	28	.12	1.7	1.1	DML	L	2.5X	119	4
2004	AUG	28	1148	25.74	19	22.55	155	1.10	0.99	22	.12	.6	.4	SSF		1.8X	197	6
2004	AUG	28	1221	9.46	19	27.59	155	35.65	49.13	25	.09	1.2	.9	DML	L	2.4X	62	1
2004	AUG	28	1223	48.28	19	9.69	155	42.85	3.89	24	.15							

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	AUG	28	2019	11.76	19	27.73	155	40.14	53.65	22	.15	1.8	1.5	DML L	2.2X	119	7
2004	AUG	28	2040	58.97	19	29.36	155	24.97	11.84	20	.08	.6	1.0	KAO	1.3X	71	3
2004	AUG	28	2049	24.73	19	33.61	155	35.36	50.62	21	.09	1.7	1.2	DML L	2.3X	171	8
2004	AUG	28	2126	27.70	19	29.96	155	34.43	50.46	22	.12	1.1	1.5	DML L	2.4X	124	3
2004	AUG	28	2151	52.17	19	30.54	155	36.78	46.67	19	.12	1.5	1.1	DML L	2.2X	140	3
2004	AUG	28	2237	35.16	19	28.98	155	35.03	50.52	18	.19	2.1	1.9	DML L	1.9X	108	2
2004	AUG	28	2250	45.24	19	19.22	155	11.62	8.67	23	.06	.5	.9	SF3	1.4X	158	5
2004	AUG	28	2317	1.85	19	29.78	155	37.71	50.23	23	.09	1.0	1.2	DML L	2.2X	81	3
2004	AUG	29	0019	19.89	19	26.96	155	35.15	49.33	21	.14	1.5	1.5	DML L	1.9X	62	2
2004	AUG	29	0044	20.81	19	28.12	155	34.74	43.14	26	.12	1.0	1.4	DML L	2.2X	72	0
2004	AUG	29	0201	6.56	19	25.91	155	37.91	35.31	18	.19	1.5	2.5	DML L	1.9X	97	3
2004	AUG	29	0205	6.16	19	27.80	155	35.72	45.72	28	.12	1.1	1.4	DML L	2.2X	60	1
2004	AUG	29	0305	33.31	19	26.28	155	38.89	40.40	20	.13	1.3	1.8	DML L	1.9X	110	4
2004	AUG	29	0314	15.47	19	41.83	156	30.87	6.13	41	.14	4.7	6.0	DIS	2.6X	287	71
2004	AUG	29	0403	38.80	19	31.17	155	33.24	51.73	17	.08	2.0	1.2	DML L	2.0X	129	6
2004	AUG	29	0407	24.74	19	29.17	155	38.02	45.25	16	.10	1.5	1.4	DML L	1.8X	128	4
2004	AUG	29	0418	11.21	19	30.14	155	38.68	42.06	24	.12	1.1	1.2	DML L	2.3X	85	5
2004	AUG	29	0418	47.43	19	13.89	155	25.08	33.74	44	.11	.8	1.1	DLS	2.3X	150	9
2004	AUG	29	0437	17.88	19	29.82	155	38.00	45.98	19	.20	1.7	2.0	DML L	2.0X	83	4
2004	AUG	29	0536	5.66	19	28.92	155	32.45	44.25	17	.09	1.2	1.5	DML L	2.0X	105	5
2004	AUG	29	0629	55.37	19	27.38	155	35.11	46.41	24	.10	1.0	1.3	DML L	2.7X	61	1
2004	AUG	29	0656	15.67	19	27.67	155	35.21	34.45	21	.18	1.2	1.8	DML L	2.0X	59	1
2004	AUG	29	0704	12.43	19	23.37	155	2.83	6.96	35	.10	.6	.5	SF5	1.4X	173	3
2004	AUG	29	0801	35.70	19	26.39	155	36.73	67.47	22	.12	2.3	1.1	DML L	2.5X	89	2
2004	AUG	29	0845	12.43	19	28.60	155	32.83	46.63	18	.12	1.3	1.1	DML L	2.0X	101	4
2004	AUG	29	0908	54.06	19	30.39	155	35.86	53.12	21	.11	1.7	1.3	DML L	1.9X	135	2
2004	AUG	29	1016	5.15	19	25.24	155	36.21	49.19	16	.17	2.5	2.0	DML L	1.9X	112	3
2004	AUG	29	1037	0.44	19	29.69	155	36.34	40.68	26	.10	.9	1.1	DML L	2.3X	129	1
2004	AUG	29	1250	6.34	19	27.97	155	34.93	47.65	25	.10	.9	1.2	DML L	2.3X	58	0
2004	AUG	29	1410	48.71	19	29.64	155	36.21	49.76	22	.10	1.7	1.3	DML L	2.3X	129	1
2004	AUG	29	1457	27.72	19	27.29	155	20.78	7.90	41	.11	.4	.8	KAO F	2.8X	50	6
2004	AUG	29	1554	34.00	19	27.50	155	20.80	2.96	31	.11	.4	.9	KAO	2.0X	85	6
2004	AUG	29	1557	7.85	19	27.36	155	20.93	7.15	38	.10	.4	.8	KAO	2.5X	50	6
2004	AUG	29	1639	47.61	19	30.41	155	33.31	45.46	26	.16	1.3	1.6	DML L	2.4X	122	5
2004	AUG	29	1818	25.98	19	25.71	155	38.46	45.23	14	.14	1.7	1.8	DML L	2.2X	105	5
2004	AUG	29	1924	54.30	19	27.39	155	21.09	2.51	22	.09	.4	.7	KAO	1.0X	124	6
2004	AUG	29	1938	38.21	19	29.03	155	35.58	49.13	21	.14	1.5	1.3	DML L	2.4X	96	1
2004	AUG	29	1944	32.98	19	27.22	155	36.70	47.19	20	.11	1.0	1.2	DML L	1.5X	87	1
2004	AUG	29	2108	29.72	19	26.58	155	35.79	49.02	26	.08	.9	1.1	DML L	2.6X	72	2
2004	AUG	29	2217	44.05	19	27.98	155	34.33	37.02	24	.11	.9	1.4	DML L	2.2X	68	1
2004	AUG	29	2350	55.43	19	26.60	155	35.01	43.32	20	.15	1.3	1.9	DML L	2.1X	65	3
2004	AUG	30	0012	39.31	19	22.82	155	17.29	2.30	20	.08	.3	.2	SSC	1.3X	60	1
2004	AUG	30	0205	54.35	19	20.34	155	5.52	7.86	39	.09	.6	.5	SF4	1.7X	194	7
2004	AUG	30	0240	58.14	19	24.64	155	30.04	12.92	24	.07	.4	1.2	KAO	1.3X	71	11
2004	AUG	30	0312	32.30	20	44.06	156	14.26	6.57	19	.11	9.111.7	DIS	-	2.5X	335132	

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	AUG	30	0321	30.82	19	26.25	155	37.85	39.44	17	.12	1.2	1.8	DML L	1.8X	96	3
2004	AUG	30	0354	28.11	19	26.53	155	35.19	43.15	19	.12	1.3	2.4	DML L	2.1X	76	2
2004	AUG	30	0529	14.36	19	30.96	155	38.20	45.50	16	.13	1.6	1.8	DML L	2.1X	201	5
2004	AUG	30	0648	47.83	19	31.65	155	33.92	63.22	23	.15	1.9	1.2	DML L	2.7X	102	6
2004	AUG	30	0703	11.47	19	19.77	155	6.97	7.69	39	.11	.6	.8	SF4	1.8X	192	7
2004	AUG	30	0730	23.52	19	29.40	155	36.32	43.73	16	.11	1.3	1.9	DML L	2.1X	126	1
2004	AUG	30	0752	29.99	19	25.42	155	33.41	41.37	16	.11	1.1	1.9	DML L	2.0X	75	6
2004	AUG	30	0830	16.27	19	27.66	155	39.91	40.92	17	.10	1.1	1.5	DML L	2.1X	116	6
2004	AUG	30	0840	20.45	19	27.30	155	20.55	3.05	17	.06	.4	.9	KAO	1.1X	124	6
2004	AUG	30	0859	52.66	19	19.58	155	12.40	7.37	38	.12	.5	.7	SF2	1.6X	136	5
2004	AUG	30	0902	51.91	19	27.41	155	20.90	1.83	23	.13	.5	.7	KAO	1.3X	125	6
2004	AUG	30	0958	41.61	19	20.42	155	11.98	8.25	27	.11	.5	.6	SF3	1.7X	138	5
2004	AUG	30	1203	12.21	19	19.64	155	6.40	8.09	34	.10	.6	.6	SF4	1.9X	196	7
2004	AUG	30	1244	8.29	19	26.82	155	34.90	44.63	17	.10	1.1	2.4	DML L	2.6X	65	2
2004	AUG	30	1354	28.67	19	19.15	155	8.27	6.74	22	.09	.9	1.2	SF4	1.5X	210	7
2004	AUG	30	1424	0.47	19	25.92	155	34.53	44.64	19	.15	1.4	1.8	DML L	2.2X	72	4
2004	AUG	30	1455	10.52	19	0.61	155	26.20	34.99	28	.06	.8	1.5	DLS	2.3X	216	17
2004	AUG	30	1841	9.61	19	23.01	155	14.91	3.55	18	.09	.5	.5	SEC	1.4X	133	2
2004	AUG	30	1853	29.99	19	19.69	155	6.73	6.78	21	.10	.9	1.0	SF4	.9X	194	7
2004	AUG	30	1935	52.13	19	27.98	155	34.68	45.72	27	.13	1.1	1.3	DML L	2.5X	57	1
2004	AUG	30	2022	40.25	19	29.99	155	36.18	33.07	17	.15	1.2	2.0	DML L	1.5X	132	1
2004	AUG	30	2050	17.05	19	30.57	155	35.27	49.27	18	.16	1.7	1.8	DML L	2.1X	135	3
2004	AUG	30	2119	14.31	19	27.66	155	20.79	6.44	25	.10	.5	1.2	KAO	1.5X	130	6
2004	AUG	30	2154	10.30	19	28.59	155	35.03	41.66	23	.12	1.1	1.5	DML L	2.0X	58	1
2004	AUG	30	2244	30.12	19	26.17	155	33.66	41.01	16	.09	1.2	1.8	DML L	1.9X	69	4
2004	AUG	30	2252	17.98	19	24.93	155	15.40	13.13	26	.12	.7	.6	DEP	1.3X	136	3
2004	AUG	31	0017	50.02	19	28.83	155	34.04	51.05	20	.08	1.5	1.3	DML L	2.0X	107	2
2004	AUG	31	0057	45.70	19	27.71	155	34.20	39.36	18	.06	.9	1.5	DML L	2.1X	65	2
2004	AUG	31	0110	25.71	19	28.07	155	36.73	47.07	16	.11	1.3	1.6	DML L	2.2X	81	2
2004	AUG	31	0136	22.99	19	29.91	155	33.91	44.42	28	.15	1.1	1.4	DML L	2.6X	73	4
2004	AUG	31	0209	39.27	19	27.37	155	34.66	39.15	25	.10	.9	1.4	DML L	2.4X	61	2
2004	AUG	31	0314	51.77	19	29.76	155	35.29	60.13	22	.09	1.6	1.4	DML L	2.5X	149	1
2004	AUG	31	0445	14.16	19	11.61	155	13.87	51.70	30	.12	1.2	.8	DEP	2.5X	247	10
2004	AUG	31	0515	47.34	19	27.06	155	33.84	55.24	21	.11	1.1	1.3	DML L	2.4X	64	3
2004	AUG	31															

YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
---	ORIGIN	TIME	(HST)	--	-LAT	N--	--	-LON	W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	AUG	31	1446	10.00	19	31.48	155	35.96	48.27	17	.08	1.3	1.1	DML L	2.0X	148	4	
2004	AUG	31	1640	16.45	19	27.72	155	36.28	49.00	22	.12	1.1	1.4	DML L	2.4X	82	1	
2004	AUG	31	1728	5.92	19	29.11	155	37.46	42.94	14	.08	1.6	1.3	DML L	1.9X	126	3	
2004	AUG	31	1807	10.19	19	15.87	155	24.44	34.50	29	.10	1.0	1.3	DEP	1.7X	179	8	
2004	AUG	31	1919	51.53	19	18.11	155	15.66	9.00	40	.12	.4	.6	SF1	1.8X	114	4	
2004	AUG	31	2009	54.68	19	26.20	155	33.44	56.79	21	.10	1.6	1.4	DML L	2.3X	69	5	
2004	AUG	31	2020	39.55	19	29.00	155	37.15	61.48	15	.12	2.0	1.4	DML L	2.2X	125	2	
2004	AUG	31	2030	8.27	19	17.22	155	38.54	7.83	13	.09	1.5	2.4	LSW	1.9X	243	8	
2004	AUG	31	2129	59.77	19	32.70	155	35.75	34.99	21	.09	1.1	1.4	DML L	2.3X	162	6	
2004	AUG	31	2238	37.70	19	17.87	155	13.11	8.45	41	.09	.4	.5	SF2	1.8X	141	2	
2004	AUG	31	2327	23.83	19	20.12	155	55.50	10.61	14	.15	1.7	.9	KON	1.3X	300	26	
2004	AUG	31	2354	39.67	19	27.67	155	38.49	53.86	13	.08	1.7	2.3	DML L	2.2X	112	4	
2004	SEP	1	0039	7.51	19	25.53	155	37.75	50.28	22	.13	1.0	1.5	DML L	2.3X	96	2	
2004	SEP	1	0129	44.00	19	26.94	155	35.72	44.65	16	.10	1.1	2.0	DML L	1.7X	73	1	
2004	SEP	1	0242	55.25	19	28.59	155	37.90	40.39	19	.17	1.2	1.9	DML L	2.4X	108	4	
2004	SEP	1	0254	34.37	19	18.32	155	13.26	6.03	24	.10	.5	.8	SF2	1.7X	128	2	
2004	SEP	1	0328	25.45	19	25.91	155	36.53	42.29	16	.06	1.0	1.5	DML L	2.1X	80	3	
2004	SEP	1	0540	49.47	19	21.85	155	19.41	27.26	19	.06	.8	1.4	DEP	2.3X	68	3	
2004	SEP	1	0642	5.40	19	26.95	155	37.38	46.47	29	.12	.8	1.3	DML L	2.7X	90	2	
2004	SEP	1	0645	56.69	19	42.01	156	2.22	41.01	39	.11	1.0	1.3	HUA	2.5X	235	35	
2004	SEP	1	1057	26.29	19	26.78	155	35.66	44.56	19	.12	1.1	1.4	DML L	2.6X	72	1	
2004	SEP	1	1222	3.90	19	25.98	155	37.32	44.53	22	.11	1.1	1.5	DML L	2.3X	90	3	
2004	SEP	1	1441	10.27	19	28.11	155	36.33	44.36	15	.13	1.5	2.0	DML L	1.8X	89	2	
2004	SEP	1	1559	54.03	19	28.02	155	35.14	34.76	17	.13	1.1	1.9	DML L	1.9X	60	0	
2004	SEP	1	1651	50.58	19	26.74	155	35.08	33.46	17	.11	1.2	2.7	DML L	2.0X	71	2	
2004	SEP	1	1735	38.82	19	22.93	155	14.54	2.64	15	.06	.3	.3	SEC	1.6X	141	3	
2004	SEP	1	1746	26.78	19	22.59	155	14.68	2.18	14	.09	.3	.4	SEC	1.4X	130	2	
2004	SEP	1	1833	4.63	19	28.86	155	36.56	52.13	21	.11	1.5	1.1	DML L	2.3X	122	1	
2004	SEP	1	1852	58.39	19	45.96	155	21.30	12.61	26	.14	.4	.6	KEA	1.6X	96	11	
2004	SEP	1	2046	57.95	19	26.44	155	36.91	50.60	18	.08	1.2	1.7	DML L	2.1X	85	2	
2004	SEP	1	2232	37.63	19	26.63	155	33.19	60.93	17	.11	1.8	1.5	DML L	2.2X	67	4	
2004	SEP	1	2336	59.30	19	27.15	155	36.86	51.78	22	.12	1.4	1.3	DML L	2.5X	89	1	
2004	SEP	2	0113	32.68	19	27.35	155	37.50	49.16	22	.12	1.2	1.6	DML L	2.3X	182	2	
2004	SEP	2	0121	52.95	19	29.16	155	36.33	48.92	15	.12	1.6	2.1	DML L	2.1X	180	1	
2004	SEP	2	0123	50.22	19	56.57	155	33.47	16.97	25	.10	1.2	4.1	KEA	1.5X	273	21	
2004	SEP	2	0154	30.17	19	26.40	155	14.20	12.06	18	.14	1.0	.7	INT	1.6X	192	5	
2004	SEP	2	0306	37.27	19	26.06	155	38.91	43.12	23	.11	1.1	1.5	DML L	2.3X	194	5	
2004	SEP	2	0321	28.88	19	19.44	155	26.39	9.90	41	.11	.4	.7	KAO	2.1X	112	6	
2004	SEP	2	0448	29.27	19	28.73	155	34.19	49.76	22	.12	1.1	1.4	DML L	2.2X	104	2	
2004	SEP	2	0543	30.14	19	27.46	155	32.68	40.01	16	.08	1.1	1.8	DML L	2.2X	79	4	
2004	SEP	2	0546	8.08	19	29.49	155	33.72	53.78	15	.09	1.7	2.4	DML L	2.4X	127	3	
2004	SEP	2	0737	50.29	19	23.05	155	30.43	10.99	23	.08	.5	1.0	KAO	1.4X	83	5	
2004	SEP	2	0928	10.69	19	31.91	155	40.40	59.69	15	.07	2.2	1.1	DML L	2.4X	171	9	
2004	SEP	2	1114	51.73	19	27.94	155	36.31	52.16	27	.14	1.4	1.1	DML L	2.5X	86	1	
2004	SEP	2	1255	55.31	19	27.46	155	35.70	33.58	16	.09	1.0	1.6	DML L	2.1X	64	1	

YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
---	ORIGIN	TIME	(HST)	--	-LAT	N--	--	-LON	W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	SEP	2	1313	46.49	19	27.19	155	35.68	46.26	18	.08	1.2	1.3	DML L	1.9X	76	1	
2004	SEP	2	1325	9.16	19	29.19	155	40.44	52.75	17	.14	2.0	1.7	DML L	1.9X	239	8	
2004	SEP	2	1618	25.69	19	27.62	155	35.10	50.65	20	.10	1.1	1.4	DML L	2.2X	59	1	
2004	SEP	2	1719	46.51	19	30.36	155	38.11	56.91	21	.13	1.6	1.1	DML L	2.5X	143	4	
2004	SEP	2	2137	33.95	19	25.79	155	37.22	2.88	17	.14	.5	.6	MLO	1.6X	89	3	
2004	SEP	2	2144	18.34	19	28.38	155	35.83	46.63	24	.10	1.1	1.4	DML L	2.4X	73	1	
2004	SEP	3	0133	3.31	19	22.17	155	30.23	9.06	20	.09	.4	1.8	KAO	1.6X	87	13	
2004	SEP	3	0133	35.13	19	31.84	155	38.80	40.21	16	.15	1.5	1.8	DML L	1.9X	163	7	
2004	SEP	3	0347	46.53	19	27.08	155	34.67	38.37	22	.11	1.1	2.4	DML L	2.1X	63	2	
2004	SEP	3	0730	16.33	19	18.89	155	8.37	6.32	34	.10	.6	1.2	SF4	1.7X	194	8	
2004	SEP	3	0803	45.10	19	28.45	155	36.11	46.76	21	.10	1.2	1.0	DML L	2.3X	85	2	
2004	SEP	3	0919	45.45	19	28.15	155	34.74	43.25	27	.10	.9	1.3	DML L	2.2X	78	0	
2004	SEP	3	1324	2.34	19	29.30	155	32.17	48.10	20	.12	1.4	1.2	DML L	2.1X	106	5	
2004	SEP	3	1831	23.48	19	28.26	155	36.90	49.85	28	.15	1.3	1.0	DML L	2.6X	82	2	
2004	SEP	3	1856	35.30	19	30.76	155	42.58	12.81	46	.11	.4	.2	MLO F	3.0X	78	6	
2004	SEP	3	1936	54.94	19	10.96	155	41.21	0.02	22	.14	.6	.3	LSW #	1.5X	173	19	
2004	SEP	3	2013	19.05	19	31.87	155	42.66	11.95	23	.10	.8	.4	MLO	1.8X	183	6	
2004	SEP	3	2126	49.77	19	29.25	155	28.15	8.82	20	.09	.4	1.6	KAO	1.2X	82	5	
2004	SEP	3	2152	6.20	19	25.47	155	36.72	3.68	12	.06	.7	.6	MLO	1.2X	78	3	
2004	SEP	3	2157	5.03	19	20.13	155	13.22	6.99	28	.13	.6	.6	SF2	1.6X	119	5	
2004	SEP	3	2355	29.92	19	20.64	155	5.89	6.42	30	.14	.8	1.0	SF4	1.4X	188	6	
2004	SEP	4	0148	50.32	19	25.07	155	37.18	35.83	20	.12	1.1	1.7	DML L	1.8X	84	2	
2004	SEP	4	0748	54.67	19	26.04	155	36.85	43.43	17	.13	1.4	2.0	DML L	2.1X	84	2	
2004	SEP	4	0935	9.90	19	18.69	155	14.96	6.74	26	.11	.5	.8	SF1	1.7X	92	4	
2004	SEP	4	0950	14.45	19	28.54	155	32.53	29.89	12	.06	1.4	2.8	DML L	1.8X	99	4	
2004	SEP	4	1026	29.61	19	28.31	155	36.45	34.14	16	.11	.9	1.5	DML L	2.3X	99	2	
2004	SEP	4	1116	26.96	19	25.12	155	38.67	3.37	11	.06	.8	.6	MLO	1.2X	191	2	
2004	SEP	4	1830	58.60	19	26.88	155	32.98	38.22	18	.12	1.2	3.1	DML L	2.6X	70	4	
2004	SEP	4	2122	41.05	19	29.69	156	21.89	4.95	16	.11	1.5	1.9	DIS	1.9X	295	63	
2004	SEP	4	2140	25.22	19	25.35	155	36.32	2.10	13	.13	.4	.6	MLO	1.3X	72	3	
2004	SEP	4	2239	46.14	19	32.22	155	42.13	10.29	32	.12	.4	.5	MLO	2.0X	77	7	
2004	SEP	4	2314	29.67	19	28.97	155	21.15	30.82	40	.12	.7	.9	DEP	2.0X	111	4	
2004	SEP	4	2335	51.20	19	10.51	155											

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---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAZ	DS
2004	SEP	5	1850	45.76	19	27.71	155	36.00	46.92	17	.11	1.4	1.6	DML L	2.5X	75	1
2004	SEP	5	2020	54.09	19	26.45	155	34.65	46.47	15	.14	2.1	1.5	DML L	2.2X	106	3
2004	SEP	5	2040	24.87	19	27.72	155	39.19	51.77	17	.10	1.7	1.4	DML L	2.3X	112	5
2004	SEP	5	2127	38.24	19	31.93	155	36.97	54.49	22	.12	1.7	1.2	DML L	2.4X	158	5
2004	SEP	5	2310	13.49	19	27.26	155	36.10	52.82	23	.12	1.5	1.1	DML L	2.4X	73	0
2004	SEP	5	2335	33.92	19	48.04	155	34.85	14.71	16	.09	.6	.6	KEA	1.4X	119	11
2004	SEP	6	0035	16.17	19	55.13	155	34.83	24.05	44	.10	.7	1.4	KOH	2.2X	138	11
2004	SEP	6	0254	43.40	19	27.32	155	35.56	49.81	20	.12	1.1	1.5	DML L	2.3X	60	1
2004	SEP	6	0341	50.70	19	26.00	155	37.17	2.76	20	.10	.3	.4	MLO	1.4X	88	3
2004	SEP	6	0525	26.51	19	23.12	154	48.61	42.16	35	.14	1.3	1.1	LER	1.8X	289	14
2004	SEP	6	0711	34.30	19	24.37	155	30.05	12.61	47	.10	.3	.4	KAO F	3.0X	49	11
2004	SEP	6	0857	34.33	19	28.20	155	35.61	41.00	24	.12	.9	1.1	DML L	2.2X	69	1
2004	SEP	6	1106	26.22	19	27.17	155	36.35	30.98	18	.07	1.0	1.4	DML L	1.7X	87	0
2004	SEP	6	1306	29.92	19	19.85	155	4.34	3.05	24	.08	.6	1.0	SSF	1.6X	218	8
2004	SEP	6	1320	41.12	19	27.44	155	36.91	36.50	26	.12	.9	1.3	DML L	2.1X	94	1
2004	SEP	6	1439	12.33	19	48.26	155	35.13	15.47	25	.08	.5	.5	KEA	1.7X	98	10
2004	SEP	6	1612	38.65	19	28.94	155	37.09	41.59	24	.13	1.6	1.1	DML L	2.1X	124	2
2004	SEP	6	1821	43.74	19	27.60	155	35.02	51.65	15	.10	1.9	1.4	DML L	2.1X	95	1
2004	SEP	6	1838	52.21	19	28.94	155	36.65	62.33	29	.11	2.0	1.1	DML L	2.7X	123	1
2004	SEP	6	2023	41.90	19	28.30	155	36.46	40.96	20	.12	1.2	1.5	DML L	2.0X	99	2
2004	SEP	6	2126	22.87	19	26.26	155	38.69	60.16	17	.09	2.2	1.2	DML L	2.1X	108	4
2004	SEP	6	2234	23.34	19	28.24	155	36.39	43.25	17	.11	1.2	1.6	DML L	2.2X	95	2
2004	SEP	7	0021	35.43	19	29.67	155	37.46	37.86	16	.11	1.4	1.5	DML L	1.7X	132	3
2004	SEP	7	0224	8.10	19	28.70	155	36.04	45.58	21	.14	1.5	1.3	DML L	2.3X	83	1
2004	SEP	7	0414	58.66	19	28.99	155	36.90	47.34	14	.08	1.9	1.2	DML L	1.7X	124	2
2004	SEP	7	0418	23.50	19	27.28	155	35.10	46.22	15	.11	1.6	1.6	DML L	1.6X	97	2
2004	SEP	7	0600	46.03	19	27.36	155	38.34	29.81	18	.09	1.0	1.5	DML L	1.9X	109	4
2004	SEP	7	1000	26.01	19	27.83	155	34.87	39.69	17	.09	1.2	1.5	DML L	2.2X	91	1
2004	SEP	7	1022	24.76	19	26.18	155	36.16	37.17	19	.10	1.3	1.6	DML L	2.1X	102	2
2004	SEP	7	1243	29.47	19	25.08	155	38.66	3.24	32	.10	.5	.4	MLO	2.3X	191	2
2004	SEP	7	1540	3.03	19	22.70	155	14.51	3.13	17	.11	.4	.4	SEC	1.2X	131	2
2004	SEP	7	1541	44.31	19	25.18	155	39.08	2.94	32	.10	.5	.4	MLO	2.2X	197	3
2004	SEP	7	1752	15.43	19	30.38	155	38.11	42.32	20	.13	1.4	1.3	DML L	2.1X	143	4
2004	SEP	7	1930	39.23	19	29.34	155	36.27	56.94	16	.09	2.3	1.4	DML L	2.2X	126	1
2004	SEP	7	2225	6.27	19	35.93	155	36.28	49.58	19	.12	2.2	1.4	KEA L	2.2X	206	12
2004	SEP	7	2301	0.98	19	19.86	155	11.71	7.52	41	.11	.5	.5	SF3	2.0X	145	6
2004	SEP	8	0011	26.13	19	30.20	155	36.63	58.97	24	.10	1.7	1.0	DML L	2.6X	136	2
2004	SEP	8	0132	25.52	19	24.76	155	36.08	52.71	21	.11	1.2	1.5	DML L	2.2X	80	3
2004	SEP	8	0311	46.79	19	21.92	155	4.97	8.95	41	.09	.6	.4	SF5	1.8X	178	5
2004	SEP	8	0345	10.63	19	14.06	155	24.42	34.04	17	.09	1.2	1.4	DEP	1.3X	227	10
2004	SEP	8	0356	38.99	19	32.80	155	22.17	11.73	23	.10	.6	.9	MLO	1.2X	129	6
2004	SEP	8	0538	26.86	19	24.23	155	30.20	10.95	31	.09	.4	1.0	KAO	1.2X	75	11
2004	SEP	8	0559	52.61	19	46.89	155	21.82	16.49	17	.09	1.1	3.0	KEA	1.9X	135	12
2004	SEP	8	0625	6.01	19	47.32	155	21.23	20.70	17	.10	.9	1.6	KEA	1.7X	162	11
2004	SEP	8	1251	19.38	19	24.44	155	29.81	10.66	27	.07	.4	1.8	KAO	1.1X	71	11

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAZ	DS
2004	SEP	8	1302	12.98	19	2.84	155	9.89	36.64	18	.08	1.5	1.9	LOI	1.8X	305	27
2004	SEP	8	1437	38.59	19	28.13	155	35.57	40.07	23	.12	1.0	1.6	DML L	2.2X	65	1
2004	SEP	8	1455	33.75	19	27.59	155	36.33	38.07	15	.12	1.4	1.8	DML L	1.7X	169	3
2004	SEP	8	1606	39.32	19	27.03	155	36.07	45.51	23	.10	1.1	1.4	DML L	1.8X	77	1
2004	SEP	8	1609	17.28	19	26.76	155	36.08	39.05	19	.13	1.2	2.2	DML L	2.0X	77	1
2004	SEP	8	1808	30.98	19	27.48	155	36.58	32.22	22	.08	.9	1.3	DML L	2.1X	87	1
2004	SEP	8	1920	21.49	19	40.05	155	3.62	42.24	46	.12	.7	1.1	HIL F	3.4X	107	5
2004	SEP	8	2029	13.71	19	27.72	155	36.31	35.17	20	.09	.9	1.6	DML L	2.1X	83	1
2004	SEP	8	2205	34.28	19	26.73	155	36.21	35.85	17	.10	1.1	1.9	DML L	2.0X	78	1
2004	SEP	8	2316	18.38	19	27.17	155	35.85	36.14	23	.10	.9	1.4	DML L	1.8X	68	1
2004	SEP	9	0037	50.23	19	32.31	155	35.94	41.79	16	.10	1.5	1.3	DML L	1.9X	158	6
2004	SEP	9	0219	45.89	19	23.12	155	14.75	3.37	24	.09	.3	.3	SEC	1.7X	103	2
2004	SEP	9	0538	32.63	19	27.92	155	33.41	39.48	22	.13	1.1	1.6	DML L	2.1X	76	3
2004	SEP	9	0658	6.63	19	29.76	155	26.74	6.83	38	.11	.3	1.0	KAO	1.8X	64	4
2004	SEP	9	0704	31.70	19	29.84	155	26.33	6.40	17	.07	.4	1.2	KAO	1.2X	93	5
2004	SEP	9	0800	55.11	19	29.85	155	36.81	54.77	30	.11	1.2	1.0	DML L	2.6X	133	2
2004	SEP	9	1307	4.34	19	15.96	155	28.56	11.42	35	.10	.4	1.1	LSW	2.0X	89	3
2004	SEP	9	1357	34.90	19	47.19	156	5.55	8.21	19	.10	1.4	1.0	HUA	2.0X	264	46
2004	SEP	9	1455	46.85	19	22.59	155	26.64	11.35	46	.11	.3	.4	KAO	2.9X	60	7
2004	SEP	9	1835	17.26	19	29.60	155	38.04	35.87	19	.10	1.3	1.5	DML L	2.2X	217	4
2004	SEP	9	1928	20.72	19	48.74	156	6.20	7.37	19	.13	7.1	9.7	HUA	1.8X	306	64
2004	SEP	9	2029	55.93	19	28.84	154	48.97	38.51	18	.16	2.8	3.7	LER	1.9X	327	49
2004	SEP	9	2128	45.95	19	26.15	155	35.34	35.42	18	.10	1.0	1.6	DML L	2.0X	88	3
2004	SEP	10	0237	2.15	19	31.54	155	35.36	46.31	20	.12	1.4	1.2	DML L	2.2X	207	4
2004	SEP	10	0415	54.37	19	26.11	155	35.27	40.03	22	.14	1.1	1.7	DML L	2.2X	86	3
2004	SEP	10	0434	43.01	19	24.27	155	37.61	35.61	17	.15	1.4	2.0	DML L	2.0X	79	0
2004	SEP	10	0720	33.66	19	28.33	155	36.24	44.11	21	.10	1.1	1.4	DML L	2.2X	90	2
2004	SEP	10	1111	4.08	19	20.57	155	7.60	8.99	38	.07	.5	.5	SF4	2.1X	177	5
2004	SEP	10	1213	30.26	19	30.74	155	36.30	38.02	18	.10	1.0	1.5	DML L	2.1X	141	3
2004	SEP	10	1545	31.95	19	25.48	155	35.91	42.77	23	.09	.9	1.1	DML L	2.6X	72	3
2004	SEP	10	1618	38.39	19	11.07	155	27.86	10.21	26	.10	1.8	1.5	LSW	1.6X	246	8
2004	SEP	10	1934	34.49	19	25.74	155	37.67	35.49	20	.13	1.2	1.8	DML L	2.1X	176	3
2004	SEP	10	2337	3.91	19	24.34	155	17.34	1.34	27	.11	.3	.2	SSC	1.8X	72	1
2004	SEP	10	2341	22.29	19	26.02	155	33.69	53.48	12	.09	2.2	1.6	DML L	1.9X	113	5
2004	SEP	11	0301	8.18	19	20.56	155	7.75	9.72	41	.10	.4	.4	SF4	3.0X	175	5
2004	SEP	11	0316	45.71	19	18.84	155	28									

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	SEP	11	1521	13.38	19	26.49	155	36.59	45.35	26	.09	1.0	1.3	DML	L	2.3X	82	2
2004	SEP	11	1944	9.87	19	30.15	155	34.08	49.64	17	.13	1.4	1.9	DML	L	2.0X	152	4
2004	SEP	11	1944	43.30	19	30.03	155	38.13	54.59	18	.12	1.4	2.0	DML	L	2.4X	221	4
2004	SEP	11	2007	44.17	19	30.69	155	36.46	43.71	20	.13	1.2	2.1	DML	L	2.2X	210	3
2004	SEP	12	0020	43.70	19	28.41	155	36.82	42.84	20	.12	1.2	1.5	DML	L	2.1X	187	2
2004	SEP	12	0028	5.14	19	28.06	155	33.69	47.30	19	.10	1.1	1.6	DML	L	2.2X	87	2
2004	SEP	12	0129	35.40	19	27.70	155	35.80	48.90	22	.12	1.1	1.6	DML	L	2.4X	126	1
2004	SEP	12	0219	22.24	19	25.42	155	35.70	39.64	18	.15	1.3	2.2	DML	L	2.0X	101	4
2004	SEP	12	0344	40.71	19	26.57	155	37.90	48.29	23	.11	1.2	1.5	DML	L	2.3X	189	3
2004	SEP	12	0401	51.70	19	27.59	155	35.95	45.66	23	.12	1.1	1.6	DML	L	2.4X	135	1
2004	SEP	12	0418	42.66	19	29.96	155	34.81	53.69	25	.13	1.5	1.1	DML	L	2.9X	161	2
2004	SEP	12	0426	50.98	19	21.39	155	5.91	8.86	34	.09	.7	.6	SF4		1.8X	178	5
2004	SEP	12	0508	54.41	19	27.08	155	35.50	36.61	22	.12	1.1	1.9	DML	L	2.1X	65	1
2004	SEP	12	0519	19.13	19	11.44	155	48.27	17.22	25	.11	.9	1.6	KON		2.0X	245	6
2004	SEP	12	0521	26.51	19	28.77	155	37.04	49.29	21	.10	1.6	1.1	DML	L	2.3X	202	2
2004	SEP	12	0538	51.81	19	22.02	155	28.65	7.46	21	.07	.4	1.8	KAO		1.4X	79	10
2004	SEP	12	0600	25.26	19	29.06	155	35.64	47.71	16	.13	1.5	2.3	DML	L	1.8X	96	1
2004	SEP	12	0615	12.25	19	28.60	155	32.95	43.21	17	.09	1.0	1.9	DML	L	2.0X	101	4
2004	SEP	12	0634	31.54	19	24.60	155	34.20	45.71	17	.12	1.2	1.9	DML	L	2.0X	84	6
2004	SEP	12	0644	37.74	19	28.64	155	37.73	47.57	22	.13	1.4	1.5	DML	L	2.2X	122	3
2004	SEP	12	0713	26.38	19	26.64	155	37.35	45.21	27	.12	.9	1.4	DML	L	2.4X	90	2
2004	SEP	12	0817	57.36	19	28.50	155	35.34	40.79	16	.14	1.5	1.6	DML	L	1.6X	71	1
2004	SEP	12	0848	31.46	19	28.63	155	36.34	54.56	19	.10	2.1	1.3	DML	L	2.4X	104	1
2004	SEP	12	0920	52.75	19	29.90	155	37.39	48.44	18	.15	1.4	1.5	DML	L	1.9X	135	3
2004	SEP	12	0924	40.70	19	32.33	155	42.67	6.66	21	.10	.8	2.0	MLO		1.7X	192	7
2004	SEP	12	0955	9.47	19	31.70	155	37.77	44.27	26	.10	1.2	1.1	DML	L	2.4X	158	5
2004	SEP	12	1049	35.96	19	27.54	155	33.91	56.87	30	.15	1.5	1.1	DML	L	2.9X	75	2
2004	SEP	12	1317	7.61	19	19.28	155	6.66	6.73	35	.12	.6	1.1	SF4		1.5X	199	8
2004	SEP	12	1337	49.17	19	25.77	155	37.31	39.07	20	.08	1.1	1.4	DML	L	2.2X	90	3
2004	SEP	12	1428	14.59	19	28.91	155	35.13	38.77	34	.12	.9	1.1	DML	L	2.5X	94	1
2004	SEP	12	1727	48.34	19	27.89	155	35.46	48.89	19	.13	1.2	1.9	DML	L	2.4X	72	3
2004	SEP	12	1804	24.82	19	27.01	155	37.21	28.52	17	.18	1.2	2.6	DML	L	2.2X	144	5
2004	SEP	12	1811	10.69	19	27.11	155	37.08	42.80	17	.08	1.2	1.6	DML	L	1.8X	142	1
2004	SEP	12	1908	42.92	19	27.02	155	34.22	44.30	29	.12	1.0	1.3	DML	L	2.7X	64	3
2004	SEP	12	2006	24.98	19	27.01	155	39.07	41.32	19	.12	1.2	1.6	DML	L	1.9X	203	5
2004	SEP	12	2049	0.58	19	26.52	155	35.22	43.45	15	.12	1.5	1.9	DML	L	1.7X	189	5
2004	SEP	12	2135	20.25	19	28.45	155	34.09	45.82	21	.09	1.3	1.2	DML	L	2.3X	95	2
2004	SEP	12	2217	54.12	19	27.10	155	34.42	38.29	19	.05	1.0	1.6	DML	L	2.0X	63	2
2004	SEP	12	2306	2.88	19	27.36	155	33.67	42.86	19	.09	1.1	1.5	DML	L	2.1X	73	3
2004	SEP	12	2330	53.69	19	26.71	155	35.73	43.46	23	.10	1.0	1.5	DML	L	2.1X	96	1
2004	SEP	12	2332	26.54	19	30.22	155	35.83	52.06	19	.08	1.3	1.4	DML	L	2.3X	201	2
2004	SEP	13	0021	44.28	19	28.28	155	37.78	47.21	24	.15	1.2	1.4	DML	L	2.6X	189	3
2004	SEP	13	0123	18.15	19	26.49	155	31.90	57.09	18	.06	1.6	1.2	DML	L	2.0X	68	6
2004	SEP	13	0128	43.15	19	27.89	155	35.26	46.32	18	.10	1.2	1.5	DML	L	2.1X	96	1
2004	SEP	13	0224	0.14	19	30.20	155	36.74	55.58	26	.14	1.9	1.3	DML	L	2.8X	209	2

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	SEP	13	0452	0.65	19	25.41	155	35.06	40.81	24	.14	1.3	1.7	DML	L	2.2X	80	4
2004	SEP	13	0545	19.54	19	25.65	155	33.31	43.11	18	.10	1.2	1.8	DML	L	1.9X	74	5
2004	SEP	13	0557	7.83	19	28.71	155	36.68	40.73	16	.08	1.1	1.8	DML	L	1.6X	199	2
2004	SEP	13	0601	48.99	19	27.52	155	34.92	51.58	14	.07	1.7	1.6	DML	L	1.8X	96	1
2004	SEP	13	0638	40.78	19	28.16	155	35.75	49.56	14	.09	2.4	1.6	DML	L	2.0X	117	1
2004	SEP	13	0652	35.18	19	26.30	155	35.57	50.70	23	.16	1.9	1.4	DML	L	2.2X	104	2
2004	SEP	13	0659	36.92	19	27.39	155	38.88	49.04	29	.13	1.1	1.1	DML	L	2.3X	110	5
2004	SEP	13	0701	50.57	19	29.32	155	39.69	8.43	27	.12	.5	.9	MLO		1.7X	133	6
2004	SEP	13	0809	57.09	19	25.21	155	39.61	58.90	26	.12	1.5	1.2	DML	L	2.6X	125	4
2004	SEP	13	0849	39.32	19	30.14	155	37.19	56.68	22	.12	1.6	1.2	DML	L	2.4X	213	3
2004	SEP	13	0853	20.49	19	27.82	155	35.28	42.00	17	.11	1.2	1.7	DML	L	2.0X	96	1
2004	SEP	13	0920	58.23	19	25.74	155	35.25	42.31	23	.10	1.1	1.6	DML	L	1.9X	72	3
2004	SEP	13	1014	25.68	19	24.47	155	36.72	43.47	32	.13	.9	1.2	DML	L	2.8X	45	2
2004	SEP	13	1118	25.63	19	26.51	155	35.13	43.20	22	.13	1.2	1.6	DML	L	1.8X	66	2
2004	SEP	13	1204	19.99	19	26.15	155	39.34	50.61	21	.15	1.3	1.7	DML	L	2.4X	118	4
2004	SEP	13	1215	24.30	19	25.77	155	15.80	16.05	32	.12	.8	.4	DEP	L	1.8X	119	3
2004	SEP	13	1313	0.85	19	25.49	155	35.57	33.81	16	.09	.9	1.9	DML	L	2.0X	74	4
2004	SEP	13	1318	45.95	19	27.13	155	36.00	45.78	23	.11	1.0	1.3	DML	L	2.3X	77	1
2004	SEP	13	1409	32.33	19	26.96	155	34.89	44.93	20	.13	1.1	1.5	DML	L	2.1X	63	2
2004	SEP	13	1417	33.09	19	23.46	155	16.82	3.02	33	.09	.3	.2	SSC		2.2X	60	0
2004	SEP	13	1439	14.39	19	27.21	155	27.96	11.65	25	.07	.5	1.4	KAO		2.2X	97	9
2004	SEP	13	1442	18.53	19	32.08	155	41.67	8.75	25	.10	.7	1.2	MLO		1.8X	153	8
2004	SEP	13	1540	17.97	19	28.13	155	35.89	53.32	29	.14	1.3	1.0	DML	L	2.7X	74	2
2004	SEP	13	1617	54.29	19	24.66	155	16.76	10.05	26	.12	.5	.6	INT	L	1.7X	97	1
2004	SEP	13	1619	34.38	19	18.64	155	30.35	0.03	26	.12	.4	.3	LSW		1.3X	111	7
2004	SEP	13	1621	29.82	19	33.28	155	37.02	49.70	13	.13	3.1	1.8	DML	L	1.9X	174	8
2004	SEP	13	1641	1.00	19	25.50	155	17.07	13.92	24	.15	.7	.6	DEP	L	1.5X	149	1
2004	SEP	13	1722	32.49	19	25.86	155	37.28	51.48	17	.13	1.5	2.3	DML	L	1.7X	89	3
2004	SEP	13	1727	24.33	19	27.86	155	36.02	53.09	24	.12	1.3	1.3	DML	L	2.5X	76	1
2004	SEP	13	1819	17.07	19	25.87	155	35.81	44.32	15	.11	1.3	2.1	DML	L	2.1X	70	3
2004	SEP	13	1848	22.60	19	30.78	155	35.20	50.40	19	.14	1.9	1.4	DML	L	2.5X	137	3
2004	SEP	13	1854	57.44	19	24.48	155	16.89	12.03	29	.12	.5						

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	SEP	14	0242	26.81	19	26.72	155	35.36	45.30	16	.12	1.3	1.9	DML	L	2.1X	77	2
2004	SEP	14	0245	44.46	19	26.81	155	34.06	43.71	15	.09	1.3	2.3	DML	L	1.9X	65	3
2004	SEP	14	0332	25.77	19	24.51	155	35.37	42.35	15	.14	1.7	2.1	DML	L	2.7X	84	4
2004	SEP	14	0418	55.90	19	24.54	155	17.36	12.93	21	.14	.8	.9	INT	L	1.9X	72	1
2004	SEP	14	0526	53.23	19	25.18	155	37.20	44.18	18	.09	1.1	1.7	DML	L	2.5X	159	2
2004	SEP	14	0622	21.51	19	25.32	155	35.93	45.01	15	.13	1.3	1.7	DML	L	2.2X	74	4
2004	SEP	14	0624	14.11	19	25.21	155	36.28	41.75	18	.11	1.0	1.7	DML	L	2.0X	74	3
2004	SEP	14	0717	33.12	19	25.94	155	39.02	45.86	17	.11	1.1	1.4	DML	L	2.4X	113	4
2004	SEP	14	0814	29.22	19	26.08	155	35.64	46.78	23	.11	1.1	1.5	DML	L	2.6X	68	2
2004	SEP	14	1104	48.97	19	28.05	155	37.47	42.24	16	.19	1.5	2.5	DML	L	2.3X	137	3
2004	SEP	14	1213	3.89	19	30.47	155	38.63	50.27	30	.12	1.3	1.1	DML	L	2.7X	87	5
2004	SEP	14	1240	19.48	19	22.30	155	29.97	8.15	42	.09	.3	1.0	KAO		1.8X	71	12
2004	SEP	14	1308	40.09	19	29.39	155	36.94	55.82	19	.07	1.4	1.0	DML	L	2.3X	109	2
2004	SEP	14	1326	37.54	19	23.49	155	14.67	3.67	21	.09	.4	.5	SEC		1.9X	108	3
2004	SEP	14	1412	54.10	19	27.87	155	34.77	62.83	22	.10	2.2	1.1	DML	L	2.6X	71	1
2004	SEP	14	1504	10.87	19	27.18	155	36.04	44.47	17	.10	1.3	1.4	DML	L	1.9X	92	0
2004	SEP	14	1529	28.39	19	27.87	155	38.60	51.75	27	.09	1.4	.9	DML	L	2.8X	114	4
2004	SEP	14	1628	30.02	19	26.52	155	35.57	44.06	20	.09	1.1	1.8	DML	L	2.0X	68	2
2004	SEP	14	1631	17.05	19	24.75	155	39.27	40.94	18	.10	.9	1.6	DML	L	2.4X	120	3
2004	SEP	14	1706	10.14	19	26.15	155	35.65	44.74	15	.10	1.3	1.9	DML	L	1.9X	75	2
2004	SEP	14	1801	6.92	19	25.51	155	33.71	37.60	16	.10	1.5	3.3	DML	L	2.8X	75	5
2004	SEP	14	1907	17.44	19	27.80	155	35.67	48.04	16	.11	1.2	1.6	DML	L	2.3X	63	1
2004	SEP	14	2010	9.48	19	26.60	155	37.24	48.60	18	.11	1.1	1.6	DML	L	2.2X	102	2
2004	SEP	14	2046	16.84	19	25.79	155	35.92	42.54	18	.11	1.0	1.7	DML	L	2.3X	70	3
2004	SEP	14	2110	46.97	19	27.00	155	57.80	17.47	12	.10	3.112.8	KON	-	1.8X	317	33	
2004	SEP	14	2141	3.94	19	27.78	155	33.97	37.03	25	.11	.8	1.5	DML	L	2.7X	77	2
2004	SEP	14	2213	45.05	19	19.38	155	29.07	5.17	24	.10	.4	1.6	KAO		2.0X	95	8
2004	SEP	15	0031	27.90	19	26.21	155	37.85	45.57	15	.12	1.4	1.9	DML	L	2.3X	212	3
2004	SEP	15	0104	19.70	19	24.77	155	34.32	45.07	16	.12	1.5	2.1	DML	L	2.0X	125	6
2004	SEP	15	0215	15.38	19	27.12	155	31.41	32.78	13	.12	1.2	3.6	DML	L	2.3X	76	7
2004	SEP	15	0244	51.63	19	26.53	155	32.44	35.51	23	.11	.8	2.7	DML	L	2.6X	67	5
2004	SEP	15	0321	51.26	19	27.04	155	34.39	49.77	16	.09	1.2	1.4	DML	L	2.1X	96	2
2004	SEP	15	0416	25.05	19	26.50	155	35.20	47.42	15	.11	1.5	2.0	DML	L	2.1X	78	2
2004	SEP	15	0428	16.54	19	26.43	155	34.44	46.36	16	.11	1.3	2.2	DML	L	2.3X	96	3
2004	SEP	15	0516	43.49	19	27.13	155	35.48	40.00	18	.09	1.1	1.7	DML	L	1.9X	68	1
2004	SEP	15	0546	36.56	19	24.84	155	34.94	48.41	18	.15	1.4	1.6	DML	L	2.8X	81	5
2004	SEP	15	0604	25.65	19	23.10	155	14.69	3.10	13	.09	.6	.5	SEC		1.5X	144	2
2004	SEP	15	0716	0.37	19	25.76	155	34.72	47.43	16	.21	1.5	1.9	DML	L	2.4X	88	4
2004	SEP	15	0728	22.36	19	27.16	155	35.61	44.07	21	.13	1.1	1.5	DML	L	2.0X	73	2
2004	SEP	15	0743	21.35	19	26.07	155	38.04	44.35	17	.12	1.5	1.4	DML	L	2.5X	99	7
2004	SEP	15	0820	41.71	19	26.67	155	34.72	44.81	18	.08	1.0	1.5	DML	L	2.3X	73	3
2004	SEP	15	0911	29.07	19	26.36	155	34.39	43.35	20	.11	1.1	1.7	DML	L	2.4X	79	3
2004	SEP	15	1054	4.56	19	26.89	155	37.93	48.23	16	.10	1.0	1.4	DML	L	2.4X	149	6
2004	SEP	15	1106	39.28	19	25.52	155	37.23	43.06	21	.13	1.1	1.5	DML	L	2.1X	152	6
2004	SEP	15	1229	35.46	19	25.99	155	36.39	44.63	16	.10	1.2	1.7	DML	L	1.8X	146	19

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	SEP	15	1309	59.63	19	23.58	155	38.76	48.63	22	.14	1.2	1.5	DML	L	2.8X	173	2
2004	SEP	15	1507	1.06	19	26.01	155	35.01	42.34	21	.11	.9	1.7	DML	L	2.5X	55	3
2004	SEP	15	1533	9.25	19	23.17	155	16.97	3.05	17	.07	.3	.3	SSC		1.7X	68	0
2004	SEP	15	1640	34.92	19	26.20	155	34.97	41.51	19	.09	.9	1.8	DML	L	1.9X	57	3
2004	SEP	15	1718	30.39	19	25.78	155	35.82	45.11	16	.13	1.3	2.1	DML	L	1.9X	70	3
2004	SEP	15	1719	37.54	19	27.34	155	37.88	52.07	22	.17	1.4	1.7	DML	L	2.3X	99	3
2004	SEP	15	1747	49.72	19	27.74	155	37.52	49.10	19	.11	1.3	1.5	DML	L	2.0X	112	2
2004	SEP	15	1806	15.07	19	22.42	155	29.74	9.00	23	.09	.4	2.1	KAO		1.2X	82	12
2004	SEP	15	1825	28.33	19	28.86	155	34.10	44.58	20	.12	1.1	1.5	DML	L	2.3X	108	2
2004	SEP	15	1827	1.99	19	26.34	155	35.62	32.42	31	.13	.9	1.3	DML	L	2.6X	67	2
2004	SEP	15	1915	4.65	19	28.79	155	35.69	54.40	17	.08	1.3	1.1	DML	L	2.3X	71	1
2004	SEP	15	1924	8.11	19	26.58	155	37.42	41.94	16	.12	1.2	1.9	DML	L	1.5X	91	2
2004	SEP	15	1949	11.08	19	25.37	155	37.94	13.38	18	.10	.6	1.0	DML	L	1.3X	98	2
2004	SEP	15	1959	5.59	19	28.83	155	39.09	54.56	20	.13	1.7	1.1	DML	L	2.4X	125	6
2004	SEP	15	2001	57.84	19	25.56	155	31.89	41.25	15	.14	1.5	2.4	DML	L	1.5X	72	7
2004	SEP	15	2030	57.52	19	25.82	155	36.33	55.68	21	.11	1.3	1.2	DML	L	2.0X	74	3
2004	SEP	15	2034	26.96	19	25.66	155	35.88	46.91	15	.13	1.5	1.9	DML	L	2.1X	109	3
2004	SEP	15	2122	36.27	19	26.61	155	37.03	42.59	19	.08	1.0	1.4	DML	L	2.4X	171	2
2004	SEP	15	2144	11.34	19	26.51	154	51.50	9.85	40	.11	.9	.4	LER	F	2.4X	271	7
2004	SEP	15	2206	41.30	19	27.31	155	34.39	36.22	20	.10	.9	1.5	DML	L	2.7X	61	2
2004	SEP	15	2252	38.03	19	26.20	155	35.62	43.97	18	.07	1.0	1.8	DML	L	1.9X	100	2
2004	SEP	16	0011	16.31	19	25.76	155	35.17	35.89	17	.12	1.8	5.0	DML	L	2.2X	84	3
2004	SEP	16	0012	20.76	19	28.29	155	32.78	46.00	21	.12	1.3	1.6	DML	L	2.3X	94	4
2004	SEP	16	0016	41.29	19	25.30	155	35.75	41.29	18	.11	1.2	1.8	DML	L	2.0X	101	4
2004	SEP	16	0055	15.55	19	28.40	155	23.15	25.68	31	.09	.6	.9	DML		1.6X	50	3
2004	SEP	16	0121	52.97	19	25.90	155	35.93	38.78	25	.09	.9	1.3	DML	L	2.6X	117	3
2004	SEP	16	0235	41.40	19	25.90	155	37.00	44.58	20	.12	1.2	1.8	DML	L	2.2X	163	3
2004	SEP	16	0328	24.48	19	30.87	155	35.08	55.72	23	.20	2.4	1.6	DML	L	2.4X	197	3
2004	SEP	16	0355	4.72	19	26.30	155	33.72	35.32	19	.11	1.0	1.8	DML	L	2.0X	68	4
2004	SEP	16	0439	44.97	19	25.31	155	36.42	45.23	22	.11	1.1	1.6	DML	L	2.2X	129	3
2004	SEP	16	0538	34.59	19	29.23	155	36.20	53.35	22	.11	1.5	1.1	DML	L	2.8X	197	0
2004	SEP	16	0623	34.83	19	30.23	155	29.83	6.89	17</								

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	SEP	16	1712	8.22	19	26.66	155	35.93	44.92	14	.08	1.1	1.6	DML	L	2.1X	76	1
2004	SEP	16	1943	43.87	19	26.64	155	40.12	43.79	16	.10	1.3	1.9	DML	L	1.9X	127	6
2004	SEP	16	1952	53.99	19	26.43	155	35.94	46.46	18	.14	1.8	2.8	DML	L	2.2X	73	2
2004	SEP	16	2037	12.69	19	27.41	155	32.70	52.87	22	.13	1.3	1.5	DML	L	2.8X	78	4
2004	SEP	16	2039	42.99	19	13.28	155	24.53	34.62	33	.10	.7	1.1	DEP		1.8X	157	10
2004	SEP	16	2040	28.99	19	24.93	155	36.82	41.75	17	.11	1.3	2.0	DML	L	2.1X	131	2
2004	SEP	16	2156	2.27	19	27.18	155	34.01	45.04	15	.07	1.2	1.8	DML	L	2.1X	66	3
2004	SEP	16	2246	59.94	19	26.66	155	33.91	42.21	20	.11	1.0	1.5	DML	L	2.5X	85	3
2004	SEP	16	2337	43.26	19	25.79	155	35.90	41.33	13	.08	1.0	2.0	DML	L	1.9X	90	11
2004	SEP	17	0140	9.93	19	25.69	155	37.44	47.95	23	.15	1.2	1.6	DML	L	2.7X	91	3
2004	SEP	17	0343	11.44	19	26.11	155	35.02	42.83	18	.13	1.2	1.9	DML	L	2.3X	77	3
2004	SEP	17	0541	28.98	19	24.97	155	35.50	42.16	17	.11	1.0	1.5	DML	L	2.6X	87	4
2004	SEP	17	0655	2.90	19	26.78	155	35.23	43.36	15	.14	1.4	2.1	DML	L	2.1X	65	2
2004	SEP	17	0725	58.13	19	29.99	155	26.52	2.42	33	.12	.4	.8	KAO		2.7X	60	4
2004	SEP	17	0738	59.17	19	30.28	155	25.79	0.49	14	.15	.6	.9	MLO		1.5X	128	4
2004	SEP	17	0755	23.16	19	26.89	155	36.64	49.05	22	.14	1.3	1.9	DML	L	2.6X	82	1
2004	SEP	17	1054	6.07	19	23.47	155	37.15	47.80	26	.13	1.1	1.2	DML	L	2.7X	93	2
2004	SEP	17	1229	32.08	19	19.10	155	13.50	5.65	28	.12	.4	1.2	SF2		1.6X	115	4
2004	SEP	17	1305	35.07	19	28.40	155	37.20	38.76	25	.15	1.4	1.4	DML	L	2.6X	119	3
2004	SEP	17	1443	30.19	19	27.17	155	34.65	53.83	24	.13	1.4	1.4	DML	L	2.3X	62	2
2004	SEP	17	1651	13.46	19	28.01	155	34.99	46.84	21	.12	1.1	1.6	DML	L	2.2X	57	0
2004	SEP	17	1710	41.21	19	27.90	155	36.34	46.88	29	.11	1.4	1.5	DML	L	2.1X	86	1
2004	SEP	17	1743	56.15	19	30.25	155	34.31	52.98	29	.13	1.6	1.1	DML	L	2.6X	126	3
2004	SEP	17	2049	9.32	19	27.21	155	33.94	41.24	17	.09	1.2	1.8	DML	L	1.9X	69	3
2004	SEP	17	2153	3.78	19	38.28	155	15.35	11.55	25	.11	.5	.9	KEA		1.4X	126	21
2004	SEP	17	2212	10.75	19	27.39	155	41.91	59.09	18	.11	1.8	1.6	DML	L	2.7X	276	9
2004	SEP	17	2326	15.48	19	28.21	155	35.58	57.04	19	.11	1.5	1.7	DML	L	2.1X	125	1
2004	SEP	18	0054	13.45	19	28.36	155	33.89	53.25	23	.11	1.1	1.4	DML	L	2.5X	83	2
2004	SEP	18	0059	39.24	19	26.35	155	34.72	44.86	17	.11	1.2	1.9	DML	L	1.8X	68	3
2004	SEP	18	0238	17.91	19	27.18	155	33.56	53.41	16	.11	1.6	1.6	DML	L	1.7X	71	3
2004	SEP	18	0416	14.04	19	27.71	155	35.54	45.66	29	.13	1.1	1.3	DML	L	2.7X	107	1
2004	SEP	18	0428	29.88	19	28.75	155	34.06	43.45	17	.08	1.1	1.5	DML	L	2.1X	91	2
2004	SEP	18	0612	7.04	19	18.83	155	7.42	1.80	29	.10	.7	.7	SF		1.6X	208	8
2004	SEP	18	0628	26.98	19	28.54	155	37.18	50.82	21	.13	1.4	1.4	DML	L	2.4X	120	3
2004	SEP	18	0717	50.78	19	24.44	155	30.47	13.37	29	.12	.5	1.0	DML		1.5X	75	6
2004	SEP	18	0950	9.47	19	26.99	155	36.70	48.33	24	.13	1.0	1.4	DML	L	2.4X	83	1
2004	SEP	18	1056	49.45	19	23.60	155	16.64	2.93	22	.10	.4	.3	SSC		1.7X	91	1
2004	SEP	18	1256	47.84	19	24.14	155	37.11	43.28	15	.14	1.5	2.0	DML	L	2.2X	120	1
2004	SEP	18	1326	49.07	19	26.45	155	24.26	11.24	25	.10	.4	1.1	KAO		1.5X	64	6
2004	SEP	18	1615	0.42	19	26.84	155	38.36	33.75	23	.12	.9	1.3	DML	L	2.6X	101	4
2004	SEP	18	1630	15.41	19	19.04	155	13.09	6.28	21	.08	.5	1.2	SF2		1.5X	126	4
2004	SEP	18	1927	33.13	19	24.44	155	36.70	43.41	21	.11	1.2	1.7	DML	L	2.3X	81	2
2004	SEP	18	2348	19.73	19	27.51	155	36.98	42.61	17	.06	1.0	1.6	DML	L	2.5X	182	4
2004	SEP	19	0006	31.41	19	21.59	155	3.89	7.05	16	.12	1.1	1.0	SF5		1.5X	190	5
2004	SEP	19	0051	54.75	19	27.36	155	24.84	7.65	23	.12	.4	1.4	KAO		1.4X	80	5

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	SEP	19	0128	0.99	19	19.85	155	12.52	5.32	19	.11	.6	1.8	SF2		1.3X	145	5
2004	SEP	19	0223	5.27	19	28.69	155	15.25	31.49	38	.10	.5	.9	DEP		1.7X	54	3
2004	SEP	19	0304	42.25	19	26.46	155	37.10	47.63	17	.09	1.3	1.6	DML	L	2.3X	171	2
2004	SEP	19	0333	19.18	19	22.66	155	30.05	6.27	18	.11	.5	4.8	KAO		1.4X	82	13
2004	SEP	19	0423	26.77	19	26.83	155	32.61	29.15	19	.12	1.3	3.9	DML	L	2.3X	76	5
2004	SEP	19	0516	5.93	19	26.58	155	22.47	10.53	32	.09	.4	.9	KAO		1.5X	90	6
2004	SEP	19	0729	27.58	19	27.73	155	37.96	46.13	24	.13	1.3	1.9	DML	L	2.4X	113	3
2004	SEP	19	1030	40.60	19	27.64	155	35.50	60.14	23	.10	1.6	1.1	DML	L	2.9X	58	1
2004	SEP	19	1143	44.11	19	16.88	155	27.15	8.02	23	.11	.5	1.4	LSW		1.3X	149	6
2004	SEP	19	1704	55.43	19	1.30	155	21.65	9.08	18	.10	1.5	.8	LOI		1.8X	294	29
2004	SEP	19	1706	58.37	19	29.41	155	33.54	51.91	26	.14	1.9	1.2	DML	L	2.8X	115	3
2004	SEP	19	1712	57.15	19	20.60	155	7.87	8.43	44	.09	.4	.4	SF4		2.4X	175	5
2004	SEP	19	1818	51.87	19	42.19	155	57.90	4.58	16	.16	1.5	2.0	HUA		1.8X	281	30
2004	SEP	20	0204	34.05	19	21.50	155	6.05	8.94	38	.09	.4	.5	SF4		1.6X	176	4
2004	SEP	20	0334	45.51	19	28.70	155	38.42	57.24	23	.12	2.2	1.2	DML	L	2.7X	217	4
2004	SEP	20	0729	11.72	19	25.35	155	30.82	9.79	32	.11	.4	1.3	KAO		1.4X	70	9
2004	SEP	20	1101	34.54	19	24.64	155	36.45	48.70	23	.12	1.1	1.6	DML	L	2.5X	80	5
2004	SEP	20	1543	8.96	19	27.71	155	33.78	46.63	17	.15	2.2	1.8	DML	L	2.3X	80	2
2004	SEP	20	1553	28.31	19	12.89	155	28.93	32.20	25	.08	1.0	1.4	DLS		1.7X	236	5
2004	SEP	20	1600	16.62	19	21.90	155	2.06	6.39	19	.15	1.2	1.8	SF5		1.5X	284	6
2004	SEP	20	1622	11.64	19	40.42	155	56.86	1.33	29	.15	1.5	1.6	HUA	F	2.2X	240	12
2004	SEP	20	1647	44.94	19	13.72	155	24.38	31.65	23	.10	1.2	1.8	DEP		1.8X	213	10
2004	SEP	20	1650	36.38	19	37.55	156	1.92	8.51	28	.12	1.1	.6	KON		2.3X	259	31
2004	SEP	20	1856	36.36	19	12.84	155	22.18	31.47	30	.10	.8	1.3	DEP		1.6X	169	11
2004	SEP	20	2119	4.00	19	27.28	155	36.52	44.84	24	.13	1.3	1.7	DML	L	2.7X	83	0
2004	SEP	21	0056	48.31	19	28.42	154	42.65	14.32	18	.15	9.314	4.0	LER	-	1.8X	328	58
2004	SEP	21	0406	16.93	19	28.98	155	36.95	51.28	25	.11	1.4	1.2	DML	L	2.8X	203	2
2004	SEP	21	0716	8.83	19	5.47	155	24.00	34.15	36	.07	.7	1.3	LOI		2.7X	204	21
2004	SEP	21	1158	12.06	19	25.95	155	34.11	38.30	20	.11	1.1	2.1	DML	L	2.3X	72	4
2004	SEP	21	1319	53.62	19	19.80	155	27.36	28.49	39	.12	.5	1.0	DML		2.1X	108	7
2004	SEP	21	1652	21.21	19	39.40	155	25.41	25.84	36	.11	.5	1.0	KEA		1.6X	100	9
2004	SEP	21	2316	23.01	19	23.81	155	17.12	13.22	22	.12	.6	.7	DEP		1.3X	74	1

---ORIGIN TIME (HST)---		-LAT N---		-LON W---		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS	
2004	SEP	23	0449	33.89	19	26.09	155	33.93	54.28	26	.14	1.1	1.3	DML L	2.7X	71	4	
2004	SEP	23	0453	29.65	19	15.24	155	29.12	12.69	23	.12	.6	1.4	LSW	1.5X	178	2	
2004	SEP	23	0506	16.52	19	16.47	155	28.02	7.52	25	.16	.5	1.4	LSW	1.5X	127	4	
2004	SEP	23	1314	58.62	19	25.47	155	26.70	11.76	36	.08	.4	.7	KAO	2.3X	55	10	
2004	SEP	23	1852	26.37	19	30.16	155	38.13	13.48	14	.11	1.5	.4	DML	1.5X	222	4	
2004	SEP	23	1923	11.45	19	27.89	155	31.75	45.45	17	.16	1.4	2.0	DML L	1.9X	86	6	
2004	SEP	23	1938	42.29	19	39.05	156	9.90	9.68	18	.12	9.112.4	HUA	-	1.8X	332	62	
2004	SEP	23	2048	45.26	19	30.12	155	30.24	7.38	17	.10	.5	1.9	MLO	1.2X	107	6	
2004	SEP	24	0004	32.00	20	17.23	154	39.69	6.90	39	.12	7.6	9.7	DIS	-	2.8X	318	75
2004	SEP	24	0148	5.86	19	30.44	155	35.54	58.44	27	.14	1.7	1.3	DML L	2.8X	178	2	
2004	SEP	24	0817	12.90	19	21.80	155	10.89	2.44	20	.09	.4	.4	SER	1.6X	140	2	
2004	SEP	24	0926	9.04	19	46.24	155	57.96	12.51	17	.12	1.3	.7	HUA	1.6X	287	34	
2004	SEP	24	1520	4.56	19	30.26	155	36.25	45.12	13	.06	2.5	1.9	DML L	2.0X	186	2	
2004	SEP	24	1534	56.96	19	27.33	155	37.38	46.46	24	.11	1.0	1.3	DML L	2.4X	102	2	
2004	SEP	24	2018	39.87	19	23.03	155	17.06	3.13	16	.09	.3	.3	SSC	1.1X	78	1	
2004	SEP	24	2024	52.11	20	15.98	155	42.65	12.51	24	.09	6.2	8.7	KOH	-	2.1X	314	57
2004	SEP	25	0009	19.07	19	25.26	155	18.43	11.16	28	.12	.5	.5	INT L	1.7X	75	1	
2004	SEP	25	0028	15.38	19	25.27	155	36.42	56.86	26	.08	1.4	1.0	DML L	3.1X	128	3	
2004	SEP	25	0357	46.56	19	26.44	155	35.19	45.49	16	.06	1.2	1.7	DML L	1.8X	79	2	
2004	SEP	25	0529	12.63	19	29.94	155	27.84	5.36	36	.10	3.3	1.4	KAO	2.3X	84	4	
2004	SEP	25	0545	49.96	19	36.20	155	19.43	13.95	37	.12	.4	.6	KEA	1.5X	73	14	
2004	SEP	25	0845	47.75	19	28.26	155	36.66	53.54	30	.12	1.4	1.0	DML L	2.9X	107	2	
2004	SEP	25	0930	6.77	19	19.74	155	10.76	9.67	28	.10	.6	.7	SF3	1.4X	160	6	
2004	SEP	25	1037	46.69	19	8.54	155	19.32	32.52	21	.11	1.1	2.0	LOI	1.5X	244	15	
2004	SEP	25	1409	15.19	19	22.06	155	5.06	9.12	45	.08	.5	.4	SF5	2.6X	176	5	
2004	SEP	26	0005	53.54	19	36.02	155	19.33	14.57	36	.11	.5	.5	KEA	1.7X	72	13	
2004	SEP	26	0135	2.57	19	24.86	155	18.00	10.98	29	.10	.4	.6	INT L	1.6X	65	1	
2004	SEP	26	0431	58.93	19	27.12	155	37.27	35.64	19	.13	1.0	1.7	DML L	2.0X	184	2	
2004	SEP	26	0524	15.78	18	58.50	155	29.20	35.21	42	.08	.9	1.3	DLS	2.8X	226	19	
2004	SEP	26	0635	37.73	19	29.21	154	52.74	0.02	29	.15	1.3	.3	SLE	#	2.2X	268	5
2004	SEP	26	0814	2.03	19	18.22	155	26.01	9.78	44	.13	.4	.6	LSW	2.3X	121	6	
2004	SEP	26	0902	50.66	19	21.10	155	4.00	8.43	39	.12	.5	.5	SF5	1.7X	194	6	
2004	SEP	26	0912	47.67	19	23.87	155	29.98	9.67	34	.07	.3	1.0	KAO	1.5X	75	12	
2004	SEP	26	1015	48.82	19	25.46	155	15.17	1.69	18	.08	.3	.7	SNC	1.1X	150	3	
2004	SEP	26	1206	52.16	19	25.97	155	19.19	7.66	25	.10	.5	.8	KAO	1.3X	94	3	
2004	SEP	26	1302	15.18	19	23.36	155	17.38	9.39	22	.13	.5	.6	INT L	1.5X	43	1	
2004	SEP	26	1425	6.10	19	26.41	155	38.16	54.35	28	.14	1.6	1.1	DML L	2.7X	100	4	
2004	SEP	26	1543	41.77	19	21.19	155	18.71	3.75	38	.10	.3	.6	SWR	2.0X	63	3	
2004	SEP	26	2347	26.27	19	19.84	155	7.53	8.15	35	.07	.5	.6	SF4	1.5X	187	6	
2004	SEP	27	0127	58.25	19	26.83	155	33.87	52.61	15	.10	1.5	1.7	DML L	2.3X	74	3	
2004	SEP	27	0254	33.21	19	19.36	155	7.20	8.31	38	.07	.5	.6	SF4	1.5X	195	7	
2004	SEP	27	0355	39.88	19	22.50	155	17.58	3.84	20	.11	.4	.5	SSC	1.2X	55	2	
2004	SEP	27	0531	37.22	19	15.25	155	27.72	12.10	16	.09	.7	1.7	LSW	1.5X	184	4	
2004	SEP	27	0655	14.49	19	17.79	155	14.34	8.83	29	.09	.6	.9	SF2	1.3X	105	2	
2004	SEP	27	0737	34.84	19	26.30	155	35.69	39.71	25	.15	1.0	1.2	DML L	2.3X	138	2	

---ORIGIN TIME (HST)---		-LAT N---		-LON W---		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2004	SEP	27	0900	53.99	19	56.39	155	36.81	17.00	19	.10	.8	1.7	KOH	1.6X	139	10
2004	SEP	27	1309	49.94	18	55.82	155	12.76	46.64	40	.07	.9	1.3	LOI	1.9X	250	37
2004	SEP	28	0152	54.55	19	30.74	155	36.22	60.86	30	.15	1.9	1.3	DML L	2.9X	208	3
2004	SEP	28	0159	15.51	19	27.95	155	35.17	56.66	18	.11	2.0	1.2	DML L	2.0X	93	0
2004	SEP	28	0256	50.31	19	27.70	155	35.63	35.26	16	.12	1.2	1.0	DML L	1.7X	113	1
2004	SEP	28	0857	37.67	19	25.28	155	34.91	48.68	16	.12	1.4	1.9	DML L	2.2X	77	4
2004	SEP	28	1133	25.26	19	11.10	156	48.90	16.23	21	.12	3.815.6	DIS	-	2.2X	335116	
2004	SEP	28	1249	13.89	19	26.70	155	32.53	46.61	14	.15	2.2	3.0	DML L	2.1X	91	5
2004	SEP	28	1500	55.37	19	22.74	155	0.91	1.16	29	.13	.7	.4	SSF	1.7X	197	6
2004	SEP	28	1629	5.54	19	17.07	155	22.07	34.11	36	.10	.8	1.0	DEP	1.7X	166	6
2004	SEP	28	1929	9.13	19	28.36	155	35.32	49.13	27	.07	1.1	.9	DML L	2.7X	106	1
2004	SEP	28	2233	0.08	19	30.03	155	27.58	5.70	20	.09	.4	1.7	MLO	1.5X	95	4
2004	SEP	28	2309	53.53	19	11.63	155	17.57	44.49	21	.10	1.2	1.7	DEP	1.5X	252	12
2004	SEP	28	2325	29.64	19	23.57	155	15.96	16.22	24	.11	1.0	.6	DEP L	1.6X	107	1
2004	SEP	29	0007	50.67	19	30.30	155	27.08	6.04	17	.09	.4	1.2	MLO	1.2X	114	3
2004	SEP	29	0022	6.21	19	30.03	155	27.73	4.93	21	.09	.4	1.5	MLO	1.5X	92	4
2004	SEP	29	0045	18.60	19	24.95	155	17.29	7.66	29	.10	.4	.4	INT L	1.3X	89	1
2004	SEP	29	0257	52.92	19	23.35	155	17.49	17.26	26	.11	.9	.9	DML L	1.6X	44	1
2004	SEP	29	0427	33.21	19	23.33	155	35.75	48.48	24	.13	1.0	1.4	DML L	2.0X	98	4
2004	SEP	29	0511	28.38	19	20.11	155	12.29	8.35	38	.09	.4	.6	SF3	1.6X	132	5
2004	SEP	29	0540	21.35	19	16.63	155	46.47	10.82	30	.09	1.1	.4	KON	1.9X	223	14
2004	SEP	29	0601	10.17	19	20.33	155	12.07	9.22	40	.12	.4	.5	SF3	2.2X	133	5
2004	SEP	29	0619	22.69	19	26.96	155	22.30	25.39	25	.10	.8	1.3	DML L	1.5X	78	6
2004	SEP	29	0929	58.04	19	25.46	155	16.08	10.67	28	.15	.6	.6	INT L	1.6X	128	2
2004	SEP	29	1041	27.53	19	24.51	155	17.21	14.73	30	.11	.7	.5	DEP L	1.7X	78	1
2004	SEP	29	1137	2.32	19	27.21	155	34.81	50.69	26	.13	1.2	1.2	DML L	2.7X	62	2
2004	SEP	29	1418	35.05	19	18.84	155	13.56	7.10	36	.11	.4	.7	SF2	1.8X	114	3
2004	SEP	29	1423	36.10	19	26.93	155	37.52	47.54	22	.12	1.1	1.4	DML L	1.9X	96	2
2004	SEP	29	1715	18.47	19	24.65	155	17.85	7.91	29	.14	.4	.7	INT L	1.5X	59	1
2004	SEP	29	1805	27.89	19	24.51	155	16.71	9.69	29	.12	.5	.6	INT L	1.5X	98	1
2004	SEP	29	1913	30.61	19	24.34	155	17.24	2.92	26	.12	.4	.2	SSC L	1.1X	75	1
2004	SEP	29	1929	18.21	19	28.87	155	35.93	60.17	19	.11	1.8	1.3	DML L	2.5X	146	1
2004	SEP	29	2043	33.26	19	22.05	155	5.03	8.78	40	.10	.6	.5	SF5	2.3X	174	5
2004	SEP	29	2339	59.87	19	25.88	155	18.84	5.94	33	.11	.4	.7	INT	1.7X	50	2
2004	SEP	30	0525	43.43	19	21.42	155	4.25	7.19	32							

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	1	1300	40.54	19	20.63	155	8.46	10.38	34	.07	.5	.5	SF4	1.6X	170	5	
2004	OCT	1	1316	20.77	19	48.86	155	24.92	24.10	43	.11	.6	1.4	KEA	2.2X	89	11	
2004	OCT	1	1548	0.35	20	40.95	155	22.15	6.83	17	.1410	313.0	DIS	-	2.3X	339	88	
2004	OCT	1	1729	2.55	19	23.00	155	15.31	2.83	16	.13	.4	.4	SEC	1.1X	132	2	
2004	OCT	1	1956	48.37	19	17.35	155	16.56	8.95	40	.10	.4	.5	SF1	2.1X	135	4	
2004	OCT	1	2010	36.06	19	27.75	155	34.51	39.00	24	.11	.9	1.4	DML	L	2.2X	69	1
2004	OCT	1	2255	49.21	19	26.36	155	33.78	38.18	18	.09	.9	1.6	DML	L	2.1X	69	4
2004	OCT	1	2317	52.99	19	26.89	155	34.69	38.97	15	.06	1.1	2.0	DML	L	1.9X	64	2
2004	OCT	2	0143	10.74	19	30.00	155	36.97	40.56	17	.11	1.2	1.7	DML	L	2.0X	210	2
2004	OCT	2	0207	11.03	19	25.93	155	15.66	1.33	19	.10	.3	.4	SNC	1.4X	148	3	
2004	OCT	2	0622	17.40	19	27.88	155	35.43	36.50	19	.14	1.5	2.1	DML	L	1.9X	107	1
2004	OCT	2	0739	51.53	19	26.59	155	34.90	37.67	22	.12	.9	1.5	DML	L	1.9X	66	3
2004	OCT	2	0941	51.30	19	27.92	155	33.96	43.00	16	.09	1.1	1.5	DML	L	2.1X	82	2
2004	OCT	2	1158	29.85	19	12.17	155	20.59	41.87	20	.11	1.0	1.7	DEP	1.5X	234	11	
2004	OCT	2	1210	21.58	19	26.67	155	15.59	1.33	15	.11	.6	.6	SNC	1.4X	237	4	
2004	OCT	2	1410	29.80	19	28.37	155	33.22	37.19	19	.08	1.0	1.7	DML	L	2.1X	96	3
2004	OCT	2	1429	50.44	19	27.25	155	14.25	33.00	20	.06	1.2	1.3	DEP	1.4X	207	9	
2004	OCT	2	1736	17.77	19	27.85	155	35.77	34.77	24	.12	1.0	1.4	DML	L	2.7X	66	1
2004	OCT	2	2020	21.46	19	30.03	156	4.79	39.01	25	.11	1.5	1.6	KON	1.9X	293	33	
2004	OCT	3	0151	58.26	19	26.35	155	32.67	41.03	19	.13	1.2	1.8	DML	L	2.1X	68	5
2004	OCT	3	0451	34.99	19	16.62	155	6.06	40.67	26	.08	.9	.8	DEP	1.6X	228	13	
2004	OCT	3	0533	14.90	19	26.03	155	32.42	33.26	21	.13	1.0	1.7	DML	L	2.1X	70	6
2004	OCT	3	0629	15.15	19	29.95	155	35.12	43.41	16	.14	1.7	1.6	DML	L	1.9X	127	2
2004	OCT	3	0805	50.20	19	21.55	155	4.64	8.87	39	.09	.5	.4	SF5	1.7X	185	5	
2004	OCT	3	1022	41.51	19	24.93	155	51.38	13.41	31	.10	1.0	.4	KON	2.1X	267	14	
2004	OCT	3	1039	55.21	19	23.04	155	14.95	3.17	19	.08	.4	.4	SEC	1.2X	106	2	
2004	OCT	3	1200	59.52	19	26.60	155	34.33	49.93	22	.10	1.0	1.3	DML	L	2.3X	67	3
2004	OCT	3	1725	6.48	19	12.52	155	27.32	10.08	17	.14	.8	1.8	LSW	1.5X	236	7	
2004	OCT	3	1917	9.09	19	27.39	155	36.41	44.34	26	.08	.8	1.3	DML	L	2.4X	82	0
2004	OCT	3	2202	22.36	19	25.05	155	18.77	7.00	29	.09	.4	.6	INT	1.2X	76	2	
2004	OCT	4	0156	53.56	19	28.45	155	31.47	52.80	16	.11	1.8	1.4	DML	L	1.9X	94	6
2004	OCT	4	0307	13.96	19	29.60	154	52.57	0.01	26	.16	1.9	.6	SLE	#	1.8X	265	6
2004	OCT	4	0537	26.59	19	22.40	155	30.20	9.12	16	.06	.4	2.0	KAO	1.5X	86	13	
2004	OCT	4	0611	28.77	19	27.15	155	36.06	38.54	20	.13	1.1	1.8	DML	L	2.2X	82	0
2004	OCT	4	0853	46.66	19	19.99	155	6.85	9.21	42	.10	.6	.5	SF4	1.9X	189	6	
2004	OCT	4	1045	38.07	19	29.89	155	52.24	11.56	19	.09	1.4	.5	KON	1.3X	307	11	
2004	OCT	4	1129	21.69	19	46.74	154	55.91	39.30	39	.13	1.0	1.3	HIL	2.0X	244	13	
2004	OCT	4	1204	39.27	19	22.26	155	1.74	8.81	35	.12	.8	.5	SF5	2.1X	196	6	
2004	OCT	4	1210	44.61	19	11.93	155	34.15	36.20	27	.08	.7	1.6	DLS	2.1X	130	9	
2004	OCT	4	1410	3.06	18	44.43	155	18.14	44.15	19	.07	1.7	2.4	LOI	2.2X	298	47	
2004	OCT	4	1441	35.77	19	26.84	155	38.99	43.61	28	.12	.9	1.2	DML	L	2.9X	109	5
2004	OCT	4	1530	9.39	19	3.56	155	21.71	36.52	32	.08	.9	1.4	LOI	1.7X	223	26	
2004	OCT	4	1712	27.81	19	19.81	155	12.19	7.46	38	.11	.4	.6	SF3	1.5X	137	5	
2004	OCT	4	1803	11.07	19	29.15	155	35.76	51.24	18	.07	1.3	1.5	DML	L	2.1X	98	0
2004	OCT	4	1957	1.02	19	56.23	155	35.21	3.58	15	.12	1.1	1.7	KOH	1.3X	276	22	

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	4	2130	41.82	19	27.74	155	34.90	44.86	24	.09	.9	1.4	DML	L	1.9X	77	1
2004	OCT	4	2131	25.49	19	27.05	155	34.43	49.42	23	.11	1.1	1.5	DML	L	2.1X	63	2
2004	OCT	4	2222	42.54	19	25.67	155	34.62	44.63	17	.09	1.3	2.0	DML	L	1.9X	73	4
2004	OCT	5	0042	57.01	19	24.88	155	33.13	35.30	18	.08	.9	1.7	DML	L	1.8X	80	7
2004	OCT	5	0233	4.88	19	19.25	155	7.02	8.64	37	.09	.6	.4	SF4	1.8X	197	8	
2004	OCT	5	0257	54.33	19	26.97	155	35.36	49.99	25	.10	1.0	1.4	DML	L	2.5X	66	2
2004	OCT	5	0628	19.46	19	23.17	155	17.32	4.75	17	.08	.4	.6	SSC	1.1X	49	1	
2004	OCT	5	0838	46.56	19	26.15	155	33.76	39.24	23	.15	1.2	2.0	DML	L	2.0X	70	4
2004	OCT	5	0959	44.12	19	23.72	155	36.94	2.22	15	.16	.5	.5	MLO	1.4X	89	2	
2004	OCT	5	1058	4.06	19	26.54	155	35.56	46.59	25	.15	1.2	1.5	DML	L	2.5X	68	2
2004	OCT	5	1245	29.26	19	27.53	155	28.80	11.94	29	.09	.4	1.3	KAO	1.4X	73	8	
2004	OCT	5	1620	10.15	19	29.22	155	34.11	46.30	23	.14	1.2	1.6	DML	L	2.2X	116	3
2004	OCT	5	2011	6.74	19	26.27	155	35.35	42.20	18	.11	1.2	1.8	DML	L	2.0X	67	2
2004	OCT	5	2053	43.16	19	13.94	155	34.27	33.24	18	.10	.9	2.0	DLS	1.8X	123	8	
2004	OCT	5	2135	28.01	19	26.93	155	36.84	51.83	15	.16	2.6	1.9	DML	L	1.8X	170	1
2004	OCT	5	2340	39.90	19	27.57	155	34.26	49.90	28	.11	.9	1.3	DML	L	3.0X	72	2
2004	OCT	6	0214	4.50	19	29.11	155	37.92	51.88	16	.09	1.8	1.7	DML	L	1.9X	214	3
2004	OCT	6	0319	57.95	19	26.12	155	34.62	43.86	18	.09	1.1	1.9	DML	L	1.9X	70	4
2004	OCT	6	0348	22.19	19	27.02	155	29.11	11.52	31	.09	.4	1.1	KAO	1.6X	70	10	
2004	OCT	6	0431	14.27	19	26.89	155	33.97	42.09	16	.20	1.5	2.5	DML	L	1.6X	65	3
2004	OCT	6	0438	17.04	19	28.29	155	33.34	51.45	16	.12	1.5	1.9	DML	L	2.1X	94	3
2004	OCT	6	0448	29.25	19	19.83	155	11.76	9.26	35	.09	.5	.6	SF3	1.2X	145	6	
2004	OCT	6	0602	19.07	19	25.80	155	33.86	51.59	16	.12	1.6	2.1	DML	L	1.7X	73	5
2004	OCT	6	0739	0.26	19	26.63	155	37.69	51.82	24	.10	1.2	1.1	DML	L	2.4X	94	3
2004	OCT	6	0837	58.77	19	26.12	155	15.12	0.01	17	.15	.6	.3	SNC	#	1.7X	218	4
2004	OCT	6	1206	55.20	19	21.75	155	18.73	2.36	15	.09	.3	.6	SWR	1.1X	84	4	
2004	OCT	6	1329	54.53	19	27.48	155	34.81	49.38	25	.12	1.1	1.3	DML	L	2.6X	60	1
2004	OCT	6	1548	45.72	19	19.03	155	10.06	8.54	29	.10	.6	.9	SF3	1.3X	212	7	
2004	OCT	6	1640	45.77	19	26.09	155	37.58	2.89	31	.12	.3	.5	MLO	2.4X	93	3	
2004	OCT	6	1850	5.16	19	26.93	155	37.12	53.17	21	.11	1.6	1.4	DML	L	2.4X	90	2
2004	OCT	6	1919	8.30	19	25.64	155	27.68	9.68	31	.10	.4	1.2	KAO	1.5X	98	11	
2004	OCT	6	2101	40.59	19	28.30	155	32.77	44.58	24	.13	1.1	1.2	DML	L	2.7X	95	4
2004	OCT	6	2133	7.55	19	28.21	155	25.19	13.92	31	.09	.5	.9	DML	1.9X	99	8	
2004	OCT	6	2243	19.79	19	22.74	155	16.96	2.76	19	.06	.3	.2	SSC	1.7X	92		

---ORIGIN		TIME (HST)---		--LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	LOC	MAG	GAP	DS
2004	OCT	7	1603	14.87	19	28.69	155	35.68	65.19	23	.12	2.0	1.2	DML	L	2.7X	71	1
2004	OCT	7	1745	56.76	19	15.51	155	11.92	9.44	31	.10	.6	.9	SF3		1.8X	243	4
2004	OCT	7	1911	16.01	19	21.56	155	4.87	6.63	36	.10	.6	.7	SF5		1.3X	183	5
2004	OCT	7	1959	38.95	19	27.01	155	36.30	51.65	26	.10	1.2	1.1	DML	L	2.4X	79	0
2004	OCT	7	2244	13.04	19	18.04	155	12.97	6.80	27	.12	.5	1.0	SF2		1.0X	163	2
2004	OCT	7	2310	35.36	19	27.52	155	36.15	55.35	18	.13	1.7	1.9	DML	L	1.9X	77	1
2004	OCT	7	2354	35.35	19	18.87	155	13.32	8.76	36	.09	.5	.4	SF2		1.6X	120	3
2004	OCT	8	0036	1.15	19	28.17	155	36.64	50.82	24	.09	1.1	1.3	DML	L	2.5X	80	2
2004	OCT	8	0238	5.68	19	22.63	155	26.19	12.34	34	.09	.4	.8	KAO		1.4X	76	7
2004	OCT	8	0346	12.87	19	30.53	155	28.38	4.07	24	.10	.3	.9	MLO		1.5X	92	3
2004	OCT	8	0347	24.49	19	30.56	155	28.68	4.30	21	.11	.4	1.1	MLO		1.5X	85	3
2004	OCT	8	0432	25.16	19	10.37	155	31.73	32.44	36	.09	.6	1.2	DLS		1.8X	148	9
2004	OCT	8	0531	29.59	19	14.36	155	24.62	32.75	32	.09	1.0	1.1	DEP		1.5X	203	10
2004	OCT	8	0708	31.69	19	34.12	155	16.22	47.05	32	.08	.7	.9	DEP		1.6X	147	12
2004	OCT	8	0715	5.04	19	27.44	155	35.83	49.37	31	.11	1.0	1.3	DML	L	2.8X	67	1
2004	OCT	8	0844	29.51	19	46.46	156	2.14	6.82	17	.19	2.5	1.5	HUA		1.9X	299	41
2004	OCT	8	1205	40.73	19	25.47	155	36.50	42.32	21	.13	1.2	1.9	DML	L	2.3X	72	3
2004	OCT	8	1602	19.87	19	26.04	155	24.20	10.61	30	.09	.4	.9	KAO		1.9X	45	7
2004	OCT	8	1613	18.30	19	25.19	155	34.61	39.02	15	.09	1.3	3.6	DML	L	2.5X	77	5
2004	OCT	8	1816	17.68	19	10.64	155	31.72	29.17	18	.10	1.3	1.7	DLS		1.6X	255	9
2004	OCT	8	2021	6.74	19	24.84	155	35.63	46.10	16	.14	1.4	2.2	DML	L	2.0X	80	4
2004	OCT	8	2047	38.43	19	16.85	155	25.53	8.64	20	.12	.5	.8	LSW		1.0X	159	7
2004	OCT	8	2229	29.62	19	25.71	155	34.07	45.91	22	.09	.9	1.7	DML	L	2.3X	73	5
2004	OCT	8	2244	57.69	19	29.99	155	0.78	41.10	18	.07	1.0	1.4	DEP		1.5X	171	11
2004	OCT	9	0234	34.97	19	26.05	155	32.56	32.79	17	.11	1.0	3.4	DML	L	2.3X	69	6
2004	OCT	9	0309	8.54	19	4.88	155	24.00	34.84	21	.06	.9	1.4	LOI		1.7X	200	22
2004	OCT	9	0458	14.71	19	38.63	155	43.64	11.83	12	.07	2.3	.8	KON		1.6X	247	22
2004	OCT	9	0555	19.06	19	25.73	155	19.43	7.54	19	.09	.5	1.0	KAO		1.5X	91	3
2004	OCT	9	0656	15.14	19	26.85	155	32.51	28.37	15	.12	1.0	2.9	DML	L	2.3X	71	5
2004	OCT	9	0846	52.51	19	53.05	155	40.54	13.41	39	.11	.6	.5	KEA	F	2.3X	120	3
2004	OCT	9	1156	29.64	19	28.24	155	35.88	53.42	22	.10	1.4	1.2	DML	L	2.4X	73	2
2004	OCT	9	1456	39.92	19	18.37	155	13.78	5.27	37	.11	.4	1.0	SF2		1.7X	105	3
2004	OCT	9	1557	23.03	19	24.21	155	15.61	0.90	18	.12	.2	.4	SEC		1.2X	111	2
2004	OCT	9	1712	54.34	19	28.10	155	35.75	56.23	28	.09	1.3	.9	DML	L	3.0X	73	1
2004	OCT	9	1729	2.54	19	15.21	156	15.28	32.72	25	.08	3.6	2.8	KON		2.3X	272	53
2004	OCT	9	1921	49.39	19	25.89	155	33.42	43.32	18	.10	1.2	1.8	DML	L	2.0X	72	5
2004	OCT	9	2010	35.17	19	13.44	156	23.40	40.71	26	.08	1.1	3.2	DIS		2.2X	308	77
2004	OCT	9	2047	36.97	19	30.03	155	37.39	53.13	14	.10	1.4	1.5	DML	L	1.8X	214	3
2004	OCT	9	2151	3.91	19	26.64	155	33.08	38.02	21	.10	1.0	2.7	DML	L	2.3X	67	4
2004	OCT	9	2212	9.72	19	46.61	155	52.82	12.75	16	.11	4.9	7.5	HUA		1.4X	295	43
2004	OCT	10	0113	12.92	19	1.08	155	27.83	42.47	18	.07	1.5	2.6	DLS		1.7X	256	26
2004	OCT	10	0203	54.17	19	11.50	155	42.25	8.26	20	.10	.7	2.1	LSW		1.6X	200	19
2004	OCT	10	0214	10.09	19	25.85	155	32.78	33.22	18	.08	1.0	3.6	DML	L	2.4X	72	6
2004	OCT	10	0446	52.39	19	22.27	155	2.70	6.21	14	.10	.9	1.3	SF5		1.5X	191	5
2004	OCT	10	0536	45.28	19	26.26	155	34.65	38.64	16	.07	1.0	1.8	DML	L	1.6X	69	3

---ORIGIN		TIME (HST)---		--LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	LOC	MAG	GAP	DS
2004	OCT	10	0550	27.72	19	14.68	156	16.65	13.47	19	.09	5.2	7.6	KON		2.0X	299	65
2004	OCT	10	0624	14.81	19	26.88	155	35.44	44.20	22	.11	1.1	1.6	DML	L	2.1X	69	2
2004	OCT	10	0942	17.90	19	28.59	155	35.51	48.96	23	.11	1.0	1.4	DML	L	2.4X	71	1
2004	OCT	10	1352	18.12	19	28.66	155	34.47	55.31	20	.16	1.7	1.3	DML	L	2.3X	99	1
2004	OCT	10	1711	24.11	19	26.90	155	36.09	40.39	17	.12	1.2	2.0	DML	L	1.9X	77	1
2004	OCT	10	2132	3.03	19	23.55	155	16.90	3.02	28	.10	.3	.2	SSC		1.8X	53	0
2004	OCT	10	2153	6.99	19	29.75	155	36.23	61.71	25	.11	1.6	1.3	DML	L	3.0X	201	1
2004	OCT	10	2342	51.55	19	21.83	155	5.02	7.20	38	.10	.6	.6	SF5		1.9X	179	5
2004	OCT	11	0109	44.01	19	28.45	155	35.81	37.01	22	.09	.9	1.5	DML	L	2.2X	140	1
2004	OCT	11	0204	7.33	19	27.38	155	35.50	46.55	23	.11	1.1	1.5	DML	L	2.4X	85	1
2004	OCT	11	0253	50.45	19	28.85	155	35.40	51.05	16	.15	1.7	2.2	DML	L	1.7X	98	1
2004	OCT	11	0418	16.64	19	38.19	155	11.91	10.88	25	.10	.5	.9	KEA		1.3X	126	19
2004	OCT	11	0421	7.82	19	26.92	155	37.70	42.15	16	.11	1.4	2.0	DML	L	2.0X	182	3
2004	OCT	11	0504	12.66	19	17.25	155	29.25	7.29	30	.12	.5	1.4	LSW		1.6X	111	4
2004	OCT	11	0547	12.99	19	27.84	155	32.53	50.71	15	.16	2.0	3.2	DML	L	1.9X	86	4
2004	OCT	11	0552	16.65	19	26.77	155	35.53	41.32	20	.11	1.0	1.6	DML	L	1.8X	82	2
2004	OCT	11	0651	54.95	19	29.83	155	34.58	53.95	22	.13	1.4	1.5	DML	L	2.3X	124	3
2004	OCT	11	0833	25.89	19	28.03	155	33.37	42.97	20	.09	1.1	1.7	DML	L	2.2X	88	3
2004	OCT	11	0936	48.81	19	30.04	155	35.57	50.27	24	.14	1.3	1.3	DML	L	2.5X	130	2
2004	OCT	11	1029	50.26	19	20.55	155	16.32	33.29	44	.11	.8	.6	DEP	F	3.2X	79	2
2004	OCT	11	1053	15.16	19	28.44	155	32.37	51.93	15	.11	1.8	1.9	DML	L	2.4X	97	5
2004	OCT	11	1202	14.77	19	29.60	155	26.24	4.69	26	.09	.4	1.6	KAO		1.3X	107	5
2004	OCT	11	1219	49.21	19	25.76	155	37.69	44.53	21	.12	1.1	1.4	DML	L	2.1X	94	3
2004	OCT	11	1325	36.20	19	25.89	155	37.56	58.39	22	.18	2.4	1.7	DML	L	2.6X	93	3
2004	OCT	11	1357	10.26	19	10.25	155	31.50	31.97	44	.08	.5	1.1	DLS		2.4X	149	9
2004	OCT	11	1428	47.41	19	27.36	155	34.87	44.77	25	.10	1.1	2.0	DML	L	2.4X	61	1
2004	OCT	11	1438	31.11	19	27.86	155	36.22	44.63	24	.14	1.2	1.5	DML	L	2.4X	83	1
2004	OCT	11	1556	11.48	19	28.18	155	35.07	38.22	25	.12	1.0	1.6	DML	L	2.3X	66	0
2004	OCT	11	1630	6.09	19	26.51	155	36.78	45.55	24	.10	1.1	1.7	DML	L	2.5X	84	2
2004	OCT	11	1737	51.25	19	27.99	155	37.24	45.80	24	.10	1.1	1.4	DML	L	2.3X	103	2
2004	OCT	11	1759	0.56	19	27.20	155	36.19	45.57	16	.12	1.5	1.7	DML	L	1.8X	90	0
2004	OCT	11	1845	5.68	19	28.83	155	36.86	53.44	15	.12	1.8	2.0	DML	L	2.1X	201	2

---ORIGIN TIME (HST)--- -LAT N-- --LON W-- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GA	DS
2004	OCT	12	0153	21.36	19	26.81	155	34.26	52.35	15	.13	1.7	1.9	DML L	2.0X	65	3
2004	OCT	12	0201	24.54	19	9.41	155	32.12	34.40	23	.06	.7	1.6	DLS	1.8X	151	11
2004	OCT	12	0236	3.60	19	25.85	155	35.02	41.02	21	.14	1.1	1.8	DML L	2.2X	79	3
2004	OCT	12	0333	15.75	19	26.91	155	36.09	48.85	15	.08	1.5	1.9	DML L	2.2X	116	1
2004	OCT	12	0349	33.89	19	24.78	155	35.42	44.28	16	.09	1.1	1.8	DML L	2.0X	82	4
2004	OCT	12	0426	53.36	19	26.44	155	33.42	42.49	13	.11	1.6	7.7	DML L	1.9X	68	4
2004	OCT	12	0535	57.59	19	25.74	155	35.67	50.90	18	.10	1.3	2.2	DML L	2.2X	103	3
2004	OCT	12	0603	8.98	19	31.11	155	33.34	38.71	21	.10	1.1	1.1	DML L	2.6X	163	6
2004	OCT	12	0654	6.02	19	30.28	155	36.00	46.73	20	.11	1.5	1.3	DML L	2.1X	135	2
2004	OCT	12	0710	56.54	19	27.38	155	37.27	53.39	18	.07	1.6	1.1	DML L	2.2X	100	2
2004	OCT	12	0713	13.18	19	24.60	155	36.54	1.53	14	.10	.4	.4	MLO	1.3X	112	2
2004	OCT	12	0809	21.74	19	23.62	155	17.14	2.77	19	.10	.4	.2	SSC	1.2X	55	1
2004	OCT	12	0816	7.78	19	29.39	155	34.36	51.78	18	.10	1.6	1.5	DML L	2.3X	129	3
2004	OCT	12	0915	2.48	19	20.43	155	12.87	7.73	22	.10	.6	.9	SF2	1.3X	143	4
2004	OCT	12	0942	15.35	19	24.38	155	37.04	42.92	22	.13	1.1	1.5	DML L	2.5X	80	1
2004	OCT	12	0955	31.52	19	18.90	155	6.15	7.52	22	.11	1.3	1.0	SF4	1.5X	236	9
2004	OCT	12	1053	5.96	19	28.01	155	34.27	50.63	13	.05	1.5	1.7	DML L	2.1X	81	1
2004	OCT	12	1211	3.64	19	21.45	155	18.48	3.20	14	.08	.3	.7	SWR	1.3X	72	3
2004	OCT	12	1212	22.66	19	28.60	155	51.26	8.16	21	.17	1.3	1.0	KON	1.8X	199	10
2004	OCT	12	1243	13.30	19	26.91	155	35.02	48.14	15	.09	1.4	1.5	DML L	2.0X	63	2
2004	OCT	12	1317	58.25	19	20.27	155	7.28	9.27	47	.12	.6	.4	SF4 F	4.5U	177	6
2004	OCT	12	1320	30.76	19	19.46	155	8.86	8.90	17	.08	.7	1.1	SF4	1.9X	183	7
2004	OCT	12	1320	56.32	19	19.60	155	7.34	8.51	31	.10	.6	.6	SF4	1.8X	192	7
2004	OCT	12	1323	42.75	19	19.77	155	6.44	8.43	27	.08	.8	.6	SF4	1.6X	195	7
2004	OCT	12	1324	9.54	19	19.27	155	7.86	6.29	25	.10	.9	1.0	SF4	1.6X	193	7
2004	OCT	12	1349	37.94	19	19.85	155	6.64	7.62	28	.10	.6	.9	SF4	1.6X	193	7
2004	OCT	12	1431	58.24	19	18.98	155	6.86	6.81	23	.10	1.0	1.5	SF4	1.5X	202	8
2004	OCT	12	1503	41.05	19	24.98	155	38.16	39.03	22	.08	1.0	1.7	DML L	2.4X	101	1
2004	OCT	12	1609	44.49	19	26.96	155	34.18	43.62	18	.16	1.3	2.1	DML L	2.2X	64	3
2004	OCT	12	1747	36.58	19	27.07	155	36.15	45.89	19	.10	1.1	1.6	DML L	2.1X	77	0
2004	OCT	12	1816	39.62	19	25.96	155	34.05	47.67	15	.10	1.5	2.1	DML L	1.7X	71	4
2004	OCT	12	1825	55.04	19	28.02	155	35.03	53.90	19	.09	1.2	1.5	DML L	2.1X	87	0
2004	OCT	12	1937	53.58	19	30.30	155	33.88	37.40	18	.14	1.3	1.6	DML L	2.1X	153	4
2004	OCT	12	1959	6.49	19	27.20	155	37.58	56.38	20	.11	1.4	1.3	DML L	2.7X	193	2
2004	OCT	12	2105	0.21	19	27.02	155	34.85	42.75	16	.11	1.3	2.2	DML L	2.1X	63	2
2004	OCT	12	2109	45.12	19	19.42	155	7.96	8.76	35	.10	.6	.6	SF4	1.8X	190	7
2004	OCT	12	2147	11.71	19	31.20	155	32.59	42.66	18	.12	1.5	1.4	DML L	1.9X	152	7
2004	OCT	12	2147	37.55	19	9.95	155	15.17	47.28	28	.11	1.3	1.5	LOI	1.5X	245	13
2004	OCT	12	2226	28.15	19	22.45	155	29.84	10.09	32	.08	.4	1.4	KAO	1.5X	81	12
2004	OCT	12	2232	51.91	19	26.75	155	32.65	41.95	18	.10	1.2	3.3	DML L	2.3X	65	5
2004	OCT	12	2339	55.53	19	25.43	155	34.09	45.74	21	.17	1.4	2.0	DML L	2.2X	76	5
2004	OCT	13	0017	33.35	19	29.11	155	34.47	48.85	21	.11	1.2	1.5	DML L	2.2X	118	2
2004	OCT	13	0036	13.53	19	28.55	155	34.25	36.63	20	.14	1.2	2.9	DML L	2.1X	97	2
2004	OCT	13	0043	58.67	19	26.30	155	36.23	39.36	14	.09	1.3	3.5	DML L	1.9X	139	2
2004	OCT	13	0109	44.51	19	26.41	155	35.29	46.46	14	.11	1.5	2.1	DML L	2.1X	82	2

---ORIGIN TIME (HST)--- -LAT N-- --LON W-- DEPTH N RMS ERH ERZ LOC PREF AZ MIN																	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GA	DS
2004	OCT	13	0120	15.77	19	25.71	155	31.45	34.80	14	.11	1.7	8.4	DML L	2.2X	85	8
2004	OCT	13	0140	49.87	19	25.88	155	36.23	42.56	18	.11	1.2	2.1	DML L	2.0X	133	3
2004	OCT	13	0220	56.08	19	26.58	155	33.05	43.52	24	.12	1.1	1.5	DML L	2.4X	67	5
2004	OCT	13	0306	45.72	19	17.21	155	27.79	9.16	16	.10	.5	1.7	LSW	1.2X	137	6
2004	OCT	13	0321	7.42	19	29.37	155	35.19	47.16	21	.09	1.0	1.3	DML L	2.4X	135	1
2004	OCT	13	0322	17.96	19	18.40	155	6.92	10.56	40	.10	.6	.3	SF4	2.9X	189	9
2004	OCT	13	0348	29.78	19	10.00	155	32.35	33.08	17	.06	1.2	2.0	DLS	1.6X	260	10
2004	OCT	13	0408	27.16	19	20.23	155	6.49	7.69	36	.10	.5	.6	SF4	1.5X	189	6
2004	OCT	13	0419	19.52	19	27.57	155	33.74	51.96	20	.10	1.5	1.5	DML L	2.1X	77	2
2004	OCT	13	0436	51.07	19	25.71	155	27.63	12.20	30	.10	.4	1.3	KAO	1.4X	58	11
2004	OCT	13	0502	42.32	19	27.04	155	32.58	41.58	27	.11	.9	1.3	DML L	2.6X	68	5
2004	OCT	13	0548	5.98	19	27.54	155	35.00	46.82	17	.11	1.3	1.9	DML L	2.2X	75	1
2004	OCT	13	0556	54.02	19	26.72	155	33.47	36.84	15	.11	1.3	4.4	DML L	2.1X	66	4
2004	OCT	13	0639	17.42	19	26.62	155	38.81	47.61	17	.09	1.3	1.7	DML L	1.8X	199	5
2004	OCT	13	0642	2.05	19	26.72	155	33.16	40.01	20	.10	1.2	4.1	DML L	2.4X	67	4
2004	OCT	13	0729	18.25	19	27.12	155	34.30	36.13	23	.10	1.0	1.4	DML L	2.0X	63	2
2004	OCT	13	0759	46.53	19	27.81	155	38.31	52.16	23	.10	1.3	1.6	DML L	2.3X	114	4
2004	OCT	13	0816	9.51	19	19.37	155	51.92	9.12	23	.17	1.5	1.0	KON	1.7X	274	21
2004	OCT	13	0830	30.85	19	27.66	155	33.72	42.97	15	.11	1.4	1.8	DML L	2.1X	78	2
2004	OCT	13	0906	28.47	19	25.24	155	35.57	44.72	25	.12	1.0	1.4	DML L	2.7X	74	4
2004	OCT	13	0955	12.78	19	25.54	155	37.37	41.53	16	.12	1.3	2.0	DML L	1.8X	90	2
2004	OCT	13	1006	54.10	19	26.34	155	36.11	46.37	19	.11	1.2	1.5	DML L	2.1X	76	2
2004	OCT	13	1037	42.18	19	28.27	155	34.51	46.55	13	.14	2.5	1.5	DML L	2.0X	80	1
2004	OCT	13	1248	42.38	19	27.48	155	35.53	45.45	19	.15	1.4	2.3	DML L	1.8X	93	1
2004	OCT	13	1549	7.21	19	25.86	155	36.08	49.12	17	.12	1.3	1.8	DML L	2.3X	69	3
2004	OCT	13	1614	49.15	19	27.70	155	36.85	38.34	11	.08	1.8	3.8	DML L	1.8X	181	1
2004	OCT	13	1653	55.65	19	27.21	155	33.28	38.00	13	.12	1.4	4.2	DML L	1.8X	73	3
2004	OCT	13	1715	23.06	19	25.96	155	35.56	45.55	14	.07	1.3	1.6	DML L	2.1X	98	3
2004	OCT	13	1757	16.65	19	27.62	155	34.42	53.31	16	.12	1.5	2.0	DML L	2.6X	70	1
2004	OCT	13	1824	39.84	19	39.62	155	59.85	9.11	20	.16	1.8	.8	HUA	1.7X	295	30
2004	OCT	13	1841	9.68	19	19.66	155	6.45	6.55	37	.11	.6	1.0	SF4	1.8X	196	7
2004	OCT	13	1846	38.01	19	30.50	155	37.66	46.24	17	.12	1.2	1.5	DML L	1.5X	220	6
2004	OCT	13	1935	3.58	19	26.95	154	46.33	8.47	19	.07	.8	.5	LER	1.8X	292	38
2004	OCT	13	1948	28.51	19	0.93	155	27.19	37.45	33	.08	.8	1.4	DLS	1.8X	213	23
2004	OCT	13	1958	43.23	19	27.58	155	33.94	55.91	23	.15	1.7	2.0	DML L	2.4X	61	

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	14	0231	49.15	19	26.16	155	36.34	38.53	19	.09	1.1	1.6	DML	L	1.9X	102	2
2004	OCT	14	0307	24.20	19	27.21	155	37.31	44.47	13	.11	1.8	2.0	DML	L	2.0X	150	2
2004	OCT	14	0308	40.72	19	27.12	155	36.69	50.70	24	.13	1.3	1.5	DML	L	2.3X	85	1
2004	OCT	14	0350	49.15	19	28.07	155	33.87	47.32	20	.14	1.4	1.9	DML	L	2.1X	58	2
2004	OCT	14	0411	56.10	19	30.17	155	36.29	51.22	19	.09	1.2	1.4	DML	L	2.1X	119	2
2004	OCT	14	0431	35.76	19	29.72	155	34.72	51.47	19	.14	1.5	1.7	DML	L	1.7X	123	2
2004	OCT	14	0434	32.60	19	19.04	155	8.21	7.31	36	.11	.6	.7	SF4		1.6X	193	8
2004	OCT	14	0453	41.62	19	26.39	155	37.16	46.19	28	.13	1.1	1.3	DML	L	2.3X	88	2
2004	OCT	14	0538	32.63	19	27.94	155	32.64	42.68	10	.06	1.8	7.1	DML	L	1.9X	81	4
2004	OCT	14	0556	35.05	19	28.81	155	32.81	54.69	26	.11	1.5	1.1	DML	L	2.7X	105	4
2004	OCT	14	0709	50.43	19	28.18	155	35.30	43.91	15	.08	1.5	1.8	DML	L	1.9X	104	0
2004	OCT	14	0833	28.56	19	26.67	155	37.19	44.56	27	.14	1.1	1.4	DML	L	2.5X	88	2
2004	OCT	14	0959	33.59	19	25.93	155	36.21	45.45	18	.10	1.4	2.3	DML	L	2.2X	73	2
2004	OCT	14	1105	25.68	19	26.04	155	34.51	39.55	11	.07	2.4	10.1	DML	L	1.9X	70	4
2004	OCT	14	1128	30.53	19	26.65	155	39.07	52.80	19	.19	1.5	1.5	DML	L	2.6X	112	5
2004	OCT	14	1239	23.62	19	27.98	155	36.56	40.37	16	.09	1.2	2.1	DML	L	2.2X	95	1
2004	OCT	14	1300	9.25	19	25.83	155	35.04	46.97	25	.10	.9	1.6	DML	L	2.6X	54	3
2004	OCT	14	1345	47.27	19	27.62	155	26.04	9.32	42	.13	.4	.7	KAO		2.7X	42	6
2004	OCT	14	1542	20.26	19	26.42	155	34.71	49.92	18	.11	1.2	2.5	DML	L	2.3X	68	3
2004	OCT	14	1725	59.43	19	26.06	155	34.39	40.59	22	.13	.9	2.0	DML	L	2.2X	50	4
2004	OCT	14	1921	19.89	19	26.13	155	34.17	36.46	25	.15	1.0	2.5	DML	L	2.4X	49	4
2004	OCT	14	2015	19.52	19	24.73	155	37.94	3.04	35	.13	.3	.4	MLO		2.5X	96	1
2004	OCT	14	2020	55.48	19	21.11	155	24.33	9.43	34	.12	.4	.5	SWR		1.5X	91	2
2004	OCT	14	2122	19.86	19	24.38	155	34.35	46.80	17	.16	1.4	2.4	DML	L	2.1X	86	6
2004	OCT	14	2214	35.52	19	28.37	155	36.58	42.04	18	.12	1.0	2.1	DML	L	1.6X	78	2
2004	OCT	14	2245	41.95	19	27.00	155	36.49	47.56	12	.05	1.7	2.2	DML	L	1.8X	142	1
2004	OCT	14	2250	31.49	19	26.67	155	35.85	45.39	17	.12	1.2	1.7	DML	L	2.3X	74	1
2004	OCT	14	2310	2.54	19	25.63	155	33.82	49.79	14	.13	1.8	2.3	DML	L	1.8X	117	5
2004	OCT	14	2357	47.60	19	25.40	155	34.85	44.69	15	.09	1.1	2.5	DML	L	2.3X	76	4
2004	OCT	15	0149	29.04	19	25.23	155	35.95	51.49	17	.10	1.4	1.9	DML	L	2.6X	75	4
2004	OCT	15	0429	35.22	19	19.79	155	7.77	9.50	12	.05	1.0	1.1	SF4		1.2X	185	6
2004	OCT	15	0455	27.95	19	55.34	155	41.28	15.00	15	.08	.8	.5	KOH		1.4X	126	8
2004	OCT	15	0508	58.26	19	29.33	155	34.50	44.93	17	.13	1.4	2.9	DML	L	2.2X	112	2
2004	OCT	15	0621	24.35	19	24.61	155	35.05	39.65	20	.15	1.1	1.7	DML	L	2.3X	84	5
2004	OCT	15	0722	20.98	19	28.18	155	34.06	43.09	24	.09	1.0	1.5	DML	L	2.5X	87	2
2004	OCT	15	0956	5.52	19	28.46	155	34.83	48.66	22	.14	1.3	1.5	DML	L	2.4X	87	1
2004	OCT	15	1014	38.80	19	30.24	155	36.82	35.59	24	.13	1.1	1.2	DML	L	2.2X	120	2
2004	OCT	15	1112	49.20	19	27.04	155	57.46	47.94	25	.09	1.1	1.3	KON		2.0X	236	21
2004	OCT	15	1144	36.75	19	29.14	155	35.37	47.92	20	.10	1.5	2.1	DML	L	2.3X	115	1
2004	OCT	15	1220	34.06	19	30.28	155	34.68	53.19	18	.12	1.6	1.8	DML	L	2.3X	129	3
2004	OCT	15	1342	50.56	19	27.03	155	36.77	48.63	26	.13	1.2	1.5	DML	L	2.5X	85	1
2004	OCT	15	1536	9.52	19	26.71	155	34.98	45.18	14	.08	1.3	2.0	DML	L	2.6X	65	3
2004	OCT	15	1825	11.62	19	30.60	155	37.50	55.64	21	.14	2.1	1.4	DML	L	1.9X	144	4
2004	OCT	15	1846	46.03	19	26.85	155	35.15	50.71	26	.14	1.3	1.6	DML	L	2.3X	65	2
2004	OCT	15	1913	29.87	19	56.15	155	44.47	7.51	15	.11	1.2	.9	KOH		1.2X	272	12

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	15	1937	42.84	19	26.09	155	36.03	42.15	19	.07	1.0	1.4	DML	L	2.2X	71	2
2004	OCT	15	2118	43.51	19	28.06	155	34.29	43.18	15	.10	1.4	1.9	DML	L	1.5X	82	1
2004	OCT	15	2125	55.32	19	19.77	155	6.28	7.97	30	.12	.8	.7	SF4		1.6X	196	7
2004	OCT	15	2128	1.88	19	26.86	155	36.92	32.92	21	.12	.9	1.5	DML	L	2.3X	86	1
2004	OCT	15	2215	1.58	19	26.25	155	37.17	46.52	14	.12	2.0	1.5	DML	L	1.7X	241	6
2004	OCT	15	2339	35.91	19	26.59	155	35.03	46.64	23	.10	.9	1.4	DML	L	2.4X	69	3
2004	OCT	15	2357	51.47	19	4.76	155	24.24	34.19	19	.07	.9	1.6	LOI		1.4X	201	22
2004	OCT	16	0014	10.27	19	21.70	155	12.66	2.85	30	.10	.3	.4	SER		1.6X	115	2
2004	OCT	16	0104	38.32	19	26.90	155	35.38	43.71	20	.11	1.0	1.5	DML	L	2.1X	72	2
2004	OCT	16	0143	58.34	19	26.92	155	33.33	35.94	10	.12	1.5	3.3	DML	L	1.9X	74	4
2004	OCT	16	0245	24.44	19	27.67	155	36.10	43.02	14	.09	1.2	1.8	DML	L	2.1X	84	1
2004	OCT	16	0304	53.14	19	27.33	155	34.52	46.25	23	.12	.9	1.5	DML	L	2.2X	61	2
2004	OCT	16	0552	2.98	19	21.05	155	18.55	3.17	15	.08	.4	1.0	SWR		1.3X	78	5
2004	OCT	16	0610	35.10	19	51.38	155	30.92	25.15	16	.06	.8	1.5	KEA		2.0X	196	10
2004	OCT	16	0616	29.10	19	26.02	155	36.56	45.77	18	.16	1.4	1.8	DML	L	2.5X	82	4
2004	OCT	16	0744	32.36	19	29.65	155	35.36	52.47	14	.14	2.0	2.2	DML	L	1.7X	163	1
2004	OCT	16	0841	3.60	19	24.77	155	35.08	43.80	17	.12	1.2	1.6	DML	L	1.9X	81	5
2004	OCT	16	1010	3.00	19	23.56	155	16.81	2.94	14	.05	.4	.3	SSC		1.1X	68	0
2004	OCT	16	1119	10.47	19	27.26	155	35.62	49.70	27	.13	.9	1.5	DML	L	2.6X	62	1
2004	OCT	16	1124	38.75	19	28.76	155	24.25	14.76	35	.11	.4	.3	DML	L	1.8X	56	3
2004	OCT	16	1301	39.57	19	23.48	155	16.91	3.37	19	.07	.3	.3	SSC		.9X	67	0
2004	OCT	16	1305	45.92	19	27.17	155	35.03	40.37	21	.12	1.0	2.5	DML	L	2.2X	62	2
2004	OCT	16	1347	53.17	19	18.24	155	13.65	3.61	17	.10	.7	1.1	SSF		1.3X	110	2
2004	OCT	16	1527	44.76	19	30.43	155	37.14	47.00	22	.14	1.5	1.5	DML	L	2.4X	141	3
2004	OCT	16	1613	41.69	19	28.78	155	34.95	42.79	26	.13	1.1	1.4	DML	L	2.4X	90	1
2004	OCT	16	1730	49.01	19	27.43	155	37.56	46.88	13	.11	2.2	1.4	DML	L	1.9X	196	2
2004	OCT	16	1731	55.24	19	20.00	155	12.76	6.76	36	.10	.4	.7	SF2		1.4X	125	5
2004	OCT	16	1849	34.25	19	23.85	155	25.75	10.42	39	.10	.4	.7	KAO		1.5X	59	8
2004	OCT	16	1914	42.43	19	27.77	155	34.20	37.46	16	.09	1.2	2.2	DML	L	2.0X	74	2
2004	OCT	16	2122	20.00	19	27.03	155	35.08	43.34	23	.13	1.1	1.6	DML	L	1.9X	63	2
2004	OCT	16	2158	43.99	19	29.08	155	33.23	40.11	14	.10	2.1	5.6	DML	L#	2.0X	108	4
2004	OCT	16	2236	12.31	19	24.78	155	36.64	40.89	22	.18	1.3						

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	17	1758	5.56	19	25.20	155	37.26	2.40	34	.11	.3	.4	MLO	2.4X	93	2	
2004	OCT	17	1944	34.48	19	25.82	155	35.03	40.77	19	.11	1.0	1.6	DML	L	2.3X	72	3
2004	OCT	17	2159	26.34	19	29.38	155	37.30	51.40	18	.08	1.7	1.4	DML	L	2.2X	129	2
2004	OCT	17	2240	45.18	19	17.38	155	41.09	0.00	24	.14	.6	.3	LSW	#	1.9X	164	8
2004	OCT	17	2351	20.79	19	28.29	155	39.17	57.96	22	.13	1.9	1.2	DML	L	2.3X	119	5
2004	OCT	18	0245	49.36	19	27.08	155	37.94	51.19	34	.09	.8	.9	DML	L	2.9X	95	3
2004	OCT	18	0444	14.28	19	31.68	155	36.43	46.00	19	.14	1.1	1.4	DML	L	2.2X	89	5
2004	OCT	18	0625	38.33	19	28.95	155	37.70	44.59	20	.12	1.2	1.3	DML	L	2.1X	125	4
2004	OCT	18	0758	48.62	19	29.57	155	55.06	5.65	29	.16	1.1	.7	KON		1.9X	258	16
2004	OCT	18	0918	10.96	19	28.42	155	35.03	46.35	17	.14	1.4	2.4	DML	L	2.5X	81	1
2004	OCT	18	1206	59.63	19	19.73	155	10.14	7.66	41	.10	.5	.6	SF3		2.0X	167	6
2004	OCT	18	1230	43.66	19	31.74	155	35.20	53.78	20	.10	1.5	1.1	DML	L	2.3X	147	5
2004	OCT	18	1245	55.80	19	23.35	155	5.21	2.80	18	.11	1.0	.5	SME		1.7X	159	3
2004	OCT	18	1401	11.42	19	22.87	155	4.94	10.37	15	.05	1.3	.8	SF5		1.8X	166	3
2004	OCT	18	1402	8.92	19	20.12	155	3.33	8.14	24	.11	.7	.7	SF5		1.5X	250	8
2004	OCT	18	1637	37.89	19	27.18	155	35.57	43.98	29	.13	1.0	1.3	DML	L	2.6X	61	1
2004	OCT	18	1929	17.48	19	27.14	155	35.50	44.48	20	.12	1.0	1.7	DML	L	1.9X	61	1
2004	OCT	18	2050	55.03	19	19.19	155	7.94	5.17	21	.12	.8	2.6	SF4		1.2X	213	8
2004	OCT	18	2126	11.70	19	2.58	155	24.99	38.39	31	.07	.8	1.2	LOI		1.8X	208	25
2004	OCT	18	2139	28.52	19	24.03	155	5.15	41.61	32	.09	.9	1.3	DEP		1.7X	150	2
2004	OCT	19	0150	9.53	19	19.79	155	11.54	8.39	44	.10	.4	.5	SF3		2.2X	148	6
2004	OCT	19	0217	21.88	19	26.38	155	34.02	37.17	25	.13	1.1	1.6	DML	L	2.3X	69	4
2004	OCT	19	0354	36.49	19	31.42	155	35.79	49.61	16	.10	1.6	1.5	DML	L	1.8X	147	4
2004	OCT	19	0416	5.24	18	59.49	155	27.92	36.42	20	.07	1.1	1.7	DLS		2.0X	230	22
2004	OCT	19	0520	27.62	20	1.12	155	33.37	41.62	34	.11	.9	1.0	KEA		2.3X	184	21
2004	OCT	19	0616	1.28	19	24.32	155	37.66	39.06	22	.16	1.2	1.7	DML	L	2.3X	76	0
2004	OCT	19	0844	5.96	19	16.61	155	34.52	1.39	26	.12	.9	.8	LSW		1.8X	203	8
2004	OCT	19	0931	9.65	19	25.32	155	36.62	50.21	20	.15	1.6	1.2	DML	L	2.3X	107	3
2004	OCT	19	1416	44.77	19	19.22	155	10.56	8.35	32	.09	.6	.7	SF3		1.6X	182	7
2004	OCT	19	1752	29.01	19	26.41	155	36.78	56.46	28	.13	1.5	1.1	DML	L	2.6X	84	2
2004	OCT	19	2214	6.20	19	30.70	155	33.83	53.65	20	.21	2.3	1.6	DML	L	2.4X	128	5
2004	OCT	20	0051	37.09	19	27.21	155	29.59	9.79	26	.09	.4	1.3	KAO		1.4X	73	9
2004	OCT	20	0308	26.88	19	19.80	155	8.39	7.58	36	.10	.6	.7	SF4		1.6X	182	6
2004	OCT	20	0337	46.67	19	28.51	155	32.77	54.17	19	.15	2.1	1.5	DML	L	2.2X	98	4
2004	OCT	20	0656	19.06	19	23.82	155	16.42	8.38	26	.12	.5	.6	INT	L	1.4X	102	0
2004	OCT	20	0713	45.76	19	25.46	155	37.20	54.54	25	.15	1.5	1.7	DML	L	2.8X	88	2
2004	OCT	20	0921	55.05	19	22.33	155	29.92	8.78	21	.07	.4	1.6	KAO		1.3X	83	12
2004	OCT	20	0958	6.26	19	16.53	155	27.10	9.06	47	.14	.4	.6	LSW		2.8X	129	6
2004	OCT	20	1103	39.46	19	23.28	155	15.09	3.30	19	.08	.4	.4	SEC		1.4X	114	2
2004	OCT	20	1104	33.32	19	26.54	155	29.57	11.39	21	.10	.5	2.0	KAO		1.2X	107	10
2004	OCT	20	1513	44.13	19	11.41	155	20.47	45.21	33	.10	1.2	1.3	DEP		1.9X	242	13
2004	OCT	20	1519	26.96	19	10.83	155	20.03	43.68	27	.14	1.2	1.6	DEP		1.5X	246	13
2004	OCT	20	1548	11.75	19	27.74	155	36.25	50.17	17	.10	1.6	1.2	DML	L	1.8X	81	1
2004	OCT	20	1723	12.99	19	24.70	155	38.37	3.77	17	.10	.5	.6	MLO		1.5X	104	1
2004	OCT	20	1751	50.59	19	19.46	155	12.07	6.21	33	.11	.4	.9	SF3		1.6X	144	5

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	20	1756	32.54	19	26.85	155	35.92	47.53	26	.14	1.0	1.2	DML	L	2.2X	76	1
2004	OCT	20	1811	48.30	19	19.27	155	12.02	6.49	33	.11	.4	.8	SF3		1.3X	150	5
2004	OCT	20	1932	15.46	19	20.88	155	5.86	9.04	40	.09	.6	.5	SF4		2.1X	185	5
2004	OCT	20	2012	59.61	19	34.63	155	51.70	4.09	19	.14	.9	2.2	KON		1.7X	254	13
2004	OCT	20	2200	33.26	19	27.33	155	34.61	41.87	18	.09	1.1	1.8	DML	L	1.7X	62	2
2004	OCT	20	2303	35.75	19	27.29	155	34.60	54.33	23	.14	1.7	1.4	DML	L	2.8X	62	2
2004	OCT	20	2319	20.35	19	19.75	155	7.58	8.09	34	.09	.5	.6	SF4		1.5X	188	7
2004	OCT	21	0020	51.51	18	51.51	155	11.90	48.09	16	.08	7.0	3.1	LOI		2.1X	263	47
2004	OCT	21	0157	16.25	19	29.03	155	34.33	39.87	15	.13	1.1	2.3	DML	L	1.9X	69	2
2004	OCT	21	0224	18.49	19	26.34	155	34.04	43.22	15	.17	1.7	3.1	DML	L	1.8X	69	4
2004	OCT	21	0330	34.26	19	26.43	155	31.91	45.74	14	.07	1.3	1.8	DML	L	1.9X	111	6
2004	OCT	21	0333	47.91	19	19.57	155	22.42	32.40	31	.10	.9	1.3	DEP		1.6X	125	2
2004	OCT	21	0503	37.06	19	19.86	155	13.24	4.92	22	.12	.6	1.8	SSF		1.5X	140	5
2004	OCT	21	0519	44.28	19	26.92	155	36.44	45.69	18	.14	1.4	2.1	DML	L	2.3X	81	1
2004	OCT	21	0648	38.24	19	20.73	155	11.59	7.75	39	.12	.5	.6	SF3		1.9X	136	4
2004	OCT	21	0754	41.61	19	24.21	155	34.85	46.19	14	.12	2.1	1.9	DML	L	1.7X	88	5
2004	OCT	21	0940	44.75	19	27.34	155	34.38	47.87	20	.14	1.3	2.1	DML	L	2.2X	65	2
2004	OCT	21	1144	50.01	19	33.59	155	43.49	6.60	16	.08	1.1	2.2	KON		1.7X	220	7
2004	OCT	21	1233	4.60	19	24.93	155	35.46	43.98	23	.13	1.2	1.4	DML	L	2.3X	80	4
2004	OCT	21	1326	57.43	19	30.23	155	51.26	8.90	23	.19	2.0	.8	KON		1.7X	245	9
2004	OCT	21	1515	23.96	19	19.37	155	10.32	7.34	35	.08	.5	.6	SF3		1.8X	170	6
2004	OCT	21	1543	6.71	19	25.64	155	36.35	44.31	16	.10	1.1	1.6	DML	L	2.1X	72	3
2004	OCT	21	1717	35.97	19	27.06	155	34.61	40.88	16	.11	1.1	1.8	DML	L	1.9X	63	2
2004	OCT	21	1746	16.96	19	20.87	155	7.35	7.79	33	.12	.8	.7	SF4		1.7X	175	5
2004	OCT	21	1850	41.82	19	25.71	155	36.35	45.51	18	.17	1.4	2.0	DML	L	1.9X	73	3
2004	OCT	21	2000	19.96	19	20.49	155	12.33	8.38	27	.13	.6	.5	SF2		1.6X	132	4
2004	OCT	21	2229	34.11	19	24.13	155	36.62	46.16	20	.14	1.2	2.1	DML	L	2.4X	86	2
2004	OCT	22	0100	52.32	19	27.24	155	35.88	46.42	16	.13	1.1	1.9	DML	L	2.2X	62	1
2004	OCT	22	0307	38.88	19	20.75	155	29.76	8.34	20	.09	.4	1.1	KAO		1.1X	90	10
2004	OCT	22	0314	54.56	19	22.56	155	30.05	9.65	17	.07	.4	.9	KAO		1.3X	83	13
2004	OCT	22	0518	24.24	19	20.32	155	15.86	6.86	17	.08	.5	.9	SF1		1.1X	84	4
2004	OCT	22	0522	58.24	19	29.02	155	37.95	39.23	18	.06	.9	1.5	DML	L	2.3X	257	3
2004	OCT	22	0544	16.79	19	42.04	154	51.66</										

---ORIGIN TIME (HST)--- -LAT N--- --LON W---													---ORIGIN TIME (HST)--- -LAT N--- --LON W---																								
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN		
									KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS										KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS		
2004	OCT	22	1650	45.70	19	27.50	155	37.71	45.93	18	.15	1.4	2.2	DML	L	2.4X	100	3	2004	OCT	23	1328	1.52	19	30.55	155	35.38	49.84	20	.13	1.5	1.3	DML	L	2.2X	134	3
2004	OCT	22	1655	10.93	19	27.59	155	37.35	39.45	15	.14	1.4	2.1	DML	L	2.0X	188	2	2004	OCT	23	1443	5.06	19	27.08	155	36.12	46.53	22	.14	1.2	1.6	DML	L	2.4X	77	0
2004	OCT	22	1732	7.63	19	26.94	155	34.52	40.62	18	.11	.9	1.9	DML	L	2.0X	64	2	2004	OCT	23	1457	30.90	19	26.61	155	36.57	46.02	15	.12	1.9	1.4	DML	L	1.8X	82	1
2004	OCT	22	1900	28.24	19	28.49	155	36.07	35.69	13	.12	1.4	3.4	DML	L	2.1X	82	1	2004	OCT	23	1547	46.66	19	26.52	155	37.41	44.08	17	.12	1.3	2.0	DML	L	2.2X	90	2
2004	OCT	22	1945	14.74	19	26.09	155	36.03	42.86	21	.11	.9	1.8	DML	L	2.3X	71	2	2004	OCT	23	1550	50.86	19	23.77	155	17.06	9.97	25	.10	.5	.6	INT	L	1.6X	68	1
2004	OCT	22	1951	18.00	19	25.13	155	36.03	49.32	19	.13	1.2	1.8	DML	L	2.5X	76	3	2004	OCT	23	1629	54.02	19	26.41	155	37.66	45.23	30	.15	1.2	1.5	DML	L	2.6X	93	3
2004	OCT	22	2052	45.12	19	24.96	155	37.74	50.71	19	.16	1.1	1.3	DML	L	2.5X	116	5	2004	OCT	23	1751	51.49	19	30.55	155	40.33	44.33	12	.11	2.6	2.2	DML	L	2.4X	243	8
2004	OCT	22	2126	32.13	19	25.31	155	37.79	44.87	17	.10	1.1	1.6	DML	L	2.3X	96	2	2004	OCT	23	1832	5.26	19	26.20	155	36.88	45.14	23	.12	1.1	1.3	DML	L	2.4X	85	2
2004	OCT	22	2213	48.47	19	26.42	155	36.25	45.84	21	.09	1.0	1.5	DML	L	2.3X	79	2	2004	OCT	23	1951	22.98	19	28.54	155	36.33	47.32	20	.11	1.1	1.5	DML	L	2.1X	101	1
2004	OCT	22	2302	16.73	19	26.66	155	36.52	44.94	14	.12	1.5	2.1	DML	L	2.0X	158	1	2004	OCT	23	2023	27.57	19	26.59	155	33.04	35.98	20	.11	1.1	3.9	DML	L	2.3X	67	5
2004	OCT	22	2333	36.50	19	28.28	155	37.68	47.80	20	.12	1.0	1.6	DML	L	2.3X	100	3	2004	OCT	23	2123	16.74	19	27.76	155	30.66	27.00	13	.11	1.3	5.7	DML	L	1.9X	82	8
2004	OCT	22	2354	25.30	19	27.81	155	36.15	45.38	20	.12	1.0	1.8	DML	L	2.4X	76	1	2004	OCT	23	2127	20.88	19	25.29	155	19.67	7.77	41	.10	.3	.5	KAO	F	2.2X	46	3
2004	OCT	23	0043	58.41	19	28.34	155	36.91	49.33	20	.09	1.1	1.7	DML	L	2.4X	100	2	2004	OCT	23	2203	59.92	19	22.54	155	31.78	25.85	15	.10	1.1	4.7	DML	L	2.3X	152	11
2004	OCT	23	0123	59.88	19	26.51	155	36.26	47.12	19	.08	1.1	1.6	DML	L	2.1X	78	1	2004	OCT	23	2250	27.29	19	26.50	155	31.01	28.59	11	.13	2.2	9.5	DML	L	1.8X	88	8
2004	OCT	23	0144	5.60	19	27.80	155	37.62	49.77	20	.11	1.0	1.2	DML	L	2.0X	102	3	2004	OCT	23	2314	28.79	19	29.06	155	32.62	36.27	16	.09	1.1	2.5	DML	L	1.5X	110	5
2004	OCT	23	0204	47.86	19	28.35	155	37.59	44.91	21	.10	1.0	1.7	DML	L	2.1X	87	3	2004	OCT	23	2332	31.86	19	29.41	155	35.84	52.23	22	.13	1.5	1.3	DML	L	2.2X	107	0
2004	OCT	23	0205	9.77	19	25.66	155	34.94	40.61	19	.13	1.2	3.1	DML	L	2.4X	51	4	2004	OCT	24	0001	56.34	19	26.36	155	35.66	43.35	23	.12	1.1	1.6	DML	L	2.3X	68	2
2004	OCT	23	0214	11.54	19	20.68	155	5.99	6.55	18	.12	1.0	1.3	SF4		1.3X	186	6	2004	OCT	24	0022	42.81	19	28.07	155	34.91	45.88	21	.11	1.1	1.5	DML	L	2.4X	72	0
2004	OCT	23	0258	53.77	19	25.08	155	35.87	42.77	16	.14	1.4	2.0	DML	L	2.3X	77	4	2004	OCT	24	0035	6.16	19	19.53	155	13.68	32.73	36	.10	.7	.6	DEP		1.9X	107	5
2004	OCT	23	0320	38.06	19	27.47	155	33.58	50.19	14	.09	1.5	2.7	DML	L	2.3X	76	3	2004	OCT	24	0147	13.38	19	26.46	155	35.41	40.65	25	.09	1.1	1.6	DML	L	2.4X	72	2
2004	OCT	23	0330	6.56	19	25.33	155	34.88	48.99	13	.10	1.7	2.1	DML	L	1.8X	118	4	2004	OCT	24	0226	34.17	19	27.89	155	33.49	43.89	16	.12	1.3	2.6	DML	L	1.9X	85	3
2004	OCT	23	0345	57.85	19	26.50	155	37.24	47.23	17	.16	1.4	2.0	DML	L	2.1X	89	2	2004	OCT	24	0247	53.12	19	27.65	155	33.46	40.63	23	.13	1.1	3.3	DML	L	2.5X	61	3
2004	OCT	23	0346	30.39	19	26.42	155	37.85	47.25	18	.15	1.3	1.7	DML	L	2.2X	96	3	2004	OCT	24	0343	36.35	19	26.99	155	33.92	45.47	21	.12	1.2	1.6	DML	L	2.4X	65	3
2004	OCT	23	0403	2.39	19	26.98	155	34.01	47.00	16	.12	1.5	2.0	DML	L	1.9X	103	3	2004	OCT	24	0437	4.20	19	28.38	155	36.08	49.27	24	.13	1.1	1.3	DML	L	2.5X	75	2
2004	OCT	23	0455	17.36	19	27.42	155	38.27	43.46	26	.17	1.0	1.9	DML	L	2.5X	98	3	2004	OCT	24	0453	16.34	19	25.02	155	19.40	5.28	22	.10	.4	.8	KAO		1.3X	80	2
2004	OCT	23	0503	13.89	19	25.12	155	37.47	46.74	20	.19	1.4	2.3	DML	L	2.2X	91	2	2004	OCT	24	0514	16.52	19	26.59	155	36.89	49.98	21	.12	1.2	1.6	DML	L	2.1X	84	2
2004	OCT	23	0508	22.31	19	21.07	155	4.29	8.69	36	.10	.7	.4	SF5		2.3X	193	6	2004	OCT	24	0544	16.63	19	28.14	155	36.42	46.44	24	.12	1.1	1.5	DML	L	2.3X	78	2
2004	OCT	23	0534	16.27	19	25.48	155	36.64	42.76	15	.12	1.4	1.8	DML	L	1.8X	107	3	2004	OCT	24	0622	47.31	19	29.11	155	36.98	48.36	21	.12	1.2	1.4	DML	L	2.2X	125	2
2004	OCT	23	0619	7.61	19	25.50	155	37.28	43.19	18	.13	1.3	1.9	DML	L	2.4X	89	2	2004	OCT	24	0701	0.21	19	27.00	155	35.72	53.47	17	.09	1.4	1.8	DML	L	2.0X	74	1
2004	OCT	23	0624	19.47	19	26.11	155	34.15	44.47	16	.09	1.3	2.0	DML	L	1.9X	70	4	2004	OCT	24	0708	57.60	19	27.54	155	35.33	52.02	24	.13	1.6	1.4	DML	L	2.3X	59	1
2004	OCT	23	0627	31.44	19	26.85	155	34.07	40.49	29	.11	.6	1.2	DML	L	2.8X	46	3	2004	OCT	24	0726	17.92	19	26.72	155	35.97	38.69	20	.10	1.1	2.1	DML	L	2.1X	76	1
2004	OCT	23	0718	17.09	19	24.94	155	36.41	44.52	19	.12	1.2	1.8	DML	L	1.9X	115	3	2004	OCT	24	0738	7.12	19	26.98	155	34.59	41.98	27	.11	1.0	1.5	DML	L	2.6X	63	2
2004	OCT	23	0720	2.74	19	26.87	155	34.47	41.42	17	.11	1.4	3.0	DML	L	2.0X	65	3	2004	OCT	24	0804	59.60	19	26.97	155	37.02	46.51	19	.11	1.2	1.7	DML	L	2.0X	89	1
2004	OCT	23	0722	3.38	19	20.41	155	13.06	6.95	21	.10	.5	.8	SF2		1.3X	138	4	2004	OCT	24	0823	6.77	19	26.02	155	39.70	50.78	24	.11	1.2	1.7	DML	L	2.7X	123	5
2004	OCT	23	0749	13.91	19	26.88	155	34.63	45.34	22	.10	1.0	1.9	DML	L	2.2X	53	2	2004	OCT	24	0845	0.43	19	31.76	155	16.77	22.40	41	.08	.4	.8	DEP		1.5X	62	7
2004	OCT	23	0822	59.65	19	28.46	155	36.11	47.51	16	.08	1.3	2.3	DML	L	2.0X	85	2	2004	OCT	24	0851	52.88	19	26.86	155	33.05	37.24	14	.11	1.3	5.2	DML	L	1.6X	69	4
2004	OCT	23	0858	56.49	19	26.63	155	32.22	31.66	16	.12	1.1	3.2	DML	L	2.3X	69	6	2004	OCT	24	0910	57.05	19	28.99	155	33.94	36.77	21	.11	1.0	1.5	DML	L	2.1X	112	2
2004	OCT	23	0943	53.79	19	27.02	155	35.55	39.96	20	.11	1.0	1.7	DML	L	2.5X	70	1	2004	OCT	24	0955	29.61	19	26.73	155	34.90	42.71	22	.11	.9	1.6	DML	L	2.6X	65	3
2004	OCT	23	1113	23.31	19	26.45	155	35.18	45.18	15	.11	1.9	1.8	DML	L	1.9X	105	2	2004	OCT	24	1051	47.70	19	27.47	155	35.91	44.85	18	.10	1.2	1.8	DML	L	2.0X	69	1
2004	OCT	23	1127	25.48	20	7.42	156	20.6																													

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	24	1434	9.91	19	26.94	155	33.26	42.16	16	.08	1.3	2.6	DML	L	2.0X	69	4
2004	OCT	24	1512	43.45	19	27.32	155	37.62	49.95	23	.13	1.3	1.5	DML	L	2.5X	98	2
2004	OCT	24	1620	3.92	19	26.09	155	37.00	47.69	17	.10	1.4	2.0	DML	L	2.0X	86	2
2004	OCT	24	1657	14.61	19	26.58	155	34.50	46.13	15	.07	1.2	2.3	DML	L	1.8X	66	3
2004	OCT	24	1717	46.29	19	27.91	155	36.11	40.53	14	.11	1.4	3.5	DML	L	1.8X	79	1
2004	OCT	24	1734	54.75	19	27.07	155	37.93	45.75	16	.12	1.4	2.2	DML	L	2.4X	96	3
2004	OCT	24	1837	26.29	19	27.23	155	35.80	42.03	22	.12	.8	1.6	DML	L	2.3X	62	1
2004	OCT	24	2010	38.55	19	40.13	155	5.26	38.89	23	.09	1.0	2.2	HIL		1.7X	106	7
2004	OCT	24	2018	12.18	19	24.84	155	34.65	37.76	15	.13	1.9	3.7	DML	L	2.4X	81	5
2004	OCT	24	2119	59.62	19	27.73	155	35.41	46.23	23	.12	.9	1.5	DML	L	2.1X	56	1
2004	OCT	24	2151	48.80	19	18.00	155	13.27	8.86	41	.11	.5	.4	SF2		1.9X	130	2
2004	OCT	24	2221	10.29	19	27.74	155	37.05	44.96	17	.16	1.3	2.5	DML	L	2.1X	84	2
2004	OCT	24	2312	28.53	19	21.43	155	19.92	30.64	19	.10	1.0	1.2	DEP	F	1.8X	77	6
2004	OCT	24	2319	18.92	19	27.32	155	37.19	44.75	17	.11	1.1	1.3	DML	L	2.5X	98	2
2004	OCT	25	0131	23.15	19	27.63	155	37.00	45.26	17	.11	1.4	2.0	DML	L	2.3X	100	1
2004	OCT	25	0312	15.25	19	26.27	155	37.39	43.69	20	.11	1.0	1.6	DML	L	2.2X	90	3
2004	OCT	25	0406	11.19	19	26.92	155	36.24	42.99	16	.13	1.3	2.0	DML	L	1.8X	78	1
2004	OCT	25	0438	50.48	19	25.26	155	34.59	46.27	17	.13	1.3	2.1	DML	L	2.2X	77	5
2004	OCT	25	0529	18.76	19	26.85	155	34.61	40.89	25	.13	.9	1.8	DML	L	2.5X	54	3
2004	OCT	25	0610	34.17	19	27.54	155	33.11	40.27	11	.10	2.110.2		DML	L	1.5X	80	4
2004	OCT	25	0721	12.90	19	28.23	155	35.02	46.74	20	.12	1.2	2.0	DML	L	2.5X	69	0
2004	OCT	25	0903	18.32	19	26.65	155	32.73	31.41	17	.14	2.5	7.5	DML	L	2.3X	90	5
2004	OCT	25	1038	47.42	19	28.95	155	34.97	44.10	21	.14	1.1	1.7	DML	L	2.0X	106	1
2004	OCT	25	1139	40.55	19	27.53	155	30.44	34.96	16	.12	1.2	4.3	DML	L	2.5X	79	8
2004	OCT	25	1219	46.27	19	9.19	155	24.95	41.55	25	.08	1.1	1.6	LOI		1.8X	267	14
2004	OCT	25	1317	43.40	19	28.69	155	32.46	49.52	21	.11	1.1	1.6	DML	L	2.5X	101	5
2004	OCT	25	1434	46.88	19	27.39	155	35.44	48.75	24	.14	1.2	1.5	DML	L	2.3X	60	2
2004	OCT	25	1604	49.70	19	19.59	155	12.32	4.86	30	.13	.5	2.0	SSF		1.4X	172	5
2004	OCT	25	1644	7.92	19	27.78	155	35.09	55.01	22	.16	1.7	1.3	DML	L	2.6X	58	1
2004	OCT	25	1828	0.16	19	26.54	155	37.98	44.25	24	.15	1.2	1.7	DML	L	2.3X	98	4
2004	OCT	25	1920	54.79	19	20.05	155	8.70	8.14	30	.10	.6	.7	SF4		1.6X	176	6
2004	OCT	25	2026	32.56	19	25.55	155	35.81	45.95	19	.16	1.5	2.4	DML	L	2.2X	73	4
2004	OCT	25	2123	54.72	19	25.58	155	29.97	10.07	24	.06	.3	1.5	KAO		1.2X	66	13
2004	OCT	25	2125	37.12	19	26.70	155	34.05	38.83	15	.10	1.2	1.7	DML	L	1.7X	88	6
2004	OCT	25	2158	42.58	19	23.05	155	14.98	3.31	19	.05	.4	.4	SEC		1.5X	111	2
2004	OCT	25	2232	2.74	19	27.60	155	36.03	48.96	24	.19	1.6	1.5	DML	L	2.5X	73	1
2004	OCT	26	0006	36.66	19	28.05	155	34.96	52.12	19	.11	1.4	1.5	DML	L	2.5X	62	0
2004	OCT	26	0231	2.71	19	27.66	155	36.23	53.83	22	.14	1.3	1.3	DML	L	2.5X	80	1
2004	OCT	26	0726	12.29	19	26.15	155	34.68	42.75	19	.13	1.1	1.9	DML	L	2.5X	70	3
2004	OCT	26	0840	4.13	19	24.80	155	35.46	46.65	20	.14	1.2	1.8	DML	L	2.2X	81	4
2004	OCT	26	1023	59.42	19	25.85	155	37.15	51.65	16	.11	2.2	1.3	DML	L	1.8X	97	3
2004	OCT	26	1137	40.63	19	14.37	155	16.51	26.65	20	.11	1.3	1.9	DEP		1.7X	227	7
2004	OCT	26	1224	14.10	19	28.53	155	33.64	45.53	22	.13	1.2	2.0	DML	L	2.3X	99	3
2004	OCT	26	1350	41.91	19	25.75	155	36.44	47.95	17	.19	1.8	3.2	DML	L	1.9X	76	3
2004	OCT	26	1529	16.97	19	26.13	155	35.82	46.74	22	.12	1.1	1.6	DML	L	2.3X	68	2

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	OCT	26	1723	19.30	19	28.40	155	33.79	57.35	22	.10	1.1	1.2	DML	L	2.3X	93	2
2004	OCT	26	1936	13.42	19	24.44	154	57.54	4.35	39	.12	.8	.6	SLE		2.5X	209	2
2004	OCT	26	2016	34.78	19	30.24	155	35.25	45.57	20	.16	1.3	2.0	DML	L	2.6X	111	2
2004	OCT	26	2227	53.40	19	29.17	155	34.84	41.58	23	.12	1.1	1.5	DML	L	2.1X	71	2
2004	OCT	27	0058	24.50	19	25.32	155	19.61	6.77	20	.11	.5	1.0	KAO		1.1X	97	3
2004	OCT	27	0113	58.92	19	28.68	155	37.22	43.72	20	.11	1.0	1.2	DML	L	1.8X	103	2
2004	OCT	27	0154	36.99	19	28.95	155	38.11	49.58	26	.10	1.1	1.2	DML	L	2.5X	89	4
2004	OCT	27	0343	31.52	20	7.10	156	48.42	33.30	24	.11	1.4	4.1	DIS		2.8X	313107	
2004	OCT	27	0350	27.28	19	28.05	155	34.16	50.97	22	.13	1.2	1.8	DML	L	2.3X	83	2
2004	OCT	27	0527	48.38	19	59.67	155	32.09	38.19	21	.09	.9	1.5	KEA		2.0X	178	20
2004	OCT	27	0649	26.87	19	29.24	155	36.86	44.43	22	.10	1.0	1.4	DML	L	2.3X	127	2
2004	OCT	27	0929	12.80	19	22.99	155	14.63	3.63	19	.08	.4	.4	SEC		1.6X	114	2
2004	OCT	27	0953	0.35	19	28.15	155	37.95	42.96	22	.09	1.0	1.4	DML	L	2.5X	117	3
2004	OCT	27	1123	21.88	19	28.10	155	39.97	39.21	21	.14	1.1	1.6	DML	L	1.9X	117	7
2004	OCT	27	1315	10.14	19	29.27	155	33.05	47.60	15	.10	1.5	1.7	DML	L	1.9X	110	4
2004	OCT	27	1448	32.98	19	27.04	155	35.56	50.53	25	.07	1.3	1.0	DML	L	2.5X	69	1
2004	OCT	27	1659	8.48	19	28.41	155	34.49	51.52	17	.10	1.4	1.6	DML	L	2.1X	90	1
2004	OCT	27	1915	59.27	19	27.89	155	33.68	54.63	23	.12	1.4	1.3	DML	L	2.5X	84	2
2004	OCT	27	2104	50.16	19	27.52	155	33.83	46.61	17	.13	1.5	2.0	DML	L	1.8X	75	2
2004	OCT	27	2353	15.74	19	26.18	155	31.73	30.53	19	.12	1.0	3.7	DML	L	2.3X	81	7
2004	OCT	28	0107	29.01	19	26.78	155	18.95	6.04	21	.11	.5	.9	INT		1.1X	86	3
2004	OCT	28	0254	38.11	19	31.38	155	34.61	56.23	16	.12	2.3	1.8	DML	L	1.8X	194	5
2004	OCT	28	0426	54.72	19	28.74	155	36.47	52.51	25	.13	1.5	1.1	DML	L	2.5X	77	1
2004	OCT	28	0717	38.78	19	28.12	155	34.99	49.67	15	.15	1.6	2.1	DML	L	2.0X	73	0
2004	OCT	28	0734	30.58	19	25.47	155	24.87	10.75	19	.10	.4	1.5	KAO		1.3X	55	8
2004	OCT	28	0901	46.51	19	29.04	155	27.84	6.20	18	.09	.4	2.2	KAO		1.3X	83	5
2004	OCT	28	0936	22.27	19	27.22	155	32.94	45.18	22	.11	1.1	1.6	DML	L	2.5X	75	4
2004	OCT	28	1341	42.52	19	29.43	155	36.00	50.36	19	.10	1.5	1.1	DML	L	2.0X	126	0
2004	OCT	28	1529	49.90	19	28.29	155	33.17	48.55	24	.17	1.4	1.7	DML	L	2.4X	94	3
2004	OCT	28	2208	53.91	19	26.71	155	36.85	49.18	23	.14	1.2	1.5	DML	L	2.5X	85	1
2004	OCT	29	0056	52.37	19	28.06	155	36.04	49.79	19	.11	1.4	1.3	DML	L	2.2X	77	2
2004	OCT	29	0519	50.91	19	28.89	155	33.91	50.56	24	.12	1.0	1.3	DML				

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	OCT	30	0435	11.33	19	12.51	155	27.33	9.25	31	.14	.6	.9	LSW	1.9X	152	7
2004	OCT	30	0442	11.00	19	12.87	155	27.50	8.74	33	.14	.8	.8	LSW	2.0X	150	6
2004	OCT	30	0654	9.83	19	27.04	155	38.23	41.77	22	.18	1.1	2.0	DML L	2.3X	98	3
2004	OCT	30	1008	48.82	19	28.62	155	34.80	49.18	17	.12	1.4	1.8	DML L	2.0X	93	1
2004	OCT	30	1028	25.50	19	22.04	155	27.66	9.35	41	.13	.4	.8	KAO	1.8X	84	8
2004	OCT	30	1248	40.06	19	40.74	156	6.30	41.54	15	.09	2.0	2.6	HUA	1.7X	299	40
2004	OCT	30	1326	49.13	19	27.18	155	36.42	48.72	21	.10	1.2	1.5	DML L	2.1X	80	0
2004	OCT	30	1931	22.89	19	20.26	155	7.83	9.48	38	.08	.6	.5	SF4	2.2X	179	6
2004	OCT	30	2013	46.39	19	15.82	155	12.91	9.88	27	.10	1.7	.9	SF2	1.4X	213	2
2004	OCT	30	2238	30.67	19	30.19	155	35.04	54.99	27	.11	1.3	1.0	DML L	2.9X	76	2
2004	OCT	31	0303	38.81	19	27.80	155	35.66	52.21	23	.12	1.3	1.4	DML L	2.5X	63	1
2004	OCT	31	0657	3.66	19	20.55	155	7.00	9.09	36	.09	.5	.5	SF4	1.3X	182	5
2004	OCT	31	0727	40.16	19	27.91	155	37.13	50.06	15	.12	1.8	2.3	DML L	2.2X	194	2
2004	OCT	31	0950	27.50	19	26.33	155	35.49	32.54	12	.09	2.5	5.2	DML L	1.9X	105	2
2004	OCT	31	1125	28.79	19	27.06	155	35.24	48.79	17	.12	1.4	1.4	DML L	1.8X	98	2
2004	OCT	31	1320	21.10	19	27.37	155	36.58	49.84	18	.14	1.8	2.3	DML L	2.6X	86	1
2004	OCT	31	1525	17.78	19	21.48	155	11.11	2.17	16	.07	.4	.5	SER	1.3X	141	3
2004	OCT	31	1655	16.64	19	20.18	155	13.16	5.93	30	.11	.4	1.0	SF2	1.3X	122	4
2004	OCT	31	2051	20.34	19	26.77	155	36.22	48.31	24	.14	1.2	1.6	DML L	2.4X	78	1
2004	OCT	31	2301	52.16	19	13.10	155	30.38	33.59	24	.07	1.1	1.4	DLS	1.4X	237	4
2004	NOV	1	0158	10.70	19	11.70	155	28.99	32.12	30	.07	.6	1.3	DLS	1.8X	151	7
2004	NOV	1	0216	27.33	19	20.23	155	11.83	8.76	41	.09	.4	.4	SF3	2.0X	138	5
2004	NOV	1	0303	16.74	19	27.20	155	34.10	50.57	18	.12	1.6	1.6	DML L	2.2X	67	2
2004	NOV	1	0604	2.21	19	26.53	155	35.33	42.23	18	.11	1.1	1.8	DML L	1.9X	81	2
2004	NOV	1	0931	26.33	19	26.28	155	37.75	13.00	23	.11	.6	.9	MLO	1.3X	94	3
2004	NOV	1	1004	51.54	19	28.59	155	34.74	53.06	25	.10	1.2	1.2	DML L	2.6X	93	1
2004	NOV	1	1239	26.16	19	19.64	155	7.48	6.87	33	.11	.7	1.0	SF4	1.6X	190	7
2004	NOV	1	1425	25.41	19	25.80	155	37.23	2.96	24	.13	.4	.5	MLO	1.8X	89	3
2004	NOV	1	1604	7.83	19	27.63	155	34.58	42.20	21	.09	1.0	1.7	DML L	2.2X	68	1
2004	NOV	1	2040	22.08	18	54.97	155	14.88	12.78	26	.13	1.7	1.4	LOI	1.8X	251	41
2004	NOV	1	2220	21.33	19	23.29	155	16.93	3.08	13	.06	.6	.4	SSC	1.1X	105	0
2004	NOV	1	2240	59.18	19	27.30	155	35.37	45.03	25	.12	1.0	1.6	DML L	2.5X	60	2
2004	NOV	1	2242	5.71	19	21.56	155	28.49	9.33	35	.08	.4	1.0	KAO	1.6X	83	9
2004	NOV	1	2323	47.11	19	21.61	155	28.24	11.15	24	.08	.4	1.2	KAO	1.2X	85	9
2004	NOV	2	0043	44.87	19	22.23	155	12.98	3.61	23	.09	.4	.4	SER	1.8X	108	1
2004	NOV	2	0108	19.51	19	21.67	155	6.12	11.14	28	.08	.7	.5	SF4	1.5X	174	4
2004	NOV	2	0223	5.48	19	28.32	155	36.64	53.11	18	.13	1.6	1.9	DML L	1.5X	107	2
2004	NOV	2	0341	49.75	19	20.13	155	8.12	5.38	29	.09	.5	1.4	SF4	1.3X	179	6
2004	NOV	2	0456	48.88	19	24.29	155	2.53	3.45	39	.11	.5	.6	SME	2.0X	160	3
2004	NOV	2	0519	28.57	19	32.15	155	36.71	55.85	16	.14	2.2	1.5	DML L	2.4X	222	5
2004	NOV	2	0533	26.08	19	14.88	155	12.61	46.52	30	.09	1.0	.9	DEP	1.6X	211	4
2004	NOV	2	0931	11.74	19	12.94	155	15.28	43.37	25	.12	1.4	1.4	DEP	1.5X	253	8
2004	NOV	2	0931	28.16	19	12.32	155	16.89	49.94	26	.10	1.3	1.3	DEP	1.8X	249	11
2004	NOV	2	0932	32.21	19	11.40	155	15.03	49.24	24	.15	1.5	1.7	DEP	1.9X	263	11
2004	NOV	2	0934	8.00	19	13.36	155	18.04	41.55	26	.07	1.0	1.4	DEP	1.4X	230	9

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2004	NOV	2	0936	56.93	19	19.27	155	7.74	5.21	27	.11	.7	2.3	SF4	1.4X	214	7
2004	NOV	2	1135	9.75	19	12.14	155	41.50	0.04	21	.15	.7	.3	LSW	1.8X	174	17
2004	NOV	2	1158	34.44	19	28.52	155	36.06	48.89	25	.11	1.0	1.2	DML L	2.5X	82	3
2004	NOV	2	1241	40.21	19	25.51	155	19.54	3.67	25	.07	.4	.5	KAO	1.5X	132	1
2004	NOV	2	1245	9.47	19	25.67	155	19.15	5.08	26	.14	.5	1.0	KAO	1.5X	89	3
2004	NOV	2	1302	33.40	19	25.35	155	19.49	3.99	21	.09	.4	.6	KAO	1.4X	127	3
2004	NOV	2	1303	0.44	19	25.74	155	19.78	2.38	22	.12	.4	.5	KAO	1.5X	138	4
2004	NOV	2	1311	36.44	19	25.76	155	19.25	3.96	30	.11	.4	.6	KAO	1.5X	91	3
2004	NOV	2	1316	7.68	19	25.34	155	19.46	3.87	27	.07	.3	.5	KAO	1.5X	127	3
2004	NOV	2	1319	26.83	19	25.76	155	19.19	3.89	26	.11	.4	.6	KAO	1.4X	90	3
2004	NOV	2	1327	39.37	19	25.97	155	19.09	4.14	26	.11	.4	.6	KAO	1.5X	97	3
2004	NOV	2	1344	19.19	19	25.91	155	19.15	3.86	21	.11	.4	.6	KAO	1.4X	114	3
2004	NOV	2	1405	40.46	19	25.67	155	19.21	4.63	24	.08	.4	.8	KAO	1.6X	89	3
2004	NOV	2	1420	21.80	19	25.77	155	18.92	5.01	30	.13	.4	.8	INT	1.7X	88	2
2004	NOV	2	1425	5.98	19	25.59	155	19.09	4.78	31	.10	.4	.7	KAO	1.6X	87	3
2004	NOV	2	1425	43.75	19	25.46	155	19.31	4.27	26	.12	.4	.7	KAO	1.2X	87	3
2004	NOV	2	1427	59.68	19	25.67	155	19.13	4.48	30	.11	.4	.7	KAO	1.5X	88	3
2004	NOV	2	1455	31.23	19	25.66	155	19.04	4.80	33	.10	.4	.7	KAO	1.9X	87	3
2004	NOV	2	1455	43.57	19	25.78	155	18.92	5.77	32	.10	.4	.7	INT	2.3X	88	2
2004	NOV	2	1456	36.06	19	25.84	155	19.15	3.70	22	.08	.4	.5	KAO	1.3X	94	3
2004	NOV	2	1459	58.26	19	25.60	155	18.99	4.89	34	.10	.4	.7	SNC	2.1X	53	2
2004	NOV	2	1519	20.95	19	25.64	155	19.05	5.15	31	.10	.4	.8	KAO	1.8X	87	3
2004	NOV	2	1520	18.98	19	25.60	155	19.38	3.44	24	.10	.4	.6	KAO	1.2X	89	3
2004	NOV	2	1528	34.00	19	25.66	155	19.12	5.37	30	.11	.4	.8	KAO	1.6X	88	3
2004	NOV	2	1601	51.26	19	25.63	155	19.14	4.02	27	.13	.4	.6	KAO	1.5X	88	3
2004	NOV	2	1602	29.16	19	25.63	155	19.03	4.68	26	.12	.4	.8	KAO	1.4X	86	3
2004	NOV	2	1633	39.60	19	25.71	155	19.09	5.08	19	.12	.5	1.0	KAO	1.2X	92	3
2004	NOV	2	1656	20.53	19	25.32	155	19.53	4.27	26	.08	.4	.6	KAO	1.4X	125	3
2004	NOV	2	1712	48.41	19	26.75	155	34.79	47.04	21	.13	1.2	1.7	DML L	2.2X	65	3
2004	NOV	2	1958	12.89	19	27.41	155	26.00	8.80	38	.13	.4	.9	KAO	1.8X	50	6
2004	NOV	2	2119	26.59	19	25.35	155	19.70	2.96	18	.09	.4	.6	KAO	1.2X	86	3
2004	NOV	2	2127	39.81	19	27.44	155	36.10	47.04	21	.10	1.1	1.6	DML L	2.4X	64	0
2004	NOV	3	0014	3.34	19	23.10	155	17.21	2.19	12	.09	.4	.4	SSC	1.0X	125	1
2004	NOV	3	0341	44.85	19	16.63	155	33.89	0.02	17	.16	1.3	1.0	LSW #	1.8X	197	7
2004	NOV	3	0355	47.22	19	28.83	155	36.54	52.22	22	.18	1.7	1.6	DML L	2.3X	121	1
2004	NOV	3															

YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
---	ORIGIN	TIME	(HST)	--	-LAT	N--	--	-LON	W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	4	0300	39.76	19	23.96	155	2.61	3.22	38	.10	.6	.5	SME	2.3X	165	3	
2004	NOV	4	0325	9.02	20	5.30	155	36.41	26.03	41	.09	.8	1.5	KOH F	2.2X	201	19	
2004	NOV	4	0402	55.50	19	29.18	155	37.49	54.27	18	.15	1.7	1.7	DML L	2.3X	108	3	
2004	NOV	4	0438	30.24	19	21.37	155	26.05	16.75	15	.09	.6	1.8	DML	1.5X	97	5	
2004	NOV	4	0446	20.30	19	20.99	155	3.96	6.66	36	.13	.7	.6	SF5	1.7X	196	6	
2004	NOV	4	0613	52.12	19	16.39	155	27.25	10.09	32	.13	.5	.8	LSW	1.4X	129	6	
2004	NOV	4	0910	53.73	19	25.95	155	33.50	48.58	27	.13	1.4	1.2	DML L	2.6X	71	5	
2004	NOV	4	1022	20.10	19	20.20	155	30.84	11.79	25	.10	.5	1.7	KAO	1.4X	106	10	
2004	NOV	4	1513	1.30	19	27.14	155	28.92	11.38	25	.06	.4	1.4	KAO	1.4X	71	9	
2004	NOV	4	1703	16.18	19	27.95	155	34.12	50.11	19	.12	1.2	1.8	DML L	2.3X	82	2	
2004	NOV	4	2037	23.30	19	27.37	155	35.08	51.02	16	.14	2.3	1.8	DML L	2.1X	97	1	
2004	NOV	4	2045	14.09	19	27.75	155	35.27	51.26	16	.07	1.3	1.7	DML L	1.6X	93	1	
2004	NOV	5	0027	7.43	19	28.89	155	34.45	45.68	23	.11	1.0	1.3	DML L	2.3X	108	2	
2004	NOV	5	0407	15.78	19	20.19	155	6.54	8.37	29	.11	.6	.6	SF4	1.5X	189	6	
2004	NOV	5	0726	17.16	19	26.03	155	34.17	41.88	23	.08	1.0	1.5	DML L	2.1X	71	4	
2004	NOV	5	1127	22.19	19	23.20	155	14.81	3.35	14	.06	.5	.5	SEC	1.5X	145	2	
2004	NOV	5	1152	28.30	19	26.55	155	35.80	49.59	15	.08	1.4	2.0	DML L	2.2X	72	2	
2004	NOV	5	1840	24.02	19	27.10	155	30.10	12.21	17	.08	.6	2.1	KAO	1.5X	103	9	
2004	NOV	5	1922	9.87	19	25.54	155	36.18	49.30	26	.15	1.0	1.5	DML L	2.6X	71	3	
2004	NOV	5	1941	24.91	19	26.83	155	30.63	13.51	17	.09	.5	.9	DML	1.5X	106	8	
2004	NOV	5	1953	20.52	19	26.67	155	30.38	12.12	15	.08	.5	1.8	KAO	1.4X	108	9	
2004	NOV	6	0226	27.45	19	23.18	155	14.74	3.62	22	.10	.3	.4	SEC	1.6X	104	2	
2004	NOV	6	0252	47.08	19	25.15	155	37.52	41.40	20	.10	.9	1.5	DML L	2.2X	92	2	
2004	NOV	6	0256	6.19	19	23.26	155	16.96	2.52	15	.07	.4	.3	SSC	1.2X	114	0	
2004	NOV	6	0555	31.15	19	29.72	155	6.70	12.20	26	.11	.5	.9	GLN	1.5X	92	11	
2004	NOV	6	0622	55.28	19	19.37	155	10.12	8.24	16	.06	.8	1.3	SF3	1.3X	204	6	
2004	NOV	6	0745	34.48	19	21.89	155	2.35	8.22	14	.11	1.2	.7	SF5	1.5X	196	5	
2004	NOV	6	0806	26.20	19	19.33	155	29.32	7.65	20	.08	.4	1.2	KAO	1.5X	93	8	
2004	NOV	6	1147	3.50	19	27.84	155	35.71	47.91	27	.10	1.0	1.1	DML L	2.5X	65	1	
2004	NOV	6	1435	40.03	19	20.17	155	5.73	5.95	28	.13	.8	1.6	SF4	1.6X	194	7	
2004	NOV	6	1934	4.90	19	21.46	155	4.13	7.13	27	.10	.7	.8	SF5	1.4X	190	5	
2004	NOV	6	2035	5.96	19	21.80	155	30.34	8.49	24	.08	.4	1.0	KAO	1.4X	90	12	
2004	NOV	6	2128	33.48	19	24.39	155	29.67	11.06	33	.07	.4	1.0	KAO	1.6X	71	12	
2004	NOV	6	2258	21.15	19	27.14	155	37.23	41.76	25	.11	1.1	1.4	DML L	2.3X	88	2	
2004	NOV	7	0256	30.04	19	28.34	156	5.79	45.50	21	.11	1.6	1.5	KON	1.8X	266	35	
2004	NOV	7	0309	33.17	19	27.13	155	34.09	51.51	21	.10	1.1	1.4	DML L	1.8X	63	2	
2004	NOV	7	0327	4.90	19	34.47	155	42.20	8.11	14	.08	.5	2.1	MLO	1.4X	146	10	
2004	NOV	7	0959	51.21	19	27.39	155	35.02	45.23	24	.11	1.1	1.5	DML L	2.7X	60	1	
2004	NOV	7	1004	47.55	19	20.30	155	9.90	7.25	32	.10	.5	.8	SF3	1.7X	173	5	
2004	NOV	7	1110	2.38	19	18.01	155	45.85	6.83	32	.13	.7	1.4	KON	1.9X	179	12	
2004	NOV	7	1253	5.35	19	25.46	155	25.11	6.57	19	.11	.4	2.9	KAO	1.2X	52	9	
2004	NOV	7	1305	17.90	19	35.74	155	35.78	14.13	19	.10	.9	.5	KEA	1.5X	153	12	
2004	NOV	7	1416	59.35	19	25.45	155	26.77	8.84	24	.10	.5	2.0	KAO	1.5X	106	10	
2004	NOV	7	1615	22.67	19	29.56	155	35.19	49.79	19	.12	1.7	1.3	DML L	2.2X	124	1	
2004	NOV	7	1616	29.22	19	19.67	155	19.11	3.58	21	.10	.3	.7	SWR	1.1X	111	3	

YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
---	ORIGIN	TIME	(HST)	--	-LAT	N--	--	-LON	W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	7	1854	51.02	19	16.70	155	13.45	6.36	26	.11	.7	1.1	SF2	1.5X	238	1	
2004	NOV	7	1902	57.97	19	19.80	155	10.68	7.47	39	.11	.5	.6	SF3	1.8X	160	6	
2004	NOV	8	0029	55.63	19	27.51	155	36.12	45.84	25	.12	1.0	1.4	DML L	2.5X	75	1	
2004	NOV	8	0139	16.01	19	17.71	155	13.20	10.33	39	.10	.6	.5	SF2	2.0X	200	9	
2004	NOV	8	0155	10.85	19	17.13	155	13.12	6.33	27	.11	.6	.9	SF2	1.3X	203	1	
2004	NOV	8	0214	14.38	19	17.00	155	12.81	8.80	40	.12	.4	.5	SF2	1.9X	178	1	
2004	NOV	8	0221	37.25	19	22.01	155	29.21	10.23	19	.08	.4	2.0	KAO	1.4X	79	11	
2004	NOV	8	0407	11.46	19	16.70	155	12.38	8.89	20	.10	1.1	.7	SF2	1.6X	247	2	
2004	NOV	8	0505	47.82	19	28.81	155	37.00	43.99	13	.07	1.5	1.6	DML L	2.2X	122	2	
2004	NOV	8	0711	39.52	19	24.67	155	16.53	7.88	22	.14	.6	.6	INT L	1.5X	109	1	
2004	NOV	8	0737	9.01	19	26.70	155	35.52	46.98	19	.14	1.4	2.1	DML L	2.3X	69	2	
2004	NOV	8	0907	40.60	19	19.89	155	28.73	0.69	24	.08	.3	.4	KAO	1.2X	95	9	
2004	NOV	8	1104	22.71	19	18.59	155	45.80	10.76	45	.10	.6	.3	KON F	3.5X	178	11	
2004	NOV	8	1122	32.93	19	18.68	155	46.51	10.95	31	.09	.8	.4	KON	1.9X	199	12	
2004	NOV	8	1408	52.89	19	27.27	155	34.05	49.40	23	.10	1.1	1.4	DML L	2.1X	63	2	
2004	NOV	8	1434	33.01	19	18.79	155	13.09	6.28	29	.12	.5	1.1	SF2	1.5X	144	3	
2004	NOV	8	1529	51.34	19	28.97	155	34.92	52.02	17	.14	2.1	1.6	DML L	2.0X	108	2	
2004	NOV	8	1828	13.26	19	28.60	155	36.42	52.38	12	.07	2.3	1.6	DML L	1.7X	185	1	
2004	NOV	8	1831	59.53	19	48.49	156	11.38	36.71	32	.11	1.2	2.2	HUA	2.2X	278	55	
2004	NOV	8	1914	19.69	19	27.01	155	35.95	44.15	19	.07	1.1	1.4	DML L	2.0X	95	1	
2004	NOV	8	1926	46.57	19	17.59	155	19.64	7.38	29	.12	.5	1.0	SWR	1.4X	161	2	
2004	NOV	8	2015	12.53	19	26.37	155	36.68	47.86	17	.10	1.3	1.6	DML L	2.0X	159	2	
2004	NOV	8	2148	51.89	19	29.21	155	34.35	44.31	25	.13	1.0	1.2	DML L	2.8X	70	2	
2004	NOV	8	2243	1.68	19	26.41	155	36.55	52.47	18	.09	1.3	1.1	DML L	2.1X	94	2	
2004	NOV	8	2342	23.45	19	27.38	155	35.97	49.86	25	.15	1.4	1.4	DML L	2.3X	71	1	
2004	NOV	9	0051	3.14	19	29.16	155	36.19	51.07	17	.11	1.3	1.6	DML L	2.1X	112	0	
2004	NOV	9	0137	40.29	19	27.32	155	34.69	52.63	17	.13	1.2	1.5	DML L	2.1X	61	2	
2004	NOV	9	0139	8.59	19	27.75	155	36.58	46.31	22	.08	1.0	1.4	DML L	2.2X	92	1	
2004	NOV	9	0313	14.77	19	27.67	155	36.97	50.60	13	.11	1.5	1.0	DML L	2.1X	84	1	
2004	NOV	9	0335	34.29	19	27.11	155	36.46	48.93	15	.07	1.1	1.3	DML L	2.0X	93	0	
2004	NOV	9	0417	32.94	19	27.35	155	36.84	48.31	14	.12	1.4	1.5	DML L	2.0X	146	1	
2004	NOV	9	0452	10.04	19	28.73	155	37.42	53.30	21	.12	1.4	1.3	DML L	2.4X	123	3	
2004	NOV	9	0511	9.40														

---ORIGIN TIME (HST)--- --LAT N--- --LON W---														---ORIGIN TIME (HST)--- --LAT N--- --LON W---																							
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN		
									KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS										KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS		
2004	NOV	9	1539	12.84	19	25.94	155	34.84	40.30	17	.08	.9	1.5	DML	L	2.5X	71	4	2004	NOV	10	1228	49.73	19	27.29	155	33.55	43.19	24	.13	1.1	1.7	DML	L	2.3X	73	3
2004	NOV	9	1544	51.48	19	12.00	155	24.50	37.29	28	.07	1.1	1.4	DEP		1.8X	237	11	2004	NOV	10	1325	44.40	19	27.47	155	36.23	44.39	21	.15	1.2	1.8	DML	L	2.4X	78	0
2004	NOV	9	1547	17.05	19	11.51	155	24.73	36.99	20	.07	1.5	1.6	DEP		1.8X	243	12	2004	NOV	10	1337	4.33	19	28.00	155	33.77	45.05	24	.14	1.2	1.9	DML	L	2.3X	85	2
2004	NOV	9	1744	3.94	19	26.34	155	36.26	42.88	15	.10	1.5	2.9	DML	L	1.8X	141	2	2004	NOV	10	1428	45.17	19	27.61	155	32.05	30.02	14	.13	2.2	7.6	DML	L	2.1X	82	5
2004	NOV	9	1757	23.26	19	26.39	155	35.86	46.39	15	.06	1.1	1.5	DML	L	2.1X	112	2	2004	NOV	10	1530	5.56	19	29.19	155	35.90	46.27	22	.10	1.2	1.1	DML	L	2.8X	84	0
2004	NOV	9	1823	51.26	19	11.63	155	24.95	36.91	16	.09	1.3	1.9	DEP		1.7X	242	11	2004	NOV	10	1616	14.68	19	24.88	155	36.13	25.23	49	.08	.4	.8	DML	F	3.2X	50	3
2004	NOV	9	1957	45.89	19	28.54	155	33.92	47.62	29	.13	.9	1.3	DML	L	2.6X	56	2	2004	NOV	10	1744	0.05	19	27.82	155	37.02	47.71	21	.14	1.2	1.5	DML	L	2.1X	105	2
2004	NOV	9	2006	48.94	19	26.81	155	37.30	49.58	15	.16	2.2	1.7	DML	L	2.0X	91	2	2004	NOV	10	1756	15.47	19	27.82	155	36.76	43.81	16	.09	1.2	1.9	DML	L	1.9X	180	1
2004	NOV	9	2023	41.09	19	27.69	155	34.40	45.07	17	.11	1.3	2.0	DML	L	2.3X	59	1	2004	NOV	10	1822	54.27	19	28.46	155	35.12	46.29	21	.11	1.1	1.6	DML	L	2.2X	79	1
2004	NOV	9	2047	56.76	19	21.86	155	11.26	2.63	18	.09	.5	.4	SER		1.4X	135	3	2004	NOV	10	1843	44.60	19	29.74	155	35.46	45.80	21	.12	1.6	3.2	DML	L	2.3X	127	1
2004	NOV	9	2107	16.84	19	27.82	155	36.38	39.37	17	.12	1.0	2.0	DML	L	2.1X	78	1	2004	NOV	10	1927	7.54	19	27.71	155	39.22	49.40	22	.12	1.3	1.4	DML	L	2.3X	113	5
2004	NOV	9	2134	21.02	19	25.85	155	35.97	47.76	15	.13	1.6	2.2	DML	L	2.2X	118	3	2004	NOV	10	1950	49.77	19	26.70	155	34.86	48.11	14	.15	1.9	1.5	DML	L	1.9X	103	3
2004	NOV	9	2210	48.72	19	25.30	155	35.44	48.17	23	.13	1.0	1.4	DML	L	2.4X	76	4	2004	NOV	10	2015	24.40	19	27.40	155	36.05	45.66	21	.10	1.2	1.8	DML	L	2.2X	73	1
2004	NOV	9	2256	23.58	19	26.13	155	36.44	46.53	22	.10	1.0	1.3	DML	L	2.3X	81	2	2004	NOV	10	2056	53.31	19	25.70	155	36.32	44.91	23	.13	1.2	1.6	DML	L	2.2X	72	3
2004	NOV	9	2332	7.38	19	22.78	155	14.12	3.68	38	.10	.3	.3	SEC		2.1X	74	2	2004	NOV	10	2121	24.82	19	27.89	155	33.82	42.96	17	.11	1.2	2.6	DML	L	1.8X	82	2
2004	NOV	9	2345	14.33	19	28.11	155	37.10	50.65	28	.09	1.1	.9	DML	L	2.4X	84	2	2004	NOV	10	2207	36.28	19	24.22	155	30.56	27.42	19	.09	1.0	4.8	DML	L	2.4X	95	11
2004	NOV	10	0023	6.51	19	28.78	155	36.28	44.74	14	.10	1.1	1.2	DML	L	1.8X	147	1	2004	NOV	10	2217	47.30	19	26.16	155	18.40	7.44	28	.11	.5	.8	INT		1.7X	90	2
2004	NOV	10	0057	32.77	19	27.79	155	36.25	46.99	21	.12	1.4	1.5	DML	L	2.2X	82	1	2004	NOV	10	2318	40.11	19	27.26	155	34.88	44.16	16	.11	1.5	2.2	DML	L	1.7X	62	2
2004	NOV	10	0112	19.99	19	26.69	155	35.81	45.75	28	.13	1.1	1.5	DML	L	2.4X	74	1	2004	NOV	10	2321	47.00	19	27.12	155	37.41	45.95	22	.12	1.1	1.4	DML	L	2.1X	90	2
2004	NOV	10	0224	3.45	19	28.77	155	37.09	40.63	29	.14	1.1	1.4	DML	L	2.8X	109	2	2004	NOV	10	0020	52.82	19	26.88	155	34.28	52.02	14	.13	2.0	1.4	DML	L	1.5X	104	3
2004	NOV	10	0246	45.18	19	17.63	155	54.18	1.25	18	.18	4.7	2.5	KON		1.7X	295	26	2004	NOV	11	0038	36.21	19	27.14	155	37.81	45.17	26	.11	1.1	1.3	DML	L	2.2X	94	3
2004	NOV	10	0249	47.39	19	28.67	155	36.39	47.64	22	.09	1.3	1.2	DML	L	1.9X	110	1	2004	NOV	11	0106	54.13	19	26.64	155	33.10	49.51	20	.10	1.1	1.5	DML	L	1.9X	67	4
2004	NOV	10	0319	15.38	19	29.09	155	35.78	51.01	24	.12	1.3	1.2	DML	L	2.1X	86	1	2004	NOV	11	0142	27.45	19	27.89	155	36.73	42.33	19	.12	1.0	1.7	DML	L	2.3X	82	1
2004	NOV	10	0330	49.98	19	25.68	155	34.39	38.66	15	.09	1.3	1.8	DML	L	1.7X	115	4	2004	NOV	11	0223	26.84	19	26.56	155	36.65	43.43	19	.11	1.0	1.7	DML	L	2.2X	82	1
2004	NOV	10	0341	5.09	19	28.01	155	38.05	51.14	15	.12	1.5	2.1	DML	L	1.9X	92	3	2004	NOV	11	0255	27.23	19	26.42	155	36.52	40.67	19	.10	1.1	1.7	DML	L	2.5X	81	2
2004	NOV	10	0347	36.97	19	27.84	155	34.26	47.10	13	.10	1.5	1.6	DML	L	2.2X	98	1	2004	NOV	11	0344	9.88	19	25.15	155	36.00	44.22	17	.09	1.1	1.7	DML	L	2.3X	76	3
2004	NOV	10	0418	6.63	19	26.82	155	36.36	43.79	20	.12	1.1	1.6	DML	L	2.1X	91	1	2004	NOV	11	0423	36.68	19	26.36	155	34.40	45.15	21	.20	1.4	2.0	DML	L	2.2X	68	3
2004	NOV	10	0423	11.43	19	22.81	156	21.84	2.50	15	.09	2.3	1.7	DIS		1.7X	293	64	2004	NOV	11	0443	44.64	19	26.85	155	34.42	42.11	16	.11	1.2	1.7	DML	L	1.5X	103	3
2004	NOV	10	0437	20.08	19	25.92	155	36.22	44.77	18	.13	1.3	1.8	DML	L	2.2X	104	2	2004	NOV	11	0501	47.88	19	25.88	155	18.41	7.73	16	.08	.8	1.0	INT		1.2X	85	2
2004	NOV	10	0508	10.77	19	25.91	155	36.82	42.74	25	.11	1.0	1.4	DML	L	2.2X	84	3	2004	NOV	11	0527	29.92	19	26.45	155	36.31	43.78	15	.10	1.1	2.1	DML	L	2.0X	79	1
2004	NOV	10	0538	45.83	19	27.56	155	36.22	44.62	14	.08	1.9	2.0	DML	L	1.6X	115	1	2004	NOV	11	0554	1.88	19	26.30	155	35.46	37.98	22	.12	.8	1.9	DML	L	2.5X	65	2
2004	NOV	10	0540	40.26	19	27.04	155	36.14	46.53	24	.14	1.2	1.6	DML	L	2.0X	77	0	2004	NOV	11	0706	0.35	19	27.64	155	36.35	41.35	19	.13	1.1	1.8	DML	L	2.0X	78	1
2004	NOV	10	0549	33.31	19	27.25	155	36.11	48.99	25	.11	1.0	1.4	DML	L	2.4X	73	0	2004	NOV	11	0746	40.22	19	25.39	155	36.04	42.89	15	.12	1.6	2.1	DML	L	2.0X	73	3
2004	NOV	10	0636	36.91	19	26.60	155	36.38	44.70	27	.13	1.1	1.6	DML	L	2.4X	80	1	2004	NOV	11	0809	59.76	19	26.79	155	35.49	49.60	26	.11	1.1	1.5	DML	L	2.6X	69	2
2004	NOV	10	0652	16.80	19	27.50	155	38.79	50.53	21	.10	1.4	1.2	DML	L	2.3X	111	4	2004	NOV	11	0848	38.78	19	27.56	155	36.83	46.19	15	.13	2.0	1.9	DML	L	2.0X	95	1
2004	NOV	10	0708	29.23	19	26.98	155	35.77	47.81	23	.08	1.0	1.4	DML	L	2.3X	74	1	2004	NOV	11	0851	38.25	19	28.32	155	26.92	9.34	30	.12	.4	1.1	KAO		1.6X	69	7
2004	NOV	10	0753	16.33	19	28.14	155	35.86	48.31	26	.12	1.1	1.4	DML	L	2.5X	74	1	2004	NOV	11	0932	8.92	19	27.47	155	35.67	46.60	15	.09	1.4	1.9	DML	L	1.9X	92	1
2004	NOV	10	0839	40.02	19	26.62	155	36.29	43.58	22	.16	1.1	1.6	DML	L	2.2X	79	1	2004	NOV	11	1010	29.90	19	47.95	156	3.78	42.60	32	.09	1.2	1.7	HUA		2.4X	243	27
2004	NOV	10	0849	17.48	19	21.67	155	30.04	8.50	42	.10	.3	1.0	KAO		2.1X	73	12	2004	NOV	11	1105	51.09	19	27.64	155	36.90	46.14	14	.11	2.3	2.2	DML	L	2.0X	98	1
2																																					

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	11	1413	27.07	19	26.12	155	34.90	47.51	14	.10	1.4	2.8	DML	L	2.2X	70	3
2004	NOV	11	1456	50.61	19	26.53	155	37.76	40.71	18	.09	1.1	1.5	DML	L	2.4X	95	3
2004	NOV	11	1543	11.52	19	27.43	155	35.28	41.20	16	.12	1.5	2.2	DML	L	2.1X	59	1
2004	NOV	11	1651	54.90	19	28.23	155	33.18	36.10	14	.09	1.1	3.8	DML	L	2.0X	93	3
2004	NOV	11	1730	24.53	19	25.82	155	36.51	48.38	19	.11	1.4	2.0	DML	L	2.5X	79	3
2004	NOV	11	1800	38.07	19	26.68	155	36.31	41.18	15	.13	1.4	2.4	DML	L	1.9X	80	1
2004	NOV	11	1807	51.16	19	27.94	155	37.28	5.23	10	.14	1.5	1.1	MLO		1.4X	200	2
2004	NOV	11	1853	27.97	19	28.05	155	35.40	46.41	15	.07	1.1	2.0	DML	L	2.3X	59	2
2004	NOV	11	1904	26.94	19	25.96	155	23.55	11.10	32	.11	.4	.6	KAO		1.9X	54	7
2004	NOV	11	1925	42.18	19	26.77	155	34.73	39.38	16	.10	1.2	2.3	DML	L	1.9X	65	3
2004	NOV	11	2112	49.91	20	9.65	156	49.59	6.91	24	.15	8.410	5	DIS	-	2.7X	315110	
2004	NOV	11	2122	35.17	19	25.52	155	35.98	40.95	23	.17	1.0	1.9	DML	L	2.3X	73	3
2004	NOV	11	2123	20.52	19	18.86	155	6.24	6.75	29	.12	.8	1.0	SF4		1.7X	216	9
2004	NOV	11	2214	38.36	19	28.53	155	35.70	45.97	16	.11	1.3	2.5	DML	L	2.3X	71	1
2004	NOV	12	0043	41.34	19	26.65	155	35.51	45.83	20	.11	1.2	1.8	DML	L	2.5X	68	2
2004	NOV	12	0156	11.57	19	26.45	155	35.81	45.45	20	.10	1.0	2.2	DML	L	2.0X	72	2
2004	NOV	12	0233	5.48	19	19.79	155	8.41	7.30	23	.12	.8	.6	SF4		1.5X	182	6
2004	NOV	12	0319	40.49	19	27.27	155	35.77	42.19	23	.14	.9	1.8	DML	L	2.4X	63	1
2004	NOV	12	0337	40.67	19	26.05	155	36.45	45.92	18	.10	1.3	1.3	DML	L	2.3X	102	2
2004	NOV	12	0505	3.01	19	28.11	155	36.21	44.49	19	.09	1.0	1.7	DML	L	2.5X	76	2
2004	NOV	12	0615	15.10	19	25.36	155	36.54	3.61	11	.10	.6	.6	MLO		1.1X	151	3
2004	NOV	12	0624	15.90	19	26.56	155	33.99	42.38	15	.09	1.1	2.3	DML	L	1.9X	67	3
2004	NOV	12	0718	5.77	19	27.24	155	35.76	47.43	17	.06	1.1	1.9	DML	L	2.0X	65	1
2004	NOV	12	0737	20.86	19	28.18	155	34.65	41.04	18	.11	1.0	2.0	DML	L	2.5X	76	1
2004	NOV	12	0802	58.58	19	25.11	155	16.32	7.69	11	.04	.8	1.0	INT		1.7X	118	1
2004	NOV	12	1013	46.93	19	26.04	155	34.80	40.51	20	.13	1.0	1.9	DML	L	2.3X	71	3
2004	NOV	12	1116	44.34	19	25.02	155	35.65	43.27	18	.15	1.2	2.0	DML	L	2.4X	78	4
2004	NOV	12	1236	12.81	19	27.21	155	36.46	42.40	17	.10	1.0	2.0	DML	L	2.4X	143	0
2004	NOV	12	1510	35.86	19	26.21	155	35.23	40.98	17	.11	1.0	2.3	DML	L	2.0X	68	3
2004	NOV	12	1715	24.35	19	25.62	155	35.97	43.60	20	.07	.9	1.5	DML	L	2.3X	71	3
2004	NOV	12	1727	2.10	19	25.99	155	35.12	44.61	16	.10	1.4	2.1	DML	L	2.0X	81	3
2004	NOV	12	1823	59.01	19	26.55	155	35.27	39.68	15	.10	1.2	3.9	DML	L	2.4X	66	2
2004	NOV	12	1937	58.98	19	28.07	155	35.63	49.55	20	.10	1.0	1.7	DML	L	2.2X	66	1
2004	NOV	12	1939	34.98	19	32.73	155	52.30	7.12	12	.15	2.0	3.3	KON		1.3X	306	12
2004	NOV	12	1942	51.76	19	24.85	155	16.50	11.82	21	.14	.7	.4	INT	L	1.8X	112	1
2004	NOV	12	2116	14.25	19	24.40	155	37.65	42.86	17	.13	1.5	2.5	DML	L	2.3X	76	0
2004	NOV	12	2253	0.11	19	10.74	155	31.68	29.06	17	.09	1.8	1.9	DLS		1.5X	255	8
2004	NOV	12	2319	53.67	19	13.70	155	26.77	42.66	18	.06	1.2	2.0	DLS		1.2X	219	6
2004	NOV	12	2340	14.77	19	26.99	155	35.04	49.01	18	.14	1.3	2.3	DML	L	2.4X	63	2
2004	NOV	13	0042	21.76	19	23.12	155	17.14	2.77	13	.06	.4	.3	SSC		1.3X	75	1
2004	NOV	13	0201	0.24	19	27.48	155	34.52	41.99	21	.11	.9	1.7	DML	L	2.4X	61	2
2004	NOV	13	0456	44.05	19	25.22	155	16.71	11.62	21	.10	.7	.8	INT	L	1.4X	127	1
2004	NOV	13	0535	33.83	19	27.61	155	35.52	44.70	20	.12	1.0	1.7	DML	L	2.2X	59	1
2004	NOV	13	0647	27.89	19	21.75	155	4.11	7.10	26	.14	.8	.7	SF5		1.5X	187	5
2004	NOV	13	0700	11.60	19	27.37	155	34.34	39.04	17	.09	1.0	2.0	DML	L	2.1X	65	2

---ORIGIN TIME (HST)---		-LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	13	0810	26.69	19	22.53	155	27.34	8.77	40	.13	.4	.8	KAO		1.8X	79	8
2004	NOV	13	1013	44.60	19	28.27	155	36.53	46.99	18	.10	1.0	1.9	DML	L	2.6X	102	2
2004	NOV	13	1056	49.61	19	28.83	155	27.21	7.19	34	.12	.4	1.2	KAO		1.7X	71	6
2004	NOV	13	1143	57.84	19	21.86	155	30.00	6.28	35	.09	.3	1.3	KAO		1.7X	72	12
2004	NOV	13	1317	55.03	19	27.87	155	35.92	41.94	22	.11	1.0	2.0	DML	L	2.1X	74	1
2004	NOV	13	1335	13.91	19	18.81	155	2.60	42.70	31	.10	1.4	.9	DEF		2.2X	223	12
2004	NOV	13	1614	5.87	19	27.26	155	36.72	49.23	24	.12	1.0	1.3	DML	L	2.3X	88	1
2004	NOV	13	1627	3.25	19	21.41	155	12.62	2.01	21	.12	.3	.5	SER		1.6X	121	2
2004	NOV	13	1629	24.27	19	22.13	155	12.88	2.72	40	.12	.4	.3	SER		2.3X	110	1
2004	NOV	13	1749	44.91	19	25.09	155	17.03	11.11	28	.12	.5	.6	INT	L	1.7X	95	0
2004	NOV	13	1848	6.02	19	26.20	155	35.85	38.54	16	.12	1.2	2.2	DML	L	2.1X	69	2
2004	NOV	13	2059	27.91	19	26.80	155	35.30	44.72	18	.12	1.0	2.0	DML	L	2.3X	66	2
2004	NOV	13	2235	13.54	19	27.18	155	39.68	51.01	21	.13	1.4	1.5	DML	L	2.2X	116	6
2004	NOV	13	2313	24.32	19	26.87	155	36.68	42.96	24	.12	1.0	1.4	DML	L	2.1X	82	1
2004	NOV	14	0040	41.11	19	19.42	155	10.52	8.05	36	.07	.4	.5	SF3		1.6X	168	6
2004	NOV	14	0127	39.86	19	26.00	155	35.44	45.98	27	.11	.9	1.2	DML	L	2.7X	69	3
2004	NOV	14	0247	48.11	19	42.84	156	4.91	29.70	31	.11	1.1	2.4	HUA		2.3X	243	40
2004	NOV	14	0330	18.71	19	26.24	155	36.90	46.22	23	.10	1.1	1.4	DML	L	2.3X	85	2
2004	NOV	14	0434	20.58	19	27.77	155	34.53	43.11	15	.07	1.1	1.8	DML	L	2.3X	72	1
2004	NOV	14	0439	50.02	19	26.44	155	37.60	45.67	23	.12	1.1	1.5	DML	L	2.1X	93	3
2004	NOV	14	0519	14.44	19	28.19	155	36.46	47.14	15	.11	1.5	1.5	DML	L	2.0X	97	2
2004	NOV	14	0627	8.77	19	28.53	155	37.87	49.50	16	.11	1.9	1.5	DML	L	2.0X	121	4
2004	NOV	14	0752	3.82	19	29.12	155	33.97	53.37	17	.09	1.7	1.5	DML	L	2.1X	114	3
2004	NOV	14	0844	4.27	19	22.43	155	29.77	7.76	29	.09	.4	1.6	KAO		1.3X	82	12
2004	NOV	14	0855	42.14	19	25.92	155	36.28	44.42	22	.13	1.3	2.0	DML	L	2.3X	75	2
2004	NOV	14	0946	57.50	19	26.29	155	36.93	47.45	15	.07	1.4	1.4	DML	L	2.0X	88	2
2004	NOV	14	1024	33.66	19	27.66	155	34.40	40.63	23	.14	1.2	1.6	DML	L	2.4X	63	1
2004	NOV	14	1147	57.21	19	29.97	155	36.83	52.07	19	.11	1.8	1.2	DML	L	2.4X	134	2
2004	NOV	14	1307	38.84	19	29.14	155	38.17	47.70	16	.09	1.4	2.2	DML	L	2.3X	128	4
2004	NOV	14	1425	47.04	19	28.11	155	27.02	9.09	26	.11	.4	1.2	KAO		1.5X	69	7
2004	NOV	14	1530	52.19	19	28.00	155	38.22	47.70	19	.15	1.4	2.4	DML	L	1.9X	116	4
2004	NOV	14	1632	29.64	19	27.37	155	37.61	46.94	21	.10							

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	RMKS	MAG	GAP	DS	
2004	NOV	15	0713	46.34	19	23.51	155	0.54	3.33	40	.11	.6	.9	SSF	2.2X	192	4	
2004	NOV	15	0755	35.72	19	29.14	155	34.54	48.43	24	.10	1.3	1.1	DML	L	2.6X	117	2
2004	NOV	15	0922	52.38	19	29.46	155	10.59	11.60	29	.17	.8	1.1	GLN		1.9X	165	11
2004	NOV	15	1039	58.77	19	26.52	155	36.25	44.37	19	.10	1.0	1.5	DML	L	2.4X	78	1
2004	NOV	15	1201	57.97	19	28.02	155	37.38	49.95	20	.15	1.4	1.6	DML	L	2.4X	115	2
2004	NOV	15	1257	2.96	19	21.42	155	7.01	10.02	30	.07	.6	.4	SF4		1.4X	171	4
2004	NOV	15	1319	23.22	19	27.07	155	38.62	42.80	23	.10	1.1	1.5	DML	L	2.6X	103	4
2004	NOV	15	1554	47.05	19	28.24	155	34.47	44.20	24	.13	1.1	1.6	DML	L	2.5X	85	1
2004	NOV	15	1622	48.49	19	28.01	155	36.08	49.90	16	.14	1.4	2.1	DML	L	2.5X	78	1
2004	NOV	15	1715	6.66	19	27.98	155	39.69	44.82	18	.09	1.0	1.4	DML	L	2.3X	116	6
2004	NOV	15	1749	19.58	19	25.83	155	36.20	47.31	19	.13	1.2	1.8	DML	L	2.5X	72	3
2004	NOV	15	1754	50.11	19	27.59	155	35.60	44.92	27	.11	1.1	1.2	DML	L	2.7X	62	1
2004	NOV	15	1921	43.27	19	24.73	155	37.05	41.23	17	.09	1.2	1.9	DML	L	2.2X	76	1
2004	NOV	15	2026	19.50	19	26.00	155	36.53	43.74	24	.10	1.2	1.5	DML	L	2.7X	81	2
2004	NOV	15	2219	13.92	19	26.35	155	37.05	50.68	12	.06	1.9	.9	DML	L	2.4X	169	2
2004	NOV	15	2321	16.98	19	30.04	155	38.13	45.85	18	.10	1.1	1.3	DML	L	2.0X	120	4
2004	NOV	16	0002	16.56	19	27.70	155	37.53	44.50	15	.10	1.4	1.9	DML	L	2.3X	112	2
2004	NOV	16	0032	29.50	19	25.65	155	36.53	43.10	25	.08	.9	1.3	DML	L	2.6X	76	3
2004	NOV	16	0039	12.09	19	26.90	155	37.04	43.74	17	.13	1.1	1.9	DML	L	2.0X	86	1
2004	NOV	16	0140	6.22	19	12.52	155	30.27	12.35	26	.10	1.5	.8	LSW		2.0X	141	5
2004	NOV	16	0152	5.81	19	26.05	155	35.98	46.45	23	.14	1.2	1.7	DML	L	2.5X	70	2
2004	NOV	16	0239	35.04	19	27.32	155	35.21	47.43	15	.11	1.5	1.9	DML	L	1.8X	96	2
2004	NOV	16	0247	9.64	19	29.74	155	36.88	51.53	17	.09	1.9	1.4	DML	L	2.4X	132	2
2004	NOV	16	0319	1.83	19	26.24	155	37.49	46.64	15	.13	1.6	1.6	DML	L	2.0X	92	3
2004	NOV	16	0346	54.22	19	27.12	155	37.33	42.98	18	.12	1.2	1.8	DML	L	2.4X	97	2
2004	NOV	16	0354	31.63	20	4.94	156	14.31	26.10	32	.08	1.4	3.4	KOH		2.5X	289	48
2004	NOV	16	0359	7.00	19	25.38	155	35.84	43.54	23	.09	.9	1.6	DML	L	2.6X	57	4
2004	NOV	16	0404	9.04	19	24.88	155	16.89	10.58	16	.14	.7	.9	INT	L	1.9X	105	0
2004	NOV	16	0448	19.45	19	26.65	155	35.85	45.13	21	.13	1.1	1.7	DML	L	2.3X	75	1
2004	NOV	16	0522	11.02	19	25.80	155	36.68	39.68	15	.11	1.1	1.9	DML	L	2.0X	82	3
2004	NOV	16	0634	26.98	19	25.92	155	36.86	45.85	30	.10	.7	1.2	DML	L	2.5X	85	3
2004	NOV	16	0748	15.40	19	26.12	155	34.73	42.81	24	.11	.9	1.4	DML	L	2.3X	65	3
2004	NOV	16	0905	47.60	19	44.56	156	14.37	40.94	45	.10	1.0	1.7	HUA	F	3.0X	264	56
2004	NOV	16	0935	44.37	19	29.21	155	37.13	48.74	23	.13	1.6	1.3	DML	L	2.6X	126	2
2004	NOV	16	1016	35.58	19	26.94	155	35.82	45.77	18	.14	2.0	1.8	DML	L	2.4X	75	1
2004	NOV	16	1044	47.80	19	28.73	155	37.27	53.71	21	.12	1.9	1.2	DML	L	2.4X	122	2
2004	NOV	16	1146	15.85	19	30.29	155	35.35	45.48	23	.12	1.4	1.4	DML	L	2.7X	132	2
2004	NOV	16	1218	15.12	19	24.31	155	16.16	10.37	30	.11	.5	.6	INT	L	2.0X	95	1
2004	NOV	16	1331	28.40	19	32.15	155	36.37	45.75	15	.13	1.9	1.5	DML	L	2.4X	220	5
2004	NOV	16	1351	51.41	19	29.43	155	27.48	7.81	23	.08	.4	1.4	KAO		1.3X	84	5
2004	NOV	16	1356	41.67	19	26.70	155	36.58	40.21	21	.07	1.0	1.5	DML	L	2.3X	82	1
2004	NOV	16	1432	1.70	19	24.00	155	37.25	11.81	26	.11	.5	1.0	MLO		1.6X	84	1
2004	NOV	16	1453	31.10	19	17.25	155	12.72	8.60	40	.10	.5	.5	SF2		2.2X	194	1
2004	NOV	16	1548	38.33	19	21.77	155	30.12	7.45	34	.10	.4	1.0	KAO		1.7X	87	12
2004	NOV	16	1609	35.64	19	26.76	155	35.48	41.16	28	.11	1.1	1.3	DML	L	2.5X	69	2

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	RMKS	MAG	GAP	DS	
2004	NOV	16	1725	19.59	19	25.38	155	30.69	19.68	13	.10	1.3	4.8	DML	L	1.8X	85	9
2004	NOV	16	1850	44.23	19	26.18	155	31.92	36.12	19	.12	1.3	4.7	DML	L	2.4X	81	7
2004	NOV	16	1957	8.85	19	26.20	155	36.30	46.43	20	.09	1.0	1.4	DML	L	2.4X	79	2
2004	NOV	16	2018	29.35	19	19.38	155	30.57	10.88	20	.09	.6	2.1	KAO		1.4X	109	8
2004	NOV	16	2106	4.99	19	28.49	155	37.10	49.13	19	.11	1.3	1.4	DML	L	1.9X	119	2
2004	NOV	16	2111	16.92	19	26.48	155	36.00	46.39	27	.10	.9	1.3	DML	L	2.5X	75	2
2004	NOV	16	2208	11.76	19	27.22	155	36.45	45.72	25	.13	1.3	1.6	DML	L	2.3X	80	0
2004	NOV	16	2311	7.08	19	26.01	155	33.64	42.10	12	.08	1.4	2.0	DML	L	1.4X	78	5
2004	NOV	17	0002	39.36	19	27.25	155	14.41	31.55	35	.10	.6	1.1	DEP		1.9X	51	4
2004	NOV	17	0015	24.12	19	24.85	155	35.67	41.64	28	.15	1.0	1.6	DML	L	2.5X	80	4
2004	NOV	17	0030	22.48	19	39.24	156	0.05	10.44	18	.15	2.0	.9	HUA		1.8X	284	29
2004	NOV	17	0236	21.12	19	26.40	155	38.22	44.54	16	.11	1.2	1.8	DML	L	1.7X	100	4
2004	NOV	17	0239	35.60	19	25.66	155	34.84	45.05	19	.14	1.2	2.1	DML	L	2.4X	73	4
2004	NOV	17	0509	9.64	19	26.59	155	36.40	46.70	19	.15	1.2	2.1	DML	L	1.9X	80	1
2004	NOV	17	0548	48.90	19	26.57	155	34.18	41.64	16	.13	1.2	2.6	DML	L	1.7X	67	3
2004	NOV	17	0551	6.58	19	30.52	155	15.53	30.38	25	.06	.9	1.1	DEP		1.5X	132	5
2004	NOV	17	0609	44.20	19	28.74	155	35.64	44.26	14	.11	1.6	2.5	DML	L	1.9X	71	1
2004	NOV	17	0614	1.12	19	26.49	155	36.42	47.24	16	.10	1.2	2.1	DML	L	2.1X	80	1
2004	NOV	17	0708	36.51	19	26.59	155	35.56	44.17	21	.11	1.1	1.7	DML	L	2.2X	69	2
2004	NOV	17	0734	32.71	19	26.68	155	34.74	44.25	20	.13	1.2	2.0	DML	L	2.6X	65	3
2004	NOV	17	0751	47.54	19	16.83	155	27.00	7.40	30	.13	.4	.9	LSW		1.7X	127	6
2004	NOV	17	0809	22.64	19	25.91	155	37.29	3.08	21	.13	.4	.5	MLO		1.5X	89	3
2004	NOV	17	0809	30.82	19	25.79	155	37.40	2.80	23	.10	.3	.4	MLO		1.9X	91	3
2004	NOV	17	0811	36.52	19	5.69	155	29.53	36.80	22	.09	1.4	1.9	DLS		2.0X	275	17
2004	NOV	17	0820	23.08	19	11.14	155	26.45	33.75	23	.11	1.3	2.1	DLS		1.8X	245	10
2004	NOV	17	0856	13.97	19	26.43	155	18.80	6.85	31	.10	.4	.7	INT		1.7X	100	3
2004	NOV	17	0857	33.71	19	26.34	155	18.79	5.87	33	.11	.4	.8	INT		1.6X	98	3
2004	NOV	17	1014	39.54	19	26.55	155	37.57	47.02	20	.08	1.1	1.2	DML	L	2.3X	92	4
2004	NOV	17	1120	52.83	19	29.40	155	36.42	47.39	16	.10	2.0	1.5	DML	L	2.0X	126	1
2004	NOV	17	1205	41.46	19	25.20	155	16.83	17.78	30	.14	.8	.7	DEP	L	2.3X	99	1
2004	NOV	17	1254	52.29	19	29.38	155	36.95	48.30	18	.11	1.6	1.2	DML	L	2.2X	128	2
2004	NOV	17	1440	25.73	19	24.55	155	15.79	0									

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	18	0120	13.20	19	27.53	155	36.16	46.84	17	.12	1.7	1.7	DML	L	1.9X	87	1
2004	NOV	18	0145	6.42	19	26.72	155	36.05	41.17	18	.09	1.0	1.6	DML	L	1.8X	77	1
2004	NOV	18	0238	56.93	19	20.81	155	2.33	39.29	44	.08	.7	.7	DEP		2.1X	193	7
2004	NOV	18	0249	39.75	19	24.17	155	17.79	14.76	26	.10	.7	.6	DEP	L	2.0X	55	2
2004	NOV	18	0315	32.54	19	26.79	155	36.63	46.08	19	.11	1.2	1.8	DML	L	2.2X	82	1
2004	NOV	18	0319	11.72	19	26.29	155	35.27	46.81	16	.09	1.1	1.4	DML	L	2.0X	70	3
2004	NOV	18	0404	17.62	19	28.41	155	35.23	48.72	17	.14	1.4	1.6	DML	L	1.9X	75	1
2004	NOV	18	0438	42.99	19	24.73	155	17.23	9.85	22	.11	.7	.5	INT	L	1.8X	54	1
2004	NOV	18	0513	24.59	19	28.75	155	34.32	48.70	20	.13	1.4	1.6	DML	L	2.4X	104	2
2004	NOV	18	0530	36.84	19	22.10	155	10.30	3.16	26	.07	.5	.3	SER		1.7X	137	1
2004	NOV	18	0640	37.41	19	23.05	155	14.62	3.58	18	.11	.4	.5	SEC		1.5X	109	3
2004	NOV	18	0653	36.38	19	38.90	156	3.68	36.04	35	.09	1.3	1.4	KON		2.4X	239	35
2004	NOV	18	0721	55.72	19	25.25	155	35.29	43.81	20	.15	1.3	1.8	DML	L	2.3X	76	4
2004	NOV	18	0900	24.64	19	29.01	155	35.02	44.19	20	.10	1.0	1.8	DML	L	2.3X	110	2
2004	NOV	18	1003	26.30	19	26.03	155	30.54	14.73	20	.08	.5	1.5	DML		1.5X	66	9
2004	NOV	18	1059	37.77	19	26.09	155	37.22	45.92	25	.13	1.1	1.3	DML	L	2.3X	89	3
2004	NOV	18	1315	28.09	19	28.35	155	36.47	48.06	25	.12	1.2	1.0	DML	L	2.6X	102	2
2004	NOV	18	1431	40.08	19	27.22	155	36.18	43.42	26	.10	1.0	1.2	DML	L	2.2X	77	0
2004	NOV	18	1534	32.69	19	29.91	155	34.42	54.07	22	.10	1.5	1.0	DML	L	2.1X	124	3
2004	NOV	18	1602	59.77	19	26.31	155	29.80	9.15	32	.10	.4	1.1	KAO		1.7X	66	10
2004	NOV	18	1643	15.27	19	28.86	155	36.40	45.61	22	.13	1.3	1.4	DML	L	2.2X	121	1
2004	NOV	18	1643	26.70	19	28.60	155	34.83	50.53	21	.11	1.5	1.1	DML	L	2.3X	93	1
2004	NOV	18	1755	30.67	19	28.84	155	36.49	50.56	22	.07	1.1	1.2	DML	L	2.4X	122	1
2004	NOV	18	1914	3.30	19	27.78	155	35.31	45.74	20	.08	1.1	1.3	DML	L	2.0X	57	1
2004	NOV	18	2019	26.38	19	32.65	155	34.69	47.79	13	.19	3.3	2.1	DML	L	2.6X	210	7
2004	NOV	18	2125	36.73	19	31.24	155	52.98	11.51	18	.13	1.6	.7	KON		1.4X	289	12
2004	NOV	18	2156	5.38	19	28.18	155	36.08	46.41	22	.14	1.2	1.4	DML	L	2.2X	79	2
2004	NOV	18	2314	37.51	19	28.54	155	36.33	46.25	24	.13	1.0	1.2	DML	L	2.3X	76	2
2004	NOV	19	0032	48.12	19	59.47	155	23.47	6.77	19	.15	1.2	1.0	KEA		1.4X	224	12
2004	NOV	19	0051	8.22	19	28.19	155	36.90	48.16	22	.13	1.2	1.5	DML	L	2.2X	99	2
2004	NOV	19	0116	15.35	19	24.86	155	16.98	8.78	30	.16	.6	.7	INT	L	2.1X	61	0
2004	NOV	19	0117	0.48	19	25.66	155	16.37	3.91	24	.11	.6	.3	SNC	L	1.3X	123	2
2004	NOV	19	0207	8.42	19	18.10	155	15.96	29.78	32	.12	1.0	1.1	DEP		1.5X	144	5
2004	NOV	19	0242	57.07	19	26.55	155	34.76	36.88	23	.08	.8	2.7	DML	L	2.5X	58	3
2004	NOV	19	0327	49.52	19	30.25	155	35.77	50.45	20	.07	1.2	1.1	DML	L	2.0X	134	2
2004	NOV	19	0456	21.94	19	22.22	155	14.63	3.23	19	.11	.5	.4	SEC		1.7X	140	2
2004	NOV	19	0506	11.34	19	27.36	155	36.37	50.99	25	.10	1.0	1.2	DML	L	2.4X	80	0
2004	NOV	19	0544	30.87	19	18.08	155	14.64	8.14	36	.13	.5	.6	SF1		1.5X	126	3
2004	NOV	19	0629	39.26	19	28.40	155	37.88	49.23	17	.13	2.0	1.6	DML	L	1.9X	120	3
2004	NOV	19	0701	43.42	19	19.96	155	6.61	8.46	39	.11	.6	.5	SF4		1.7X	191	6
2004	NOV	19	0722	40.88	19	29.06	155	35.04	49.46	21	.14	1.3	1.8	DML	L	2.1X	113	2
2004	NOV	19	0730	21.64	19	28.07	155	34.57	46.66	15	.10	1.4	1.9	DML	L	1.9X	92	1
2004	NOV	19	1006	32.63	19	27.50	155	35.97	46.98	24	.12	1.3	1.8	DML	L	2.5X	88	1
2004	NOV	19	1115	51.21	19	18.34	155	14.98	7.20	20	.12	.6	.8	SF1		1.4X	132	4
2004	NOV	19	1128	47.72	19	28.42	155	36.79	49.49	17	.12	1.2	2.0	DML	L	2.1X	80	2

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	19	1129	17.54	19	27.21	155	37.31	39.41	16	.12	1.1	1.9	DML	L	2.0X	88	2
2004	NOV	19	1231	29.35	19	24.65	155	16.82	1.50	17	.12	.4	.2	SNC		1.5X	104	1
2004	NOV	19	1304	31.31	19	24.59	155	15.61	0.82	28	.12	.2	.4	SNC		2.1X	105	2
2004	NOV	19	1421	46.19	19	28.53	155	34.93	40.64	18	.15	1.3	2.0	DML	L	2.2X	67	1
2004	NOV	19	1722	41.02	19	27.99	155	35.46	41.97	17	.12	1.2	2.3	DML	L	1.8X	57	1
2004	NOV	19	1759	11.09	19	27.54	155	34.40	47.01	16	.09	1.1	2.2	DML	L	1.7X	61	2
2004	NOV	19	1834	56.59	19	26.90	155	15.66	9.04	25	.13	.7	.8	INT	L	2.0X	137	2
2004	NOV	19	2028	18.93	19	26.95	155	35.58	48.80	27	.10	.8	1.6	DML	L	2.5X	71	1
2004	NOV	19	2154	57.62	19	27.53	155	35.76	46.29	19	.10	1.0	1.9	DML	L	1.8X	66	1
2004	NOV	19	2349	8.02	19	27.28	155	34.48	41.56	16	.10	1.1	3.3	DML	L	1.6X	62	2
2004	NOV	20	0023	54.60	19	24.25	155	15.87	1.16	14	.06	.3	.4	SEC		1.1X	159	1
2004	NOV	20	0024	8.51	19	24.17	155	16.24	1.77	20	.13	.4	.2	SEC		1.7X	102	1
2004	NOV	20	0110	17.34	20	5.02	155	47.68	21.60	14	.10	1.3	1.8	KOH		1.8X	190	5
2004	NOV	20	0117	29.11	20	5.10	155	48.22	22.21	21	.12	1.4	1.8	KOH		2.1X	202	5
2004	NOV	20	0137	46.74	19	27.58	155	35.43	45.83	15	.13	1.6	2.2	DML	L	1.4X	94	1
2004	NOV	20	0219	18.71	19	25.45	155	35.34	44.36	20	.09	.9	1.6	DML	L	2.5X	74	4
2004	NOV	20	0336	43.43	19	25.17	155	16.02	11.26	16	.14	.9	1.0	INT	L	2.0X	126	2
2004	NOV	20	1131	5.69	19	28.58	155	35.43	47.46	16	.13	1.3	2.5	DML	L	1.9X	73	1
2004	NOV	20	1401	9.56	19	25.08	155	17.03	14.50	16	.09	1.2	.9	DEP	L	2.3X	116	0
2004	NOV	20	1505	21.28	19	27.05	155	35.49	43.66	23	.11	1.0	1.6	DML	L	2.7X	66	1
2004	NOV	20	1612	51.83	19	23.19	155	14.76	3.30	26	.09	.3	.3	SEC		2.0X	132	2
2004	NOV	20	1616	58.44	19	23.09	155	14.83	3.12	13	.06	.4	.4	SEC		1.2X	136	2
2004	NOV	20	1644	56.07	19	22.26	155	28.18	9.52	24	.08	.5	2.0	KAO		1.8X	80	9
2004	NOV	20	1834	14.86	19	21.80	155	25.94	8.57	19	.11	.5	1.0	KAO		1.4X	89	5
2004	NOV	20	1837	27.85	19	22.95	155	14.89	3.41	13	.05	.5	.4	SEC		1.3X	137	2
2004	NOV	20	2013	3.66	19	25.95	155	16.33	12.04	20	.12	1.0	.8	INT	L	1.5X	147	2
2004	NOV	20	2052	30.20	19	27.23	155	36.30	44.29	21	.13	1.1	1.4	DML	L	2.0X	79	0
2004	NOV	20	2340	18.99	19	24.58	155	15.52	17.70	28	.12	.8	.6	DEP	L	2.2X	99	2
2004	NOV	20	2341	8.70	19	25.74	155	17.55	8.20	32	.11	.6	.5	INT	L	1.9X	68	1
2004	NOV	21	0042	44.27	19	24.59	155	17.22	11.71	27	.10	.6	.7	INT	L	1.4X	65	1
2004	NOV	21	0048	42.83	19	27.01	155	36.72	42.73	38	.12	.8	1.0	DML	L	2.5X	83	1
2004	NOV	21	0157	9.31	19	33.04	155	37.45	8.72	21	.11	.7	1.2	MLO				

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2004	NOV	21	1556	38.17	19	28.31	155	35.79	46.69	23	.09	1.3	1.0	DML	L	1.9X	73	1
2004	NOV	21	1853	24.34	19	23.71	155	16.62	14.43	28	.15	.7	.5	DEP	L	2.0X	73	0
2004	NOV	21	2234	39.16	19	26.15	155	35.00	48.29	14	.07	1.5	1.0	DML	L	1.8X	108	3
2004	NOV	22	0103	41.16	19	24.82	155	15.86	10.92	17	.14	1.0	1.0	INT	L	1.6X	143	2
2004	NOV	22	0103	56.10	19	24.18	155	17.17	9.45	31	.12	.5	.5	INT	L	1.7X	89	1
2004	NOV	22	0120	59.02	19	21.82	155	10.09	2.52	15	.09	.7	.5	SER		1.3X	148	2
2004	NOV	22	0135	45.25	19	27.80	155	35.39	44.26	18	.10	1.1	1.8	DML	L	2.2X	56	1
2004	NOV	22	0137	32.83	19	52.84	155	46.03	12.45	24	.09	.7	.5	HUA		1.7X	158	11
2004	NOV	22	0142	19.50	19	24.03	155	16.88	8.74	16	.13	.9	.9	INT	L	1.6X	118	1
2004	NOV	22	0325	13.33	19	22.48	155	34.02	2.65	22	.11	.5	2.3	MLO		2.1X	65	7
2004	NOV	22	0412	35.91	19	20.24	155	12.26	7.41	29	.10	.5	.7	SF3		1.5X	135	5
2004	NOV	22	0423	35.56	19	24.82	155	17.21	12.54	38	.11	.4	.4	INT	L	2.1X	40	0
2004	NOV	22	0424	0.78	19	24.19	155	17.42	15.40	21	.13	1.1	1.0	DEP	L	2.3X	60	2
2004	NOV	22	0605	7.75	19	27.34	155	35.32	43.29	21	.11	1.1	1.6	DML	L	2.0X	60	2
2004	NOV	22	0814	9.50	19	22.04	155	10.65	2.82	33	.09	.4	.3	SER		2.0X	135	2
2004	NOV	22	0830	16.32	19	24.36	155	16.91	8.59	29	.10	.4	.5	INT	L	2.0X	87	1
2004	NOV	22	0935	56.38	19	26.14	155	34.21	48.29	34	.11	.9	1.3	DML	L	2.5X	49	4
2004	NOV	22	1104	1.79	19	56.24	155	50.07	13.44	19	.14	1.1	.8	KOH		1.8X	204	20
2004	NOV	22	1201	46.43	19	19.39	155	47.52	10.24	33	.11	.8	.5	KON		2.2X	206	14
2004	NOV	22	1329	22.38	19	21.66	155	4.92	8.56	31	.09	.5	.4	SF5		1.9X	182	5
2004	NOV	22	1354	44.08	19	29.97	155	54.72	13.11	28	.12	1.0	.5	KON		2.0X	235	30
2004	NOV	22	1634	23.15	19	24.90	155	16.98	18.34	22	.13	1.1	1.0	DEP	L	2.3X	103	0
2004	NOV	22	1637	17.83	19	23.38	155	14.69	3.25	20	.09	.3	.4	SEC		1.5X	113	3
2004	NOV	22	1638	56.56	19	20.11	155	11.70	5.74	22	.10	.5	1.1	SF3		1.4X	145	5
2004	NOV	22	1657	10.16	19	25.26	155	32.49	43.09	24	.12	1.1	1.5	DML	L	2.3X	75	7
2004	NOV	22	1732	5.06	19	23.60	155	15.21	3.77	22	.11	.3	.4	SEC		1.4X	117	2
2004	NOV	22	2108	20.25	19	24.97	155	16.76	8.96	26	.10	.6	.5	INT	L	1.9X	108	0
2004	NOV	22	2231	35.19	19	23.58	155	17.28	4.08	21	.11	.5	.4	SSC	L	1.5X	52	1
2004	NOV	22	2316	25.77	19	25.61	155	38.16	46.96	18	.22	1.8	2.1	DML	L	2.0X	100	4
2004	NOV	23	0048	17.06	19	37.80	155	50.88	15.54	16	.10	2.1	1.0	KON		1.9X	250	16
2004	NOV	23	0130	3.46	19	23.52	155	16.72	9.77	25	.13	.4	.5	INT	L	2.2X	54	0
2004	NOV	23	0402	31.21	19	24.01	155	16.11	8.60	16	.12	.8	1.0	INT	L	1.4X	123	1
2004	NOV	23	0530	3.55	19	24.37	155	16.46	10.63	18	.13	.7	.9	INT	L	1.9X	107	1
2004	NOV	23	0707	25.53	19	27.40	155	35.26	40.58	16	.09	1.1	2.4	DML	L	1.7X	60	1
2004	NOV	23	0720	28.57	19	23.89	155	16.83	9.74	18	.12	1.2	1.1	INT	L	1.5X	86	0
2004	NOV	23	0750	29.21	19	24.48	155	17.82	10.70	16	.11	1.3	1.3	INT	L	1.4X	62	2
2004	NOV	23	1001	25.82	19	25.92	155	36.03	45.37	22	.11	1.0	1.7	DML	L	2.6X	70	3
2004	NOV	23	1009	23.02	19	21.13	155	5.69	7.80	26	.11	.9	.7	SF4		1.5X	183	5
2004	NOV	23	1107	55.91	19	25.59	155	16.05	8.50	21	.13	.6	.8	INT	L	2.4X	124	2
2004	NOV	23	1505	0.04	19	22.77	155	14.63	3.03	18	.11	.3	.3	SEC		1.5X	106	2
2004	NOV	23	1507	50.95	19	4.76	155	24.02	34.73	20	.07	1.0	1.9	LOI		1.8X	211	22
2004	NOV	23	1548	44.77	19	24.68	155	17.37	14.04	26	.12	.5	.4	DEP	L	2.2X	48	1
2004	NOV	23	1636	32.00	19	4.16	155	23.66	36.74	21	.06	1.0	2.0	LOI		1.8X	216	23
2004	NOV	23	1648	21.95	19	19.72	155	8.40	8.24	32	.11	.6	.8	SF4		1.7X	183	6
2004	NOV	23	1714	16.89	19	30.44	155	5.43	43.89	34	.09	.7	1.1	DEP		1.8X	113	11

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2004	NOV	23	1727	14.75	19	27.63	155	36.15	40.70	18	.13	1.5	1.4	DML	L	1.9X	81	1
2004	NOV	23	1820	55.58	19	25.05	155	16.91	17.48	29	.15	.9	.8	DEP	L	2.1X	105	0
2004	NOV	23	1821	34.36	19	23.85	155	17.39	7.96	28	.12	.4	.5	INT	L	2.2X	67	1
2004	NOV	23	1907	40.50	19	2.75	155	23.04	41.21	19	.06	1.6	2.0	LOI		1.4X	288	26
2004	NOV	23	2153	2.54	19	25.02	155	16.56	14.34	29	.13	.8	.5	DEP	L	2.2X	85	1
2004	NOV	23	2206	17.29	19	24.52	155	17.37	11.21	26	.12	.6	.7	INT	L	1.7X	42	1
2004	NOV	23	2213	59.26	19	25.29	155	16.02	10.03	30	.17	.6	.6	INT	L	2.3X	97	2
2004	NOV	23	2259	43.38	19	25.78	155	31.65	31.32	19	.13	1.5	6.1	DML	L	2.5X	80	7
2004	NOV	24	0004	8.25	18	56.23	155	34.76	42.30	22	.08	1.4	2.7	DLS		1.9X	277	31
2004	NOV	24	0007	55.11	18	57.59	155	34.16	38.89	26	.09	1.3	2.4	DLS		2.0X	272	30
2004	NOV	24	0131	4.26	19	25.27	155	15.73	13.85	32	.12	.6	.4	DEP	L	2.5X	103	2
2004	NOV	24	0209	6.19	19	25.54	155	16.69	4.78	25	.13	.5	.4	SNC	L	1.6X	104	1
2004	NOV	24	0317	47.32	19	19.02	155	9.15	7.13	35	.11	.6	.8	SF3		1.5X	187	7
2004	NOV	24	0359	54.13	19	25.23	155	16.75	9.41	29	.10	.5	.5	INT	L	1.9X	89	1
2004	NOV	24	0403	2.88	19	24.14	155	17.70	8.31	27	.14	.4	.7	INT	L	1.7X	59	2
2004	NOV	24	0419	47.46	19	25.65	155	36.21	39.55	14	.09	1.3	2.2	DML	L	1.9X	108	3
2004	NOV	24	0434	44.72	19	29.32	155	28.65	8.67	20	.10	.4	1.3	KAO		1.3X	84	5
2004	NOV	24	0534	22.15	19	26.40	155	34.61	45.42	15	.09	1.5	2.1	DML	L	1.7X	108	3
2004	NOV	24	0617	20.53	19	24.61	155	17.09	8.42	23	.12	.6	.7	INT	L	1.8X	90	1
2004	NOV	24	0652	15.03	19	26.19	155	30.46	9.92	28	.11	.4	.8	KAO		1.8X	65	9
2004	NOV	24	0657	45.97	19	24.33	155	16.25	4.00	18	.10	.4	.3	SEC		1.2X	103	1
2004	NOV	24	0704	9.32	19	21.14	155	19.08	24.34	19	.08	.9	1.6	DEP		1.6X	68	5
2004	NOV	24	0708	23.27	19	19.72	155	11.92	8.62	42	.12	.4	.5	SF3		2.4X	143	6
2004	NOV	24	0854	49.66	19	29.04	155	36.57	42.05	17	.08	1.1	1.5	DML	L	1.8X	124	1
2004	NOV	24	0911	44.23	19	24.62	155	17.02	10.59	30	.10	.4	.6	INT	L	2.3X	93	1
2004	NOV	24	1025	49.07	19	25.40	155	36.88	36.13	15	.08	1.1	1.6	DML	L	1.8X	104	4
2004	NOV	24	1112	53.17	19	27.29	155	30.57	11.22	20	.14	.6	1.9	KAO		1.2X	108	8
2004	NOV	24	1132	34.03	19	55.93	155	32.79	31.27	23	.08	.8	1.5	KEA		1.9X	226	14
2004	NOV	24	1215	52.67	19	24.02	155	16.79	12.90	26	.14	.7	.7	INT	L	1.9X	100	0
2004	NOV	24	1341	33.49	19	27.17	155	36.16	45.25	25	.10	1.1	1.7	DML	L	2.3X	78	0
2004	NOV	24	1354	39.16	19	27.40	154	57.52	47.60	39	.11	.9	1.1	LER		2.2X	120	4
2004	NOV	24	1435	13.46	19	24.24	155	16.93	8.60	16	.10	1.0	.7	INT	L	1.7X	111	1
2004	NOV	24																

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	25	0428	13.40	19	47.24	155	40.08	14.38	15	.09	1.3	1.0	KEA	1.4X	166	8	
2004	NOV	25	0633	23.85	19	25.45	155	15.86	9.75	26	.13	.6	.6	INT	L	2.3X	125	2
2004	NOV	25	0710	7.56	19	25.58	155	16.02	12.95	23	.15	1.2	.7	INT	L	1.9X	164	2
2004	NOV	25	0750	35.75	19	24.05	155	16.71	5.79	22	.14	.5	.6	INT	L	1.9X	101	0
2004	NOV	25	0821	8.09	19	24.43	155	16.33	8.45	20	.13	.8	.9	INT	L	1.7X	125	1
2004	NOV	25	0923	29.08	19	25.18	155	16.11	10.79	20	.13	.9	.8	INT	L	1.9X	124	2
2004	NOV	25	0932	20.25	19	23.97	155	16.73	8.74	25	.11	.5	.6	INT	L	1.8X	73	0
2004	NOV	25	0932	43.21	19	25.01	155	16.25	10.10	15	.11	.8	1.1	INT	L	2.0X	136	1
2004	NOV	25	0938	0.04	19	24.28	155	17.29	7.23	17	.10	.9	.9	INT	L	1.7X	88	1
2004	NOV	25	0945	48.73	19	19.31	155	9.94	3.46	24	.11	.6	1.8	SSF	L	1.5X	177	6
2004	NOV	25	0956	56.37	19	24.74	155	16.86	7.24	15	.11	.7	.7	INT	L	1.5X	146	0
2004	NOV	25	1218	31.67	19	26.84	155	36.63	43.11	17	.12	1.2	2.1	DML	L	2.7X	82	1
2004	NOV	25	1243	43.33	19	24.34	155	16.61	11.25	17	.10	.9	1.0	INT	L	2.0X	150	1
2004	NOV	25	1245	1.83	19	25.09	155	16.07	6.42	18	.13	1.1	.7	INT	L	1.5X	186	2
2004	NOV	25	1248	43.37	19	24.16	155	17.28	11.48	21	.11	.6	.9	INT	L	1.7X	82	1
2004	NOV	25	1635	43.78	19	18.64	155	14.71	5.86	19	.14	.6	1.4	SF1	L	1.5X	114	4
2004	NOV	25	1743	19.71	19	22.69	155	17.36	2.13	15	.09	.3	.4	SSC	L	1.1X	61	1
2004	NOV	25	1747	13.79	19	24.96	155	17.27	2.49	20	.08	.4	.2	SNC	L	1.3X	92	0
2004	NOV	25	1814	37.49	19	26.32	155	35.83	44.04	15	.08	1.2	1.9	DML	L	2.3X	70	2
2004	NOV	25	1817	19.12	19	24.09	155	16.88	3.18	15	.08	.5	.2	SSC	L	1.4X	108	1
2004	NOV	25	1843	26.93	19	13.16	155	27.78	34.18	33	.09	.6	1.1	DLS	L	1.8X	146	5
2004	NOV	25	2227	32.65	19	21.34	155	3.88	6.70	23	.11	.9	.8	SF5	L	1.7X	192	6
2004	NOV	25	2230	36.38	19	19.72	155	9.40	7.62	33	.10	.6	.6	SF3	L	1.8X	177	6
2004	NOV	26	0024	12.08	19	4.59	155	22.32	33.48	16	.07	1.4	1.9	LOI	L	1.6X	268	24
2004	NOV	26	0106	19.95	19	22.63	155	30.28	2.41	18	.08	.4	1.3	KAO	L	1.6X	85	13
2004	NOV	26	0405	22.88	19	27.15	155	37.42	46.08	17	.14	1.4	2.1	DML	L	2.3X	97	2
2004	NOV	26	0707	32.95	19	3.93	155	23.80	36.54	19	.07	1.5	2.0	LOI	L	1.8X	283	23
2004	NOV	26	0825	30.70	20	5.27	155	33.09	38.01	23	.08	1.0	1.5	KEA	L	2.1X	214	24
2004	NOV	26	1832	52.47	19	25.87	155	35.25	42.15	22	.13	1.1	1.6	DML	L	2.3X	71	3
2004	NOV	26	2006	57.03	19	25.73	155	16.15	13.36	21	.12	.9	.7	DEP	L	1.3X	130	2
2004	NOV	27	0038	22.25	19	23.22	155	16.86	3.06	29	.10	.3	.2	SSC	L	1.8X	65	0
2004	NOV	27	0108	33.59	19	29.18	155	36.92	14.85	16	.08	.7	.9	DML	L	1.9X	125	2
2004	NOV	27	0138	27.53	19	24.94	155	36.77	2.10	12	.11	.4	.5	MLO	L	1.7X	92	2
2004	NOV	27	0330	44.98	19	20.31	155	11.62	6.76	26	.12	.6	.8	SF3	L	1.5X	149	5
2004	NOV	27	0644	31.28	19	19.47	155	9.48	7.24	21	.09	.8	.6	SF3	L	1.5X	192	6
2004	NOV	27	0822	55.00	19	24.81	155	36.73	2.08	12	.10	.4	.5	MLO	L	1.4X	99	2
2004	NOV	27	0855	43.91	19	20.15	155	11.75	6.23	21	.08	.6	1.4	SF3	L	1.5X	158	5
2004	NOV	27	0902	17.05	19	24.76	155	16.56	12.08	18	.10	.7	.8	INT	L	1.2X	136	2
2004	NOV	27	0944	36.37	19	50.71	155	51.27	34.42	27	.10	1.5	1.5	HUA	L	1.9X	270	18
2004	NOV	27	1113	30.31	19	25.42	155	16.35	12.64	16	.09	1.2	1.0	INT	L	1.4X	168	2
2004	NOV	27	1136	37.54	19	15.12	155	26.15	6.63	21	.14	.7	.7	LSW	L	1.6X	190	7
2004	NOV	27	1154	32.51	19	16.74	155	18.22	31.44	44	.11	.6	.8	DEP	L	2.6X	144	2
2004	NOV	27	1404	6.96	19	20.09	155	11.55	6.88	22	.09	.6	.9	SF3	L	1.4X	153	5
2004	NOV	27	1525	8.89	19	27.59	155	27.93	25.34	17	.07	.8	1.5	DML	L	1.4X	93	8
2004	NOV	27	1707	24.31	19	13.35	155	27.74	33.95	25	.09	.8	1.5	DLS	L	1.5X	146	5

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	NOV	27	1723	6.53	19	16.68	155	13.77	9.88	30	.09	.8	.5	SF2	L	1.7X	206	1
2004	NOV	27	1748	41.41	19	30.21	155	53.27	7.40	27	.15	1.0	.6	KON	L	2.2X	213	13
2004	NOV	27	1816	11.79	19	28.71	155	34.97	37.55	23	.14	1.0	1.6	DML	L	2.7X	95	1
2004	NOV	27	1902	44.93	19	13.14	155	27.67	33.62	35	.10	1.0	1.1	DLS	L	1.7X	233	6
2004	NOV	28	0054	47.54	19	28.64	155	35.35	45.77	16	.13	1.5	1.6	DML	L	2.1X	80	1
2004	NOV	28	0307	44.45	19	17.35	155	29.93	3.33	31	.13	.8	1.7	LSW	L	1.5X	109	4
2004	NOV	28	0442	8.53	19	24.95	155	37.21	2.71	30	.10	.3	.4	MLO	L	2.0X	81	1
2004	NOV	28	0446	49.06	19	27.63	155	36.83	51.38	27	.13	1.2	1.4	DML	L	2.5X	82	1
2004	NOV	28	0530	9.64	19	16.63	155	14.02	10.14	42	.10	.5	.4	SF2	L	2.7X	176	1
2004	NOV	28	0607	52.80	19	48.89	156	1.89	13.99	17	.14	1.6	3.0	HUA	L	2.1X	255	39
2004	NOV	28	0627	37.46	20	2.44	155	19.76	12.09	15	.07	1.3	.5	KEA	L	1.5X	259	17
2004	NOV	28	0649	28.08	19	50.10	155	54.99	23.79	29	.13	1.3	2.9	HUA	L	2.0X	227	27
2004	NOV	28	1028	9.91	19	22.85	155	17.13	2.77	23	.08	.3	.3	SSC	L	1.6X	62	1
2004	NOV	28	1312	4.72	19	28.76	155	26.04	6.58	37	.15	.4	1.1	KAO	L	1.9X	48	5
2004	NOV	28	1400	18.64	19	25.19	155	0.90	2.70	13	.08	.9	1.0	SME	L	1.9X	145	4
2004	NOV	28	1425	7.10	19	53.94	155	31.69	18.57	17	.11	.8	2.1	KEA	L	1.9X	137	14
2004	NOV	28	1505	48.36	19	25.93	155	35.72	46.97	16	.10	1.3	1.8	DML	L	2.5X	70	3
2004	NOV	28	1709	41.58	19	11.91	155	29.45	7.22	20	.12	.9	.9	LSW	L	1.3X	243	6
2004	NOV	28	2003	9.55	19	27.39	155	36.41	43.97	18	.11	1.1	1.6	DML	L	2.0X	82	0
2004	NOV	28	2057	46.33	19	23.04	155	14.65	1.11	27	.11	.3	.4	SEC	L	1.9X	104	2
2004	NOV	28	2110	43.78	19	23.39	155	17.11	2.81	15	.08	.4	.3	SSC	L	1.1X	70	0
2004	NOV	29	0000	46.19	18	57.04	155	19.16	45.80	38	.08	1.1	1.2	LOI	L	2.0X	240	37
2004	NOV	29	0038	3.14	19	16.95	155	12.91	9.01	21	.07	.8	.4	SF2	L	1.4X	240	1
2004	NOV	29	0153	54.20	19	28.19	155	36.20	45.14	21	.12	1.0	1.7	DML	L	2.3X	76	2
2004	NOV	29	0332	32.36	19	25.23	155	24.28	11.94	26	.11	.5	1.3	KAO	L	1.3X	59	9
2004	NOV	29	0715	19.81	19	28.20	155	34.74	45.47	18	.13	1.2	1.7	DML	L	2.1X	80	1
2004	NOV	29	1638	53.47	19	28.78	155	34.18	44.16	24	.17	1.3	1.5	DML	L	2.5X	105	2
2004	NOV	29	2050	18.70	19	27.99	155	34.21	48.42	20	.12	1.1	1.4	DML	L	2.3X	58	1
2004	NOV	30	0034	43.49	19	13.47	155	19.63	48.70	27	.14	1.3	1.0	DEP	L	2.3X	221	8
2004	NOV	30	0158	10.68	19	26.93	155	34.92	52.86	21	.13	1.5	1.2	DML	L	2.2X	64	2
2004	NOV	30	0404	58.80	19	21.94	155	14.37	3.13	18	.09	.4	.3	KOA	L	1.5X	100	3
2004	NOV	30	0528	34.21	19	15.25	155	28.33	31.80	23	.10	.9	1.4	DLS	L	1.6X	183	3
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---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2004	NOV	30	2107	38.54	19	25.34	155	0.89	2.91	19	.08	.9	.8	SME	1.7X	141	4
2004	NOV	30	2129	6.09	19	54.07	155	55.50	35.34	18	.10	1.9	2.2	HUA	1.8X	293	28
2004	NOV	30	2146	28.96	19	13.25	155	27.51	34.44	17	.08	1.2	1.5	DLS	1.3X	276	6
2004	NOV	30	2251	58.95	19	30.27	155	34.12	47.36	16	.12	2.1	1.4	DML	1.6X	126	4
2004	DEC	1	0104	13.34	19	24.90	155	16.24	13.33	22	.09	.7	.7	DEP	1.4X	138	1
2004	DEC	1	0114	56.04	19	25.07	155	16.72	13.19	22	.09	.7	.8	DEP	1.4X	156	1
2004	DEC	1	0119	42.87	19	25.06	155	16.45	12.74	18	.14	.8	1.0	INT	1.1X	156	2
2004	DEC	1	0124	41.60	19	25.16	155	16.35	13.35	21	.07	.9	.5	DEP	1.3X	159	1
2004	DEC	1	0129	29.19	19	24.47	155	16.03	13.61	24	.10	.6	.6	DEP	1.3X	115	1
2004	DEC	1	0137	1.63	19	25.41	155	15.66	13.52	23	.12	.8	.5	DEP	1.4X	143	3
2004	DEC	1	0142	13.73	19	27.09	155	34.02	42.22	18	.12	1.7	5.3	DML	2.1X	66	3
2004	DEC	1	0143	59.59	19	24.68	155	36.61	2.19	14	.08	.3	.4	MLO	1.5X	108	2
2004	DEC	1	0156	43.61	19	24.74	155	16.36	15.68	31	.13	.8	.3	DEP	1.3X	104	1
2004	DEC	1	0212	44.68	19	25.23	155	16.50	11.10	24	.13	.6	.6	INT	1.2X	105	1
2004	DEC	1	0302	56.15	19	25.16	155	15.79	12.94	29	.14	.7	.5	INT	1.3X	120	2
2004	DEC	1	0322	7.34	19	24.74	155	16.72	13.34	26	.14	.8	.5	DEP	1.1X	144	1
2004	DEC	1	0427	9.39	19	21.63	155	10.71	2.61	20	.09	.4	.4	SER	1.7X	144	2
2004	DEC	1	0532	5.84	19	29.04	155	38.16	39.13	21	.14	1.1	1.6	DML	2.4X	127	4
2004	DEC	1	0828	13.34	19	22.00	155	8.69	3.06	21	.12	.8	.6	SER	1.5X	162	3
2004	DEC	1	0926	41.01	19	19.24	155	9.28	8.17	27	.07	1.7	.6	SF3	1.9X	183	7
2004	DEC	1	1330	24.15	19	27.21	155	36.36	40.36	23	.12	1.1	1.7	DML	2.5X	79	0
2004	DEC	1	1543	57.42	19	13.10	155	27.60	8.68	37	.14	.6	1.0	LSW	2.0X	148	6
2004	DEC	1	1730	41.15	19	29.55	155	34.97	49.02	24	.11	1.5	1.1	DML	2.2X	123	2
2004	DEC	1	1745	39.22	19	23.68	155	16.84	2.67	17	.06	.3	.2	SSC	1.5X	67	1
2004	DEC	1	1955	21.18	19	8.99	155	24.38	42.81	29	.06	1.0	1.3	LOI	1.9X	254	15
2004	DEC	1	2052	42.00	19	20.74	155	17.15	8.58	20	.11	.5	.9	SWR	1.3X	71	4
2004	DEC	1	2151	1.12	19	22.31	155	10.98	3.00	24	.10	.6	.4	SER	1.7X	129	2
2004	DEC	1	2301	18.30	19	26.58	155	35.39	45.15	18	.11	1.1	1.4	DML	2.0X	71	2
2004	DEC	2	0053	36.00	19	24.69	155	26.60	11.17	17	.11	.5	1.9	KAO	1.2X	56	10
2004	DEC	2	0540	6.70	19	28.43	155	35.39	44.29	22	.10	1.2	1.1	DML	2.1X	69	1
2004	DEC	2	0752	27.43	19	23.10	155	17.49	1.89	17	.13	.3	.3	SSC	1.3X	71	1
2004	DEC	2	1052	38.98	19	23.60	155	15.24	3.18	30	.09	.3	.3	SEC	2.0X	102	2
2004	DEC	2	1053	4.76	19	23.69	155	15.21	3.20	35	.10	.2	.3	SEC	2.6X	52	2
2004	DEC	2	1249	27.79	19	24.79	154	59.87	3.84	22	.12	.9	.6	SLE	2.0X	168	2
2004	DEC	2	1329	13.22	19	30.46	155	35.64	48.79	21	.13	1.8	1.2	DML	2.1X	135	2
2004	DEC	2	1821	19.47	19	12.89	155	8.39	42.36	17	.06	1.1	1.2	DEP	1.6X	241	12
2004	DEC	2	2045	34.26	19	20.10	155	13.51	5.06	24	.11	.4	1.4	SF2	1.2X	120	5
2004	DEC	2	2139	37.97	19	23.01	155	33.18	28.80	15	.06	1.3	4.7	DML	2.2X	98	8
2004	DEC	2	2209	4.30	19	28.75	155	27.45	7.35	26	.12	.4	1.6	KAO	1.3X	84	6
2004	DEC	3	0919	27.19	19	24.98	155	1.38	3.30	17	.09	1.5	.8	SME	1.9X	150	5
2004	DEC	3	1013	1.60	19	21.73	155	12.79	3.03	15	.06	.5	.3	SER	1.7X	116	2
2004	DEC	3	1500	40.29	19	27.92	155	36.87	37.49	27	.14	1.2	1.9	DML	2.6X	103	2
2004	DEC	3	2147	45.60	19	23.06	155	17.19	2.67	20	.06	.3	.2	SSC	1.7X	56	1
2004	DEC	3	2228	7.12	19	21.93	155	10.73	4.06	20	.10	.5	.5	SER	1.7X	134	2
2004	DEC	4	0206	22.61	19	16.22	155	25.94	9.89	25	.13	.5	.7	LSW	1.2X	168	8

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2004	DEC	4	0501	26.16	19	23.10	155	2.53	7.00	36	.10	.6	.5	SF5	1.7X	180	4
2004	DEC	4	0557	53.35	19	27.78	155	34.00	44.84	31	.11	.9	.9	DML	2.4X	60	2
2004	DEC	4	1020	3.24	19	21.27	155	13.04	8.15	40	.12	.4	.5	SF2	2.0X	112	2
2004	DEC	4	1021	54.55	19	21.05	155	4.68	6.23	20	.09	.8	1.3	SF5	1.6X	191	6
2004	DEC	4	1200	34.76	19	23.29	155	17.28	2.86	19	.07	.4	.3	SSC	1.4X	70	1
2004	DEC	4	1703	2.68	19	20.84	155	4.07	7.02	19	.12	.9	1.5	SF5	1.6X	242	6
2004	DEC	4	1737	19.21	19	28.70	155	32.60	36.06	16	.10	1.2	3.3	DML	2.3X	63	4
2004	DEC	5	0056	50.41	19	28.40	154	51.87	0.45	22	.13	1.2	.6	SLE	2.0X	276	6
2004	DEC	5	0436	41.36	19	28.07	154	51.46	0.05	18	.16	1.3	.5	SLE	1.7X	277	7
2004	DEC	5	0616	12.71	19	24.12	155	3.27	3.36	20	.10	.7	.6	SME	1.8X	158	1
2004	DEC	5	0927	45.19	19	27.18	155	32.88	30.92	20	.10	1.4	4.7	DML	2.5X	75	6
2004	DEC	5	1338	19.01	19	28.78	155	26.90	10.16	24	.10	.4	1.3	KAO	1.6X	85	6
2004	DEC	5	1424	27.06	19	26.76	155	33.80	35.83	13	.06	1.3	3.3	DML	2.3X	65	3
2004	DEC	5	1848	39.23	19	19.87	155	8.97	0.73	26	.10	.5	.3	SSF	1.5X	176	9
2004	DEC	5	2247	47.30	19	24.62	155	15.23	42.24	18	.11	3.5	1.4	DEP	1.9X	182	3
2004	DEC	6	0017	46.16	19	18.67	155	8.24	6.34	31	.11	.6	1.1	SF4	1.5X	198	10
2004	DEC	6	0608	5.16	19	23.62	155	32.16	36.37	19	.12	1.3	4.6	DML	2.5X	87	10
2004	DEC	6	0807	42.75	19	13.96	155	32.99	5.74	31	.10	.3	1.3	LSW	2.0X	125	5
2004	DEC	6	1059	35.22	19	18.03	155	16.20	6.87	22	.07	.5	.9	SF1	1.6X	147	4
2004	DEC	6	1104	25.42	19	10.69	155	18.44	32.64	15	.14	2.0	2.8	DEP	1.6X	227	13
2004	DEC	6	1622	25.59	19	17.35	155	12.72	6.65	32	.11	.5	.8	SF2	1.9X	187	1
2004	DEC	6	2014	20.86	19	19.96	155	11.23	7.98	22	.07	.5	.9	SF3	1.6X	150	6
2004	DEC	6	2044	40.42	19	27.65	155	35.13	50.41	26	.10	1.4	.9	DML	2.5X	58	1
2004	DEC	6	2049	46.56	19	20.04	155	11.15	7.11	28	.09	.4	.8	SF3	1.9X	151	6
2004	DEC	6	2216	29.37	19	19.99	155	10.99	7.39	31	.08	.4	.6	SF3	1.9X	163	6
2004	DEC	6	2240	8.43	19	23.58	155	2.36	6.90	23	.09	.5	.6	SF5	1.5X	174	3
2004	DEC	7	0725	8.99	19	24.60	155	37.83	1.66	28	.15	.3	.6	MLO	2.5X	94	6
2004	DEC	7	0735	19.13	19	27.26	155	36.87	48.18	16	.13	1.3	1.8	DML	2.5X	140	17
2004	DEC	7	1540	40.61	19	19.26	155	8.68	6.55	29	.11	.6	1.2	SF4	1.8X	204	9
2004	DEC	7	1629	2.07	19	26.41	155	37.67	49.97	23	.11	1.1	1.4	DML	2.5X	94	3
2004	DEC	8	0001	40.12	19	26.55	155	19.12	6.51	23	.13	.6	1.3	KAO	1.6X	105	3
2004	DEC	8	0313	46.90	19	13.06	155	28.74	8.54	34	.13	.4	.9	LSW	1.6X	144	4
2004	DEC	8	0504	34.67	19	23.29	155	1.96	9.26	29	.14	.8	.5	SF5	1.6X	182	4
2004	DEC	8	0633	32.92	19	27.08	155	35.03	45.24	22	.13	1.1	1.6	DML	2.7X	71	2
2004	DEC	8	0851	48.52	19	28.52	155	32.98	45.88	21	.10	1.0	1.3	DML	2.4X	100	4
2004	DEC	8	1315	12.69	19	28.89	15										

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	9	0352	30.67	19	25.59	155	16.38	16.13	26	.09	.8	.5	DEP	L	1.0X	122	2
2004	DEC	9	0503	20.31	19	24.43	155	16.73	11.39	27	.09	.5	.6	INT	L	.9X	104	1
2004	DEC	9	0627	28.90	19	18.30	155	13.07	8.24	37	.10	.4	.6	SF2		1.6X	134	2
2004	DEC	9	0724	22.06	19	24.67	155	16.38	11.78	24	.21	1.2	.9	INT	L	1.1X	112	1
2004	DEC	9	0837	51.77	19	5.84	155	31.89	30.97	23	.10	.9	1.6	DLS		1.7X	173	17
2004	DEC	9	0846	4.88	19	25.82	155	19.77	5.69	19	.10	.5	1.3	KAO		1.5X	96	4
2004	DEC	9	0915	47.92	19	30.04	155	35.45	47.81	22	.12	1.4	1.4	DML	L	2.2X	129	2
2004	DEC	9	0921	10.08	19	25.57	155	29.56	12.97	18	.07	.5	1.8	KAO		1.2X	65	11
2004	DEC	9	1010	0.00	19	25.07	155	15.54	15.03	23	.19	1.2	.6	DEP	L	1.2X	135	3
2004	DEC	9	1317	12.57	19	21.44	155	12.54	2.71	19	.10	.3	.5	SER		1.7X	124	2
2004	DEC	9	1400	35.02	19	26.09	155	19.67	5.16	25	.11	.4	1.2	KAO		1.5X	100	4
2004	DEC	9	1600	55.32	19	3.14	155	23.44	34.51	44	.10	.8	1.2	LOI		2.4X	209	25
2004	DEC	9	1618	54.83	19	29.50	155	35.04	42.78	18	.12	1.3	2.3	DML	L	2.2X	113	2
2004	DEC	9	1845	59.90	19	14.81	156	24.02	17.36	18	.13	2.4	1.6	DIS		2.1X	300	73
2004	DEC	9	2051	17.48	19	20.27	155	5.67	35.49	24	.09	1.1	1.4	DEP		1.9X	194	7
2004	DEC	9	2206	51.34	19	11.19	155	25.19	36.99	32	.06	.8	1.2	DLS		1.5X	168	11
2004	DEC	9	2209	49.97	19	21.23	155	29.69	3.73	31	.10	.4	2.3	KAO		1.6X	88	11
2004	DEC	9	2229	22.37	19	23.79	155	15.33	41.84	17	.07	2.6	1.4	DEP	L	2.0X	135	2
2004	DEC	9	2335	2.57	19	18.57	155	29.49	0.57	22	.13	.4	1.2	LSW		1.0X	96	7
2004	DEC	10	0011	45.70	19	19.58	155	7.75	3.74	19	.10	.8	2.2	SSF		1.3X	188	7
2004	DEC	10	0222	55.90	19	26.17	155	37.41	37.59	20	.12	1.1	2.0	DML	L	2.5X	91	3
2004	DEC	10	0225	44.71	19	24.73	155	17.10	12.28	17	.07	.6	.8	INT	L	1.4X	77	0
2004	DEC	10	0759	24.20	19	11.47	155	25.48	37.16	35	.07	.8	1.2	DLS		1.8X	165	11
2004	DEC	10	0942	28.87	19	21.84	155	4.56	8.03	36	.09	.6	.5	SF5		2.1X	182	5
2004	DEC	10	1019	32.38	19	11.61	155	25.13	36.99	16	.07	1.1	1.3	DLS		1.6X	244	11
2004	DEC	10	1019	49.58	19	11.85	155	25.22	36.98	25	.08	.9	1.1	DLS		1.8X	240	10
2004	DEC	10	1726	44.92	19	17.27	155	14.83	6.55	32	.08	.4	.8	SF1		1.7X	162	2
2004	DEC	10	2054	45.12	19	11.19	155	25.30	38.19	41	.08	.8	1.0	DLS		2.2X	168	11
2004	DEC	10	2121	1.66	19	27.46	155	36.82	51.27	21	.12	1.1	1.4	DML	L	2.4X	93	1
2004	DEC	11	0007	48.05	19	24.89	155	14.28	14.71	19	.14	1.6	.5	DEP	L	1.3X	240	5
2004	DEC	11	0224	10.33	19	11.67	155	25.23	36.48	27	.05	.9	1.2	DLS		1.6X	241	11
2004	DEC	11	0320	11.65	19	28.68	155	28.21	10.96	29	.09	.4	1.0	KAO		1.2X	87	6
2004	DEC	11	0324	2.67	19	11.79	155	25.63	37.05	23	.05	1.0	1.3	DLS		1.4X	241	10
2004	DEC	11	0422	26.09	19	12.36	155	24.96	35.78	26	.10	1.0	1.2	DEP		1.4X	234	10
2004	DEC	11	0443	29.17	19	4.69	155	24.15	35.56	28	.08	.9	1.5	LOI		1.6X	210	22
2004	DEC	11	0503	43.89	19	9.89	155	25.01	42.41	16	.08	1.3	2.1	LOI		1.6X	253	19
2004	DEC	11	0526	49.24	19	11.27	155	25.34	38.01	38	.07	.7	1.0	DLS		1.8X	168	11
2004	DEC	11	0528	5.36	19	26.89	155	29.19	10.55	19	.09	.5	1.4	KAO		1.2X	103	10
2004	DEC	11	0802	8.05	19	11.97	155	25.24	37.33	38	.08	.7	.9	DLS		1.8X	233	10
2004	DEC	11	1009	9.20	19	27.17	155	34.72	48.55	30	.13	1.1	1.3	DML	L	2.6X	62	2
2004	DEC	11	1027	55.27	19	23.77	155	16.50	3.29	21	.09	.3	.3	SSC		1.5X	101	0
2004	DEC	11	1041	56.25	19	22.30	155	29.94	10.15	26	.07	.4	1.5	KAO		1.2X	83	12
2004	DEC	11	1418	31.22	19	19.05	155	5.83	36.72	32	.08	1.3	.7	DEP		1.5X	206	8
2004	DEC	11	1628	42.57	19	24.69	155	15.80	13.24	28	.11	.7	.5	DEP	L	1.2X	124	2
2004	DEC	11	1642	41.29	19	29.40	155	16.39	52.34	33	.07	1.3	1.0	DEP		1.6X	164	3

---ORIGIN TIME (HST)---		--LAT N--	--LON W--	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	11	1802	6.05	19	17.19	155	13.05	6.36	29	.10	.5	.9	SF2		1.5X	190	1
2004	DEC	11	2100	37.82	19	24.35	155	16.86	15.01	23	.09	.8	.5	DEP	L	1.2X	116	1
2004	DEC	11	2115	57.72	19	25.22	155	15.56	16.50	23	.08	1.1	.7	DEP	L	1.4X	209	3
2004	DEC	11	2136	5.43	19	25.38	155	15.79	14.47	24	.12	1.0	.4	DEP	L	1.4X	135	2
2004	DEC	11	2147	1.45	19	19.47	155	11.19	7.96	39	.09	.5	.6	SF3		1.6X	158	6
2004	DEC	11	2310	3.93	19	23.24	155	14.75	3.07	17	.09	.4	.3	SEC		1.4X	118	3
2004	DEC	11	2310	14.24	19	22.81	155	15.01	2.87	19	.09	.4	.3	SEC		1.4X	107	2
2004	DEC	12	0208	35.61	19	25.02	155	15.59	15.52	24	.13	1.4	.6	DEP	L	1.4X	207	2
2004	DEC	12	0339	23.98	19	25.19	155	16.16	15.36	22	.10	1.1	.5	DEP	L	1.4X	141	2
2004	DEC	12	0421	35.03	19	23.39	155	17.09	5.98	21	.11	.4	.6	INT	L	1.4X	51	0
2004	DEC	12	1145	24.64	19	15.16	155	26.36	6.16	23	.13	.6	2.0	LSW		1.3X	188	7
2004	DEC	12	1318	12.61	19	26.76	155	36.38	48.03	29	.11	1.0	1.1	DML	L	2.6X	79	1
2004	DEC	12	1458	50.67	19	23.32	155	12.93	34.12	48	.11	.6	.8	DEP	F	3.4X	84	1
2004	DEC	12	1536	58.33	19	25.61	154	54.91	5.19	31	.15	1.0	1.4	LER		1.6X	266	7
2004	DEC	12	1607	52.42	19	26.78	155	36.30	43.05	22	.09	1.1	1.2	DML	L	1.9X	79	1
2004	DEC	12	1629	12.19	19	27.58	154	51.23	0.02	14	.11	4.5	1.2	SLE	#	1.5X	278	14
2004	DEC	12	1806	37.18	19	23.56	155	16.63	5.34	20	.15	.6	.6	INT	L	1.3X	88	1
2004	DEC	12	1832	15.54	19	23.55	155	15.76	2.82	19	.10	.4	.3	SEC		1.1X	102	2
2004	DEC	12	1923	25.29	19	23.19	155	14.59	3.88	22	.11	.4	.5	SEC		1.8X	106	3
2004	DEC	12	2149	30.14	19	21.90	155	10.07	2.53	19	.11	.7	.4	SER		1.4X	141	2
2004	DEC	12	2240	6.81	19	26.86	155	33.80	38.25	22	.09	1.0	1.5	DML	L	1.9X	65	3
2004	DEC	12	2322	43.84	19	23.55	154	58.16	4.52	19	.11	1.4	1.1	SLE		1.4X	256	3
2004	DEC	13	0100	57.87	19	20.65	155	11.20	8.71	35	.11	.4	.5	SF3		1.5X	142	4
2004	DEC	13	0343	29.64	19	40.95	155	8.26	15.56	28	.11	1.2	1.6	HIL		1.3X	122	12
2004	DEC	13	0503	11.14	19	23.02	155	16.83	3.20	24	.11	.4	.3	SSC		1.7X	75	1
2004	DEC	13	0506	20.45	19	22.96	155	17.46	2.27	19	.12	.3	.3	SSC		1.4X	51	1
2004	DEC	13	0547	15.24	19	23.54	155	16.18	7.35	19	.10	.5	.7	INT	L	1.6X	103	1
2004	DEC	13	0617	55.10	19	11.51	155	25.50	37.11	40	.08	.7	1.0	DLS		1.7X	165	10
2004	DEC	13	0732	12.82	19	29.13	155	37.87	45.58	27	.15	1.3	1.3	DML	L	2.2X	128	3
2004	DEC	13	0903	12.03	19	29.74	155	26.27	6.04	32	.13	.4	1.2	KAO		1.7X	76	5
2004	DEC	13	0939	47.90	19	15.06	155	21.25	12.04	35	.12	.6	.7	SWR		1.4X	96	7
2004	DEC	13	1408	30.31	19	23.53	155	17.82	15.41	19	.12	1.5	.5	DEP	L	1.7X	88	2
2004	DEC	13	1752	36.92	19	24.94	155	15.46	16.12	24	.13	1.3	.					

---ORIGIN TIME (HST)---		-LAT N---		-LON W---		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	14	0449	25.04	19	26.27	155	36.94	48.02	27	.19	1.4	1.7	DML	L	2.5X	85	2
2004	DEC	14	0527	20.13	19	25.02	155	15.54	16.09	20	.13	1.1	1.0	DEP	L	1.6X	123	3
2004	DEC	14	0535	41.51	19	25.37	155	16.48	12.81	27	.11	.6	.6	INT	L	2.1X	107	1
2004	DEC	14	0618	43.92	19	28.00	155	36.64	44.78	26	.11	1.0	1.4	DML	L	2.1X	99	1
2004	DEC	14	0619	56.17	19	24.57	155	15.39	14.62	30	.13	.7	.4	DEP	L	1.8X	108	2
2004	DEC	14	0620	57.24	19	25.19	155	16.08	17.47	25	.12	1.1	.8	DEP	L	1.9X	125	2
2004	DEC	14	0722	37.38	19	24.16	155	17.29	12.69	34	.14	.6	.5	INT	L	2.5X	69	1
2004	DEC	14	0743	55.90	19	24.70	155	16.66	13.40	20	.08	1.1	.9	DEP	L	1.8X	149	1
2004	DEC	14	0811	18.95	19	25.04	155	17.09	15.55	21	.09	.8	.6	DEP	L	1.6X	146	0
2004	DEC	14	0818	29.64	19	27.05	155	34.70	44.65	14	.11	1.9	1.4	DML	L	1.9X	101	2
2004	DEC	14	0826	52.71	19	24.35	155	17.68	11.53	32	.12	.5	.6	INT	L	2.3X	46	2
2004	DEC	14	0906	29.33	19	25.19	155	17.36	15.56	26	.13	.9	.6	DEP	L	2.0X	87	1
2004	DEC	14	0933	13.42	19	25.73	155	38.25	46.02	17	.20	2.2	1.9	DML	L	2.1X	102	3
2004	DEC	14	0946	57.70	19	24.37	155	16.39	8.88	27	.13	.8	.5	INT	L	1.4X	123	1
2004	DEC	14	0949	8.74	19	25.04	155	16.86	9.47	31	.09	.4	.4	INT	L	1.8X	98	0
2004	DEC	14	1008	49.27	19	23.90	155	17.33	8.06	20	.12	.6	.6	INT	L	1.4X	73	1
2004	DEC	14	1015	33.10	19	24.68	155	17.36	11.78	33	.11	.5	.6	INT	L	1.9X	46	1
2004	DEC	14	1015	51.52	19	23.80	155	17.35	11.22	40	.15	.4	.4	INT	L	2.3X	44	1
2004	DEC	14	1017	14.12	19	24.79	155	16.95	8.13	28	.12	.6	.5	INT	L	1.7X	103	0
2004	DEC	14	1053	19.98	19	28.25	155	35.41	44.56	18	.11	1.2	1.5	DML	L	2.3X	63	1
2004	DEC	14	1106	9.95	19	24.11	155	17.29	6.74	17	.09	.5	.6	INT	L	1.3X	82	1
2004	DEC	14	1127	19.06	19	28.24	155	36.77	49.99	19	.15	1.7	1.7	DML	L	2.0X	109	2
2004	DEC	14	1138	59.16	19	22.58	155	17.92	9.93	19	.13	.6	1.1	INT	L	1.6X	115	2
2004	DEC	14	1140	35.38	19	24.11	155	17.48	10.72	28	.10	.5	.6	INT	L	1.7X	70	2
2004	DEC	14	1210	58.54	19	27.92	155	36.13	49.12	18	.12	1.6	1.5	DML	L	1.9X	79	1
2004	DEC	14	1224	49.57	19	24.54	155	15.42	16.05	31	.11	.7	.5	DEP	L	2.0X	110	2
2004	DEC	14	1315	26.84	19	26.40	155	19.07	6.92	30	.12	.5	.8	KAO		1.6X	101	3
2004	DEC	14	1321	37.34	19	27.08	155	37.97	45.58	24	.10	1.1	1.4	DML	L	2.3X	96	3
2004	DEC	14	1428	34.84	19	27.83	155	37.23	51.36	16	.13	1.4	1.5	DML	L	2.2X	110	2
2004	DEC	14	1447	2.34	19	20.23	155	13.21	5.64	27	.12	.5	1.0	SF2		1.1X	115	4
2004	DEC	14	1514	10.61	19	30.48	155	36.94	50.79	19	.14	1.8	1.3	DML	L	2.1X	140	3
2004	DEC	14	1553	44.87	19	28.31	155	37.37	50.88	19	.12	2.0	1.4	DML	L	2.4X	127	3
2004	DEC	14	1641	55.34	19	27.26	155	36.29	47.54	25	.09	1.0	1.3	DML	L	2.3X	78	0
2004	DEC	14	1739	13.57	19	27.95	155	35.58	51.80	16	.09	1.4	1.7	DML	L	2.2X	120	1
2004	DEC	14	1854	59.23	19	28.40	155	34.75	44.25	24	.10	1.0	1.4	DML	L	2.4X	81	1
2004	DEC	14	1941	54.36	19	25.89	155	37.12	44.39	22	.11	1.3	1.5	DML	L	2.2X	88	3
2004	DEC	14	1953	17.07	19	15.35	155	27.98	12.26	36	.10	.4	.9	LSW		1.9X	133	4
2004	DEC	14	2012	27.00	19	27.62	155	36.45	47.65	15	.15	1.9	1.5	DML	L	2.0X	165	1
2004	DEC	14	2029	18.75	19	28.13	155	37.44	47.00	15	.10	1.6	1.5	DML	L	1.8X	116	3
2004	DEC	14	2109	1.29	19	26.43	155	35.86	44.24	24	.11	1.1	1.5	DML	L	2.4X	72	2
2004	DEC	14	2128	43.93	19	23.98	155	32.61	40.82	15	.12	1.3	2.2	DML	L	1.9X	137	9
2004	DEC	14	2159	57.57	19	27.52	155	35.04	47.41	22	.12	1.1	1.5	DML	L	2.2X	59	1
2004	DEC	14	2217	12.67	19	26.85	155	36.70	49.88	25	.12	1.2	1.4	DML	L	2.4X	83	1
2004	DEC	14	2243	44.77	19	27.41	155	38.20	46.51	18	.13	1.3	1.9	DML	L	2.2X	109	3
2004	DEC	14	2315	43.13	19	25.96	155	36.57	44.42	25	.11	1.1	1.4	DML	L	2.4X	82	2

---ORIGIN TIME (HST)---		-LAT N---		-LON W---		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	15	0007	33.38	19	27.82	155	36.14	45.65	23	.08	1.0	1.3	DML	L	2.1X	78	1
2004	DEC	15	0022	27.80	19	19.66	155	6.55	7.10	28	.12	.7	1.2	SF4		1.3X	196	7
2004	DEC	15	0033	38.15	19	26.00	155	37.32	50.52	15	.14	1.8	1.5	DML	L	1.8X	90	3
2004	DEC	15	0055	10.68	19	27.34	155	38.28	49.08	25	.12	1.0	1.1	DML	L	2.3X	99	3
2004	DEC	15	0152	5.16	19	29.33	155	33.91	53.89	21	.11	1.7	1.1	DML	L	2.3X	115	3
2004	DEC	15	0220	31.07	19	6.85	155	28.34	28.43	36	.06	.6	1.4	DLS		1.7X	182	16
2004	DEC	15	0225	35.85	19	28.11	155	36.51	54.45	22	.12	1.9	1.4	DML	L	2.2X	97	2
2004	DEC	15	0258	34.25	19	28.30	155	37.14	48.56	15	.11	1.3	1.5	DML	L	1.7X	84	2
2004	DEC	15	0309	47.46	19	27.22	155	36.67	43.18	26	.11	1.0	1.1	DML	L	2.4X	86	1
2004	DEC	15	0400	59.37	19	28.07	155	35.90	47.17	21	.09	1.3	1.2	DML	L	1.9X	74	2
2004	DEC	15	0416	48.18	19	20.82	155	55.52	5.33	24	.14	1.3	.6	KON		2.0X	300	25
2004	DEC	15	0437	59.31	19	27.57	155	32.75	34.47	22	.12	1.0	1.6	DML	L	2.0X	74	4
2004	DEC	15	0438	19.84	19	26.32	155	38.73	48.67	23	.20	1.7	2.1	DML	L	2.2X	107	4
2004	DEC	15	0521	37.47	19	29.21	155	35.90	47.46	16	.12	2.1	1.4	DML	L	1.8X	91	0
2004	DEC	15	0630	19.67	19	26.79	155	36.31	41.85	18	.08	1.4	1.1	DML	L	2.0X	93	1
2004	DEC	15	0714	4.05	19	27.50	155	38.07	51.56	21	.09	1.3	1.3	DML	L	2.2X	110	3
2004	DEC	15	0749	22.65	19	24.98	155	33.56	52.13	14	.09	2.3	1.4	DML	L	2.3X	124	6
2004	DEC	15	0805	4.06	19	26.92	155	38.04	47.15	24	.13	1.7	1.2	DML	L	2.8X	102	3
2004	DEC	15	0910	24.57	19	28.75	155	35.58	51.99	21	.09	1.3	1.2	DML	L	2.4X	73	1
2004	DEC	15	1017	50.69	19	27.51	155	35.33	48.18	28	.12	1.2	1.1	DML	L	2.5X	59	1
2004	DEC	15	1118	26.57	19	28.35	155	37.05	48.79	23	.15	1.6	1.2	DML	L	2.3X	118	2
2004	DEC	15	1148	13.41	19	26.06	155	36.07	40.03	19	.13	1.0	2.6	DML	L	2.5X	72	2
2004	DEC	15	1227	35.13	19	26.76	155	36.77	46.44	23	.08	.9	1.3	DML	L	2.2X	83	1
2004	DEC	15	1331	6.55	19	29.18	155	35.83	48.88	22	.11	1.7	1.1	DML	L	2.4X	96	0
2004	DEC	15	1427	43.59	19	28.16	155	35.59	47.28	22	.13	1.1	1.6	DML	L	2.5X	66	1
2004	DEC	15	1527	8.61	19	28.04	155	34.11	47.66	21	.13	1.7	1.1	DML	L	2.3X	84	2
2004	DEC	15	1537	38.42	18	49.52	155	3.29	45.30	33	.09	1.1	2.4	LOI		2.3X	280	54
2004	DEC	15	1553	22.24	19	27.79	155	35.92	47.10	29	.13	1.1	1.3	DML	L	2.7X	72	1
2004	DEC	15	1643	55.05	19	26.95	155	35.26	47.21	18	.13	1.3	1.8	DML	L	2.1X	65	2
2004	DEC	15	1709	49.45	19	28.95	155	37.99	47.86	16	.12	2.0	1.4	DML	L	1.9X	125	4
2004	DEC	15	1715	37.71	19	26.11	155	37.12	54.30	22	.12	1.8	1.4	DML	L	2.5X	88	3
2004	DEC	15	1739	3.99	19	26.86	155	36.50	45.12	16	.09	1.2	1.9	DML	L	1.8X	159	

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	15	2327	17.21	19	27.49	155	35.69	48.70	24	.08	1.0	1.4	DML	L	2.3X	64	1
2004	DEC	15	2342	13.20	19	26.44	155	35.50	52.41	30	.19	1.2	1.4	DML	L	2.8X	72	2
2004	DEC	16	0012	48.92	19	27.18	155	36.17	46.20	21	.11	1.2	1.0	DML	L	1.9X	90	0
2004	DEC	16	0033	55.40	19	27.80	155	37.67	50.89	25	.15	1.2	1.4	DML	L	2.3X	90	3
2004	DEC	16	0105	19.57	19	25.22	155	33.84	42.11	17	.14	1.7	2.0	DML	L	2.0X	122	6
2004	DEC	16	0112	48.65	19	26.93	155	35.44	48.96	20	.10	1.2	1.8	DML	L	2.1X	69	2
2004	DEC	16	0136	45.51	19	26.24	155	36.24	52.21	26	.19	1.5	1.9	DML	L	2.4X	77	2
2004	DEC	16	0215	21.57	19	25.81	155	36.68	49.38	14	.09	2.1	1.4	DML	L	1.9X	153	3
2004	DEC	16	0220	32.78	19	27.79	155	35.72	48.24	20	.09	1.5	1.1	DML	L	1.9X	88	1
2004	DEC	16	0248	45.88	19	57.14	155	32.35	30.39	25	.09	.8	1.3	KEA		1.6X	237	16
2004	DEC	16	0249	7.88	19	29.02	155	36.51	45.51	21	.14	1.2	1.7	DML	L	2.3X	123	1
2004	DEC	16	0250	52.05	19	27.47	155	36.26	50.67	25	.13	1.2	1.5	DML	L	2.3X	78	0
2004	DEC	16	0324	1.46	19	26.02	155	35.85	47.92	23	.12	1.3	1.2	DML	L	2.2X	105	2
2004	DEC	16	0345	6.43	19	29.09	155	35.21	47.07	24	.15	1.2	1.5	DML	L	2.0X	113	1
2004	DEC	16	0415	21.54	19	26.90	155	35.42	38.67	21	.12	1.3	3.5	DML	L	2.4X	69	2
2004	DEC	16	0452	45.28	19	27.50	155	36.62	48.45	20	.09	1.1	1.5	DML	L	2.0X	88	1
2004	DEC	16	0501	54.37	19	28.99	155	36.70	50.02	20	.14	1.4	1.9	DML	L	2.3X	123	1
2004	DEC	16	0524	58.70	19	27.26	155	34.50	47.13	17	.08	1.2	2.2	DML	L	2.0X	99	2
2004	DEC	16	0527	14.91	19	22.49	155	14.80	2.89	19	.10	.4	.4	SEC		1.4X	101	2
2004	DEC	16	0532	3.84	19	26.86	155	34.96	40.77	27	.13	1.0	1.5	DML	L	2.3X	64	2
2004	DEC	16	0621	55.77	19	20.14	155	7.35	8.85	37	.08	.5	.5	SF4		1.7X	184	6
2004	DEC	16	0628	5.24	19	28.06	155	36.59	46.91	24	.08	1.1	1.4	DML	L	2.4X	99	2
2004	DEC	16	0734	49.41	19	26.77	155	37.98	50.95	29	.06	1.1	1.0	DML	L	2.6X	100	3
2004	DEC	16	0845	17.83	19	27.14	155	36.17	47.27	24	.14	1.3	1.8	DML	L	2.3X	78	0
2004	DEC	16	1046	50.39	19	52.81	156	50.04	27.11	33	.10	1.5	3.7	DIS		2.7X	307114	
2004	DEC	16	1127	27.30	19	26.06	155	35.34	43.33	22	.09	1.0	1.6	DML	L	2.0X	69	3
2004	DEC	16	1513	59.53	19	26.42	155	36.15	43.96	24	.08	.9	1.6	DML	L	2.6X	77	2
2004	DEC	16	1823	39.52	19	26.79	155	37.90	43.71	22	.12	.9	1.6	DML	L	2.2X	96	3
2004	DEC	16	2029	44.37	19	25.66	155	36.44	43.96	22	.13	1.1	1.6	DML	L	2.0X	74	3
2004	DEC	16	2217	6.91	19	27.52	155	37.19	42.07	22	.14	1.0	1.8	DML	L	2.1X	94	2
2004	DEC	17	0008	10.34	19	26.99	155	35.13	42.24	24	.15	.9	1.8	DML	L	2.5X	60	2
2004	DEC	17	0122	34.09	19	25.87	155	36.78	43.51	15	.11	1.5	2.0	DML	L	2.2X	100	3
2004	DEC	17	0142	17.55	19	7.22	155	34.93	47.85	16	.06	1.1	1.9	DLS		1.5X	157	17
2004	DEC	17	0415	59.65	19	26.10	155	36.58	43.01	17	.12	1.3	1.9	DML	L	2.1X	147	2
2004	DEC	17	0421	0.19	19	26.91	155	36.62	45.48	16	.12	1.2	2.0	DML	L	2.0X	82	1
2004	DEC	17	0544	32.08	19	21.79	155	30.34	2.53	20	.08	.5	1.9	KAO		1.2X	90	12
2004	DEC	17	0604	44.68	19	26.84	155	35.37	44.12	18	.10	1.1	1.9	DML	L	2.1X	68	2
2004	DEC	17	0636	0.58	19	26.80	155	34.84	39.58	23	.08	.8	1.5	DML	L	2.4X	60	3
2004	DEC	17	0652	45.73	19	22.13	155	3.93	6.17	21	.12	.9	.7	SF5		1.1X	183	4
2004	DEC	17	0842	53.70	19	26.63	155	35.63	44.31	21	.10	1.1	1.7	DML	L	2.3X	70	2
2004	DEC	17	1011	30.73	19	27.34	155	35.65	47.47	21	.11	1.3	1.8	DML	L	2.3X	62	1
2004	DEC	17	1150	2.80	19	26.56	155	34.28	37.58	21	.08	1.1	2.9	DML	L	2.2X	53	3
2004	DEC	17	1214	4.48	19	9.64	155	34.60	5.42	19	.10	.8	3.1	LSW		1.7X	138	13
2004	DEC	17	1358	54.71	19	26.36	155	35.30	39.71	20	.14	1.2	2.2	DML	L	2.1X	67	2
2004	DEC	17	1553	12.96	19	25.77	155	36.34	42.23	22	.10	1.1	1.8	DML	L	2.4X	73	3

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	17	1811	9.01	19	27.66	155	36.47	43.82	20	.08	.9	1.6	DML	L	1.9X	88	1
2004	DEC	17	1825	30.25	19	26.82	155	35.06	42.78	19	.14	1.2	2.3	DML	L	2.1X	64	2
2004	DEC	17	1907	19.96	19	26.65	155	35.08	46.26	15	.08	1.3	2.0	DML	L	2.0X	72	2
2004	DEC	17	2143	46.58	19	26.27	155	35.66	46.41	22	.11	1.0	1.8	DML	L	2.4X	67	2
2004	DEC	17	2215	47.91	19	27.29	155	36.52	40.18	15	.10	1.1	2.2	DML	L	2.0X	84	0
2004	DEC	17	2224	41.08	19	27.06	155	54.67	22.34	28	.10	1.0	1.5	KON		1.8X	221	17
2004	DEC	17	2344	2.82	19	26.00	155	14.79	1.67	14	.08	.4	.9	SNC		1.3X	171	4
2004	DEC	17	2348	19.25	19	25.90	155	15.15	2.04	14	.05	.4	.8	SNC		1.2X	160	4
2004	DEC	18	0050	10.49	19	25.49	155	34.63	40.29	27	.12	.7	1.6	DML	L	2.4X	46	4
2004	DEC	18	0219	47.08	19	26.59	155	35.83	42.54	16	.07	1.1	1.9	DML	L	2.2X	100	1
2004	DEC	18	0255	7.34	19	25.82	155	35.05	45.59	17	.12	1.2	1.7	DML	L	2.0X	112	3
2004	DEC	18	0331	45.71	19	26.42	155	35.05	39.61	16	.11	1.2	2.4	DML	L	2.3X	67	3
2004	DEC	18	0357	57.29	19	26.87	155	33.34	37.69	16	.13	1.3	3.4	DML	L	2.0X	68	4
2004	DEC	18	0622	14.74	19	26.07	155	34.42	42.51	15	.12	1.4	2.5	DML	L	2.0X	110	4
2004	DEC	18	0628	17.51	19	27.36	155	35.93	43.02	24	.09	.9	1.5	DML	L	2.6X	63	1
2004	DEC	18	0758	54.83	19	28.38	155	36.07	46.05	18	.12	1.3	2.0	DML	L	2.3X	81	2
2004	DEC	18	0825	22.61	19	26.76	155	35.95	42.51	25	.13	1.0	1.7	DML	L	2.3X	75	1
2004	DEC	18	0855	35.11	19	26.27	155	36.37	42.79	20	.13	1.2	1.8	DML	L	2.2X	80	2
2004	DEC	18	0932	24.37	19	22.82	155	14.32	3.51	20	.10	.4	.4	SEC		1.6X	135	2
2004	DEC	18	0938	40.08	19	23.22	155	16.82	3.11	29	.10	.3	.2	SSC		2.0X	47	0
2004	DEC	18	0938	54.56	19	23.28	155	17.22	2.23	11	.07	.4	.3	SSC		.8X	97	1
2004	DEC	18	1207	7.74	19	27.61	155	35.18	49.39	16	.08	1.4	2.2	DML	L	2.2X	58	1
2004	DEC	18	1225	28.43	19	26.17	155	35.90	43.86	21	.10	1.2	1.7	DML	L	1.9X	104	2
2004	DEC	18	1229	36.27	19	26.33	155	36.52	44.55	18	.13	1.3	2.0	DML	L	2.1X	84	2
2004	DEC	18	1302	5.64	19	25.95	155	36.14	46.07	19	.10	1.3	1.9	DML	L	2.3X	72	2
2004	DEC	18	1400	18.24	19	26.62	155	34.60	44.35	21	.13	1.1	1.8	DML	L	2.5X	66	3
2004	DEC	18	1512	5.32	19	26.68	155	35.91	45.01	19	.11	1.3	2.0	DML	L	2.5X	75	1
2004	DEC	18	1527	2.96	19	27.23	155	35.10	46.32	23	.09	1.1	1.5	DML	L	2.5X	61	2
2004	DEC	18	1603	48.72	19	27.75	155	36.52	45.89	17	.10	1.8	1.8	DML	L	2.2X	90	1
2004	DEC	18	1626	12.37	19	26.91	155	37.00	44.48	16	.10	1.2	1.7	DML	L	2.2X	88	1
2004	DEC	18	1646	12.07	19	26.81	155	34.74	44.41	16	.13	1.5	2.2	DML	L	2.2X	83	3
2004	DEC	18	1743	41.12	19	26.60	155	36.76	44.25	19	.13	1.2	1.8	DML	L	1.8X		

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS			
2004	DEC	19	0125	14.70	19	26.58	155	36.21	44.00	20	.11	1.2	1.8	DML	L	2.3X	78	1
2004	DEC	19	0139	1.76	19	26.48	155	35.84	46.17	18	.10	1.3	2.1	DML	L	2.0X	72	2
2004	DEC	19	0232	11.15	19	28.03	155	35.83	48.53	12	.10	2.1	1.5	DML	L	2.2X	112	2
2004	DEC	19	0244	7.27	19	25.97	155	37.33	37.91	17	.13	1.2	2.1	DML	L	2.0X	90	3
2004	DEC	19	0316	15.15	19	27.55	155	36.36	47.52	18	.10	1.2	1.8	DML	L	2.3X	82	1
2004	DEC	19	0355	53.82	19	26.19	155	36.95	42.47	17	.12	1.2	2.1	DML	L	2.1X	86	2
2004	DEC	19	0404	39.10	19	25.04	155	36.72	1.81	13	.13	.4	.6	MLO		1.5X	90	2
2004	DEC	19	0448	30.37	19	27.57	155	35.23	49.72	19	.07	1.2	1.9	DML	L	2.5X	59	1
2004	DEC	19	0535	2.46	19	28.59	155	35.07	44.52	16	.12	1.3	2.2	DML	L	2.5X	87	1
2004	DEC	19	0627	2.18	19	26.60	155	35.96	46.09	20	.12	1.2	1.7	DML	L	2.4X	75	1
2004	DEC	19	0916	21.59	19	28.54	155	35.30	49.12	18	.13	1.3	2.3	DML	L	2.2X	65	1
2004	DEC	19	1037	1.12	19	19.06	155	6.68	3.08	22	.11	.8	1.8	SSF		1.3X	202	8
2004	DEC	19	1058	28.38	19	27.09	155	34.58	48.20	18	.10	1.2	2.1	DML	L	2.2X	63	2
2004	DEC	19	1238	27.02	19	27.33	155	36.10	39.92	16	.13	1.2	2.1	DML	L	2.4X	73	0
2004	DEC	19	1353	21.33	19	26.18	155	37.30	2.48	15	.13	1.4	.4	MLO		1.3X	104	3
2004	DEC	19	1401	31.99	19	26.10	155	37.02	45.96	18	.14	1.2	1.8	DML	L	1.9X	149	6
2004	DEC	19	1506	4.15	19	27.55	155	36.39	46.17	22	.10	1.0	1.6	DML	L	2.3X	79	1
2004	DEC	19	1613	15.18	19	26.43	155	35.49	44.72	20	.11	1.1	1.8	DML	L	2.2X	66	2
2004	DEC	19	1624	54.28	19	20.35	155	10.96	7.53	22	.10	.7	1.1	SF3		1.4X	158	5
2004	DEC	19	1645	36.38	19	26.70	155	36.80	39.79	21	.10	1.0	1.6	DML	L	2.1X	84	1
2004	DEC	19	1647	22.67	19	19.65	155	8.60	6.79	22	.11	.9	1.4	SF4		1.4X	199	6
2004	DEC	19	1654	58.62	19	19.60	155	9.71	7.30	23	.08	.8	1.0	SF3		1.5X	187	6
2004	DEC	19	1808	52.93	19	26.65	155	35.37	39.52	17	.12	1.1	2.1	DML	L	2.2X	79	2
2004	DEC	19	1810	2.45	19	27.08	155	34.50	41.71	19	.14	1.2	2.1	DML	L	2.1X	63	2
2004	DEC	19	1857	36.21	19	26.37	155	34.55	47.43	17	.10	1.2	1.8	DML	L	2.4X	68	3
2004	DEC	19	1931	35.30	19	27.29	155	34.37	43.42	18	.12	1.1	2.4	DML	L	1.8X	62	2
2004	DEC	19	2048	16.24	19	26.86	155	36.34	43.21	22	.07	.8	1.4	DML	L	2.0X	80	1
2004	DEC	19	2100	0.35	19	28.61	155	34.70	48.70	18	.11	1.3	2.0	DML	L	2.1X	95	1
2004	DEC	19	2126	57.07	19	21.52	155	4.63	8.26	32	.12	.9	.6	SF5		1.7X	185	5
2004	DEC	19	2223	8.91	19	26.55	155	35.31	46.52	24	.13	1.0	1.7	DML	L	2.0X	66	2
2004	DEC	19	2228	47.86	19	26.82	155	36.98	47.39	20	.10	1.2	1.7	DML	L	2.6X	87	1
2004	DEC	19	2326	33.60	19	26.13	155	35.89	46.78	18	.10	1.1	1.9	DML	L	2.0X	70	2
2004	DEC	19	2342	29.84	19	24.12	155	15.96	3.27	17	.12	.4	.3	SEC		1.1X	113	1
2004	DEC	19	2352	46.53	19	26.93	155	36.05	45.34	16	.13	1.4	2.2	DML	L	1.9X	77	1
2004	DEC	20	0155	37.88	19	25.78	155	35.40	46.95	19	.11	1.1	1.8	DML	L	2.2X	72	3
2004	DEC	20	0159	44.24	19	29.44	155	26.09	9.16	45	.15	.4	.6	KAO	F	2.1X	49	5
2004	DEC	20	0314	3.02	19	30.38	155	30.40	7.33	15	.12	.6	2.1	MLO		1.5X	112	6
2004	DEC	20	0439	36.45	19	28.72	155	26.82	6.19	25	.13	.4	1.6	KAO		1.3X	58	6
2004	DEC	20	0554	38.82	19	26.99	155	36.22	44.22	17	.09	1.1	1.8	DML	L	1.9X	78	1
2004	DEC	20	0631	27.07	19	27.26	155	35.43	45.05	25	.08	.9	1.4	DML	L	2.2X	60	2
2004	DEC	20	0702	27.20	19	28.34	155	37.38	37.75	16	.12	1.4	2.7	DML	L	2.4X	118	3
2004	DEC	20	0721	47.70	19	15.63	155	6.47	40.05	28	.09	1.8	1.7	DEP		1.7X	232	13
2004	DEC	20	0907	4.03	19	27.08	155	36.58	46.66	18	.08	1.3	2.0	DML	L	2.0X	82	1
2004	DEC	20	0939	26.29	19	28.25	155	34.02	46.12	17	.10	1.4	2.5	DML	L	2.0X	89	2
2004	DEC	20	1118	16.81	19	27.16	155	36.48	42.29	20	.09	1.1	1.5	DML	L	1.9X	81	0

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS			
2004	DEC	20	1229	4.57	19	27.39	155	35.50	45.48	19	.12	1.3	2.6	DML	L	2.3X	59	1
2004	DEC	20	1343	24.92	19	27.76	155	33.85	47.48	16	.11	1.4	2.3	DML	L	2.1X	80	2
2004	DEC	20	1654	30.17	19	17.92	155	23.65	33.68	19	.09	1.0	1.4	DEP		1.5X	151	4
2004	DEC	20	1656	8.00	19	27.10	155	36.02	42.81	19	.12	1.2	2.0	DML	L	1.8X	77	1
2004	DEC	20	1657	41.93	19	37.95	155	12.30	12.59	28	.11	.4	.7	KEA		1.8X	93	20
2004	DEC	20	1704	13.35	19	15.36	155	13.36	7.07	21	.12	1.1	1.4	SF2		1.5X	216	3
2004	DEC	20	1722	53.77	19	26.04	155	36.34	43.39	22	.09	1.0	1.5	DML	L	2.1X	77	2
2004	DEC	20	1855	52.58	19	26.84	155	33.70	45.36	19	.10	1.0	1.8	DML	L	2.5X	66	3
2004	DEC	20	2025	59.61	19	27.55	155	34.59	43.45	16	.08	1.1	2.4	DML	L	2.0X	60	1
2004	DEC	20	2226	7.30	19	26.19	155	36.60	43.47	16	.15	1.6	2.5	DML	L	1.9X	82	2
2004	DEC	20	2346	28.92	19	26.69	155	35.52	43.18	17	.14	1.2	1.9	DML	L	2.0X	69	2
2004	DEC	21	0036	36.29	19	26.55	155	35.38	45.99	18	.12	1.3	2.0	DML	L	2.2X	65	2
2004	DEC	21	0040	34.40	19	27.33	155	36.40	47.25	19	.07	1.0	1.6	DML	L	2.0X	79	0
2004	DEC	21	0321	35.97	19	27.05	155	35.03	39.65	22	.13	1.0	1.7	DML	L	2.6X	63	2
2004	DEC	21	0406	41.12	19	35.94	155	19.64	12.57	31	.12	.4	.7	KEA		1.5X	71	13
2004	DEC	21	0456	27.79	19	2.66	155	20.56	36.33	25	.09	1.8	1.2	LOI		1.8X	234	28
2004	DEC	21	0845	6.04	19	26.63	155	35.16	44.93	16	.12	1.5	2.6	DML	L	2.0X	65	2
2004	DEC	21	0928	22.74	19	25.80	155	37.64	41.19	21	.12	1.2	1.9	DML	L	2.5X	94	3
2004	DEC	21	0950	43.27	19	27.47	155	35.72	42.78	22	.11	1.0	1.5	DML	L	2.2X	65	1
2004	DEC	21	1102	27.50	19	25.02	155	29.22	10.08	41	.10	.4	.6	KAO		1.9X	55	12
2004	DEC	21	1200	7.76	19	24.92	155	29.47	10.69	26	.09	.4	.7	KAO		1.6X	67	11
2004	DEC	21	1330	50.41	19	26.11	155	35.44	40.01	17	.11	1.4	2.7	DML	L	2.3X	68	3
2004	DEC	21	1503	24.12	19	20.25	155	13.37	7.67	31	.12	.5	.6	SF2		1.7X	117	4
2004	DEC	21	1531	17.57	19	26.15	155	36.17	44.23	23	.12	1.0	1.6	DML	L	2.2X	75	2
2004	DEC	21	1630	39.82	19	26.77	155	36.08	44.83	24	.08	1.0	1.5	DML	L	2.2X	77	1
2004	DEC	21	1709	12.09	19	27.05	155	35.30	44.60	17	.08	1.4	1.8	DML	L	2.2X	62	2
2004	DEC	21	1745	45.40	19	27.64	155	37.11	47.02	23	.09	1.1	1.6	DML	L	2.7X	101	2
2004	DEC	21	1838	13.59	19	27.16	155	36.66	45.07	17	.14	1.3	2.6	DML	L	2.3X	82	1
2004	DEC	21	2112	3.08	19	22.10	155	5.11	8.57	33	.10	.7	.5	SF5		2.1X	175	5
2004	DEC	21	2120	30.83	19	26.99	155	35.11	44.63	21	.11	1.0	1.8	DML	L	2.3X	59	2
2004	DEC	21	2223	36.39	19	25.99	155	35.32	45.96	17	.11	1.3	1.8	DML	L	2.1X	70	3
2004	DEC	21	2255	8.21	19	25.70	155	36.00	42.13	19	.10	1.2	1.8	DML	L	2.0X	70	3
2004	DEC	21	2349															

---ORIGIN TIME (HST)---		-LAT N--	--LON W--		DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	22	0514	43.97	19	28.55	155	35.68	43.22	26	.13	.9	1.6	DML	L	2.2X	71	1
2004	DEC	22	0534	2.16	19	27.60	155	36.42	45.10	21	.12	1.2	1.6	DML	L	2.1X	84	1
2004	DEC	22	0613	59.14	19	26.94	155	36.66	45.49	23	.13	1.1	1.7	DML	L	2.2X	82	1
2004	DEC	22	0701	45.53	19	25.78	155	34.92	46.35	17	.11	1.2	1.8	DML	L	2.0X	73	4
2004	DEC	22	0707	38.77	19	23.39	155	14.71	4.22	41	.12	.3	.5	SEC	F	.7X	53	3
2004	DEC	22	0709	5.71	19	23.20	155	15.11	3.24	15	.09	.4	.4	SEC		1.3X	106	2
2004	DEC	22	0711	45.83	19	23.38	155	14.96	3.65	27	.10	.3	.4	SEC		2.5X	54	2
2004	DEC	22	0729	31.19	19	23.24	155	14.74	3.15	32	.12	.3	.4	SEC	F	2.4X	58	3
2004	DEC	22	0733	13.38	19	27.14	155	36.51	41.20	24	.09	.8	1.4	DML	L	2.4X	81	0
2004	DEC	22	0749	25.69	19	22.88	155	14.46	2.69	24	.10	.3	.3	SEC		1.8X	104	2
2004	DEC	22	0751	43.48	19	22.81	155	14.51	2.42	19	.09	.4	.4	SEC		1.7X	107	2
2004	DEC	22	0755	3.51	19	23.19	155	14.62	3.29	18	.08	.4	.5	SEC		1.5X	146	3
2004	DEC	22	0826	11.70	19	26.97	155	36.73	44.55	25	.13	.9	1.7	DML	L	2.5X	83	1
2004	DEC	22	0827	20.41	19	22.94	155	14.28	2.93	31	.10	.3	.3	SEC	F	2.3X	67	2
2004	DEC	22	0828	23.02	19	23.03	155	14.31	3.04	22	.09	.3	.3	SEC		1.8X	106	2
2004	DEC	22	0859	18.77	19	26.15	155	36.26	45.50	18	.08	1.1	1.6	DML	L	2.2X	76	2
2004	DEC	22	0938	17.73	19	22.97	155	14.39	2.29	17	.10	.3	.3	SEC		1.4X	138	2
2004	DEC	22	0943	24.82	19	22.72	155	14.52	3.36	16	.10	.4	.4	SEC		1.4X	136	2
2004	DEC	22	0958	53.79	19	27.18	155	35.41	45.39	23	.12	1.2	1.8	DML	L	2.4X	61	2
2004	DEC	22	1019	45.30	19	26.74	155	34.36	43.43	20	.11	.9	1.7	DML	L	2.2X	52	3
2004	DEC	22	1112	52.78	19	26.11	155	34.69	45.81	22	.13	1.0	1.7	DML	L	2.2X	53	4
2004	DEC	22	1123	0.06	19	26.84	155	37.07	41.27	25	.13	1.0	1.5	DML	L	2.4X	87	2
2004	DEC	22	1147	50.79	19	27.04	155	36.19	40.99	20	.11	1.0	2.1	DML	L	2.2X	77	0
2004	DEC	22	1244	17.09	19	27.30	155	36.37	45.93	27	.11	.9	1.4	DML	L	2.4X	79	0
2004	DEC	22	1245	23.73	19	22.52	155	14.26	2.43	19	.10	.3	.3	SEC		1.6X	105	2
2004	DEC	22	1309	13.05	19	25.34	155	37.58	48.00	19	.13	1.3	1.7	DML	L	2.0X	93	2
2004	DEC	22	1405	52.52	19	27.90	155	36.00	40.34	21	.12	1.0	2.0	DML	L	2.3X	75	1
2004	DEC	22	1419	33.02	19	23.31	155	14.89	3.17	25	.09	.3	.4	SEC		1.9X	104	2
2004	DEC	22	1439	10.34	19	23.22	155	14.94	3.42	16	.07	.4	.4	SEC		1.5X	114	2
2004	DEC	22	1509	27.73	19	26.71	155	35.43	44.56	24	.09	.9	1.3	DML	L	2.5X	68	2
2004	DEC	22	1511	35.02	19	17.54	155	13.58	7.80	23	.07	.6	.9	SF2		1.8X	116	1
2004	DEC	22	1620	12.74	19	22.65	155	14.54	1.77	21	.11	.3	.3	SEC		1.6X	101	2
2004	DEC	22	1621	5.16	19	22.79	155	14.39	2.26	22	.09	.3	.3	SEC		2.0X	103	2
2004	DEC	22	1648	30.21	19	26.14	155	36.34	43.64	29	.08	.7	1.2	DML	L	2.4X	79	2
2004	DEC	22	1734	45.65	19	27.47	155	33.92	38.48	21	.11	1.0	1.7	DML	L	2.1X	72	2
2004	DEC	22	1814	18.06	19	25.37	155	37.12	45.21	18	.11	1.2	1.8	DML	L	2.2X	86	2
2004	DEC	22	1830	7.20	19	27.41	155	36.49	43.48	19	.09	1.1	1.5	DML	L	2.2X	84	0
2004	DEC	22	1942	9.53	19	27.27	155	36.15	43.50	28	.10	.8	1.1	DML	L	2.6X	63	0
2004	DEC	22	2021	17.27	19	22.77	155	14.49	2.32	19	.10	.4	.3	SEC		1.6X	107	2
2004	DEC	22	2035	11.62	19	17.71	155	13.41	8.68	39	.11	.4	.4	SF2		2.1X	125	1
2004	DEC	22	2057	11.26	19	25.49	155	36.48	45.26	24	.10	1.2	1.5	DML	L	2.3X	72	3
2004	DEC	22	2152	53.42	19	28.06	155	37.02	43.47	19	.12	1.1	1.7	DML	L	1.9X	151	2
2004	DEC	22	2200	49.16	19	10.47	155	21.88	49.01	22	.11	1.5	2.1	DEP	L	2.3X	245	15
2004	DEC	23	0019	45.84	19	26.79	155	35.92	44.89	25	.12	1.0	1.4	DML	L	2.3X	75	1
2004	DEC	23	0056	8.44	19	23.39	155	14.99	3.68	19	.13	.4	.5	SEC		1.5X	117	2

---ORIGIN TIME (HST)---		-LAT N--	--LON W--		DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS	
2004	DEC	23	0111	16.10	19	23.18	155	14.73	3.46	17	.08	.5	.5	SEC		1.5X	145	3
2004	DEC	23	0134	35.43	19	12.08	155	21.46	30.21	35	.10	.8	1.2	DEP		2.1X	176	12
2004	DEC	23	0232	18.86	19	22.82	155	14.24	3.46	16	.07	.5	.4	SEC		1.5X	110	2
2004	DEC	23	0249	43.76	19	15.12	155	9.30	43.51	22	.10	2.1	1.5	DEP		1.7X	260	8
2004	DEC	23	0257	41.05	19	27.03	155	35.59	47.50	28	.11	.9	1.3	DML	L	2.4X	70	1
2004	DEC	23	0353	56.20	19	23.28	155	15.02	3.50	17	.06	.3	.4	SEC		1.3X	115	2
2004	DEC	23	0426	51.28	19	28.08	155	36.65	47.21	21	.11	1.0	1.7	DML	L	2.1X	80	2
2004	DEC	23	0516	34.95	19	27.41	155	35.54	40.06	18	.12	1.1	2.0	DML	L	1.6X	60	1
2004	DEC	23	0531	5.29	19	20.22	155	13.15	7.41	20	.08	.6	.8	SF2		1.5X	127	4
2004	DEC	23	0541	58.76	19	26.30	155	35.06	42.79	19	.14	1.3	1.8	DML	L	2.2X	68	3
2004	DEC	23	0617	45.74	19	17.96	155	13.09	7.71	17	.09	.7	1.2	SF2		1.6X	159	2
2004	DEC	23	0641	10.75	19	25.08	155	35.96	42.87	21	.11	1.2	1.7	DML	L	2.1X	77	3
2004	DEC	23	0657	48.91	19	25.04	155	19.25	6.17	20	.09	.4	.8	KAO		1.5X	85	3
2004	DEC	23	0751	49.88	19	26.89	155	35.19	45.21	30	.10	.8	1.1	DML	L	2.4X	65	2
2004	DEC	23	0906	0.49	19	23.02	155	14.44	3.69	19	.07	.4	.5	SEC		1.5X	106	2
2004	DEC	23	0907	53.84	19	25.14	155	36.50	44.39	26	.11	.9	1.4	DML	L	2.6X	64	3
2004	DEC	23	1025	51.09	19	23.44	155	14.90	3.54	19	.09	.4	.5	SEC		1.3X	112	3
2004	DEC	23	1040	23.68	19	27.05	155	35.65	44.72	30	.11	.9	1.3	DML	L	2.4X	72	1
2004	DEC	23	1154	39.50	19	26.17	155	35.49	48.75	27	.11	.9	1.4	DML	L	2.2X	63	2
2004	DEC	23	1302	23.22	19	26.53	155	34.87	44.96	20	.11	1.2	1.6	DML	L	2.1X	68	3
2004	DEC	23	1431	20.40	19	26.49	155	36.98	45.49	21	.11	1.2	1.8	DML	L	2.3X	86	2
2004	DEC	23	1502	56.12	19	24.68	155	37.96	3.08	15	.14	.5	1.5	MLO		1.5X	96	1
2004	DEC	23	1624	21.02	19	26.71	155	35.62	42.99	28	.10	.8	1.3	DML	L	2.4X	70	2
2004	DEC	23	1629	29.00	19	23.53	155	14.95	3.34	32	.10	.3	.4	SEC		2.5X	51	3
2004	DEC	23	1639	44.18	19	19.43	155	8.48	6.64	28	.09	.6	.9	SF4		1.7X	186	7
2004	DEC	23	1757	10.83	19	4.95	155	23.20	37.00	18	.07	2.2	2.8	LOI		1.7X	279	22
2004	DEC	23	1833	34.62	19	27.00	155	37.03	42.81	24	.11	1.2	1.6	DML	L	2.4X	90	1
2004	DEC	23	1905	10.13	19	26.11	155	35.84	42.02	23	.09	1.0	1.4	DML	L	2.2X	69	2
2004	DEC	23	2018	52.17	19	26.55	155	35.37	43.14	23	.12	1.1	1.5	DML	L	2.2X	65	2
2004	DEC	23	2059	28.09	19	23.57	155	15.17	3.51	18	.10	.4	.4	SEC		1.5X	117	3
2004	DEC	23	2110	33.76	19	27.61	155	35.41	42.51	20	.10	1.1	1.8	DML	L	2.5X	57	1
2004	DEC	23	2202	29.98	19	26.64	155	36.53	45.23	20	.11	1.1	1.7	DML	L	2.1X	81	1
2004	DEC	23	2251	21.43	19	25.82	155	37.28	43.14	22	.11	.9	1.6	DML	L	2.3		

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	DEC	24	0536	55.33	19	28.42	155	36.83	46.08	22	.10	1.5	1.2	DML L	2.3X	118	2
2004	DEC	24	0615	25.67	19	25.47	155	32.74	28.13	17	.12	1.8	6.4	DML L	1.9X	74	6
2004	DEC	24	0634	51.15	19	26.34	155	34.21	40.04	22	.10	1.0	1.4	DML L	2.3X	69	4
2004	DEC	24	0655	4.13	19	27.06	155	32.26	49.21	17	.11	1.3	1.5	DML L	1.8X	74	5
2004	DEC	24	0711	16.87	19	25.44	155	35.84	45.36	23	.10	1.2	1.4	DML L	2.3X	111	3
2004	DEC	24	0754	21.98	19	25.00	155	33.83	44.63	12	.08	2.2	1.7	DML L	2.1X	124	6
2004	DEC	24	0833	10.61	19	28.84	155	36.22	51.02	20	.12	1.6	1.3	DML L	2.4X	106	1
2004	DEC	24	0846	56.18	19	26.38	155	38.48	46.24	19	.14	1.7	1.9	DML L	1.8X	104	4
2004	DEC	24	0922	43.94	19	28.39	155	35.11	51.43	22	.14	2.2	1.5	DML L	2.2X	104	0
2004	DEC	24	1001	10.88	19	26.43	155	36.33	46.91	20	.10	1.6	1.5	DML L	2.2X	79	2
2004	DEC	24	1014	8.64	19	27.45	155	36.62	41.52	15	.13	1.4	2.0	DML L	2.0X	88	1
2004	DEC	24	1046	7.34	19	25.79	155	36.30	41.00	19	.12	1.2	1.7	DML L	2.1X	73	3
2004	DEC	24	1130	7.84	19	26.97	155	35.29	43.63	18	.09	1.1	1.9	DML L	2.1X	64	2
2004	DEC	24	1147	0.02	19	20.50	155	12.77	8.85	38	.11	.5	.4	SF2	2.0X	121	4
2004	DEC	24	1207	0.14	19	25.76	155	37.51	41.12	20	.13	1.2	1.8	DML L	2.2X	93	3
2004	DEC	24	1243	25.79	19	27.44	155	37.43	43.22	20	.14	1.0	1.9	DML L	2.3X	89	2
2004	DEC	24	1326	34.52	19	27.00	155	37.37	43.75	20	.07	.9	1.5	DML L	2.4X	105	2
2004	DEC	24	1404	58.74	19	26.11	155	35.72	44.60	22	.10	1.1	1.5	DML L	2.4X	68	2
2004	DEC	24	1515	57.03	19	25.62	155	35.77	42.05	22	.14	1.3	1.8	DML L	2.0X	71	3
2004	DEC	24	1551	47.03	19	27.05	155	36.21	46.94	16	.09	1.2	1.7	DML L	2.0X	78	0
2004	DEC	24	1621	4.90	19	26.78	155	36.31	40.81	18	.11	1.3	2.0	DML L	2.0X	79	1
2004	DEC	24	1656	59.57	19	25.85	155	36.47	39.89	17	.12	1.3	1.8	DML L	2.1X	77	3
2004	DEC	24	1740	1.15	19	26.25	155	35.91	44.87	22	.12	1.2	1.6	DML L	2.0X	71	2
2004	DEC	24	1757	0.14	19	25.53	155	35.62	43.14	17	.13	1.3	1.8	DML L	2.3X	112	3
2004	DEC	24	1817	38.23	19	25.31	155	36.02	45.84	17	.11	1.2	1.9	DML L	2.0X	74	4
2004	DEC	24	1844	25.32	19	24.19	155	25.88	10.90	35	.12	.4	.6	KAO	2.0X	56	9
2004	DEC	24	1916	32.23	19	27.15	155	36.01	40.71	19	.15	1.3	1.9	DML L	2.2X	76	1
2004	DEC	24	1921	58.03	19	24.90	155	37.81	3.03	17	.13	.5	.5	MLO	1.8X	95	1
2004	DEC	24	1956	0.30	19	25.23	155	36.32	45.59	19	.10	1.0	1.6	DML L	2.2X	78	4
2004	DEC	24	2106	43.62	19	27.47	155	35.69	43.79	20	.08	.9	1.5	DML L	2.3X	64	1
2004	DEC	24	2146	20.29	19	26.42	155	35.94	42.11	17	.10	1.1	1.6	DML L	2.2X	73	2
2004	DEC	24	2146	31.75	19	23.13	155	16.35	4.65	13	.08	.5	.6	SEC	1.1X	110	1
2004	DEC	24	2223	52.01	19	26.29	155	34.76	45.31	17	.11	1.2	1.8	DML L	2.2X	68	3
2004	DEC	24	2303	43.42	19	26.88	155	36.19	44.63	21	.12	1.0	1.7	DML L	2.0X	78	1
2004	DEC	24	2320	0.80	19	25.94	155	35.34	42.40	24	.09	1.1	1.6	DML L	2.2X	70	3
2004	DEC	24	2331	4.46	19	25.61	155	34.97	47.29	18	.13	1.1	1.9	DML L	2.1X	73	4
2004	DEC	24	2352	43.06	19	27.75	155	36.15	46.12	20	.12	1.1	1.8	DML L	2.4X	76	1
2004	DEC	25	0036	35.85	19	25.85	155	36.51	43.93	23	.12	1.2	1.6	DML L	2.2X	78	3
2004	DEC	25	0132	38.95	19	26.53	155	37.19	48.33	23	.13	1.4	1.2	DML L	2.2X	89	2
2004	DEC	25	0226	18.08	19	25.06	155	34.96	47.82	12	.17	3.1	2.3	DML L	2.5X	120	5
2004	DEC	25	0236	27.11	19	19.93	155	12.42	6.98	20	.09	.6	.7	SF2	1.4X	146	5
2004	DEC	25	0319	24.79	19	25.29	155	35.96	42.61	16	.12	1.3	2.5	DML L	2.1X	75	4
2004	DEC	25	0429	36.03	19	27.61	155	36.91	43.37	20	.10	.9	1.5	DML L	2.1X	84	1
2004	DEC	25	0539	41.91	19	28.01	155	36.36	38.53	20	.10	.9	1.6	DML L	2.2X	78	1
2004	DEC	25	0832	45.24	19	26.09	155	35.17	43.56	18	.08	1.1	1.7	DML L	2.2X	69	3

---		ORIGIN TIME (HST)--		-LAT N--		--LON W--		DEPTH		N RMS		ERH ERZ		LOC		PREF AZ MIN	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	DEC	25	0953	44.75	19	26.51	155	35.62	42.67	17	.10	2.0	2.3	DML L	2.1X	69	2
2004	DEC	25	1209	28.01	19	25.51	155	37.01	41.88	19	.07	1.0	1.3	DML L	2.3X	85	3
2004	DEC	25	1241	26.86	19	25.93	155	35.21	44.10	21	.08	1.1	1.5	DML L	2.2X	71	3
2004	DEC	25	1317	14.90	19	38.39	155	51.79	26.95	16	.07	1.7	1.8	KON	1.8X	239	6
2004	DEC	25	1327	12.31	19	27.57	155	26.66	5.86	16	.11	.6	3.8	KAO	.9X	89	7
2004	DEC	25	1348	17.12	19	28.35	155	34.02	43.01	15	.14	2.2	3.3	DML L	1.7X	121	2
2004	DEC	25	1530	50.78	19	21.86	155	4.80	7.19	28	.14	.9	.7	SF5	1.7X	180	5
2004	DEC	25	1600	20.66	19	26.60	155	35.41	42.18	16	.09	1.2	2.0	DML L	2.5X	66	2
2004	DEC	25	1709	52.02	19	25.60	155	15.97	15.15	27	.06	.5	.3	DEP	1.3X	57	2
2004	DEC	25	1725	32.34	19	20.72	155	46.96	31.80	44	.09	.6	1.0	KON	2.5X	177	12
2004	DEC	25	1815	55.65	19	26.83	155	35.75	43.73	18	.09	1.1	1.7	DML L	1.9X	75	1
2004	DEC	25	1822	20.57	19	25.38	155	24.85	7.26	22	.12	.4	2.0	KAO	1.1X	54	9
2004	DEC	25	1934	44.51	19	13.49	155	19.21	27.51	15	.09	1.4	1.8	DEP	1.1X	222	8
2004	DEC	25	2005	20.13	19	33.11	155	4.23	26.21	45	.11	.5	1.1	HIL F	3.5X	132	16
2004	DEC	25	2103	8.51	19	25.64	155	36.49	45.66	17	.08	1.1	1.5	DML L	1.9X	75	3
2004	DEC	25	2140	25.31	19	23.93	155	15.42	1.95	15	.08	.3	.4	SEC	1.2X	157	2
2004	DEC	25	2219	41.14	19	32.46	155	33.33	15.68	16	.13	1.9	.9	DML	1.0X	186	7
2004	DEC	26	0004	33.64	19	27.69	155	36.03	41.55	21	.11	1.1	1.6	DML L	2.3X	76	1
2004	DEC	26	0029	18.26	19	34.03	155	40.81	5.71	22	.14	.7	3.8	MLO	1.8X	169	11
2004	DEC	26	0628	2.52	19	26.43	155	36.29	43.40	16	.10	1.4	1.9	DML L	2.0X	79	2
2004	DEC	26	0759	11.28	19	25.05	155	19.44	6.44	18	.10	.5	1.2	KAO	1.3X	80	3
2004	DEC	26	1029	30.63	19	27.90	155	34.33	44.50	22	.11	1.2	1.7	DML L	2.4X	75	1
2004	DEC	26	1045	19.66	19	28.92	155	27.44	6.84	16	.12	.9	2.6	KAO	1.4X	104	6
2004	DEC	26	1454	32.36	19	27.71	155	35.54	42.90	15	.12	1.2	2.0	DML L	1.7X	58	1
2004	DEC	26	1834	15.75	19	26.91	155	36.89	37.92	15	.13	1.3	1.8	DML L	1.9X	92	1
2004	DEC	26	1857	34.21	19	13.66	155	16.29	51.34	19	.09	1.7	1.7	DEP L	1.9X	239	8
2004	DEC	26	1954	8.99	19	23.27	155	17.15	2.47	13	.07	.4	.2	SSC	.9X	117	0
2004	DEC	26	2223	38.77	19	21.98	155	4.87	8.84	38	.11	.7	.4	SF5	2.0X	178	5
2004	DEC	26	2225	31.27	19	21.58	155	4.06	6.54	16	.13	1.0	1.3	SF5	1.2X	189	5
2004	DEC	26	2240	18.17	19	25.65	155	34.80	41.18	17	.17	1.4	2.6	DML L	2.0X	73	4
2004	DEC	26	2241	11.44	19	26.59	155	35.53	46.71	17	.14	1.2	1.9	DML L	1.9X	69	2
2004	DEC	27	0309	15.20	19	26.68	155	35.80	43.95	16	.13	1.4	2.5	DML L	2.2X	75	1
2004	DEC	27	0508	9.92	19	28.46	154	53.32	0.72	23	.16	2.4	1.0	SLE	1.6X	267	11
2004	DEC	27	0652	27.15	19	23.55	155	15.52	1.65	30	.12	.3	.3	SEC	2.4X	5	

---ORIGIN TIME (HST)---		--LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	MIN	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2004	DEC	27	2340	5.26	19	26.10	155	36.65	40.37	20	.12	1.2	1.8	DML	L	2.3X 82 2
2004	DEC	28	0512	13.61	19	25.99	155	35.17	47.26	16	.11	1.1	1.6	DML	L	2.5X 70 4
2004	DEC	28	1125	56.40	19	24.93	155	29.65	9.53	17	.10	.6	2.8	KAO		1.6X 68 11
2004	DEC	28	1201	19.95	19	22.95	155	14.25	1.92	13	.07	.4	.3	SEC		1.4X 145 2
2004	DEC	28	1210	59.68	19	28.01	155	35.19	45.17	23	.09	.9	1.6	DML	L	2.1X 58 0
2004	DEC	28	1420	7.83	19	23.58	155	16.82	3.04	27	.10	.3	.2	SSC		2.1X 85 0
2004	DEC	28	1507	33.67	19	20.26	155	10.53	7.78	24	.09	.7	.8	SF3		1.5X 165 5
2004	DEC	28	2211	30.34	19	28.94	155	37.12	50.21	24	.12	.9	1.2	DML	L	2.4X 123 2
2004	DEC	28	2230	6.59	19	19.05	155	9.02	8.11	39	.09	.5	.7	SF4		2.1X 187 7
2004	DEC	29	0000	37.43	19	16.37	155	52.98	7.13	20	.12	1.0	1.0	KON		1.5X 240 24
2004	DEC	29	0208	6.71	19	24.59	154	58.21	4.69	25	.14	1.0	.6	SLE		1.7X 253 1
2004	DEC	29	0426	42.88	19	17.18	155	14.72	9.27	36	.11	.6	.6	SF1		1.8X 137 2
2004	DEC	29	0601	47.47	19	26.31	155	28.18	12.08	28	.10	.4	1.5	KAO		1.4X 63 11
2004	DEC	29	0711	32.77	19	28.57	155	35.99	48.33	14	.16	1.8	1.9	DML	L	1.7X 118 15
2004	DEC	29	0904	40.98	19	25.87	155	35.52	40.88	20	.11	1.3	1.5	DML	L	2.0X 108 3
2004	DEC	29	1131	24.96	19	23.72	155	15.23	1.27	19	.11	.2	.4	SEC		1.1X 111 2
2004	DEC	29	1511	53.64	19	30.01	155	37.50	49.73	23	.13	1.1	1.1	DML	L	2.3X 137 3
2004	DEC	29	1702	48.27	19	24.74	155	1.56	3.13	28	.08	.5	.6	SME		1.5X 155 4
2004	DEC	29	1720	4.78	19	20.41	155	19.57	3.07	18	.08	.3	.8	SWR		1.0X 107 4
2004	DEC	29	1841	45.36	19	17.43	155	13.62	8.63	30	.09	.4	.8	SF2		1.4X 108 1
2004	DEC	30	0000	4.12	19	20.27	155	9.64	7.06	39	.11	.5	.7	SF3		1.9X 165 5
2004	DEC	30	0031	31.18	19	14.49	155	24.46	41.61	38	.10	.9	1.0	DEP		1.9X 134 10
2004	DEC	30	0416	1.96	19	21.91	155	28.40	4.55	22	.10	.4	.7	KAO		1.4X 81 2
2004	DEC	30	0450	5.85	18	54.90	155	11.79	49.72	35	.07	.9	1.3	LOI		1.8X 257 39
2004	DEC	30	0906	24.73	19	27.14	155	37.01	47.56	26	.10	.9	1.1	DML	L	2.4X 91 1
2004	DEC	30	1050	58.96	19	25.39	155	18.75	5.09	25	.09	.4	.7	INT		1.5X 80 2
2004	DEC	30	1511	30.60	19	22.99	155	14.19	1.88	18	.10	.3	.3	SEC		1.6X 119 2
2004	DEC	30	2358	44.20	19	27.70	155	35.42	44.07	26	.12	.9	1.1	DML	L	1.9X 56 1
2004	DEC	31	0020	13.82	19	12.17	155	20.97	44.43	40	.10	.8	1.0	DEP		1.7X 180 11
2004	DEC	31	0250	28.03	19	23.68	155	14.83	3.41	39	.10	.2	.3	SEC		2.4X 51 3
2004	DEC	31	0828	30.73	19	15.44	156	18.85	4.85	30	.15	2.4	2.7	KON		2.2X 301 64
2004	DEC	31	0925	26.12	19	23.27	155	30.89	11.34	27	.07	.4	1.0	KAO		1.1X 84 6
2004	DEC	31	1517	16.98	19	25.30	155	32.45	8.22	38	.08	.3	.9	MLO		2.1X 75 7
2004	DEC	31	1534	8.13	19	13.29	155	35.07	0.78	24	.17	.6	.3	LSW		1.6X 131 9
2004	DEC	31	1856	49.99	19	19.50	155	8.76	7.03	22	.10	.8	.8	SF4		1.3X 183 7
2004	DEC	31	2219	18.95	19	14.11	156	16.75	7.32	26	.10	2.6	5.1	KON		2.0X 274 55
2004	DEC	31	2313	49.09	19	24.93	155	26.72	7.51	24	.11	.4	1.3	KAO		1.6X 55 5
2004	DEC	31	2353	3.89	19	13.37	156	18.60	6.06	18	.09	7.2	9.0	KON	-	2.0X 326 65

Table 5.

---ORIGIN TIME (HST)---		-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	S.				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	PF	
2004	JAN	4	1600	34.83	19	45.39	155	51.82	15.28	44	.11	.6	.9	HUA	F	3.4X	201	8	C
2004	JAN	21	1649	14.46	18	51.83	155	15.54	12.19	47	.11	1.0	1.1	LOI		3.4X	262	39	C
2004	JAN	22	1802	31.24	18	50.49	155	10.45	10.41	34	.13	1.3	.9	LOI		3.2X	270	47	C
2004	FEB	1	1738	52.19	19	17.62	155	13.16	9.43	40	.10	.5	.4	SF2	F	3.8U	146	1	C
2004	FEB	3	0709	10.37	19	19.01	155	13.20	10.63	46	.12	.5	.4	SF2	F	3.2X	168	7	C
2004	FEB	5	0019	29.30	19	21.43	154	59.15	37.64	43	.11	.8	.6	LER	F	4.1U	241	7	C
2004	FEB	8	0739	35.40	19	37.12	156	12.52	10.87	46	.12	1.0	.9	KON	F	3.7X	257	40	C
2004	FEB	22	1314	35.08	19	20.50	155	7.60	9.41	50	.12	.5	.4	SF4	F	3.0X	125	5	C
2004	FEB	22	2016	52.61	19	18.93	156	21.27	4.99	47	.13	2.2	2.9	DIS	F	3.3X	276	64	C
2004	MAR	11	0437	14.08	20	2.73	157	31.86	7.00	41	.14	9.31	10.8	DIS	-	3.5X	326	183	C
2004	MAR	13	0126	35.63	19	52.47	156	7.09	46.32	47	.09	.9	1.2	HUA	F	3.3X	256	36	C
2004	MAR	18	1213	26.42	19	10.92	155	10.97	41.50	45	.11	.9	1.0	DEP	F	3.2X	208	12	C
2004	APR	1	1800	51.77	19	20.69	155	7.78	9.09	41	.10	.6	.4	SF4	F	3.1X	173	5	C
2004	MAY	1	2213	25.56	19	19.77	155	13.65	9.79	43	.12	.5	.4	SF2	F	3.2X	164	5	C
2004	JUN	1	1453	7.89	19	12.34	155	20.76	45.37	48	.09	.8	.9	DEP	F	3.1X	177	11	C
2004	JUN	4	1233	5.61	19	23.14	155	14.63	3.21	47	.12	.2	.3	SEC	F	3.2X	60	3	C
2004	JUN	4	1405	35.22	19	5.05	155	23.72	35.16	52	.10	.6	1.0	LOI	F	3.3X	199	11	C
2004	AUG	4	1709	2.57	18	53.47	155	31.58	36.86	50	.08	.8	1.1	DLS	F	3.4X	259	18	C
2004	SEP	3	1856	35.30	19	30.76	155	42.58	12.81	46	.11	.4	.2	MLO	F	3.0X	78	6	C
2004	SEP	8	1920	21.49	19	40.05	155	3.62	42.24	46	.12	.7	1.1	HIL	F	3.4X	107	5	C
2004	SEP	25	0028	15.38	19	25.27	155	36.42	56.86	26	.08	1.4	1.0	DML	L	3.1X	128	3	C
2004	OCT	9	1712	54.34	19	28.10	155	35.75	56.23	28	.09	1.3	.9	DML	L	3.0X	73	1	C
2004	OCT	11	1029	50.26	19	20.55	155	16.32	33.29	44	.11	.8	.6	DEP	F	3.2X	79	2	C
2004	OCT	12	1317	58.25	19	20.27	155	7.28	9.27	47	.12	.6	.4	SF4	F	4.5U	177	6	C
2004	NOV	8	1104	22.71	19	18.59	155	45.80	10.76	45	.10	.6	.3	KON	F	3.5X	178	11	C
2004	NOV	10	1616	14.68	19	24.88	155	36.13	25.23	49	.08	.4	.8	DML	F	3.2X	50	3	C
2004	DEC	12	1458	50.67	19	23.32	155	12.93	34.12	48	.11	.6	.8	DEP	F	3.4X	84	1	C
2004	DEC	25	2005	20.13	19	33.11	155	4.23	26.21	45	.11	.5	1.1	HIL	F	3.5X	132	16	C