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Hawaiian Volcano Observatory Seismic Data, January to December 2007

By Jennifer S. Nakata and Paul G. Okubo

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+Arrived in 2007.
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Introduction

The U.S. Geological Survey (USGS), 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 and is complete in that most data for events of M≥1.5 are included. All latitude and longitude references in this report are stated in Old Hawaiian Datum.

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 necessitated an annual publication, beginning with Summary 74 for the year 1974. Beginning in 2004, summaries are simply identified by the year, rather than by summary number.

Summaries originally issued as administrative reports were republished in 2007 as Open-File Reports. All the summaries since 1956 are listed at http://geopubs.wr.usgs.gov/ (last accessed September 30, 2008).

In January 1986, HVO adopted CUSP (California Institute of Technology USGS Seismic Processing). Summary 86 includes a description of the seismic instrumentation, calibration, and processing used in recent years. The present summary includes background information about the seismic network to provide the end user an understanding of the processing parameters and how the data were gathered.

A report by Klein and Koyanagi (1980)[1] tabulates 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 2007 network consisted of 48 station sites: 10 three-component, 1 six-component (which included a three-component Kinemetric Force-Balance accelerometer), 2 four-component (Uwēkahuna included a low-gain vertical with a unity gain setting; ‘Ainapō included a moderate-gain vertical with a 48db setting), 2 two-component (each site included a moderate-gain vertical with a 48-db setting), and 33 vertical-component-only sites. The network coverage is most dense on and around Kīlauea Volcano. During 1999, HVO added to the network three vertical-component-only sites on the Island of Maui; these sites were not in operation during 2007. All seismic signals from the network are telemetered in real time to HVO for recording.

The National Ocean and Atmospheric Administration (NOAA), Pacific Tsunami Warning Center (PTWC), 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 real-time data 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 HVO 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 2007. Figure 3 indicates the telemetry scheme for the seismic stations on Hawai‘i Island, and figures 4*A* and 4*B* are expanded views of the telemetry schemes at Kīlauea summit—4*A*, HVO seismic stations and 4*B*, a broadband network installed by the USGS, Menlo Park office that is 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, elevation in meters, and other data, as described below, pertaining to each component. The list includes all station components operated by HVO during 2007 and reviewed in CUSP by the data analysts. All station names with field sensors installed at the site remained on the list, though operation may not have been continuous. Seismic-station components operated by PTWC on the Islands of Hawai‘i, O‘ahu and Maui are also listed. Phase readings from PTWC stations that are not telemetered to HVO are used to supplement data for local earthquakes and earthquakes that occur within the Hawaiian Archipelago but are 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 by 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, signals pass through an analog-to-digital converter 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

The 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 CAL, a station’s constant but known factor, to get the response for that 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.

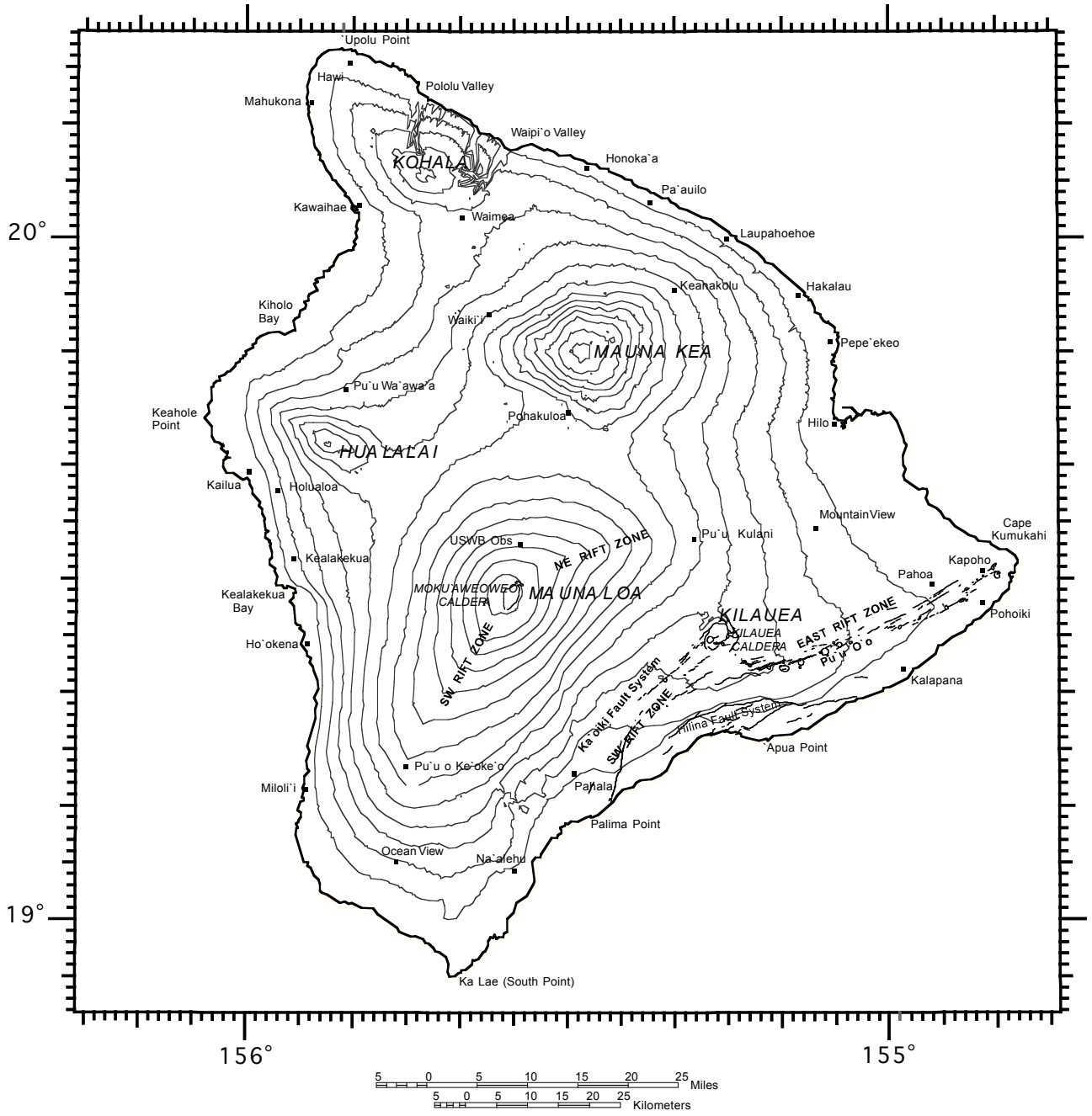

Figure 1. Map of Hawai'i Island, showing principal settlements and other selected geologic features. The contours are in 1000 ft intervals.

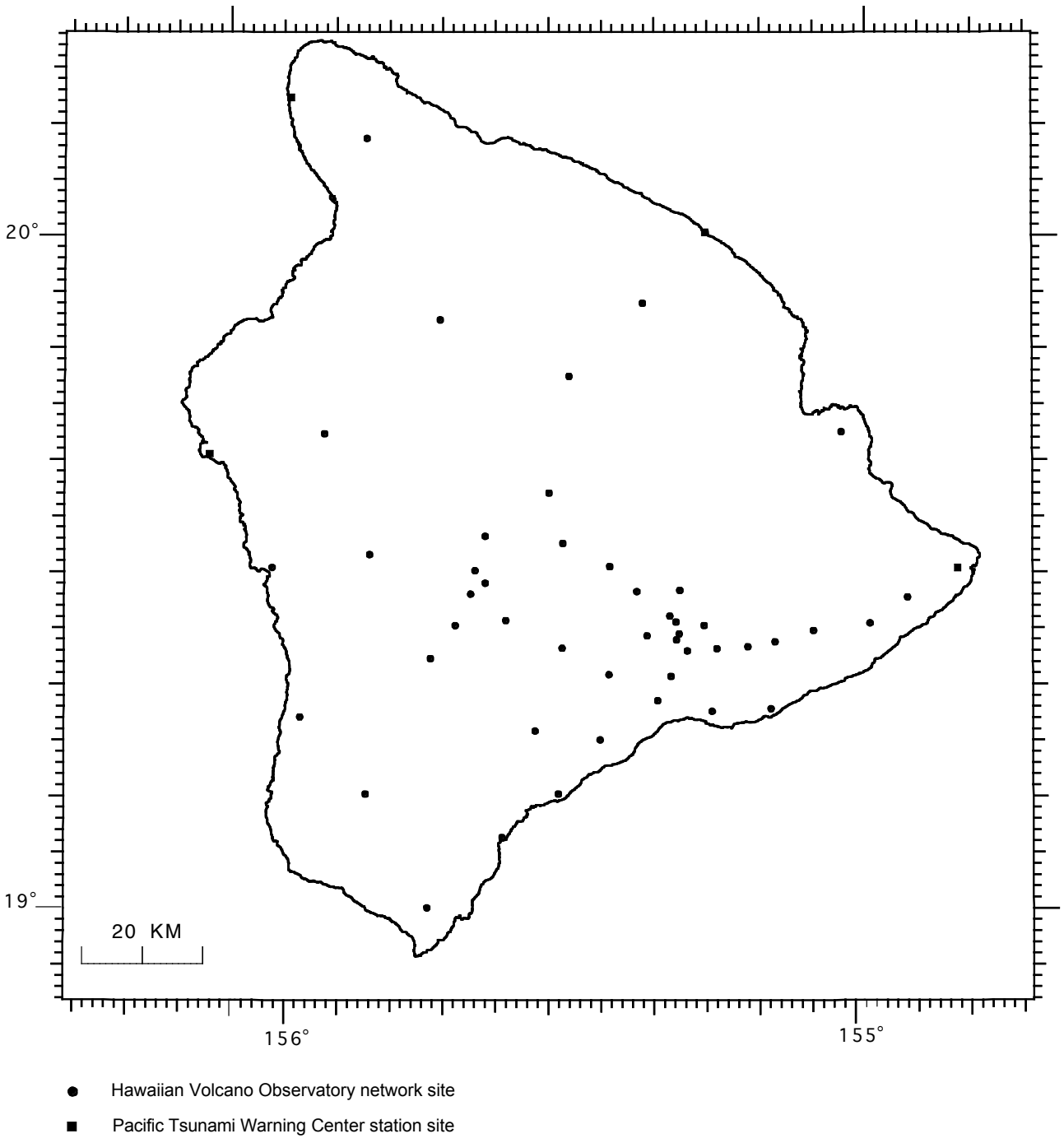

Figure 2. The 2007 Hawaiian Volcano Observatory and Pacific Tsunami Warning Center seismic network on Hawai'i Island.

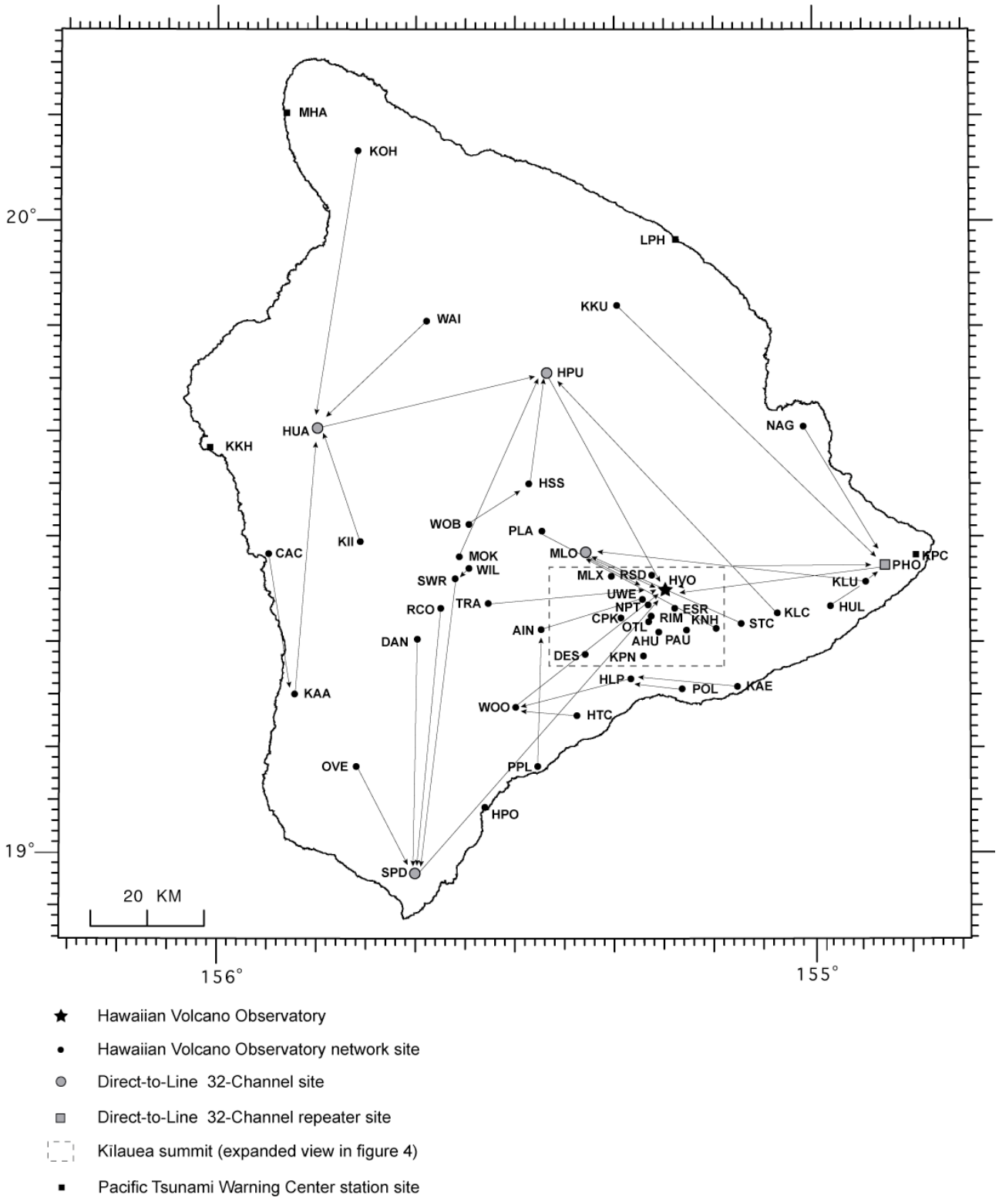

Figure 3. Telemetry scheme for the 2007 Hawaiian Volcano Observatory and Pacific Tsunami Warning Center seismic network on Hawai'i Island. Figure 4 is an expanded view of Kīlauea summit, indicated by the broken line.

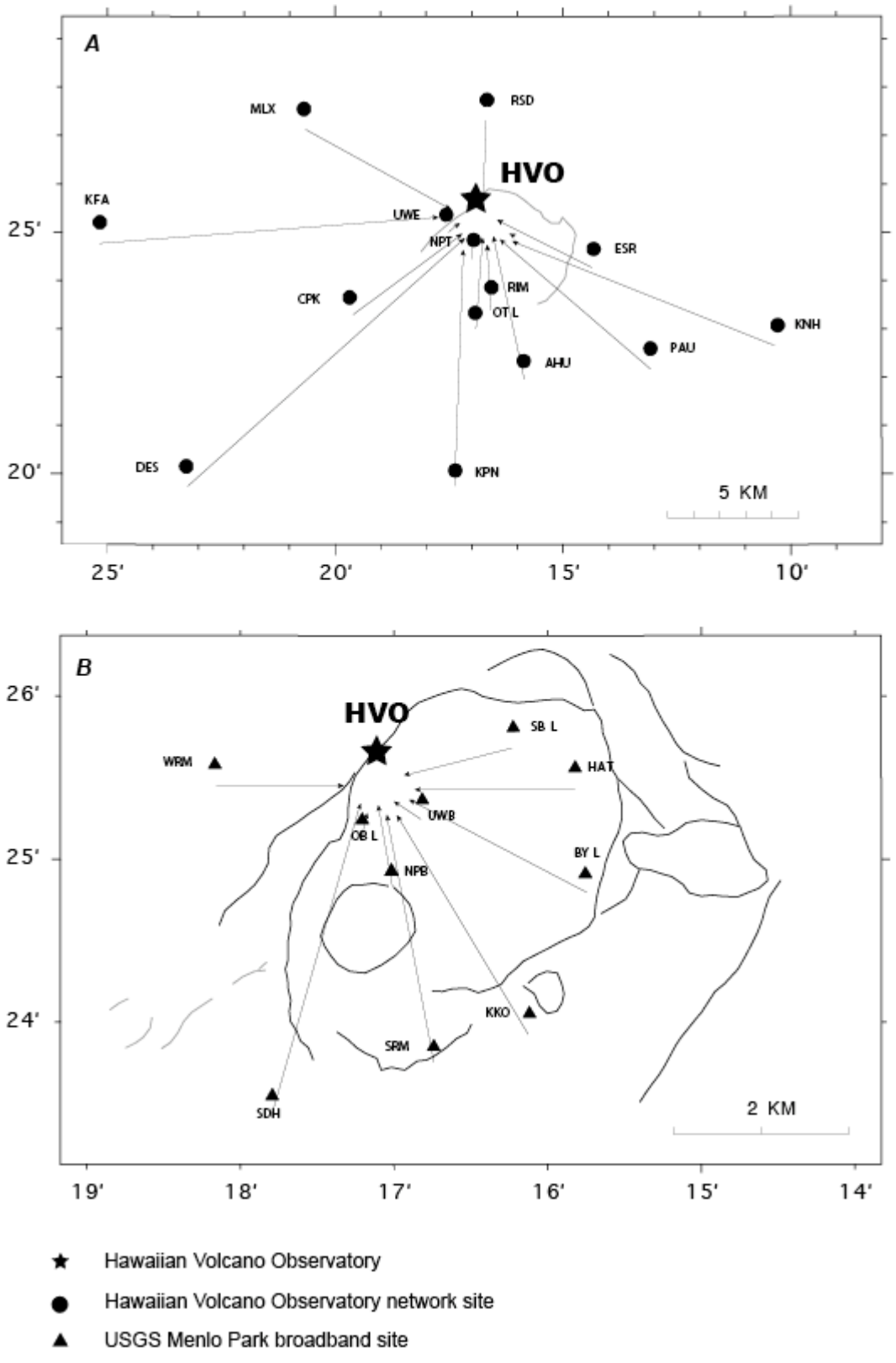

Figure 4. Expanded view of the Kīlauea summit inset in figure 3 showing the telemetry scheme for *A*, the 2007 Hawaiian Volcano Observatory seismic network sites and *B*, the 2007 USGS Menlo Park broadband seismic network.

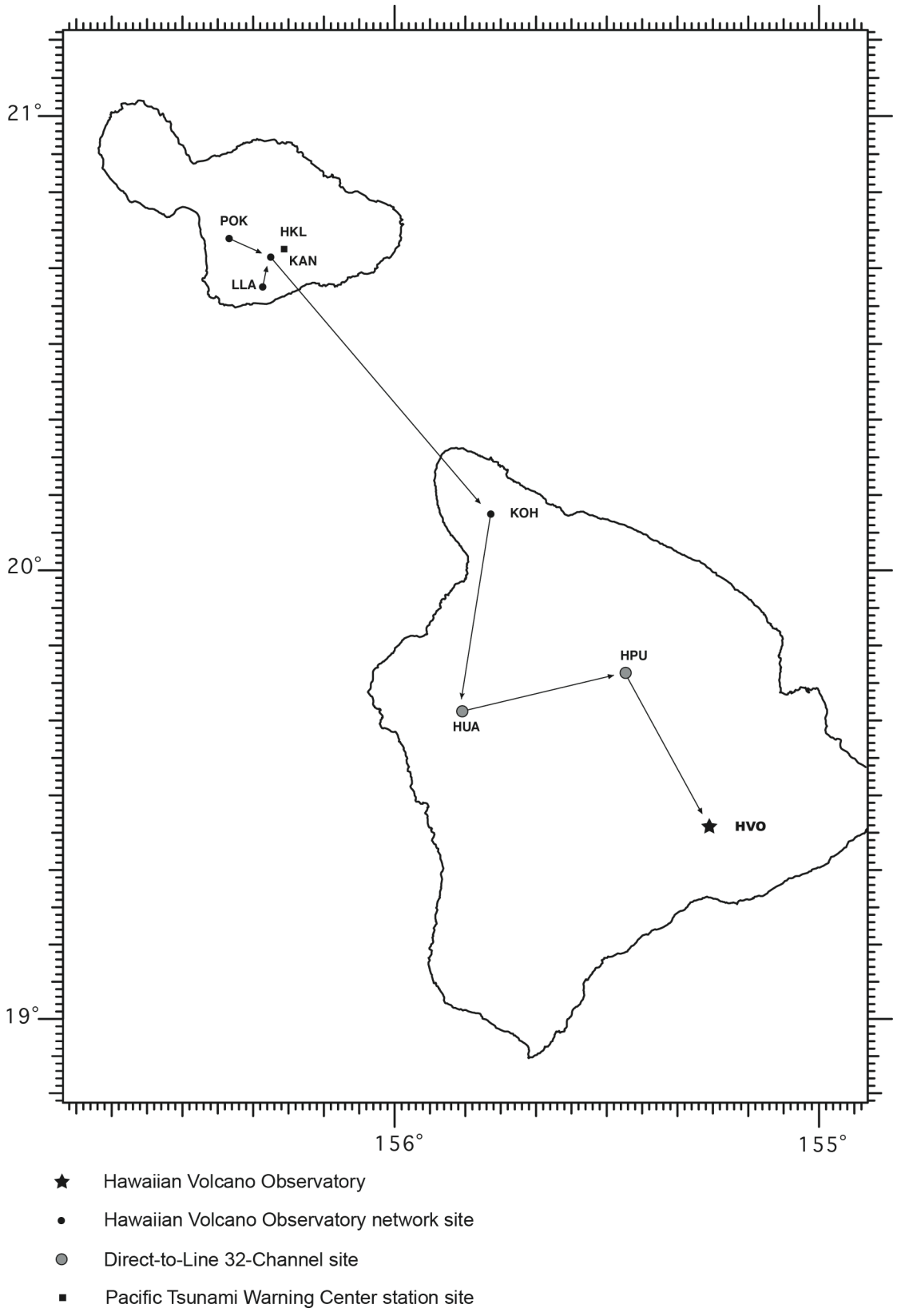

Figure 5. Telemetry scheme for the 2007 Hawaiian Volcano Observatory and Pacific Tsunami Warning Center seismic network on Maui Island, Hawai'i. The HVO stations were not in operation, thus produced no phase data for the 2007 catalog.

Table 1. Seismic-station sites and components operated by the USGS in Hawai‘i during 2007.

[During the year, there may have been outage periods that required station maintenance at certain sites.]

STATION NAME	CODE	--LAT--- D	M	---LON--- D	M	ELEV (M)	DELAY 1	DELAY 2	CAL	SEIS TYPE	OPTIC RECORD
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	
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, OA	DHHZ	21	16.12	157	48.25	137	0.00	0.00	0.0	S13	
ESCAPE ROAD	ESRV	19	24.68	155	14.33	1177	-0.17	-0.19	1.2	L5	
HALEAKALA, MAUI	HKLZ	20	42.63	156	15.55	3051	0.00	0.00	0.0	S13	
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	S13	
HONOLULU, OAHU	HONE	21	19.30	158	0.50	2	0.00	0.00	0.0	S13	
HONOLULU, OAHU	HONN	21	19.30	158	0.50	2	0.00	0.00	0.0	S13	
HONUAPO	HPOZ	19	5.34	155	33.23	15	0.00	0.00	0.0	S13	
HALE POHAKU	HPUV	19	46.72	155	27.54	3396	0.31	0.17	3.3	L5	
HUMUULA SHEEP ST	HSAZ	19	36.31	155	29.13	2445	0.20	0.35	0.0	F5	
HUMUULA SHEEP ST	HSAN	19	36.31	155	29.13	2445	0.20	0.35	0.0	F5	
HUMUULA SHEEP ST	HSAE	19	36.31	155	29.13	2445	0.20	0.35	0.0	F5	
HUMUULA SHEEP ST	HSSV	19	36.31	155	29.13	2445	0.20	0.35	4.0	L5	
HUMUULA SHEEP ST	HSSE	19	36.31	155	29.13	2445	0.20	0.35	3.0	L5 MW	
HUMUULA SHEEP ST	HSSN	19	36.31	155	29.13	2445	0.20	0.35	3.0	L5 MW	
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	
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	KAAV	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	
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 MW	
KANEKII	KIIN	19	30.56	155	45.90	1841	0.15	0.37	3.0	L5 MW	
KIPAPA, OAHU	KIPZ	21	25.40	158	0.90	2	0.00	0.00	0.0	S13	
KAILUA, KONA	KKHZ	19	39.40	156	1.12	1	0.00	0.00	0.0	S13	
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	
KAPOHO CONE	KPCZ	19	30.02	154	50.51	134	0.00	0.00	0.0	S13	
KIPUKA NENE	KPNV	19	20.10	155	17.40	924	-0.11	-0.08	3.5	L5	
KUPAINAHA	KUPV	19	24.32	155	4.68	646	-0.25	-0.30	0.0	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	S13	

STATION NAME	CODE	--LAT--- D	M	---LON--- D	M	ELEV (M)	DELAY 1	DELAY 2	CAL	SEIS TYPE	OPTIC RECORD
MAHUKONA	MHAZ	20	11.27	155	54.18	1	0.00	0.00	0.0	S13	
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 MW	
MAUNA LOA	MLON	19	29.80	155	23.30	2010	0.03	0.08	3.0	L5 MW	
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	IH
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	S13	
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	
PAUAHI	PAUV	19	22.62	155	13.10	994	-0.21	-0.24	2.9	L5	
PAUAHI	PAUE	19	22.62	155	13.10	994	-0.21	-0.24	3.0	L5 MW	
PAUAHI	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
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	H
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	S13	
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 Kinemetric Ranger SS1 (R); (L) and (R) are 1.0-second 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) Kinemetric Force-Balance Accelerometer (FBA23).

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

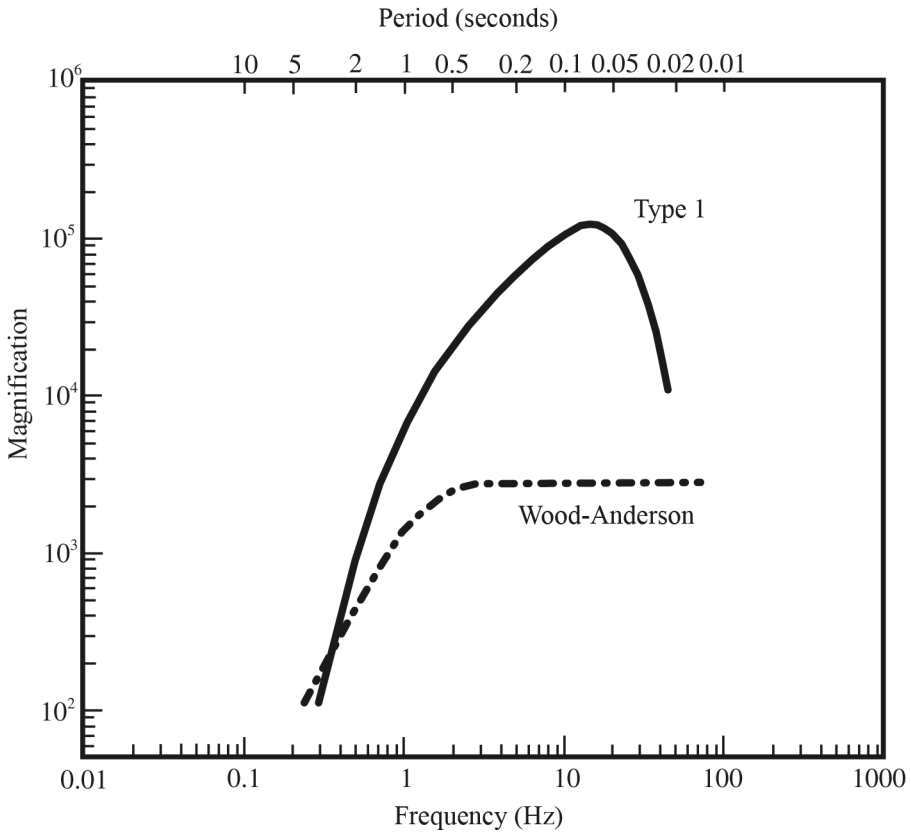

Figure 6. System-response curves for the Wood-Anderson torsion seismograph and for seismometers used by the Hawaiian Volcano Observatory. The Type 1 curve plots the unit response of the standard USGS microearthquake seismometer system, as would be recorded on Develocorder film. This includes the geophone, all electronics, including telemetry, Develocorder galvanometer, and a 20x magnification film 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 micoearthquakes from source regions around Kīlauea 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 routine. Discriminated signals pass through an analog-to-digital converter, and detected events are saved in real time. Detected events are then demultiplexed, and P-picks are made by the computer, producing a rough location. Events are examined by an analyst on a graphics terminal in order to refine computer P-picks and to time additional P- and S-phases for a preliminary location. Binary .mem files are translated into ASCII phase files. Locations and amplitude magnitudes are then determined by using the program HYPOINVERSE-2000 (Klein, 2002)[2]. Events are reworked and rerun, as needed, to produce a final solution.

Through May 2005, CUSP .grm and .mem files were archived directly onto magneto-optical media. Since June 2005, the binary files have been archived to a second Alpha node then stored on a RAID system. Files stored on the magneto-optical media through May 2005 will be transferred to the RAID storage.

In July 1992, HVO acquired VAX servers and workstations needed to run the upgraded version of CUSP. The servers are used for data acquisition and the workstations are used for interactive earthquake timing. In addition to timing P and S arrival signals, the VAX workstations were then 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].

HVO currently operates Earthworm software to record all HVO seismic data, including the exchange of seismic data with cooperating networks. HVO also utilizes the Earthworm processing system for rapid computation of earthquake products (locations, magnitude, spectrograms, helicorders, ShakeMaps, and recent earthquakes Web pages). Analysis of triggered events and seismic-catalog generation is accomplished by using CUSP and HYPOINVERSE processing platforms.

Earthquake hypocenters are computed within a one-dimensional velocity model. The model is specified by velocities at four depth points, as listed below. Velocity at any depth above a homogeneous half-space is given by linear interpolation between points:

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 Kīlauea and its south flank. A combination of both 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 to offshore earthquakes. For a detailed description, refer to HYPOINVERSE-2000 (Klein, 2002)[2].

Magnitudes for events are computed by 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 by using the curves shown in figure 6 and the CAL factors listed in table 1.

Duration magnitude is determined by the length of the 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., and Koyanagi, R.Y., 1980, Hawaiian Volcano Observatory seismic network history, 1950-1979: U.S. Geological Survey Open-File Report 80-302, 84 p.

[3] 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 Catalog

The emphasis in both station coverage and detailed data analysis is on the highly active southern half of the Island of Hawai‘i. The data set of well-recorded, located earthquakes in the Hawai‘i Island region is nearly complete above magnitude 2.0. Many smaller in earthquakes in the Kīlauea region are locatable because of the dense instrumental coverage. Substantial effort is made to locate earthquakes elsewhere within the Hawaiian Archipelago, and althought such coverage cannot be as complete as it is in southern Hawai‘i, 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, boundary precedence is as shown in 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 are HYPOINVERSE classified 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	Kīlauea south flank (5–13 km) (west end)
10	SF2	Kīlauea south flank (5–13 km)
11	SF3	Kīlauea south flank (5–13 km)
12	SF4	Kīlauea south flank (5–13 km)
13	SF5	Kīlauea south flank (5–13 km) (east end)
14	LER	Lower east rift (5–13 km)
15	MLO	Mauna Loa (0–13 km)
16	LSW	Lower southwest rift zones of Kīlauea and Mauna Loa (0–13 km)
17	GLN	Glenwood (0–13 km)
18	SWR	Southwest rift zone of Kīlauea (0–13 km)
19	INT	Intermediate caldera (5–13 km)
20	KAO	Ka‘ōiki (0–13 km)

Deep:

21	DEP	Deep Kīlauea (>13 km) (below regions 1–13, 17–19)
22	DLS	Deep lower southwest rift zone of Kīlauea 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	Lō‘ihi
25	KON	South Kona
26	HUA	Hualālai
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, boundary precedence is as shown 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

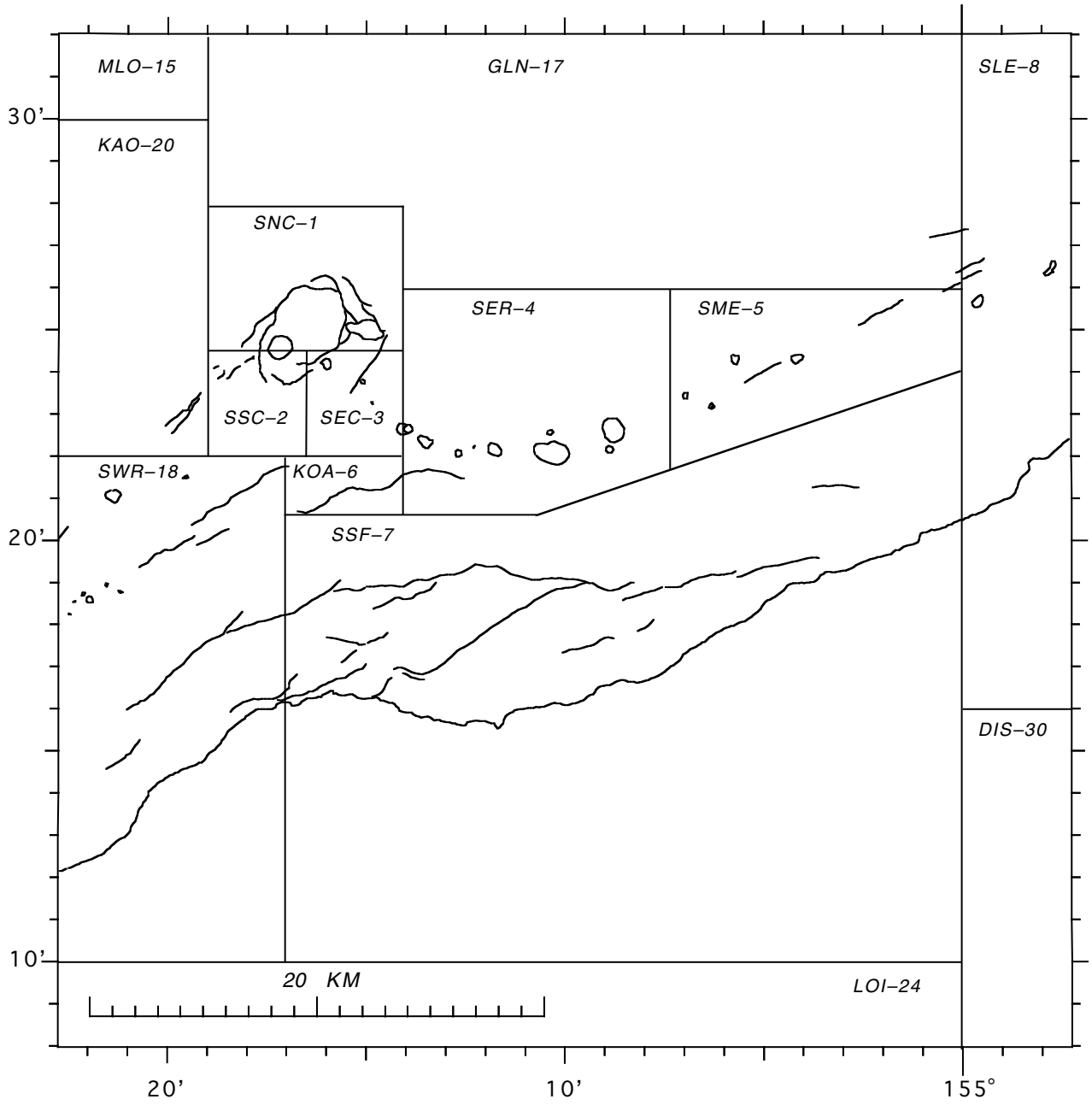

Figure 7. Regions for earthquake classification for Kīlauea and the east flank of Mauna Loa, Hawai'i. Depth range and coordinate boundaries for each region are described in table 3.

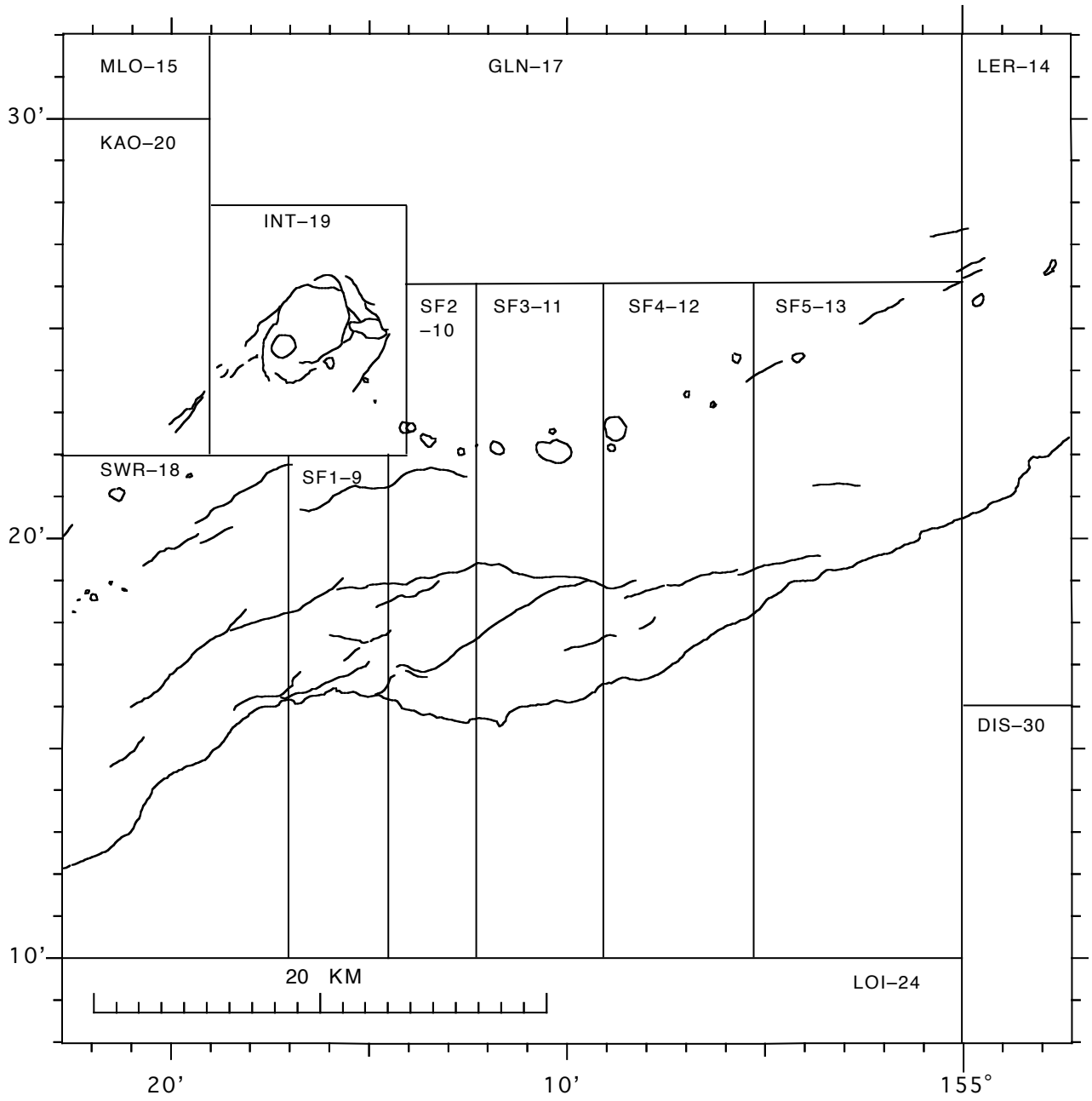

Figure 8. Regions for earthquake classification for Kīlauea and the east flank of Mauna Loa, Hawai‘i. Depth range and coordinate boundaries for each region are described in table 3.

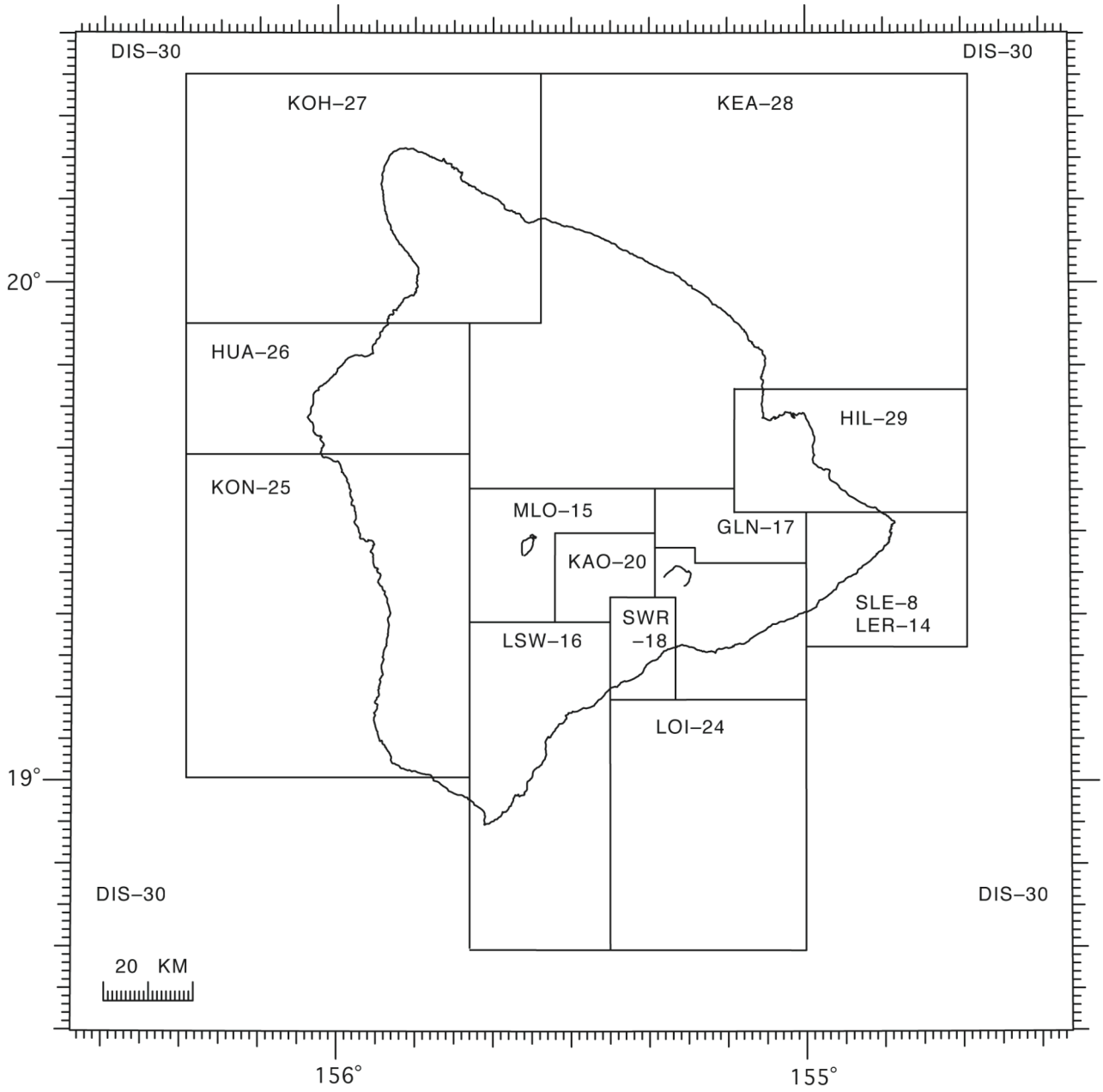

Figure 9. Regions for earthquake classification for Hawai‘i Island. Depth range and coordinate boundaries for each region are described in table 3.

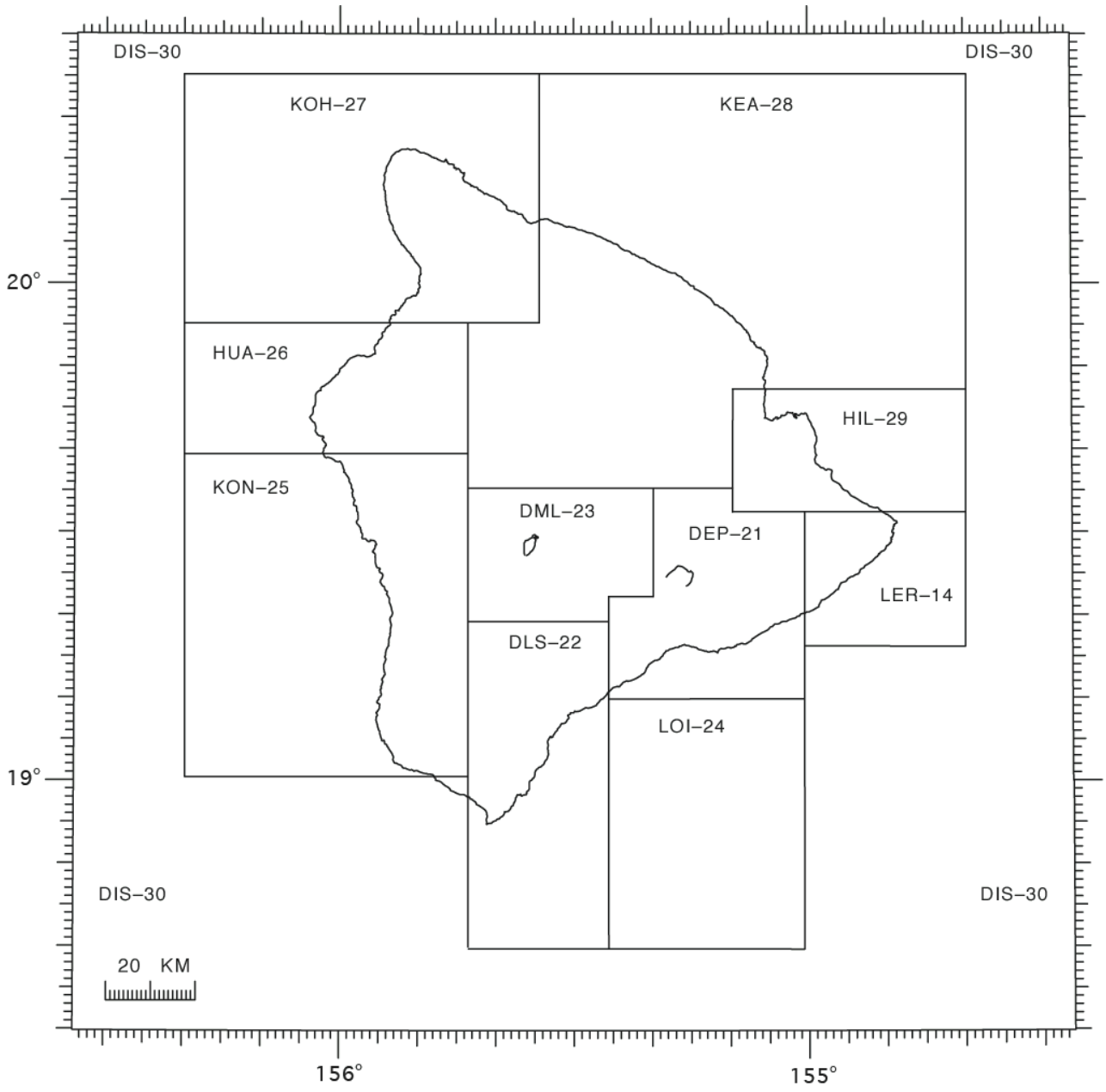

Figure 10. Regions for earthquake classification for the Hawai‘i Island. Depth range and coordinate boundaries for each region are described in table 3.

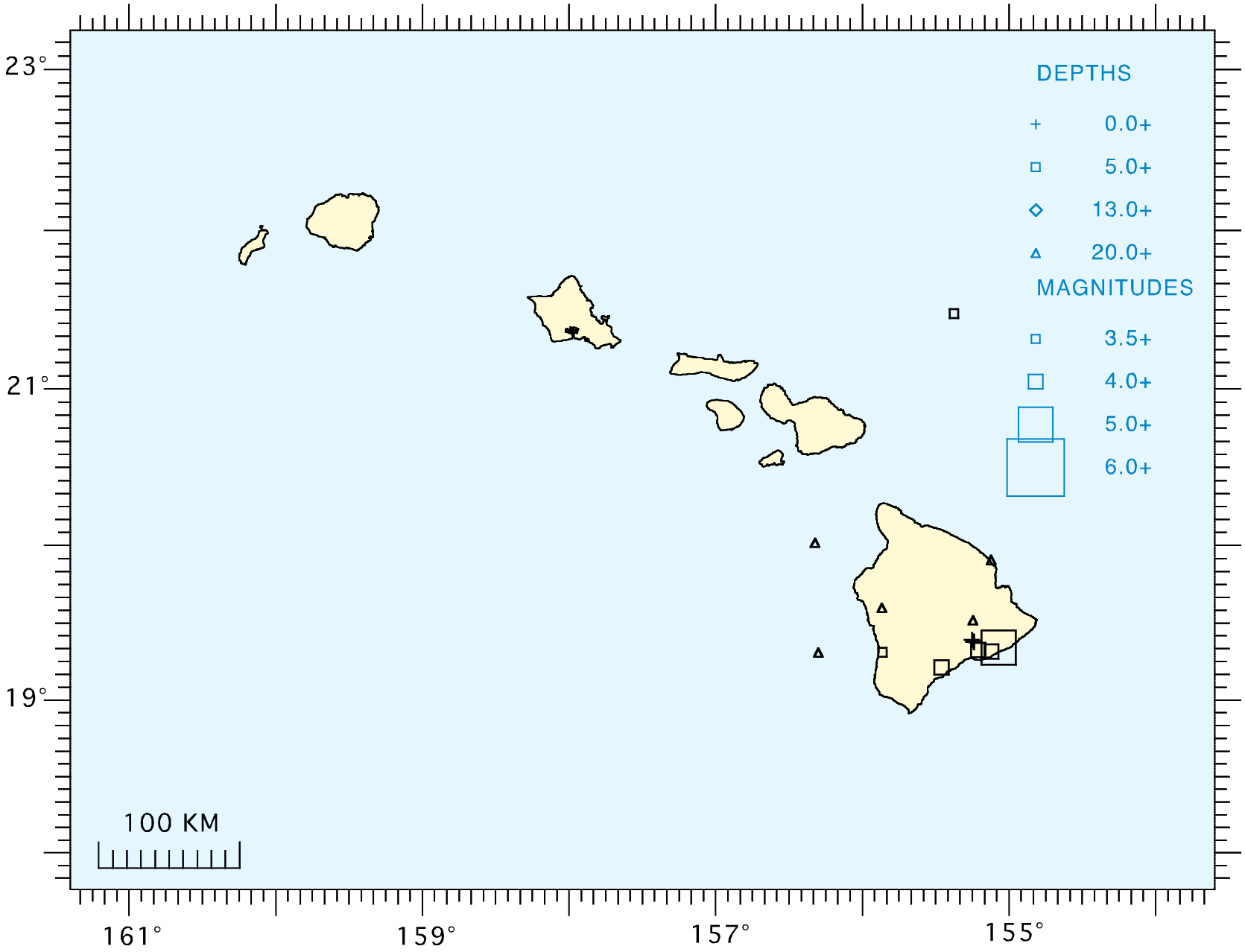

Figure 11. 2007 earthquake locations, Hawaiian Islands, 0–60 km deep, M≥3.5.

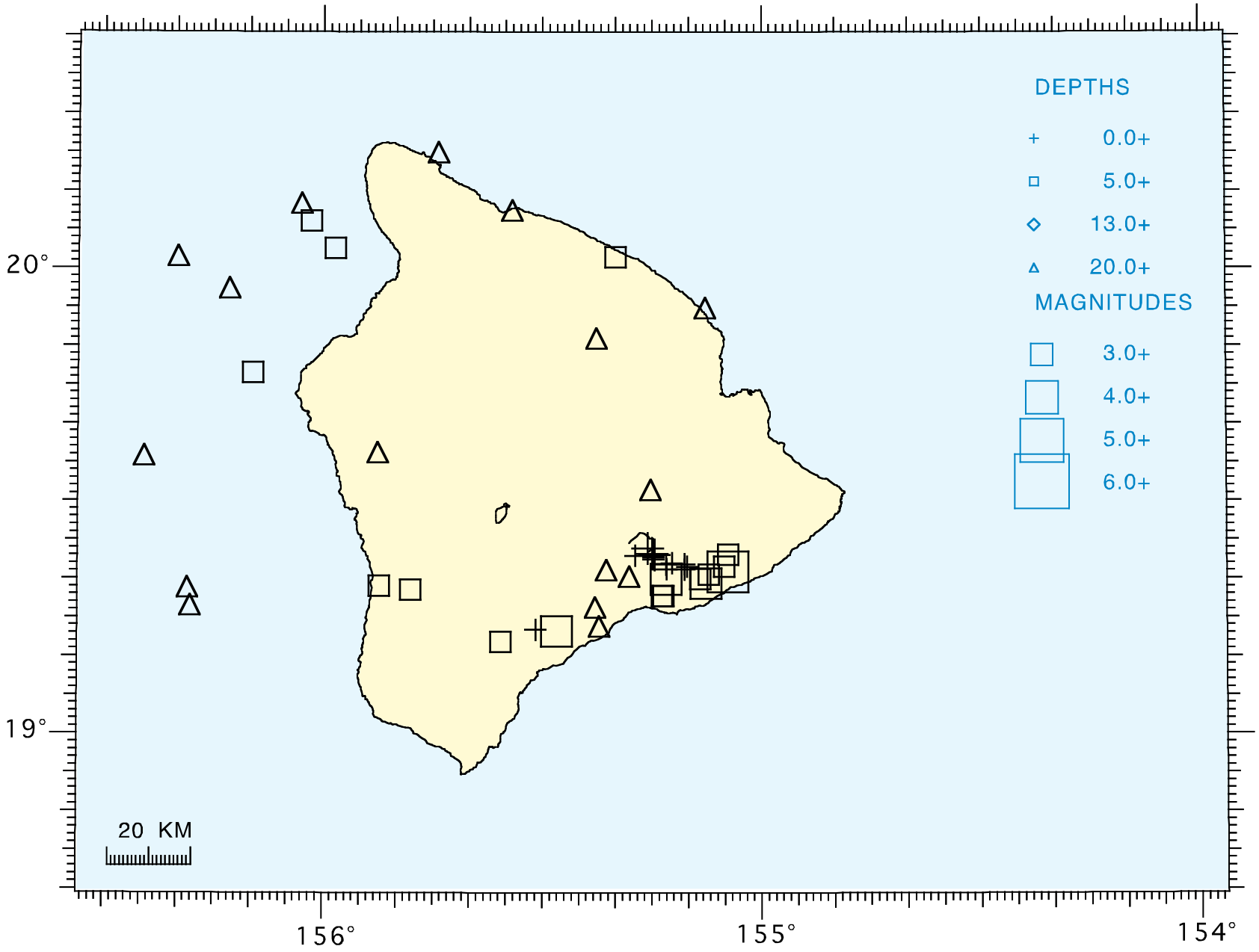

Figure 12. 2007 earthquake locations, Hawai'i Island, 0–60 km deep, M≥3.0.

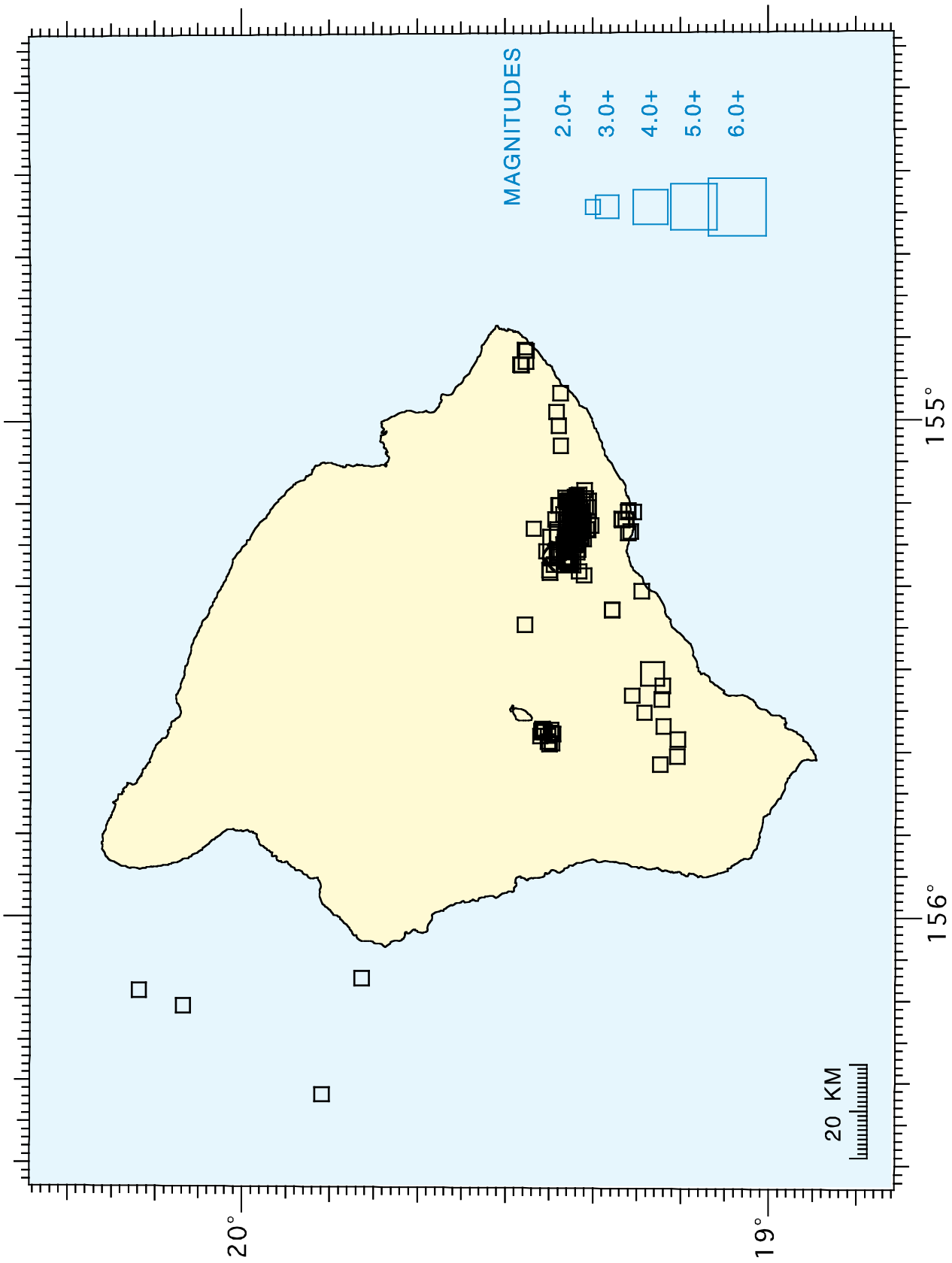

Figure 13. 2007 earthquake locations, Hawai‘i Island, shallow (0–5.0 km deep), M≥2.0.

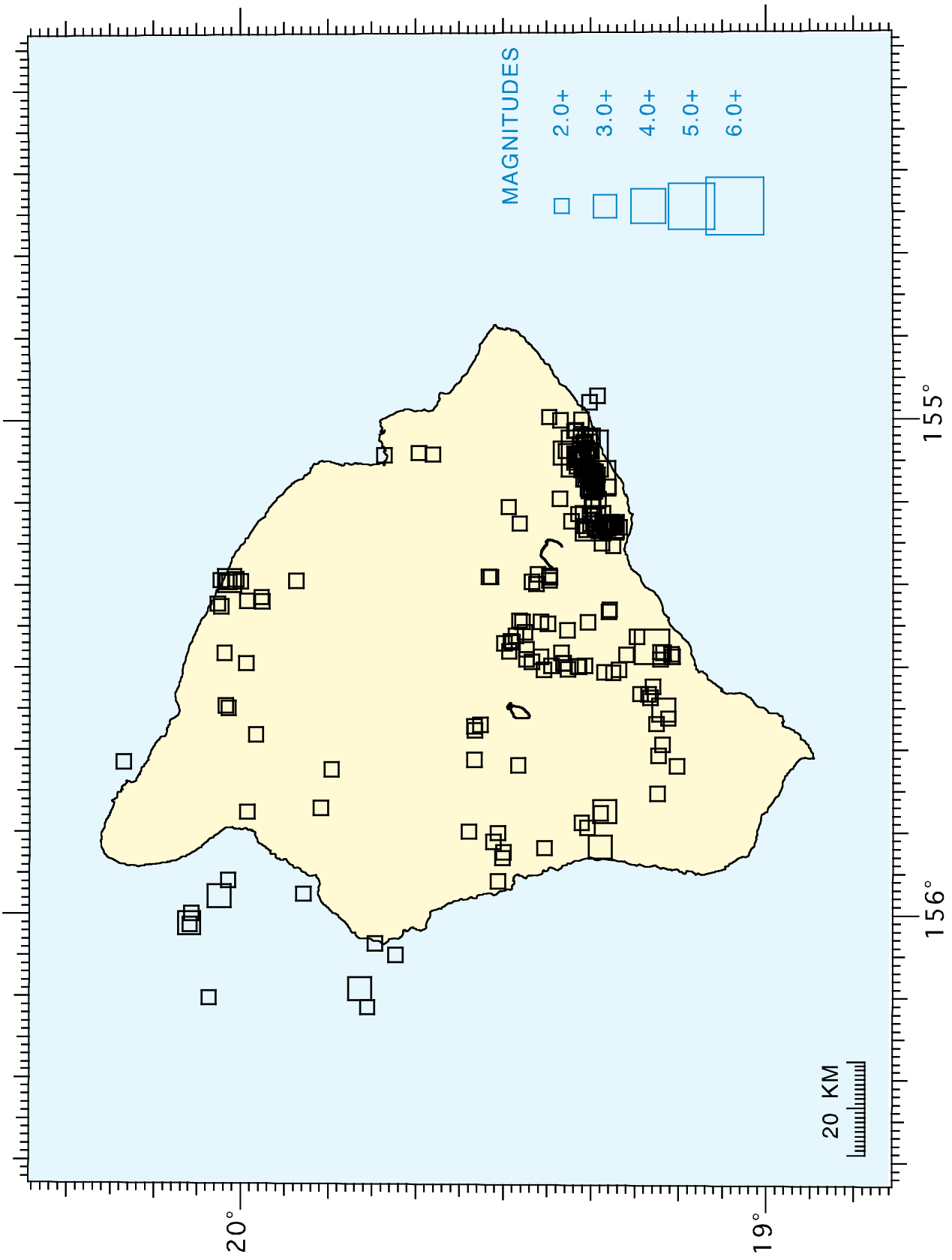

Figure 14. 2007 earthquake locations, Hawai‘i Island, intermediate depth (5.1–13.0 km deep), M≥2.0.

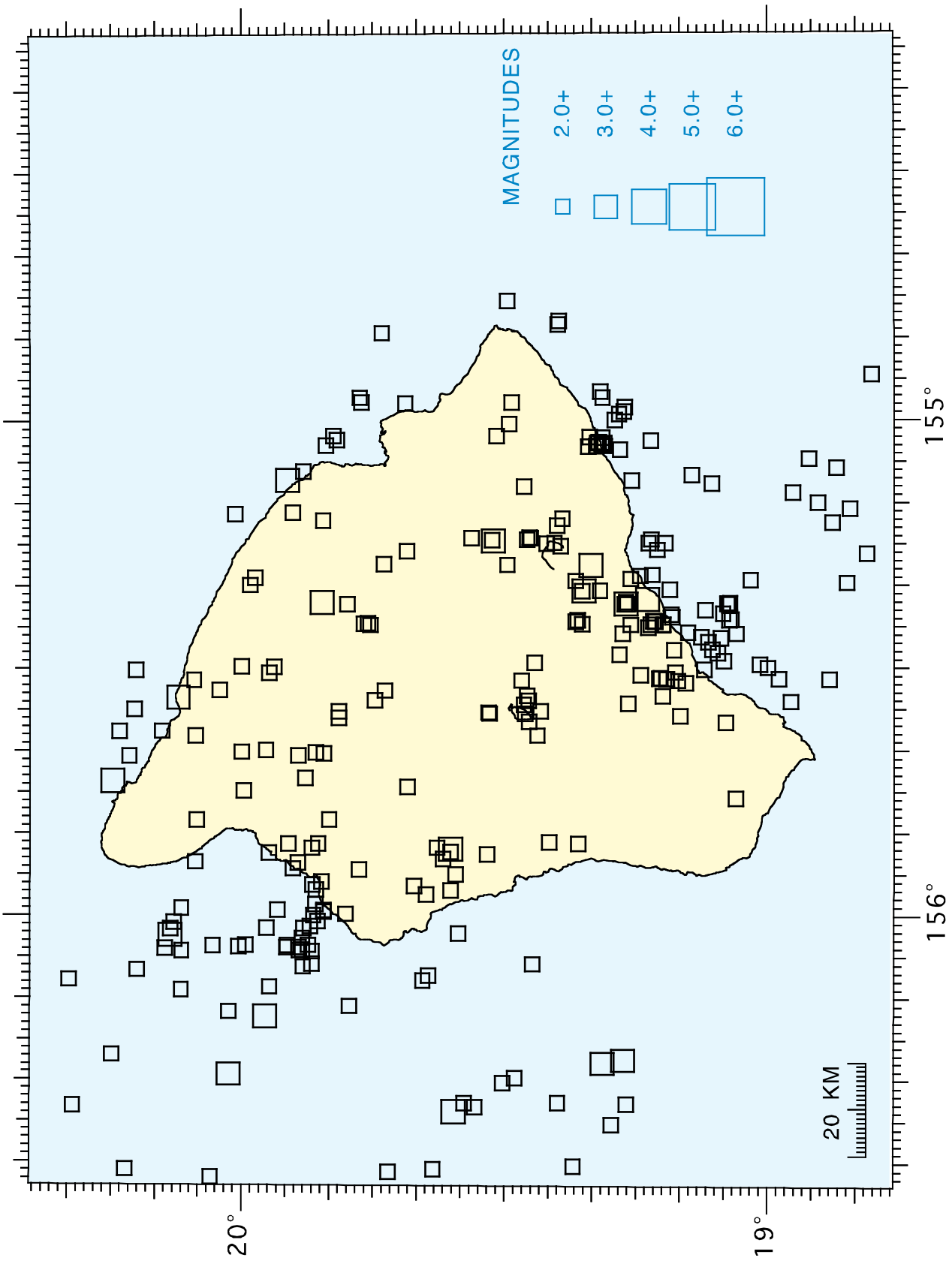

Figure 15. 2007 earthquake locations, Hawai‘i Island, deep (13.1–60.0 km deep), M≥2.0.

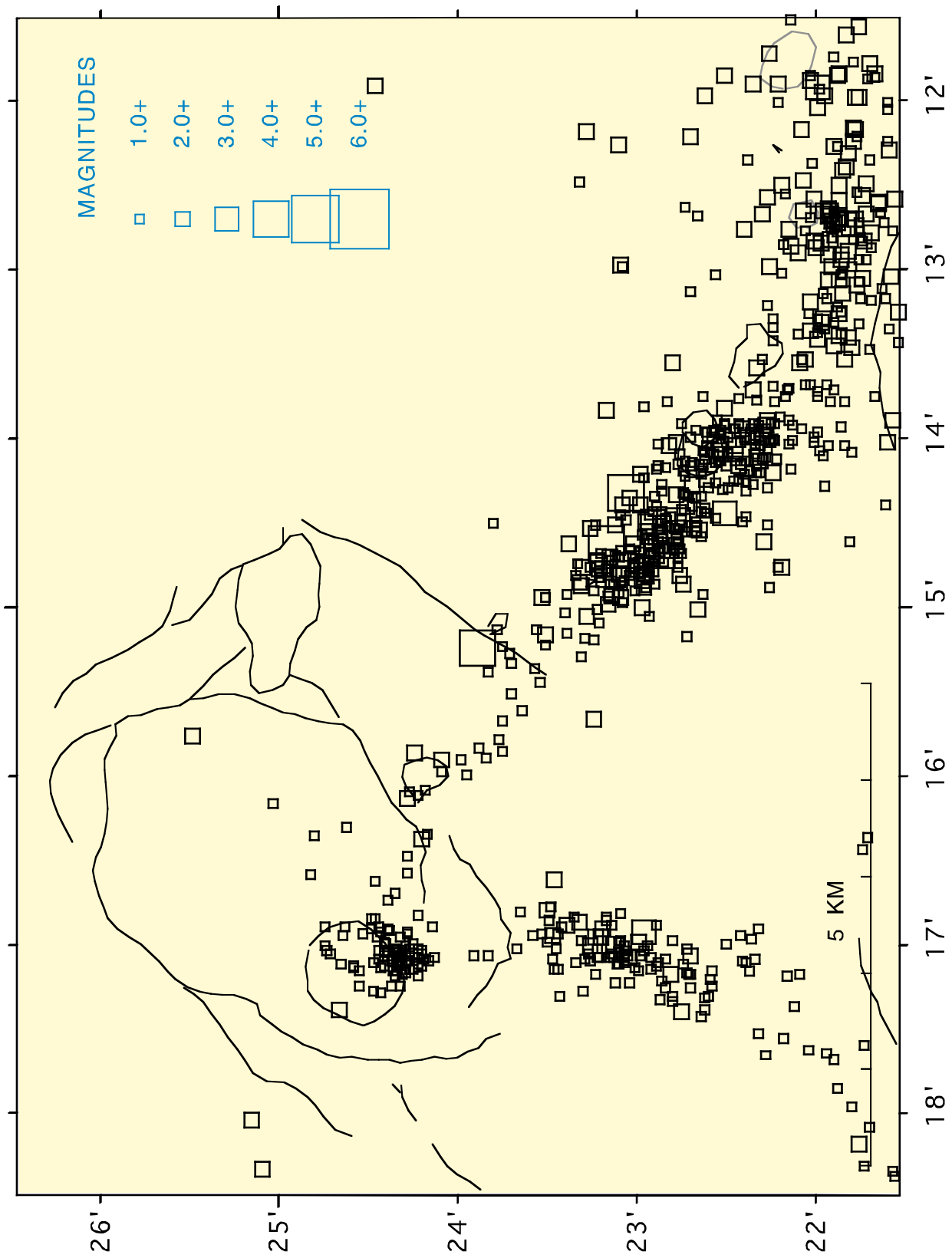

Figure 16. 2007 earthquake locations, Kīlauea summit, shallow (0–5 km deep), M≥1.0.

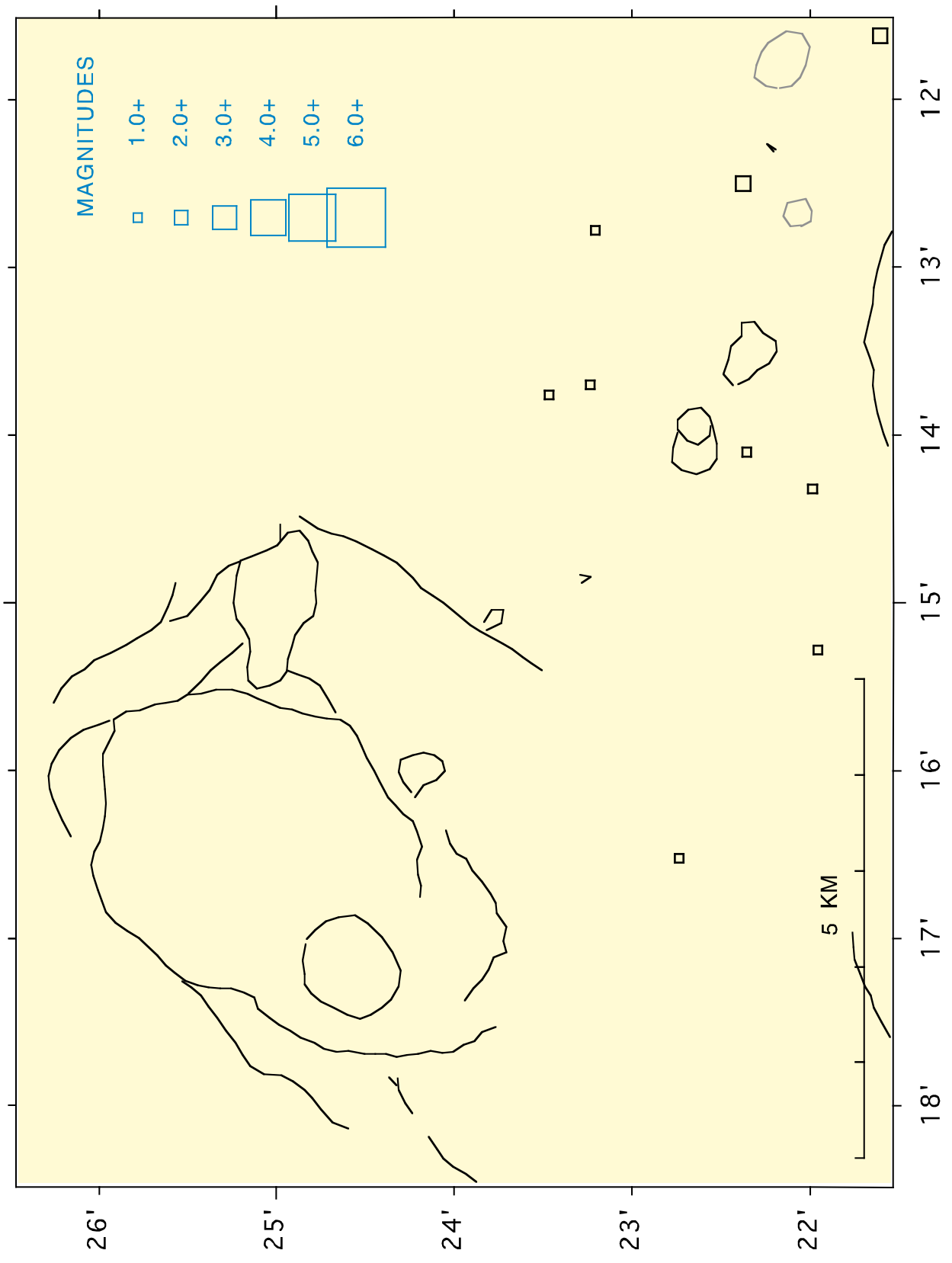

Figure 17. 2007 earthquake locations, Kīlauea summit, intermediate depth (5.1–13.0 km deep), M≥1.0.

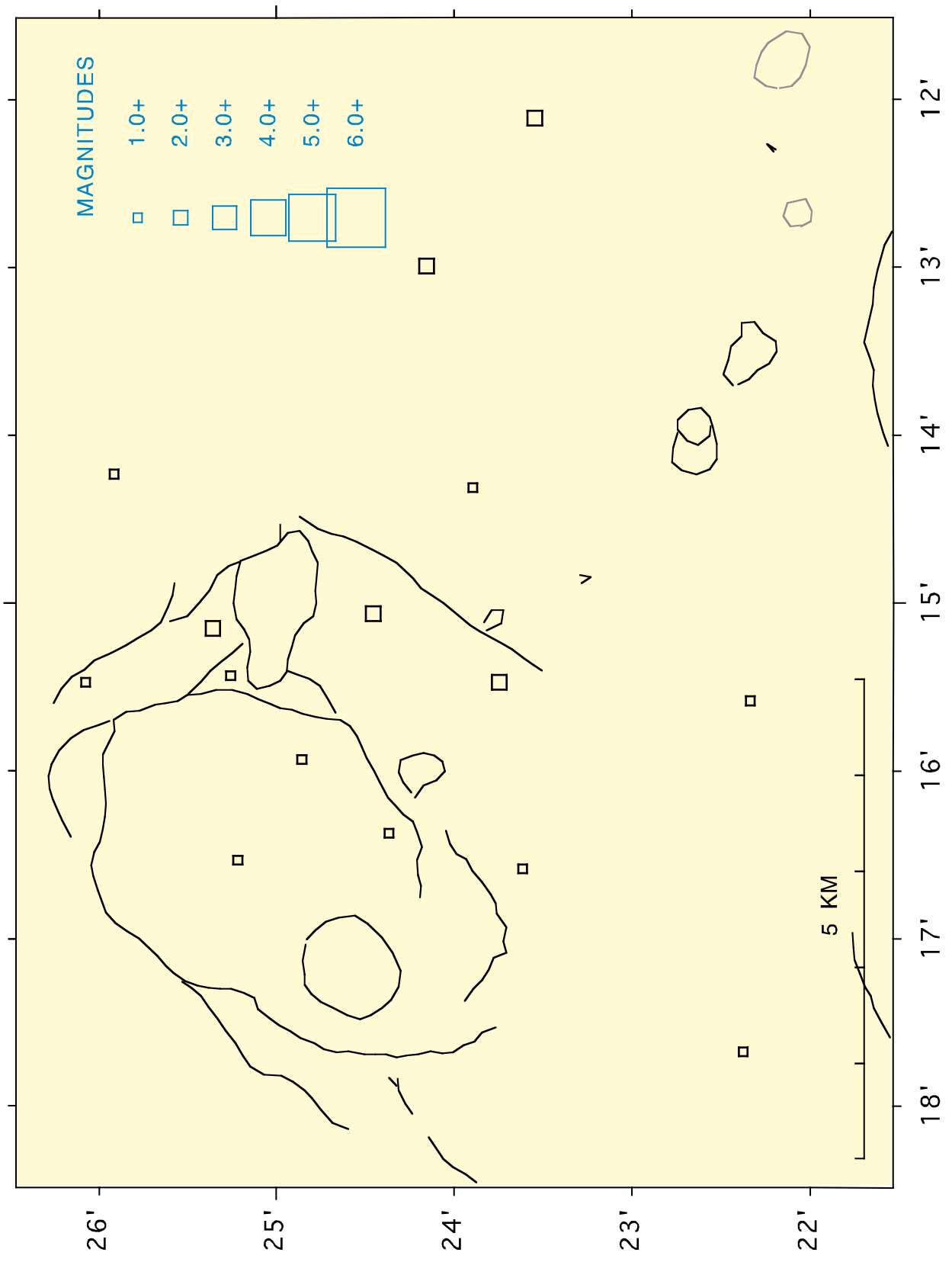

Figure 18. 2007 earthquake locations, Kīlauea summit, deep (13.1–60.0 km deep), M≥1.0.

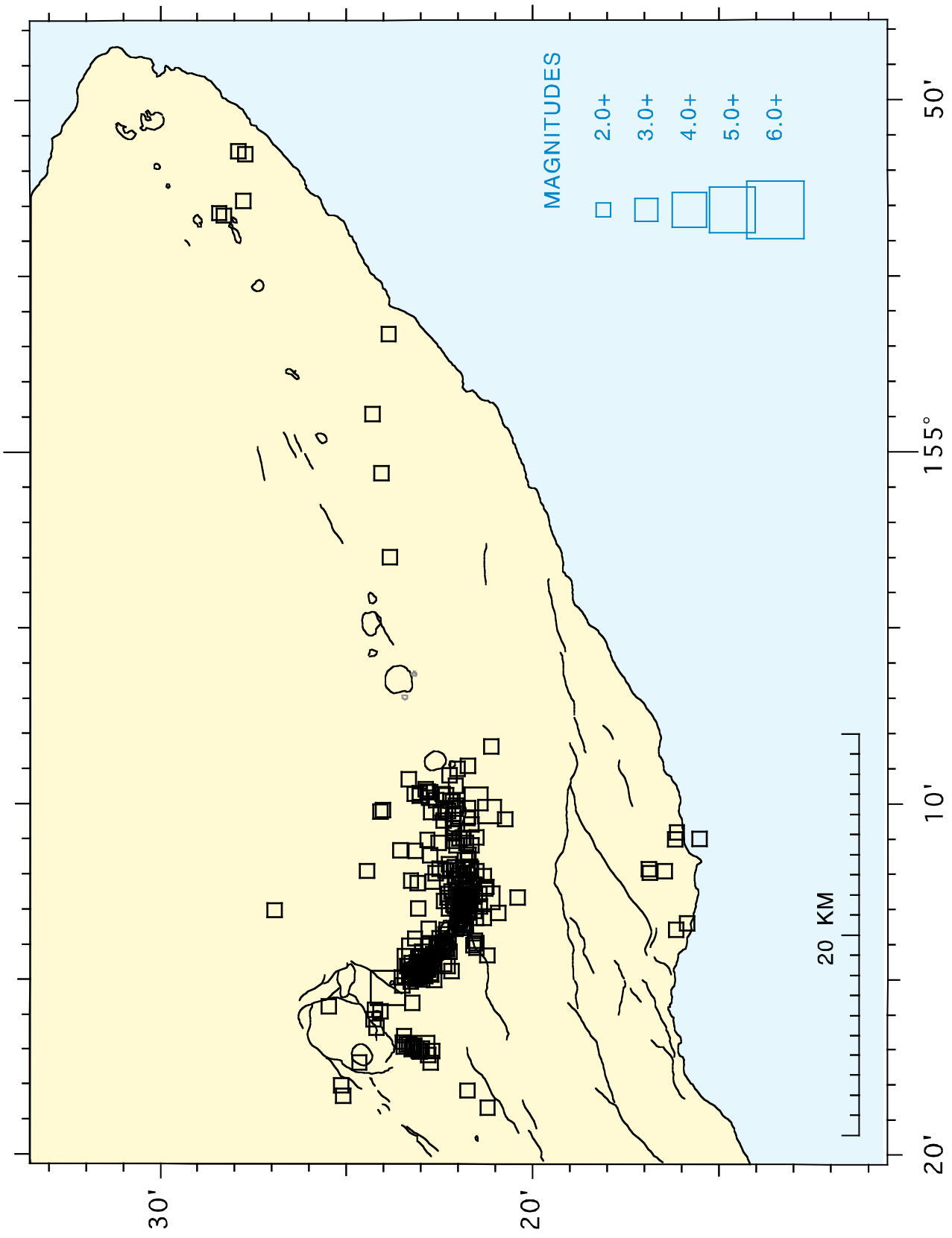

Figure 19. 2007 earthquake locations, Kīlauea south flank, shallow (0–5 km deep), M≥2.0.

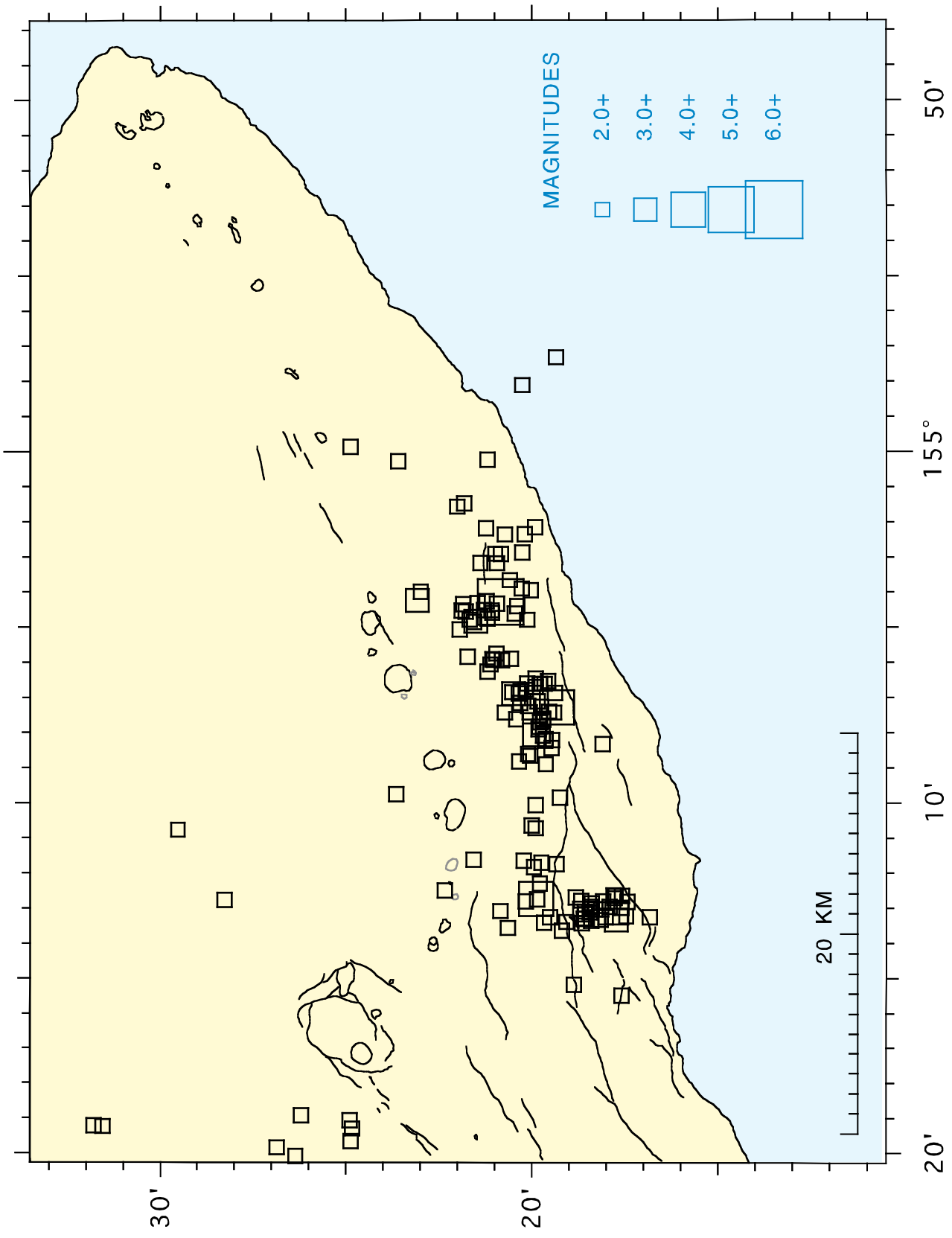

Figure 20. 2007 earthquake locations, Kīlauea south flank, intermediate depth (5.1–13.0 km deep), M≥2.0.

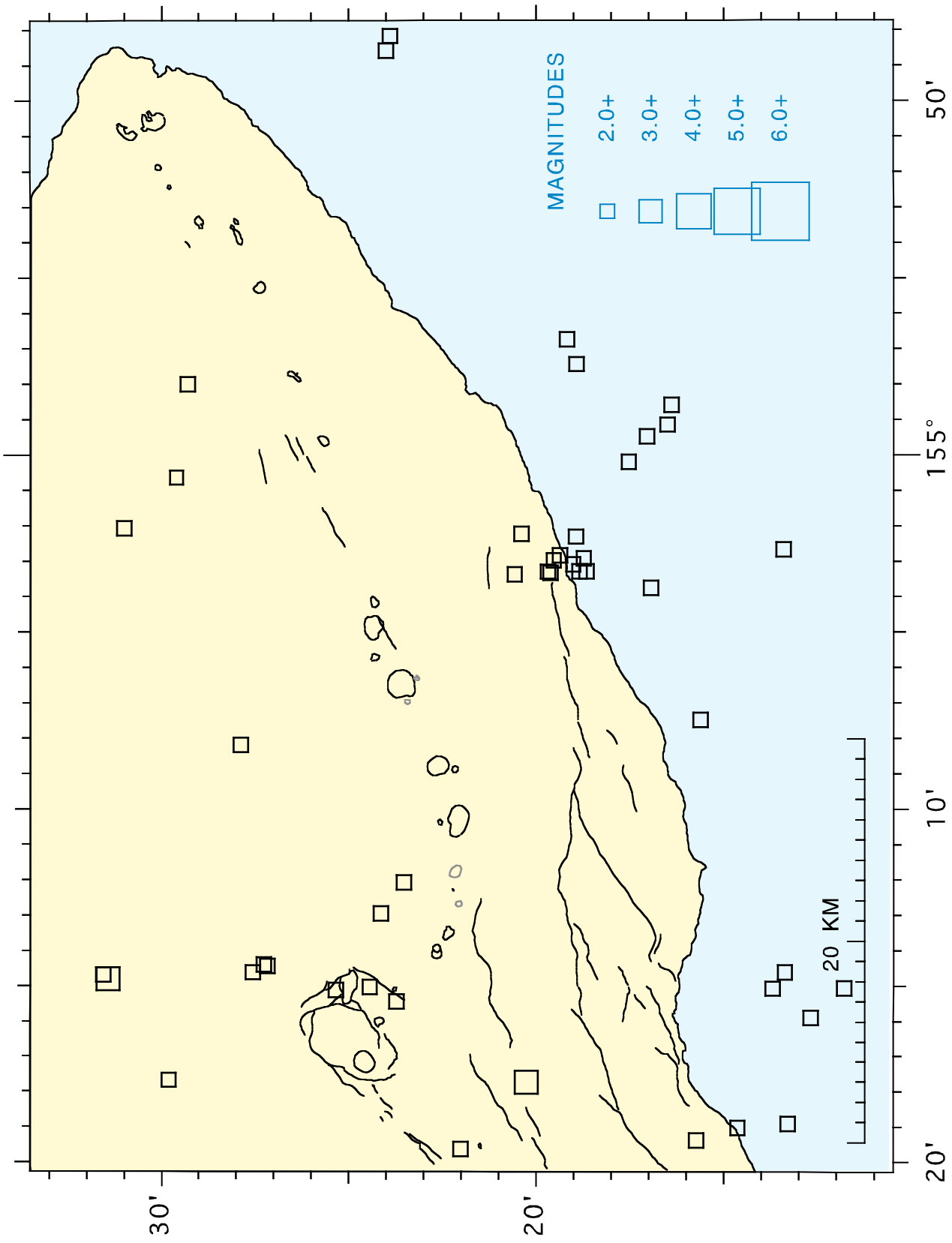

Figure 21. 2007 earthquake locations, Kīlauea south flank, deep (13.1–60.0 km deep), M≥2.0.

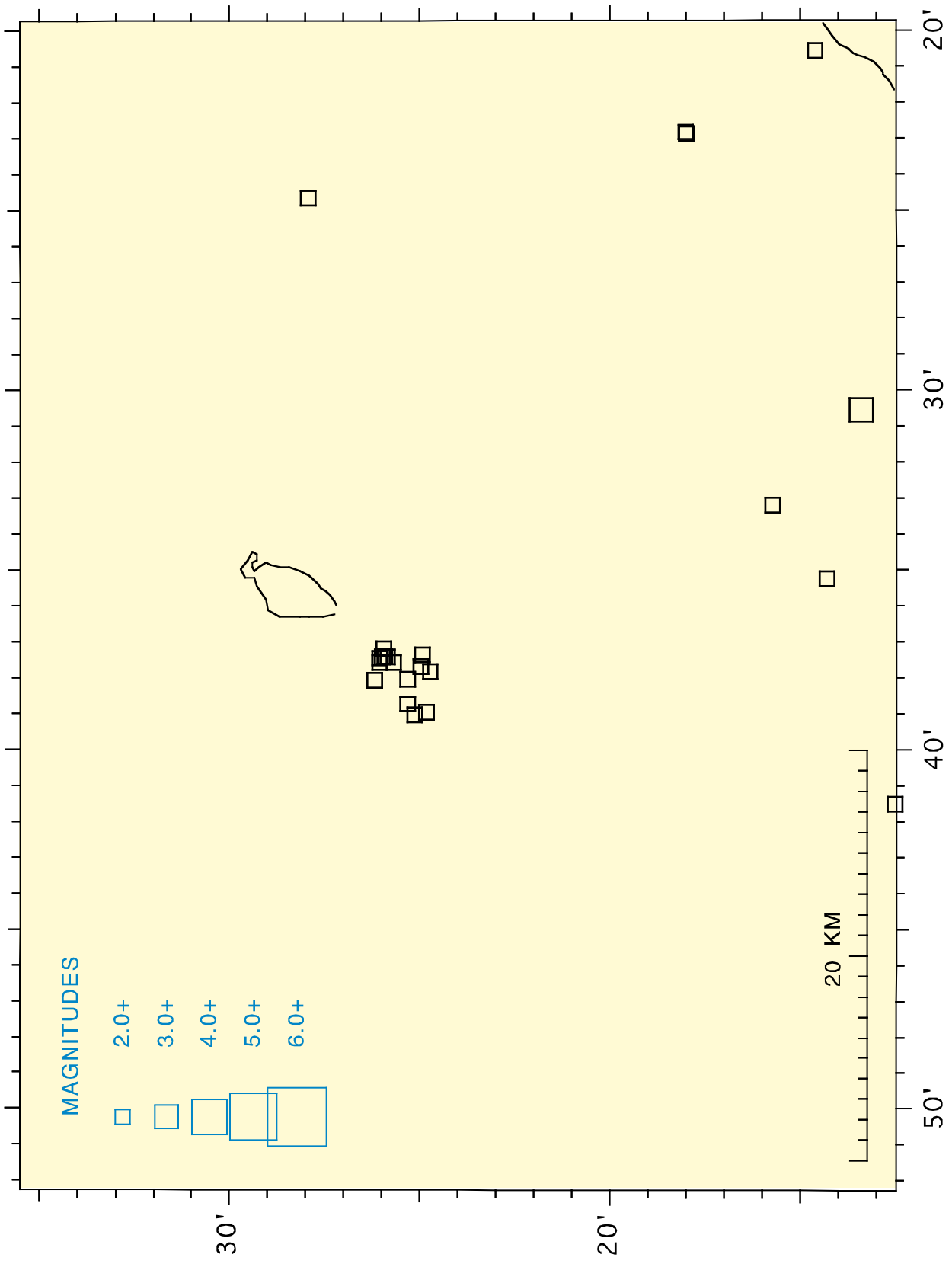

Figure 22. 2007 earthquake locations, Mauna Loa summit, shallow (0–5 km deep), M≥2.0.

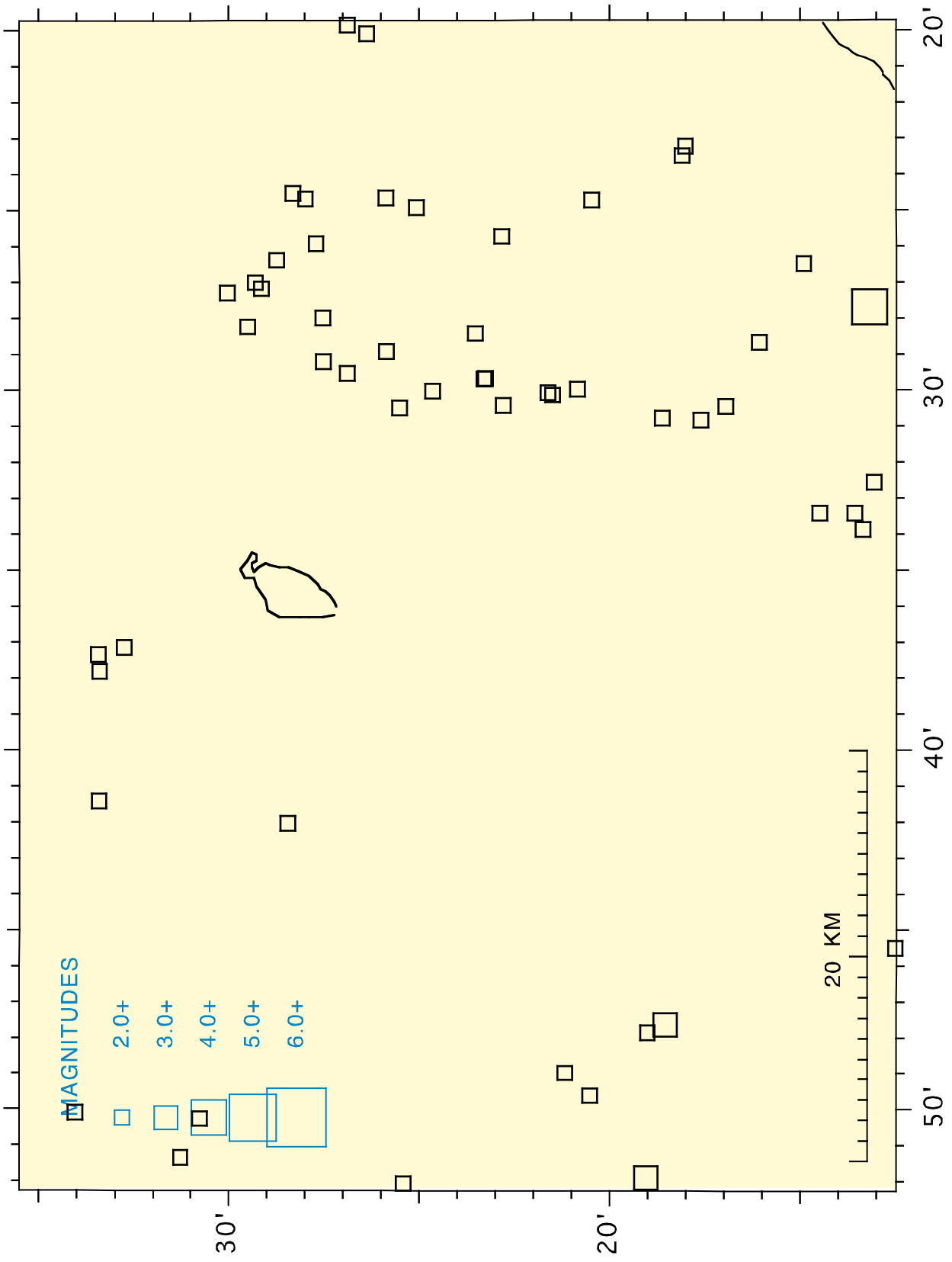

Figure 23. 2007 earthquake locations, Mauna Loa summit, intermediate depth (5.1–13.0 km deep), M≥2.0.

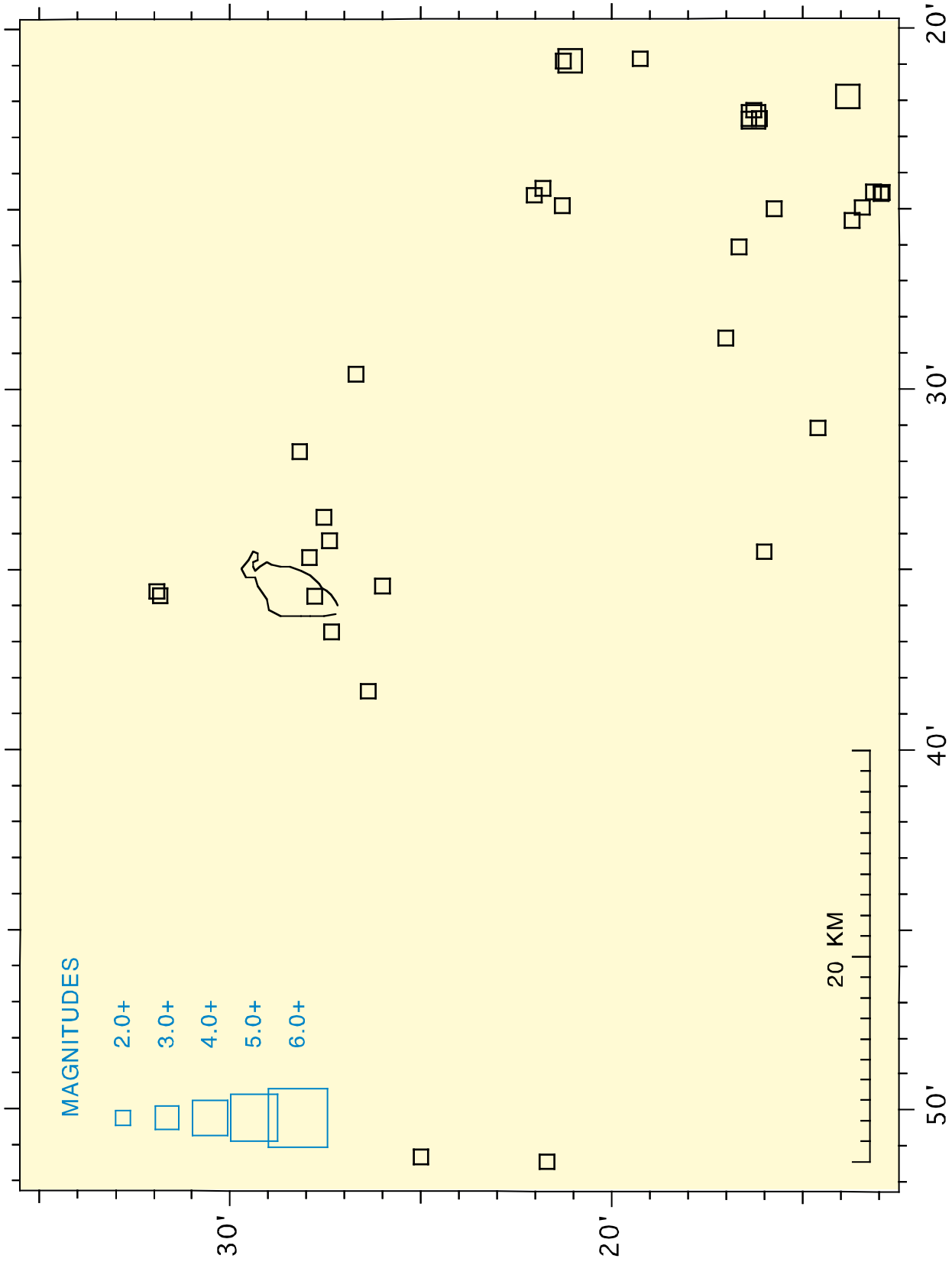

Figure 24. 2007 earthquake locations, Mauna Loa summit, deep (13.1–60.0 km deep), M≥2.0.

Table 4. Chronological list of the 3,988 selected events successfully located in CUSP during 2007. Summary data files are available online at http://www.ncedc.org/cnss/catalog-search.html/ (last accessed September 30, 2008). 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

location program had a convergence problem, which usually means that the depth may be unreliable

- depth was held fixed

PREF MAG—The preferred magnitude chosen from the available magnitudes.
Preference is 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. List of the 51 events of magnitude 3.0 or greater, selected from table 4.

Figures 25–100. Focal mechanism solutions computed by using the computer program FPFIT (Reasenberg and Oppenheimer, 1985, U.S. Geological Survey Open-File Report 85–739) for events listed in table 5. If calculated, multiple solutions are offered. The solutions are presented without interpretation.

Table 4.

ORIGIN YEAR	MON	DA	TIME (HST) HRMN	SEC	LAT N DEG	MIN	LON W DEG	MIN	DEPTH KM	N RD	RMS SEC	ERH KM	ERZ KM	LOC REMKS	PREF MAG	AZ GAP	MIN DS
2007	JAN	1	0107	14.27	19	18.81	155	13.77	7.28	40	.11	.4	.6	SF2	1.7X	66	3
2007	JAN	1	0358	10.58	19	24.44	155	37.36	12.93	32	.13	.4	.5	MLO	1.7X	67	1
2007	JAN	1	0459	53.69	19	19.32	155	9.98	5.56	31	.08	.4	.9	SF3	1.8X	101	5
2007	JAN	1	0620	11.01	19	17.86	155	22.95	3.03	18	.10	.6	1.0	SWR	1.4X	153	4
2007	JAN	1	1134	36.44	19	23.14	155	25.49	8.79	42	.13	.3	.6	KAO	1.7X	46	4
2007	JAN	1	1756	55.82	19	13.95	156	18.83	40.36	19	.10	2.0	2.5	KON	1.5X	292	47
2007	JAN	1	1902	48.74	19	26.38	155	49.88	9.07	28	.13	.4	.7	KON	1.7X	108	10
2007	JAN	1	1916	58.74	19	9.47	155	32.05	39.39	53	.08	.5	.9	DLS	2.5X	128	7
2007	JAN	2	0522	37.24	19	22.46	155	14.25	3.13	23	.11	.4	.3	SEC	1.8X	87	2
2007	JAN	2	0843	46.49	19	14.42	155	31.40	5.77	25	.10	.6	1.0	LSW	2.0X	168	3
2007	JAN	2	0928	0.43	19	23.88	154	56.64	1.61	29	.17	.6	.7	SLE	2.1X	219	4
2007	JAN	2	1006	50.96	19	20.54	155	29.64	9.51	17	.11	.6	1.0	KAO	1.2X	74	5
2007	JAN	2	1329	37.62	20	2.79	155	19.69	11.57	27	.11	1.1	.6	KEA	1.9X	219	17
2007	JAN	2	1936	6.34	19	29.55	155	26.57	5.11	23	.15	.4	1.9	KAO	1.5X	72	5
2007	JAN	2	2047	39.64	19	19.26	155	11.97	5.99	18	.09	.5	1.4	SF3	1.3X	97	5
2007	JAN	2	2101	50.50	19	28.23	155	27.35	8.49	24	.12	.4	1.1	KAO	1.5X	53	7
2007	JAN	3	0013	57.03	19	20.40	155	6.64	6.84	40	.13	.5	.6	SF4	2.0X	146	6
2007	JAN	3	0207	29.06	19	26.59	155	30.02	12.57	16	.12	.5	.8	KAO	1.0X	89	6
2007	JAN	3	0947	28.18	19	21.49	155	12.60	2.45	16	.07	.6	.6	SER	1.7X	121	2
2007	JAN	3	0947	36.57	19	21.65	155	12.60	2.53	29	.08	.2	.3	SER	2.1X	63	2
2007	JAN	3	0949	53.61	19	21.88	155	12.72	2.83	39	.10	.3	.3	SER	2.8X	58	2
2007	JAN	3	1922	25.38	19	25.00	155	19.90	5.72	25	.12	.4	1.0	KAO	1.8X	80	2
2007	JAN	3	1941	36.64	19	15.84	155	27.05	8.88	14	.14	.8	1.1	LSW	1.1X	149	6
2007	JAN	3	2012	26.82	20	0.13	155	30.03	37.09	54	.10	.7	1.1	KEA	3.0X	187	21
2007	JAN	4	0835	23.48	19	25.85	155	31.06	10.80	30	.11	.4	1.0	KAO	1.5X	58	8
2007	JAN	4	1019	38.78	19	7.84	155	23.19	43.27	27	.09	1.1	1.7	LOI	1.6X	218	9
2007	JAN	5	0246	40.28	19	21.41	155	4.67	5.58	27	.13	.7	.9	SF5	1.4X	162	6
2007	JAN	5	0336	9.42	19	29.55	155	10.77	10.08	41	.13	.3	.8	GLN	2.0X	55	11
2007	JAN	5	0543	33.15	19	22.27	154	48.42	43.63	31	.08	2.1	.9	LER	1.9X	266	15
2007	JAN	5	0738	10.94	19	22.49	155	30.01	10.06	36	.12	.4	.7	KAO	1.9X	59	4
2007	JAN	5	0955	33.40	19	19.07	155	12.07	6.28	20	.07	.4	1.2	SF3	1.1X	101	5
2007	JAN	5	1347	44.54	19	0.23	155	21.22	18.67	34	.11	1.5	3.2	LOI	1.9X	258	21
2007	JAN	5	1806	46.76	19	31.95	155	35.60	14.24	45	.12	.4	.3	DML	2.5X	88	5
2007	JAN	5	2255	33.03	19	25.42	155	52.07	8.60	39	.19	.5	.7	KON F	2.0X	142	9
2007	JAN	6	0152	30.16	19	49.08	155	20.50	27.51	23	.09	.8	1.4	KEA	1.8X	133	8
2007	JAN	6	0508	8.68	19	31.56	155	16.61	31.00	30	.10	1.0	.9	DEP	1.6X	134	11
2007	JAN	6	0933	51.15	19	58.38	155	38.36	11.67	33	.14	.6	.6	KOH	2.3X	146	13
2007	JAN	6	0943	56.89	19	20.89	155	5.79	7.59	22	.11	.6	1.1	SF4	1.4X	154	6
2007	JAN	6	1512	58.44	19	15.89	155	14.69	53.15	18	.11	2.0	1.0	DEP	1.7X	283	9
2007	JAN	6	1751	44.67	19	46.64	154	57.44	45.80	42	.12	.9	1.3	HIL	2.4X	223	11
2007	JAN	6	2132	52.28	19	24.32	155	25.14	8.91	19	.12	.5	1.2	KAO	1.7X	76	5
2007	JAN	7	0130	4.73	20	0.67	155	35.19	1.65	16	.14	.7	.8	KOH	1.7X	174	18
2007	JAN	7	0938	15.44	19	11.99	155	24.39	36.02	36	.10	.7	1.2	DEP	1.9X	166	8
2007	JAN	7	1111	45.70	19	52.49	156	3.80	42.53	22	.09	1.3	2.0	HUA	2.1X	243	31
2007	JAN	7	1131	55.43	19	22.72	155	2.36	6.13	22	.14	.8	1.3	SF5	1.5X	170	4

ORIGIN YEAR	MON	DA	TIME (HST) HRMN	SEC	LAT N DEG	MIN	LON W DEG	MIN	DEPTH KM	N RD	RMS SEC	ERH KM	ERZ KM	LOC REMKS	PREF MAG	AZ GAP	MIN DS
2007	JAN	7	1200	13.73	19	22.35	155	14.27	3.06	15	.06	.3	.4	SEC	1.7X	88	2
2007	JAN	7	1947	28.78	18	51.48	155	11.92	47.18	24	.10	2.1	2.8	LOI	2.0X	288	43
2007	JAN	7	2008	25.23	19	22.49	155	14.29	3.49	22	.06	.3	.3	SEC	1.7X	86	2
2007	JAN	7	2043	5.86	19	18.21	155	23.38	4.14	22	.14	.6	1.4	SWR	1.4X	148	4
2007	JAN	7	2152	14.59	19	24.43	155	29.49	9.74	23	.08	.4	1.0	KAO	1.5X	50	5
2007	JAN	7	2207	52.76	19	23.92	155	27.63	6.37	40	.14	.3	.9	KAO	1.7X	57	3
2007	JAN	7	2210	59.87	19	24.21	155	27.96	5.57	16	.09	.4	1.1	KAO	1.1X	88	3
2007	JAN	8	0138	6.20	19	26.95	155	27.81	10.17	25	.11	.4	.8	KAO	1.3X	55	8
2007	JAN	8	0818	9.12	19	26.49	155	30.67	8.59	36	.14	.4	1.0	KAO	1.8X	59	8
2007	JAN	8	1141	18.38	19	25.08	155	19.52	7.71	23	.08	.4	.9	KAO	1.2X	117	3
2007	JAN	8	1153	55.90	19	20.50	155	8.25	7.38	27	.11	.6	.8	SF4	1.4X	129	5
2007	JAN	8	1223	12.67	19	57.19	155	57.76	38.56	16	.08	1.5	2.5	KOH	1.4X	282	32
2007	JAN	8	1224	44.12	21	22.53	156	14.89	20.09	25	.12	3.5	9.9	DIS	2.8X	336	190
2007	JAN	8	2042	9.95	19	18.77	155	13.32	3.63	23	.13	.3	.9	SSF	1.4X	80	3
2007	JAN	8	2134	7.24	19	51.57	155	54.99	38.99	22	.11	1.1	1.8	HUA	1.5X	210	21
2007	JAN	9	0429	23.21	19	19.79	155	11.51	8.44	26	.08	.4	.6	SF3	1.3X	89	6
2007	JAN	9	0544	37.34	19	20.30	155	8.58	7.06	25	.12	.5	.9	SF4	1.3X	106	5
2007	JAN	9	1008	8.80	19	21.31	155	24.90	14.00	48	.10	.3	.3	DEP	2.1X	68	3
2007	JAN	9	1039	17.73	19	24.59	155	38.11	12.81	27	.14	.5	.8	MLO	1.8X	74	1
2007	JAN	9	1159	25.90	19	13.62	155	15.98	32.95	27	.09	1.0	1.5	DEP	1.6X	199	8
2007	JAN	9	1635	33.30	19	16.45	155	19.80	8.53	26	.12	.5	.7	SWR	1.7X	144	3
2007	JAN	9	1709	46.54	19	28.93	155	26.47	5.33	20	.10	.3	2.1	KAO	1.6X	91	6
2007	JAN	9	1811	2.14	19	24.32	155	17.07	1.71	13	.05	.3	.3	SSC	1.3X	106	1
2007	JAN	9	2001	2.93	19	21.48	155	3.33	8.55	28	.12	1.0	.6	SF5	1.6X	176	5
2007	JAN	9	2354	12.78	19	23.65	155	0.44	8.75	36	.15	1.0	.5	SF5	1.8X	177	4
2007	JAN	10	0026	23.19	19	53.10	156	6.42	44.02	9	.07	2.4	2.3	HUA	2.1X	256	44
2007	JAN	10	0348	37.54	19	10.75	155	27.24	6.91	18	.12	.8	1.4	LSW	1.3X	158	3
2007	JAN	10	0404	0.06	19	21.56	155	18.37	2.19	24	.11	.3	.6	SWR	1.6X	103	4
2007	JAN	10	0556	18.08	19	31.86	155	35.72	14.37	47	.11	.4	.3	DML	2.6X	81	5
2007	JAN	10	1323	9.99	19	17.30	155	30.20	11.08	37	.09	.3	.9	LSW	1.7X	74	4
2007	JAN	10	1510	14.13	20	55.21	156	14.16	28.95	23	.12	3.9	7.1	DIS	2.4X	338	147
2007	JAN	10	1934	16.94	19	30.75	155	15.30	6.88	34	.13	.4	1.4	GLN	1.2X	111	11
2007	JAN	10	2236	46.27	19	55.32	155	38.15	11.33	43	.12	.8	.3	KOH F	2.0X	236	7
2007	JAN	10	2320	43.28	19	20.03	155	12.76	8.42	47	.10	.4	.5	SF2	1.9X	73	5
2007	JAN	10	2343	19.68	19	21.41	155	30.28	10.28	45	.09	.3	.6	KAO F	2.0X	62	5
2007	JAN	11	0051	3.03	20	0.53	156	7.17	9.78	29	.12	1.4	.8	KOH	2.0X	270	38
2007	JAN	11	0108	25.56	19	16.54	155	33.67	10.35	37	.10	.3	1.0	LSW	1.6X	65	7
2007	JAN	11	0141	13.12	20	5.07	156	15.83	4.12	15	.10	1.5	1.0	KOH	1.6X	291	51
2007	JAN	11	0746	53.30	19	19.63	155	9.77	8.17	37	.08	.4	.6	SF3	1.4X	92	5
2007	JAN	11	1746	53.05	19	28.65	154	53.29	2.32	39	.10	.6	.4	SLE	2.0X	169	4
2007	JAN	11	2103	18.92	19	10.31	155	39.11	10.13	27	.16	.7	1.0	LSW	1.6X	167	12
2007	JAN	12	0022	22.44	19	43.20	155	44.63	14.20	15	.13	.8	.8	HUA	1.2X	138	11
2007	JAN	12	0312	53.57	19	47.33	155	29.32	36.91	18	.08	1.0	1.5	KEA	1.4X	119	3
2007	JAN	12	0524	0.90	19	23.02	155	3.99	8.36	45	.11	.7	.4	SF5	2.2X	170	2
2007	JAN	12	0813	15.42	19	52.10	156	4.57	46.75	20	.06	2.1	2.0	HUA	2.4X	333	32

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 3
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	JAN	12	0942	39.17	19	20.19	155	26.63	46.41	15	.13	1.8	2.2	DML		1.5X	196	5
2007	JAN	12	1045	7.41	19	17.97	155	20.32	30.56	28	.09	.9	1.2	DEP		1.5X	155	3
2007	JAN	12	1315	21.54	19	19.02	155	47.84	11.06	43	.12	.6	.3	KON		2.3X	158	14
2007	JAN	12	1803	51.24	19	28.05	154	51.34	0.02	34	.19	1.3	.3	SLE	#	1.8X	276	7
2007	JAN	12	1806	7.84	19	28.17	154	50.59	0.03	31	.19	1.5	.4	SLE	#	1.5X	280	8
2007	JAN	12	2021	22.65	19	17.85	155	48.19	13.99	20	.11	1.2	.4	KON		1.2X	204	16
2007	JAN	12	2044	4.69	19	20.08	155	8.66	6.50	48	.12	.4	.7	SF4		2.1X	105	5
2007	JAN	12	2048	13.29	19	20.14	155	8.61	8.55	48	.10	.4	.4	SF4		2.4X	106	5
2007	JAN	12	2208	12.02	19	17.03	155	29.95	9.82	26	.12	.4	1.0	LSW		1.4X	76	4
2007	JAN	12	2254	28.94	19	24.82	155	19.23	5.38	39	.10	.3	.7	KAO		1.8X	45	2
2007	JAN	12	2255	38.47	19	24.99	155	19.15	4.91	30	.08	.3	.7	KAO		1.4X	113	3
2007	JAN	13	0331	38.49	19	24.73	155	17.03	2.35	16	.12	.4	.3	SNC		1.4X	81	0
2007	JAN	13	1002	32.24	19	32.77	155	10.33	22.25	38	.10	.7	1.2	DEP		1.9X	149	16
2007	JAN	13	1126	14.86	19	18.50	155	14.83	6.52	30	.09	.4	.8	SF1		1.3X	119	4
2007	JAN	13	1844	49.03	19	21.32	155	4.53	6.47	25	.10	.7	.6	SF5		1.3X	165	6
2007	JAN	13	1848	37.24	19	15.14	155	27.46	8.57	26	.18	.5	1.2	LSW		1.4X	103	5
2007	JAN	13	1948	47.90	19	26.04	155	37.86	4.08	16	.09	.5	.7	MLO		1.4X	183	3
2007	JAN	14	0006	4.81	19	26.13	155	18.87	7.76	25	.12	.5	.8	INT		1.4X	111	3
2007	JAN	14	0012	23.87	19	25.85	155	19.05	8.15	23	.10	.5	.9	KAO		1.3X	107	3
2007	JAN	14	0153	11.37	19	54.94	156	4.08	44.19	24	.10	1.4	2.0	HUA		2.2X	251	38
2007	JAN	14	0239	42.24	19	54.48	155	50.66	13.50	22	.08	.8	.9	HUA		1.8X	185	20
2007	JAN	14	0625	12.56	19	18.37	155	30.29	7.79	33	.13	.4	.7	LSW		1.3X	71	6
2007	JAN	14	0638	18.44	19	37.50	155	22.89	13.84	18	.10	.7	.6	KEA		1.2X	150	11
2007	JAN	14	1145	14.40	19	19.70	155	8.73	7.09	32	.09	.4	.7	SF4		1.6X	102	5
2007	JAN	14	1250	45.03	19	19.72	155	6.52	6.91	31	.10	.5	1.0	SF4		1.6X	157	5
2007	JAN	14	1749	11.06	19	19.82	155	10.47	8.51	37	.08	.4	.4	SF3		1.6X	91	5
2007	JAN	14	1851	23.59	19	24.50	155	25.13	8.66	28	.11	.4	1.0	KAO		1.5X	64	6
2007	JAN	14	2218	49.17	19	29.25	155	29.49	6.64	19	.10	.4	1.6	KAO		1.2X	91	6
2007	JAN	15	1015	17.68	19	19.99	155	12.85	7.42	15	.04	.5	1.4	SF2		1.7X	73	5
2007	JAN	15	1736	55.33	19	55.80	156	4.68	44.39	21	.09	1.5	1.8	KOH		1.7X	255	37
2007	JAN	15	1916	13.27	19	49.95	155	38.54	12.25	14	.10	.8	.9	KEA		1.4X	109	4
2007	JAN	15	2217	3.97	19	20.41	155	11.04	7.43	34	.12	.5	.8	SF3		1.8X	79	5
2007	JAN	16	0025	30.84	19	19.74	155	8.37	8.38	16	.05	.6	1.3	SF4		1.9X	111	4
2007	JAN	16	0508	10.20	19	55.97	155	59.87	37.48	24	.11	1.3	2.1	KOH		1.7X	236	31
2007	JAN	16	0736	2.78	19	24.37	155	27.84	10.71	23	.13	.4	.8	KAO		1.6X	46	3
2007	JAN	16	0922	50.45	19	22.64	155	14.21	3.47	15	.07	.4	.4	SEC		1.6X	86	2
2007	JAN	16	1153	58.89	19	18.60	155	5.21	0.35	24	.10	.9	.3	SSF		1.6X	216	10
2007	JAN	16	1530	3.74	19	58.01	155	29.61	6.97	25	.10	.6	.5	KEA		1.3X	248	18
2007	JAN	16	1533	47.15	19	21.85	155	4.55	6.58	30	.14	.7	.9	SF5		1.5X	206	5
2007	JAN	16	1709	46.18	19	8.68	155	33.64	0.15	31	.16	.5	.3	LSW		1.4X	132	10
2007	JAN	16	2219	43.52	19	24.65	155	2.53	3.26	37	.08	.5	.4	SME		1.9X	134	3
2007	JAN	17	0043	20.11	19	17.87	155	29.53	11.32	37	.11	.3	.7	LSW		1.4X	76	5
2007	JAN	17	0120	22.17	19	19.73	155	6.81	8.29	42	.09	.4	.5	SF4		1.4X	151	5
2007	JAN	17	0432	29.64	19	58.66	155	29.96	6.95	38	.13	.7	.5	KEA		1.7X	247	19
2007	JAN	17	0558	34.53	19	29.76	155	26.54	7.21	17	.11	.4	1.4	KAO		1.1X	109	5

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 4
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	JAN	17	1239	24.18	20	2.36	155	42.02	13.57	21	.12	1.2	.6	KOH		1.4X	286	20
2007	JAN	17	1331	31.61	19	24.62	155	16.30	1.93	15	.10	.3	.4	SNC		1.4X	145	1
2007	JAN	17	1718	29.06	19	12.33	155	29.53	5.11	21	.15	.5	1.9	LSW		1.4X	109	5
2007	JAN	18	0109	17.90	19	24.80	155	19.66	6.04	17	.10	.5	1.2	KAO		1.1X	106	2
2007	JAN	18	0118	7.55	19	28.57	155	54.48	13.41	24	.14	.9	.5	KON		1.6X	165	2
2007	JAN	18	0231	8.31	19	21.28	155	30.22	12.23	20	.10	.5	.9	KAO		1.2X	73	5
2007	JAN	18	0233	24.58	20	0.28	155	28.79	13.75	38	.11	.8	.4	KEA		1.7X	191	19
2007	JAN	18	0628	48.85	19	53.66	155	40.81	34.49	25	.12	.8	1.6	KEA		2.0X	234	4
2007	JAN	18	0701	34.86	19	22.15	155	14.03	3.24	21	.07	.3	.3	SEC		1.8X	67	2
2007	JAN	18	1733	39.63	19	26.37	155	29.55	8.92	26	.10	.4	1.0	KAO		1.5X	61	8
2007	JAN	18	1805	38.80	19	4.35	155	23.62	36.93	41	.08	.7	1.2	LOI		1.8X	203	12
2007	JAN	18	1836	13.74	19	4.14	155	23.01	38.88	17	.09	1.5	2.7	LOI		1.5X	268	13
2007	JAN	18	1911	24.07	19	26.62	155	29.30	8.33	36	.13	.4	1.0	KAO		1.8X	43	8
2007	JAN	18	2150	26.92	19	54.37	156	3.64	45.46	28	.10	1.6	1.9	HUA		2.0X	248	34
2007	JAN	19	0000	38.44	19	25.77	155	18.84	6.82	28	.10	.4	.8	INT		1.8X	106	2
2007	JAN	19	0102	20.94	19	14.90	155	31.45	7.39	31	.13	.4	.7	LSW		1.7X	101	2
2007	JAN	19	0800	2.19	19	24.78	155	19.25	5.96	22	.09	.4	.8	KAO		1.0X	105	2
2007	JAN	19	0844	18.05	19	18.03	155	23.16	3.25	22	.10	.6	.7	SWR		1.2X	186	4
2007	JAN	19	1006	29.80	19	23.53	155	16.93	2.88	18	.04	.3	.2	SSC		1.6X	68	0
2007	JAN	19	1619	10.82	19	23.50	155	16.79	2.89	35	.10	.3	.2	SSC		2.1X	46	0
2007	JAN	19	1747	46.79	19	21.73	155	17.59	2.60	38	.10	.3	.4	SWR		1.9X	55	3
2007	JAN	19	2033	45.01	19	53.46	155	35.16	12.83	25	.10	.8	.5	KEA		1.7X	204	8
2007	JAN	19	2208	15.75	19	11.86	155	42.11	2.92	19	.14	.7	2.1	LSW		1.4X	135	8
2007	JAN	19	2310	21.34	19	19.98	155	11.83	8.52	47	.12	.4	.5	SF3		2.1X	83	5
2007	JAN	20	0614	44.01	19	16.55	155	21.70	32.66	41	.09	.6	1.0	DEP		1.8X	134	6
2007	JAN	20	1319	47.24	19	21.73	155	18.31	2.96	20	.10	.3	.6	SWR		1.4X	73	3
2007	JAN	20	1454	34.83	19	25.92	155	38.56	3.74	30	.10	.5	.7	MLO		1.9X	101	3
2007	JAN	20	1947	25.69	19	53.59	156	4.07	40.94	42	.11	1.1	1.5	HUA		2.4X	249	33
2007	JAN	20	2014	57.34	19	12.45	155	40.85	5.48	41	.15	.4	1.1	LSW		2.2X	85	11
2007	JAN	21	0143	13.53	19	11.21	155	18.12	48.70	19	.12	1.7	2.1	DEP		1.5X	246	12
2007	JAN	21	0155	49.05	19	42.94	156	6.74	9.32	27	.13	1.5	.7	HUA		1.8X	248	12
2007	JAN	21	0208	11.98	19	17.58	155	29.42	9.02	23	.14	.5	.9	LSW		1.3X	108	5
2007	JAN	21	0915	20.12	19	8.20	155	34.31	6.42	19	.12	.5	2.1	LSW		1.6X	134	12
2007	JAN	21	1102	54.88	19	17.12	155	13.49	7.25	33	.10	.4	.8	SF2		1.2X	93	0
2007	JAN	21	1258	36.36	19	54.40	155	22.39	9.44	24	.13	.9	.4	KEA		1.7X	219	4
2007	JAN	21	1518	25.50	20	1.53	155	35.15	12.18	44	.12	.7	.6	KOH	F	2.3X	180	20
2007	JAN	21	1725	57.58	19	23.89	155	14.31	38.16	21	.11	1.3	.9	DEP		1.5X	216	1
2007	JAN	21	2040	43.61	18	58.20	155	25.22	23.53	38	.12	.9	1.9	DLS	T	2.0X	286	21
2007	JAN	22	0146	11.75	19	22.52	155	14.30	3.30	27	.09	.4	.3	SEC		1.9X	79	2
2007	JAN	22	0504	26.59	18	59.68	155	22.48	39.49	22	.16	1.6	2.4	LOI	T	1.8X	312	20
2007	JAN	22	0738	36.13	19	29.83	155	17.72	25.08	46	.09	.5	.7	DEP		2.2X	56	8
2007	JAN	22	0755	22.03	19	22.93	155	14.62	1.44	17	.06	.3	.3	SEC		1.6X	116	2
2007	JAN	22	0902	11.09	19	21.86	155	26.19	13.10	23	.10	.6	1.0	DML		1.0X	148	3
2007	JAN	22	0907	20.21	19	22.12	155	26.03	13.45	31	.10	.5	.9	DML		1.4X	62	3
2007	JAN	22	1729	40.40	19	19.68	155	8.02	6.94	36	.11	.5	.7	SF4		1.6X	120	4

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 5
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	JAN	22	1904	33.92	19	29.51	155	25.70	5.35	20	.13	.4	1.4	KAO		1.3X	71	4
2007	JAN	23	0640	3.90	19	21.72	155	4.80	6.61	29	.12	.6	.8	SF5		1.4X	156	5
2007	JAN	23	0831	6.90	19	46.16	155	19.98	13.81	15	.10	1.2	.5	KEA		1.6X	168	13
2007	JAN	23	0834	35.22	19	31.82	155	19.22	11.59	44	.12	.3	.6	MLO		2.2X	61	8
2007	JAN	23	0838	48.64	20	1.86	155	34.82	11.53	42	.13	.8	.6	KOH		2.4X	184	21
2007	JAN	23	0913	46.95	19	17.05	155	23.47	33.67	22	.10	1.0	1.4	DEP		1.1X	172	6
2007	JAN	23	1144	23.22	20	1.50	155	32.95	0.13	24	.13	1.5	.5	KEA	#	1.9X	264	22
2007	JAN	23	1643	16.57	19	31.58	155	19.24	11.86	50	.12	.3	.6	MLO	F	2.8X	60	8
2007	JAN	23	1804	17.09	19	22.12	155	10.83	2.11	40	.11	.4	.5	SER		2.2X	75	4
2007	JAN	23	1903	51.38	19	27.35	155	14.56	30.01	35	.10	.8	.7	DEP		1.6X	145	5
2007	JAN	23	2311	37.12	19	20.41	155	2.26	39.54	43	.08	.7	.6	DEP		2.1X	198	8
2007	JAN	24	0340	6.23	19	19.83	155	8.63	8.33	35	.07	.4	.6	SF4		1.2X	105	5
2007	JAN	24	0615	58.12	19	22.97	155	14.57	3.46	18	.08	.4	.3	SEC		1.6X	80	3
2007	JAN	24	1025	30.38	19	21.31	155	4.47	6.79	27	.10	.6	.9	SF5		1.4X	166	6
2007	JAN	24	1431	9.15	19	20.12	155	6.97	7.45	29	.12	.6	.7	SF4		1.4X	167	5
2007	JAN	24	1543	49.47	19	17.17	155	12.38	7.12	24	.07	.6	1.0	SF2		1.3X	175	2
2007	JAN	24	1725	36.48	19	20.28	155	12.93	6.45	37	.12	.4	.7	SF2		1.5X	68	4
2007	JAN	24	1743	35.53	19	13.31	155	18.94	56.02	23	.13	1.3	1.4	DEP		2.3X	178	9
2007	JAN	24	2345	54.88	19	55.36	155	12.08	34.64	35	.12	1.0	1.5	KEA		1.6X	241	15
2007	JAN	24	2353	25.21	20	7.02	156	4.49	21.74	43	.12	1.4	3.1	KOH		2.8X	274	31
2007	JAN	25	0328	30.88	20	8.32	156	1.84	23.14	30	.12	1.4	2.5	KOH		2.3X	282	26
2007	JAN	25	0735	14.73	20	8.34	156	2.60	20.89	45	.13	1.3	2.9	KOH		3.2X	275	28
2007	JAN	25	1122	40.22	19	23.09	155	16.97	2.75	17	.07	.3	.2	SSC		1.7X	64	1
2007	JAN	25	1247	22.82	19	13.53	155	25.88	7.42	23	.12	.5	1.1	LSW		1.4X	129	8
2007	JAN	25	1354	14.45	19	20.75	155	6.76	7.29	35	.12	.5	.7	SF4		1.8X	139	5
2007	JAN	25	1508	22.34	19	19.73	155	7.78	7.58	32	.10	.5	.7	SF4		1.5X	147	4
2007	JAN	25	1526	56.11	19	26.97	155	28.34	9.07	35	.09	.3	.8	KAO		1.8X	51	8
2007	JAN	25	1618	23.22	19	40.54	155	22.45	13.67	24	.10	.5	.6	KEA		1.5X	133	14
2007	JAN	25	1914	27.13	19	20.62	155	6.84	5.34	34	.15	.5	1.3	SF4		1.4X	139	5
2007	JAN	25	2035	8.59	19	18.97	155	13.57	5.72	40	.12	.4	.8	SF2		1.7X	71	4
2007	JAN	26	0059	43.90	19	49.48	155	34.79	20.48	21	.09	.8	1.7	KEA		1.5X	138	9
2007	JAN	26	0224	40.05	19	55.68	156	5.29	43.45	23	.08	1.3	2.0	KOH		1.6X	257	39
2007	JAN	26	0247	16.97	19	18.02	155	22.82	4.24	40	.12	.3	1.2	SWR		2.2X	114	4
2007	JAN	26	0508	20.07	19	22.70	155	28.91	9.80	16	.13	.5	1.2	KAO		.9X	76	2
2007	JAN	26	0642	55.83	19	17.76	155	13.02	7.33	38	.11	.4	.8	SF2		1.8X	117	2
2007	JAN	26	1432	54.65	19	16.54	155	28.20	9.60	26	.11	.4	.9	LSW		1.4X	90	4
2007	JAN	26	1505	12.42	19	25.22	155	28.79	11.20	19	.14	.5	1.3	KAO		1.3X	58	5
2007	JAN	26	1655	24.24	19	17.32	155	23.14	3.32	21	.07	.4	1.0	SWR		1.0X	119	5
2007	JAN	26	2009	29.65	20	6.40	156	3.76	12.36	18	.10	3.2	2.8	KOH		1.8X	292	30
2007	JAN	26	2254	20.01	19	15.75	155	25.13	35.86	42	.11	.6	1.1	DLS		1.9X	119	9
2007	JAN	27	0142	29.68	19	5.82	155	23.41	45.23	35	.11	.8	1.3	LOI	T	2.0X	196	10
2007	JAN	27	0145	7.93	19	21.83	155	11.08	2.97	23	.06	.4	.3	SER		1.9X	72	2
2007	JAN	27	0208	14.81	19	6.44	155	27.98	29.93	29	.08	.8	1.4	DLS		2.1X	178	6
2007	JAN	27	0250	29.63	19	28.71	155	26.92	9.43	24	.12	.4	1.1	KAO		1.5X	59	6
2007	JAN	27	0254	23.22	18	42.08	156	11.51	43.47	45	.12	1.1	2.1	DIS		2.6X	318	63

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 6
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	JAN	27	0356	8.91	19	21.80	155	10.70	2.82	20	.09	.5	.5	SER		1.4X	147	2
2007	JAN	27	0418	13.01	19	37.43	156	0.58	10.25	32	.15	.9	.5	KON		1.9X	193	4
2007	JAN	27	0521	52.70	19	15.18	155	24.79	34.97	29	.11	.8	1.5	DEP		1.4X	128	9
2007	JAN	27	0624	15.37	19	21.71	155	11.87	3.06	29	.09	.3	.4	SER		1.6X	94	3
2007	JAN	27	0635	56.97	20	13.09	156	16.82	7.16	17	.13	2.7	2.1	KOH		1.8X	305	53
2007	JAN	27	0858	39.46	19	20.21	155	8.38	8.14	33	.09	.4	.5	SF4		1.3X	110	5
2007	JAN	27	0902	4.51	19	20.24	155	48.72	9.83	26	.11	.7	.5	KON		1.4X	190	15
2007	JAN	27	1002	32.04	19	12.09	155	31.78	2.17	32	.10	.5	1.0	LSW		1.9X	134	8
2007	JAN	27	1249	59.52	19	19.87	155	7.71	7.20	32	.11	.5	.6	SF4		1.3X	149	5
2007	JAN	27	1405	8.99	19	23.39	155	15.15	2.87	23	.09	.3	.3	SEC		1.6X	80	2
2007	JAN	27	1413	21.95	19	42.56	155	45.61	16.91	40	.11	.6	1.8	HUA		1.8X	104	9
2007	JAN	27	1651	20.03	19	16.09	155	28.67	10.49	43	.13	.4	.6	LSW		2.1X	87	3
2007	JAN	27	1728	23.97	19	25.51	155	19.88	8.17	19	.07	.5	1.1	KAO		1.2X	129	3
2007	JAN	27	1809	40.70	19	16.19	154	58.24	40.76	28	.11	1.7	.9	LER		1.5X	259	17
2007	JAN	27	1850	40.59	19	17.55	155	23.09	2.33	36	.10	.3	.5	SWR		1.6X	117	5
2007	JAN	27	2122	44.46	19	17.86	155	22.85	2.53	32	.10	.3	.6	SWR		1.6X	115	4
2007	JAN	27	2148	56.89	19	23.12	155	14.69	3.58	19	.08	.4	.4	SEC		1.5X	108	3
2007	JAN	27	2330	33.11	19	23.14	155	14.92	2.91	39	.12	.2	.2	SEC		2.5X	48	2
2007	JAN	27	2330	53.47	19	20.68	155	13.56	11.22	15	.14	.9	1.5	SF2		2.1X	84	4
2007	JAN	27	2339	39.43	19	53.26	155	13.96	9.15	16	.10	1.5	.7	KEA		1.5X	276	12
2007	JAN	28	0349	5.68	19	11.03	155	24.04	38.39	45	.09	.7	1.1	DEP		2.3X	165	7
2007	JAN	28	0459	56.59	19	24.22	155	16.11	1.10	20	.07	.2	.2	SEC		1.9X	124	1
2007	JAN	28	0625	0.30	18	50.74	155	10.94	51.60	43	.09	.9	1.6	LOI		2.0X	265	46
2007	JAN	28	0713	7.97	19	13.46	155	18.04	1.76	28	.11	.8	.7	SWR		1.2X	191	8
2007	JAN	28	0740	29.80	18	54.18	155	23.49	49.06	21	.11	1.5	2.8	LOI		1.5X	284	45
2007	JAN	28	0753	7.98	19	24.71	155	38.51	3.41	22	.09	.5	.4	MLO		1.4X	183	1
2007	JAN	28	1027	23.07	19	22.95	155	14.88	2.79	20	.11	.3	.3	SEC		1.6X	71	2
2007	JAN	28	1248	16.93	19	23.77	155	27.12	9.31	21	.10	.4	.9	KAO		1.4X	59	3
2007	JAN	28	2050	53.44	19	10.85	155	32.82	0.22	30	.12	.5	.2	LSW		1.5X	105	9
2007	JAN	28	2147	42.45	19	45.64	156	8.99	27.01	18	.17	2.1	3.4	HUA		1.5X	306	34
2007	JAN	28	2239	4.52	19	22.33	155	15.58	32.31	30	.10	.9	.9	DEP		1.4X	57	1
2007	JAN	29	0553	53.59	19	23.13	155	16.99	3.07	22	.06	.3	.2	SSC		2.3U	72	0
2007	JAN	29	1052	55.98	20	0.27	155	30.37	4.17	24	.11	.7	.9	KEA		1.8X	190	21
2007	JAN	29	1206	8.39	20	7.94	156	1.04	32.19	16	.11	1.6	5.6	KOH		2.1X	312	74
2007	JAN	29	1320	25.65	19	24.09	155	15.90	1.40	33	.10	.2	.2	SEC		2.2X	68	1
2007	JAN	29	1549	0.49	19	22.01	155	30.41	11.52	29	.10	.5	1.0	KAO		1.4X	90	5
2007	JAN	29	1618	56.22	20	9.60	156	2.57	38.05	15	.08	1.6	3.6	KOH		2.0X	315	52
2007	JAN	29	1824	2.96	19	29.93	155	53.32	11.73	25	.14	1.3	.4	KON		1.6X	184	3
2007	JAN	29	2010	50.92	19	21.07	155	4.60	6.39	30	.12	.6	1.1	SF5		1.6X	168	6
2007	JAN	29	2123	44.91	19	21.05	155	4.62	6.54	28	.12	.6	1.1	SF5		1.4X	168	6
2007	JAN	30	0224	34.27	19	19.32	155	11.89	7.67	25	.06	.4	.9	SF3		1.3X	97	5
2007	JAN	30	0330	0.50	19	17.38	155	22.87	2.57	16	.07	.5	.7	SWR		1.2X	160	5
2007	JAN	30	0519	10.64	19	20.34	155	4.28	6.33	40	.12	.5	.9	SF5		1.8X	180	7
2007	JAN	30	1036	50.18	20	9.27	155	41.96	14.51	16	.10	1.8	1.2	KOH		1.9X	302	33
2007	JAN	30	1733	48.47	19	18.89	156	18.12	39.13	53	.08	.9	1.4	KON	F	3.6X	273	45

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 7
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	JAN	30	1830	59.33	19	19.23	155	13.64	8.47	45	.12	.4	.6	SF2		2.3X	66	4
2007	JAN	31	0122	7.82	19	24.73	155	37.64	2.37	17	.17	.4	.3	MLO		1.2X	92	1
2007	JAN	31	0139	12.16	19	15.76	155	24.99	34.23	45	.11	.7	1.0	DEP		2.2X	120	9
2007	JAN	31	0440	13.73	19	15.34	155	24.48	35.51	37	.10	.8	1.2	DEP		1.7X	127	9
2007	JAN	31	1225	19.40	19	31.76	155	53.92	10.52	19	.14	1.5	.6	KON		1.2X	233	5
2007	JAN	31	1650	38.02	20	5.74	156	0.07	6.93	37	.11	1.1	.9	KOH		2.8X	302	44
2007	JAN	31	1724	31.20	20	2.00	155	35.37	32.11	16	.10	1.0	1.9	KOH		2.0X	280	21
2007	JAN	31	1820	27.62	20	2.54	155	57.95	10.39	46	.12	1.3	.6	KOH	F	3.5X	235	22
2007	JAN	31	2106	41.57	20	0.28	155	34.02	4.48	16	.16	1.1	1.1	KOH		1.6X	266	19
2007	JAN	31	2217	49.59	19	20.47	155	13.00	8.74	38	.07	.4	.5	SF2		1.8X	65	4
2007	FEB	1	0138	40.77	19	50.39	155	24.51	13.03	26	.11	.6	.4	KEA		1.9X	101	8
2007	FEB	1	0330	10.68	19	19.59	155	11.59	5.88	22	.13	.6	1.5	SF3		1.5X	93	6
2007	FEB	1	1036	34.14	19	18.49	155	27.31	9.95	42	.12	.3	.5	LSW		1.8X	88	7
2007	FEB	1	1224	47.64	19	21.55	155	3.26	8.93	27	.12	.8	.6	SF5		1.4X	196	5
2007	FEB	1	1410	39.94	20	9.16	155	45.75	24.17	24	.12	1.2	1.2	KOH		2.0X	269	3
2007	FEB	2	0100	41.95	19	22.37	155	17.15	2.74	14	.06	.4	.3	SSC		1.2X	162	2
2007	FEB	2	0531	30.99	19	18.18	155	23.23	3.79	32	.11	.3	.8	SWR		1.7X	110	4
2007	FEB	2	0658	19.32	19	18.11	155	47.91	11.39	31	.09	.7	.4	KON		1.6X	161	15
2007	FEB	2	0800	42.45	19	28.92	156	19.98	36.22	49	.10	.9	1.5	KON		2.8X	270	38
2007	FEB	2	1106	21.28	19	11.66	155	31.67	3.62	19	.10	.4	1.4	LSW		1.4X	93	7
2007	FEB	2	2052	55.95	19	19.50	155	8.55	7.97	44	.09	.3	.3	SF4		2.0X	107	4
2007	FEB	3	0146	58.11	19	24.33	155	28.92	12.50	17	.12	.6	1.1	KAO		1.3X	56	4
2007	FEB	3	0255	2.18	19	21.79	155	4.55	6.24	18	.12	.9	1.0	SF5		1.3X	197	5
2007	FEB	3	0751	27.15	19	20.41	155	24.82	9.66	24	.12	.5	.7	SWR		1.2X	83	3
2007	FEB	3	0929	55.99	19	25.01	155	29.30	10.54	39	.11	.3	.6	KAO		1.8X	50	5
2007	FEB	3	0931	46.83	19	25.18	155	29.21	9.91	37	.10	.3	.7	KAO		1.8X	51	6
2007	FEB	3	1110	18.03	20	1.54	155	56.04	9.73	14	.09	2.2	.8	KOH		2.2X	249	20
2007	FEB	3	1642	4.20	19	18.02	155	3.60	39.63	40	.11	.8	.8	DEP		1.9X	209	8
2007	FEB	3	1722	12.12	19	21.86	155	4.45	6.52	23	.11	.6	1.1	SF5		1.7X	159	5
2007	FEB	3	1832	28.31	19	24.62	155	19.84	6.88	19	.11	.5	1.2	KAO		1.4X	101	2
2007	FEB	3	2100	6.83	19	18.95	155	10.34	7.69	22	.06	.5	1.0	SF3		1.3X	113	5
2007	FEB	3	2125	25.98	19	23.49	155	16.85	2.98	26	.09	.3	.2	SSC		2.0X	49	0
2007	FEB	3	2341	9.71	19	28.86	155	24.52	5.40	33	.14	.4	1.1	KAO		1.9X	80	3
2007	FEB	4	0412	26.11	19	53.67	155	53.80	40.77	47	.09	.7	1.3	HUA		2.7X	202	24
2007	FEB	4	0719	2.42	19	53.53	156	4.46	43.14	43	.11	1.1	1.3	HUA	#	2.5X	242	27
2007	FEB	4	1050	6.83	18	53.08	155	31.59	37.87	45	.09	1.0	1.3	DLS		2.5X	262	19
2007	FEB	4	1332	35.81	19	45.64	155	33.00	15.43	30	.12	.5	.6	KEA		1.6X	102	10
2007	FEB	4	1501	41.52	19	21.83	155	30.43	10.58	46	.08	.3	.5	KAO		1.8X	59	5
2007	FEB	4	1504	58.39	19	28.82	154	53.33	2.34	22	.10	.7	.6	SLE		1.2X	169	4
2007	FEB	4	1727	24.65	19	14.17	155	12.16	0.96	35	.13	.6	.3	SSF		1.5X	204	6
2007	FEB	5	0200	46.42	19	25.21	155	16.53	32.82	26	.13	.8	.9	DEP		1.7X	135	2
2007	FEB	5	0308	47.03	19	23.34	155	22.56	10.28	35	.08	.4	.7	KAO		1.4X	63	5
2007	FEB	5	0309	28.76	19	13.43	155	26.05	0.02	22	.10	.4	.3	LSW		1.4X	146	8
2007	FEB	5	0444	1.78	19	13.20	155	34.21	10.90	21	.11	.4	1.8	LSW		1.5X	130	8
2007	FEB	5	0938	23.99	19	38.97	156	8.08	35.60	30	.10	1.4	1.8	KON		1.8X	251	29

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 8
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	FEB	5	1157	13.99	19	24.45	155	15.06	41.58	32	.13	.9	1.0	DEP		2.2X	97	4
2007	FEB	5	1735	26.09	19	11.71	155	20.96	47.28	27	.09	1.0	1.5	DEP		1.5X	199	13
2007	FEB	5	1742	24.44	19	12.83	155	20.14	51.43	23	.13	1.5	1.3	DEP		1.8X	228	15
2007	FEB	5	2023	40.91	19	26.82	155	22.60	9.94	34	.10	.4	.8	KAO		1.5X	90	6
2007	FEB	5	2103	52.75	19	21.96	155	4.65	8.43	40	.09	.4	.3	SF5		1.7X	155	5
2007	FEB	6	0428	46.97	19	49.28	156	13.76	43.77	24	.08	1.3	2.4	HUA		1.6X	299	44
2007	FEB	6	0916	42.07	19	26.94	155	4.91	0.05	26	.13	.4	.3	GLN		1.1X	78	5
2007	FEB	6	0930	20.62	19	12.19	155	27.56	34.35	29	.08	.8	1.4	DLS		1.5X	117	5
2007	FEB	6	1048	53.35	19	29.34	155	24.75	10.93	26	.13	.4	.9	KAO		1.5X	62	3
2007	FEB	6	1333	44.64	19	52.90	155	57.16	43.39	22	.10	1.3	1.7	HUA		1.8X	239	31
2007	FEB	6	1739	46.16	19	20.30	155	11.54	8.19	33	.11	.5	.6	SF3		1.6X	80	5
2007	FEB	6	1743	50.02	19	20.54	155	11.56	7.55	26	.12	.6	.8	SF3		1.5X	76	5
2007	FEB	6	1904	45.67	19	20.12	155	6.89	5.58	24	.13	.6	1.6	SF4		1.3X	144	5
2007	FEB	6	2028	51.92	19	28.10	155	29.48	9.07	23	.13	.4	1.4	KAO		1.1X	81	8
2007	FEB	6	2044	7.54	19	50.83	155	34.81	27.81	19	.10	.9	1.7	KEA		1.1U	112	8
2007	FEB	7	0632	45.01	19	48.49	155	19.87	25.45	39	.09	.5	1.3	KEA		1.9X	117	9
2007	FEB	7	1446	10.63	19	46.15	155	51.10	33.58	18	.09	1.4	1.5	HUA		1.3X	282	9
2007	FEB	7	1516	4.08	19	20.32	155	13.45	5.77	37	.12	.4	.7	SF2		1.6X	62	4
2007	FEB	7	1723	46.25	19	19.67	155	10.91	5.91	33	.11	.5	1.1	SF3		1.3X	94	6
2007	FEB	7	1856	43.32	19	20.18	155	11.07	9.33	32	.07	.4	.6	SF3		1.2X	83	5
2007	FEB	8	0017	49.24	19	30.57	155	29.54	4.05	15	.10	.4	1.2	MLO		1.4X	104	4
2007	FEB	8	0255	7.05	20	1.39	155	31.99	9.48	15	.11	.9	.6	KEA		1.7X	191	22
2007	FEB	8	0348	30.27	19	22.44	155	29.28	10.52	15	.12	.5	1.1	KAO		1.1X	76	3
2007	FEB	8	0517	6.09	19	21.27	155	1.87	8.11	31	.13	.7	.5	SF5		1.5X	191	7
2007	FEB	8	0537	12.34	19	13.11	155	28.35	8.85	30	.12	.4	.7	LSW		1.6X	95	5
2007	FEB	8	0708	25.93	19	35.11	155	39.93	9.24	20	.13	.4	1.6	KEA		1.2X	103	13
2007	FEB	8	0802	48.34	19	22.27	155	2.57	6.47	22	.14	1.2	1.5	SF5		.9X	204	5
2007	FEB	8	0859	29.47	19	24.55	155	17.15	1.98	15	.06	.3	.3	SNC		1.3X	113	2
2007	FEB	8	1235	27.69	19	23.52	155	25.35	9.01	21	.10	.4	1.0	KAO		1.5X	64	4
2007	FEB	8	1341	59.32	19	18.20	155	13.03	8.29	23	.08	.5	1.0	SF2		1.4X	101	2
2007	FEB	8	1754	16.30	19	19.99	155	12.44	8.11	42	.09	.3	.4	SF2		1.6X	78	5
2007	FEB	8	1837	11.55	19	22.57	155	29.89	8.61	29	.09	.4	.7	KAO		1.3X	69	4
2007	FEB	8	2249	59.84	19	26.71	155	23.32	8.05	23	.14	.4	1.1	KAO		1.3X	98	6
2007	FEB	9	0009	19.23	19	4.24	155	24.33	48.75	18	.10	1.3	1.6	LOI		2.3X	202	12
2007	FEB	9	0231	7.72	19	18.86	155	25.59	10.46	21	.10	.5	.7	LSW		1.2X	97	5
2007	FEB	9	0455	54.97	19	29.14	155	27.17	7.80	46	.14	.3	.7	KAO		2.3X	58	5
2007	FEB	9	0605	10.92	19	20.12	155	7.33	6.78	33	.13	.5	.8	SF4		1.4X	135	5
2007	FEB	9	0605	57.32	19	22.70	155	7.70	3.39	22	.09	.4	.4	SER		1.5X	109	1
2007	FEB	9	0750	34.09	19	18.60	155	15.26	6.85	18	.10	.6	1.2	SF1		1.0X	127	4
2007	FEB	9	0859	57.46	19	42.33	155	24.43	23.81	31	.10	.6	1.6	KEA		1.7X	157	14
2007	FEB	9	1143	4.31	19	18.61	155	15.25	7.14	28	.08	.5	.9	SF1		1.4X	120	4
2007	FEB	9	1341	22.89	19	24.18	155	34.18	14.97	23	.13	.4	.7	DML		1.7X	60	3
2007	FEB	10	0421	22.69	19	22.32	155	25.00	9.18	31	.11	.4	.6	KAO		1.1X	54	5
2007	FEB	10	0436	56.77	19	18.00	155	22.87	4.67	43	.12	.3	1.2	SWR		2.1X	114	4
2007	FEB	10	1346	16.00	19	27.37	155	2.87	6.03	28	.12	.9	1.9	GLN		1.9X	167	6

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 9
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG		GAP	DS
2007	FEB	10	2143	45.69	19	20.72	155	7.41	6.88	28	.11	.5	.9	SF4		1.5X	128		5
2007	FEB	11	0007	32.31	19	20.29	155	4.10	1.90	25	.11	.4	.6	SSF		1.5X	186		7
2007	FEB	11	0517	21.38	19	18.16	155	12.87	3.97	37	.12	.3	.9	SSF		1.9X	108		2
2007	FEB	11	0556	18.99	19	21.53	155	12.79	3.06	21	.08	.5	.4	SER		1.7X	78		2
2007	FEB	11	0644	50.76	19	21.91	155	10.15	2.67	29	.10	.3	.5	SER		1.8X	82		2
2007	FEB	11	0949	25.28	19	26.07	155	15.47	27.41	38	.11	.6	.8	DEP		1.6X	95		3
2007	FEB	11	1301	50.11	19	26.80	154	54.85	3.48	24	.19	1.0	.6	SLE		1.9X	194		1
2007	FEB	11	1355	32.56	19	20.93	155	5.64	8.18	32	.11	.5	.7	SF4		1.8X	155		6
2007	FEB	11	1523	18.12	19	27.40	154	55.72	4.22	38	.13	.5	.6	SLE		2.0X	153		1
2007	FEB	11	1616	32.52	19	17.49	155	12.47	5.90	23	.10	.5	1.1	SF2		1.4X	153		2
2007	FEB	11	1634	31.98	19	17.63	155	12.77	6.06	37	.11	.4	.8	SF2		1.6X	135		2
2007	FEB	11	1826	49.46	19	58.18	155	35.40	13.68	23	.11	.8	.5	KOH		1.6X	156		14
2007	FEB	11	1851	47.21	19	19.63	155	11.39	8.74	34	.09	.4	.6	SF3		1.7X	94		6
2007	FEB	11	1949	54.37	20	5.38	155	53.70	26.24	51	.12	.9	1.5	KOH	F	2.7X	234		13
2007	FEB	12	0510	14.82	19	22.34	155	17.08	2.75	20	.07	.4	.2	SSC		1.1X	164		2
2007	FEB	12	0850	41.01	19	16.04	155	11.75	7.03	25	.13	.8	1.2	SF3		1.4X	212		4
2007	FEB	12	0856	48.57	19	17.63	155	12.88	5.01	31	.11	.4	1.0	SF2		1.4X	130		2
2007	FEB	12	1206	3.09	19	18.11	155	13.47	2.79	28	.12	.6	1.1	SSF		1.4X	232		8
2007	FEB	12	1247	48.49	19	18.12	155	12.80	9.94	42	.10	.5	.4	SF2		2.2X	177		8
2007	FEB	12	1421	33.38	19	17.84	155	12.63	10.20	37	.11	.5	.7	SF2		2.1X	145		8
2007	FEB	12	1500	22.10	19	18.54	155	8.57	6.53	40	.09	.4	.7	SF4		1.6X	99		2
2007	FEB	12	1744	18.90	19	29.08	155	22.72	12.57	20	.11	.7	1.2	KAO		1.4X	164		2
2007	FEB	12	1908	38.34	19	17.95	155	13.25	4.70	32	.11	.4	1.1	SSF		1.2X	97		2
2007	FEB	12	2044	0.37	19	19.53	155	11.12	7.28	42	.10	.4	.6	SF3		1.7X	97		6
2007	FEB	12	2049	54.12	19	17.39	155	27.49	10.48	25	.10	.5	1.1	LSW		1.1X	114		6
2007	FEB	13	0258	49.51	19	19.93	155	7.16	7.74	35	.10	.4	.5	SF4		1.5X	141		5
2007	FEB	13	0301	48.13	19	28.95	155	22.41	13.37	38	.12	.4	.5	DML		1.6X	89		2
2007	FEB	13	1341	57.68	19	19.07	155	15.11	6.21	20	.08	.5	1.3	SF1		1.3X	110		4
2007	FEB	13	1402	16.61	19	23.31	155	30.20	10.49	20	.08	.5	1.0	KAO		1.4X	89		5
2007	FEB	13	1617	57.58	19	19.84	155	7.83	8.52	44	.10	.4	.4	SF4		2.3X	125		5
2007	FEB	13	1717	41.82	19	52.07	155	52.02	40.74	46	.11	.7	1.3	HUA		2.5X	189		20
2007	FEB	13	1814	20.28	19	19.74	155	7.61	8.45	44	.10	.4	.3	SF4		2.2X	131		4
2007	FEB	13	2037	14.32	19	17.99	155	12.86	3.94	25	.09	.6	1.0	SSF		1.4X	114		2
2007	FEB	13	2139	23.50	19	59.42	155	22.14	12.10	36	.13	.8	.6	KEA		2.2X	201		11
2007	FEB	13	2314	48.68	19	13.72	155	15.10	44.18	13	.09	2.3	1.5	DEP		2.0X	315		10
2007	FEB	14	0959	27.12	19	28.92	155	26.91	10.91	35	.09	.4	.7	KAO		1.7X	62		6
2007	FEB	14	1341	44.23	19	55.71	155	58.27	42.04	20	.12	1.6	2.5	KOH		1.8X	248		30
2007	FEB	14	1632	45.67	19	2.07	155	19.58	34.59	25	.09	1.0	1.6	LOI		2.6X	218		20
2007	FEB	14	2232	35.55	19	6.91	155	27.07	43.96	37	.11	.9	1.4	DLS	T	2.2X	178		5
2007	FEB	14	2344	45.78	19	24.85	155	19.30	6.50	44	.11	.3	.6	KAO		2.0X	45		2
2007	FEB	15	0212	35.05	19	24.89	155	19.25	4.43	26	.12	.4	.8	KAO		1.3X	110		2
2007	FEB	15	0329	59.41	19	11.87	155	15.18	44.97	26	.09	1.3	1.1	DEP		1.3X	234		19
2007	FEB	15	0334	43.95	19	10.88	155	13.74	44.80	25	.12	1.6	1.6	DEP		1.5X	265		16
2007	FEB	15	0840	31.89	19	25.91	155	14.23	43.83	19	.11	1.9	.9	DEP		1.7X	214		6
2007	FEB	15	1025	52.40	19	20.18	155	11.41	10.14	22	.08	.6	.9	SF3		1.2X	164		5

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 10
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG		GAP	DS
2007	FEB	15	1351	39.23	19	32.21	155	55.72	11.62	17	.18	2.2	.6	KON		1.0X	272		6
2007	FEB	15	2220	18.61	19	19.94	155	25.09	9.04	23	.11	.5	.8	KAO		1.4X	118		3
2007	FEB	15	2310	18.67	19	26.41	155	30.06	9.46	14	.08	.4	1.5	KAO		.9X	73		8
2007	FEB	16	0003	19.70	19	22.05	155	1.22	7.84	15	.11	1.5	.9	SF5		1.2X	220		7
2007	FEB	16	0301	33.22	19	20.51	155	5.75	7.25	26	.14	.7	.9	SF4		1.4X	159		6
2007	FEB	16	0417	7.69	19	21.25	155	5.81	8.06	21	.11	.6	.6	SF4		1.2X	149		5
2007	FEB	16	0927	48.36	19	50.52	155	3.24	41.66	28	.11	1.0	1.5	KEA		2.0X	241		16
2007	FEB	16	1040	6.43	19	20.00	155	12.90	5.43	23	.12	.5	1.4	SF2		1.3X	81		5
2007	FEB	16	1041	53.42	19	23.85	155	2.99	3.31	31	.12	.5	.5	SME		2.0X	144		2
2007	FEB	16	1431	33.93	19	24.14	155	16.89	1.87	15	.06	.3	.3	SSC		1.4X	105		1
2007	FEB	16	1936	31.61	19	23.07	155	17.05	2.82	17	.05	.4	.2	SSC		1.2X	124		1
2007	FEB	16	2128	12.02	19	29.89	155	27.73	4.81	25	.12	.4	1.7	KAO		1.7X	90		4
2007	FEB	16	2149	59.31	19	21.63	155	30.07	9.64	49	.10	.3	.5	KAO		2.1X	62		5
2007	FEB	17	0328	29.25	19	18.93	155	11.09	9.85	29	.08	.5	.8	SF3		1.5X	113		5
2007	FEB	17	0336	57.43	19	22.95	155	32.15	14.71	24	.11	.5	.8	DML		1.5X	58		4
2007	FEB	17	0610	16.39	19	23.17	155	16.85	2.84	31	.09	.3	.2	SSC		1.8X	68		0
2007	FEB	17	0738	32.12	19	20.77	155	5.46	9.90	29	.10	.7	.9	SF4		1.5X	160		6
2007	FEB	17	0951	49.92	20	1.99	155	28.44	9.25	46	.13	.7	.8	KEA	F	2.3X	199		27
2007	FEB	17	1044	47.16	19	19.86	155	8.46	7.51	31	.08	.5	.8	SF4		1.5X	109		5
2007	FEB	17	1333	25.21	19	59.52	155	29.69	7.75	40	.12	.7	.4	KEA		2.1X	253		20
2007	FEB	17	1425	54.39	19	22.88	155	26.82	10.13	49	.11	.3	.5	KAO		2.0X	57		2
2007	FEB	17	1728	45.83	19	25.36	155	37.38	2.11	18	.11	.4	.4	MLO		1.4X	101		2
2007	FEB	17	1926	59.13	19	35.39	156	2.37	41.37	22	.09	1.7	1.4	KON		2.2X	299		30
2007	FEB	17	2144	43.30	19	25.60	155	36.84	2.04	21	.16	.3	.4	MLO		1.3X	84		3
2007	FEB	17	2233	49.30	19	22.56	155	13.03	3.38	14	.06	.9	.4	SER		1.6X	182		0
2007	FEB	18	0249	26.96	19	5.82	155	28.04	30.55	45	.11	.7	1.1	DLS		1.9X	185		7
2007	FEB	18	0620	42.87	19	25.08	155	24.92	10.46	47	.11	.3	.5	KAO		2.9X	34		7
2007	FEB	18	1500	23.22	19	18.98	155	26.03	9.32	21	.08	.5	1.0	LSW		1.4X	126		5
2007	FEB	18	2243	9.70	19	31.14	155	26.13	2.73	17	.10	.4	.5	MLO		1.6X	144		3
2007	FEB	19	0701	19.09	19	26.19	155	0.74	2.49	19	.10	.7	.9	GLN		1.4X	145		4
2007	FEB	19	0720	21.27	19	29.53	155	17.81	24.22	28	.11	.7	1.0	DEP		1.6X	128		8
2007	FEB	19	0952	48.74	19	20.51	155	12.55	8.79	34	.09	.5	.5	SF2		1.5X	131		4
2007	FEB	19	1152	42.54	19	29.73	155	47.86	8.21	29	.11	.6	.7	KON		1.7X	129		4
2007	FEB	19	1202	34.71	19	25.01	155	37.69	2.94	27	.12	.3	.4	MLO		1.9X	78		1
2007	FEB	19	2032	40.66	19	57.16	156	6.69	37.02	25	.09	1.3	2.6	KOH		1.9X	296		41
2007	FEB	20	0046	47.87	19	55.91	155	35.06	7.40	28	.10	.7	.5	KOH	F	1.8X	235		11
2007	FEB	20	0111	48.94	19	18.28	155	23.52	4.52	40	.12	.4	1.1	SWR		1.5X	109		4
2007	FEB	20	0238	32.33	19	22.29	155	30.22	10.14	24	.10	.4	.9	KAO		1.5X	86		5
2007	FEB	20	0258	34.80	19	22.31	155	57.88	15.15	31	.11	1.0	.9	KON		1.8X	241		14
2007	FEB	20	0420	12.49	19	23.11	155	29.30	10.11	33	.08	.4	.6	KAO		1.6X	75		3
2007	FEB	20	1003	11.02	19	24.87	155	38.57	3.26	24	.10	.4	.5	MLO		1.9X	107		2
2007	FEB	20	1108	19.45	19	4.56	155	44.31	39.46	23	.10	1.2	2.0	KON		1.8X	270		9
2007	FEB	20	1232	35.72	19	50.39	155	30.76	14.90	36	.10	.8	.7	KEA		1.9X	153		16
2007	FEB	20	1238	15.70	19	19.83	155	6.61	8.58	42	.10	.5	.4	SF4		2.2X	154		5
2007	FEB	20	1252	47.50	19	25.90	155	37.25	2.54	16	.08	.3	.4	MLO		1.3X	89		3

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 11
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG		GAP	DS
2007	FEB	20	1823	31.61	19	19.78	155	10.74	8.75	38	.08	.4	.5	SF3		1.6X	92		6
2007	FEB	20	1937	49.70	19	27.83	154	53.66	6.29	40	.16	.9	.5	LER		2.0X	261		3
2007	FEB	20	1957	40.58	19	38.18	156	31.04	31.83	41	.12	1.5	2.9	DIS		2.7X	308		65
2007	FEB	20	2017	17.87	19	18.89	155	6.68	7.14	38	.08	.4	.6	SF4		1.3X	169		4
2007	FEB	20	2104	10.34	19	56.18	155	35.18	8.55	23	.10	.8	.6	KOH		1.6X	237		11
2007	FEB	21	0155	55.58	19	23.26	155	14.53	3.78	45	.10	.3	.4	SEC		2.6X	47		3
2007	FEB	21	0218	54.14	19	22.88	155	14.61	2.00	23	.09	.3	.3	SEC		2.0X	73		2
2007	FEB	21	0632	15.77	19	22.95	155	14.80	3.32	38	.10	.3	.3	SEC		2.4X	49		2
2007	FEB	21	0659	36.16	19	53.73	155	58.74	39.88	24	.11	1.4	2.0	HUA		1.5X	286		27
2007	FEB	21	0704	57.19	19	28.66	155	24.83	3.54	36	.14	.3	.8	KAO		1.9X	47		3
2007	FEB	21	0706	45.19	19	23.19	155	14.77	3.60	39	.10	.3	.3	SEC		2.5X	48		2
2007	FEB	21	1125	45.16	19	23.04	155	14.35	3.63	33	.09	.3	.4	SEC		2.2X	63		2
2007	FEB	21	1224	51.25	19	16.07	155	23.42	5.86	23	.12	.5	2.3	SWR		1.2X	146		8
2007	FEB	21	1320	19.38	19	30.50	155	29.24	7.57	17	.08	.4	1.6	MLO		1.6X	101		4
2007	FEB	21	2101	5.15	19	36.16	156	5.14	41.92	22	.12	1.3	1.8	KON		1.8X	272		22
2007	FEB	21	2153	9.36	19	21.50	155	4.45	7.42	31	.14	.5	.4	SF5		1.6X	163		5
2007	FEB	21	2243	28.48	19	25.12	155	19.53	5.99	34	.10	.4	.7	KAO		1.8X	83		3
2007	FEB	21	2357	45.07	19	20.53	155	12.62	7.10	25	.11	.5	.8	SF2		1.2X	68		4
2007	FEB	22	0131	13.03	19	18.87	155	13.00	6.01	30	.11	.4	.8	SF2		1.6X	87		4
2007	FEB	22	0140	21.47	19	19.30	155	2.05	32.70	19	.09	1.3	1.6	DEP		1.5X	213		11
2007	FEB	22	0504	49.05	19	17.12	155	15.61	3.22	24	.12	.6	1.0	SSF		1.4X	189		4
2007	FEB	22	0523	36.46	19	41.90	156	50.94	24.84	46	.11	1.1	3.8	DIS		3.1X	304		100
2007	FEB	22	0950	0.00	19	42.98	156	53.53	24.58	35	.12	2.4	5.4	DIS		2.3X	325		111
2007	FEB	22	0953	39.54	19	17.89	155	12.67	6.42	35	.10	.5	.7	SF2		1.9X	163		2
2007	FEB	22	1831	4.31	19	1.93	155	1.50	44.77	21	.09	2.2	2.6	LOI		1.8X	291		41
2007	FEB	22	1935	15.18	19	25.71	155	20.00	7.11	16	.08	.5	1.3	KAO		1.1X	134		4
2007	FEB	23	0411	11.67	19	26.29	155	23.88	9.24	32	.14	.4	.9	KAO		1.9X	84		7
2007	FEB	23	0653	47.01	19	46.49	156	9.19	7.75	46	.14	.9	.7	HUA	F	3.3X	255		40
2007	FEB	23	0857	15.26	19	25.60	155	40.27	1.04	12	.11	.6	.5	MLO		1.4X	228		5
2007	FEB	23	1442	4.68	19	0.17	155	25.08	39.46	36	.10	1.1	1.4	DLS		1.7X	231		18
2007	FEB	23	2003	39.13	19	46.44	154	58.03	45.87	41	.12	1.0	1.3	HIL		2.4X	237		10
2007	FEB	23	2258	10.58	19	33.83	156	4.76	6.20	17	.17	2.4	1.0	KON		1.3X	304		19
2007	FEB	23	2357	21.74	19	10.64	155	22.75	6.03	29	.11	.7	1.4	SWR		1.6X	203		9
2007	FEB	24	0001	43.08	20	3.21	155	36.81	13.88	21	.12	.9	.5	KOH		2.0X	186		19
2007	FEB	24	0112	32.13	19	1.06	155	25.57	45.09	22	.09	1.5	1.8	DLS		1.8X	241		16
2007	FEB	24	0210	11.56	19	19.71	155	6.40	7.97	29	.12	.6	.5	SF4		1.7X	159		5
2007	FEB	24	0400	26.83	19	22.30	155	2.55	0.91	28	.14	.6	.5	SSF		2.0X	174		5
2007	FEB	24	0408	38.03	19	23.39	155	16.88	3.05	39	.10	.3	.2	SSC		2.3X	44		0
2007	FEB	24	0424	20.13	19	21.92	155	4.53	8.70	42	.12	.6	.4	SF5		2.4X	157		5
2007	FEB	24	0433	32.86	19	35.76	155	19.35	14.60	31	.09	.5	.5	KEA		1.7X	112		13
2007	FEB	24	0454	54.16	19	19.87	155	10.90	7.54	25	.11	.5	.8	SF3		1.6X	91		5
2007	FEB	24	0517	48.79	19	23.42	155	16.89	3.04	21	.09	.4	.3	SSC		1.5X	60		0
2007	FEB	24	0654	49.20	19	13.43	155	2.70	48.36	40	.11	1.1	1.2	DEP		2.2X	222		12
2007	FEB	24	0830	23.40	19	19.24	155	11.61	9.01	35	.10	.5	.5	SF3		1.7X	101		5
2007	FEB	24	1124	55.92	19	16.25	155	27.34	9.58	36	.11	.4	.8	LSW		1.5X	99		5

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 12
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG		GAP	DS
2007	FEB	24	1224	58.98	19	20.32	155	11.64	7.25	33	.09	.5	.7	SF3		1.5X	78		5
2007	FEB	24	1440	6.60	19	25.10	155	19.45	7.60	34	.08	.4	.7	KAO		1.5X	82		3
2007	FEB	24	1443	40.62	19	16.10	155	25.07	33.63	42	.10	.7	1.0	DLS		1.7X	117		8
2007	FEB	24	1521	10.69	20	6.93	156	10.80	4.44	37	.07	1.1	.5	KOH	F	2.2X	291		42
2007	FEB	24	1612	43.13	19	3.84	155	21.22	32.35	33	.10	1.1	1.7	LOI		1.6X	267		16
2007	FEB	24	1641	35.35	19	37.99	156	10.75	6.24	18	.06	1.7	.7	KON		2.0X	321		36
2007	FEB	24	1911	51.69	19	15.39	155	24.79	32.84	36	.10	.7	1.1	DEP		1.7X	125		9
2007	FEB	24	1929	45.84	19	27.47	155	29.35	11.08	44	.10	.3	.5	KAO		1.9X	52		9
2007	FEB	24	1930	10.05	19	27.52	155	29.20	10.94	43	.11	.3	.5	KAO		2.1X	50		9
2007	FEB	24	1946	33.72	20	6.21	155	57.96	7.16	30	.11	1.4	1.0	KOH		1.9X	294		42
2007	FEB	25	0731	26.70	19	25.02	155	18.89	6.13	28	.10	.4	.7	INT		1.3X	112		2
2007	FEB	25	0844	18.66	19	27.02	155	23.00	9.72	30	.11	.4	.9	KAO		1.5X	101		5
2007	FEB	25	1154	6.32	19	26.34	155	29.89	9.37	23	.10	.4	1.2	KAO		1.5X	66		8
2007	FEB	25	2030	11.95	19	43.59	155	20.79	43.28	22	.10	1.0	1.4	KEA		1.7X	130		18
2007	FEB	25	2036	19.54	19	32.50	155	48.78	0.03	23	.12	.5	.2	KON	#	1.4X	109		6
2007	FEB	25	2056	24.20	19	24.83	155	19.36	7.27	33	.09	.4	.6	KAO		1.5X	73		2
2007	FEB	25	2238	22.37	19	22.69	155	14.14	3.14	19	.09	.4	.4	SEC		1.6X	89		2
2007	FEB	25	2243	16.66	19	22.63	155	13.75	4.24	25	.12	.7	.4	SER	T	1.4X	166		1
2007	FEB	25	2257	13.28	19	6.33	155	25.82	40.72	26	.12	1.1	1.7	DLS	T	1.9X	237		7
2007	FEB	26	0240	46.41	19	27.54	154	52.54	7.62	39	.13	.9	.5	LER		1.7X	266		5
2007	FEB	26	0320	34.37	20	6.02	156	4.44	21.84	18	.12	1.5	4.8	KOH		1.9X	282		31
2007	FEB	26	0324	9.05	19	20.33	155	11.19	8.60	45	.09	.4	.3	SF3		2.0X	80		5
2007	FEB	26	0752	26.06	19	9.38	155	9.97	47.11	20	.10	1.8	1.9	LOI		1.7X	294		22
2007	FEB	26	0843	11.32	19	17.88	155	12.54	8.54	37	.10	.5	.7	SF2		1.5X	130		2
2007	FEB	26	1050	14.77	19	9.37	155	38.31	1.80	23	.19	.6	1.0	LSW		1.6X	101		13
2007	FEB	26	1110	4.97	19	34.06	155	50.10	11.05	34	.14	.6	.4	KON	F	2.0X	134		10
2007	FEB	26	1500	36.93	19	22.21	155	29.38	11.86	26	.12	.4	.8	KAO		1.4X	74		3
2007	FEB	26	1555	58.90	19	29.34	155	26.98	8.53	15	.07	.4	1.5	KAO		1.4X	95		5
2007	FEB	26	1657	37.59	19	19.35	155	11.72	4.78	31	.10	.4	1.6	SSF		1.5X	97		5
2007	FEB	26	1927	23.54	19	19.94	155	10.60	7.71	42	.09	.4	.5	SF3		1.9X	89		5
2007	FEB	26	2217	47.91	19	12.25	155	32.01	4.16	33	.15	.6	1.6	LSW		2.0X	134		6
2007	FEB	26	2315	48.45	19	52.71	155	48.46	35.23	41	.09	.6	1.3	HUA		1.9X	170		16
2007	FEB	27	0003	51.00	19	17.83	155	29.18	6.65	32	.19	.5	1.3	LSW		1.6X	78		5
2007	FEB	27	0052	15.32	19	21.84	155	30.25	10.58	23	.11	.4	1.0	KAO		1.5X	69		5
2007	FEB	27	0053	57.33	19	59.00	155	48.27	9.75	20	.11	1.0	.8	KOH		1.6X	182		16
2007	FEB	27	0126	25.28	20	1.46	155	24.55	11.22	30	.13	1.0	.6	KEA		1.8X	213		16
2007	FEB	27	0655	56.17	19	45.72	155	24.77	18.85	45	.10	.4	1.2	KEA		2.4X	72		5
2007	FEB	27	0701	16.67	19	19.97	155	7.92	5.79	25	.13	.5	1.4	SF4		1.5X	122		5
2007	FEB	27	1635	25.35	19	23.13	155	29.60	9.27	21	.08	.4	1.0	KAO		1.4X	77		4
2007	FEB	28	0415	8.08	20	14.14	155	37.87	29.16	36	.12	1.3	3.0	KOH		2.2X	292		42
2007	FEB	28	1313	12.87	19	22.32	155	16.90	3.32	20	.06	.3	.3	SSC		1.5X	63		2
2007	FEB	28	1337	52.00	19	20.10	155	12.48	10.59	31	.10	.5	.5	SF2		1.5X	142		5
2007	FEB	28	1355	46.41	19	14.28	155	24.38	39.17	23	.10	1.2	1.6	DEP		1.4X	222		10
2007	FEB	28	1407	0.75	19	27.92	155	24.14	10.63	30	.11	.4	.8	KAO		1.5X	86		4
2007	FEB	28	1448	40.17	19	45.54	155	25.21	18.90	34	.12	.6	1.4	KEA		1.9X	107		5

ORIGIN YEAR	MON	DA	TIME (HST) HRMN	SEC	LAT N DEG	MIN	LON W DEG	MIN	DEPTH KM	N RD	RMS SEC	ERH KM	ERZ KM	LOC REMKS	PREF MAG	AZ GAP	DS
2007	FEB	28	1717	20.55	19	20.34	155	3.97	1.25	37	.13	.7	.3	SSF	1.7X	201	7
2007	FEB	28	2032	25.88	19	26.65	155	29.74	10.25	23	.10	.4	1.3	KAO	1.5X	69	9
2007	FEB	28	2044	5.89	19	18.60	155	13.29	7.49	44	.13	.4	.6	SF2	2.1X	84	3
2007	FEB	28	2131	26.41	19	16.96	155	23.74	1.85	21	.11	.4	.6	SWR	1.3X	175	6
2007	MAR	1	0854	8.82	19	26.06	155	28.64	9.90	15	.09	.5	1.6	KAO	1.2X	83	7
2007	MAR	1	1450	13.99	19	20.02	155	10.44	7.26	33	.11	.5	.8	SF3	1.6X	170	5
2007	MAR	1	1523	59.26	19	14.92	155	26.49	9.77	47	.13	.4	.7	LSW	2.2X	112	6
2007	MAR	1	1932	21.61	19	46.05	155	21.17	14.70	28	.11	.6	.5	KEA	1.7X	146	11
2007	MAR	1	2032	16.85	19	21.32	155	4.51	9.10	44	.13	.6	.4	SF5	2.5X	165	6
2007	MAR	1	2130	18.58	19	57.44	155	17.23	10.31	15	.14	1.7	.7	KEA	1.4X	286	9
2007	MAR	2	0113	53.92	19	23.87	155	29.14	9.78	38	.11	.3	.6	KAO	1.9X	42	4
2007	MAR	2	0543	6.59	19	27.63	155	49.54	8.44	29	.13	.5	.6	KON	1.9X	119	8
2007	MAR	2	0724	35.29	19	16.16	156	23.12	35.72	33	.12	1.6	2.6	DIS	2.2X	292	55
2007	MAR	2	1214	15.73	19	30.63	155	28.32	5.97	23	.09	.3	1.3	MLO	1.4X	93	3
2007	MAR	2	2327	7.70	19	19.93	155	10.72	9.85	49	.10	.4	.3	SF3 F	2.9X	88	5
2007	MAR	3	0054	35.47	19	25.07	155	38.67	3.37	18	.11	.5	.5	MLO	1.3X	122	2
2007	MAR	3	0056	9.50	19	24.65	155	38.48	3.53	15	.10	.7	.5	MLO	1.1X	182	1
2007	MAR	3	0112	17.76	20	14.20	155	51.69	9.65	18	.12	3.1	.9	KOH	1.7X	308	15
2007	MAR	3	0249	21.15	19	22.64	155	14.19	3.30	14	.06	.5	.4	SEC	1.7X	86	2
2007	MAR	3	1012	50.33	19	24.39	155	37.86	2.63	13	.17	.6	.4	MLO	1.3X	97	0
2007	MAR	3	1524	0.98	19	19.38	155	8.49	5.97	28	.10	.6	1.4	SF4	1.4X	186	7
2007	MAR	3	1611	45.30	19	18.80	155	15.10	6.08	31	.12	.5	.9	SF1	1.4X	117	4
2007	MAR	3	1612	40.57	19	29.87	155	54.43	16.14	17	.14	1.0	1.0	KON	1.1X	99	2
2007	MAR	3	1617	12.88	19	21.84	155	4.65	7.02	37	.11	.5	.7	SF5	1.6X	156	5
2007	MAR	3	1716	47.73	19	28.43	155	54.88	13.27	22	.17	1.2	.5	KON	1.4X	192	2
2007	MAR	3	2113	18.54	19	30.08	155	29.57	8.51	18	.12	.4	1.5	MLO	1.6X	100	5
2007	MAR	3	2356	44.48	19	33.42	155	37.97	7.50	39	.12	.4	.9	MLO	1.9X	106	8
2007	MAR	4	0112	18.14	20	14.48	156	20.19	31.82	27	.14	2.0	3.3	DIS	1.7U	309	60
2007	MAR	4	0213	40.93	19	20.06	155	12.56	7.87	38	.10	.4	.5	SF2	1.6X	75	5
2007	MAR	4	0319	28.80	19	22.68	155	30.41	12.91	15	.12	.6	1.3	KAO	1.0X	67	5
2007	MAR	4	0557	37.33	19	26.33	155	37.56	3.51	19	.11	.4	.5	MLO	1.5X	93	3
2007	MAR	4	0626	26.43	19	22.67	155	14.35	3.45	27	.11	.4	.3	SEC	1.8X	80	2
2007	MAR	4	0630	42.48	19	26.20	155	38.41	3.08	16	.10	.8	.6	MLO	1.4X	198	4
2007	MAR	4	0804	8.81	19	48.88	156	14.83	39.70	14	.07	2.6	2.8	HUA	1.5X	321	45
2007	MAR	4	0902	16.89	19	17.77	155	12.49	7.97	30	.09	.6	.7	SF2	1.4X	137	2
2007	MAR	4	0913	30.53	19	19.86	155	7.77	8.33	42	.11	.4	.5	SF4	1.9X	126	5
2007	MAR	4	0916	47.29	19	19.47	155	9.08	6.61	24	.10	.5	1.0	SF4	1.3X	93	4
2007	MAR	4	1245	46.02	19	28.74	155	26.38	8.00	49	.12	.3	.6	KAO F	2.9X	63	6
2007	MAR	4	1938	5.03	19	22.03	155	19.66	33.93	44	.11	.7	.9	DML	2.0X	46	3
2007	MAR	5	0027	4.75	20	11.96	156	8.95	3.08	28	.10	1.9	1.2	KOH	2.0X	311	64
2007	MAR	5	0140	34.99	19	13.35	155	29.20	42.41	28	.08	.9	1.4	DLS	1.6X	99	4
2007	MAR	5	0353	47.38	19	18.16	155	13.20	6.09	32	.10	.4	1.0	SF2	1.2X	94	2
2007	MAR	5	0355	39.09	19	18.05	155	13.25	8.83	43	.11	.5	.5	SF2	2.2X	95	2
2007	MAR	5	1526	58.11	19	17.64	155	22.98	4.36	30	.10	.4	1.6	SWR	1.5X	117	5
2007	MAR	5	1859	3.69	19	19.80	155	13.23	7.71	39	.07	.4	.6	SF2	1.7X	69	5

ORIGIN YEAR	MON	DA	TIME (HST) HRMN	SEC	LAT N DEG	MIN	LON W DEG	MIN	DEPTH KM	N RD	RMS SEC	ERH KM	ERZ KM	LOC REMKS	PREF MAG	AZ GAP	DS
2007	MAR	5	2213	49.96	19	26.53	155	57.30	28.43	20	.08	1.5	1.8	KON	1.3X	266	21
2007	MAR	6	0434	19.76	19	30.11	155	30.11	2.64	34	.11	.3	.7	MLO	1.7X	76	6
2007	MAR	6	0718	10.95	19	13.26	155	33.58	7.23	35	.12	.5	.9	LSW	1.5X	127	7
2007	MAR	6	0758	20.93	19	20.98	155	4.41	8.32	42	.09	.4	.4	SF5	1.6X	170	6
2007	MAR	6	1154	55.83	19	24.91	155	29.99	10.22	29	.07	.4	.9	KAO	1.4X	56	6
2007	MAR	6	1359	58.53	19	55.16	155	29.79	14.23	22	.10	1.2	.8	KEA	1.5X	212	16
2007	MAR	6	1620	12.42	19	28.89	155	26.30	7.91	23	.13	.5	1.3	KAO	1.5X	91	6
2007	MAR	6	1656	6.91	19	23.02	155	14.79	3.08	20	.07	.3	.3	SEC	1.5X	73	2
2007	MAR	6	2029	33.86	19	18.91	155	12.77	5.97	38	.11	.4	1.0	SF2	1.2X	92	4
2007	MAR	6	2157	28.70	19	13.15	155	32.88	8.53	35	.14	.4	1.0	LSW	1.5X	80	6
2007	MAR	6	2201	2.69	19	13.58	155	32.38	8.85	28	.15	.5	1.4	LSW	1.5X	119	5
2007	MAR	7	0529	43.26	19	27.41	155	14.18	32.37	40	.10	.6	.8	DEP	1.6X	102	5
2007	MAR	7	1642	30.59	19	24.80	155	16.35	1.54	15	.07	.2	.3	SNC	1.4X	145	2
2007	MAR	7	1743	27.27	19	21.45	155	11.34	1.84	13	.09	.4	.7	SER	1.5X	144	3
2007	MAR	7	2142	18.23	19	24.39	155	16.73	1.72	16	.07	.3	.2	SSC	1.3X	121	1
2007	MAR	8	0014	55.98	19	18.46	155	15.02	7.71	19	.10	.6	1.1	SF1	.9X	128	4
2007	MAR	8	0219	44.04	19	21.36	155	44.88	11.21	19	.09	.6	1.2	KON	1.1X	125	8
2007	MAR	8	0306	44.51	19	25.77	155	36.73	1.80	15	.13	.4	.6	MLO	1.0X	103	3
2007	MAR	8	0359	22.35	19	22.27	155	14.29	3.47	19	.08	.4	.4	SEC	1.5X	72	2
2007	MAR	8	0415	23.67	19	25.69	155	37.57	2.55	37	.12	.3	.4	MLO	2.2X	93	2
2007	MAR	8	0952	53.18	19	26.08	155	24.02	9.89	20	.10	.5	1.2	KAO	1.4X	86	7
2007	MAR	8	1327	57.94	19	25.10	155	38.82	3.28	16	.07	.6	.5	MLO	1.7X	194	2
2007	MAR	8	1452	33.53	19	26.45	155	29.79	9.86	21	.08	.4	1.2	KAO	1.9X	67	8
2007	MAR	8	1901	18.82	19	18.55	155	15.49	2.80	24	.12	.4	1.2	SSF	1.1X	131	5
2007	MAR	8	2246	24.01	20	17.34	155	47.29	15.65	13	.10	3.0	1.0	KOH	1.7X	326	18
2007	MAR	9	0125	20.44	19	29.74	155	25.00	2.73	17	.14	.5	.6	KAO	1.6X	117	3
2007	MAR	9	0315	42.32	19	17.09	155	45.00	12.79	17	.13	.8	.5	KON	1.1X	170	12
2007	MAR	9	1101	2.19	19	56.99	155	52.59	33.71	42	.10	.8	1.4	KOH F	2.5X	215	22
2007	MAR	9	1457	24.08	20	1.55	156	11.87	41.73	31	.10	1.5	1.9	KOH	2.5X	281	45
2007	MAR	9	1643	48.65	19	24.37	155	26.83	9.77	26	.11	.4	.7	KAO	1.5X	61	4
2007	MAR	9	2004	24.65	19	25.91	155	18.83	7.09	19	.07	.5	.8	INT	1.6X	149	2
2007	MAR	9	2117	20.85	19	23.24	156	1.77	39.43	18	.07	1.4	2.3	KON	1.6X	274	16
2007	MAR	10	0342	41.25	19	19.51	155	8.83	5.94	21	.12	.7	1.4	SF4	1.1X	99	4
2007	MAR	10	1025	51.49	19	14.73	155	4.64	42.04	27	.09	1.6	1.0	DEP	1.6X	254	16
2007	MAR	10	1051	41.38	19	19.85	155	10.92	8.22	33	.09	.5	.7	SF3	1.4X	90	6
2007	MAR	10	1052	59.64	19	19.93	155	10.91	8.68	34	.09	.4	.7	SF3	1.4X	88	5
2007	MAR	10	1054	8.26	19	20.16	155	11.03	7.35	41	.08	.4	.6	SF3	2.0X	84	5
2007	MAR	10	1623	13.45	19	11.01	155	23.30	43.08	18	.13	1.4	1.4	DEP T	1.8X	234	14
2007	MAR	11	0120	14.24	19	45.17	156	10.49	6.80	17	.13	1.2	1.1	HUA	1.5X	291	36
2007	MAR	11	0455	28.37	20	14.98	156	17.11	27.75	27	.11	1.5	3.7	KOH	2.4X	309	55
2007	MAR	11	0652	19.35	20	1.11	155	23.64	13.31	17	.10	1.7	.5	KEA	1.4X	281	15
2007	MAR	11	1152	57.28	19	13.58	155	33.42	5.39	37	.12	.4	1.6	LSW	2.2X	123	6
2007	MAR	11	1200	51.80	19	26.02	155	28.70	7.73	13	.10	.5	1.8	KAO	1.5X	103	7
2007	MAR	11	1432	59.27	19	33.82	155	45.79	10.84	20	.15	.6	.9	KON	1.5X	109	6
2007	MAR	11	1837	42.55	19	23.58	155	0.73	8.18	41	.11	.7	.4	SF5	1.8X	175	5

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 15
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	MAR	11	2230	56.08	19	11.95	155	28.22	8.06	41	.13	.4	.7	LSW	1.8X	102	5
2007	MAR	12	0153	4.62	19	18.60	155	13.30	8.75	45	.12	.4	.5	SF2	2.1X	83	3
2007	MAR	12	0217	11.97	19	19.84	155	8.65	7.80	37	.12	.5	.6	SF4	1.4X	105	5
2007	MAR	12	0239	44.72	19	18.13	155	12.97	7.82	36	.11	.4	.8	SF2	1.4X	105	2
2007	MAR	12	0523	12.41	19	10.72	155	39.08	6.61	26	.12	.5	1.8	LSW	1.5X	161	12
2007	MAR	12	0747	7.54	20	19.97	155	8.54	5.05	41	.10	1.1	1.1	KEA	2.3X	299	53
2007	MAR	12	0811	33.27	19	19.76	155	10.94	32.10	44	.10	.7	.8	DEP	1.9X	92	6
2007	MAR	12	1314	29.63	19	20.64	155	7.04	7.55	21	.10	.6	1.1	SF4	1.5X	135	5
2007	MAR	12	1417	29.61	19	22.44	155	1.90	6.88	37	.14	.8	.7	SF5	1.8X	178	5
2007	MAR	12	1811	19.42	19	26.59	155	27.60	8.97	16	.13	.5	1.6	KAO	1.2X	71	8
2007	MAR	12	1821	23.47	19	46.21	155	47.13	15.90	21	.10	.6	1.1	HUA	1.6X	148	11
2007	MAR	12	1957	5.91	19	21.12	155	4.52	8.84	37	.10	.6	.4	SF5	2.5X	165	6
2007	MAR	12	2124	11.99	19	23.92	155	23.06	6.35	29	.12	.4	1.4	KAO	1.2X	76	6
2007	MAR	12	2239	4.34	19	28.42	154	53.20	2.49	27	.14	.7	.5	SLE	2.1X	181	4
2007	MAR	13	0052	13.49	19	19.45	155	26.38	31.80	37	.12	.6	1.0	DML	1.6X	88	6
2007	MAR	13	0236	17.60	19	14.45	155	12.18	9.94	26	.11	.8	.5	SF3	1.5X	236	5
2007	MAR	13	0418	39.62	19	23.57	155	15.36	1.80	14	.09	.3	.4	SEC	1.3X	91	2
2007	MAR	13	1024	28.95	19	19.04	155	8.59	5.15	24	.12	.6	1.8	SF4	1.1X	104	3
2007	MAR	13	1113	10.02	19	9.72	155	41.47	12.07	24	.12	.7	.6	LSW	1.4X	174	8
2007	MAR	13	1128	33.89	19	19.62	155	8.85	6.41	27	.09	.5	1.1	SF4	1.3X	99	4
2007	MAR	13	1514	22.07	19	15.65	155	27.72	11.72	26	.10	.4	1.2	LSW	1.6X	117	4
2007	MAR	13	1808	17.85	19	24.47	155	30.14	10.08	40	.09	.3	.5	KAO	1.8X	53	6
2007	MAR	13	2042	47.61	19	21.80	155	12.98	3.03	20	.09	.4	.4	SER	1.7X	113	2
2007	MAR	13	2052	30.26	19	45.81	155	34.20	19.76	31	.10	.6	1.5	KEA	1.7X	102	12
2007	MAR	14	0436	56.49	19	46.14	155	33.26	16.23	29	.13	.6	1.3	KEA	1.6X	105	10
2007	MAR	14	0701	43.19	19	11.08	155	8.82	47.05	32	.09	1.3	.9	DEP	1.7X	232	14
2007	MAR	14	1018	6.41	19	20.45	155	13.61	7.37	34	.12	.5	.6	SF2	1.8X	58	4
2007	MAR	14	1732	40.54	19	29.07	155	26.22	6.30	41	.12	.3	.8	KAO	2.0X	48	5
2007	MAR	14	1743	47.05	19	33.99	155	21.55	9.01	32	.11	.3	.8	MLO	1.6X	74	8
2007	MAR	14	1802	11.46	19	12.91	155	24.89	36.59	41	.10	.7	1.0	DEP	1.9X	151	8
2007	MAR	14	2031	33.61	19	22.72	155	17.16	2.54	21	.13	.4	.2	SSC	1.6X	99	1
2007	MAR	14	2133	19.57	19	18.81	155	30.11	9.22	38	.12	.4	.7	LSW	1.8X	71	7
2007	MAR	14	2301	18.43	19	22.62	155	17.31	2.45	19	.05	.3	.3	SSC	1.4X	101	2
2007	MAR	15	0144	4.31	19	23.05	155	17.06	2.87	28	.07	.3	.2	SSC	1.8X	77	1
2007	MAR	15	0436	48.10	19	35.74	156	24.91	36.38	21	.12	1.5	3.3	DIS	1.6X	283	54
2007	MAR	15	0441	8.12	19	52.93	155	57.68	12.16	19	.11	1.6	1.2	HUA	2.2X	298	32
2007	MAR	15	0629	28.60	19	24.96	155	19.08	6.59	27	.09	.4	.8	KAO	1.5X	74	3
2007	MAR	15	0741	36.27	19	24.97	155	19.04	7.10	30	.07	.4	.7	KAO	1.4X	111	3
2007	MAR	15	0905	46.21	19	27.15	155	29.22	10.95	24	.08	.4	1.2	KAO	1.3X	71	9
2007	MAR	15	1250	23.12	19	50.71	155	23.61	29.72	28	.12	.8	1.5	KEA	1.8X	156	7
2007	MAR	15	1550	46.78	19	5.12	155	16.31	43.63	19	.07	1.8	1.9	LOI	1.5X	297	28
2007	MAR	15	1736	21.15	19	19.16	155	13.18	7.85	44	.10	.4	.6	SF2	1.7X	79	4
2007	MAR	15	1805	41.82	18	57.94	155	15.99	19.81	35	.10	1.2	4.6	LOI	1.6X	269	30
2007	MAR	15	1857	43.03	19	27.97	155	25.29	10.31	37	.11	.4	.7	KAO	1.3X	51	5
2007	MAR	15	2220	23.16	19	21.45	155	3.27	8.10	36	.09	.7	.5	SF5	1.5X	206	6

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 16
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	MAR	15	2321	56.73	19	3.64	155	22.78	38.12	21	.09	1.4	1.8	LOI	1.4X	266	14
2007	MAR	16	0005	0.08	19	21.25	155	4.29	9.13	42	.08	.5	.4	SF5	2.0X	169	6
2007	MAR	16	0058	55.15	19	54.26	155	54.52	39.14	28	.07	1.0	1.5	HUA	# 2.1X	282	25
2007	MAR	16	2029	48.38	19	21.76	155	12.77	2.72	20	.08	.3	.4	SER	1.8X	87	2
2007	MAR	16	2033	43.26	19	21.21	155	12.68	1.06	19	.08	.2	.4	SER	1.6X	123	3
2007	MAR	16	2248	39.18	19	19.96	155	10.57	8.12	43	.08	.4	.5	SF3	1.7X	88	5
2007	MAR	16	2317	39.79	19	35.50	155	47.72	30.61	20	.08	.8	1.5	KON	1.6X	108	10
2007	MAR	17	0351	24.84	19	26.27	155	29.29	10.51	19	.08	.4	1.1	KAO	1.3X	64	8
2007	MAR	17	0713	30.08	19	19.90	155	8.91	8.59	41	.09	.4	.6	SF4	1.5X	99	5
2007	MAR	17	0807	59.03	19	23.27	155	17.05	2.82	18	.08	.3	.2	SSC	1.3X	59	0
2007	MAR	17	2057	33.38	19	44.38	155	21.96	14.33	18	.10	.9	.5	KEA	1.5X	159	11
2007	MAR	18	0005	33.81	19	29.44	155	26.80	7.41	34	.11	.3	.9	KAO	1.7X	70	5
2007	MAR	18	0029	22.00	19	22.54	155	14.10	3.38	20	.06	.4	.3	SEC	1.8X	87	2
2007	MAR	18	0034	56.29	19	21.80	155	14.08	3.02	19	.11	.4	.4	KOA	1.5X	97	2
2007	MAR	18	0438	47.60	19	20.29	155	12.94	8.46	36	.06	.3	.5	SF2	1.5X	68	4
2007	MAR	18	0604	9.11	19	7.29	155	19.56	8.96	23	.11	.8	1.1	LOI	1.5X	228	15
2007	MAR	18	0618	43.31	19	20.06	155	8.66	8.69	33	.10	.5	.7	SF4	1.5X	176	6
2007	MAR	18	0733	47.96	19	19.78	155	2.65	37.23	32	.08	1.4	.9	DEP	1.1U	218	9
2007	MAR	18	1124	46.27	19	28.09	155	29.76	22.79	19	.14	.9	1.6	DML	1.9X	84	8
2007	MAR	18	1154	22.70	19	26.39	155	38.37	45.76	17	.13	1.4	1.2	DML L	2.0X	187	10
2007	MAR	18	1457	57.68	19	29.00	155	46.17	8.82	18	.10	.6	1.0	KON	1.2X	97	3
2007	MAR	18	1550	26.54	19	27.79	155	35.74	38.89	44	.12	.6	.9	DML L	2.8X	51	1
2007	MAR	18	2026	12.31	19	24.59	155	34.39	41.11	26	.17	1.0	1.6	DML L	1.8X	60	3
2007	MAR	18	2033	58.40	19	32.67	155	56.47	13.38	21	.13	1.4	.6	KON	1.5X	260	7
2007	MAR	18	2118	34.76	19	15.75	155	24.96	32.62	40	.11	.7	1.2	DEP	1.5X	120	9
2007	MAR	19	0039	1.77	19	15.38	155	24.95	36.33	29	.10	.9	1.3	DEP	1.4X	172	9
2007	MAR	19	0332	46.70	19	27.35	155	36.72	42.24	39	.13	.9	1.1	DML L	2.4X	68	1
2007	MAR	19	0457	57.55	19	20.20	155	6.78	8.75	44	.08	.4	.3	SF4	2.3X	145	6
2007	MAR	19	0620	56.27	19	23.70	155	15.33	1.74	18	.05	.2	.3	SEC	1.7X	95	2
2007	MAR	19	0921	43.50	19	18.11	155	23.48	5.61	35	.11	.4	1.1	SWR	2.1X	110	4
2007	MAR	19	1158	56.93	19	26.99	155	34.69	46.40	18	.12	1.4	1.8	DML L	2.0X	64	2
2007	MAR	19	1619	13.73	19	43.78	155	32.94	33.80	51	.09	.5	.9	KEA	2.5X	78	11
2007	MAR	19	1742	11.09	19	22.99	155	16.98	2.70	36	.07	.2	.1	SSC	2.2X	40	1
2007	MAR	19	1742	40.95	19	22.72	155	17.02	1.78	19	.12	.3	.2	SSC	1.5X	81	1
2007	MAR	19	1947	57.67	19	26.02	155	35.45	40.47	29	.10	.9	1.1	DML L	2.2X	61	3
2007	MAR	19	2200	1.77	19	27.76	155	25.46	11.21	25	.13	.4	.8	KAO	1.5X	62	5
2007	MAR	19	2311	39.60	19	26.23	155	35.67	47.22	26	.14	1.1	1.3	DML L	1.9X	67	2
2007	MAR	19	2327	49.11	19	27.47	155	25.99	1.34	18	.10	.3	.6	KAO	1.3X	65	6
2007	MAR	20	0221	39.99	19	31.54	155	18.65	13.40	43	.10	.3	.5	DEP	1.8X	60	9
2007	MAR	20	0439	36.76	19	27.40	155	34.19	45.19	23	.10	.9	1.3	DML L	2.0X	69	2
2007	MAR	20	0550	23.50	19	28.58	155	35.35	40.71	19	.15	1.5	1.7	DML L	2.0X	105	1
2007	MAR	20	0835	54.34	19	18.18	155	13.33	8.12	38	.12	.5	.7	SF2	2.0X	139	8
2007	MAR	20	0940	30.14	19	30.03	155	33.63	46.81	20	.11	1.6	1.2	DML L	2.0X	121	4
2007	MAR	20	1435	8.44	19	20.19	155	13.00	8.58	30	.08	.5	.7	SF2	1.5X	68	4
2007	MAR	20	1438	52.73	19	17.62	155	30.83	10.41	33	.09	.4	1.1	LSW	2.1X	75	5

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 17
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	MAR	20	1754	24.97	19	28.65	155	28.27	5.32	26	.12	.3	2.7	KAO	1.5X	79	6
2007	MAR	20	2311	52.85	20	0.11	155	18.12	13.05	24	.10	1.2	.4	KEA	1.7X	251	13
2007	MAR	21	0408	28.32	19	28.79	155	32.82	44.39	21	.09	1.1	1.1	DML L	2.0X	77	4
2007	MAR	21	0539	34.59	19	30.17	155	29.20	5.66	22	.09	.3	1.5	MLO	1.4X	97	4
2007	MAR	21	0813	16.50	19	22.45	155	30.21	10.72	18	.10	.5	1.1	KAO	1.4X	152	5
2007	MAR	21	0820	58.54	19	59.87	155	45.06	32.44	46	.12	.7	1.3	KOH F	2.2X	151	15
2007	MAR	21	1111	26.65	19	25.64	155	37.29	2.91	27	.11	.3	.4	MLO	1.7X	90	3
2007	MAR	21	1626	26.30	20	10.49	156	1.86	5.01	38	.09	1.1	.9	KOH	2.4X	307	52
2007	MAR	22	0024	55.76	19	23.31	155	15.29	2.82	18	.09	.4	.3	SEC	1.6X	103	2
2007	MAR	22	0157	1.48	19	25.20	155	18.93	6.25	32	.09	.4	.7	INT	1.8X	122	2
2007	MAR	22	0317	12.38	19	52.12	156	6.10	44.59	22	.08	1.3	2.5	HUA	2.2X	293	46
2007	MAR	22	0452	4.70	19	26.87	155	12.86	28.79	22	.10	1.1	1.3	DEP	1.4X	159	5
2007	MAR	22	0751	37.29	19	29.14	155	26.75	7.62	33	.14	.4	1.2	KAO	1.6X	94	6
2007	MAR	22	0752	7.85	19	29.08	155	26.77	5.40	26	.10	.3	1.7	KAO	1.6X	93	6
2007	MAR	22	0817	36.92	19	25.25	155	28.76	10.20	30	.11	.4	1.0	KAO	1.6X	63	5
2007	MAR	22	1047	20.53	19	27.93	155	34.66	42.32	38	.10	.7	1.0	DML L	2.8X	38	1
2007	MAR	22	2014	49.11	19	18.90	155	8.53	7.79	43	.09	.4	.4	SF4	1.9X	104	3
2007	MAR	22	2209	36.79	19	23.09	155	14.80	3.37	40	.07	.3	.3	SEC	2.1X	49	2
2007	MAR	22	2210	37.57	19	21.95	155	15.28	8.98	15	.11	.8	1.2	SF1	1.6X	80	1
2007	MAR	22	2213	56.30	19	23.08	155	14.97	3.26	26	.10	.4	.3	SEC	1.9X	65	2
2007	MAR	22	2346	6.65	19	44.44	156	4.64	8.50	21	.08	1.2	.8	HUA	1.5X	280	42
2007	MAR	23	0014	33.25	19	52.30	156	1.51	44.08	52	.09	.8	1.1	HUA	2.8X	237	28
2007	MAR	23	0303	23.36	19	22.90	155	14.86	3.53	22	.05	.3	.3	SEC	1.9X	68	2
2007	MAR	23	0338	15.58	19	19.02	155	13.08	6.81	45	.10	.3	.6	SF2	1.8X	83	4
2007	MAR	23	0541	24.39	19	11.13	155	40.10	1.42	36	.11	.4	.5	LSW	1.7X	154	11
2007	MAR	23	0822	9.30	19	27.26	155	26.42	11.87	19	.13	.6	1.4	KAO	1.1X	63	7
2007	MAR	23	0844	49.94	20	0.67	155	19.53	9.88	46	.11	.8	.5	KEA F	2.7X	211	29
2007	MAR	23	1037	20.15	19	23.53	155	14.94	3.27	46	.09	.2	.3	SEC F	2.6X	46	2
2007	MAR	23	1528	37.29	19	23.99	154	56.08	1.49	26	.11	.5	.5	SLE	1.7X	214	5
2007	MAR	23	1729	8.46	19	22.13	155	6.67	9.25	40	.11	.4	.3	SF4	1.7X	127	3
2007	MAR	23	2136	6.24	19	46.18	155	24.84	19.85	43	.10	.5	1.2	KEA	2.2X	97	5
2007	MAR	23	2212	10.35	19	45.49	155	24.60	18.32	22	.07	.9	1.4	KEA	1.8X	136	6
2007	MAR	24	0322	7.68	19	18.23	155	12.33	8.69	43	.12	.4	.5	SF2	1.7X	121	3
2007	MAR	24	0559	22.65	19	45.68	155	24.89	18.07	23	.09	.8	1.3	KEA	1.7X	134	5
2007	MAR	24	0616	43.99	19	22.33	155	29.86	10.22	27	.08	.4	.8	KAO	1.6X	70	4
2007	MAR	24	0637	50.08	19	12.33	155	32.15	8.30	38	.14	.5	1.0	LSW	1.7X	86	6
2007	MAR	24	0959	1.88	20	2.65	155	32.87	39.75	47	.11	1.0	1.4	KEA	2.6X	266	24
2007	MAR	24	1359	20.26	19	26.23	155	18.93	7.22	30	.10	.5	.8	INT	2.1X	148	3
2007	MAR	24	1742	30.03	19	45.43	155	24.99	18.14	30	.09	.6	1.3	KEA	2.0X	102	5
2007	MAR	24	1749	48.32	19	18.26	155	13.19	6.93	31	.10	.5	1.0	SF2	1.5X	93	2
2007	MAR	24	2111	39.98	19	13.84	155	21.88	44.96	48	.12	.8	1.0	DEP F	3.0X	155	9
2007	MAR	24	2249	3.26	19	48.09	155	22.47	23.47	50	.10	.5	1.1	KEA F	2.6X	88	9
2007	MAR	25	0116	28.23	19	23.50	155	16.98	3.04	18	.04	.4	.2	SSC	1.5X	78	0
2007	MAR	25	0321	17.29	18	48.80	155	16.40	36.23	31	.14	1.8	2.6	LOI	2.4X	268	46
2007	MAR	25	0405	58.99	19	59.63	156	3.78	35.40	44	.10	1.2	1.8	KOH	2.5X	259	33

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 18
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	MAR	25	1005	30.18	19	20.27	156	1.26	43.20	26	.13	1.2	1.6	KON	2.0X	265	20
2007	MAR	25	1353	37.24	19	20.22	155	28.68	10.52	20	.13	.5	1.0	KAO	1.6X	92	5
2007	MAR	25	1423	43.82	19	26.44	154	53.78	6.00	36	.13	.8	.6	LER	1.9X	204	3
2007	MAR	25	1801	3.44	20	0.14	155	37.53	14.05	36	.12	1.4	.5	KOH F	1.8X	276	16
2007	MAR	26	0744	11.31	19	30.76	155	50.27	9.28	42	.13	.6	.3	KON F	2.3X	107	8
2007	MAR	26	0927	18.81	19	20.62	155	26.85	10.27	39	.11	.4	.7	KAO	1.6X	77	4
2007	MAR	26	1213	17.91	19	21.59	155	4.85	6.30	26	.13	.7	1.0	SF5	2.0X	157	5
2007	MAR	26	1656	19.07	19	25.15	155	18.04	4.38	31	.10	.4	.5	SNC	2.0X	62	1
2007	MAR	26	1910	59.68	19	20.48	155	13.20	6.93	39	.13	.4	.6	SF2	1.8X	63	4
2007	MAR	26	2332	47.78	19	15.90	155	34.63	5.05	36	.15	.5	1.9	LSW	1.7X	105	8
2007	MAR	27	0511	49.99	19	25.66	155	29.52	8.27	29	.09	.3	1.0	KAO	1.6X	60	7
2007	MAR	27	0950	36.35	19	32.12	155	52.78	23.31	31	.11	.9	1.1	KON	2.1X	156	7
2007	MAR	27	1610	51.97	19	55.01	155	13.17	5.08	14	.11	1.0	1.2	KEA	1.5X	281	13
2007	MAR	27	1721	40.72	19	24.15	155	26.13	2.05	26	.13	.3	.8	KAO	1.4X	58	4
2007	MAR	27	1725	39.57	19	24.21	155	26.22	2.26	35	.12	.3	.7	KAO	1.7X	55	4
2007	MAR	27	2045	51.11	19	25.03	155	16.16	1.72	15	.08	.3	.3	SNC	1.4X	155	2
2007	MAR	28	0155	11.29	19	13.40	155	25.11	9.14	28	.14	.5	.6	LSW	1.3X	143	9
2007	MAR	28	0923	29.51	19	22.77	155	14.61	2.68	20	.08	.3	.3	SEC	1.9X	74	2
2007	MAR	28	0924	45.84	19	22.67	155	14.52	2.66	20	.08	.3	.3	SEC	2.0X	75	2
2007	MAR	28	1743	12.39	19	17.78	155	13.13	5.23	34	.11	.4	.9	SF2	1.6X	109	2
2007	MAR	28	1828	2.62	18	55.39	155	4.92	42.68	46	.11	1.2	1.5	LOI	2.6X	262	41
2007	MAR	28	1936	53.35	19	21.70	155	18.51	2.78	14	.09	.4	.8	SWR	1.2X	103	4
2007	MAR	28	1939	58.81	19	20.03	155	24.51	9.68	36	.12	.4	.6	SWR	1.4X	87	2
2007	MAR	28	2059	14.81	19	32.47	155	42.77	7.69	30	.13	.5	1.4	MLO	1.7X	66	7
2007	MAR	29	0314	3.01	19	20.46	155	7.62	8.21	46	.10	.4	.3	SF4	2.7X	125	5
2007	MAR	29	0504	38.61	19	24.28	155	26.80	9.94	35	.11	.3	.6	KAO	1.6X	59	4
2007	MAR	29	0559	51.59	19	17.89	155	27.74	9.08	21	.14	.6	.8	LSW	1.2X	110	7
2007	MAR	29	0949	16.17	19	10.45	155	35.22	1.73	21	.11	.5	1.0	LSW	1.6X	131	12
2007	MAR	29	1031	18.61	19	27.12	155	27.94	8.89	19	.14	.5	1.2	KAO	1.4X	81	9
2007	MAR	29	1210	30.92	19	24.31	154	58.92	3.79	30	.14	.9	.6	SLE	2.2X	184	2
2007	MAR	29	1532	49.61	19	20.84	155	26.57	9.12	32	.11	.3	.6	KAO	1.7X	77	4
2007	MAR	29	1542	13.95	19	21.97	155	5.06	6.83	38	.12	.5	.7	SF5	2.0X	149	5
2007	MAR	29	2037	10.39	19	25.07	155	19.53	5.83	36	.09	.3	.7	KAO	1.8X	81	3
2007	MAR	29	2042	3.30	19	17.11	155	30.16	11.38	32	.12	.4	.8	LSW	1.6X	74	4
2007	MAR	29	2042	30.19	19	24.87	155	19.84	7.16	25	.09	.4	.9	KAO	1.5X	109	2
2007	MAR	30	0310	47.47	19	20.11	155	27.79	30.02	35	.10	.6	1.0	DML	2.0X	78	4
2007	MAR	30	0450	28.13	19	22.66	155	30.01	9.44	41	.10	.3	.5	KAO	1.8X	58	4
2007	MAR	30	0749	49.00	19	23.58	155	16.94	2.85	32	.08	.3	.2	SSC	1.9X	63	0
2007	MAR	30	0956	46.29	19	26.06	155	37.45	2.70	39	.12	.3	.4	MLO	2.7X	83	3
2007	MAR	30	1443	58.65	19	18.23	155	15.62	32.56	28	.08	.9	1.2	DEP	1.9X	114	4
2007	MAR	30	1444	54.34	19	32.14	155	50.80	1.97	22	.10	.4	.9	KON	1.6X	177	9
2007	MAR	30	1457	36.79	19	19.94	155	6.83	6.13	30	.11	.5	.8	SF4	1.6X	173	5
2007	MAR	30	1529	24.23	19	38.87	156	3.39	39.56	24	.11	1.3	2.1	KON	1.8X	233	23
2007	MAR	30	1631	26.79	19	41.45	154	58.14	34.48	36	.11	.7	1.1	HIL	2.0X	228	6
2007	MAR	30	1757	8.25	19	33.45	155	37.34	8.47	41	.13	.4	.7	MLO	2.1X	97	8

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 19
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	MAR	30	1832	9.96	19	34.17	155	8.12	13.76	45	.12	.4	.5	HIL		1.9X	81	18
2007	MAR	30	2137	32.25	19	22.56	155	14.26	3.11	17	.05	.4	.4	SEC		1.5X	86	2
2007	MAR	30	2253	9.35	19	19.11	155	13.55	7.59	41	.09	.4	.6	SF2		1.6X	69	4
2007	MAR	31	0142	30.39	20	6.05	156	1.26	7.09	45	.09	.9	.6	KOH	F	3.2X	298	46
2007	MAR	31	0535	25.69	20	24.68	155	10.91	0.45	43	.11	2.3	.6	KEA		2.2X	304	60
2007	MAR	31	0607	48.44	19	4.51	155	24.39	38.91	47	.10	.8	1.1	LOI		2.3X	200	11
2007	MAR	31	1115	6.80	19	50.77	155	59.56	41.64	29	.08	.9	1.6	HUA		2.1X	227	24
2007	MAR	31	1121	1.91	19	19.66	155	8.90	8.36	44	.06	.4	.5	SF4		2.2X	98	5
2007	MAR	31	2125	35.00	19	22.58	155	17.15	2.44	15	.07	.4	.3	SSC		1.2X	99	2
2007	APR	1	0055	5.51	20	1.50	155	57.90	8.90	28	.10	1.0	1.0	KOH		2.0X	244	23
2007	APR	1	0429	1.88	19	18.37	155	23.00	3.50	20	.13	.5	.9	SWR		.8X	110	3
2007	APR	1	0911	51.66	19	25.53	155	23.68	9.76	21	.11	.5	1.2	KAO		1.3X	87	8
2007	APR	1	1021	53.49	19	26.66	155	26.13	6.42	21	.11	.4	1.7	KAO		1.2X	70	8
2007	APR	1	1047	37.03	19	19.83	155	7.64	5.63	45	.13	.4	.7	SF4		2.0X	130	5
2007	APR	1	1447	13.42	18	48.23	154	54.73	46.22	45	.10	1.1	2.1	DIS		2.5X	285	59
2007	APR	2	0000	22.86	19	27.43	155	27.69	10.38	22	.12	.4	1.2	KAO		1.5X	60	8
2007	APR	2	0719	53.90	19	22.33	155	24.84	10.17	44	.11	.3	.6	KAO		1.7X	48	5
2007	APR	2	0928	35.63	19	18.82	155	47.86	8.88	36	.13	.4	.6	KON		1.9X	119	9
2007	APR	2	1034	34.55	19	38.19	155	4.39	11.43	41	.13	.4	.6	HIL		2.1X	89	9
2007	APR	2	1536	42.27	19	19.76	155	7.95	6.29	27	.11	.4	1.0	SF4		1.6X	123	4
2007	APR	2	1632	49.35	19	19.39	155	6.73	7.04	31	.11	.5	.7	SF4		1.4X	184	4
2007	APR	3	0001	47.79	19	28.05	155	26.94	7.52	19	.11	.4	1.6	KAO		1.3X	72	7
2007	APR	3	0531	48.04	19	16.68	155	11.89	2.73	36	.11	.4	.5	SSF		1.6X	166	3
2007	APR	3	0648	25.83	20	25.93	155	28.35	36.27	16	.13	1.9	3.6	DIS		1.9X	291	46
2007	APR	3	1250	53.19	19	16.83	155	29.65	12.96	40	.08	.4	.6	LSW		2.0X	78	3
2007	APR	3	1340	31.84	19	16.20	155	11.01	0.60	42	.13	.6	.3	SSF		2.2X	180	5
2007	APR	3	1343	13.26	19	15.62	155	10.62	0.25	37	.10	.6	.2	SSF		1.5X	195	6
2007	APR	3	1343	43.82	19	16.15	155	10.81	0.63	37	.11	.6	.3	SSF		2.1X	182	5
2007	APR	3	1345	17.75	19	21.63	155	13.11	2.64	13	.08	.8	.4	SER		1.2X	215	2
2007	APR	3	1405	0.80	19	16.37	155	11.63	2.34	37	.10	.4	.4	SSF		1.9X	193	3
2007	APR	3	1431	40.97	19	50.24	155	56.16	13.45	25	.08	1.2	.5	HUA		1.6X	267	19
2007	APR	3	1451	50.63	19	15.85	155	11.83	2.11	12	.09	.8	.5	SSF		1.4X	236	4
2007	APR	3	1750	12.59	19	15.21	155	10.57	0.00	35	.10	.7	.2	SSF	#	1.5X	202	6
2007	APR	3	1808	30.07	19	25.20	155	18.80	8.10	38	.11	.4	.6	INT		1.8X	83	2
2007	APR	3	1808	49.03	19	25.44	155	18.89	6.72	32	.08	.4	.7	INT		1.9X	132	2
2007	APR	3	1809	21.57	19	25.43	155	18.75	7.20	36	.10	.4	.6	INT		1.8X	93	2
2007	APR	3	1815	11.18	19	25.39	155	19.00	6.73	36	.11	.4	.6	INT		1.7X	92	2
2007	APR	3	1936	39.77	19	16.23	155	10.85	0.01	25	.12	.9	.3	SSF	#	1.2X	215	5
2007	APR	3	2013	48.06	19	15.36	155	10.65	0.54	32	.09	.6	.2	SSF		1.3X	199	6
2007	APR	3	2101	42.86	19	57.77	155	21.66	7.53	43	.14	.7	.6	KEA		2.0X	249	23
2007	APR	3	2143	22.14	19	15.30	155	10.68	0.76	29	.07	.7	.2	SSF		1.2X	200	6
2007	APR	3	2235	6.81	19	13.69	155	32.93	8.71	37	.14	.3	1.0	LSW		1.6X	75	6
2007	APR	4	0056	18.92	19	15.54	155	10.99	0.01	44	.11	.5	.2	SSF	#	2.2X	183	5
2007	APR	4	0120	47.01	19	15.95	155	11.03	0.53	39	.12	.6	.2	SSF		1.8X	185	5
2007	APR	4	0144	45.87	19	26.49	155	29.52	11.41	24	.08	.3	.9	KAO		1.3X	67	7

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 20
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	APR	4	0152	4.71	19	26.39	155	29.55	10.77	33	.09	.3	.7	KAO		1.7X	43	8
2007	APR	4	0356	46.24	19	15.34	155	10.51	0.01	30	.16	.7	.3	SSF	#	1.4X	201	6
2007	APR	4	0604	34.88	19	24.92	155	38.67	3.11	21	.07	.4	.3	MLO		1.5X	106	2
2007	APR	4	0703	18.02	19	24.27	155	16.09	1.50	23	.05	.2	.2	SEC		1.9X	127	1
2007	APR	4	0705	36.35	19	16.10	155	10.82	1.28	32	.10	.8	.4	SSF		1.2X	183	5
2007	APR	4	0733	24.31	19	24.09	155	15.97	1.05	17	.08	.2	.3	SEC		1.3X	118	1
2007	APR	4	0820	3.66	19	16.06	155	10.86	0.33	37	.08	.6	.3	SSF		1.6X	184	5
2007	APR	4	0950	18.55	19	23.03	154	58.25	2.69	24	.08	.5	.5	SLE		1.1X	224	4
2007	APR	4	1008	27.60	19	16.05	155	10.79	0.67	33	.11	.6	.3	SSF		1.9X	185	5
2007	APR	4	1333	27.81	19	16.11	155	10.67	0.44	24	.10	1.0	.3	SSF		1.1X	217	5
2007	APR	4	1510	42.55	19	26.15	155	38.26	3.68	16	.09	.7	.5	MLO		1.6X	194	3
2007	APR	4	1605	47.00	19	16.90	155	11.85	1.89	37	.11	.5	.4	SSF		2.4X	162	3
2007	APR	4	1624	13.67	19	20.83	155	26.98	8.78	22	.14	.4	.8	KAO		1.4X	85	3
2007	APR	4	1719	0.67	19	16.22	155	11.54	1.31	28	.10	.5	.3	SSF		1.4X	176	4
2007	APR	4	1720	34.14	19	16.40	155	11.83	2.39	36	.12	.4	.4	SSF		1.5X	171	3
2007	APR	4	1734	33.94	19	22.60	155	14.29	3.29	15	.06	.3	.4	SEC		1.5X	84	2
2007	APR	4	1735	9.77	19	16.74	155	11.90	2.45	38	.11	.4	.5	SSF		1.9X	165	3
2007	APR	4	1739	3.00	19	16.64	155	11.77	2.07	37	.10	.6	.4	SSF		1.9X	168	3
2007	APR	4	1739	46.86	19	16.48	155	11.91	1.42	43	.13	.5	.3	SSF		2.1X	162	3
2007	APR	4	1753	33.42	19	16.48	155	11.83	1.93	35	.10	.5	.3	SSF		1.9X	170	3
2007	APR	4	2040	58.89	19	28.29	154	53.27	2.30	24	.14	.8	.5	SLE		2.0X	183	4
2007	APR	4	2309	44.08	19	16.20	155	11.54	1.76	29	.09	.5	.5	SSF		1.4X	194	4
2007	APR	4	2331	4.57	19	52.64	155	57.33	40.51	20	.10	1.8	2.3	HUA		1.5X	287	24
2007	APR	4	2341	45.30	20	3.44	156	6.47	43.73	21	.13	1.8	2.7	KOH		1.9X	273	35
2007	APR	5	0001	39.79	19	25.14	155	38.86	3.07	26	.12	.5	.5	MLO		1.9X	151	2
2007	APR	5	0405	27.67	19	16.88	155	11.96	2.59	39	.12	.5	.5	SSF		2.0X	163	3
2007	APR	5	0407	6.98	19	16.44	155	12.05	2.44	33	.11	.5	.3	SSF		1.5X	170	3
2007	APR	5	0451	3.80	19	21.02	155	6.68	6.53	30	.14	.6	.9	SF4		1.6X	138	5
2007	APR	5	0720	54.61	19	16.91	155	11.69	1.79	36	.11	.5	.5	SSF		1.6X	163	3
2007	APR	5	0730	16.13	19	26.18	155	50.27	8.73	35	.21	.6	.7	KON		1.8X	114	10
2007	APR	5	1423	13.20	19	16.53	155	10.67	8.59	25	.09	.7	1.0	SF3		1.5X	209	5
2007	APR	5	1518	18.36	19	11.48	155	40.92	1.89	34	.13	.4	.6	LSW		2.0X	78	10
2007	APR	5	1633	58.62	19	19.35	155	11.59	7.69	37	.07	.3	.6	SF3		1.3X	98	5
2007	APR	5	1746	49.15	19	39.99	156	20.35	36.37	24	.12	1.8	3.9	DIS		1.8X	299	53
2007	APR	5	2037	45.00	19	21.86	155	13.25	3.12	25	.08	.3	.3	SER		1.6X	62	1
2007	APR	5	2146	33.93	19	21.58	155	4.60	6.93	42	.11	.5	.6	SF5		1.8X	161	5
2007	APR	6	0037	12.74	19	15.52	155	30.41	8.32	29	.15	.4	1.0	LSW		1.5X	89	1
2007	APR	6	0347	40.08	18	43.14	155	17.19	44.68	42	.11	1.0	2.1	LOI		2.4X	281	50
2007	APR	6	0525	34.99	19	26.46	155	28.54	9.73	23	.13	.4	1.1	KAO		1.5X	51	7
2007	APR	6	1855	20.19	19	49.03	155	35.48	22.29	30	.09	.7	1.5	KEA		2.2X	101	9
2007	APR	6	1913	17.52	18	54.58	155	11.71	48.51	30	.09	1.2	1.5	LOI		2.0X	259	40
2007	APR	6	2205	45.52	19	22.16	155	17.18	2.88	15	.08	.3	.4	SSC		1.5X	115	2
2007	APR	7	0023	7.77	19	16.35	155	22.59	9.49	23	.12	.5	.8	SWR		1.3X	151	7
2007	APR	7	0047	15.05	19	25.89	155	25.42	8.70	32	.14	.4	.9	KAO		1.7X	66	7
2007	APR	7	0432	6.40	19	16.82	155	12.51	2.47	34	.12	.6	.4	SSF		1.5X	161	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 21
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	APR	7	0432	17.45	19	18.20	155	12.18	0.02	33	.12	.4	.3	SSF		1.6X	166	3
2007	APR	7	0618	58.93	19	12.48	155	26.87	0.45	29	.11	.3	.5	LSW		1.6X	124	6
2007	APR	7	0830	6.37	19	17.95	155	17.75	9.88	17	.15	.8	1.5	SWR		1.8X	169	2
2007	APR	7	1115	27.76	19	18.31	155	13.31	0.28	25	.16	.4	.5	SSF	#	1.1X	124	2
2007	APR	7	1132	25.92	19	16.16	155	11.82	2.05	36	.10	.5	.3	SSF		1.5X	175	3
2007	APR	7	1349	56.30	19	25.33	155	19.54	7.36	22	.08	.4	1.0	KAO		1.3X	125	3
2007	APR	7	1604	6.57	19	22.90	155	14.34	2.54	15	.07	.4	.4	SEC		1.4X	124	2
2007	APR	7	1952	55.45	19	22.60	155	29.91	7.64	36	.12	.4	.8	KAO		1.5X	61	4
2007	APR	8	0336	22.90	19	19.94	155	6.70	8.53	42	.11	.5	.4	SF4		2.3X	149	5
2007	APR	8	0529	3.76	19	23.27	155	29.67	10.12	51	.10	.3	.4	KAO		2.4X	56	4
2007	APR	8	0547	46.94	19	23.33	155	29.71	9.22	33	.10	.3	.7	KAO		1.5X	55	4
2007	APR	8	0827	0.11	19	22.48	155	29.81	8.79	32	.10	.4	.8	KAO		1.3X	58	4
2007	APR	8	1027	27.07	19	58.24	155	37.36	9.43	31	.10	.5	.7	KOH	F	1.9X	149	24
2007	APR	8	1040	47.69	19	24.72	155	26.67	10.25	19	.11	.5	1.2	KAO		1.6X	66	4
2007	APR	8	2320	11.27	19	20.15	155	6.85	8.74	15	.08	.7	1.3	SF4		1.6X	144	6
2007	APR	9	0336	5.08	19	45.11	155	24.42	15.96	18	.10	.8	.8	KEA		1.7X	138	6
2007	APR	9	0410	8.15	19	57.70	155	22.16	9.14	44	.11	.8	.6	KEA		2.0X	194	22
2007	APR	9	1509	55.76	19	22.25	155	14.02	2.89	15	.04	.3	.3	SEC		1.8X	93	2
2007	APR	9	1700	58.89	19	17.89	155	22.48	3.31	20	.08	.5	.7	SWR		1.2X	200	4
2007	APR	9	1838	45.74	19	22.03	155	4.34	7.63	35	.14	.6	.5	SF5		2.0X	158	4
2007	APR	9	1848	28.87	19	20.10	155	12.98	7.50	37	.11	.4	.5	SF2		2.0X	70	5
2007	APR	9	2321	55.51	19	23.14	155	14.79	2.48	17	.10	.3	.3	SEC		1.6X	109	2
2007	APR	10	0434	25.75	19	39.78	155	4.20	12.09	35	.14	.5	.6	HIL		2.2X	100	6
2007	APR	10	0636	29.39	19	24.71	155	29.35	8.56	19	.13	.5	.9	KAO		1.1X	54	5
2007	APR	10	1108	3.63	20	19.90	156	8.00	30.04	22	.11	1.6	2.7	KOH		2.0X	314	43
2007	APR	10	1639	36.68	19	23.32	155	14.85	3.30	40	.10	.3	.3	SEC		2.5X	46	3
2007	APR	10	1715	19.51	19	20.00	155	8.01	7.46	32	.10	.4	.8	SF4		1.6X	119	5
2007	APR	10	2042	54.70	19	36.26	155	57.16	35.08	33	.09	.9	1.3	KON		2.2X	144	9
2007	APR	10	2101	9.21	19	21.18	155	16.19	33.66	32	.10	.8	.9	DEP		1.9X	68	2
2007	APR	10	2253	16.79	19	21.79	155	12.82	2.79	17	.06	.6	.3	SER		1.6X	116	2
2007	APR	11	0437	45.79	19	53.08	155	6.38	39.55	48	.11	.7	1.2	KEA		2.5X	214	22
2007	APR	11	0512	32.79	19	20.12	155	9.09	8.78	37	.09	.3	.4	SF4		1.7X	96	5
2007	APR	11	0642	59.98	19	24.80	155	39.19	3.76	23	.10	.6	.7	MLO		1.7X	156	3
2007	APR	11	0733	32.70	19	30.16	155	29.44	5.11	18	.07	.3	1.8	MLO		1.4X	100	5
2007	APR	11	1123	56.62	19	10.54	155	40.56	0.33	18	.12	.9	.4	LSW		1.5X	162	10
2007	APR	11	1315	5.49	19	17.03	155	28.58	14.19	39	.09	.4	.4	DLS		2.1X	85	5
2007	APR	11	2010	17.80	19	43.92	155	47.03	32.83	23	.10	1.3	1.7	HUA		1.4X	211	19
2007	APR	11	2305	2.91	19	21.90	155	30.04	10.61	26	.08	.4	.9	KAO		1.6X	72	4
2007	APR	11	2339	46.10	19	17.27	155	13.99	6.57	29	.09	.4	.9	SF2		1.1X	124	1
2007	APR	12	0504	21.43	19	21.76	155	30.27	10.47	35	.10	.4	.8	KAO		1.5X	61	5
2007	APR	12	0547	2.50	19	29.33	155	27.36	6.91	33	.12	.3	1.0	KAO		1.5X	69	5
2007	APR	12	1358	6.45	19	20.43	155	13.30	6.56	33	.12	.4	.7	SF2		1.5X	62	4
2007	APR	12	1433	26.99	19	18.63	155	14.87	6.58	29	.12	.5	1.0	SF1		1.5X	120	4
2007	APR	13	0120	21.05	19	21.98	155	11.93	3.30	29	.11	.5	.3	SER		1.8X	104	2
2007	APR	13	0127	40.63	19	25.18	155	18.94	6.09	26	.10	.4	.9	INT		1.3X	100	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 22
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	APR	13	0349	35.12	19	20.33	155	6.42	5.53	40	.14	.5	.9	SF4		1.8X	149	6
2007	APR	13	0459	8.60	19	21.53	155	18.56	2.43	31	.08	.3	.5	SWR		1.7X	58	4
2007	APR	13	1228	23.50	19	22.73	153	34.70	27.96	42	.11	2.0	3.0	DIS		3.2X	333	141
2007	APR	13	1906	42.99	19	23.84	155	15.89	3.07	21	.09	.3	.3	SEC		1.7X	105	1
2007	APR	13	2154	53.22	19	36.08	156	36.90	30.23	40	.13	1.1	3.0	DIS		2.4X	292	63
2007	APR	14	0356	20.30	19	22.88	155	30.11	9.72	40	.13	.3	.6	KAO		1.8X	58	4
2007	APR	14	0408	29.40	19	41.52	155	49.09	17.54	39	.10	.5	1.2	HUA		1.9X	104	2
2007	APR	14	1156	57.50	19	22.78	155	14.02	3.67	46	.09	.3	.3	SEC		2.4X	49	2
2007	APR	14	1707	35.92	19	29.99	155	27.69	5.17	22	.14	.4	1.9	KAO		1.7X	92	4
2007	APR	14	1914	49.56	19	17.37	155	14.90	6.78	31	.10	.5	.8	SF1		1.3X	158	3
2007	APR	14	2036	42.68	19	31.19	155	43.34	7.03	18	.10	.6	1.2	KON		1.1X	102	5
2007	APR	14	2047	46.82	19	25.52	155	30.49	11.44	41	.11	.4	.5	KAO		2.0X	44	8
2007	APR	14	2214	1.64	19	57.34	155	40.15	13.32	46	.11	.5	.5	KOH	F	2.7X	132	11
2007	APR	15	0319	5.93	19	24.58	155	19.66	6.37	26	.09	.4	.8	KAO		1.3X	85	2
2007	APR	15	0602	10.16	19	17.63	155	23.13	2.06	38	.10	.3	.5	SWR		1.5X	116	5
2007	APR	15	0608	45.09	19	25.71	155	37.58	3.50	30	.12	.3	.5	MLO		1.6X	59	3
2007	APR	15	0955	8.83	19	57.42	156	12.44	42.25	50	.10	1.1	1.3	KOH	F	3.4X	271	39
2007	APR	15	1142	31.92	19	21.94	155	13.17	3.05	21	.07	.4	.3	SER		1.7X	68	1
2007	APR	15	1240	57.78	19	20.24	155	12.58	7.25	35	.11	.4	.6	SF2		1.7X	72	4
2007	APR	15	1246	38.37	19	20.23	155	2.35	7.94	36	.12	.5	.6	SF5		2.2X	200	8
2007	APR	15	1404	46.08	19	21.51	155	30.13	9.58	50	.12	.3	.4	KAO		2.4X	62	5
2007	APR	15	1415	39.18	19	21.75	155	29.68	8.99	28	.12	.4	.9	KAO		1.7X	62	4
2007	APR	15	1440	19.10	19	38.77	156	7.46	39.67	40	.10	.9	1.3	KON		2.5X	247	11
2007	APR	15	1459	24.74	19	27.25	155	29.47	11.61	25	.10	.5	1.1	KAO		1.7X	76	7
2007	APR	15	1503	16.88	19	26.89	155	29.52	9.07	43	.10	.3	.6	KAO		2.2X	59	9
2007	APR	15	1503	52.06	19	27.44	155	29.79	12.86	26	.11	.5	1.2	KAO		1.6X	76	7
2007	APR	15	1937	28.47	19	22.33	155	14.16	3.45	25	.10	.3	.3	SEC		1.7X	77	2
2007	APR	16	0015	27.60	19	20.41	155	5.62	6.12	26	.11	.6	1.0	SF4		1.3X	162	6
2007	APR	16	0101	2.99	19	38.27	155	12.64	21.01	19	.10	.9	2.6	KEA		1.6X	188	24
2007	APR	16	1044	49.05	19	13.74	155	21.07	8.54	31	.09	.5	1.0	SWR		1.5X	164	9
2007	APR	16	1132	14.19	19	23.23	155	17.17	2.56	20	.10	.3	.2	SSC		1.6X	48	0
2007	APR	16	1417	37.53	19	19.29	155	10.57	3.79	24	.10	.8	2.3	SSF		1.5X	241	6
2007	APR	16	1617	13.50	19	20.76	155	7.43	9.09	49	.10	.4	.3	SF4	F	2.7X	127	5
2007	APR	16	1633	30.82	19	3.23	154	59.09	8.69	17	.13	2.0	1.0	DIS		1.9X	314	45
2007	APR	16	1745	44.21	19	21.13	155	1.41	8.46	35	.11	.7	.5	SF5		1.6X	197	8
2007	APR	17	0050	8.22	19	27.83	155	27.66	11.11	31	.11	.4	.6	KAO		1.8X	50	8
2007	APR	17	0052	38.37	19	22.99	155	17.15	2.60	16	.05	.3	.2	SSC		1.5X	80	1
2007	APR	17	0421	34.85	19	23.14	155	16.88	2.62	15	.06	.4	.3	SSC		1.2X	117	0
2007	APR	17	0933	59.63	19	27.73	155	23.94	9.50	36	.11	.3	.7	KAO		1.9X	45	4
2007	APR	17	1019	38.02	19	30.43	155	38.52	17.94	26	.09	.6	.9	DML		1.8X	124	5
2007	APR	17	1855	28.62	19	26.01	155	37.61	2.83	21	.14	.5	.5	MLO		1.8X	94	3
2007	APR	17	2145	13.58	19	23.10	155	17.04	2.39	25	.09	.3	.2	SSC		1.6X	95	1
2007	APR	18	0000	46.25	19	23.44	155	16.93	2.51	18	.07	.3	.2	SSC		1.4X	52	0
2007	APR	18	0144	7.20	19	20.39	155	8.74	8.04	28	.10	.5	.6	SF4		1.4X	103	5
2007	APR	18	0409	22.65	19	19.77	155	10.68	8.37	37	.08	.3	.4	SF3		1.8X	92	6

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 23
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	APR	18	1313	34.37	19	26.09	155	23.01	10.88	31	.08	.4	.8	KAO	1.6X	55	7
2007	APR	18	1325	22.69	19	23.01	155	17.13	2.65	15	.05	.3	.2	SSC	1.6X	68	1
2007	APR	18	1608	31.71	19	27.27	155	25.16	2.53	25	.13	.3	.8	KAO	1.6X	64	6
2007	APR	18	1723	42.17	19	11.00	155	33.34	3.13	24	.12	.7	1.6	LSW	1.5X	180	9
2007	APR	19	0031	15.56	20	3.09	155	58.82	9.99	22	.10	1.5	.9	KOH	2.0X	253	23
2007	APR	19	0129	27.49	19	21.86	155	13.03	3.08	19	.05	.4	.3	SER	1.9X	109	1
2007	APR	19	0146	35.22	19	17.69	155	1.34	35.96	28	.11	1.4	1.2	DEP	1.6X	241	14
2007	APR	19	0216	41.69	19	19.89	155	12.75	8.87	47	.11	.3	.3	SF2	2.2X	75	5
2007	APR	19	0310	25.15	19	23.70	155	15.51	2.96	15	.06	.3	.3	SEC	1.6X	97	2
2007	APR	19	0653	47.60	19	24.04	155	37.80	2.64	16	.21	.6	.3	MLO	1.2X	91	1
2007	APR	19	1013	34.63	19	28.09	155	27.19	7.73	23	.10	.4	1.4	KAO	1.6X	71	7
2007	APR	19	1741	47.28	19	11.26	155	30.97	39.99	23	.06	.9	1.4	DLS	1.7X	142	6
2007	APR	19	2200	41.30	19	23.74	155	15.47	30.00	44	.10	.5	.8	DEP	2.1X	48	2
2007	APR	20	0125	32.11	19	23.09	155	14.94	3.72	41	.10	.3	.3	SEC	2.3X	48	2
2007	APR	20	0131	44.04	19	23.76	155	27.48	9.58	34	.13	.3	.6	KAO	1.5X	55	2
2007	APR	20	0153	15.28	19	23.48	155	16.77	2.63	26	.08	.3	.2	SSC	1.6X	44	0
2007	APR	20	0226	8.82	19	23.65	155	27.54	10.56	43	.10	.4	.6	KAO	1.5X	52	2
2007	APR	20	0658	19.59	19	23.12	155	14.51	3.49	40	.09	.3	.3	SEC	2.3X	60	3
2007	APR	20	0702	40.52	19	22.89	155	14.69	3.32	31	.09	.3	.3	SEC	2.2X	91	2
2007	APR	20	0855	18.09	19	19.48	155	8.20	7.50	36	.07	.4	.7	SF4	1.6X	116	4
2007	APR	20	1153	43.49	19	11.03	155	33.71	4.92	27	.14	.7	4.4	LSW	1.8X	225	10
2007	APR	20	1652	38.72	19	23.63	155	0.28	9.12	38	.15	.9	.4	SF5	2.2X	179	4
2007	APR	20	2337	27.68	19	50.47	155	19.32	29.53	24	.11	.8	1.4	KEA	1.5X	138	6
2007	APR	21	0006	33.29	19	25.04	155	39.09	3.06	19	.07	.5	.4	MLO	1.7X	159	3
2007	APR	21	0105	25.98	19	30.00	155	52.22	7.62	37	.20	.6	.7	KON	2.0X	113	5
2007	APR	21	0112	27.32	19	23.07	155	17.07	2.52	30	.11	.3	.2	SSC	1.8X	55	1
2007	APR	21	0428	55.95	19	27.99	155	36.28	1.70	15	.12	.5	.3	MLO	2.0X	163	1
2007	APR	21	0602	56.35	19	20.70	155	46.98	11.03	21	.12	.7	1.3	KON	1.3X	125	12
2007	APR	21	0643	4.60	19	46.55	155	21.59	15.60	19	.10	1.0	1.1	KEA	1.6X	148	10
2007	APR	21	0839	49.72	19	17.92	155	16.06	5.13	36	.12	.3	1.0	SF1	1.5X	124	5
2007	APR	21	0919	32.98	19	20.50	155	7.17	7.20	31	.11	.5	.8	SF4	1.5X	134	5
2007	APR	21	1650	57.26	19	16.56	155	58.87	18.96	23	.10	.9	1.8	KON	1.6X	255	12
2007	APR	21	2003	24.92	19	24.98	155	37.68	2.83	34	.12	.3	.3	MLO	2.2X	78	1
2007	APR	22	0145	29.24	20	13.43	156	31.16	18.80	25	.10	2.0	11.0	DIS	- 2.2X	319	93
2007	APR	22	0156	13.39	19	23.12	155	17.22	2.51	24	.10	.3	.2	SSC	1.6X	76	1
2007	APR	22	0306	8.73	19	4.12	155	22.67	36.25	27	.09	1.1	1.6	LOI	1.6X	237	13
2007	APR	22	0700	44.58	19	8.56	155	34.20	36.93	38	.10	.8	1.3	DLS	1.9X	130	11
2007	APR	22	0813	1.46	19	23.71	155	15.27	2.72	15	.07	.3	.4	SEC	1.2X	152	2
2007	APR	22	0929	29.15	19	42.82	156	7.84	9.86	26	.12	.9	.7	HUA	2.0X	280	33
2007	APR	22	1139	3.45	19	24.46	155	29.58	9.80	37	.08	.3	.6	KAO	1.8X	51	5
2007	APR	22	1730	43.93	19	26.93	155	29.95	12.16	17	.11	.5	1.3	KAO	1.2X	71	6
2007	APR	23	0815	8.03	19	23.14	155	17.05	2.49	16	.07	.3	.2	SSC	1.6X	63	0
2007	APR	23	1406	51.71	19	21.26	155	4.58	6.71	37	.12	.6	.9	SF5	1.8X	165	6
2007	APR	23	1607	23.10	19	23.56	155	15.13	1.65	15	.05	.3	.4	SEC	1.1X	97	3
2007	APR	23	1728	49.63	19	0.44	155	15.07	11.06	24	.13	1.2	.7	LOI	1.6X	286	28

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 24
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	APR	23	1748	57.11	19	54.77	155	51.52	40.02	46	.09	.9	1.3	HUA	2.4X	270	22
2007	APR	23	1816	24.49	19	17.47	155	27.73	10.77	41	.10	.3	.6	LSW	1.8X	90	6
2007	APR	24	0252	48.88	19	21.83	155	11.08	2.55	22	.12	.5	.3	SER	1.6X	132	2
2007	APR	24	0341	58.93	19	21.56	155	10.99	2.25	26	.08	.4	.3	SER	1.8X	136	3
2007	APR	24	0455	46.41	19	22.12	155	10.84	3.35	45	.11	.3	.4	SER	2.6X	75	2
2007	APR	24	0501	34.33	19	24.07	155	0.60	2.41	19	.14	2.4	1.6	SME	2.1X	316	6
2007	APR	24	0759	50.62	19	19.15	155	11.87	5.68	32	.08	.4	1.0	SF3	1.4X	101	5
2007	APR	24	0804	52.46	19	54.52	156	1.55	39.74	19	.07	1.3	2.7	HUA	1.8X	284	31
2007	APR	24	0950	52.64	19	27.68	155	29.56	10.70	18	.10	.5	1.4	KAO	1.4X	77	8
2007	APR	24	1308	32.17	19	19.55	155	13.26	8.43	39	.11	.4	.5	SF2	2.4X	72	5
2007	APR	24	1823	49.04	19	22.61	155	1.99	8.82	26	.13	.9	.6	SF5	1.5X	176	5
2007	APR	24	2140	1.13	19	20.08	155	7.52	4.98	32	.14	.5	1.4	SSF	1.7X	131	5
2007	APR	25	0336	51.10	19	21.76	155	18.18	3.05	35	.11	.3	.6	SWR	2.1X	54	4
2007	APR	25	0618	16.15	19	36.41	156	5.29	43.47	24	.11	1.4	2.1	KON	1.8X	283	22
2007	APR	25	1113	5.68	19	20.63	155	5.75	7.33	34	.14	.5	.9	SF4	1.8X	190	6
2007	APR	25	1147	37.07	19	30.01	155	26.94	6.73	14	.10	.4	1.6	MLO	1.4X	111	4
2007	APR	25	1524	39.62	19	22.88	155	14.03	2.03	14	.05	.4	.3	SEC	1.6X	93	2
2007	APR	25	1944	59.03	19	16.16	155	12.96	2.27	25	.12	.9	.4	SSF	1.4X	214	2
2007	APR	25	2004	44.69	19	15.20	155	12.52	1.54	28	.12	.7	.4	SSF	1.4X	228	4
2007	APR	25	2229	16.43	19	27.42	156	0.32	7.27	37	.17	1.1	.5	KON	2.0X	253	10
2007	APR	25	2356	58.91	19	23.12	155	1.06	7.67	24	.11	.7	.6	SF5	1.4X	202	6
2007	APR	26	0003	27.62	20	2.62	156	40.81	34.63	45	.13	1.4	2.3	DIS	2.6X	307	95
2007	APR	26	0159	38.48	19	16.17	155	13.58	2.43	36	.11	.6	.4	SSF	2.1X	167	2
2007	APR	26	0317	9.62	19	23.65	155	16.80	3.01	17	.07	.4	.2	SSC	1.5X	62	1
2007	APR	26	0329	17.31	19	15.88	155	13.39	2.15	40	.12	.4	.4	SSF	2.2X	163	2
2007	APR	26	0413	44.57	19	15.50	155	13.15	1.82	40	.10	.4	.3	SSF	1.9X	178	3
2007	APR	26	0459	53.86	19	33.36	155	39.95	7.45	22	.14	.5	2.0	MLO	1.4U	54	10
2007	APR	26	0516	15.47	19	21.54	155	4.83	9.29	52	.11	.5	.3	SF5	F 3.3X	158	5
2007	APR	26	0603	6.64	19	15.12	155	12.16	1.04	30	.07	.6	.3	SSF	1.4X	231	4
2007	APR	26	0631	10.09	19	15.29	155	13.28	1.67	31	.11	.5	.3	SSF	1.2X	225	3
2007	APR	26	0703	28.90	19	22.50	155	16.99	2.54	29	.08	.2	.2	SSC	1.5X	51	2
2007	APR	26	0716	6.00	19	15.63	155	13.41	2.17	35	.07	.4	.3	SSF	1.5X	175	3
2007	APR	26	0957	49.98	19	20.16	155	2.18	7.29	38	.12	.6	.7	SF5	1.6X	210	8
2007	APR	26	1326	6.81	19	23.23	155	2.75	8.05	38	.08	.5	.4	SF5	1.5X	158	3
2007	APR	26	1629	46.99	19	15.10	155	12.40	1.04	32	.08	.5	.3	SSF	1.4X	232	4
2007	APR	26	2240	47.15	19	22.34	155	13.98	3.39	20	.08	.5	.3	SEC	1.7X	143	2
2007	APR	27	0452	17.34	19	21.49	155	4.31	8.55	41	.10	.4	.4	SF5	2.0X	165	5
2007	APR	27	0627	54.31	19	19.82	155	6.61	9.60	44	.08	.5	.4	SF4	2.0X	154	5
2007	APR	27	0900	59.76	19	29.81	154	45.76	47.37	23	.11	4.0	1.3	LER	2.2X	336	17
2007	APR	27	1005	55.57	19	20.04	155	6.61	7.79	37	.09	.5	.7	SF4	1.8X	151	5
2007	APR	27	1124	59.87	19	23.11	155	17.11	2.76	17	.07	.3	.2	SSC	1.6X	65	1
2007	APR	27	1324	57.61	19	21.86	155	10.29	2.77	15	.07	.8	.4	SER	1.6X	146	2
2007	APR	27	1428	59.52	19	28.09	155	24.77	14.48	31	.12	.5	.6	DML	1.6X	72	4
2007	APR	27	1617	59.25	19	23.54	155	28.42	9.49	41	.10	.3	.6	KAO	2.0X	42	2
2007	APR	27	1647	47.90	19	18.83	155	15.47	8.88	29	.07	.4	.7	SF1	1.4X	121	4

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 25
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	APR	27	1912	44.79	20	9.29	155	37.84	34.73	46	.12	.9	1.2	KOH		2.2X	228	16
2007	APR	27	2004	5.66	19	21.88	155	4.35	8.35	46	.11	.4	.4	SF5		2.2X	160	5
2007	APR	27	2127	14.29	19	16.97	155	25.49	9.21	38	.12	.4	.6	LSW		1.4X	108	7
2007	APR	27	2152	38.72	19	22.77	155	14.70	2.28	25	.10	.4	.3	SEC		1.7X	73	2
2007	APR	27	2158	9.41	19	22.94	155	14.55	3.00	42	.10	.3	.2	SEC		2.4X	48	3
2007	APR	27	2159	13.79	19	22.79	155	14.66	2.33	22	.09	.3	.3	SEC		1.6X	72	2
2007	APR	27	2346	45.54	19	22.79	155	14.53	3.15	18	.05	.4	.3	SEC		1.5X	122	2
2007	APR	28	0031	5.74	19	40.44	155	56.62	15.49	50	.12	.6	1.0	HUA	F	2.8X	206	11
2007	APR	28	0243	42.19	19	21.42	155	11.29	2.05	28	.08	.2	.4	SER		1.9X	79	3
2007	APR	28	0303	4.34	19	23.10	155	17.11	2.86	27	.07	.3	.2	SSC		1.7X	48	1
2007	APR	28	0403	54.57	19	12.39	155	31.36	9.69	41	.10	.4	.7	LSW		1.6X	127	5
2007	APR	28	0605	55.51	19	18.95	155	8.71	6.48	41	.09	.4	.7	SF4		1.6X	99	3
2007	APR	28	0607	30.92	19	18.88	155	8.49	8.01	41	.09	.4	.6	SF4		1.9X	106	3
2007	APR	28	0752	37.87	19	21.10	155	5.61	3.05	25	.13	.5	.9	SSF		1.2X	153	5
2007	APR	28	0810	40.91	19	22.36	155	27.24	5.72	27	.12	.4	.7	KAO		1.3X	63	1
2007	APR	28	1141	36.46	18	52.13	155	20.06	13.44	28	.12	1.4	1.3	LOI		1.9X	274	35
2007	APR	28	1230	25.82	19	11.58	155	33.26	3.69	17	.15	.6	2.8	LSW		1.6X	172	8
2007	APR	28	1807	49.28	19	22.93	155	14.77	3.01	17	.07	.4	.4	SEC		1.4X	73	2
2007	APR	28	1836	10.89	19	26.30	155	20.23	7.49	19	.10	.5	1.1	KAO		1.4X	106	5
2007	APR	28	1906	39.26	19	21.74	155	59.54	12.38	17	.13	2.7	.8	KON		1.4X	281	17
2007	APR	28	2331	38.41	19	31.47	155	22.04	4.03	26	.17	.5	1.2	MLO		1.5X	58	4
2007	APR	28	2335	19.32	19	34.05	155	21.23	11.39	45	.14	.4	.7	MLO		1.9X	65	9
2007	APR	28	2350	30.18	19	19.69	155	24.35	8.86	26	.09	.4	.8	SWR		1.1X	92	2
2007	APR	29	0515	15.15	19	20.60	155	5.70	9.17	40	.10	.5	.4	SF4		1.6X	159	6
2007	APR	29	1635	18.94	19	18.52	155	13.55	8.16	24	.08	.5	.9	SF2		1.4X	87	3
2007	APR	29	1811	0.03	19	19.36	155	28.03	10.22	17	.10	.6	1.0	KAO		.9X	106	6
2007	APR	29	2135	47.11	19	27.31	155	53.22	13.99	21	.12	.8	.5	KON		1.9X	144	5
2007	APR	29	2142	42.34	19	22.98	155	17.06	2.42	30	.10	.3	.2	SSC		1.9X	47	1
2007	APR	29	2232	55.41	19	33.35	155	53.13	14.49	26	.12	1.0	.4	KON		1.8X	211	8
2007	APR	29	2254	51.62	19	16.87	155	48.04	10.36	38	.11	.4	.5	KON		1.6X	93	8
2007	APR	30	0229	6.18	19	22.91	155	14.60	3.32	41	.08	.2	.2	SEC		2.0X	68	2
2007	APR	30	0357	24.60	19	26.89	155	50.67	6.05	37	.15	.4	1.1	KON		1.7X	112	9
2007	APR	30	0936	47.15	19	20.50	155	18.45	1.65	25	.09	.3	.5	SWR		1.7X	83	2
2007	APR	30	0947	46.72	19	22.69	155	5.56	2.00	34	.12	.4	.4	SME		1.8X	135	4
2007	APR	30	1126	1.68	19	35.60	155	55.72	10.50	17	.13	2.7	.6	KON		1.6X	274	12
2007	APR	30	1437	52.36	19	26.93	156	6.06	39.66	51	.09	.9	1.1	KON		2.8X	246	20
2007	APR	30	1709	7.76	19	27.14	155	30.34	11.74	16	.11	.5	1.6	KAO		1.7X	75	6
2007	APR	30	2023	18.28	20	5.21	155	48.62	21.37	41	.12	.7	1.2	KOH	F	2.3X	205	6
2007	APR	30	2129	58.13	19	23.31	155	16.97	2.93	23	.10	.4	.2	SSC		1.7X	66	0
2007	APR	30	2210	6.96	19	6.35	155	33.48	1.76	23	.13	.6	.8	LSW		1.5X	161	11
2007	APR	30	2327	2.85	19	21.42	155	3.17	7.43	39	.13	.6	.4	SF5		2.2X	178	6
2007	MAY	1	0316	30.83	19	17.08	155	12.53	7.49	24	.09	.6	1.0	SF2		1.5X	196	2
2007	MAY	1	0350	39.40	20	10.84	156	2.61	24.14	21	.09	1.5	2.5	KOH		2.0X	291	28
2007	MAY	1	0732	36.24	19	19.35	155	13.53	7.41	40	.12	.4	.6	SF2		1.9X	68	4
2007	MAY	1	0858	8.69	19	23.06	155	17.03	2.73	19	.06	.3	.2	SSC		1.4X	48	1

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 26
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	MAY	1	1425	6.17	19	28.49	155	26.93	5.87	17	.13	.4	2.4	KAO		1.3X	80	7
2007	MAY	1	1724	0.25	19	18.14	155	8.32	8.18	41	.10	.4	.5	SF4		2.0X	104	2
2007	MAY	1	2039	42.11	19	23.30	155	17.27	2.55	18	.11	.4	.2	SSC		1.3X	70	1
2007	MAY	1	2151	54.89	19	16.41	154	58.62	48.14	46	.10	.8	.9	LER	F	2.5X	231	16
2007	MAY	1	2206	32.79	19	33.78	155	31.82	5.76	17	.09	.7	2.8	MLO		1.6X	177	7
2007	MAY	1	2212	14.62	19	33.60	155	31.88	4.41	17	.08	.5	4.8	MLO		1.5X	145	7
2007	MAY	1	2331	9.93	19	34.80	155	32.25	10.55	29	.11	.4	.8	MLO		1.8X	82	6
2007	MAY	2	0535	11.54	20	1.41	155	19.64	8.61	50	.11	.7	.6	KEA	F	3.5X	214	30
2007	MAY	2	0623	51.26	19	20.33	155	17.65	45.32	32	.10	1.2	.9	DEP		1.6X	73	5
2007	MAY	2	0650	59.35	20	5.64	155	21.96	12.06	21	.11	1.6	.6	KEA		1.9X	299	23
2007	MAY	2	1500	44.27	19	18.63	155	30.77	9.13	46	.10	.3	.6	LSW		2.0X	68	7
2007	MAY	2	2306	27.15	19	22.53	155	30.28	10.63	26	.08	.4	.9	KAO		1.6X	58	5
2007	MAY	3	0002	10.40	19	12.52	155	31.89	35.59	39	.06	.7	.9	DLS		1.8X	129	6
2007	MAY	3	0114	45.90	19	50.83	155	32.62	20.73	18	.10	.7	1.7	KEA		1.6X	160	12
2007	MAY	3	0856	50.27	19	51.92	156	0.20	39.75	25	.09	1.2	1.8	HUA		2.3X	279	26
2007	MAY	3	1559	9.31	19	57.79	155	20.55	9.52	32	.09	.5	.5	KEA		1.7X	199	42
2007	MAY	3	1751	28.27	19	23.47	155	17.08	3.18	16	.08	.3	.2	SSC		1.3X	70	0
2007	MAY	3	1949	54.89	19	13.65	155	18.22	38.56	38	.12	.9	1.1	DEP		1.6X	177	8
2007	MAY	3	2000	29.75	19	21.42	155	1.63	7.51	38	.09	.5	.6	SF5		1.4X	192	7
2007	MAY	3	2005	49.58	19	18.42	155	49.33	12.48	29	.10	.7	.3	KON		1.5X	128	7
2007	MAY	3	2032	27.04	19	18.40	155	13.11	8.27	41	.09	.4	.5	SF2		1.6X	92	3
2007	MAY	4	0554	2.76	19	33.42	155	37.81	8.75	44	.13	.4	.7	MLO		2.2X	99	8
2007	MAY	4	0831	18.86	19	29.30	154	58.04	37.15	39	.10	.7	.9	LER		2.0X	139	6
2007	MAY	4	1156	47.51	20	2.41	155	19.60	11.90	37	.11	.9	.6	KEA		2.0X	218	17
2007	MAY	4	1242	44.23	19	25.39	155	29.21	10.27	23	.09	.4	1.1	KAO		1.3X	111	6
2007	MAY	4	1246	44.22	19	19.88	155	7.11	7.65	41	.09	.3	.4	SF4		2.2X	143	5
2007	MAY	4	1422	25.34	19	1.22	155	28.11	44.37	29	.07	1.0	1.3	DLS		2.0X	226	15
2007	MAY	4	1457	37.06	19	23.47	155	16.94	2.83	34	.10	.3	.2	SSC		2.2X	42	0
2007	MAY	4	1619	1.70	19	28.59	155	36.65	12.87	16	.10	.6	1.1	MLO		1.4X	197	2
2007	MAY	4	1623	16.60	19	23.22	155	17.07	2.86	20	.07	.3	.2	SSC		1.6X	47	0
2007	MAY	4	1857	22.28	19	25.08	155	20.73	7.19	28	.10	.4	1.0	KAO		1.6X	83	3
2007	MAY	4	1946	38.31	19	18.92	155	7.09	8.87	34	.12	.5	.4	SF4		1.5X	156	3
2007	MAY	5	0058	33.82	19	23.31	155	29.90	9.05	35	.11	.3	.6	KAO		1.6X	63	4
2007	MAY	5	0106	29.68	19	21.90	155	17.68	2.60	24	.08	.3	.4	SWR		1.5X	111	3
2007	MAY	5	0232	9.71	19	24.28	155	29.36	11.21	27	.10	.4	.9	KAO		1.3X	50	4
2007	MAY	5	0247	35.43	19	19.31	155	11.47	5.47	29	.12	.5	1.1	SF3		1.6X	100	5
2007	MAY	5	0512	1.60	19	22.14	154	59.57	7.47	28	.11	.9	.7	LER		1.3X	229	6
2007	MAY	5	0535	21.07	19	20.13	155	6.94	6.78	36	.11	.5	.7	SF4		1.4X	143	5
2007	MAY	5	0949	55.08	19	21.25	155	4.26	9.14	42	.09	.5	.4	SF5		2.4X	169	6
2007	MAY	5	1907	22.32	19	11.99	155	29.28	6.05	39	.13	.4	1.1	LSW		1.6X	130	5
2007	MAY	5	2204	53.37	19	23.51	155	15.22	2.84	30	.11	.3	.3	SEC		1.7X	80	2
2007	MAY	5	2205	56.71	19	23.40	155	15.03	3.07	22	.10	.3	.3	SEC		1.6X	77	2
2007	MAY	6	0022	10.50	19	21.70	155	18.08	2.51	21	.09	.3	.5	SWR		1.2X	107	4
2007	MAY	6	0214	8.91	19	21.88	155	17.85	3.09	30	.09	.3	.5	SWR		1.5X	52	3
2007	MAY	6	0509	5.95	19	26.86	155	53.84	16.18	18	.12	1.6	2.0	KON		1.3X	163	5

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 27
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	MAY	6	1509	6.32	19	24.97	155	19.06	5.63	20	.07	.5	.9	KAO	1.1X	111	3
2007	MAY	6	1826	51.02	19	25.09	155	19.01	5.55	19	.12	.5	1.1	INT	1.4X	116	3
2007	MAY	6	2151	55.63	19	17.49	155	10.89	2.79	32	.10	.6	.9	SSF	1.3X	168	5
2007	MAY	6	2249	1.80	19	25.50	155	28.78	6.30	24	.11	.3	1.4	KAO	1.7X	60	6
2007	MAY	7	1221	12.31	19	18.40	155	30.71	10.96	31	.13	.4	1.0	LSW	1.4X	94	6
2007	MAY	7	1456	40.34	19	25.71	155	23.34	10.23	31	.09	.4	.8	KAO	1.6X	86	7
2007	MAY	7	1723	16.29	19	24.65	155	17.11	2.06	22	.07	.3	.2	SNC	1.5X	120	2
2007	MAY	7	2145	42.21	20	33.03	154	57.85	6.91	18	.13	7.2	9.3	DIS -	2.0X	313	83
2007	MAY	7	2151	55.50	19	21.90	155	11.20	2.82	31	.11	.4	.3	SER	1.7X	71	2
2007	MAY	8	0054	41.39	19	17.93	155	13.10	8.27	38	.09	.4	.5	SF2	1.6X	106	2
2007	MAY	8	0322	32.73	19	20.88	155	13.08	8.91	48	.11	.4	.4	SF2	2.4X	61	3
2007	MAY	8	0608	22.72	19	22.94	155	17.00	3.10	31	.09	.3	.2	SSC	1.8X	48	1
2007	MAY	8	1343	5.63	19	22.58	155	13.96	3.52	15	.05	.3	.4	SER	1.4X	96	2
2007	MAY	8	1758	57.15	19	12.45	155	32.06	37.74	43	.09	.7	1.1	DLS	1.9X	84	6
2007	MAY	8	1801	32.85	19	12.44	155	31.64	38.24	30	.08	.7	1.5	DLS	1.6X	83	6
2007	MAY	8	1809	25.72	19	12.27	155	31.43	37.78	27	.09	.8	1.6	DLS	1.6X	84	6
2007	MAY	8	2248	51.00	19	23.16	155	14.98	3.18	33	.09	.3	.3	SEC	2.2X	67	2
2007	MAY	8	2249	26.84	19	23.24	155	14.90	1.68	15	.10	.3	.4	SEC	1.4X	120	2
2007	MAY	9	0109	26.88	19	22.10	155	2.13	7.72	37	.11	.4	.4	SF5	1.5X	180	5
2007	MAY	9	0307	4.54	19	23.43	155	17.30	2.59	24	.09	.3	.2	SSC	1.5X	66	1
2007	MAY	9	1050	17.01	19	14.12	155	32.33	6.52	22	.13	.4	1.3	LSW	1.7X	113	4
2007	MAY	9	1410	44.96	20	1.45	155	19.80	9.18	40	.11	.8	.5	KEA	2.5X	214	30
2007	MAY	9	1509	11.99	19	31.32	155	31.84	3.27	15	.09	.5	1.5	MLO	1.6X	144	7
2007	MAY	9	2139	23.66	19	12.07	155	31.48	36.91	18	.09	1.3	2.1	DLS	1.4X	87	6
2007	MAY	9	2307	56.74	19	22.05	155	25.26	10.40	45	.12	.4	.5	KAO	1.7X	58	4
2007	MAY	10	0009	38.95	19	30.82	155	44.59	8.48	22	.13	.6	1.0	KON	1.3X	96	2
2007	MAY	10	0147	11.52	19	9.63	155	24.08	45.65	26	.10	1.2	1.3	LOI	1.6X	238	7
2007	MAY	10	0402	42.70	19	20.78	155	13.09	7.79	34	.10	.3	.4	SF2	1.7X	64	3
2007	MAY	10	0407	57.10	20	12.27	155	30.44	34.65	31	.11	1.0	1.5	KEA	2.2X	243	30
2007	MAY	10	0709	54.00	19	5.40	155	23.14	32.83	37	.09	.9	1.5	LOI	1.9X	199	11
2007	MAY	10	0921	16.77	19	19.67	155	6.74	6.64	31	.10	.5	.8	SF4	1.4X	153	5
2007	MAY	10	1548	0.02	19	17.67	155	23.08	2.74	16	.11	.7	.8	SWR	.9X	190	5
2007	MAY	10	1728	51.27	19	21.91	155	12.72	2.91	33	.11	.3	.3	SER	2.0X	96	1
2007	MAY	10	1731	22.72	19	21.62	155	12.72	2.47	22	.07	.3	.3	SER	1.7X	84	2
2007	MAY	10	1944	59.33	19	19.50	155	6.30	8.13	35	.11	.5	.5	SF4	1.6X	164	5
2007	MAY	10	2036	27.34	19	19.32	155	8.48	7.85	38	.10	.4	.5	SF4	1.8X	108	4
2007	MAY	10	2219	32.23	19	20.83	155	6.84	7.01	26	.09	.5	.9	SF4	1.3X	137	5
2007	MAY	11	0411	27.83	19	21.44	155	5.05	5.36	18	.11	.9	1.6	SF5	1.1X	156	6
2007	MAY	11	0839	10.70	19	10.47	155	30.08	5.26	19	.12	.7	2.1	LSW	1.6X	152	4
2007	MAY	11	1019	18.39	19	23.07	155	17.10	2.43	23	.08	.2	.2	SSC	1.6X	66	1
2007	MAY	11	1158	27.31	19	28.91	155	28.07	6.73	15	.09	.4	1.9	KAO	1.5X	80	6
2007	MAY	11	1310	28.69	19	29.76	155	27.08	6.66	23	.10	.4	1.2	KAO	1.6X	103	4
2007	MAY	11	1505	33.75	19	22.89	155	17.12	2.74	16	.07	.3	.3	SSC	1.3X	74	1
2007	MAY	11	1944	43.66	19	23.30	155	14.76	3.11	42	.11	.3	.2	SEC F	2.3X	47	3
2007	MAY	11	2058	20.97	19	23.10	155	14.91	2.25	16	.10	.3	.4	SEC	1.4X	110	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 28
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	MAY	11	2106	19.96	19	13.39	155	14.64	38.43	21	.04	1.5	1.1	DEP	2.4X	249	7
2007	MAY	11	2346	1.25	19	23.33	155	14.74	3.11	33	.11	.3	.3	SEC	1.9X	67	3
2007	MAY	11	2358	40.49	19	23.16	155	14.93	3.10	15	.08	.4	.3	SEC	1.3X	124	2
2007	MAY	12	0153	53.28	19	18.47	155	29.69	10.41	17	.10	.4	.7	LSW	1.1X	95	6
2007	MAY	12	0247	35.77	19	53.21	155	34.55	10.39	16	.11	1.3	.6	KEA	1.4X	241	9
2007	MAY	12	0625	36.92	20	1.25	155	21.50	13.21	30	.10	1.2	.4	KEA	1.7X	254	15
2007	MAY	12	0952	17.93	19	30.79	155	43.40	8.87	18	.10	.6	1.4	KON	1.2X	99	4
2007	MAY	12	1157	55.46	19	31.15	155	47.09	8.43	26	.12	.8	.6	KON	1.5X	152	2
2007	MAY	12	1323	54.96	19	29.47	155	27.04	6.84	19	.11	.4	1.2	KAO	1.7X	70	5
2007	MAY	12	1410	4.44	19	23.22	155	17.02	2.78	19	.06	.3	.2	SSC	1.5X	60	0
2007	MAY	12	1547	25.55	19	19.26	155	20.83	31.44	45	.10	.6	.9	DEP	2.3X	94	5
2007	MAY	12	1653	33.31	19	29.69	155	26.25	3.82	29	.12	.3	1.0	KAO	1.4X	109	5
2007	MAY	12	1756	41.54	19	44.74	156	2.27	41.39	27	.08	.9	1.6	HUA	2.0X	231	22
2007	MAY	12	2055	26.04	19	23.14	155	14.72	3.26	17	.07	.4	.3	SEC	1.4X	129	2
2007	MAY	12	2216	9.90	19	17.58	155	12.90	7.74	39	.13	.5	.7	SF2	1.5X	133	1
2007	MAY	13	0041	7.20	19	23.04	155	17.07	3.01	46	.11	.2	.2	SSC	2.4X	47	1
2007	MAY	13	0220	4.57	19	23.51	155	14.94	2.59	19	.06	.3	.2	SEC	1.5X	104	2
2007	MAY	13	1048	13.69	19	22.39	155	17.10	3.39	23	.08	.3	.3	SSC	1.5X	58	2
2007	MAY	13	1604	25.11	19	29.60	155	26.32	10.76	21	.11	.5	1.0	KAO	1.3X	73	5
2007	MAY	13	2147	38.42	19	22.53	155	13.98	3.48	18	.06	.5	.4	SEC	1.4X	139	2
2007	MAY	14	0033	12.46	19	6.35	155	23.24	36.70	28	.11	1.1	1.5	LOI	1.3X	269	10
2007	MAY	14	0039	31.95	19	4.82	155	24.59	48.01	39	.13	.9	1.3	LOI	2.0X	199	10
2007	MAY	14	0113	16.98	19	11.72	155	37.11	6.51	26	.12	.4	2.0	LSW	1.5X	90	14
2007	MAY	14	0346	33.32	19	25.82	155	19.84	7.51	29	.11	.5	.9	KAO	1.2X	140	4
2007	MAY	14	0417	17.39	19	22.21	155	2.81	8.75	35	.11	.4	.6	SF5	1.4X	173	5
2007	MAY	14	0650	59.81	19	25.49	155	31.40	12.36	41	.10	.4	.6	KAO	1.9X	48	8
2007	MAY	14	0828	39.63	19	21.07	155	18.76	4.02	23	.09	.3	.8	SWR	1.1X	82	3
2007	MAY	14	1234	16.04	19	17.51	155	15.61	5.78	33	.11	.5	1.0	SF1	1.6X	133	4
2007	MAY	14	1407	58.60	19	21.57	155	5.00	6.99	21	.11	.6	1.3	SF5	1.4X	155	5
2007	MAY	14	1512	45.61	19	21.75	155	4.83	7.23	37	.13	.5	.8	SF5	1.8X	155	5
2007	MAY	14	1806	58.07	19	22.92	155	17.14	2.25	26	.10	.3	.2	SSC	1.6X	83	1
2007	MAY	14	1842	53.66	19	20.54	155	12.67	8.97	24	.07	.5	.6	SF2	1.3X	76	4
2007	MAY	14	2203	59.45	19	21.94	155	17.64	3.08	25	.08	.3	.4	SWR	1.7X	59	3
2007	MAY	15	0101	53.51	19	22.41	155	13.94	3.63	46	.12	.3	.4	SER	2.5X	51	2
2007	MAY	15	0336	2.83	19	23.21	155	14.82	2.57	19	.08	.3	.3	SEC	1.5X	72	2
2007	MAY	15	0341	24.19	19	23.02	155	14.76	3.20	30	.08	.3	.3	SEC	1.9X	64	2
2007	MAY	15	0342	21.18	19	22.92	155	14.68	3.04	22	.07	.4	.3	SEC	1.9X	71	2
2007	MAY	15	0343	11.66	19	23.09	155	14.85	2.49	17	.09	.3	.3	SEC	1.4X	110	2
2007	MAY	15	0354	37.68	19	22.87	155	14.65	3.35	26	.09	.4	.3	SEC	1.9X	72	2
2007	MAY	15	0709	35.41	19	18.44	155	13.35	9.36	48	.11	.4	.3	SF2	2.5X	84	3
2007	MAY	15	1241	58.08	19	12.35	155	31.44	37.74	25	.07	.7	1.7	DLS	2.1X	83	6
2007	MAY	15	1803	53.02	19	18.45	155	13.31	8.74	24	.07	.5	1.0	SF2	1.5X	85	3
2007	MAY	15	2240	11.93	19	18.19	155	13.02	7.14	37	.11	.4	.6	SF2	1.6X	102	2
2007	MAY	16	0059	59.74	19	18.31	155	13.26	7.73	45	.11	.4	.5	SF2	2.0X	90	2
2007	MAY	16	0851	36.83	19	22.32	155	17.52	2.53	17	.05	.3	.4	SSC	1.2X	58	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	REMKS		MAG	GAP		DS
2007	MAY	16	1102	12.88	19	21.18	155	5.76	8.89	33	.09	.4	.7	SF4		1.4X	150		5
2007	MAY	16	1336	52.62	18	52.75	155	12.65	38.04	53	.11	1.0	1.5	LOI		2.6X	259		41
2007	MAY	16	1532	33.91	19	22.24	155	13.42	3.73	15	.06	.6	.4	SER		1.6X	101		1
2007	MAY	16	1813	30.43	19	27.73	155	51.24	8.16	26	.18	.6	1.1	KON		1.3X	109		7
2007	MAY	17	0102	43.11	19	24.97	155	19.47	6.75	41	.10	.3	.6	KAO	F	1.9X	46		2
2007	MAY	17	0351	56.62	19	23.66	155	6.11	36.78	48	.11	.6	.8	DEP		1.8X	118		3
2007	MAY	17	0514	41.25	19	19.41	155	16.25	34.79	33	.10	.8	.9	DEP		1.6X	97		5
2007	MAY	17	0529	11.02	19	22.89	155	16.88	2.24	20	.09	.3	.2	SSC		1.4X	96		1
2007	MAY	17	0900	4.16	19	22.58	155	17.24	2.37	20	.06	.3	.3	SSC		1.4X	87		2
2007	MAY	17	1233	45.78	19	17.30	155	12.35	9.24	25	.08	.6	.9	SF2		1.2X	167		2
2007	MAY	17	1350	1.16	19	26.50	155	30.18	10.22	15	.08	.4	1.5	KAO		1.3X	75		9
2007	MAY	17	1717	50.42	19	29.73	155	54.49	11.08	37	.14	.7	.4	KON	F	2.0X	138		1
2007	MAY	17	1846	16.48	19	21.81	155	24.42	14.37	49	.11	.4	.3	DEP		2.8X	49		4
2007	MAY	17	2250	10.16	19	20.96	155	13.14	8.31	48	.10	.3	.3	SF2		1.9X	59		3
2007	MAY	17	2345	34.43	19	24.10	155	22.91	10.66	33	.09	.4	.7	KAO		1.5X	71		6
2007	MAY	18	0352	17.38	19	5.81	155	28.22	32.50	31	.09	.9	1.4	DLS		1.6X	223		7
2007	MAY	18	0512	49.95	19	23.75	155	15.23	2.62	20	.12	.3	.3	SEC		1.6X	93		2
2007	MAY	18	0559	19.68	19	13.41	155	30.55	2.32	47	.12	.3	.6	LSW	F	3.0X	67		9
2007	MAY	18	1558	57.68	19	12.18	155	24.43	38.08	24	.11	1.2	1.5	DEP		1.4X	197		11
2007	MAY	18	1718	9.01	19	20.58	155	13.12	7.80	43	.09	.4	.5	SF2		1.6X	63		4
2007	MAY	19	0106	0.74	19	22.49	155	14.08	3.46	26	.08	.3	.3	SEC		1.7X	88		2
2007	MAY	19	0223	38.44	19	23.35	155	16.83	3.11	30	.10	.4	.2	SSC		1.6X	45		0
2007	MAY	19	0258	32.05	19	26.15	155	26.17	10.83	18	.10	.4	1.1	KAO		1.4X	59		7
2007	MAY	19	0918	4.99	19	36.59	155	29.60	1.26	15	.11	.7	.2	KEA		1.5X	150		1
2007	MAY	19	1028	25.31	19	23.46	155	16.61	3.06	35	.11	.3	.2	SSC		2.3X	59		1
2007	MAY	19	1258	55.53	19	29.97	155	27.36	6.35	44	.13	.3	1.0	KAO		1.9X	60		4
2007	MAY	19	1411	58.21	19	23.09	155	16.81	2.55	20	.07	.3	.2	SSC		1.5X	63		1
2007	MAY	19	1546	41.05	19	18.75	155	2.96	42.04	45	.09	.8	.8	DEP		2.1X	210		9
2007	MAY	19	1617	5.23	19	19.67	155	28.50	30.58	44	.09	.5	.9	DML		1.9X	76		5
2007	MAY	19	1716	28.48	19	12.09	155	37.51	2.19	19	.17	.6	1.5	LSW		1.6X	146		14
2007	MAY	19	1735	45.43	19	11.72	155	27.76	5.21	21	.13	.6	2.2	LSW		1.4X	132		4
2007	MAY	19	1946	17.39	19	20.79	155	12.28	8.55	42	.12	.3	.4	SF3		1.6X	68		4
2007	MAY	19	2034	49.87	19	23.32	155	16.86	2.95	37	.11	.3	.2	SSC		2.4X	46		0
2007	MAY	19	2238	41.92	19	19.94	155	9.80	8.56	27	.10	.8	.6	SF3		1.4X	86		5
2007	MAY	19	2247	25.08	19	23.45	155	17.02	2.96	20	.05	.3	.2	SSC		1.6X	62		0
2007	MAY	19	2316	40.05	19	19.70	155	6.61	8.71	46	.09	.4	.4	SF4		2.4X	155		5
2007	MAY	20	0248	54.67	19	22.81	155	17.17	2.34	45	.12	.3	.2	SSC		2.4X	48		1
2007	MAY	20	0400	30.01	20	0.29	155	22.39	11.91	15	.06	1.3	.6	KEA		1.1X	238		13
2007	MAY	20	0542	37.59	19	23.15	155	17.07	2.15	15	.08	.3	.2	SSC		1.2X	120		0
2007	MAY	20	0909	18.93	19	40.93	155	22.34	44.72	26	.08	.7	1.3	KEA		1.6X	79		14
2007	MAY	20	1202	47.43	19	19.03	155	3.13	42.40	45	.08	.8	.8	DEP		2.1X	207		9
2007	MAY	20	1722	29.15	19	27.38	155	29.41	12.02	20	.10	.5	1.1	KAO		1.3X	74		8
2007	MAY	20	2306	21.06	19	21.68	155	4.60	7.35	36	.13	.6	.5	SF5		1.8X	159		5
2007	MAY	20	2318	44.48	19	22.12	155	17.36	2.73	15	.06	.4	.5	SSC		1.5X	115		2
2007	MAY	20	2339	8.04	19	23.23	155	16.95	3.15	43	.12	.3	.2	SSC		2.3X	46		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	REMKS		MAG	GAP		DS
2007	MAY	21	0340	22.96	19	18.58	155	15.18	6.61	26	.10	.5	1.0	SF1		1.2X	120		4
2007	MAY	21	0425	35.62	19	28.45	155	42.03	12.30	38	.13	.4	.4	MLO		2.0X	65		8
2007	MAY	21	0440	33.46	19	29.05	155	42.25	13.56	21	.08	.6	.7	DML		1.2X	77		7
2007	MAY	21	0906	28.45	19	43.90	155	27.96	23.96	19	.06	.6	1.1	KEA		1.4X	116		6
2007	MAY	21	1136	6.41	19	30.72	155	56.12	10.52	33	.15	1.1	.5	KON	F	2.2X	221		3
2007	MAY	21	1509	9.74	19	26.81	155	28.60	8.92	35	.10	.3	.9	KAO		1.8X	56		8
2007	MAY	21	1657	29.90	19	20.16	155	24.49	9.19	31	.11	.5	.7	SWR		1.4X	105		2
2007	MAY	21	1953	16.60	19	21.45	155	12.56	1.43	39	.12	.2	.4	SER		2.4X	59		2
2007	MAY	21	2100	13.17	19	19.98	155	6.72	7.13	24	.10	.5	1.0	SF4		1.2X	149		5
2007	MAY	22	0059	19.81	19	24.79	155	18.98	6.26	32	.09	.4	.6	INT		1.5X	67		2
2007	MAY	22	0109	9.05	19	24.71	155	19.14	5.66	17	.08	.5	1.0	KAO		.9X	101		2
2007	MAY	22	0300	29.01	19	20.56	155	24.33	9.50	23	.11	.4	.7	SWR		1.3X	111		2
2007	MAY	22	0531	44.51	19	22.08	155	1.97	7.64	22	.14	1.3	.9	SF5		1.1X	216		6
2007	MAY	22	0759	55.16	19	17.28	155	29.38	11.16	29	.10	.4	.8	LSW		1.4X	80		4
2007	MAY	22	0824	15.85	19	17.87	155	13.20	7.02	22	.08	.5	1.0	SF2		.9X	102		2
2007	MAY	22	1017	21.26	19	26.35	155	25.84	2.28	18	.11	.3	.9	KAO		1.3X	67		8
2007	MAY	22	1030	8.92	19	23.20	155	14.85	2.85	15	.04	.3	.4	SEC		1.5X	109		2
2007	MAY	22	1534	12.45	19	58.27	155	19.58	8.56	35	.12	.9	.6	KEA		1.8X	253		25
2007	MAY	22	2159	9.93	20	0.45	156	3.97	29.53	45	.10	1.0	2.2	KOH		2.3X	294		43
2007	MAY	22	2258	50.75	19	30.83	155	1.54	40.42	41	.12	.7	.9	DEP		1.9X	119		12
2007	MAY	23	0027	16.44	19	30.58	155	28.23	5.12	18	.10	.4	1.4	MLO		1.3X	91		3
2007	MAY	23	0220	18.07	19	23.24	155	15.66	2.25	32	.11	.3	.2	SEC		2.1X	57		2
2007	MAY	23	0326	14.01	19	23.54	155	15.44	1.25	13	.08	.2	.4	SEC		1.4X	89		2
2007	MAY	23	0432	13.69	19	21.53	155	18.55	1.38	21	.05	.3	.4	SWR		1.3X	101		4
2007	MAY	23	0549	22.50	18	59.12	155	28.62	40.60	28	.09	1.3	1.8	DLS		1.8X	232		19
2007	MAY	23	0716	54.07	19	22.73	155	14.55	1.79	18	.07	.3	.3	SEC		1.4X	78		2
2007	MAY	23	0739	4.16	19	12.22	155	29.23	5.68	46	.14	.4	.8	LSW		2.0X	106		6
2007	MAY	23	0830	52.52	19	21.61	155	9.90	2.80	21	.10	.5	.4	SER		1.5X	85		2
2007	MAY	23	0933	23.30	19	21.83	155	10.21	2.84	28	.11	.4	.3	SER		1.8X	81		2
2007	MAY	23	1002	55.60	19	21.80	155	17.96	2.23	27	.10	.3	.4	SWR		1.7X	63		3
2007	MAY	23	1721	0.33	19	21.22	155	18.66	4.15	41	.09	.3	.7	SWR		2.2X	46		3
2007	MAY	23	2034	35.60	19	22.36	155	30.34	10.40	48	.08	.3	.5	KAO		2.0X	58		5
2007	MAY	23	2215	15.97	19	20.07	155	7.45	6.16	41	.13	.5	.8	SF4		1.6X	133		5
2007	MAY	24	0039	5.59	19	30.04	155	27.29	5.98	44	.11	.3	1.0	MLO		2.1X	48		4
2007	MAY	24	0542	12.67	19	22.09	155	17.17	2.89	35	.09	.2	.3	SSC		1.8X	61		2
2007	MAY	24	0740	58.12	19	22.92	155	14.77	3.28	39	.11	.3	.3	SEC		2.0X	68		2
2007	MAY	24	0913	43.92	19	23.89	155	15.24	1.99	48	.13	.2	.3	SEC	F	4.7U	44		2
2007	MAY	24	0926	10.32	19	23.08	155	14.39	3.14	28	.08	.3	.3	SEC		2.4X	80		2
2007	MAY	24	0933	9.81	19	23.06	155	14.32	3.30	49	.12	.3	.4	SEC	F	4.1U	47		2
2007	MAY	24	0938	30.08	19	22.83	155	14.72	1.77	37	.08	.2	.3	SEC		2.2X	71		3
2007	MAY	24	0939	39.34	19	23.15	155	14.70	3.35	21	.06	.3	.3	SEC		2.0X	71		3
2007	MAY	24	0940	4.99	19	22.98	155	14.21	4.22	37	.08	.3	.5	SEC		2.2X	47		2
2007	MAY	24	1010	37.29	19	22.28	155	13.94	3.33	22	.06	.3	.3	SER		1.8X	75		2
2007	MAY	24	1025	42.90	19	23.10	155	14.70	2.82	19	.08	.3	.4	SEC		1.7X	76		2
2007	MAY	24	1041	36.71	19	22.77	155	14.48	0.25	45	.11	.2	.2	SEC		3.4U	50		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	REMKS		MAG	GAP		DS
2007	MAY	24	1046	0.29	19	21.81	155	14.61	2.66	13	.06	.8	.4	KOA		1.6X	219		3
2007	MAY	24	1047	23.68	19	23.14	155	14.93	1.29	32	.08	.2	.2	SEC		2.1X	65		2
2007	MAY	24	1050	1.99	19	22.75	155	14.48	2.05	13	.06	.4	.3	SEC		1.5X	161		2
2007	MAY	24	1051	36.90	19	22.91	155	14.49	1.03	42	.11	.3	.3	SEC	F	3.9U	49		2
2007	MAY	24	1054	54.07	19	23.17	155	13.83	1.59	17	.08	.3	.3	SER		2.5X	105		2
2007	MAY	24	1058	21.69	19	23.06	155	14.79	3.12	19	.05	.3	.3	SEC		1.6X	78		2
2007	MAY	24	1103	16.04	19	22.86	155	14.43	1.93	13	.06	.5	.4	SEC		1.6X	152		2
2007	MAY	24	1116	37.82	19	23.80	155	14.50	2.69	15	.10	.4	.5	SEC		1.5X	84		2
2007	MAY	24	1129	36.39	19	21.11	155	14.67	1.11	13	.09	.6	.4	KOA		1.4X	246		3
2007	MAY	24	1220	42.93	19	23.98	155	15.90	3.19	20	.04	.3	.3	SEC		1.6X	112		1
2007	MAY	24	1231	28.64	19	22.34	155	14.09	3.10	22	.08	.4	.3	SEC		1.7X	120		2
2007	MAY	24	1312	24.93	19	22.74	155	14.19	3.90	17	.06	.4	.5	SEC		1.5X	87		2
2007	MAY	24	1500	2.90	19	22.03	155	12.69	3.42	18	.07	.4	.4	SER		1.5X	114		1
2007	MAY	24	1541	1.40	19	23.83	155	15.38	2.14	16	.07	.3	.3	SEC		1.2X	102		2
2007	MAY	24	1742	38.63	19	23.22	155	15.01	1.22	16	.10	.3	.4	SEC		1.2X	72		2
2007	MAY	24	1744	45.81	19	23.09	155	14.66	2.91	17	.06	.3	.4	SEC		1.5X	77		3
2007	MAY	24	1748	51.82	19	23.21	155	15.09	1.53	16	.09	.2	.4	SEC		1.4X	73		2
2007	MAY	24	1853	50.06	19	23.75	155	15.67	1.98	13	.06	.3	.4	SEC		1.5X	101		2
2007	MAY	24	1857	59.69	19	3.68	155	26.07	37.22	49	.08	.8	1.0	DLS		2.4X	200		11
2007	MAY	24	2051	46.47	19	23.02	155	14.62	3.57	34	.11	.3	.3	SEC		2.1X	64		3
2007	MAY	24	2227	1.82	19	20.59	155	3.41	40.11	47	.11	.7	.8	DEP		2.4X	186		7
2007	MAY	25	0322	1.97	19	59.31	155	32.56	19.66	35	.09	.6	1.9	KEA		1.9X	174		19
2007	MAY	25	0351	59.00	19	23.21	155	14.77	3.24	38	.09	.2	.2	SEC		2.1X	58		2
2007	MAY	25	0547	28.74	19	23.20	155	16.95	3.05	8	.05	1.2	.6	SSC		2.0X	217		0
2007	MAY	25	0729	36.59	19	22.23	155	14.01	3.38	20	.07	.4	.3	SEC		1.6X	93		2
2007	MAY	25	0900	52.07	19	24.24	155	15.86	1.53	29	.10	.2	.2	SEC		2.1X	81		1
2007	MAY	25	1407	32.35	19	22.78	155	14.33	3.41	34	.09	.3	.4	SEC		2.4X	80		2
2007	MAY	25	1642	6.59	19	18.50	155	47.36	9.22	21	.12	.6	2.0	KON		1.8X	111		10
2007	MAY	25	1644	56.04	19	12.57	155	26.61	37.99	17	.12	1.4	1.9	DLS		1.1X	227		8
2007	MAY	25	1954	12.26	19	21.42	155	4.39	7.54	31	.13	.6	.7	SF5		1.5X	165		5
2007	MAY	25	2301	43.04	19	21.64	155	12.66	2.36	17	.06	.4	.4	SER		1.8X	115		2
2007	MAY	25	2303	0.93	19	23.15	155	14.86	3.13	28	.08	.3	.3	SEC		1.8X	64		2
2007	MAY	25	2305	12.31	19	23.22	155	14.73	3.34	45	.11	.2	.3	SEC	F	2.9X	47		3
2007	MAY	25	2306	15.89	19	23.09	155	14.72	3.52	23	.08	.4	.3	SEC		2.3X	69		2
2007	MAY	25	2332	8.01	19	21.87	155	12.59	2.87	40	.10	.3	.3	SER		2.2X	59		2
2007	MAY	26	0123	59.99	19	22.73	155	14.13	1.42	25	.11	.3	.3	SEC		1.8X	85		2
2007	MAY	26	0227	32.55	19	23.13	155	14.86	3.14	16	.07	.4	.4	SEC		1.6X	108		2
2007	MAY	26	0245	43.66	19	23.01	155	14.74	3.15	14	.06	.4	.3	SEC		1.6X	113		2
2007	MAY	26	0422	36.26	19	23.34	155	14.81	2.95	23	.10	.3	.2	SEC		1.6X	66		3
2007	MAY	26	0925	43.24	19	6.68	155	28.11	29.63	33	.08	.7	1.4	DLS		1.7X	184		5
2007	MAY	26	0928	40.70	19	22.59	155	14.08	3.41	21	.06	.3	.3	SEC		1.8X	85		2
2007	MAY	26	1454	27.88	19	22.92	155	14.61	3.29	36	.09	.3	.3	SEC		2.0X	53		2
2007	MAY	26	1618	18.37	19	22.45	155	14.09	3.52	33	.10	.3	.3	SEC		2.0X	83		2
2007	MAY	26	1624	18.08	19	22.57	155	14.09	3.20	22	.08	.4	.3	SEC		1.7X	85		2
2007	MAY	26	1656	45.24	19	23.17	155	14.77	3.25	20	.06	.3	.3	SEC		1.6X	73		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	REMKS		MAG	GAP		DS
2007	MAY	26	2048	3.80	19	22.70	155	13.99	3.75	18	.07	.5	.4	SEC		1.5X	128		2
2007	MAY	27	0322	9.91	19	22.83	155	14.66	3.24	33	.11	.3	.3	SEC		2.1X	70		2
2007	MAY	27	0322	56.93	19	21.12	155	15.05	3.31	19	.09	.4	.5	KOA		1.8X	156		3
2007	MAY	27	0615	34.43	19	20.02	155	11.79	8.51	35	.07	.4	.5	SF3		1.5X	83		5
2007	MAY	27	0655	54.22	19	22.92	155	17.07	2.09	18	.08	.3	.2	SSC		1.1X	72		1
2007	MAY	27	1005	25.36	19	23.78	155	15.13	1.62	23	.08	.2	.3	SEC		1.9X	92		2
2007	MAY	27	1125	18.86	19	24.18	155	16.08	3.09	16	.11	.3	.4	SEC		1.4X	122		1
2007	MAY	27	1213	22.46	19	32.02	155	51.56	10.72	12	.08	1.7	1.3	KON		1.8U	218		8
2007	MAY	27	1448	2.11	19	26.14	155	28.68	9.94	14	.07	.4	1.2	KAO		1.3X	63		7
2007	MAY	27	1533	20.58	19	59.20	155	21.54	12.53	21	.07	1.1	.3	KEA		1.6X	237		11
2007	MAY	27	1632	31.50	19	11.11	155	15.10	44.83	34	.10	.9	1.3	DEP		1.8X	197		11
2007	MAY	27	1701	16.07	19	19.24	155	9.16	7.68	23	.09	.4	.6	SF3		1.1X	94		4
2007	MAY	27	1821	20.10	19	31.28	155	51.35	7.78	20	.14	1.1	1.3	KON		2.0X	195		7
2007	MAY	27	2250	2.38	20	4.71	156	1.19	9.27	17	.10	1.5	.7	KOH		1.8X	267		26
2007	MAY	28	0109	37.67	19	18.65	155	13.19	5.30	39	.12	.4	1.0	SF2		1.5X	86		3
2007	MAY	28	0140	57.47	19	18.05	155	12.98	8.27	25	.09	.5	.9	SF2		1.0X	107		2
2007	MAY	28	0223	5.39	19	18.39	155	13.29	7.33	37	.10	.4	.5	SF2		1.8X	87		3
2007	MAY	28	0229	42.82	19	17.50	155	13.23	9.34	45	.12	.5	.4	SF2		2.1X	115		1
2007	MAY	28	0531	40.88	19	10.63	155	40.59	10.88	27	.13	.5	.8	LSW		1.8X	83		10
2007	MAY	28	0617	22.46	19	29.31	155	28.05	8.44	36	.12	.3	.9	KAO		1.6X	64		5
2007	MAY	28	1145	58.52	19	19.67	155	11.87	6.98	40	.11	.4	.6	SF3		1.8X	89		6
2007	MAY	28	1155	6.20	19	18.27	155	13.04	8.45	40	.11	.5	.5	SF2		1.7X	99		2
2007	MAY	28	1155	27.92	19	18.19	155	13.18	6.82	35	.09	.4	.9	SF2		1.6X	95		2
2007	MAY	28	1513	48.39	19	26.36	155	38.26	3.52	24	.09	.5	.6	MLO		1.6X	97		4
2007	MAY	28	1650	23.75	19	20.10	155	6.75	6.93	33	.11	.5	.8	SF4		1.4X	147		5
2007	MAY	28	1732	25.10	19	26.02	155	37.60	2.56	30	.13	.4	.4	MLO		1.9X	84		3
2007	MAY	28	1751	43.42	19	19.17	155	10.42	6.37	28	.10	.5	1.0	SF3		1.4X	107		5
2007	MAY	28	1852	35.30	19	24.24	155	2.20	4.25	31	.12	.6	1.0	SME		1.6X	145		3
2007	MAY	28	2104	5.12	19	23.04	155	17.22	2.43	19	.10	.4	.2	SSC		1.3X	128		1
2007	MAY	28	2303	11.42	20	1.76	155	19.80	12.21	35	.13	1.0	.5	KEA		2.1X	214		16
2007	MAY	28	2318	51.17	19	23.29	155	50.34	12.30	21	.11	.6	.5	KON		1.2U	129		14
2007	MAY	29	0428	2.70	19	20.46	155	11.05	8.56	33	.09	.4	.5	SF3		1.4X	78		5
2007	MAY	29	0726	58.41	19	25.88	155	19.69	7.78	29	.09	.4	.8	KAO		1.4X	142		4
2007	MAY	29	1302	45.50	19	18.12	155	13.11	8.78	39	.09	.4	.5	SF2		1.9X	100		2
2007	MAY	29	1353	6.52	19	30.07	155	25.64	6.23	18	.13	.4	1.2	MLO		1.5X	102		4
2007	MAY	29	1743	5.95	19	22.99	155	14.73	2.92	15	.06	.3	.4	SEC		1.3X	119		2
2007	MAY	29	1749	55.62	19	23.29	155	17.08	2.84	23	.07	.3	.2	SSC		1.5X	57		0
2007	MAY	29	1931	12.18	19	22.80	155	16.97	2.60	33	.08	.3	.2	SSC		1.7X	49		1
2007	MAY	29	1931	54.54	19	22.42	155	16.94	1.61	24	.10	.2	.3	SSC		1.6X	52		2
2007	MAY	29	2017	13.09	19	21.95	155	11.16	3.41	19	.06	.4	.4	SER		1.5X	96		2
2007	MAY	29	2150	34.80	20	0.13	155	19.73	9.51	48	.09	.8	.5	KEA	F	2.5X	209		28
2007	MAY	30	0228	12.75	19	23.46	155	17.14	2.82	21	.06	.4	.2	SSC		1.1X	109		0
2007	MAY	30	0314	59.33	18	54.74	155	33.65	41.30	40	.09	1.0	1.3	DLS		1.9X	257		14
2007	MAY	30	0349	59.35	19	26.43	155	19.99	11.66	41	.12	.4	.5	KAO		1.9X	66		5
2007	MAY	30	0351	40.42	19	26.89	155	19.74	9.02	41	.11	.4	.5	KAO		1.6X	95		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	REMKS		MAG		GAP	DS
2007	MAY	30	0401	12.76	19	26.88	155	19.84	9.43	49	.10	.3	.5	KAO		2.4X		49	5
2007	MAY	30	0406	53.28	19	27.01	155	19.75	8.15	28	.09	.5	.8	KAO		1.2X	150		5
2007	MAY	30	0409	31.02	19	22.77	155	14.62	3.38	21	.06	.4	.3	SEC		2.0X		74	2
2007	MAY	30	0946	39.54	19	22.64	155	14.34	3.14	18	.07	.3	.3	SEC		1.6X		84	2
2007	MAY	30	1115	4.51	19	24.35	155	16.69	3.21	18	.05	.4	.3	SSC		1.6X	120		1
2007	MAY	30	1219	52.71	19	21.89	155	10.42	2.90	25	.07	.4	.3	SER		1.8X		85	2
2007	MAY	30	1548	43.18	19	25.00	155	38.98	3.93	16	.12	.7	.7	MLO		1.2X	197		2
2007	MAY	30	1807	4.00	19	28.38	154	52.46	1.27	33	.09	.8	.3	SLE	F	1.7X	273		5
2007	MAY	30	1829	28.07	19	22.64	155	14.58	3.73	19	.10	.5	.4	SEC		1.5X		79	2
2007	MAY	30	2048	44.19	19	9.88	155	35.81	2.46	33	.12	.4	.7	LSW		1.9X	110		14
2007	MAY	30	2216	50.77	19	23.31	155	14.87	3.63	46	.09	.2	.3	SEC		2.2X		46	2
2007	MAY	30	2219	47.21	19	22.93	155	14.72	2.17	21	.11	.3	.3	SEC		1.7X		75	2
2007	MAY	30	2318	2.52	19	23.19	155	16.90	2.96	40	.10	.3	.2	SSC		2.1X		46	0
2007	MAY	31	0035	32.43	19	20.83	155	49.41	12.13	25	.13	.5	.6	KON		1.6X	118		10
2007	MAY	31	0119	45.90	19	23.08	155	14.87	3.14	28	.10	.4	.3	SEC		1.7X		65	2
2007	MAY	31	0147	21.83	19	22.76	155	14.09	3.85	17	.06	.5	.4	SEC		1.5X	156		2
2007	MAY	31	0156	36.74	19	24.93	155	19.57	6.25	29	.09	.4	.8	KAO		1.3X		76	2
2007	MAY	31	0420	7.47	19	22.62	155	17.38	2.25	19	.05	.3	.2	SSC		1.3X		97	2
2007	MAY	31	0530	40.65	19	19.55	155	3.01	42.07	47	.09	.6	.7	DEP		2.4X	203		9
2007	MAY	31	0640	23.48	19	19.67	155	9.92	8.15	40	.09	.4	.6	SF3		1.5X		91	5
2007	MAY	31	1617	57.35	19	7.23	156	17.91	38.75	21	.10	1.8	2.9	KON		1.9X	310		48
2007	MAY	31	1838	41.25	20	28.44	155	58.74	6.70	16	.13	9.0	11.5	DIS	-	1.9X	319		93
2007	MAY	31	2129	0.04	19	23.17	155	16.83	2.78	16	.11	.4	.3	SSC		1.4U	114		0
2007	JUN	1	0133	3.05	19	22.71	155	17.17	2.47	15	.04	.4	.3	SSC		1.5U		93	1
2007	JUN	1	0235	12.24	19	22.74	155	17.11	2.26	20	.09	.3	.3	SSC		1.9U		67	1
2007	JUN	1	0308	56.45	19	22.70	155	17.17	2.26	17	.12	.5	.3	SSC		1.3U	144		1
2007	JUN	1	0310	42.55	19	22.80	155	17.33	2.40	19	.09	.4	.2	SSC		1.9U		89	1
2007	JUN	1	0347	48.01	19	22.86	155	17.21	2.35	16	.07	.3	.2	SSC		1.4U		86	1
2007	JUN	1	0348	14.10	19	22.96	155	16.92	2.83	33	.10	.3	.2	SSC		3.2U		47	1
2007	JUN	1	0408	47.61	19	23.13	155	17.07	2.64	17	.07	.4	.2	SSC		1.5U	121		1
2007	JUN	1	0912	55.01	19	23.21	155	14.78	1.95	16	.08	.3	.4	SEC		1.4X		73	2
2007	JUN	1	0936	46.16	19	22.98	155	14.71	3.36	24	.07	.3	.3	SEC		1.8X		70	2
2007	JUN	1	1024	31.59	19	22.57	155	26.44	10.04	43	.11	.3	.5	KAO		1.9X		58	2
2007	JUN	1	1141	5.73	19	44.11	154	49.62	44.13	46	.11	1.1	1.1	HIL		2.5X	264		21
2007	JUN	1	1217	25.09	19	19.47	155	9.23	7.07	20	.07	.5	1.0	SF3		1.3X	105		5
2007	JUN	1	1254	9.84	19	21.44	155	29.55	10.95	15	.11	.5	1.1	KAO		1.0X		84	4
2007	JUN	1	1450	52.92	19	42.93	155	43.54	8.99	13	.14	1.3	2.1	HUA		1.5X	219		12
2007	JUN	1	1851	51.40	19	22.93	155	14.83	3.21	17	.09	.4	.3	SEC		1.5X		71	2
2007	JUN	1	2329	59.20	19	22.80	155	17.30	2.43	22	.07	.3	.2	SSC		1.4X		89	1
2007	JUN	2	0043	27.24	19	24.85	155	15.93	15.39	36	.09	.5	.3	DEP		1.5X		51	2
2007	JUN	2	0124	8.76	19	18.55	155	47.62	10.72	49	.12	.4	.3	KON	F	3.2X		87	9
2007	JUN	2	0143	21.35	19	21.33	155	26.88	9.20	25	.14	.4	.9	KAO		1.5X		77	3
2007	JUN	2	0147	50.10	19	23.03	155	14.68	3.36	25	.10	.4	.4	SEC		2.1X		71	2
2007	JUN	2	0255	9.53	19	25.64	155	19.15	6.61	39	.11	.3	.6	KAO		1.8X		47	3
2007	JUN	2	0257	47.86	20	13.04	155	40.87	30.82	31	.09	.9	1.2	KOH		2.2X	262		14

---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
2007	JUN	2	0437	25.60	19	22.69	155	14.27	3.38	27	.10	.4	.4	SEC		2.0X		81	2
2007	JUN	2	0519	58.92	19	18.79	155	14.11	7.88	36	.10	.4	.6	SF2		1.6X		74	3
2007	JUN	2	0535	42.14	19	23.67	155	17.02	2.63	19	.07	.3	.2	SSC		1.3X		77	1
2007	JUN	2	0707	52.17	19	22.70	155	17.25	2.46	16	.04	.3	.3	SSC		1.5X		81	1
2007	JUN	2	1053	53.86	19	19.36	155	7.62	6.78	32	.11	.4	.9	SF4		1.4X	134		4
2007	JUN	2	1344	51.56	19	34.40	155	26.07	30.69	14	.08	1.1	1.4	DML		1.4X	183		5
2007	JUN	2	1546	59.75	19	24.84	155	29.91	11.15	21	.07	.4	1.0	KAO		1.2X		55	6
2007	JUN	2	1715	22.52	19	25.08	155	28.11	10.21	37	.11	.4	.6	KAO		1.8X		45	5
2007	JUN	2	1936	40.67	19	20.58	155	5.54	6.30	22	.16	.8	1.8	SF4		1.3X	162		6
2007	JUN	3	0018	7.53	19	11.95	155	31.45	38.38	23	.08	.9	1.3	DLS		1.6X	134		6
2007	JUN	3	0453	56.09	19	22.60	155	17.30	1.97	26	.10	.3	.3	SSC		1.4X		52	2
2007	JUN	3	0534	34.39	19	29.40	155	27.74	8.30	17	.08	.4	1.3	KAO		1.1X		83	5
2007	JUN	3	0751	20.80	20	35.84	155	30.69	1.21	25	.12	11.4	4.4	DIS	-	2.2X	318		80
2007	JUN	3	0946	21.38	19	25.82	155	29.95	10.37	40	.10	.3	.6	KAO		1.9X		42	7
2007	JUN	3	1118	39.64	19	22.88	155	17.10	2.66	29	.10	.3	.2	SSC		1.9X		49	1
2007	JUN	3	1136	21.16	19	11.88	155	36.69	11.32	28	.11	.5	.9	LSW		1.7X	149		13
2007	JUN	3	1158	18.23	19	23.21	155	17.07	2.38	17	.08	.3	.2	SSC		1.5X		66	0
2007	JUN	3	1223	12.27	19	25.81	155	19.03	7.15	26	.08	.4	.8	KAO		1.7X	145		3
2007	JUN	3	1246	3.72	19	25.86	155	18.86	6.83	25	.09	.5	.8	INT		1.5X	152		2
2007	JUN	3	1311	20.50	19	25.90	155	18.94	7.42	22	.09	.5	1.0	INT		1.3X	147		3
2007	JUN	3	1311	44.05	19	25.77	155	19.19	7.30	26	.10	.4	.9	KAO		1.6X	144		3
2007	JUN	3	1509	8.18	19	25.92	155	18.83	7.76	25	.09	.5	.8	INT		1.3X	146		2
2007	JUN	3	1650	28.93	19	19.07	155	10.48	8.63	40	.08	.4	.5	SF3		1.5X	110		5
2007	JUN	3	1942	34.73	19	13.29	155	33.82	8.08	38	.13	.3	.9	LSW		1.7X		81	7
2007	JUN	3	2008	17.95	19	24.39	155	29.59	9.60	44	.10	.3	.6	KAO		1.7X		42	5
2007	JUN	3	2106	5.45	19	19.60	155	10.19	8.34	39	.11	.5	.6	SF3		1.6X		95	6
2007	JUN	3	2146	36.93	19	23.73	155	29.83	10.75	25	.09	.4	1.0	KAO		1.2X		62	4
2007	JUN	4	0151	7.06	19	13.20	155	27.69	9.22	50	.17	.5	.6	LSW	F	4.1U	106		5
2007	JUN	4	0541	9.50	19	16.09	155	27.18	10.56	46	.11	.3	.4	LSW		1.9X	100		5
2007	JUN	4	0541	38.41	19	16.21	155	27.14	7.72	31	.12	.4	1.2	LSW		1.6X	100		6
2007	JUN	4	0631	48.21	19	22.64	155	17.42	1.90	18	.09	.3	.3	SSC		1.4X		53	2
2007	JUN	4	1002	21.37	19	22.30	155	14.12	3.35	16	.09	.4	.4	SEC		1.5X		91	2
2007	JUN	4	1018	38.90	19	22.31	155	49.35	10.35	16	.13	.6	1.4	KON		1.9X	119		13
2007	JUN	4	1037	8.95	19	23.20	155	16.95	2.90	32	.10	.3	.2	SSC		2.3X		41	0
2007	JUN	4	1102	43.48	19	21.73	155	11.00	3.24	22	.07	.4	.5	SER		1.7X		83	2
2007	JUN	4	1349	57.64	19	19.61	155	8.17	7.23	35	.08	.4	.8	SF4		1.6X	135		4
2007	JUN	4	1401	24.58	19	23.10	155	16.98	2.85	17	.08	.3	.2	SSC		1.4X		64	1
2007	JUN	4	1439	35.51	19	10.87	155	28.88	7.92	43	.14	.4	.6	LSW		2.1X	121		3
2007	JUN	4	2016	22.43	19	20.09	155	12.03	7.67	40	.11	.4	.6	SF3		1.2X		80	5
2007	JUN	4	2259	19.10	19	11.61	155	30.08	9.31	35	.09	.4	.6	LSW		1.7X	147		5
2007	JUN	5	0009	21.08	19	53.20	156	4.38	39.25	24	.09	1.2	2.2	HUA		2.2X	287		33
2007	JUN	5	0109	29.45	19	23.20	155	14.68	3.27	16	.10	.5	.3	SEC		1.4X	125		3
2007	JUN	5	0117	12.88	19	20.25	155	11.65	8.37	47	.10	.4	.4	SF3		2.3X		80	5
2007	JUN	5	0132	46.94	19	22.70	155	17.06	2.30	31	.11	.3	.2	SSC		2.0X		50	1
2007	JUN	5	0150	26.90	19	15.26	155	33.18	8.24	25	.14	.4	.9	LSW		1.2X	106		5

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 35
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	5	0237	4.55	19	38.56	155	5.72	10.69	32	.14	.4	.9	HIL	1.7X	92	10
2007	JUN	5	0609	32.10	19	23.07	155	17.00	2.92	26	.11	.3	.2	SSC	1.8X	48	1
2007	JUN	5	1425	24.02	19	19.18	155	0.06	25.18	21	.08	1.5	1.5	DEP	1.5X	233	11
2007	JUN	5	1519	25.99	19	10.98	155	28.58	7.52	42	.14	.4	.8	LSW	2.1X	84	3
2007	JUN	5	1634	4.77	19	11.55	155	20.93	46.61	33	.09	.8	1.2	DEP	1.8X	172	12
2007	JUN	5	1634	50.84	19	10.96	155	21.02	48.26	33	.13	1.5	1.1	DEP	1.9X	234	14
2007	JUN	5	1640	19.89	19	11.11	155	23.73	51.42	21	.11	1.8	1.4	DEP	2.0X	246	17
2007	JUN	5	2234	52.36	18	53.55	155	12.90	45.86	21	.11	1.6	3.0	LOI	1.9X	274	39
2007	JUN	5	2347	58.48	19	21.27	155	4.35	8.61	38	.10	.6	.4	SF5	2.0X	168	6
2007	JUN	6	0021	59.11	19	20.48	155	11.71	5.17	19	.12	.5	1.3	SF3	1.1X	78	5
2007	JUN	6	0158	4.32	18	53.15	155	12.91	27.63	36	.10	1.4	3.0	LOI	1.7X	258	40
2007	JUN	6	0411	34.24	19	15.78	155	27.70	9.26	39	.19	.5	.7	LSW	1.5X	97	4
2007	JUN	6	0440	53.53	19	21.74	155	10.30	2.77	30	.10	.3	.3	SER	1.8X	81	2
2007	JUN	6	0959	33.03	19	18.57	155	15.52	6.89	21	.09	.5	1.2	SF1	1.2X	131	4
2007	JUN	6	1113	25.73	19	25.34	155	26.32	2.50	23	.12	.3	.9	KAO	1.4X	63	6
2007	JUN	6	1143	27.57	19	28.49	155	27.21	7.97	37	.13	.3	1.0	KAO	1.8X	46	7
2007	JUN	6	1144	27.54	19	19.80	155	7.53	8.02	34	.09	.4	.6	SF4	1.9X	155	5
2007	JUN	6	1319	43.83	19	23.26	155	14.76	3.47	20	.08	.3	.4	SEC	1.9X	68	3
2007	JUN	6	1714	43.00	19	20.17	155	8.25	8.42	29	.09	.4	.7	SF4	1.5X	113	5
2007	JUN	6	1802	18.06	19	36.66	156	20.37	33.80	22	.13	1.9	3.7	DIS	2.0X	311	46
2007	JUN	7	0007	49.27	19	22.59	155	17.20	2.43	14	.07	.5	.3	SSC	1.4X	150	2
2007	JUN	7	0024	17.12	19	22.76	155	14.51	2.99	18	.09	.4	.4	SEC	1.5X	81	2
2007	JUN	7	0055	58.23	19	41.29	155	16.05	30.86	46	.11	.6	1.1	KEA	2.2X	105	22
2007	JUN	7	0103	2.97	19	22.84	155	17.08	2.13	20	.10	.3	.2	SSC	1.5X	135	1
2007	JUN	7	0103	9.32	19	22.18	155	17.55	2.24	27	.13	.2	.3	SSC	1.9X	57	2
2007	JUN	7	0236	27.91	19	21.81	155	4.56	7.56	39	.13	.5	.4	SF5	2.0X	157	5
2007	JUN	7	0504	8.41	19	13.17	155	57.61	41.80	43	.10	.7	1.2	KON	1.9X	238	11
2007	JUN	7	0613	34.56	19	19.40	155	8.88	4.34	23	.12	.8	2.7	SSF	1.0X	97	4
2007	JUN	7	0717	9.41	19	21.81	155	5.00	7.92	17	.10	.8	1.3	SF5	1.6X	153	5
2007	JUN	7	0717	15.86	19	24.73	155	38.03	2.76	16	.14	.4	.3	MLO	1.3X	74	1
2007	JUN	7	0739	36.13	19	23.04	155	14.65	2.07	15	.11	.3	.4	SEC	1.4X	117	2
2007	JUN	7	1036	55.81	19	22.35	155	26.41	12.66	34	.10	.5	.7	KAO	1.5X	61	2
2007	JUN	7	1041	41.50	19	22.45	155	26.22	11.81	17	.12	.6	1.1	KAO	1.2X	137	2
2007	JUN	7	1349	16.27	19	24.81	155	19.44	6.20	26	.08	.4	.8	KAO	1.2X	107	2
2007	JUN	7	1413	47.44	19	17.41	155	8.46	42.86	25	.07	1.1	1.4	DEP	1.6U	151	1
2007	JUN	7	1908	22.32	20	0.33	155	43.10	4.80	18	.13	1.0	1.1	KOH	1.6X	135	15
2007	JUN	7	1924	45.88	19	27.88	155	8.23	15.26	12	.18	3.0	1.3	DEP	2.2X	327	12
2007	JUN	7	1938	10.32	19	17.29	155	23.56	2.79	19	.15	.6	.9	SWR	1.2X	169	5
2007	JUN	7	2053	25.14	19	29.29	155	36.97	9.67	24	.12	.5	.7	MLO	1.3X	108	2
2007	JUN	7	2120	56.59	19	23.01	155	14.71	2.81	33	.12	.3	.3	SEC	1.9X	50	2
2007	JUN	7	2121	8.56	19	21.11	155	15.02	2.08	26	.10	.2	.4	KOA	1.9X	88	3
2007	JUN	7	2213	48.00	19	27.09	155	51.24	9.83	15	.20	1.1	2.4	KON	.6X	116	8
2007	JUN	7	2217	43.66	19	29.75	155	28.38	5.58	18	.08	.4	1.9	KAO	1.4X	87	4
2007	JUN	7	2241	14.82	19	19.52	155	11.63	4.12	24	.12	.5	1.7	SSF	1.2X	94	6
2007	JUN	8	0514	48.98	19	22.40	155	14.21	3.33	15	.08	.5	.3	SEC	1.5X	88	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 36
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	8	0841	24.22	19	22.84	155	17.25	2.51	13	.05	.3	.3	SSC	1.4X	74	1
2007	JUN	8	0923	54.70	19	22.41	155	17.09	3.27	22	.08	.3	.3	SSC	1.7X	98	2
2007	JUN	8	1731	13.70	19	12.15	155	36.88	4.60	42	.17	.4	1.9	LSW	2.6X	87	13
2007	JUN	8	1812	6.67	19	24.87	155	18.90	4.62	25	.09	.4	.7	SNC	1.4X	106	2
2007	JUN	8	1824	7.29	19	12.22	155	28.33	6.97	39	.14	.4	.9	LSW	2.1X	95	5
2007	JUN	8	1832	57.99	19	18.74	155	15.40	4.97	29	.10	.4	1.7	SSF	1.5X	123	5
2007	JUN	8	2357	10.11	19	22.87	155	17.32	2.46	20	.12	.4	.3	SSC	1.7X	50	1
2007	JUN	9	0651	12.60	19	23.22	155	14.72	3.09	47	.12	.3	.3	SEC	2.4X	47	3
2007	JUN	9	1526	23.04	19	10.59	155	40.55	3.15	42	.18	.4	1.3	LSW	2.0X	83	10
2007	JUN	9	1955	31.25	20	6.46	157	24.45	24.85	26	.09	2.2	6.3	DIS	2.8X	324	170
2007	JUN	9	1958	51.29	19	19.92	155	8.04	7.00	40	.10	.4	.5	SF4	1.8X	119	5
2007	JUN	9	2225	13.40	19	37.61	155	12.67	13.08	35	.11	.3	.6	KEA	1.8X	91	21
2007	JUN	9	2249	25.06	19	32.84	155	47.77	7.73	19	.13	.7	1.2	KON	1.6X	101	5
2007	JUN	10	0133	41.98	19	23.26	155	17.00	2.89	39	.10	.3	.2	SSC	2.1X	46	0
2007	JUN	10	0159	19.45	19	31.28	155	51.69	5.58	17	.08	.7	2.3	KON	1.3U	128	7
2007	JUN	10	0506	17.96	19	27.86	155	54.44	16.56	19	.13	1.5	2.0	KON	1.1X	167	3
2007	JUN	10	0523	31.40	19	20.13	155	7.51	6.32	28	.11	.4	.9	SF4	1.3X	130	5
2007	JUN	10	0542	46.37	19	21.57	155	18.34	3.01	21	.08	.3	.6	SWR	1.5X	69	4
2007	JUN	10	0919	13.07	19	23.95	155	15.99	3.08	20	.06	.3	.2	SEC	1.8X	111	1
2007	JUN	10	1229	7.78	19	12.93	155	36.94	0.91	43	.13	.3	.3	LSW	1.9X	82	13
2007	JUN	10	1600	53.22	19	28.67	155	24.13	11.57	27	.09	.5	.8	KAO	1.5X	78	3
2007	JUN	10	1625	53.90	19	18.03	155	15.18	8.85	25	.08	.5	1.0	SF1	1.2X	148	4
2007	JUN	10	1847	36.09	19	20.24	155	13.28	7.25	32	.10	.4	.7	SF2	1.3X	86	4
2007	JUN	10	2027	22.56	19	19.27	155	9.87	6.93	36	.08	.4	.7	SF3	1.3X	101	5
2007	JUN	11	0335	47.56	19	22.36	155	16.96	2.98	24	.09	.3	.3	SSC	1.8X	61	2
2007	JUN	11	0834	18.70	19	18.72	155	6.63	6.85	34	.10	.8	1.1	SF4	1.9X	238	9
2007	JUN	11	1116	5.22	19	25.15	155	19.38	6.28	31	.09	.4	.8	KAO	1.5X	119	3
2007	JUN	11	1401	16.91	19	18.03	155	15.65	7.41	36	.09	.4	.8	SF1	1.5X	118	4
2007	JUN	11	1555	2.69	19	23.44	155	17.14	2.68	24	.10	.3	.2	SSC	1.2X	59	0
2007	JUN	11	2102	22.15	18	52.26	155	5.99	40.19	39	.10	1.2	2.6	LOI	2.0X	266	46
2007	JUN	11	2116	10.83	19	25.47	155	39.31	2.79	19	.05	.4	.6	MLO	1.2X	120	3
2007	JUN	11	2344	16.18	19	23.28	155	15.05	3.40	38	.10	.3	.3	SEC	2.0X	50	2
2007	JUN	12	0039	22.21	19	17.46	155	30.28	3.03	45	.12	.3	1.0	LSW	1.6X	72	10
2007	JUN	12	0320	43.98	18	57.37	155	21.10	45.41	35	.10	1.2	1.6	LOI	1.7X	238	25
2007	JUN	12	0327	13.35	19	37.18	155	35.77	13.52	37	.11	.5	.3	KEA	1.4X	99	12
2007	JUN	12	0544	40.52	19	20.93	155	6.25	9.58	38	.09	.4	.4	SF4	1.6X	146	5
2007	JUN	12	0819	2.06	19	19.35	155	10.39	8.20	40	.07	.3	.4	SF3	1.9X	102	6
2007	JUN	12	1711	16.28	19	27.09	155	26.23	11.27	39	.12	.4	.5	KAO	1.8X	49	7
2007	JUN	12	2323	46.66	19	54.91	156	3.83	42.38	51	.09	.9	1.2	HUA F	2.9X	247	35
2007	JUN	13	0531	57.02	19	22.96	155	17.03	2.79	12	.07	.4	.3	SSC	1.2X	80	1
2007	JUN	13	1040	50.84	19	18.17	154	58.15	40.80	23	.07	3.0	3.0	LER	1.8X	243	15
2007	JUN	13	1836	56.35	19	27.72	154	51.53	2.60	36	.16	1.3	1.1	SLE F	2.5X	270	7
2007	JUN	13	2131	27.68	19	23.34	155	17.10	2.89	22	.08	.3	.2	SSC	1.8X	53	0
2007	JUN	13	2143	17.36	19	29.35	155	27.28	7.52	34	.13	.3	.9	KAO	1.7X	69	5
2007	JUN	14	0220	33.19	19	22.49	155	14.09	3.32	15	.06	.4	.4	SEC	1.5X	88	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 37
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	JUN	14	0328	4.69	19	24.49	155	1.39	3.38	19	.11	.8	1.0	SME		1.6X	147	5
2007	JUN	14	0439	8.29	19	19.97	155	8.06	9.40	51	.10	.4	.3	SF4	F	3.0X	118	5
2007	JUN	14	0441	58.87	19	19.85	155	8.13	1.86	25	.08	.3	.7	SSF		1.8X	117	5
2007	JUN	14	0510	50.91	19	19.33	155	8.06	7.82	33	.10	.5	.7	SF4		1.6X	120	4
2007	JUN	14	0937	9.86	19	22.75	155	17.39	1.45	31	.12	.2	.3	SSC		2.1X	48	1
2007	JUN	14	0938	35.40	19	22.28	155	17.65	1.68	13	.06	.3	.4	SSC		1.4X	88	2
2007	JUN	14	1351	23.26	19	29.95	155	49.36	7.94	29	.13	.5	.7	KON		2.0X	92	6
2007	JUN	14	1852	41.40	19	24.94	155	37.36	2.55	35	.11	.3	.3	MLO		2.4X	67	1
2007	JUN	14	2103	57.25	19	25.92	155	37.40	2.99	29	.13	.3	.5	MLO		2.1X	81	3
2007	JUN	15	0314	57.30	20	5.94	156	1.39	9.10	22	.07	2.5	.9	KOH		2.3X	272	26
2007	JUN	15	1128	36.44	19	13.46	155	24.96	46.73	47	.11	.8	1.0	DEP		2.5X	139	9
2007	JUN	15	1240	15.81	19	23.26	155	17.09	2.81	14	.06	.3	.3	SSC		1.6X	59	0
2007	JUN	15	2147	24.15	19	22.38	155	13.99	3.28	18	.06	.4	.3	SEC		2.0X	91	2
2007	JUN	16	0209	15.14	19	18.97	155	13.48	6.46	31	.10	.4	.9	SF2		1.5X	72	4
2007	JUN	16	1124	21.98	19	9.24	155	38.13	0.33	26	.11	.4	.4	LSW		1.9X	104	14
2007	JUN	16	1326	15.61	19	38.95	156	11.51	32.58	21	.10	1.5	2.3	KON		1.6X	302	34
2007	JUN	17	0216	22.57	19	21.82	155	12.89	1.62	40	.11	.2	.3	SER		2.3X	57	2
2007	JUN	17	0216	51.02	19	21.26	155	12.36	1.53	26	.09	.2	.4	SER		2.2X	81	3
2007	JUN	17	0217	40.56	19	21.96	155	12.65	3.24	39	.11	.3	.3	SER		2.3X	59	1
2007	JUN	17	0219	51.38	19	21.86	155	12.91	1.19	33	.12	.3	.4	SER		2.0X	98	5
2007	JUN	17	0222	11.00	19	22.15	155	12.76	4.46	50	.12	.4	.6	SER		2.6X	59	1
2007	JUN	17	0224	2.06	19	22.37	155	12.50	6.05	23	.12	.5	.9	SF2		2.2X	81	1
2007	JUN	17	0225	5.11	19	21.74	155	13.05	1.61	44	.10	.3	.4	SER	F	2.2X	110	2
2007	JUN	17	0228	35.14	19	21.88	155	12.70	2.15	36	.11	.3	.3	SER		2.3X	59	2
2007	JUN	17	0229	1.67	19	22.33	155	13.58	2.23	20	.09	.5	.3	SER		2.1X	96	1
2007	JUN	17	0229	11.27	19	22.70	155	12.21	2.61	25	.13	.5	.3	SER		2.2X	118	2
2007	JUN	17	0230	27.23	19	21.72	155	12.94	0.03	24	.12	.3	.6	SER	#	1.9X	77	2
2007	JUN	17	0231	2.41	19	21.73	155	12.83	2.33	24	.09	.3	.4	SER	L	2.1X	58	2
2007	JUN	17	0232	15.67	19	21.93	155	12.68	2.89	43	.12	.3	.3	SER		2.3X	59	1
2007	JUN	17	0233	48.88	19	21.86	155	12.94	2.98	24	.09	.3	.4	SER		2.0X	81	1
2007	JUN	17	0235	15.85	19	21.78	155	12.70	2.61	27	.07	.3	.3	SER	L	2.3X	59	2
2007	JUN	17	0237	39.10	19	21.72	155	12.67	2.76	23	.07	.3	.4	SER		2.2X	90	2
2007	JUN	17	0237	54.16	19	21.87	155	13.26	2.27	27	.12	.5	.4	SER		2.3X	102	1
2007	JUN	17	0238	41.56	19	22.40	155	12.76	3.30	16	.07	.5	.4	SER	L	2.1X	109	1
2007	JUN	17	0239	9.54	19	21.77	155	12.54	2.15	18	.08	.5	.4	SER	L	1.9X	102	2
2007	JUN	17	0240	48.38	19	21.93	155	12.64	2.71	20	.09	.4	.4	SER		2.3X	100	2
2007	JUN	17	0241	24.88	19	21.87	155	13.39	1.35	15	.12	.4	.5	SER		2.1X	56	1
2007	JUN	17	0242	45.27	19	22.19	155	12.50	3.16	39	.09	.3	.3	SER	L	2.5U	61	1
2007	JUN	17	0246	33.72	19	22.07	155	12.65	3.15	44	.10	.3	.3	SER	L	2.4X	60	1
2007	JUN	17	0247	27.20	19	21.92	155	12.65	2.83	34	.08	.3	.3	SER		2.4X	59	2
2007	JUN	17	0248	20.16	19	22.27	155	12.57	2.91	14	.07	.7	.3	SER		2.3X	130	1
2007	JUN	17	0249	4.19	19	21.92	155	12.67	3.13	46	.11	.3	.3	SER		2.6X	59	1
2007	JUN	17	0250	31.28	19	21.87	155	12.69	2.81	43	.10	.2	.3	SER		2.3X	59	2
2007	JUN	17	0252	1.32	19	22.01	155	12.58	2.93	26	.07	.3	.3	SER	L	2.5X	102	1
2007	JUN	17	0252	45.75	19	21.84	155	12.73	2.63	46	.10	.3	.2	SER		3.0X	58	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 38
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	JUN	17	0254	22.75	19	21.60	155	11.62	7.14	19	.07	.5	.7	SF3		2.6X	102	3
2007	JUN	17	0255	39.36	19	21.83	155	12.39	2.70	12	.03	1.1	.4	SER		2.3X	209	2
2007	JUN	17	0256	35.10	19	22.43	155	14.16	3.26	22	.09	.4	.3	SEC		2.1X	89	2
2007	JUN	17	0257	23.33	19	21.74	155	12.56	1.49	14	.07	.3	.4	SER		2.0X	94	2
2007	JUN	17	0257	38.70	19	21.57	155	13.89	1.73	16	.08	.3	.6	SER		2.0X	57	2
2007	JUN	17	0257	50.78	19	21.65	155	12.61	1.84	17	.10	.4	.5	SER		2.0X	89	2
2007	JUN	17	0258	4.96	19	21.29	155	12.41	1.88	11	.06	.5	.7	SER		2.4X	129	3
2007	JUN	17	0258	27.12	19	22.70	155	13.13	2.81	13	.15	.7	.4	SER		2.0X	112	0
2007	JUN	17	0259	53.83	19	21.82	155	12.31	2.97	18	.06	.4	.4	SER		2.4X	98	2
2007	JUN	17	0300	25.11	19	21.91	155	12.71	2.39	41	.10	.3	.3	SER		2.7X	59	1
2007	JUN	17	0301	3.74	19	21.83	155	12.77	2.71	19	.07	.4	.4	SER		1.3U	90	2
2007	JUN	17	0301	54.58	19	23.32	155	12.48	0.50	12	.11	.3	.6	SER		2.0X	134	2
2007	JUN	17	0302	7.12	19	21.69	155	12.78	3.02	14	.05	.4	.5	SER		2.2X	96	2
2007	JUN	17	0302	24.55	19	22.14	155	12.86	2.61	17	.06	.4	.3	SER		2.3X	100	1
2007	JUN	17	0303	18.81	19	23.16	155	11.34	2.14	24	.10	.6	.4	SER		2.6X	141	2
2007	JUN	17	0306	21.51	19	21.97	155	12.84	3.46	42	.10	.3	.4	SER		2.5X	58	1
2007	JUN	17	0307	55.71	19	20.42	155	12.66	0.26	15	.09	.3	.5	SSF		2.3X	110	4
2007	JUN	17	0308	8.58	19	21.90	155	13.45	2.87	12	.04	.4	.4	SER		2.2X	102	1
2007	JUN	17	0320	9.24	19	22.78	155	14.63	2.69	34	.09	.3	.2	SEC		2.5X	53	2
2007	JUN	17	0320	38.84	19	22.87	155	14.56	1.56	21	.06	.2	.3	SEC		2.4X	75	3
2007	JUN	17	0326	2.76	19	22.08	155	12.17	2.70	32	.08	.3	.3	SER		2.2X	63	2
2007	JUN	17	0329	37.83	19	21.92	155	12.82	3.19	37	.10	.3	.4	SER	L	2.4X	58	1
2007	JUN	17	0331	43.50	19	22.95	155	14.49	2.93	48	.12	.3	.3	SEC	F	3.0X	49	3
2007	JUN	17	0341	38.30	19	21.67	155	11.84	1.54	17	.10	.3	.5	SER		2.4X	93	3
2007	JUN	17	0348	50.79	19	21.80	155	13.46	1.92	20	.05	.3	.4	SER	L	2.1X	56	2
2007	JUN	17	0354	26.84	19	21.69	155	12.87	3.03	17	.04	.4	.5	SER		1.9X	80	2
2007	JUN	17	0356	24.57	19	22.03	155	13.19	2.18	24	.08	.4	.3	SER		2.5U	67	1
2007	JUN	17	0400	48.79	19	22.01	155	12.83	3.23	38	.12	.3	.3	SER	L	2.2X	59	1
2007	JUN	17	0410	0.36	19	22.14	155	14.18	4.64	13	.08	1.1	.7	SEC	L	1.9X	200	2
2007	JUN	17	0410	11.28	19	22.24	155	13.34	1.87	13	.08	.6	.3	SER		2.0X	195	1
2007	JUN	17	0410	27.56	19	22.73	155	12.63	1.33	13	.08	.6	.2	SER		1.8X	167	1
2007	JUN	17	0411	55.76	19	21.84	155	13.53	3.18	43	.12	.3	.4	SER		2.0X	54	2
2007	JUN	17	0412	57.82	19	21.75	155	12.81	3.27	18	.08	.4	.5	SER		1.8X	84	2
2007	JUN	17	0413	49.65	19	22.66	155	12.68	1.73	17	.04	.4	.2	SER		1.5X	115	1
2007	JUN	17	0414	3.75	19	21.54	155	13.43	0.61	31	.10	.2	.3	SER	L	1.7X	56	2
2007	JUN	17	0414	27.36	19	22.97	155	14.84	3.14	37	.08	.3	.3	SEC		2.2X	49	2
2007	JUN	17	0414	40.48	19	22.92	155	14.71	3.18	46	.11	.2	.2	SEC		2.4X	49	2
2007	JUN	17	0417	25.46	19	21.77	155	12.21	2.50	20	.07	.3	.4	SER		2.0X	96	2
2007	JUN	17	0427	16.00	19	22.35	155	14.10	5.92	16	.09	.6	.8	INT		1.8X	78	2
2007	JUN	17	0427	30.51	19	22.45	155	13.94	3.38	18	.10	.4	.3	SER		2.0X	86	2
2007	JUN	17	0428	7.62	19	22.75	155	14.42	2.97	22	.12	.4	.3	SEC		1.9X	78	2
2007	JUN	17	0428	41.12	19	22.41	155	14.49	3.10	18	.10	.4	.3	SEC		1.7X	84	2
2007	JUN	17	0428	59.25	19	22.18	155	12.85	1.43	16	.06	.4	.2	SER		1.9X	110	1
2007	JUN	17	0429	21.94	19	22.02	155	12.37	1.06	16	.09	.3	.3	SER		1.9X	118	2
2007	JUN	17	0435	14.13	19	20.94	155	13.10	1.00	17	.09	.3	.6	SER		2.2X	60	3

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 39
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	17	0435	35.92	19	21.43	155	12.92	0.65	15	.10	.2	.5	SER	2.0X	70	2
2007	JUN	17	0440	11.06	19	21.46	155	13.56	1.08	20	.07	.2	.4	SER L	1.8X	57	2
2007	JUN	17	0440	59.84	19	21.60	155	12.01	1.81	17	.07	.3	.5	SER	1.8X	91	3
2007	JUN	17	0441	15.60	19	22.31	155	14.20	3.80	18	.10	.4	.4	SEC	1.8X	76	2
2007	JUN	17	0441	28.15	19	21.88	155	12.71	1.61	15	.07	.4	.3	SER	1.9X	95	2
2007	JUN	17	0441	52.41	19	21.76	155	12.72	2.63	16	.05	.4	.4	SER	1.6X	89	2
2007	JUN	17	0452	16.03	19	21.61	155	14.39	4.75	16	.13	.6	.9	KOA	1.6X	71	3
2007	JUN	17	0452	23.49	19	22.17	155	12.55	1.51	17	.08	.4	.2	SER	1.9X	107	1
2007	JUN	17	0457	28.38	19	21.60	155	12.24	3.87	16	.09	.6	.5	SER	1.7X	91	2
2007	JUN	17	0457	35.94	19	21.69	155	13.18	1.85	17	.09	.3	.4	SER	1.9X	65	2
2007	JUN	17	0457	56.84	19	21.85	155	13.02	3.15	16	.06	.4	.4	SER	1.9X	76	1
2007	JUN	17	0502	34.12	19	21.93	155	12.91	3.14	42	.12	.3	.3	SER	2.2X	58	1
2007	JUN	17	0503	29.91	19	22.31	155	14.13	1.69	18	.12	.4	.3	SEC L	2.1X	90	2
2007	JUN	17	0503	50.50	19	21.70	155	13.47	1.76	18	.07	.3	.4	SER	1.6X	56	2
2007	JUN	17	0510	26.60	19	21.84	155	14.04	1.30	18	.07	.3	.4	KOA	1.9X	56	2
2007	JUN	17	0510	37.08	19	21.26	155	12.98	1.38	17	.10	.2	.4	SER	1.9X	64	3
2007	JUN	17	0511	45.23	19	21.87	155	13.06	0.77	32	.09	.2	.3	SER L	2.1X	73	1
2007	JUN	17	0512	11.53	19	22.97	155	15.00	3.61	29	.10	.4	.4	SEC	2.1X	65	2
2007	JUN	17	0512	49.39	19	22.82	155	14.04	3.62	21	.08	.3	.3	SEC	2.0X	88	2
2007	JUN	17	0522	38.94	20	12.15	156	6.81	23.96	23	.11	1.2	3.5	KOH F	2.4X	297	36
2007	JUN	17	0523	0.39	19	21.33	155	13.25	0.13	15	.11	.3	.4	SER L	2.1X	114	2
2007	JUN	17	0524	55.79	19	22.19	155	13.02	2.04	20	.08	.4	.2	SER L	1.8X	85	1
2007	JUN	17	0528	40.78	19	22.93	155	14.45	2.90	17	.07	.3	.3	SEC	1.7X	78	2
2007	JUN	17	0532	14.64	19	23.23	155	13.70	5.54	15	.12	.6	.9	SF2	1.7X	104	2
2007	JUN	17	0532	26.02	19	21.59	155	13.35	1.49	16	.07	.3	.4	SER	1.8X	58	2
2007	JUN	17	0532	41.23	19	21.99	155	13.75	1.74	16	.08	.3	.3	SER	1.5X	55	2
2007	JUN	17	0533	0.85	19	21.43	155	13.46	10.31	14	.11	.7	1.1	SF2	1.9X	58	2
2007	JUN	17	0539	24.46	19	21.86	155	13.93	1.82	21	.06	.3	.3	SER	1.9X	55	2
2007	JUN	17	0540	1.06	19	21.67	155	13.75	1.42	17	.10	.3	.4	SER L	1.3X	56	2
2007	JUN	17	0541	52.31	19	22.26	155	12.98	3.58	20	.11	.6	.4	SER	2.0X	93	1
2007	JUN	17	0542	10.27	19	22.28	155	13.92	3.14	23	.08	.4	.3	SER	2.0X	75	2
2007	JUN	17	0544	7.86	19	22.09	155	13.55	3.31	40	.10	.3	.3	SER	2.3X	53	1
2007	JUN	17	0545	13.27	19	21.86	155	13.38	2.03	16	.10	.4	.4	SER L	1.7X	106	1
2007	JUN	17	0547	12.81	19	21.67	155	11.86	1.51	18	.12	.3	.5	SER	1.4X	92	3
2007	JUN	17	0547	38.14	19	21.97	155	13.31	2.07	18	.12	.4	.4	SER L	2.0X	58	1
2007	JUN	17	0550	25.08	19	22.10	155	12.90	1.75	22	.09	.4	.2	SER	2.1X	94	1
2007	JUN	17	0551	40.26	19	21.57	155	12.77	2.38	23	.13	.3	.4	SER	1.8X	80	2
2007	JUN	17	0551	51.61	19	21.37	155	14.38	5.22	17	.14	.6	1.1	SF2	2.0X	95	3
2007	JUN	17	0552	8.32	19	23.04	155	14.81	3.32	17	.06	.3	.4	SEC	1.9X	78	2
2007	JUN	17	0552	38.88	19	24.43	155	17.28	1.50	17	.09	.3	.2	SSC	1.5X	101	2
2007	JUN	17	0553	24.08	19	22.30	155	13.53	3.05	12	.10	.6	.3	SER	1.7X	68	1
2007	JUN	17	0556	53.36	19	22.84	155	14.47	3.99	19	.09	.4	.4	SEC	1.7X	77	2
2007	JUN	17	0558	13.74	19	23.23	155	14.51	3.06	17	.10	.4	.4	SEC	1.7X	77	3
2007	JUN	17	0607	19.60	19	21.90	155	12.73	2.78	21	.09	.4	.3	SER	2.1X	59	1
2007	JUN	17	0607	28.85	19	23.08	155	12.98	1.76	17	.09	.4	.2	SER	1.9X	119	1

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 40
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	17	0607	38.17	19	22.16	155	13.71	3.50	16	.11	.6	.4	SER	1.7X	64	1
2007	JUN	17	0607	52.38	19	21.61	155	13.17	3.14	15	.08	.5	.4	SER	1.8X	64	2
2007	JUN	17	0615	0.20	19	21.76	155	13.07	3.00	19	.08	.4	.4	SER	1.9X	71	2
2007	JUN	17	0615	17.55	19	22.28	155	14.11	3.02	19	.08	.4	.3	SEC	1.9X	74	2
2007	JUN	17	0615	38.53	19	22.53	155	13.95	3.97	30	.10	.4	.3	SER L	1.9X	87	1
2007	JUN	17	0616	12.28	19	22.96	155	14.82	3.28	40	.09	.2	.3	SEC L	2.3X	49	2
2007	JUN	17	0617	31.15	19	22.06	155	13.53	2.96	38	.12	.3	.3	SER	2.4X	54	1
2007	JUN	17	0619	37.13	19	21.96	155	14.10	0.88	19	.11	.2	.4	KOA	2.0X	59	2
2007	JUN	17	0623	18.06	19	21.99	155	13.41	2.54	34	.10	.3	.3	SER	2.2X	54	1
2007	JUN	17	0623	48.54	19	22.27	155	13.21	1.81	14	.09	.4	.2	SER	1.7X	62	1
2007	JUN	17	0638	23.69	19	21.99	155	12.04	2.42	44	.12	.2	.3	SER	2.4X	64	2
2007	JUN	17	0639	41.68	19	22.03	155	13.36	1.50	38	.10	.3	.2	SER	2.2X	55	1
2007	JUN	17	0643	42.28	19	21.76	155	12.94	1.36	20	.10	.3	.4	SER	1.9X	79	2
2007	JUN	17	0643	46.07	19	21.75	155	13.17	0.63	31	.11	.2	.3	SER	2.0X	55	2
2007	JUN	17	0648	13.19	20	3.58	156	32.10	32.92	23	.09	1.8	4.5	DIS	2.3X	317	84
2007	JUN	17	0648	50.47	19	22.06	155	12.77	2.96	12	.04	.4	.4	SER	1.8X	113	1
2007	JUN	17	0649	56.54	19	22.15	155	13.89	1.51	22	.09	.3	.3	SER	2.0X	66	2
2007	JUN	17	0655	29.11	19	22.00	155	12.87	2.96	41	.10	.3	.3	SER	2.3X	58	1
2007	JUN	17	0656	25.41	19	23.09	155	14.45	2.92	15	.08	.3	.4	SEC	1.7X	84	3
2007	JUN	17	0659	26.87	19	22.30	155	12.67	1.26	18	.11	.4	.2	SER L	2.2X	108	1
2007	JUN	17	0702	5.42	19	21.96	155	13.29	1.45	43	.13	.3	.3	SER	2.2X	55	1
2007	JUN	17	0702	52.01	19	21.77	155	13.09	1.26	24	.07	.2	.3	SER	2.1X	70	2
2007	JUN	17	0704	20.56	19	21.91	155	12.98	1.74	18	.08	.3	.3	SER	2.1X	81	1
2007	JUN	17	0707	24.61	19	21.90	155	13.31	1.69	18	.08	.3	.3	SER L	1.7X	58	1
2007	JUN	17	0707	32.40	19	21.88	155	12.27	1.28	14	.12	.4	.5	SER	1.8X	122	2
2007	JUN	17	0707	49.56	19	22.86	155	14.27	3.17	19	.10	.4	.3	SEC	1.5X	86	2
2007	JUN	17	0710	20.27	19	22.01	155	13.99	1.57	22	.08	.3	.4	KOA	1.8X	60	2
2007	JUN	17	0710	26.83	19	22.24	155	13.29	2.03	25	.10	.3	.2	SER	2.0X	103	1
2007	JUN	17	0710	50.78	19	22.07	155	12.47	1.37	20	.07	.4	.2	SER	2.0X	106	1
2007	JUN	17	0716	56.48	19	21.57	155	11.21	3.65	17	.10	.6	.6	SER	1.8X	139	3
2007	JUN	17	0717	12.77	19	21.79	155	11.77	2.87	18	.06	.4	.4	SER	1.6X	97	3
2007	JUN	17	0720	20.49	19	21.41	155	12.60	2.15	15	.09	.3	.6	SER	1.8X	80	2
2007	JUN	17	0721	7.36	19	22.73	155	14.33	3.33	17	.12	.4	.4	SEC	1.8X	80	2
2007	JUN	17	0732	58.33	19	21.85	155	13.14	0.99	36	.11	.2	.2	SER L	2.1X	56	1
2007	JUN	17	0738	25.01	19	22.03	155	11.85	2.99	29	.10	.3	.3	SER	1.9X	106	2
2007	JUN	17	0744	20.42	19	21.70	155	12.35	3.39	26	.08	.4	.4	SER	1.8X	94	2
2007	JUN	17	0744	43.23	19	22.26	155	11.72	3.80	35	.07	.3	.4	SER	2.1X	67	3
2007	JUN	17	0748	24.92	19	21.58	155	13.04	0.26	20	.10	.2	.4	SER L	2.2X	69	2
2007	JUN	17	0751	9.16	19	21.90	155	11.74	2.29	19	.08	.4	.4	SER	1.7X	100	3
2007	JUN	17	0753	18.02	19	23.20	155	12.78	5.26	18	.15	.7	.7	SF2	1.6X	126	1
2007	JUN	17	0753	47.27	19	21.56	155	12.58	0.94	17	.09	.2	.4	SER	2.0X	86	2
2007	JUN	17	0754	16.14	19	21.83	155	11.61	2.29	22	.08	.3	.3	SER	2.2X	97	3
2007	JUN	17	0755	15.57	19	22.62	155	11.97	3.53	28	.08	.4	.3	SER	2.0X	124	2
2007	JUN	17	0756	21.36	19	23.68	155	9.75	10.09	19	.13	.9	.7	SF3	2.2X	158	2
2007	JUN	17	0756	50.20	19	21.76	155	11.98	2.32	23	.09	.3	.3	SER	2.1X	96	3

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 41
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	17	0757	23.70	19	22.03	155	11.88	2.57	40	.11	.3	.2	SER L	2.1X	65	2
2007	JUN	17	0758	50.96	19	22.21	155	11.90	3.05	25	.07	.4	.3	SER	2.0X	114	2
2007	JUN	17	0759	41.05	19	23.57	155	11.32	4.01	21	.10	.4	.5	SER	2.1X	143	3
2007	JUN	17	0800	24.49	19	22.24	155	14.20	2.05	21	.06	.2	.3	SEC L	2.2X	71	2
2007	JUN	17	0801	28.33	19	21.88	155	11.85	1.99	39	.11	.3	.2	SER L	2.1X	65	3
2007	JUN	17	0801	55.06	19	22.35	155	11.90	3.07	28	.13	.4	.3	SER	2.1X	118	2
2007	JUN	17	0802	18.55	19	21.95	155	11.97	1.94	20	.16	.4	.5	SER	2.0X	103	2
2007	JUN	17	0802	37.26	19	24.46	155	11.91	0.48	16	.13	.4	.4	SER	2.1X	170	4
2007	JUN	17	0804	22.53	19	21.99	155	11.92	2.86	42	.12	.3	.4	SER	3.3U	65	2
2007	JUN	17	0805	36.15	19	21.87	155	10.97	2.65	26	.08	.3	.3	SER	2.1X	88	2
2007	JUN	17	0808	9.24	19	22.54	155	11.11	2.65	38	.13	.4	.3	SER	2.2X	72	2
2007	JUN	17	0808	25.81	19	20.76	155	10.44	0.42	17	.07	.3	.4	SER	2.1X	150	4
2007	JUN	17	0808	46.31	19	22.21	155	12.01	2.19	24	.12	.4	.3	SER	1.9X	113	2
2007	JUN	17	0810	8.73	19	22.06	155	11.18	2.59	40	.11	.3	.2	SER	2.1X	71	2
2007	JUN	17	0810	37.01	19	21.74	155	11.45	2.04	23	.10	.3	.3	SER L	2.2X	103	3
2007	JUN	17	0811	1.93	19	22.02	155	11.22	2.52	19	.09	.5	.3	SER	1.7X	100	2
2007	JUN	17	0811	13.80	19	25.04	155	11.45	0.03	17	.08	.3	.4	SER #	1.8X	192	5
2007	JUN	17	0812	24.77	19	21.80	155	11.11	2.22	21	.06	.3	.4	SER	2.1X	89	2
2007	JUN	17	0812	40.94	19	21.66	155	11.18	1.59	17	.10	.3	.6	SER	2.0X	85	3
2007	JUN	17	0813	33.83	19	21.52	155	11.92	0.42	22	.12	.2	.4	SER	2.2X	88	3
2007	JUN	17	0813	47.42	19	21.52	155	10.95	1.62	18	.13	.4	.5	SER	2.1X	143	3
2007	JUN	17	0815	5.99	19	21.52	155	11.07	2.07	15	.09	.4	.6	SER	2.0X	78	3
2007	JUN	17	0815	20.98	19	21.90	155	10.88	2.66	16	.06	.4	.4	SER	1.9X	87	2
2007	JUN	17	0815	34.72	19	21.66	155	11.16	2.44	16	.08	.4	.5	SER	1.9X	84	3
2007	JUN	17	0815	48.18	19	22.02	155	11.21	2.27	15	.08	.5	.4	SER	1.8X	101	2
2007	JUN	17	0816	5.92	19	22.13	155	11.05	2.73	35	.11	.3	.3	SER	2.1X	84	2
2007	JUN	17	0818	34.22	19	21.79	155	12.24	2.64	46	.10	.3	.3	SER L	2.1X	62	2
2007	JUN	17	0818	56.28	19	22.66	155	15.01	0.41	45	.12	.2	.2	SEC L	2.8X	58	2
2007	JUN	17	0819	35.52	19	22.16	155	10.70	2.92	25	.08	.4	.3	SER	2.0X	92	1
2007	JUN	17	0821	34.13	19	21.98	155	10.99	2.32	35	.08	.3	.2	SER	2.2X	74	2
2007	JUN	17	0821	49.05	19	22.77	155	11.46	3.13	15	.09	.6	.4	SER	2.0X	131	2
2007	JUN	17	0854	25.91	19	21.18	155	10.22	0.27	39	.11	.3	.3	SER L	3.0X	80	3
2007	JUN	17	0855	27.22	19	21.53	155	9.86	2.23	44	.11	.3	.4	SER L	3.0X	85	2
2007	JUN	17	0857	50.16	19	21.13	155	8.37	0.02	24	.12	.2	.3	SSF L#	2.7X	107	4
2007	JUN	17	0903	54.10	19	21.22	155	12.67	0.30	48	.11	.2	.3	SER L	3.0X	61	3
2007	JUN	17	0905	4.81	19	21.59	155	12.29	1.93	23	.08	.3	.4	SER L	2.4X	91	2
2007	JUN	17	0927	51.80	19	21.95	155	10.30	3.03	18	.07	.5	.3	SER	2.0X	81	2
2007	JUN	17	0929	17.63	19	22.01	155	9.98	3.17	20	.10	.5	.4	SER	1.8X	84	1
2007	JUN	17	0942	5.32	19	22.49	155	10.25	3.11	22	.11	.6	.3	SER	2.0X	80	1
2007	JUN	17	0951	9.04	19	21.66	155	10.59	1.88	24	.07	.3	.3	SER	2.5X	77	2
2007	JUN	17	1000	4.06	19	21.87	155	10.24	2.34	43	.10	.2	.3	SER L	3.2U	81	2
2007	JUN	17	1005	24.71	19	22.18	155	10.27	2.90	27	.11	.4	.3	SER	1.9X	81	1
2007	JUN	17	1021	14.83	19	22.09	155	10.13	2.94	28	.10	.3	.3	SER	2.0X	82	1
2007	JUN	17	1029	27.73	19	21.83	155	9.97	2.04	16	.06	.4	.4	SER L	1.9X	84	2
2007	JUN	17	1047	51.90	19	22.12	155	10.06	3.08	14	.09	.6	.3	SER	1.8X	83	1

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 42
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	17	1053	47.23	19	21.96	155	10.39	2.66	16	.13	.5	.3	SER	1.7X	79	2
2007	JUN	17	1056	28.14	19	22.24	155	10.22	3.05	17	.04	.5	.3	SER	1.9X	81	1
2007	JUN	17	1100	28.82	19	22.67	155	10.95	2.92	20	.09	.5	.3	SER	1.8X	126	1
2007	JUN	17	1107	14.10	19	22.31	155	10.01	3.12	18	.08	.5	.3	SER	1.8X	83	1
2007	JUN	17	1114	7.89	19	21.90	155	12.27	2.27	20	.08	.3	.3	SER	2.0X	101	2
2007	JUN	17	1120	2.10	19	25.82	155	37.58	3.20	29	.12	.3	.4	MLO	2.0X	82	3
2007	JUN	17	1141	39.03	19	21.60	155	12.05	1.68	15	.07	.3	.5	SER	2.0X	91	3
2007	JUN	17	1147	47.61	19	21.87	155	12.50	2.20	23	.08	.3	.3	SER	2.0X	98	2
2007	JUN	17	1150	36.63	19	21.07	155	10.96	0.03	20	.12	.2	.3	SER #	1.9X	72	3
2007	JUN	17	1151	5.98	19	23.10	155	10.83	2.72	18	.07	.6	.3	SER	1.6X	142	1
2007	JUN	17	1152	6.48	19	22.21	155	10.36	2.64	16	.08	.5	.2	SER	1.9X	79	1
2007	JUN	17	1201	12.91	19	22.37	155	10.34	3.11	18	.07	.4	.3	SER	1.8X	80	1
2007	JUN	17	1211	10.65	19	22.07	155	10.05	2.23	35	.11	.3	.2	SER	2.1X	83	1
2007	JUN	17	1217	27.38	19	21.71	155	9.97	2.17	21	.12	.3	.4	SER	1.9X	84	2
2007	JUN	17	1222	9.49	19	22.29	155	10.21	2.58	31	.09	.3	.2	SER	2.2X	81	1
2007	JUN	17	1222	28.45	19	20.82	155	10.53	1.19	17	.10	.3	.6	SER	2.0X	84	4
2007	JUN	17	1226	17.89	19	22.22	155	9.91	3.44	43	.11	.3	.3	SER	2.6X	85	1
2007	JUN	17	1227	16.60	19	23.29	155	15.18	1.85	18	.09	.3	.3	SEC	1.7X	77	2
2007	JUN	17	1231	33.28	19	26.94	155	13.03	1.38	26	.12	.4	.5	GLN L	2.3X	194	5
2007	JUN	17	1246	18.55	19	21.99	155	10.09	2.83	16	.10	.5	.4	SER	1.8X	83	1
2007	JUN	17	1257	41.86	19	22.14	155	10.28	3.28	16	.07	.4	.3	SER	2.1X	81	1
2007	JUN	17	1300	35.68	19	22.65	155	14.54	0.72	24	.09	.2	.3	SEC L	2.0X	75	2
2007	JUN	17	1301	17.22	19	22.54	155	9.88	3.37	19	.10	.6	.3	SER	1.8X	117	1
2007	JUN	17	1414	58.17	19	22.62	155	10.06	3.99	38	.09	.3	.4	SER	1.9X	83	0
2007	JUN	17	1419	54.35	19	22.86	155	9.77	2.95	16	.09	.6	.3	SER	1.7X	127	1
2007	JUN	17	1425	53.93	19	22.50	155	9.90	4.11	21	.07	.4	.3	SER L	1.9X	111	1
2007	JUN	17	1455	31.98	19	22.83	155	13.78	2.24	15	.06	.4	.3	SER	1.8X	95	1
2007	JUN	17	1455	37.61	19	23.05	155	10.95	3.41	15	.13	.7	.4	SER	1.8X	141	1
2007	JUN	17	1523	59.28	19	22.84	155	11.03	2.53	16	.14	.6	.3	SER	2.6X	136	2
2007	JUN	17	1605	38.38	19	21.77	155	10.41	1.75	23	.09	.2	.3	SER	2.2X	86	2
2007	JUN	17	1621	12.42	19	22.14	155	11.52	2.54	15	.10	.5	.4	SER	1.9X	109	3
2007	JUN	17	1758	49.20	19	22.41	155	10.48	2.73	23	.10	.4	.3	SER	2.2X	78	1
2007	JUN	17	1815	25.36	19	23.17	155	14.62	1.10	46	.12	.2	.3	SEC F	4.0U	48	3
2007	JUN	17	1840	28.58	19	22.27	155	13.89	2.07	38	.12	.3	.2	SER	2.3X	52	2
2007	JUN	17	2010	5.63	19	22.74	155	10.24	3.00	18	.09	.5	.3	SER	2.1X	81	0
2007	JUN	17	2019	16.21	19	22.67	155	10.29	3.33	16	.08	.5	.3	SER	1.8X	84	0
2007	JUN	17	2019	29.23	19	22.01	155	9.41	2.03	19	.09	.3	.2	SER	1.9X	91	2
2007	JUN	17	2052	6.71	19	22.36	155	10.15	2.63	22	.09	.4	.3	SER	2.2X	82	1
2007	JUN	17	2107	29.13	19	20.20	155	12.80	8.52	47	.10	.4	.4	SF2	2.2X	71	4
2007	JUN	17	2157	5.37	19	21.75	155	8.92	3.51	19	.10	.4	.5	SER	2.0X	98	3
2007	JUN	17	2238	55.30	19	21.78	155	11.98	2.02	47	.11	.2	.3	SER	2.4X	64	2
2007	JUN	17	2256	23.32	19	25.48	155	15.76	2.21	44	.12	.2	.3	SNC F	2.5X	47	2
2007	JUN	17	2301	12.80	19	29.75	155	25.93	5.33	20	.15	.6	1.9	KAO	1.6X	98	5
2007	JUN	17	2336	37.24	19	21.54	155	13.25	1.87	17	.08	.3	.4	SER	2.2X	60	2
2007	JUN	18	0011	7.83	19	21.87	155	11.84	1.95	28	.08	.3	.3	SER	2.2X	65	3

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 43
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	18	0042	38.66	19	22.51	155	11.85	2.77	18	.08	.4	.3	SER L	2.2X	122	2
2007	JUN	18	0042	55.39	19	21.78	155	12.17	2.58	41	.09	.2	.3	SER	2.2X	62	2
2007	JUN	18	0043	35.98	19	21.79	155	12.16	1.74	39	.11	.2	.3	SER	2.4X	62	2
2007	JUN	18	0044	53.47	19	22.72	155	14.40	2.67	48	.13	.3	.3	SEC F	2.9X	50	2
2007	JUN	18	0153	32.44	19	21.72	155	12.49	1.87	31	.10	.2	.3	SER	2.3X	60	2
2007	JUN	18	0201	38.01	19	21.93	155	13.06	1.82	15	.08	.4	.3	SER	2.2X	75	1
2007	JUN	18	0203	6.91	19	23.09	155	12.97	3.73	14	.08	.5	.3	SER	2.1X	120	1
2007	JUN	18	0203	38.72	19	24.15	155	12.99	14.54	14	.10	1.4	1.0	DEP	2.4X	152	3
2007	JUN	18	0215	58.41	19	22.51	155	14.44	2.21	44	.11	.2	.2	SEC F	3.2U	52	2
2007	JUN	18	0243	18.38	19	18.06	155	12.84	6.12	40	.11	.4	.7	SF2	2.0X	113	2
2007	JUN	18	0249	32.76	19	23.77	155	15.78	2.85	15	.08	.4	.4	SEC	1.6X	102	1
2007	JUN	18	0306	3.93	19	50.99	156	21.62	1.43	37	.11	2.1	.9	DIS	2.3X	281	58
2007	JUN	18	0330	51.27	19	22.38	155	12.35	3.22	17	.09	.5	.3	SER	1.6X	114	1
2007	JUN	18	0353	47.17	19	15.98	155	12.77	6.25	37	.12	.5	.9	SF2	1.9X	173	2
2007	JUN	18	0449	41.81	19	21.70	155	11.78	1.30	10	.11	.4	.9	SER	2.2X	94	3
2007	JUN	18	0607	3.68	19	16.75	155	13.27	7.23	32	.12	.6	.8	SF2	1.9X	160	1
2007	JUN	18	0736	38.54	19	23.75	155	15.85	2.95	17	.11	.4	.3	SEC	1.9X	102	1
2007	JUN	18	0738	34.69	19	16.87	155	13.25	6.90	30	.12	.6	.9	SF2	2.1X	159	0
2007	JUN	18	0755	15.88	19	17.47	155	12.81	7.61	30	.13	.6	.8	SF2	2.0X	144	1
2007	JUN	18	0806	33.44	19	21.76	155	11.56	0.95	12	.06	.3	.8	SER	2.3X	93	3
2007	JUN	18	0904	5.72	19	22.04	155	8.83	3.59	19	.10	.4	.5	SER	1.8X	97	3
2007	JUN	18	0922	38.41	19	22.85	155	14.73	1.99	17	.07	.3	.3	SEC	1.9X	86	2
2007	JUN	18	0924	58.81	19	5.79	155	28.38	30.48	26	.09	.7	1.1	DLS	2.2X	180	7
2007	JUN	18	0952	2.21	19	22.61	155	10.12	3.05	15	.10	.7	.3	SER	1.8X	84	0
2007	JUN	18	1018	43.12	19	19.77	155	2.51	6.88	34	.10	.6	.9	SF5	2.0X	204	9
2007	JUN	18	1137	55.97	19	21.85	155	12.41	2.95	17	.07	.4	.4	SER	2.3X	106	2
2007	JUN	18	1204	25.79	19	22.93	155	14.58	3.28	21	.10	.3	.4	SEC	2.2X	74	3
2007	JUN	18	1208	26.35	19	18.48	155	13.12	7.70	44	.12	.4	.6	SF2	2.1X	91	3
2007	JUN	18	1243	28.63	19	21.52	155	13.96	1.34	26	.09	.2	.4	SER	2.3X	54	3
2007	JUN	18	1246	6.62	19	22.80	155	13.55	3.95	17	.11	.4	.5	SER	2.2X	101	1
2007	JUN	18	1412	56.82	19	25.09	155	18.33	4.04	34	.09	.3	.4	SNC	2.0X	41	1
2007	JUN	18	1441	27.77	19	16.61	155	15.46	5.09	35	.10	.4	1.1	SF1	1.8X	155	4
2007	JUN	18	1442	35.08	19	18.03	155	12.84	9.01	38	.11	.4	.6	SF2	2.0X	142	8
2007	JUN	18	1459	50.80	19	18.73	155	13.01	9.72	48	.11	.4	.4	SF2	2.8X	128	7
2007	JUN	18	1504	37.31	19	17.88	155	13.05	10.01	36	.08	.5	.6	SF2	1.9X	109	2
2007	JUN	18	1522	31.50	19	23.06	155	9.72	2.79	17	.11	.6	.3	SER	1.9X	130	1
2007	JUN	18	1523	40.39	19	23.34	155	9.30	0.51	28	.10	.4	.2	SER	2.3X	76	2
2007	JUN	18	1524	24.04	19	23.05	155	9.77	2.99	17	.11	.6	.3	SER	2.1X	90	1
2007	JUN	18	1525	13.68	19	22.08	155	9.48	2.30	27	.11	.3	.2	SER	2.4X	89	2
2007	JUN	18	1529	31.16	19	23.26	155	9.83	2.95	16	.10	.6	.3	SER	2.0X	93	1
2007	JUN	18	1530	20.88	19	23.28	155	12.18	1.90	17	.09	.6	.3	SER	2.1X	137	2
2007	JUN	18	1530	29.11	19	24.10	155	10.22	1.73	16	.05	.5	.4	SER	2.3X	166	2
2007	JUN	18	1535	23.19	19	22.38	155	9.43	2.55	15	.11	.7	.3	SER	1.9X	112	1
2007	JUN	18	1535	28.94	19	24.03	155	10.18	2.35	18	.10	.5	.4	SER	2.1X	61	2
2007	JUN	18	1546	7.96	19	22.61	155	9.90	3.41	40	.10	.3	.3	SER	2.0X	84	1

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 44
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	18	1546	44.39	19	22.75	155	9.88	3.14	17	.09	.6	.3	SER	1.8X	138	0
2007	JUN	18	1547	24.16	19	23.05	155	9.69	3.84	32	.07	.3	.3	SER	2.1X	81	1
2007	JUN	18	1547	49.83	19	22.79	155	9.82	3.48	29	.07	.4	.3	SER	2.2X	84	1
2007	JUN	18	1548	44.56	19	22.90	155	9.69	3.61	14	.04	.6	.4	SER	1.9X	141	1
2007	JUN	18	1551	8.09	19	22.89	155	9.59	3.38	31	.09	.4	.4	SER	2.7X	87	1
2007	JUN	18	1555	3.28	19	22.77	155	9.67	3.37	15	.07	.5	.3	SER	2.2X	91	1
2007	JUN	18	1558	15.48	19	22.83	155	9.65	3.52	45	.10	.3	.3	SER	2.4X	86	1
2007	JUN	18	1605	43.88	19	23.18	155	9.72	3.87	47	.10	.3	.3	SER	2.7X	77	1
2007	JUN	18	1649	12.88	19	22.43	155	9.72	3.20	25	.10	.4	.3	SER	2.2X	86	1
2007	JUN	18	1747	19.39	19	17.91	155	12.97	6.20	29	.11	.5	.9	SF2	1.8X	113	2
2007	JUN	18	1817	25.34	19	22.79	155	9.53	3.38	16	.11	.6	.4	SER	1.9X	87	1
2007	JUN	18	1819	44.26	19	22.29	155	10.33	2.46	11	.08	.6	.3	SER	1.7X	80	1
2007	JUN	18	1821	42.60	19	22.25	155	10.36	2.43	11	.09	.7	.3	SER	1.8X	79	1
2007	JUN	18	1946	8.97	19	26.19	155	24.70	8.89	19	.12	.4	1.2	KAO	1.5X	80	7
2007	JUN	18	1950	37.50	19	11.30	155	20.74	30.98	52	.11	.6	1.0	DEP F	2.6X	174	13
2007	JUN	18	2017	0.88	19	21.52	155	14.09	2.03	18	.06	.3	.5	KOA	2.1X	59	3
2007	JUN	18	2240	48.75	19	22.63	155	14.92	1.30	14	.08	.4	.4	SEC	1.8X	76	2
2007	JUN	18	2242	14.62	19	22.74	155	14.86	1.10	29	.11	.2	.2	SEC	2.3X	62	2
2007	JUN	18	2324	15.27	19	22.16	155	9.92	3.16	17	.08	.5	.3	SER	1.9X	84	1
2007	JUN	18	2347	37.40	19	21.60	155	14.02	1.99	13	.06	.3	.5	KOA	2.1X	64	2
2007	JUN	19	0340	29.36	19	23.10	155	12.26	2.87	17	.14	.6	.4	SER L	2.1X	131	2
2007	JUN	19	0343	37.92	19	22.96	155	14.88	1.74	22	.07	.2	.2	SEC	2.2X	65	2
2007	JUN	19	0450	31.63	19	22.44	155	10.71	3.33	13	.07	.6	.3	SER	1.7X	113	1
2007	JUN	19	0457	57.62	19	17.32	155	13.02	8.11	39	.15	.5	.6	SF2	1.8X	147	1
2007	JUN	19	0458	54.61	19	17.81	155	13.09	5.89	27	.11	.5	.9	SF2	1.9X	110	2
2007	JUN	19	0517	11.40	19	21.33	155	12.05	1.15	31	.09	.2	.4	SER L	2.4X	63	3
2007	JUN	19	0932	0.85	19	17.61	155	12.65	7.43	38	.10	.4	.6	SF2	2.1X	140	2
2007	JUN	19	1157	44.81	19	21.82	155	13.40	2.64	23	.07	.3	.3	SER	2.0X	54	2
2007	JUN	19	1520	16.99	19	22.44	155	10.59	3.22	13	.04	.5	.3	SER	1.7X	81	1
2007	JUN	19	1538	32.90	19	22.76	155	14.81	1.46	43	.10	.2	.2	SEC	2.4X	51	2
2007	JUN	19	1843	19.73	19	22.34	155	9.75	3.22	26	.13	.4	.4	SER	2.1X	86	1
2007	JUN	19	1855	10.16	19	22.04	155	10.89	3.01	21	.09	.4	.3	SER	1.8X	93	2
2007	JUN	20	0242	45.52	19	21.99	155	10.50	3.66	14	.09	.5	.5	SER	1.5X	78	2
2007	JUN	20	0326	45.93	19	22.33	155	14.11	3.49	41	.12	.3	.3	SEC	2.2X	52	2
2007	JUN	20	0329	18.12	19	14.07	155	19.71	7.45	32	.16	.6	1.1	SWR	1.4X	167	7
2007	JUN	20	0446	27.80	19	14.09	155	21.21	0.09	36	.10	.4	.2	SWR	1.5X	160	8
2007	JUN	20	0953	2.65	19	21.87	155	9.21	3.25	17	.07	.4	.5	SER	1.8X	94	2
2007	JUN	20	1237	10.30	19	13.73	155	21.01	0.86	36	.12	.5	.4	SWR	2.0X	159	9
2007	JUN	20	1326	25.16	19	20.02	155	8.42	8.00	32	.10	.4	.8	SF4	1.4X	110	5
2007	JUN	20	1405	35.68	19	22.35	155	13.71	3.34	33	.11	.3	.3	SER	2.1X	78	1
2007	JUN	20	1757	21.76	19	23.07	155	9.78	3.56	27	.11	.5	.4	SER	1.8X	130	1
2007	JUN	20	1812	33.52	19	21.33	155	14.26	1.82	18	.08	.2	.5	KOA	1.7X	61	3
2007	JUN	20	2047	21.89	19	20.36	155	6.59	2.80	23	.10	.4	1.0	SSF	1.4X	147	6
2007	JUN	20	2155	7.48	19	22.32	155	13.92	3.16	22	.10	.4	.3	SER	1.9X	77	2
2007	JUN	20	2304	42.48	19	18.88	155	15.01	7.64	41	.10	.4	.6	SF1	1.7X	92	4

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 45
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	21	0031	37.88	19	20.28	155	6.54	7.80	40	.10	.4	.5	SF4	2.0X	149	6
2007	JUN	21	0227	44.36	19	20.23	155	6.01	9.24	45	.09	.4	.3	SF4	1.9X	159	6
2007	JUN	21	0326	7.00	19	22.76	155	9.85	3.84	19	.10	.6	.4	SER	1.8X	134	1
2007	JUN	21	0448	51.45	19	18.64	155	13.30	9.31	43	.09	.4	.4	SF2	2.1X	133	7
2007	JUN	21	0722	39.37	19	19.30	155	9.82	6.08	32	.09	.4	1.0	SF3	1.3X	100	5
2007	JUN	21	0956	36.16	19	31.03	155	53.54	13.88	16	.11	1.3	.5	KON	1.3X	216	4
2007	JUN	21	1143	2.08	19	22.56	155	14.47	3.09	18	.09	.3	.3	SEC	1.7X	76	2
2007	JUN	21	1226	53.56	19	17.80	155	16.06	8.42	31	.09	.4	.5	SF1	1.8X	127	5
2007	JUN	21	1259	18.63	19	21.84	155	13.78	1.94	17	.08	.3	.4	SER	1.7X	54	2
2007	JUN	21	1302	28.87	19	25.90	155	29.49	14.26	17	.11	.5	1.0	DML	1.5X	62	6
2007	JUN	21	1600	47.19	19	24.77	155	25.28	8.10	32	.11	.3	1.0	KAO	1.7X	65	6
2007	JUN	21	1722	43.07	19	14.52	155	26.69	8.28	38	.12	.4	.6	LSW	1.7X	113	6
2007	JUN	21	1924	1.01	19	21.99	155	9.65	3.46	20	.10	.5	.3	SER	1.8X	87	2
2007	JUN	21	2008	26.70	19	22.84	155	25.72	11.00	50	.11	.3	.4	KAO	2.3X	50	3
2007	JUN	21	2101	34.31	19	20.45	155	11.70	8.42	44	.10	.4	.4	SF3	1.6X	76	5
2007	JUN	21	2121	49.69	19	18.43	155	13.01	8.20	23	.08	.5	1.0	SF2	2.1X	96	3
2007	JUN	21	2238	44.23	19	24.92	155	19.07	6.11	40	.10	.3	.6	KAO	2.1X	45	3
2007	JUN	22	0248	6.72	19	22.39	155	14.46	3.22	16	.08	.3	.3	SEC	1.4X	86	2
2007	JUN	22	0424	25.63	19	13.27	155	21.03	14.04	38	.11	.6	.4	DEP	1.6X	169	10
2007	JUN	22	0755	38.68	19	22.54	155	14.07	3.52	31	.09	.3	.3	SEC	2.1X	85	2
2007	JUN	22	1423	57.38	19	18.54	155	13.02	6.45	28	.08	.4	.9	SF2	1.7X	93	3
2007	JUN	22	1835	20.98	19	18.32	155	13.11	7.75	40	.13	.4	.8	SF2	1.6X	94	2
2007	JUN	22	1852	26.30	19	20.24	155	12.74	8.41	39	.08	.3	.5	SF2	1.7X	71	4
2007	JUN	22	1947	38.19	19	19.35	155	8.95	5.17	36	.10	.4	1.3	SF4	1.5X	95	4
2007	JUN	22	2143	48.53	19	14.62	155	20.56	0.34	49	.11	.4	.2	SWR	2.2X	154	7
2007	JUN	22	2239	28.68	19	16.16	155	12.08	1.16	37	.10	.4	.3	SSF	1.8X	174	3
2007	JUN	22	2323	36.50	19	18.63	155	13.12	8.17	46	.11	.4	.5	SF2	1.9X	88	3
2007	JUN	23	0141	59.72	19	22.52	155	9.73	2.99	16	.11	.6	.3	SER	1.4X	126	1
2007	JUN	23	0256	24.04	19	17.19	155	12.13	1.76	33	.09	.5	.4	SSF	1.4X	156	2
2007	JUN	23	0450	10.27	19	22.62	155	14.44	4.40	10	.06	.8	.9	SEC	1.5X	171	2
2007	JUN	23	0554	11.42	19	22.55	155	13.89	3.91	16	.09	.6	.4	SER	1.6X	130	1
2007	JUN	23	0813	30.52	19	22.51	155	13.82	3.95	33	.10	.4	.4	SER	2.2X	90	1
2007	JUN	23	1034	27.09	19	15.69	155	12.51	1.92	33	.11	.6	.4	SSF	1.3X	199	3
2007	JUN	23	1857	28.23	19	22.16	155	9.93	2.59	21	.10	.5	.3	SER	1.5X	84	1
2007	JUN	23	2353	22.38	19	16.54	155	11.92	1.69	41	.13	.6	.3	SSF	1.5X	169	3
2007	JUN	24	0126	31.49	19	19.07	155	9.60	6.70	30	.11	.5	1.0	SF3	1.2X	104	4
2007	JUN	24	0351	1.69	19	17.27	155	14.55	7.79	39	.12	.5	.7	SF1	1.7X	136	2
2007	JUN	24	0654	8.90	19	22.76	155	30.70	10.80	36	.09	.3	.6	KAO	1.8X	56	5
2007	JUN	24	1248	42.43	19	29.09	155	27.64	9.66	41	.13	.4	.8	KAO	1.8X	80	5
2007	JUN	24	1403	53.91	19	22.75	155	9.72	3.58	17	.12	.7	.4	SER	1.4X	139	1
2007	JUN	24	1425	26.26	19	22.10	155	13.38	2.77	16	.11	.4	.4	SER	1.5X	104	1
2007	JUN	24	1709	52.28	19	22.55	155	9.81	3.55	23	.09	.5	.3	SER	1.6X	122	1
2007	JUN	24	1713	10.24	19	13.22	154	52.14	10.95	26	.12	1.3	.6	DIS	1.8X	291	25
2007	JUN	24	1741	47.15	19	56.83	155	48.80	34.98	34	.08	.9	1.5	KOH	1.9X	176	19
2007	JUN	24	1845	2.79	19	31.78	155	55.00	14.48	17	.10	1.6	.5	KON	1.0X	257	5

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 46
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUN	24	1937	57.96	18	54.40	155	10.23	41.47	45	.10	1.1	1.6	LOI	2.4X	261	42
2007	JUN	24	2205	36.08	19	55.93	155	57.96	36.62	24	.10	1.1	2.0	KOH	1.7X	227	29
2007	JUN	24	2209	43.17	19	25.91	155	37.20	3.04	18	.12	.3	.5	MLO	1.2X	88	3
2007	JUN	25	0103	5.36	19	20.85	155	13.34	0.12	14	.12	.3	.5	SER	.9X	176	3
2007	JUN	25	0137	26.38	19	22.16	155	10.12	3.33	29	.10	.4	.3	SER	1.9X	82	1
2007	JUN	25	0429	59.92	19	19.04	155	8.33	7.10	21	.10	.5	1.2	SF4	1.0X	111	3
2007	JUN	25	0839	20.85	19	12.37	155	31.52	7.11	28	.12	.5	1.0	LSW	1.6X	129	6
2007	JUN	25	0839	55.70	19	22.62	155	14.12	3.84	19	.07	.3	.4	SEC	1.4X	84	2
2007	JUN	25	0945	36.62	19	20.70	155	8.18	8.74	15	.08	.6	1.3	SF4	1.0X	130	5
2007	JUN	25	0957	2.52	19	20.03	155	7.23	6.60	18	.08	.6	1.1	SF4	1.7X	138	5
2007	JUN	25	1454	59.75	19	26.18	155	24.51	7.68	23	.13	.4	1.2	KAO	1.2X	79	7
2007	JUN	25	1551	31.40	19	12.27	155	15.00	46.09	24	.09	1.0	1.1	DEP	1.6X	230	9
2007	JUN	25	1600	52.04	19	24.66	155	17.38	2.01	31	.11	.3	.2	SNC	2.1X	71	1
2007	JUN	25	1920	14.33	19	20.45	155	22.98	29.61	37	.10	.7	1.0	DEP	1.8X	82	1
2007	JUN	25	2017	48.30	19	25.77	155	28.12	10.41	18	.13	.5	1.3	KAO	1.2X	59	6
2007	JUN	25	2038	2.25	19	32.10	155	16.75	21.68	32	.12	.5	1.2	DEP	1.5X	63	12
2007	JUN	25	2053	3.66	19	22.61	155	14.44	3.02	16	.09	.3	.3	SEC	1.7X	77	2
2007	JUN	25	2255	40.54	19	16.56	155	11.92	1.86	25	.10	.6	.4	SSF	1.5X	180	3
2007	JUN	26	0043	49.09	19	21.74	155	12.83	3.21	15	.09	.4	.5	SER	1.6X	82	2
2007	JUN	26	0048	13.79	19	18.67	155	13.12	7.54	46	.13	.4	.5	SF2	1.7X	87	3
2007	JUN	26	0048	55.33	19	17.95	155	12.96	9.46	44	.10	.4	.4	SF2	2.1X	111	2
2007	JUN	26	0255	28.46	19	22.78	155	9.98	3.58	20	.07	.5	.4	SER	1.7X	134	0
2007	JUN	26	0434	59.72	19	12.52	155	45.49	8.33	24	.10	.6	1.3	KON	2.2U	199	14
2007	JUN	26	0538	23.39	19	20.76	155	3.05	7.32	36	.11	.6	.8	SF5	1.6X	191	7
2007	JUN	26	0720	19.40	19	23.83	155	37.01	13.35	39	.10	.4	.5	DML	1.8X	63	2
2007	JUN	26	0828	20.11	19	48.17	155	24.64	25.31	37	.12	.5	1.4	KEA	1.8X	112	6
2007	JUN	26	1637	27.01	19	5.94	155	18.94	0.03	39	.13	1.1	.4	LOI #	1.9X	207	17
2007	JUN	26	1646	59.77	19	30.44	155	28.31	7.04	16	.07	.4	1.4	MLO	1.6U	92	3
2007	JUN	26	2146	36.97	19	21.84	155	9.00	4.02	31	.11	.4	.7	SER	1.5X	96	3
2007	JUN	26	2253	0.39	19	12.17	155	31.48	6.75	39	.13	.5	1.1	LSW	1.6X	131	6
2007	JUN	26	2342	31.79	19	22.00	155	8.54	3.84	17	.09	.4	.6	SER	1.4X	102	3
2007	JUN	27	0118	58.94	19	22.67	155	14.49	2.80	18	.08	.4	.3	SEC	1.6X	78	2
2007	JUN	27	0119	25.97	19	22.78	155	14.59	2.42	19	.08	.3	.3	SEC	1.5X	74	2
2007	JUN	27	0206	32.36	19	17.63	155	29.81	11.51	37	.11	.4	.8	LSW	1.4X	75	5
2007	JUN	27	0223	19.18	19	24.20	155	16.37	2.17	23	.09	.3	.2	SEC	2.0X	119	1
2007	JUN	27	0332	35.28	19	22.35	155	13.98	3.53	28	.09	.3	.3	SEC	2.0X	80	2
2007	JUN	27	0332	51.79	19	23.06	155	14.48	0.35	17	.09	.2	.3	SEC	1.4X	86	3
2007	JUN	27	0529	41.16	19	22.63	155	14.07	3.65	26	.08	.3	.3	SEC	1.7X	85	2
2007	JUN	27	1505	4.02	19	12.85	155	24.46	34.40	36	.09	.9	1.3	DEP	1.7X	152	9
2007	JUN	27	1507	3.00	19	17.78	155	13.79	7.30	40	.11	.4	.7	SF2	1.9X	81	2
2007	JUN	27	1510	2.56	19	13.17	155	24.53	35.86	48	.10	.6	1.0	DEP	2.4X	146	9
2007	JUN	27	1642	11.31	19	21.42	155	14.05	11.81	25	.07	.6	.7	SF2	1.8X	60	3
2007	JUN	27	1815	26.34	20	7.02	155	59.33	17.81	49	.12	1.1	4.7	KOH F	2.9X	273	22
2007	JUN	27	1908	46.47	19	13.02	155	24.63	35.98	48	.09	.6	.9	DEP	1.8X	148	9
2007	JUN	27	1909	53.19	19	21.48	155	12.59	1.55	14	.06	.3	.6	SER	1.5X	82	2

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	47
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	JUN	28	0132	59.96	19	21.29	155	4.39	7.04	36	.11	.5	.7	SF5	1.6X	167	6	
2007	JUN	28	0220	7.08	19	18.94	154	57.47	41.06	28	.10	1.8	1.3	LER	2.1X	248	15	
2007	JUN	28	0614	46.60	19	18.05	155	21.92	6.18	37	.14	.5	1.2	SWR	1.5X	152	5	
2007	JUN	28	0641	55.67	19	18.05	155	13.15	7.01	29	.09	.5	.9	SF2	1.2X	99	2	
2007	JUN	28	0715	57.30	19	22.06	155	13.68	2.93	20	.05	.3	.3	SER	1.7X	57	1	
2007	JUN	28	0743	39.27	19	22.39	155	14.31	2.87	16	.09	.3	.4	SEC	1.3X	87	2	
2007	JUN	28	1052	4.05	19	19.53	155	10.80	8.33	28	.06	.4	.9	SF3	1.4X	98	6	
2007	JUN	28	1420	36.45	19	22.23	155	9.88	3.05	17	.08	.5	.3	SER	1.5X	91	1	
2007	JUN	29	0045	36.30	19	14.07	155	15.17	30.38	39	.09	.8	1.0	DEP	1.9X	186	6	
2007	JUN	29	0134	6.03	19	22.39	155	14.13	2.97	15	.09	.4	.4	SEC	1.5X	89	2	
2007	JUN	29	0453	13.22	19	22.59	155	13.98	3.62	21	.05	.4	.3	SER	2.1X	88	2	
2007	JUN	29	0514	6.29	19	23.26	155	9.70	3.31	11	.06	.7	.4	SER	1.2X	150	1	
2007	JUN	29	0516	21.38	19	20.12	155	7.52	5.96	29	.11	.5	1.0	SF4	1.6X	130	5	
2007	JUN	29	0650	26.24	19	17.81	155	12.71	9.75	45	.11	.4	.4	SF2	2.5X	146	8	
2007	JUN	29	1059	41.02	19	22.80	155	14.27	3.15	15	.09	.4	.5	SEC	1.0X	86	2	
2007	JUN	29	1221	11.35	19	22.43	155	14.24	3.20	22	.08	.3	.3	SEC	1.7X	80	2	
2007	JUN	29	1424	28.77	20	19.45	156	23.42	29.58	31	.10	1.6	3.9	DIS	2.2X	318	11	
2007	JUN	29	2004	5.13	19	22.67	155	10.31	3.94	17	.09	.6	.4	SER	1.6X	123	0	
2007	JUN	29	2330	13.81	19	22.16	155	9.93	3.53	38	.08	.3	.3	SER	2.1X	84	1	
2007	JUN	30	0028	20.62	19	32.77	155	37.14	9.38	40	.11	.4	.7	MLO	2.2X	97	7	
2007	JUN	30	0850	10.21	19	20.09	155	6.67	8.17	41	.07	.4	.5	SF4	1.7X	148	6	
2007	JUN	30	0920	35.19	19	21.90	155	13.71	3.96	18	.12	.4	.6	SER	1.5X	53	2	
2007	JUN	30	1008	40.68	18	59.54	155	28.63	39.92	40	.09	1.0	1.3	DLS	2.0X	220	18	
2007	JUN	30	1110	31.10	19	34.47	155	20.06	5.75	34	.13	.5	2.7	MLO	1.4X	183	10	
2007	JUN	30	1143	37.98	19	21.91	155	12.81	3.36	17	.07	.4	.4	SER	1.5X	92	1	
2007	JUN	30	1245	32.73	19	21.99	155	13.37	3.05	26	.06	.3	.3	SER	2.0X	56	1	
2007	JUN	30	1501	44.74	19	22.53	155	14.03	3.53	35	.08	.3	.3	SEC	2.2X	86	2	
2007	JUN	30	1513	43.03	19	18.81	155	12.61	7.40	39	.07	.4	.6	SF2	1.6X	97	4	
2007	JUN	30	1519	47.40	19	22.49	155	13.99	4.04	17	.09	.4	.5	SEC	1.5X	89	2	
2007	JUN	30	2129	42.46	19	22.08	155	13.94	2.74	18	.09	.4	.4	SER	1.7X	95	2	
2007	JUL	1	0306	58.94	19	21.73	155	4.22	7.02	37	.11	.5	.8	SF5	1.4X	163	5	
2007	JUL	1	0340	21.18	19	19.37	155	11.74	8.55	48	.08	.3	.3	SF3	2.1X	97	5	
2007	JUL	1	0902	51.45	19	22.35	155	31.01	11.00	31	.11	.5	.9	KAO	1.3X	91	6	
2007	JUL	1	1450	1.74	19	5.21	155	23.64	37.37	45	.07	.8	1.2	LOI	2.2X	199	11	
2007	JUL	1	1500	33.19	19	3.96	155	23.68	37.95	42	.08	.9	1.3	LOI	1.9X	205	13	
2007	JUL	1	1539	15.89	19	22.63	155	14.15	3.34	21	.06	.3	.3	SEC	1.7X	83	2	
2007	JUL	1	1554	51.68	19	25.71	155	23.48	9.89	32	.11	.4	.9	KAO	1.3X	88	8	
2007	JUL	1	1654	3.31	19	21.71	155	4.79	8.48	45	.10	.5	.4	SF5	2.0X	156	5	
2007	JUL	1	2024	43.21	19	17.66	155	23.08	3.45	17	.07	.5	1.0	SWR	1.4U	156	5	
2007	JUL	1	2140	0.99	19	18.51	155	22.60	3.70	21	.09	.5	.7	SWR	1.3U	146	3	
2007	JUL	2	0238	4.37	19	24.01	156	22.98	21.89	22	.12	5.9	5.3	DIS	2.3U	304	50	
2007	JUL	2	0410	35.26	19	22.04	155	24.61	13.33	31	.14	.5	.8	DML	2.3U	49	4	
2007	JUL	2	1139	2.32	19	25.32	155	38.04	2.95	40	.11	.3	.4	MLO	2.1X	80	2	
2007	JUL	2	1254	36.01	19	22.53	155	14.13	3.27	17	.05	.3	.3	SEC	1.5X	87	2	
2007	JUL	2	1701	45.82	19	12.03	155	36.98	0.58	27	.13	.5	.4	LSW	1.3X	146	13	

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	48
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	JUL	2	1849	8.23	19	10.00	155	15.61	9.89	34	.10	.6	1.0	LOI	1.7X	198	19	
2007	JUL	2	1911	13.20	19	22.13	155	13.92	3.27	20	.07	.4	.4	SER	1.7X	65	2	
2007	JUL	3	0130	7.54	19	22.34	155	14.06	3.09	21	.06	.3	.3	SEC	1.6X	79	2	
2007	JUL	3	0406	30.31	19	24.28	155	16.57	1.40	22	.12	.3	.2	SSC	1.9X	120	1	
2007	JUL	3	0818	1.51	19	59.37	155	47.74	7.57	39	.08	.7	.6	KOH	2.0X	178	15	
2007	JUL	3	1047	44.85	19	57.26	156	1.73	42.05	38	.09	1.0	1.3	KOH	2.1X	246	32	
2007	JUL	3	1228	48.16	19	54.88	155	7.42	45.55	53	.12	.9	1.3	KEA	F	3.6X	227	23
2007	JUL	3	1315	22.88	19	20.94	155	9.65	1.01	16	.10	.3	.6	SER		1.4X	98	3
2007	JUL	3	1453	19.93	19	20.26	155	4.23	9.13	31	.08	.6	.8	SF5		1.6X	182	8
2007	JUL	3	1512	12.91	19	19.29	155	3.14	5.71	34	.11	.7	1.6	SF5		1.6X	213	9
2007	JUL	3	1526	40.96	19	15.94	155	23.02	6.54	23	.11	.5	2.2	SWR		1.4X	132	8
2007	JUL	3	1649	32.16	19	22.43	155	13.76	3.63	16	.06	.4	.4	SER		1.3X	93	1
2007	JUL	3	1709	30.81	19	12.62	155	29.39	8.24	41	.10	.4	.8	LSW		1.7X	79	5
2007	JUL	3	1853	30.80	19	20.84	155	5.00	7.69	39	.09	.4	.6	SF5		1.6X	165	7
2007	JUL	3	2134	56.43	19	20.92	155	50.31	8.38	35	.15	.8	.5	KON		1.7X	182	10
2007	JUL	3	2211	47.36	19	12.94	155	24.54	36.25	48	.10	.6	1.0	DEP		2.6X	149	9
2007	JUL	3	2316	33.64	19	22.17	155	13.75	3.27	23	.07	.3	.3	SER		1.7X	65	1
2007	JUL	4	0115	4.62	19	12.65	155	24.10	36.43	46	.09	.7	1.0	DEP		1.9X	157	9
2007	JUL	4	0214	15.84	19	22.24	155	14.00	2.81	23	.08	.3	.3	SEC		1.5X	73	2
2007	JUL	4	0245	54.83	19	21.95	155	14.28	3.06	17	.10	.4	.5	KOA		1.4X	93	2
2007	JUL	4	0316	24.10	19	21.99	155	13.72	3.03	20	.07	.3	.3	SER		1.5X	100	2
2007	JUL	4	0325	33.80	19	22.03	155	13.68	3.36	24	.09	.4	.4	SER		1.7X	100	1
2007	JUL	4	0335	19.35	19	22.50	155	14.16	3.14	24	.09	.4	.3	SEC		1.8X	88	2
2007	JUL	4	0337	34.35	19	21.93	155	14.04	2.33	19	.11	.3	.4	KOA		1.3X	96	2
2007	JUL	4	0338	27.03	19	22.33	155	13.77	2.37	28	.09	.3	.3	SER		1.9X	77	1
2007	JUL	4	0340	23.36	19	22.15	155	13.70	0.79	27	.09	.3	.3	SER		1.9X	98	1
2007	JUL	4	0341	23.78	19	22.62	155	14.08	3.20	22	.12	.4	.3	SEC		1.5X	85	2
2007	JUL	4	0344	0.37	19	21.98	155	14.07	2.46	20	.10	.3	.3	KOA		1.6X	96	2
2007	JUL	4	0349	50.94	19	22.25	155	13.91	3.31	20	.06	.3	.3	SER		1.7X	94	2
2007	JUL	4	0352	28.68	19	22.27	155	13.97	3.68	21	.09	.3	.4	SER		1.4X	74	2
2007	JUL	4	0352	51.95	19	22.23	155	13.78	3.26	23	.07	.3	.3	SER		1.9X	95	1
2007	JUL	4	0355	42.77	19	22.35	155	13.91	3.28	22	.10	.4	.3	SER		1.4X	92	1
2007	JUL	4	0356	21.29	19	21.92	155	13.78	2.99	16	.08	.3	.4	SER		1.5X	54	2
2007	JUL	4	0403	4.24	19	22.53	155	13.97	3.46	26	.08	.4	.3	SER		1.9X	89	2
2007	JUL	4	0408	52.99	19	22.51	155	13.92	3.53	27	.09	.4	.3	SER		1.9X	90	1
2007	JUL	4	0411	51.76	19	22.42	155	14.15	3.51	19	.05	.4	.3	SEC		1.5X	89	2
2007	JUL	4	0419	56.93	19	22.33	155	14.20	3.50	23	.07	.4	.3	SEC		1.7X	89	2
2007	JUL	4	0505	59.56	19	22.08	155	13.53	3.25	19	.05	.4	.3	SER		1.5X	102	1
2007	JUL	4	0540	20.31	19	22.62	155	14.41	2.60	27	.09	.3	.3	SEC		1.9X	77	2
2007	JUL	4	0543	5.61	19	22.96	155	14.23	2.61	17	.09	.4	.3	SEC		1.4X	84	2
2007	JUL	4	0738	39.34	19	22.17	155	9.84	3.05	21	.08	.5	.3	SER		1.6X	87	1
2007	JUL	4	0822	3.19	19	22.54	155	14.13	3.65	18	.05	.3	.4	SEC		1.6X	87	2
2007	JUL	4	0916	47.55	19	20.84	155	12.16	5.67	9	.08	1.0	1.8	SF3		1.5X	131	4
2007	JUL	4	0927	5.16	19	12.97	155	24.58	34.62	44	.10	.7	1.0	DEP		2.3X	149	9
2007	JUL	4	0937	52.62	19	22.01	155	14.02	1.73	14	.05	.3	.5	KOA		1.4X	95	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 49
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP		DS
2007	JUL	4	0946	46.26	19	21.99	155	13.96	1.99	18	.07	.3	.4	SER		1.8X	97		2
2007	JUL	4	1006	14.11	19	17.92	155	22.71	3.36	21	.09	.5	1.0	SWR		1.3X	154		4
2007	JUL	4	1033	11.27	19	21.94	155	13.68	1.88	13	.05	.4	.5	SER		1.2X	102		2
2007	JUL	4	1237	3.11	19	22.61	155	14.24	3.38	24	.06	.3	.3	SEC		2.0X	81		2
2007	JUL	4	1542	17.41	19	25.79	155	18.86	6.30	16	.08	.6	1.1	INT		1.1X	146		2
2007	JUL	4	1551	43.59	19	25.28	155	18.96	5.83	13	.10	.6	1.2	INT		1.1X	126		2
2007	JUL	4	1847	3.63	19	21.95	155	13.35	3.28	20	.06	.4	.3	SER		1.8X	56		1
2007	JUL	4	2240	6.27	19	22.31	155	14.04	2.85	17	.08	.4	.3	SEC		1.9X	92		2
2007	JUL	5	0430	6.85	19	19.88	155	9.02	4.99	15	.11	.5	2.5	SSF		1.1X	112		5
2007	JUL	5	0611	43.51	19	21.99	155	9.78	2.60	13	.08	.6	.4	SER		1.4X	86		2
2007	JUL	5	0634	25.43	19	14.26	155	21.22	1.76	21	.08	.6	1.5	SWR		1.3X	164		8
2007	JUL	5	0651	51.11	19	21.25	155	14.09	11.30	16	.03	.7	1.2	SF2		.9X	101		3
2007	JUL	5	0820	7.32	19	22.88	155	14.16	4.13	15	.12	.4	.6	SEC		1.5X	91		2
2007	JUL	5	0836	59.30	19	22.15	155	9.70	3.16	13	.08	.6	.4	SER		1.7X	94		1
2007	JUL	5	0941	32.21	19	46.04	155	40.20	14.09	17	.12	.9	.6	KEA		1.7X	165		10
2007	JUL	5	0959	6.44	19	25.35	155	15.15	26.93	41	.08	.6	.8	DEP		2.2X	47		2
2007	JUL	5	1101	28.69	19	12.53	155	37.91	4.64	17	.10	.6	10.9	LSW	-	1.7X	169		14
2007	JUL	5	1335	15.76	19	22.87	155	14.63	2.29	31	.14	.3	.3	SEC		2.2X	72		2
2007	JUL	5	1338	28.17	19	21.63	155	9.22	2.95	17	.06	.4	.5	SER		1.5X	104		3
2007	JUL	5	1339	11.59	19	22.03	155	9.01	4.21	36	.09	.4	.6	SER		2.0X	100		2
2007	JUL	5	1536	38.36	19	22.91	155	14.74	2.00	17	.07	.3	.3	SEC		1.3X	79		2
2007	JUL	5	1713	32.25	19	22.77	155	14.54	2.35	17	.08	.3	.4	SEC		1.6X	80		2
2007	JUL	5	1848	8.50	19	22.01	155	9.13	3.89	26	.09	.4	.6	SER		1.9X	94		2
2007	JUL	5	1853	54.78	19	21.76	155	13.32	1.57	11	.07	.4	.5	SER		1.1X	111		2
2007	JUL	5	2042	7.55	19	22.03	155	9.86	3.16	15	.07	.6	.4	SER		1.5X	91		1
2007	JUL	6	0036	32.13	19	4.28	155	23.67	37.91	43	.09	.8	1.0	LOI		1.5X	203		12
2007	JUL	6	0138	47.53	19	22.69	155	14.40	3.52	19	.09	.4	.3	SEC		1.8X	79		2
2007	JUL	6	0623	55.91	19	10.54	155	38.48	1.93	41	.15	.4	1.0	LSW		2.4X	94		13
2007	JUL	6	0829	43.67	19	21.98	155	14.32	6.51	10	.05	.6	1.0	SF2		1.8X	148		2
2007	JUL	6	0834	35.03	19	22.74	155	14.32	3.77	12	.05	.4	.5	SEC		1.5X	126		2
2007	JUL	6	1040	50.71	20	2.77	155	22.46	7.56	42	.11	.9	.5	KEA	F	2.2X	213		31
2007	JUL	6	1432	47.18	19	22.68	155	14.53	2.96	27	.07	.3	.3	SEC		2.1X	75		2
2007	JUL	6	1434	1.00	19	22.98	155	14.39	2.52	39	.11	.2	.2	SEC		2.4X	48		2
2007	JUL	6	1707	29.30	19	24.47	155	17.10	1.85	16	.06	.3	.3	SSC		1.2X	112		1
2007	JUL	6	1816	29.07	19	22.75	155	13.91	3.63	34	.09	.4	.3	SER		1.9X	91		1
2007	JUL	6	2004	25.08	20	1.17	155	28.20	34.88	29	.12	.8	1.5	KEA		1.8X	196		20
2007	JUL	6	2139	33.26	19	26.27	155	28.63	9.44	33	.10	.3	.9	KAO		1.2X	64		7
2007	JUL	7	0019	18.50	19	16.52	154	59.18	41.49	37	.09	1.0	1.1	LER		2.4X	238		15
2007	JUL	7	0051	26.37	19	22.43	155	13.91	3.50	11	.05	.8	.5	SER		1.4X	172		1
2007	JUL	7	0059	29.14	19	21.70	155	8.98	3.01	12	.08	.9	.7	SER		1.1X	153		3
2007	JUL	7	0113	15.33	19	20.36	155	11.68	6.46	33	.12	.5	.8	SF3		1.5X	78		5
2007	JUL	7	0329	53.88	19	22.89	155	14.18	3.02	10	.07	.5	.5	SEC		1.4X	150		2
2007	JUL	7	0635	43.76	19	23.07	155	14.84	2.23	11	.10	.4	.6	SEC		1.0X	132		2
2007	JUL	7	0640	57.49	19	23.00	155	14.75	3.24	38	.11	.3	.3	SEC		2.6X	49		2
2007	JUL	7	0743	15.63	19	25.82	155	19.25	7.31	18	.07	.5	1.1	KAO		1.1X	144		3

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 50
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP		DS
2007	JUL	7	0935	22.16	19	19.77	155	7.19	6.93	31	.08	.5	.8	SF4		1.6X	165		5
2007	JUL	7	1511	27.02	19	11.92	155	27.65	5.40	17	.12	.6	1.8	LSW		1.5X	117		4
2007	JUL	7	2018	47.33	19	22.36	155	10.11	3.45	11	.04	.9	.4	SER		1.6X	87		1
2007	JUL	7	2045	53.67	19	26.47	155	20.28	6.38	13	.08	.7	1.5	KAO		1.2X	147		5
2007	JUL	8	0238	56.37	19	12.11	155	37.58	9.07	21	.14	.7	2.2	LSW		1.8X	145		14
2007	JUL	8	0245	12.03	19	20.93	155	9.89	0.78	9	.07	.5	1.3	SER		.9X	227		3
2007	JUL	8	0318	14.07	19	20.24	155	13.21	7.49	12	.05	.6	1.4	SF2		.8X	72		4
2007	JUL	8	0330	23.66	19	19.98	155	13.28	5.58	20	.11	.5	1.4	SF2		.8X	67		5
2007	JUL	8	0332	11.22	19	22.79	155	7.61	3.38	26	.09	.5	.4	SER		1.6X	110		1
2007	JUL	8	0336	2.41	19	22.13	155	8.89	3.46	21	.08	.5	.4	SER		1.7X	104		3
2007	JUL	8	0454	28.36	19	21.79	155	8.78	3.11	13	.05	.4	.6	SER		1.1X	99		3
2007	JUL	8	0726	18.26	19	21.99	155	9.80	2.85	23	.08	.4	.3	SER		1.2X	86		2
2007	JUL	8	0956	12.34	19	22.65	155	14.15	3.04	21	.09	.3	.3	SEC		1.5X	83		2
2007	JUL	8	1445	50.74	19	30.47	155	29.64	5.93	15	.11	.5	2.3	MLO		1.5X	105		4
2007	JUL	8	1602	21.62	19	18.05	155	23.32	32.80	33	.09	.7	1.0	DEP		1.4X	111		4
2007	JUL	8	1815	33.53	19	22.37	155	14.19	3.18	21	.10	.4	.3	SEC		1.7X	79		2
2007	JUL	8	1937	20.01	19	18.89	155	12.80	6.70	35	.11	.4	.9	SF2		1.4X	91		4
2007	JUL	8	1939	20.50	19	18.61	155	12.87	6.60	34	.09	.4	.8	SF2		1.2X	95		3
2007	JUL	8	2238	37.93	20	13.62	157	31.50	22.01	41	.08	1.9	4.7	DIS		3.1X	331		183
2007	JUL	9	0117	53.35	19	25.65	155	24.40	10.20	38	.11	.3	.7	KAO		1.3X	45		8
2007	JUL	9	0152	58.42	19	19.50	155	7.69	9.45	27	.07	.5	.7	SF4		1.1X	131		4
2007	JUL	9	0428	11.85	19	22.86	155	14.50	3.83	18	.07	.4	.3	SEC		1.4X	81		2
2007	JUL	9	1041	54.47	19	51.44	156	0.89	41.17	40	.10	.9	1.3	HUA		2.5X	232		26
2007	JUL	9	1221	57.81	19	21.90	155	12.65	3.02	15	.05	.4	.4	SER		1.6X	98		2
2007	JUL	9	1740	41.13	19	50.84	155	12.34	41.07	36	.11	.9	1.3	KEA		2.0X	192		15
2007	JUL	9	1859	40.13	19	20.45	155	4.26	2.93	30	.17	.7	1.2	SSF		1.3X	179		7
2007	JUL	9	2016	49.65	19	22.83	155	14.65	3.23	19	.09	.4	.4	SEC		1.6X	72		2
2007	JUL	9	2140	42.25	19	18.99	155	8.50	7.94	30	.09	.4	.6	SF4		1.4X	106		3
2007	JUL	9	2152	7.61	19	24.51	155	19.21	5.17	38	.10	.3	.7	KAO		1.9X	45		2
2007	JUL	9	2217	21.21	19	19.27	155	7.79	6.98	23	.09	.5	1.1	SF4		1.1X	130		4
2007	JUL	9	2219	36.51	19	19.38	155	7.64	7.05	16	.09	.6	1.3	SF4		1.0X	134		4
2007	JUL	9	2310	57.40	19	17.75	155	12.83	6.28	26	.10	.4	1.0	SF2		1.1X	126		2
2007	JUL	10	0243	38.57	19	19.79	155	7.27	8.04	44	.10	.4	.3	SF4		2.3X	139		5
2007	JUL	10	0342	9.65	19	20.01	155	12.84	7.52	28	.09	.4	.8	SF2		1.3X	73		5
2007	JUL	10	0357	25.99	20	2.38	155	57.88	10.40	21	.08	1.2	.6	KOH		1.7X	250		22
2007	JUL	10	0604	58.53	19	22.07	155	9.13	3.99	28	.09	.3	.5	SER		1.6X	101		2
2007	JUL	10	0625	24.33	19	25.28	155	18.85	6.25	22	.09	.5	.8	INT		1.2X	125		2
2007	JUL	10	0735	40.44	19	22.51	155	13.91	3.33	22	.08	.3	.3	SER		1.6X	88		1
2007	JUL	10	0736	33.08	19	22.22	155	14.12	3.17	16	.07	.3	.4	SEC		1.5X	92		2
2007	JUL	10	0951	46.83	19	20.32	155	13.01	8.44	22	.05	.5	.8	SF2		1.3X	67		4
2007	JUL	10	1255	27.28	19	22.69	155	7.41	3.28	15	.09	.6	.4	SER		1.5X	124		1
2007	JUL	10	1434	57.96	19	19.36	155	12.37	6.05	17	.07	.4	1.3	SF2		1.1X	90		5
2007	JUL	10	1627	31.95	19	18.02	155	14.70	8.36	15	.04	.6	1.3	SF1		.9X	140		3
2007	JUL	10	1633	56.29	19	22.77	155	14.15	3.58	31	.08	.3	.3	SEC		1.9X	84		2
2007	JUL	10	1634	11.95	19	22.32	155	13.69	5.05	17	.11	.7	.8	SF2		1.7X	146		1

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 51
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUL	10	1841	10.94	19	18.01	155	47.62	11.13	19	.10	1.1	.5	KON	1.0X	158	9
2007	JUL	10	1901	47.68	19	22.71	155	14.34	3.30	20	.08	.3	.3	SEC	1.5X	84	2
2007	JUL	10	2104	32.66	19	21.35	155	4.55	6.42	26	.11	.6	1.3	SF5	1.4X	164	6
2007	JUL	10	2209	9.23	19	22.93	155	15.05	2.96	16	.08	.3	.3	SEC	1.3X	66	2
2007	JUL	11	0014	54.63	19	36.88	156	3.44	46.07	23	.09	1.4	1.4	KON	1.7X	297	20
2007	JUL	11	0318	15.69	19	26.08	155	23.78	10.51	15	.10	.5	1.4	KAO	1.3X	90	7
2007	JUL	11	0546	5.47	19	41.82	155	46.35	12.05	16	.12	1.1	.6	HUA	1.4X	131	7
2007	JUL	11	0620	57.16	19	45.92	155	34.23	14.48	15	.09	.6	.5	KEA	1.4X	100	12
2007	JUL	11	0625	22.21	19	22.90	155	14.72	2.79	13	.08	.3	.4	SEC	1.3X	117	2
2007	JUL	11	0639	19.23	19	20.77	156	9.58	44.86	19	.13	1.6	2.5	KON	1.2X	291	30
2007	JUL	11	0752	30.47	19	23.01	155	14.90	1.93	16	.12	.3	.4	SEC	1.5X	70	2
2007	JUL	11	0830	54.09	19	22.57	155	13.95	3.68	17	.06	.3	.4	SER	1.3X	91	1
2007	JUL	11	0904	32.20	19	12.40	155	25.72	35.50	27	.07	.8	1.4	DLS	1.5X	148	7
2007	JUL	11	1141	2.13	19	49.39	155	33.54	27.56	33	.09	.6	1.4	KEA	1.9X	105	11
2007	JUL	11	1251	36.78	19	26.62	155	29.11	11.65	16	.13	.7	1.5	KAO	1.3X	67	7
2007	JUL	11	1330	59.68	19	21.88	155	9.80	3.17	19	.10	.4	.4	SER	1.6X	93	2
2007	JUL	11	1554	37.24	19	18.65	155	32.44	2.34	26	.12	.3	1.5	LSW	1.4X	61	8
2007	JUL	11	1655	26.91	19	22.45	155	14.13	3.57	16	.07	.5	.4	SEC	1.5X	83	2
2007	JUL	11	2020	21.12	19	25.79	155	18.80	6.92	23	.08	.5	.8	INT	1.8X	146	2
2007	JUL	12	0303	24.94	19	17.02	155	2.51	42.36	27	.10	1.3	1.2	DEP	1.3X	237	10
2007	JUL	12	0308	54.64	19	22.46	155	13.94	3.53	15	.07	.4	.3	SER	1.5X	90	1
2007	JUL	12	0326	28.42	19	22.29	155	9.96	3.28	17	.08	.5	.3	SER	1.5X	86	1
2007	JUL	12	0343	4.19	19	23.24	155	15.19	2.83	16	.08	.3	.3	SEC	1.4X	75	2
2007	JUL	12	0351	18.55	19	22.42	155	14.02	3.44	16	.05	.4	.3	SEC	1.6X	90	2
2007	JUL	12	0510	37.50	20	5.58	155	30.18	29.71	27	.10	1.0	1.5	KEA	1.7X	225	28
2007	JUL	12	0837	19.62	19	25.39	155	37.34	1.08	16	.10	.3	.3	MLO	1.0X	96	2
2007	JUL	12	1131	58.10	19	22.15	155	10.00	3.05	17	.07	.5	.4	SER	1.3X	89	1
2007	JUL	12	1728	59.74	19	23.88	155	15.83	2.89	14	.05	.3	.3	SEC	1.3X	107	1
2007	JUL	12	1801	1.12	19	18.43	155	15.05	6.21	30	.12	.5	1.1	SF1	1.3X	101	4
2007	JUL	13	0019	21.24	19	20.33	155	12.95	7.70	37	.11	.4	.5	SF2	1.4X	67	4
2007	JUL	13	0215	18.66	19	22.93	155	14.76	2.58	14	.09	.3	.5	SEC	1.1X	79	2
2007	JUL	13	0226	17.98	19	22.39	155	14.25	3.01	17	.10	.4	.3	SEC	1.2X	78	2
2007	JUL	13	0534	12.64	19	22.79	155	14.68	2.75	13	.10	.4	.5	SEC	1.1X	80	2
2007	JUL	13	0730	56.32	19	18.44	155	47.37	8.99	17	.10	.7	2.5	KON	1.3X	123	10
2007	JUL	13	0942	23.87	19	18.72	155	15.23	4.86	26	.12	.4	1.3	SSF	1.2X	122	4
2007	JUL	13	1013	45.68	19	20.29	155	7.39	6.21	22	.08	.4	1.3	SF4	1.0X	154	6
2007	JUL	13	1051	9.89	19	18.45	155	14.83	7.60	20	.09	.5	1.0	SF1	1.1X	126	4
2007	JUL	13	1201	57.30	19	22.25	155	9.19	4.07	37	.10	.4	.5	SER	2.0X	93	2
2007	JUL	13	1301	53.35	19	22.70	155	14.16	3.05	20	.09	.3	.3	SEC	1.9X	88	2
2007	JUL	13	1634	47.84	19	20.26	155	7.15	5.42	17	.09	.5	1.6	SF4	1.0X	160	6
2007	JUL	13	1840	36.30	19	16.63	155	13.29	5.93	30	.11	.5	1.0	SF2	1.5X	162	1
2007	JUL	13	1858	59.76	19	24.28	155	16.13	1.69	26	.07	.2	.2	SEC	2.3X	121	1
2007	JUL	13	2022	36.85	19	22.67	155	13.95	3.54	27	.08	.3	.3	SER	2.0X	89	1
2007	JUL	13	2028	49.46	19	20.30	155	11.65	8.43	37	.09	.4	.5	SF3	1.5X	78	5
2007	JUL	13	2134	53.07	19	22.86	155	14.59	3.43	18	.05	.3	.3	SEC	1.5X	74	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 52
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUL	13	2206	43.11	19	19.29	155	8.84	6.78	26	.10	.5	1.2	SF4	1.1X	98	4
2007	JUL	13	2319	15.45	19	21.99	155	13.29	3.51	15	.08	.4	.4	SER	1.4X	60	1
2007	JUL	13	2351	18.53	19	16.40	155	13.20	5.80	25	.11	.6	1.1	SF2	1.0X	203	1
2007	JUL	14	0013	10.80	19	26.68	155	19.55	7.25	16	.09	.6	1.3	KAO	1.1X	154	4
2007	JUL	14	0102	32.01	19	21.96	155	8.74	3.96	39	.11	.4	.6	SER	2.0X	99	3
2007	JUL	14	0124	8.04	19	18.44	155	14.24	5.54	24	.12	.5	1.4	SF2	1.0X	112	3
2007	JUL	14	0349	40.81	19	21.85	155	10.06	2.72	17	.10	.5	.4	SER	1.3X	83	2
2007	JUL	14	0519	17.09	19	22.99	155	14.80	3.04	16	.10	.4	.4	SEC	1.6X	73	2
2007	JUL	14	0823	2.03	19	29.93	155	16.04	10.60	28	.13	.4	1.3	GLN	1.3X	58	9
2007	JUL	14	0940	47.80	19	23.57	155	55.21	13.05	46	.07	.6	.3	KON	F	2.7X	202	11
2007	JUL	14	1049	24.37	19	22.96	155	13.81	3.60	17	.10	.4	.4	SER	1.6X	97	1
2007	JUL	14	1058	33.33	19	22.53	155	14.09	3.32	32	.10	.3	.3	SEC	2.1X	84	2
2007	JUL	14	1245	10.09	19	15.72	155	32.94	7.27	33	.18	.5	1.6	LSW	1.6X	61	5
2007	JUL	14	1536	56.17	19	22.75	155	14.68	2.66	17	.09	.3	.4	SEC	1.5X	73	2
2007	JUL	14	1744	39.94	19	19.16	155	13.88	7.53	28	.09	.4	.8	SF2	1.3X	87	4
2007	JUL	14	1924	13.92	19	19.51	155	11.43	4.48	27	.13	.4	2.5	SSF	1.0X	95	6
2007	JUL	14	2046	55.57	19	47.79	156	11.18	39.36	23	.09	2.0	2.4	HUA	2.0X	315	38
2007	JUL	14	2048	23.23	19	22.98	155	14.67	3.49	30	.08	.3	.3	SEC	1.9X	72	2
2007	JUL	14	2214	29.90	19	21.54	155	4.94	5.43	23	.14	.7	1.7	SF5	1.0X	157	5
2007	JUL	14	2252	58.30	19	22.26	155	14.01	3.01	18	.07	.4	.3	SEC	1.6X	74	2
2007	JUL	15	0035	53.70	19	22.41	155	30.22	10.23	33	.10	.4	.9	KAO	1.2X	59	5
2007	JUL	15	0530	1.14	19	26.52	155	24.80	5.06	23	.12	.4	3.0	KAO	1.2X	76	7
2007	JUL	15	0548	25.70	19	26.41	155	29.32	10.25	23	.10	.4	1.1	KAO	1.1X	66	7
2007	JUL	15	0642	2.76	19	19.30	155	10.56	5.51	30	.13	.5	1.3	SF3	1.2X	103	6
2007	JUL	15	0647	57.59	19	24.92	155	18.94	5.99	29	.09	.4	.7	INT	1.5X	65	3
2007	JUL	15	1445	43.32	19	22.84	155	14.17	3.82	18	.05	.3	.4	SEC	1.5X	89	2
2007	JUL	15	1756	55.64	19	14.43	155	26.28	8.47	36	.13	.4	1.0	LSW	1.5X	118	7
2007	JUL	15	2055	27.89	19	52.01	155	56.48	38.07	36	.09	.8	1.4	HUA	2.2X	214	23
2007	JUL	15	2318	29.25	19	20.12	155	12.04	6.21	37	.10	.4	.6	SF3	1.3X	79	5
2007	JUL	16	0023	14.55	19	25.78	155	19.79	8.30	33	.10	.4	.8	KAO	1.6X	101	4
2007	JUL	16	0039	11.15	19	12.29	155	26.62	1.34	37	.12	.3	.6	LSW	1.3X	129	6
2007	JUL	16	0138	34.48	19	22.65	155	28.59	9.20	29	.10	.3	.6	KAO	1.1X	61	2
2007	JUL	16	0143	21.16	19	19.77	155	4.34	36.94	36	.10	1.0	.9	DEP	1.3X	187	8
2007	JUL	16	0145	53.14	19	19.80	155	6.27	6.28	36	.10	.5	.9	SF4	1.4X	161	5
2007	JUL	16	0151	58.64	19	12.36	155	30.32	38.71	35	.08	.9	1.2	DLS	1.5X	119	5
2007	JUL	16	0156	52.87	19	21.02	155	2.91	9.19	50	.11	.6	.4	SF5	F	2.8X	185	6
2007	JUL	16	0222	58.21	19	24.24	155	29.45	9.92	45	.12	.3	.6	KAO	2.0X	43	5
2007	JUL	16	0249	39.41	19	20.67	155	2.72	9.15	37	.09	.5	.5	SF5	1.5X	191	7
2007	JUL	16	0325	21.03	19	18.42	155	13.16	8.10	33	.08	.4	.8	SF2	1.1X	90	3
2007	JUL	16	0626	46.25	19	22.23	155	13.91	3.28	19	.08	.4	.3	SER	1.5X	72	2
2007	JUL	16	0843	10.42	19	22.45	155	14.04	3.49	36	.10	.3	.3	SEC	2.0X	51	2
2007	JUL	16	0844	57.97	19	22.61	155	14.04	3.52	19	.04	.3	.3	SEC	1.5X	86	2
2007	JUL	16	0859	3.88	19	22.81	155	14.46	3.57	22	.06	.3	.4	SEC	1.7X	78	2
2007	JUL	16	0918	21.54	19	36.49	155	52.98	6.50	23	.14	1.6	.9	KON	1.7X	254	14
2007	JUL	16	0935	11.02	19	22.45	155	10.15	3.32	17	.07	.5	.3	SER	1.2X	86	1

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 53
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUL	16	1122	6.70	19	22.36	155	13.94	2.98	22	.08	.3	.3	SER	1.5X	81	2
2007	JUL	16	1400	29.49	19	17.45	155	15.38	8.66	34	.08	.5	.8	SF1	1.4X	158	3
2007	JUL	16	1447	12.13	19	22.04	155	13.26	2.93	18	.08	.4	.3	SER	1.5X	107	1
2007	JUL	16	1520	53.45	19	26.30	155	29.29	9.22	42	.09	.3	.8	KAO	1.6X	42	8
2007	JUL	16	1640	37.36	19	26.50	155	23.50	9.71	28	.09	.4	.9	KAO	1.2X	49	6
2007	JUL	16	1957	22.18	19	12.28	155	25.33	36.03	37	.09	.8	1.3	DLS	1.6X	149	7
2007	JUL	16	2107	51.79	19	22.20	155	13.87	3.05	20	.08	.3	.3	SER	1.5X	69	2
2007	JUL	16	2241	3.12	19	28.18	155	27.46	9.38	40	.13	.3	.9	KAO	1.4X	46	7
2007	JUL	16	2311	24.87	19	22.91	155	14.43	2.10	17	.11	.4	.4	SEC	1.3X	78	2
2007	JUL	17	0012	48.01	19	19.39	155	3.16	41.72	42	.09	.7	.8	DEP	2.0X	204	9
2007	JUL	17	0056	44.68	19	22.87	155	14.67	2.64	28	.09	.3	.3	SEC	1.7X	65	2
2007	JUL	17	0056	55.56	19	23.38	155	14.62	3.33	44	.11	.2	.3	SEC F	2.3X	46	2
2007	JUL	17	0057	35.28	19	22.89	155	14.40	4.09	23	.06	.3	.3	SEC	1.7X	79	2
2007	JUL	17	0058	38.95	19	23.20	155	14.82	2.02	15	.06	.3	.3	SEC	1.3X	124	2
2007	JUL	17	0107	20.40	19	22.76	155	14.65	3.27	19	.12	.4	.3	SEC	1.5X	72	2
2007	JUL	17	0139	11.03	19	21.88	155	13.22	3.22	21	.06	.3	.4	SER	1.5X	64	1
2007	JUL	17	0358	35.72	19	22.54	155	8.65	3.27	28	.10	.5	.4	SER	1.6X	104	2
2007	JUL	17	0525	29.16	19	22.86	155	14.31	3.68	19	.06	.3	.3	SEC	1.6X	81	2
2007	JUL	17	0533	25.27	19	22.86	155	14.48	2.94	16	.10	.3	.3	SEC	1.3X	82	2
2007	JUL	17	0719	8.85	19	22.58	155	14.17	3.69	29	.07	.3	.3	SEC	1.8X	83	2
2007	JUL	17	0727	17.68	19	22.13	155	14.01	3.29	20	.11	.3	.4	SEC	1.6X	66	2
2007	JUL	17	0728	17.70	19	22.32	155	14.01	2.92	17	.10	.4	.3	SEC	1.6X	92	2
2007	JUL	17	1136	27.80	19	23.10	155	14.80	3.42	27	.09	.3	.3	SEC	2.2X	67	2
2007	JUL	17	1141	25.74	19	23.51	155	15.16	3.11	47	.12	.2	.3	SEC F	2.3X	45	2
2007	JUL	17	1323	11.82	19	22.34	155	14.03	3.50	17	.08	.4	.3	SEC	1.4X	91	2
2007	JUL	17	1447	32.27	19	19.90	155	7.71	8.10	17	.08	.6	1.4	SF4	1.1X	149	5
2007	JUL	17	2034	0.42	19	26.55	155	19.49	8.68	19	.10	.6	1.2	KAO	1.8X	153	4
2007	JUL	17	2111	44.63	19	22.27	155	14.06	3.10	18	.06	.4	.4	SEC	1.6X	75	2
2007	JUL	17	2306	39.20	19	20.37	155	11.31	9.47	32	.08	.4	.6	SF3	1.6X	79	5
2007	JUL	18	0011	38.66	19	25.00	155	53.32	12.47	17	.18	1.2	.7	KON	.9X	166	9
2007	JUL	18	0225	43.60	19	22.85	155	14.50	3.58	42	.13	.3	.4	SEC	2.5X	49	2
2007	JUL	18	0231	57.29	19	22.64	155	14.43	3.32	16	.07	.3	.4	SEC	1.3X	82	2
2007	JUL	18	0315	57.70	19	21.83	155	4.49	7.15	33	.11	.5	.7	SF5	1.4X	159	5
2007	JUL	18	0428	44.08	19	19.29	155	10.14	8.59	37	.12	.4	.5	SF3	1.4X	103	5
2007	JUL	18	0536	7.26	19	22.83	155	14.52	2.78	26	.11	.4	.3	SEC	1.7X	76	3
2007	JUL	18	0552	33.90	19	15.31	155	11.03	10.39	29	.11	.6	.5	SF3	1.4X	210	5
2007	JUL	18	0622	34.67	19	24.12	155	6.36	36.52	24	.08	1.0	.9	DEP	1.0X	123	7
2007	JUL	18	1003	43.77	19	21.96	155	13.14	3.19	18	.06	.3	.3	SER	1.5X	71	1
2007	JUL	18	1143	23.70	19	19.66	155	7.43	8.33	34	.07	.4	.7	SF4	1.6X	159	4
2007	JUL	18	1420	30.39	19	21.53	155	18.48	2.84	22	.09	.3	.5	SWR	1.4X	71	3
2007	JUL	18	1857	48.99	19	23.46	155	13.76	6.50	18	.15	.6	.7	SF2	1.7X	114	2
2007	JUL	18	1858	1.29	19	22.40	155	13.99	3.28	16	.11	.4	.4	SEC	1.6X	90	2
2007	JUL	18	2013	40.59	19	19.33	155	8.28	7.46	29	.08	.6	1.0	SF4	1.3X	162	4
2007	JUL	18	2244	27.66	19	25.64	155	29.39	10.41	36	.09	.3	.7	KAO	1.4X	52	7
2007	JUL	19	0258	18.67	19	18.02	155	23.22	7.95	49	.15	.4	.8	SWR	2.8X	112	4

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 54
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUL	19	0929	31.71	19	22.24	155	13.69	3.41	21	.04	.3	.3	SER	1.7X	69	1
2007	JUL	19	1004	57.86	18	59.02	155	18.98	33.14	29	.11	1.3	2.2	LOI	1.5X	269	35
2007	JUL	19	1034	51.47	19	20.12	155	6.71	7.55	35	.11	.5	.7	SF4	1.9X	148	6
2007	JUL	19	1147	16.29	19	15.22	155	37.86	7.35	16	.12	.6	3.0	LSW	1.3X	111	12
2007	JUL	19	1445	11.22	21	29.02	155	22.67	6.93	48	.12	8.8	10.6	DIS	- 3.8X	331	156
2007	JUL	19	1452	9.20	19	24.37	155	17.09	1.73	21	.11	.3	.2	SSC	1.3X	108	1
2007	JUL	19	1502	49.39	19	18.93	155	13.62	6.85	29	.10	.4	.9	SF2	1.3X	82	4
2007	JUL	19	1640	45.08	19	21.06	155	45.46	10.23	20	.12	.6	1.1	KON	1.5X	126	10
2007	JUL	19	1751	30.49	19	10.86	155	19.94	49.42	25	.10	1.3	1.5	DEP	1.7X	200	13
2007	JUL	19	2042	30.77	19	18.86	155	4.78	36.02	23	.07	1.5	1.4	DEP	1.3X	198	6
2007	JUL	19	2100	40.59	19	21.80	155	12.68	3.15	19	.07	.3	.4	SER	1.6X	80	2
2007	JUL	19	2202	58.04	19	23.91	155	17.06	2.96	13	.07	.4	.3	SSC	1.3X	91	1
2007	JUL	20	0051	46.10	19	25.92	155	20.54	9.16	19	.09	.5	1.0	KAO	1.1X	133	4
2007	JUL	20	0059	7.35	19	17.79	155	29.68	6.77	33	.20	.5	1.3	LSW	1.4X	76	5
2007	JUL	20	0356	37.55	19	19.75	155	8.49	5.59	38	.12	.4	.8	SF4	1.6X	108	5
2007	JUL	20	0517	27.53	19	40.97	156	20.54	33.61	21	.12	2.6	3.6	DIS	1.6X	301	49
2007	JUL	20	0826	30.04	19	22.32	155	13.96	3.19	16	.08	.3	.4	SER	1.5X	93	2
2007	JUL	20	0845	54.08	19	22.58	155	13.99	3.62	21	.08	.4	.3	SEC	1.6X	88	2
2007	JUL	20	0908	56.38	19	20.37	155	7.45	8.71	38	.10	.5	.4	SF4	1.9X	129	5
2007	JUL	20	0946	30.61	19	27.83	155	24.64	9.32	19	.11	.5	1.1	KAO	1.5X	75	4
2007	JUL	20	1011	3.51	19	20.99	155	5.75	6.88	39	.13	.5	.8	SF4	2.0X	152	5
2007	JUL	20	1045	34.39	19	19.39	155	11.91	7.65	24	.07	.4	1.0	SF3	1.4X	95	5
2007	JUL	20	1203	22.34	19	19.01	155	9.93	6.70	20	.06	.5	1.4	SF3	1.2X	109	5
2007	JUL	20	1354	55.47	19	22.60	155	7.59	3.09	15	.08	.8	.3	SER	1.4X	122	1
2007	JUL	20	1533	7.55	19	22.61	155	13.96	3.52	17	.06	.3	.3	SER	1.5X	92	2
2007	JUL	20	1546	51.61	19	20.10	155	7.50	7.11	30	.11	.4	.6	SF4	1.6X	131	5
2007	JUL	20	1607	5.10	19	17.96	155	13.03	4.34	16	.09	.5	1.2	SSF	1.1X	107	2
2007	JUL	20	1609	19.05	19	22.88	155	14.50	1.63	18	.08	.3	.3	SEC	1.5X	81	2
2007	JUL	20	1731	54.17	19	19.67	155	6.36	5.00	32	.12	.5	2.0	SF4	1.7X	160	5
2007	JUL	20	1857	51.83	19	21.51	155	9.01	3.19	24	.09	.3	.6	SER	1.6X	97	3
2007	JUL	21	0148	19.57	19	22.93	155	14.68	3.42	16	.06	.3	.3	SEC	1.7X	76	2
2007	JUL	21	0210	16.55	19	23.39	155	14.92	3.55	18	.09	.4	.4	SEC	1.8X	74	3
2007	JUL	21	0809	52.76	19	22.73	155	14.22	3.33	17	.05	.3	.3	SEC	1.8X	82	2
2007	JUL	21	1015	55.10	19	18.51	155	12.78	4.73	28	.10	.4	1.4	SSF	1.1X	100	3
2007	JUL	21	1017	7.76	19	18.61	155	13.09	9.16	40	.12	.5	.5	SF2	2.3X	134	7
2007	JUL	21	1020	32.90	19	18.38	155	13.14	7.05	37	.11	.4	.6	SF2	1.8X	93	3
2007	JUL	21	1214	6.77	19	18.23	155	12.99	5.18	24	.09	.4	1.3	SF2	1.1X	101	2
2007	JUL	21	1233	53.20	19	20.31	155	11.17	6.98	35	.12	.4	.8	SF3	1.5X	80	5
2007	JUL	21	1711	18.92	19	25.43	155	39.79	1.68	17	.10	.4	.7	MLO	1.1X	128	4
2007	JUL	21	2013	30.67	19	26.46	155	29.85	10.77	17	.10	.4	1.2	KAO	.9X	71	6
2007	JUL	21	2032	44.98	19	27.61	155	25.66	6.58	45	.15	.3	1.2	KAO	1.7X	35	6
2007	JUL	21	2107	0.18	19	27.45	155	25.74	2.77	30	.13	.3	1.0	KAO	1.5X	58	6
2007	JUL	22	0009	46.83	19	19.60	155	6.53	8.33	46	.10	.5	.4	SF4	2.5X	158	5
2007	JUL	22	0336	59.68	19	17.78	155	12.52	5.98	25	.10	.5	.9	SF2	1.2X	135	2
2007	JUL	22	0851	9.51	19	28.80	155	24.27	13.68	34	.11	.5	.6	DML	1.5X	56	3

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 55
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUL	22	2214	55.36	19	19.05	155	51.91	11.71	49	.12	.6	.3	KON F	3.8X	157	6
2007	JUL	23	0052	48.35	20	6.44	155	36.98	25.99	20	.10	1.1	3.2	KOH	1.8X	283	37
2007	JUL	23	1209	26.41	19	19.01	155	13.58	5.72	20	.07	.4	1.3	SF2	1.3X	81	4
2007	JUL	23	1219	57.09	20	13.58	155	41.67	7.47	31	.15	1.8	1.2	KOH	2.0X	275	14
2007	JUL	23	1230	49.04	19	24.00	154	58.44	3.94	31	.18	.9	.7	SLE	1.6X	194	2
2007	JUL	23	1322	17.56	19	21.70	155	4.48	6.97	25	.11	.6	.9	SF5	1.5X	161	5
2007	JUL	23	1421	3.68	19	18.71	155	15.33	6.96	18	.07	.5	1.1	SF1	1.0X	124	4
2007	JUL	23	1508	8.26	19	19.09	155	14.22	8.17	27	.08	.5	.9	SF2	1.5X	94	4
2007	JUL	23	1855	32.78	19	51.66	155	58.87	40.38	45	.09	.8	1.3	HUA	2.5X	225	24
2007	JUL	24	0042	55.77	19	6.73	155	28.15	31.05	43	.09	.6	1.1	DLS	1.7X	176	5
2007	JUL	24	0129	9.09	19	22.67	155	14.55	2.09	16	.08	.3	.3	SEC	1.3X	79	2
2007	JUL	24	0245	7.23	19	36.38	155	18.19	10.85	20	.10	.7	1.9	KEA	1.0X	157	15
2007	JUL	24	0422	59.15	19	22.04	155	27.10	11.21	26	.12	.6	.9	KAO	1.3U	86	1
2007	JUL	24	0426	45.99	19	22.30	155	26.73	10.17	16	.09	.6	.9	KAO	.9U	134	2
2007	JUL	24	0700	20.62	19	31.26	155	47.93	8.05	17	.09	.6	.7	KON	.9X	180	4
2007	JUL	24	0720	22.47	19	16.93	155	21.42	29.98	28	.08	1.0	1.1	DEP	1.2X	218	5
2007	JUL	24	0733	40.05	19	21.25	155	4.54	7.76	26	.11	.6	1.0	SF5	1.4X	166	6
2007	JUL	24	0908	38.20	19	22.27	155	27.08	11.05	28	.10	.4	.8	KAO	1.4X	83	1
2007	JUL	24	1201	3.96	19	19.89	155	11.49	6.26	25	.09	.4	1.1	SF3	1.5X	87	6
2007	JUL	24	1255	59.90	19	31.12	155	16.98	13.68	30	.10	.4	.7	DEP	1.6X	60	11
2007	JUL	24	1319	21.73	19	18.84	155	12.05	5.94	31	.08	.4	1.0	SF3	1.6X	107	4
2007	JUL	24	1458	6.73	19	24.34	155	17.07	1.72	18	.07	.3	.2	SSC	1.6X	107	1
2007	JUL	24	1529	41.74	19	20.01	155	9.49	7.17	17	.08	.5	1.5	SF3	.8X	102	5
2007	JUL	24	1608	51.18	19	19.14	155	8.64	5.18	24	.11	.6	1.9	SF4	1.2X	120	4
2007	JUL	24	1823	37.48	19	20.56	155	6.85	8.07	40	.08	.4	.4	SF4	2.0X	140	5
2007	JUL	24	2136	37.14	19	21.72	155	4.15	7.02	29	.11	.6	.9	SF5	1.4X	164	5
2007	JUL	25	0111	55.62	19	19.10	155	8.65	8.70	36	.11	.4	.7	SF4	1.2X	102	3
2007	JUL	25	0126	50.02	19	24.84	155	29.08	10.66	23	.14	.5	1.0	KAO	1.2X	55	5
2007	JUL	25	0548	14.09	19	48.23	156	0.02	42.66	46	.10	.8	1.3	HUA	2.4X	225	21
2007	JUL	25	0757	47.30	19	19.80	155	10.70	8.47	16	.06	.6	1.1	SF3	1.4X	91	6
2007	JUL	25	0859	16.23	19	27.77	154	52.85	2.99	45	.12	.8	.6	SLE F	2.8X	265	4
2007	JUL	25	2239	47.96	19	20.93	155	6.85	8.78	41	.09	.4	.5	SF4	1.7X	136	5
2007	JUL	25	2253	20.00	19	26.43	155	28.93	10.12	44	.09	.3	.6	KAO	1.8X	59	8
2007	JUL	26	0600	25.57	19	24.22	155	17.18	1.55	14	.08	.3	.2	SSC	1.2X	98	1
2007	JUL	26	1029	31.94	19	19.49	155	8.60	5.05	27	.13	.5	2.1	SF4	1.2X	122	4
2007	JUL	26	1051	56.60	19	24.69	155	19.60	4.44	14	.11	.5	.9	KAO	1.0X	103	2
2007	JUL	26	1214	57.24	20	5.35	155	38.42	22.64	25	.12	1.1	2.3	KOH	2.2X	198	15
2007	JUL	26	1229	50.25	19	11.54	155	25.03	45.55	24	.19	1.2	1.9	DLS	1.6X	163	6
2007	JUL	26	1320	19.81	19	12.11	155	25.04	52.89	45	.13	.8	1.0	DLS	2.5X	154	7
2007	JUL	26	1321	50.17	19	7.24	155	23.18	58.15	21	.13	2.3	1.7	LOI	2.6X	277	19
2007	JUL	26	1324	14.60	19	21.10	155	20.89	31.36	48	.09	.5	.7	DEP F	3.0X	65	5
2007	JUL	26	1326	5.84	19	16.03	155	34.50	48.87	36	.13	.9	1.5	DLS	2.7X	62	8
2007	JUL	26	1427	5.14	19	50.73	155	59.75	39.43	27	.09	1.1	2.0	HUA	2.1X	227	24
2007	JUL	26	1536	56.54	19	13.62	155	25.04	36.95	41	.10	.7	1.2	DLS	1.9X	138	9
2007	JUL	26	1552	0.26	19	12.92	155	24.85	36.14	24	.11	1.2	1.7	DEP	1.2X	191	10

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 56
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	JUL	26	1658	7.42	19	19.24	155	11.71	6.28	38	.09	.4	.8	SF3	1.5X	101	5
2007	JUL	26	1916	16.23	20	3.72	156	10.30	8.53	35	.11	1.5	1.5	KOH F	2.4X	279	42
2007	JUL	26	2138	22.28	19	16.36	155	21.09	32.31	22	.09	1.1	1.3	DEP	1.1X	224	5
2007	JUL	26	2206	21.78	19	16.30	155	22.44	35.44	51	.11	.6	.9	DEP F	3.3X	133	7
2007	JUL	26	2252	1.13	19	15.36	155	21.99	32.37	28	.10	.8	1.2	DEP	1.3X	143	8
2007	JUL	26	2325	3.17	19	18.31	155	13.61	8.22	30	.08	.4	.9	SF2	1.1X	74	2
2007	JUL	27	0145	21.36	20	4.59	155	21.94	12.69	24	.11	1.5	.6	KEA	1.7X	292	21
2007	JUL	27	0313	54.80	19	59.17	155	20.14	35.39	47	.11	.8	1.3	KEA	2.3X	205	11
2007	JUL	27	0527	51.41	19	14.38	155	7.89	43.66	41	.10	.9	.9	DEP	1.7X	218	5
2007	JUL	27	1428	55.09	19	18.12	155	1.26	35.75	33	.09	1.5	.9	DEP	1.9X	282	12
2007	JUL	27	1457	50.10	19	3.74	155	45.97	13.29	39	.11	.9	.4	KON	2.2X	203	10
2007	JUL	27	1620	43.91	19	22.04	155	17.62	0.81	21	.13	.2	.3	SSC L	1.5X	91	3
2007	JUL	27	1717	25.35	19	19.23	155	9.97	8.30	39	.07	.4	.6	SF3	1.7X	103	5
2007	JUL	27	2142	1.69	19	19.01	155	8.68	8.88	28	.07	.5	.8	SF4	1.1X	100	3
2007	JUL	27	2350	26.21	19	19.32	155	8.68	8.62	37	.08	.4	.6	SF4	1.4X	102	4
2007	JUL	28	0040	55.94	19	29.50	155	28.23	8.09	46	.11	.3	.8	KAO	2.0X	47	5
2007	JUL	28	0314	2.39	19	31.87	155	11.70	13.73	39	.11	.3	.6	DEP	1.7X	63	14
2007	JUL	28	1257	1.99	19	14.65	155	19.06	31.61	50	.10	.6	.9	DEP	2.7X	158	6
2007	JUL	28	1929	28.48	19	14.61	155	17.90	27.78	32	.09	.9	1.1	DEP	1.6X	161	6
2007	JUL	28	2130	17.07	19	17.95	155	23.11	2.98	27	.13	.4	.7	SWR	.9X	152	4
2007	JUL	29	0120	3.39	19	19.22	155	9.27	7.41	22	.07	.5	.9	SF3	.7X	96	4
2007	JUL	29	0208	13.80	19	18.72	155	13.27	6.33	42	.12	.4	.6	SF2	1.5X	82	3
2007	JUL	29	0305	1.50	19	29.20	155	27.45	7.14	15	.13	.5	1.9	KAO	1.4X	85	5
2007	JUL	29	0420	5.05	19	25.95	155	38.02	3.87	19	.08	.6	.6	MLO	1.3X	187	3
2007	JUL	29	0627	24.09	19	27.34	154	53.49	2.03	29	.10	.7	.4	SLE	1.5X	261	3
2007	JUL	29	0640	12.11	19	28.73	154	53.49	2.45	39	.10	.8	.4	SLE F	1.8X	261	4
2007	JUL	29	0856	20.85	19	44.95	155	34.62	16.00	36	.11	.5	1.0	KEA	1.9X	92	13
2007	JUL	29	1159	21.03	19	25.71	155	19.92	8.51	37	.09	.3	.6	KAO	1.9X	47	4
2007	JUL	29	1303	15.07	20	0.13	155	40.37	13.26	50	.10	.7	.8	KOH F	2.6X	147	16
2007	JUL	29	1426	13.42	19	10.81	155	30.98	38.76	24	.08	.9	1.6	DLS	1.6X	151	6
2007	JUL	29	1904	5.80	19	44.92	155	34.15	15.99	52	.11	.4	.9	KEA F	2.3X	83	12
2007	JUL	30	0034	20.06	19	20.20	155	24.50	10.46	32	.10	.4	.7	SWR	1.3X	116	2
2007	JUL	30	0134	51.16	19	41.99	156	10.18	33.62	21	.11	1.4	2.2	HUA	1.6X	287	35
2007	JUL	30	1113	43.01	19	22.96	155	14.79	0.28	15	.07	.2	.3	SEC	1.1X	78	2
2007	JUL	30	1901	59.75	19	21.11	155	49.29	13.02	42	.11	.5	.3	KON	2.0X	118	11
2007	JUL	30	1911	54.43	19	24.34	155	17.12	1.41	14	.08	.3	.2	SSC	1.1X	105	1
2007	JUL	30	1949	33.41	19	24.22	155	17.07	1.93	15	.03	.3	.2	SSC	1.1X	102	1
2007	JUL	30	2014	30.29	19	11.64	155	41.17	0.00	22	.13	.5	.4	LSW #	1.3X	77	9
2007	JUL	30	2106	53.45	19	22.15	155	45.33	12.79	29	.11	.6	.5	KON	1.5X	130	9
2007	JUL	30	2136	12.76	19	24.44	155	29.64	9.83	36	.09	.4	.8	KAO	1.4X	53	5
2007	JUL	31	0243	28.32	19	19.85	155	8.15	9.14	43	.08	.4	.5	SF4	1.7X	116	5
2007	JUL	31	0628	7.83	19	17.27	155	30.53	10.98	28	.11	.4	1.1	LSW	1.1X	73	4
2007	JUL	31	0932	23.24	19	27.71	155	25.92	10.74	47	.12	.4	.7	KAO	2.4X	38	6
2007	JUL	31	1620	23.60	19	25.85	155	37.41	2.86	42	.12	.3	.4	MLO	2.6X	80	3
2007	JUL	31	1725	31.28	19	25.88	155	18.79	6.50	36	.09	.4	.6	INT	1.7X	95	2

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 57
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	AUG	1	0224	12.27	19	21.25	155	4.08	7.87	40	.15	.6	.5	SF5	1.8X	171	6
2007	AUG	1	0241	14.06	19	20.35	155	12.83	7.65	25	.09	.4	.6	SF2	1.4X	69	4
2007	AUG	1	0430	28.79	19	30.02	155	26.02	5.61	21	.13	.4	1.3	MLO	1.4X	82	5
2007	AUG	1	0611	41.12	19	20.18	155	9.59	8.09	24	.09	.5	.9	SF3	.9X	87	5
2007	AUG	1	0641	15.89	19	19.16	155	8.89	8.29	37	.11	.4	.6	SF4	1.7X	95	4
2007	AUG	1	0831	23.72	19	54.75	156	0.69	36.29	22	.12	1.7	3.3	HUA	1.5X	313	31
2007	AUG	1	0940	55.91	19	25.64	155	19.86	7.52	20	.06	.5	.9	KAO	1.2X	134	4
2007	AUG	1	1131	45.47	19	19.26	155	10.54	7.33	28	.08	.5	1.0	SF3	1.2X	105	6
2007	AUG	1	1230	39.77	19	12.83	155	16.15	46.64	21	.10	1.9	2.1	DEP	1.5X	195	9
2007	AUG	1	1547	26.12	19	24.27	155	17.02	1.91	15	.05	.3	.2	SSC	1.3X	105	1
2007	AUG	1	1717	3.52	19	25.30	155	29.14	10.37	43	.12	.3	.6	KAO	1.7X	58	6
2007	AUG	1	1751	8.42	19	18.85	155	13.51	8.34	43	.09	.4	.5	SF2	1.5X	73	3
2007	AUG	1	1807	59.80	19	24.22	155	17.05	1.63	18	.08	.3	.2	SSC	1.2X	102	1
2007	AUG	1	1826	13.73	19	25.21	155	37.38	2.43	23	.14	.3	.3	MLO	1.5X	97	2
2007	AUG	1	1848	19.76	19	25.05	155	18.91	5.47	17	.08	.5	1.0	INT	1.0X	114	2
2007	AUG	1	2142	15.64	19	31.44	155	28.29	5.89	41	.11	.3	.9	MLO	1.7X	37	1
2007	AUG	1	2201	8.53	18	56.72	155	29.94	36.23	31	.08	.9	1.3	DLS	2.0X	237	19
2007	AUG	1	2322	9.79	19	21.64	155	4.87	8.27	25	.12	.7	.6	SF5	1.1X	156	5
2007	AUG	2	0003	27.66	19	15.67	155	28.30	7.19	22	.12	.4	.8	LSW	1.0X	92	3
2007	AUG	2	0035	4.27	19	19.85	155	11.77	6.59	35	.10	.4	.7	SF3	1.4X	86	6
2007	AUG	2	0543	5.99	19	45.68	155	31.28	13.97	22	.12	.9	.5	KEA	1.9X	110	7
2007	AUG	2	0708	42.34	19	18.96	155	2.34	43.77	44	.09	.8	1.0	DEP	2.3X	204	10
2007	AUG	2	0800	56.94	19	10.63	155	41.15	3.21	19	.15	.7	2.6	LSW	1.4X	158	9
2007	AUG	2	1049	27.66	19	22.26	155	2.44	6.92	25	.11	.6	1.0	SF5	1.4X	175	5
2007	AUG	2	1206	39.55	19	31.22	155	47.11	8.80	19	.13	.8	.9	KON	1.2X	199	2
2007	AUG	2	1437	8.67	19	19.80	155	12.83	7.81	31	.09	.6	.6	SF2	1.4X	198	5
2007	AUG	2	2020	27.02	19	25.26	155	18.85	6.01	28	.07	.4	.7	INT	1.4X	124	2
2007	AUG	2	2128	11.56	19	24.41	155	17.04	1.67	16	.06	.3	.2	SSC	1.5X	111	1
2007	AUG	2	2159	21.70	19	20.18	155	8.24	5.28	21	.13	.5	1.6	SF4	.9X	113	5
2007	AUG	3	0113	8.12	19	24.96	155	19.26	6.60	28	.10	.4	.8	KAO	1.4X	76	2
2007	AUG	3	0221	34.10	19	31.26	155	43.52	8.02	30	.12	.4	.9	KON	1.3X	76	4
2007	AUG	3	0331	46.77	19	30.87	155	28.72	7.89	24	.09	.4	1.1	MLO	1.4X	99	3
2007	AUG	3	0411	26.87	19	38.06	155	52.43	27.44	27	.09	.7	1.2	KON	1.5X	195	7
2007	AUG	3	0451	55.00	19	18.14	155	13.39	5.72	33	.09	.4	.8	SF2	1.3X	86	2
2007	AUG	3	0556	19.95	19	16.24	155	31.95	7.34	35	.17	.5	1.1	LSW	1.4X	120	4
2007	AUG	3	0604	11.68	19	21.80	155	4.20	5.62	23	.13	.8	1.5	SF5	.9X	162	5
2007	AUG	3	0642	31.89	19	10.65	155	30.73	37.45	47	.07	.5	1.0	DLS	2.1X	106	5
2007	AUG	3	0711	1.19	19	3.93	155	21.77	37.23	28	.07	.9	1.7	LOI	1.2X	210	15
2007	AUG	3	1014	49.80	19	19.60	155	15.03	5.64	33	.11	.3	.9	SF1	1.2X	95	4
2007	AUG	3	1125	43.17	19	20.06	155	12.84	7.25	36	.12	.4	.7	SF2	1.7X	72	5
2007	AUG	3	1347	56.85	19	13.92	155	26.42	6.81	35	.14	.5	1.1	LSW	1.5X	120	7
2007	AUG	3	1650	37.14	19	19.49	155	7.07	7.59	39	.10	.5	.7	SF4	1.8X	148	4
2007	AUG	3	1905	3.57	19	11.44	155	7.60	45.56	34	.09	1.0	1.1	DEP	1.6X	213	11
2007	AUG	3	1913	59.58	19	17.16	155	27.00	11.45	20	.08	.5	.9	LSW	1.2X	151	7
2007	AUG	3	1921	44.85	19	21.14	155	4.30	6.19	40	.14	.6	.8	SF5	1.5X	170	6

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 58
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	AUG	3	2204	31.95	19	12.55	155	26.26	2.31	23	.12	.5	1.2	LSW	1.1X	138	6
2007	AUG	3	2310	24.48	19	20.35	155	12.85	7.84	29	.09	.4	.6	SF2	1.2X	68	4
2007	AUG	4	0001	6.90	19	48.25	155	59.95	15.67	37	.11	1.3	1.3	HUA	1.8X	273	21
2007	AUG	4	0010	56.25	19	23.36	154	58.26	3.15	24	.11	.8	.6	SLE	1.6X	203	3
2007	AUG	4	0446	23.38	19	4.68	155	22.44	35.25	50	.10	.7	1.1	LOI	2.7X	204	13
2007	AUG	4	0453	1.87	19	4.41	155	22.36	35.85	45	.09	.8	1.1	LOI	2.1X	205	13
2007	AUG	4	0543	58.27	19	19.10	155	52.04	11.48	27	.12	.6	.4	KON	1.5X	160	6
2007	AUG	4	0603	26.82	19	3.68	155	22.29	37.65	34	.09	1.0	1.5	LOI	1.4X	209	15
2007	AUG	4	0609	52.47	19	4.10	155	22.15	36.25	37	.09	.9	1.4	LOI	1.4X	208	14
2007	AUG	4	0614	30.49	18	56.18	155	18.43	51.77	18	.09	2.2	2.7	LOI	1.5X	277	30
2007	AUG	4	0621	51.21	20	56.33	154	58.95	17.11	19	.12	3.0	16.1	DIS -	2.0X	334	122
2007	AUG	4	0643	46.47	19	4.50	155	22.52	35.96	37	.09	1.0	1.5	LOI	1.9X	235	13
2007	AUG	4	0822	45.59	19	4.18	155	21.90	36.89	23	.09	1.2	2.0	LOI	1.3X	209	14
2007	AUG	4	0930	29.31	19	34.62	155	54.32	14.06	23	.12	.9	.4	KON	1.2X	201	10
2007	AUG	4	0931	42.40	19	35.71	155	55.20	13.13	44	.15	.8	.4	KON F	2.4X	220	12
2007	AUG	4	1453	38.13	19	4.73	155	22.43	35.62	46	.08	.8	1.2	LOI	2.1X	204	13
2007	AUG	4	1608	58.23	19	19.79	155	7.21	8.24	46	.09	.4	.5	SF4	1.9X	141	5
2007	AUG	4	2319	55.91	19	22.17	155	30.11	10.33	40	.09	.3	.7	KAO	1.4X	59	4
2007	AUG	4	2326	13.67	19	4.46	155	22.57	34.84	41	.09	1.0	1.4	LOI	1.5X	235	13
2007	AUG	4	2349	2.58	19	17.36	155	27.79	10.41	43	.12	.3	.5	LSW	1.8X	90	6
2007	AUG	5	0027	49.09	19	0.71	155	19.35	38.61	39	.11	1.0	1.6	LOI	1.6X	249	22
2007	AUG	5	0058	54.72	19	24.53	154	56.83	2.80	33	.12	.6	.4	SLE	1.3X	210	3
2007	AUG	5	0201	1.64	19	27.55	155	33.54	45.62	38	.13	.8	.9	DML L	2.6X	78	5
2007	AUG	5	0251	31.03	19	15.24	155	22.54	33.75	33	.12	.8	1.2	DEP	1.4X	141	8
2007	AUG	5	0505	6.67	19	20.09	155	8.41	7.21	34	.11	.5	.8	SF4	1.3X	110	5
2007	AUG	5	0536	16.61	19	20.13	155	7.44	8.27	45	.07	.3	.3	SF4	1.9X	132	5
2007	AUG	5	0736	11.12	19	22.90	155	30.58	10.99	27	.06	.3	.9	KAO	1.0X	76	5
2007	AUG	5	0927	25.76	19	4.49	155	22.46	35.06	45	.08	.8	1.2	LOI	2.0X	204	13
2007	AUG	5	1201	34.47	19	22.56	155	30.06	10.43	27	.06	.3	.9	KAO	1.2X	58	4
2007	AUG	5	1420	26.21	19	7.93	155	31.84	45.38	34	.13	.9	1.4	DLS T	1.9X	209	8
2007	AUG	5	1424	46.06	19	7.85	155	27.36	44.72	27	.10	1.0	1.6	DLS T	1.9X	220	3
2007	AUG	5	1425	32.69	19	4.25	155	26.95	42.63	34	.14	1.0	1.6	DLS T	1.2X	233	10
2007	AUG	5	1426	53.92	19	14.62	155	31.07	51.28	30	.14	1.0	1.6	DLS T	2.2X	101	2
2007	AUG	5	1428	32.98	19	10.63	155	34.06	61.89	30	.15	1.2	1.8	DLS T	1.8X	163	11
2007	AUG	5	1432	17.54	19	10.10	155	29.64	39.52	23	.10	.9	1.4	DLS T	1.9X	158	3
2007	AUG	5	1452	26.79	19	27.48	155	35.85	44.73	26	.12	.8	1.3	DML	1.8X	69	1
2007	AUG	5	1654	19.06	19	17.11	155	12.62	7.75	35	.09	.5	.8	SF2	1.3X	157	2
2007	AUG	5	1914	49.53	19	4.91	155	36.82	47.01	36	.12	.9	1.7	DLS T	2.5X	243	18
2007	AUG	5	1925	1.26	19	10.09	155	36.03	52.68	43	.14	.8	1.3	DLS T	2.5X	171	14
2007	AUG	5	2013	26.69	19	23.13	155	51.61	13.38	38	.14	.9	.4	KON	1.8X	146	13
2007	AUG	5	2337	49.82	19	24.34	155	17.03	2.36	20	.12	.3	.3	SSC	1.6X	109	1
2007	AUG	6	0331	36.79	19	26.43	155	35.79	41.94	34	.11	.7	1.2	DML L	2.0X	57	2
2007	AUG	6	0334	2.82	19	15.27	155	9.51	35.28	34	.11	1.0	1.1	DEP	1.5X	206	5
2007	AUG	6	0608	10.86	19	24.28	155	16.92	1.81	15	.09	.3	.2	SSC	1.0X	109	1
2007	AUG	6	0848	39.79	19	25.41	155	29.07	10.92	21	.13	.6	1.3	KAO	1.1X	96	6

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 59
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG		GAP	DS
2007	AUG	6	0928	10.03	19	17.79	155	12.64	10.00	47	.10	.4	.5	SF2		2.6X		140	8
2007	AUG	6	0958	9.15	19	17.06	154	59.51	41.32	45	.08	.9	.6	LER		2.2X		234	15
2007	AUG	6	1023	11.73	19	20.09	155	6.87	7.01	35	.12	.5	.8	SF4		1.8X		170	5
2007	AUG	6	1208	22.76	19	29.09	155	33.73	36.71	23	.11	.8	1.2	DML	L	1.8X		109	3
2007	AUG	6	1327	10.93	19	20.57	155	5.33	4.55	23	.14	.8	4.5	SSF		1.5X		201	6
2007	AUG	6	1947	1.69	19	20.67	155	10.18	8.41	29	.07	.4	.7	SF3		1.5X		80	4
2007	AUG	6	2336	21.10	19	10.79	155	19.06	46.82	26	.11	.9	1.3	DEP		1.7X		204	13
2007	AUG	6	2338	59.70	19	26.64	155	35.47	44.09	25	.14	.9	1.5	DML	L	1.7X		53	2
2007	AUG	7	0134	51.18	19	25.25	155	36.65	1.56	19	.17	.4	.5	MLO		1.1X		66	3
2007	AUG	7	0151	34.46	19	23.37	155	2.58	2.74	25	.16	.8	.6	SME		1.4X		157	3
2007	AUG	7	0306	56.13	19	19.99	155	13.30	32.39	30	.08	.8	.8	DEP		1.2X		67	5
2007	AUG	7	0701	36.77	19	34.33	155	41.85	2.36	24	.15	.6	1.2	MLO		1.3X		129	10
2007	AUG	7	0729	9.80	19	18.74	155	14.84	6.79	38	.10	.4	.6	SF1		1.5X		92	4
2007	AUG	7	1025	20.62	19	24.77	155	38.69	3.46	17	.08	.6	.4	MLO		1.5X		188	2
2007	AUG	7	1450	22.68	19	24.58	155	17.13	1.85	24	.05	.3	.2	SNC		1.6X		115	2
2007	AUG	7	1556	25.25	19	18.56	155	15.18	6.49	24	.11	.5	1.1	SF1		1.0X		127	4
2007	AUG	7	1741	19.63	19	20.43	155	20.85	31.37	30	.09	.6	1.1	DEP		1.9X		73	4
2007	AUG	7	2012	15.19	19	27.78	155	37.22	2.07	14	.13	.9	.4	MLO		1.9X		208	2
2007	AUG	7	2021	56.32	19	9.41	155	38.28	0.78	26	.13	.4	.5	LSW		1.4X		102	13
2007	AUG	7	2123	31.09	19	25.89	155	15.79	13.52	18	.07	.6	.8	DEP		.7X		158	3
2007	AUG	8	0034	11.57	19	28.22	155	53.24	11.74	30	.19	.9	.5	KON		1.4X		127	4
2007	AUG	8	0132	8.34	20	2.92	155	22.62	8.74	33	.11	.9	.6	KEA		1.7X		214	18
2007	AUG	8	0136	59.88	19	19.29	155	11.33	8.86	35	.10	.5	.5	SF3		1.4X		101	6
2007	AUG	8	0428	2.63	19	12.72	155	24.59	37.48	42	.10	.6	1.2	DEP		1.7X		152	8
2007	AUG	8	0541	2.29	19	18.48	155	14.42	4.69	22	.10	.5	1.9	SSF		.8X		105	3
2007	AUG	8	0551	3.98	19	20.84	155	20.40	29.51	32	.11	.7	1.0	DEP		1.3X		64	5
2007	AUG	8	0607	19.52	19	17.68	155	13.81	5.84	18	.07	.5	1.2	SF2		.9X		120	1
2007	AUG	8	0608	1.52	19	13.05	155	24.72	36.17	43	.11	.7	1.1	DEP		1.9X		147	9
2007	AUG	8	0858	57.24	19	31.00	156	1.10	10.20	15	.13	1.6	.7	KON		1.1X		289	11
2007	AUG	8	0928	28.01	19	8.07	155	29.70	45.72	22	.08	1.1	1.6	DLS		1.4X		169	13
2007	AUG	8	0950	43.84	19	19.84	155	7.77	7.69	37	.10	.5	.7	SF4		1.6X		126	5
2007	AUG	8	1411	27.80	19	6.48	155	28.19	31.41	31	.09	.9	1.5	DLS		1.7X		228	6
2007	AUG	8	1645	14.54	19	24.36	155	17.15	1.80	15	.07	.3	.2	SSC		1.2X		105	1
2007	AUG	8	1748	18.76	19	16.50	155	14.95	6.31	38	.11	.5	.8	SF1		1.4X		159	3
2007	AUG	8	1918	20.71	19	19.70	155	29.12	9.33	46	.12	.3	.6	KAO		1.9X		73	6
2007	AUG	9	0102	22.21	19	21.57	155	30.23	10.35	41	.08	.3	.6	KAO		1.6X		61	5
2007	AUG	9	0313	13.85	19	8.15	155	26.89	44.33	30	.11	1.1	1.7	DLS	T	1.5X		212	3
2007	AUG	9	0902	51.26	19	20.13	155	7.24	9.86	49	.10	.5	.3	SF4		2.8X		136	5
2007	AUG	9	1353	0.23	19	28.34	155	25.03	6.91	35	.13	.3	1.0	KAO		1.4X		53	4
2007	AUG	9	1915	5.96	19	19.54	155	8.59	6.99	33	.08	.4	.8	SF4		1.5X		105	4
2007	AUG	9	2012	3.72	19	21.35	155	15.47	24.67	24	.09	.7	1.0	DEP		1.2X		66	2
2007	AUG	9	2105	57.36	19	21.06	155	29.54	8.79	36	.12	.4	.8	KAO		1.3X		66	4
2007	AUG	9	2225	29.59	19	29.29	155	39.99	8.05	25	.12	.7	1.1	MLO		1.1X		144	7
2007	AUG	10	0044	57.35	19	10.64	155	41.95	4.15	32	.17	.5	3.0	LSW		1.7X		78	7
2007	AUG	10	0054	52.59	20	42.00	156	21.17	13.57	18	.14	6.1	3.9	DIS	F	2.2U		281	10

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF		AZ	MIN 60
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG		GAP	DS
2007	AUG	10	0209	53.72	19	20.28	155	8.42	7.19	18	.11	.7	1.2	SF4		.6X		109	5
2007	AUG	10	0428	44.30	19	24.43	155	16.92	1.70	24	.08	.3	.2	SSC		1.6X		117	1
2007	AUG	10	0907	22.66	19	27.10	155	29.99	13.70	16	.09	.6	1.5	DML		1.3X		73	7
2007	AUG	10	1038	54.22	19	20.19	155	11.13	9.10	31	.06	.4	.6	SF3		1.5X		83	5
2007	AUG	10	1245	35.56	19	29.61	155	0.67	42.54	45	.10	.7	.9	DEP		2.3X		116	9
2007	AUG	10	1351	24.68	19	9.95	155	14.67	47.93	18	.10	1.4	2.2	LOI		1.3X		259	13
2007	AUG	10	1431	38.63	19	21.92	155	27.63	6.65	17	.12	.5	.8	KAO		1.0X		154	1
2007	AUG	10	1749	50.00	19	24.48	155	29.72	9.38	43	.08	.3	.6	KAO		1.6X		51	5
2007	AUG	10	1938	31.63	19	6.99	155	25.70	55.52	28	.12	1.4	1.9	DLS	T	1.7X		182	6
2007	AUG	10	1939	47.52	19	9.32	155	27.63	48.50	33	.11	.9	1.4	DLS	T	1.9X		164	1
2007	AUG	10	2101	54.23	20	43.91	155	48.92	30.49	47	.12	1.2	1.9	DIS		2.8X		319	67
2007	AUG	10	2109	14.45	19	20.55	155	7.24	6.33	18	.12	.6	1.4	SF4		1.1X		132	5
2007	AUG	11	0308	7.81	19	12.21	155	39.00	6.46	45	.17	.4	1.0	LSW		1.6X		82	13
2007	AUG	11	0343	42.66	19	31.01	155	16.29	21.70	35	.11	.5	1.1	DEP		1.5X		61	11
2007	AUG	11	0549	3.86	19	22.52	155	25.24	12.51	23	.10	.5	.8	KAO		1.1X		71	4
2007	AUG	11	0550	14.69	19	22.39	155	25.65	11.89	16	.10	.6	1.1	KAO		.8X		132	3
2007	AUG	11	0901	28.28	19	20.12	155	6.72	7.42	35	.10	.4	.7	SF4		1.4X		147	6
2007	AUG	11	0946	30.40	20	7.03	156	9.24	30.12	41	.12	1.3	2.0	KOH		2.3X		286	39
2007	AUG	11	1113	58.06	19	21.28	155	20.89	31.15	46	.11	.6	.8	DEP		2.1X		63	5
2007	AUG	11	1210	13.75	19	59.27	156	5.05	8.97	24	.12	1.3	1.3	KOH		1.8X		276	35
2007	AUG	11	1722	58.68	19	13.40	155	34.54	3.21	26	.13	.5	1.5	LSW		1.5X		128	8
2007	AUG	11	1750	22.76	19	24.53	155	16.93	1.94	16	.07	.3	.2	SSC		1.1X		121	1
2007	AUG	11	2208	39.92	19	32.26	155	36.03	9.37	43	.13	.4	.6	MLO		1.8X		47	6
2007	AUG	11	2235	17.23	19	33.37	155	36.93	9.97	36	.12	.5	.8	MLO		1.6X		96	8
2007	AUG	12	0214	10.81	19	19.72	155	7.34	7.70	39	.09	.4	.6	SF4		1.4X		138	5
2007	AUG	12	0219	59.30	19	18.86	155	3.32	41.59	43	.09	.7	.8	DEP		2.0X		208	9
2007	AUG	12	0336	2.19	19	17.95	155	13.11	7.67	40	.10	.4	.7	SF2		1.7X		105	2
2007	AUG	12	1800	19.17	19	16.84	155	29.90	8.32	20	.15	.5	1.3	LSW		1.2X		76	3
2007	AUG	12	2021	44.54	19	18.87	155	30.15	2.51	42	.12	.3	.9	LSW		1.7X		70	7
2007	AUG	13	0444	23.07	19	20.95	155	0.35	7.60	39	.18	.9	.7	SF5		1.9X		208	8
2007	AUG	13	0826	19.07	19	21.55	155	4.65	5.92	36	.14	.6	1.0	SF5		1.9X		160	5
2007	AUG	13	1216	52.33	19	17.55	155	14.58	6.20	26	.11	.5	1.0	SF1		1.2X		161	2
2007	AUG	13	1809	21.61	19	12.70	155	15.92	32.81	42	.11	.9	1.1	DEP		2.1X		197	9
2007	AUG	13	1915	45.31	19	37.97	156	5.45	33.66	16	.11	1.9	2.7	KON		1.2X		287	27
2007	AUG	13	1938	6.31	19	20.88	155	4.28	9.74	39	.11	.8	.4	SF5	F	5.4U		173	6
2007	AUG	13	1947	21.51	19	20.30	155	2.88	5.61	47	.11	.5	.8	SF5		2.2X		194	8
2007	AUG	13	1947	36.49	19	20.76	155	2.36	6.24	32	.14	.7	1.8	SF5		2.3X		193	7
2007	AUG	13	1950	12.13	19	20.97	155	3.18	8.74	44	.11	.6	.4	SF5		2.3X		183	6
2007	AUG	13	1955	45.05	19	20.44	155	2.86	8.55	42	.08	.5	.5	SF5		1.9X		193	8
2007	AUG	13	2001	52.36	19	20.56	155	3.08	7.73	44	.08	.5	.5	SF5		2.0X		189	7
2007	AUG	13	2005	42.23	19	20.07	155	3.95	7.93	44	.09	.5	.5	SF5		2.2X		187	8
2007	AUG	13	2009	32.66	19	20.68	155	4.63	6.90	20	.09	.7	1.5	SF5		1.6X		173	7
2007	AUG	13	2011	3.82	19	20.31	155	3.90	8.38	47	.10	.6	.5	SF5		2.5X		185	7
2007	AUG	13	2014	32.99	19	20.47	155	2.93	1.82	15	.11	.7	.9	SSF		1.5X		197	7
2007	AUG	13	2028	31.22	19	20.13	155	2.62	8.82	35	.08	.5	.5	SF5		1.5X		199	8

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN	61
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	AUG	13	2037	23.14	19	20.18	155	3.76	3.20	22	.11	.6	1.3	SSF	1.4X	188	8	
2007	AUG	13	2057	13.71	19	20.65	155	4.27	7.27	39	.10	.5	.7	SF5	1.6X	176	7	
2007	AUG	13	2109	47.71	19	20.16	155	3.91	6.99	34	.10	.5	.8	SF5	1.4X	186	8	
2007	AUG	13	2114	20.40	19	23.11	155	4.24	8.61	50	.10	.5	.3	SF5	3.0X	144	2	
2007	AUG	13	2144	57.80	19	19.97	155	3.14	8.51	28	.09	.6	.9	SF5	1.4X	197	8	
2007	AUG	13	2157	44.70	19	20.14	155	2.72	6.53	42	.11	.6	.8	SF5	1.8X	198	8	
2007	AUG	13	2208	37.78	19	20.12	155	3.10	8.84	44	.09	.6	.4	SF5	2.0X	194	8	
2007	AUG	13	2221	58.34	19	20.16	155	2.07	0.50	32	.14	.9	.3	SSF	1.3X	203	8	
2007	AUG	14	0049	58.52	19	20.26	155	4.81	8.54	41	.08	.4	.4	SF5	1.5X	177	8	
2007	AUG	14	0052	14.93	19	20.29	155	3.58	7.00	39	.13	.6	.8	SF5	1.5X	188	8	
2007	AUG	14	0104	20.07	19	20.43	155	4.40	7.65	42	.11	.5	.6	SF5	2.0X	178	7	
2007	AUG	14	0133	13.80	19	21.27	155	3.00	9.51	43	.13	.6	.4	SF5 F	2.0X	182	6	
2007	AUG	14	0241	33.84	19	19.95	155	2.16	8.47	44	.09	.6	.5	SF5	2.1X	205	9	
2007	AUG	14	0401	31.00	19	20.63	155	3.66	8.06	48	.12	.5	.4	SF5	2.3X	183	7	
2007	AUG	14	0404	9.83	19	20.88	155	3.22	6.82	36	.09	.5	.8	SF5	1.7X	184	7	
2007	AUG	14	0436	21.95	19	20.15	155	4.15	8.74	44	.09	.5	.4	SF5	2.0X	184	8	
2007	AUG	14	0552	21.70	19	21.85	155	1.48	9.10	42	.07	.6	.4	SF5	2.0X	188	6	
2007	AUG	14	0723	51.81	19	22.95	155	4.76	9.42	34	.12	.5	.7	SF5	1.4X	140	3	
2007	AUG	14	0750	28.97	19	19.96	155	4.25	8.35	31	.07	.5	.9	SF5	1.4X	186	8	
2007	AUG	14	0759	59.09	19	17.86	155	13.20	6.06	21	.06	.5	1.2	SF2	1.5X	103	2	
2007	AUG	14	0803	38.21	19	20.92	155	3.86	9.59	35	.09	.5	.4	SF5	1.5X	177	6	
2007	AUG	14	0940	53.12	19	33.89	155	14.49	24.10	48	.11	.5	1.0	DEP	2.7X	71	17	
2007	AUG	14	1009	24.93	19	22.01	155	1.38	6.43	30	.13	.8	1.2	SF5	1.4X	188	6	
2007	AUG	14	1025	49.06	19	20.97	155	4.33	10.29	14	.07	.9	1.3	SF5	2.1X	173	6	
2007	AUG	14	1329	32.99	19	21.10	155	1.94	3.14	27	.19	.9	1.8	SSF	1.7X	193	7	
2007	AUG	14	1823	41.85	19	21.92	155	4.87	6.02	25	.18	.8	1.5	SF5	1.4X	152	5	
2007	AUG	14	1903	55.60	19	20.99	155	3.12	5.87	24	.11	.7	1.8	SF5	1.5X	184	6	
2007	AUG	14	2219	41.52	19	21.19	155	48.98	12.39	41	.10	.5	.2	KON	2.1X	113	11	
2007	AUG	14	2229	9.34	19	17.25	155	13.44	5.08	19	.06	.5	1.0	SF2	1.6X	99	0	
2007	AUG	14	2241	44.56	19	20.32	155	13.03	5.31	22	.15	.5	1.5	SF2	1.3X	67	4	
2007	AUG	15	0127	18.61	19	41.40	155	19.48	44.17	19	.09	1.0	1.2	KEA	1.5X	158	17	
2007	AUG	15	0149	30.50	19	20.55	155	3.81	5.04	27	.15	.8	2.2	SF5	1.1X	182	7	
2007	AUG	15	0154	42.93	19	24.19	155	17.08	1.75	15	.06	.3	.3	SSC	1.3X	101	1	
2007	AUG	15	0202	28.50	19	19.97	155	2.56	5.62	34	.12	.7	1.2	SF5	1.5X	201	9	
2007	AUG	15	0223	10.09	19	19.92	155	12.73	9.73	52	.10	.4	.3	SF2 F	4.4U	75	5	
2007	AUG	15	0416	6.25	19	22.62	154	59.26	8.23	31	.14	1.0	.6	LER	1.3X	200	5	
2007	AUG	15	0438	59.60	19	20.18	155	4.32	7.78	40	.11	.4	.4	SF5	1.6X	182	8	
2007	AUG	15	0449	9.08	19	19.95	155	4.06	8.04	36	.12	.7	.5	SF5	1.5X	188	8	
2007	AUG	15	0645	11.84	19	21.10	155	5.91	7.91	40	.11	.4	.5	SF4	2.1X	149	5	
2007	AUG	15	1344	18.56	19	23.54	155	12.11	28.96	42	.10	.6	.8	DEP	2.3X	49	2	
2007	AUG	15	1429	7.44	19	20.81	155	5.13	8.09	38	.07	.4	.6	SF5	1.7X	164	6	
2007	AUG	15	1524	30.31	19	20.43	155	4.34	9.13	40	.09	.6	.5	SF5	1.7X	179	7	
2007	AUG	15	1636	23.86	19	19.51	155	8.44	9.03	47	.10	.4	.4	SF4	2.3X	109	4	
2007	AUG	15	1641	53.71	18	49.72	155	14.30	46.13	33	.11	1.3	2.4	LOI	1.7X	282	44	
2007	AUG	15	1846	41.22	19	18.37	155	9.83	9.08	34	.08	.5	.7	SF3	1.3X	124	4	

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN	62
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	AUG	15	1915	1.90	19	28.53	155	53.20	6.13	29	.13	.5	1.0	KON	1.5X	119	4	
2007	AUG	15	1940	19.30	19	18.85	155	12.69	8.50	47	.10	.4	.4	SF2	2.0X	95	4	
2007	AUG	15	1955	5.28	19	18.71	155	12.78	8.32	47	.10	.4	.4	SF2	2.3X	96	3	
2007	AUG	15	2018	27.14	19	17.51	155	15.81	4.55	32	.10	.4	1.5	SSF	1.0X	134	4	
2007	AUG	15	2305	55.05	19	23.39	154	57.20	8.88	29	.12	.8	.5	LER	1.3X	216	4	
2007	AUG	16	0030	22.38	20	5.38	156	8.75	46.15	18	.11	2.1	4.2	KOH	1.8X	325	55	
2007	AUG	16	0302	32.43	19	31.44	155	14.84	27.74	48	.10	.4	1.0	DEP F	3.8U	62	12	
2007	AUG	16	0334	50.91	19	30.97	155	15.02	25.69	43	.10	.4	.8	DEP	1.8X	61	11	
2007	AUG	16	0529	53.35	19	31.57	155	14.72	26.42	48	.10	.5	.9	DEP	2.5X	63	12	
2007	AUG	16	0619	39.26	19	31.76	155	41.47	10.23	22	.11	.6	1.4	MLO	1.1X	83	8	
2007	AUG	16	0633	54.80	19	19.55	155	7.10	7.61	36	.07	.4	.8	SF4	1.5X	147	4	
2007	AUG	16	0916	40.00	19	24.74	155	38.12	3.27	28	.15	.4	.5	MLO	1.4X	100	1	
2007	AUG	16	1015	57.22	19	28.48	155	25.09	2.97	27	.11	.3	.8	KAO	1.6X	58	4	
2007	AUG	16	1232	48.87	19	21.10	155	6.11	5.50	21	.14	.6	2.0	SF4	1.0X	176	5	
2007	AUG	16	1237	52.57	19	20.25	155	13.14	5.57	22	.13	.5	1.2	SF2	1.0X	66	4	
2007	AUG	16	1414	59.15	19	17.94	155	13.92	7.41	33	.10	.5	.8	SF2	1.6X	83	2	
2007	AUG	16	1503	10.67	19	19.39	154	57.32	7.50	41	.13	.9	.5	LER	2.2X	239	11	
2007	AUG	16	1509	50.39	19	20.87	155	2.92	6.64	44	.13	.6	.7	SF5	2.0X	187	7	
2007	AUG	16	1615	27.80	19	20.29	154	58.11	8.51	48	.12	.7	.4	LER F	2.8X	230	9	
2007	AUG	16	1627	28.12	19	19.56	155	10.76	8.20	21	.08	.6	1.0	SF3	1.6X	97	6	
2007	AUG	16	1627	55.43	19	29.81	155	43.22	1.80	13	.12	.9	1.0	KON	1.4U	127	5	
2007	AUG	16	1641	56.88	19	24.90	154	59.87	10.37	41	.10	.6	.3	LER	2.3X	148	2	
2007	AUG	16	1657	16.01	19	23.31	154	59.51	8.70	40	.14	.8	.5	LER	1.7X	191	4	
2007	AUG	16	1706	55.64	19	23.83	154	59.79	6.22	15	.09	.9	1.6	LER	1.2X	182	3	
2007	AUG	16	1710	50.63	19	19.63	154	55.67	6.56	34	.12	.6	.6	LER	1.6X	250	11	
2007	AUG	16	1734	33.05	19	20.33	155	11.39	7.94	16	.04	.5	1.4	SF3	1.6X	83	5	
2007	AUG	16	1957	45.12	19	20.91	155	5.41	3.46	24	.13	.6	1.2	SSF	1.1X	159	6	
2007	AUG	16	2050	7.10	19	21.24	155	3.26	6.06	35	.14	.6	1.1	SF5	1.3X	179	6	
2007	AUG	16	2053	14.51	19	20.12	155	29.92	9.57	27	.09	.3	.8	KAO	.9X	82	6	
2007	AUG	17	0006	20.51	19	30.81	156	19.40	34.98	26	.13	1.5	2.8	KON	1.8X	297	43	
2007	AUG	17	0139	58.68	19	18.33	155	15.17	9.17	34	.08	.4	.4	SF1	1.4X	105	4	
2007	AUG	17	0246	41.65	19	15.22	155	3.72	48.03	39	.09	.9	.9	DEP	1.8X	229	8	
2007	AUG	17	0416	30.30	19	21.23	155	0.23	7.31	38	.11	.7	.5	SF5	2.1X	207	8	
2007	AUG	17	0419	19.29	19	21.19	155	1.84	4.35	33	.10	.6	1.6	SSF	1.6X	193	7	
2007	AUG	17	0606	4.76	19	26.13	155	24.32	10.29	31	.09	.4	.8	KAO	1.7X	78	7	
2007	AUG	17	0730	0.37	19	29.12	155	26.06	8.59	18	.13	.5	1.2	KAO	1.3X	97	5	
2007	AUG	17	0846	48.11	19	20.48	155	5.06	6.67	20	.12	.8	1.6	SF5	1.2X	209	7	
2007	AUG	17	0928	25.86	19	27.04	155	42.87	11.11	17	.11	.7	1.4	MLO	1.1X	131	8	
2007	AUG	17	1031	8.89	19	24.41	155	16.98	1.79	16	.05	.3	.2	SSC	1.2X	113	1	
2007	AUG	17	1636	49.38	19	18.74	155	13.45	8.38	31	.08	.4	.8	SF2	1.4X	77	3	
2007	AUG	17	1739	8.42	19	21.12	155	2.84	10.63	31	.07	.6	.4	SF5	1.3X	185	6	
2007	AUG	17	1800	45.19	19	21.76	155	5.84	9.34	48	.11	.5	.4	SF4	2.5X	142	4	
2007	AUG	17	1840	58.31	19	21.40	155	5.83	8.52	39	.08	.4	.6	SF4	1.7X	146	5	
2007	AUG	17	1855	9.65	19	28.54	155	12.72	10.81	34	.10	.3	1.0	GLN	1.6X	56	8	
2007	AUG	17	2000	54.69	19	20.37	155	8.78	8.46	34	.07	.4	.6	SF4	1.5X	102	5	

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	63
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	AUG	17	2130	16.07	19	19.17	155	11.06	5.76	32	.09	.4	1.0	SF3	1.3X	106	6	
2007	AUG	18	0002	17.29	19	18.48	155	28.44	9.40	28	.12	.4	.6	LSW	1.3X	81	7	
2007	AUG	18	0009	27.52	19	28.95	155	12.70	8.62	43	.11	.3	.7	GLN	1.6X	57	8	
2007	AUG	18	0011	15.61	19	28.50	155	12.86	11.61	48	.11	.3	.4	GLN	1.9X	56	8	
2007	AUG	18	0053	55.41	19	29.83	155	12.23	6.03	31	.13	.4	1.5	GLN	1.4X	116	10	
2007	AUG	18	0100	16.86	19	29.18	155	12.69	8.33	46	.12	.4	.8	GLN	1.8X	57	9	
2007	AUG	18	0106	17.73	19	28.29	155	12.77	11.44	48	.12	.3	.5	GLN	2.0X	55	7	
2007	AUG	18	0118	26.13	19	28.69	155	12.73	10.07	35	.10	.4	.9	GLN	1.5X	57	8	
2007	AUG	18	0202	46.70	19	28.21	155	12.72	11.63	33	.09	.5	.9	GLN	1.5X	108	7	
2007	AUG	18	0415	10.57	19	19.18	155	6.46	7.58	37	.10	.5	.7	SF4	1.6X	167	4	
2007	AUG	18	0502	25.16	19	10.82	155	27.73	7.16	25	.10	.5	1.1	LSW	1.3X	116	2	
2007	AUG	18	1154	14.32	19	13.58	155	19.62	27.53	37	.11	.7	1.2	DEP	1.7X	172	8	
2007	AUG	18	1201	48.21	19	18.88	155	4.05	37.60	26	.07	1.3	1.5	DEP	1.8X	210	7	
2007	AUG	18	1217	13.20	19	23.84	155	3.88	5.84	18	.13	.8	1.0	SF5	1.3X	163	1	
2007	AUG	18	1444	5.06	19	19.09	155	8.52	7.15	25	.09	.5	1.1	SF4	1.1X	106	3	
2007	AUG	18	1635	3.43	19	20.22	155	13.09	8.70	31	.07	.4	.6	SF2	1.5X	67	4	
2007	AUG	18	1743	21.24	19	19.37	155	9.16	6.55	31	.09	.4	.6	SF3	1.4X	91	4	
2007	AUG	18	1921	53.11	19	30.64	155	14.70	25.00	35	.11	.7	.9	DEP	1.7X	166	11	
2007	AUG	18	2022	1.78	19	20.28	155	2.12	1.25	17	.13	.7	.7	SSF	1.2X	201	8	
2007	AUG	18	2136	19.51	19	20.42	155	7.08	9.07	20	.09	.7	1.1	SF4	1.1X	137	5	
2007	AUG	18	2305	50.76	19	21.65	155	5.60	4.47	21	.12	.6	2.3	SSF	.9X	147	5	
2007	AUG	19	0008	41.87	19	21.19	155	5.99	7.34	38	.11	.4	.6	SF4	1.4X	146	5	
2007	AUG	19	0056	39.98	19	2.72	155	23.25	40.55	23	.10	1.1	1.7	LOI	1.5X	225	15	
2007	AUG	19	0101	41.27	19	28.89	155	26.73	9.63	38	.14	.4	.8	KAO	1.8X	47	6	
2007	AUG	19	0215	57.35	19	18.69	155	15.02	6.20	23	.14	.5	1.0	SF1	.9X	96	4	
2007	AUG	19	0359	19.00	19	19.48	155	7.65	6.85	33	.11	.4	.6	SF4	1.3X	132	4	
2007	AUG	19	0457	20.14	19	20.15	155	4.02	4.93	28	.14	.6	2.5	SSF	1.3X	186	8	
2007	AUG	19	0510	54.36	19	19.41	155	7.01	7.91	32	.11	.4	.6	SF4	1.3X	150	4	
2007	AUG	19	0517	44.01	19	24.39	155	19.56	5.07	22	.09	.4	.9	KAO	1.2X	62	1	
2007	AUG	19	0826	37.37	19	20.40	155	4.19	2.12	20	.12	.5	.7	SSF	1.2X	183	7	
2007	AUG	19	1154	21.57	19	15.55	155	30.68	6.56	20	.20	.5	1.4	LSW	1.6X	91	1	
2007	AUG	19	1503	49.76	19	34.70	155	50.81	27.75	26	.11	.9	1.2	KON	1.4X	204	11	
2007	AUG	19	1651	4.59	19	11.35	155	29.22	33.06	41	.10	.6	1.1	DLS	2.0X	76	4	
2007	AUG	19	2004	36.67	19	21.20	155	1.15	8.03	28	.10	.7	.7	SF5	1.3X	199	8	
2007	AUG	19	2210	4.70	19	19.50	155	7.95	4.87	22	.12	.5	2.0	SSF	.9X	122	4	
2007	AUG	20	0027	33.50	19	26.19	155	38.07	3.63	30	.11	.4	.6	MLO	2.0X	69	3	
2007	AUG	20	0034	48.35	19	25.95	155	37.48	3.05	33	.12	.3	.4	MLO	1.9X	82	3	
2007	AUG	20	0111	40.91	20	8.93	156	4.22	23.04	45	.12	1.3	2.7	KOH	2.8X	287	30	
2007	AUG	20	0219	59.67	19	11.67	155	7.38	42.91	33	.08	1.1	1.5	DEP	1.7X	233	11	
2007	AUG	20	0328	10.51	19	25.81	155	23.34	9.44	31	.09	.3	.7	KAO	1.4X	86	7	
2007	AUG	20	0736	48.81	19	20.00	155	8.04	8.75	16	.03	.6	1.3	SF4	1.7X	119	5	
2007	AUG	20	0943	2.02	19	21.07	155	1.15	2.75	27	.14	.7	1.3	SSF	1.0X	200	8	
2007	AUG	21	0302	51.80	19	15.07	155	32.17	7.66	39	.15	.4	1.0	LSW	1.6X	103	4	
2007	AUG	21	0352	42.70	20	24.48	155	43.72	36.82	25	.14	1.6	1.8	KOH	1.9X	314	31	
2007	AUG	21	0625	22.55	19	20.59	155	13.30	8.72	33	.07	.4	.5	SF2	1.2X	61	4	

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	64
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	AUG	21	0719	51.30	19	18.02	155	13.39	6.11	33	.08	.4	.9	SF2	1.2X	88	2	
2007	AUG	21	1240	18.72	19	24.36	155	17.06	1.73	14	.04	.3	.2	SSC	1.5X	108	1	
2007	AUG	21	1614	26.99	19	20.86	155	1.88	1.06	30	.11	.6	.3	SSF	1.4X	196	8	
2007	AUG	21	1741	21.49	20	7.05	156	16.24	45.10	13	.11	1.9	3.0	KOH	1.9X	307	51	
2007	AUG	21	2306	6.17	19	11.76	155	20.90	45.88	35	.08	.7	1.1	DEP	1.4X	187	12	
2007	AUG	21	2314	46.79	19	55.33	155	43.09	13.61	18	.08	1.4	.5	KOH	1.6X	249	9	
2007	AUG	21	2334	53.14	19	20.67	155	4.75	1.64	24	.14	.5	.5	SSF	.9X	171	7	
2007	AUG	22	0026	23.60	19	25.83	155	26.30	0.68	20	.10	.3	.5	KAO	.9X	57	7	
2007	AUG	22	0217	22.29	19	20.07	155	11.73	8.99	42	.08	.4	.5	SF3	1.5X	82	5	
2007	AUG	22	0337	5.76	19	26.86	155	30.00	9.61	25	.08	.3	.8	KAO	1.1X	70	6	
2007	AUG	22	0515	47.16	19	43.71	155	48.72	13.53	28	.10	.8	.4	HUA	1.3X	195	5	
2007	AUG	22	0525	20.60	19	19.87	155	12.25	8.01	46	.10	.4	.5	SF3	1.9X	82	5	
2007	AUG	22	0830	26.24	19	8.69	155	24.75	44.80	32	.09	1.0	1.4	LOI	1.6X	211	6	
2007	AUG	22	0832	19.34	19	2.44	155	23.78	30.84	17	.09	1.6	2.4	LOI	1.8X	288	15	
2007	AUG	22	0933	57.32	19	18.79	155	13.76	7.67	32	.07	.4	.8	SF2	1.3X	67	3	
2007	AUG	22	1039	59.96	19	19.61	155	7.75	8.44	39	.07	.4	.6	SF4	1.9X	129	4	
2007	AUG	22	1850	39.73	19	34.21	155	39.50	9.06	15	.11	.8	2.5	MLO	1.1X	132	11	
2007	AUG	22	1941	4.08	19	20.53	155	4.24	8.24	37	.07	.4	.6	SF5	1.1X	178	7	
2007	AUG	22	2016	29.64	19	34.20	155	39.51	7.91	19	.11	.5	2.3	MLO	1.2X	132	11	
2007	AUG	22	2207	23.09	19	24.33	155	17.04	1.71	18	.06	.3	.2	SSC	1.3X	108	1	
2007	AUG	22	2218	17.19	19	24.60	155	38.70	3.45	18	.11	.5	.6	MLO	1.2X	110	2	
2007	AUG	22	2315	4.01	19	10.14	155	30.81	39.09	24	.09	1.0	1.6	DLS	1.2X	165	5	
2007	AUG	22	2356	37.78	19	19.27	155	12.00	7.88	46	.08	.3	.4	SF3	1.5X	96	5	
2007	AUG	23	0356	43.80	19	18.88	155	13.17	7.76	39	.09	.4	.6	SF2	1.5X	82	3	
2007	AUG	23	0453	17.33	20	54.00	156	13.85	24.86	32	.13	1.7	2.5	DIS F	2.1U	311	21	
2007	AUG	23	0613	28.69	19	24.13	155	17.07	1.81	18	.07	.3	.2	SSC	1.4X	99	1	
2007	AUG	23	0613	54.73	19	24.34	155	17.09	1.89	15	.06	.3	.2	SSC	1.2X	106	1	
2007	AUG	23	0823	26.10	19	28.44	155	23.82	14.26	41	.11	.5	.4	DML	1.9X	78	3	
2007	AUG	23	0931	2.24	19	25.07	155	38.64	3.00	33	.10	.3	.4	MLO	1.9X	105	2	
2007	AUG	23	1002	16.96	19	24.22	155	17.11	1.71	20	.07	.3	.2	SSC	1.5X	101	1	
2007	AUG	23	1002	39.18	19	24.37	155	17.24	2.13	17	.07	.3	.2	SSC	1.3X	101	1	
2007	AUG	23	1124	46.11	19	24.39	155	17.03	1.88	15	.05	.3	.2	SSC	1.3X	111	1	
2007	AUG	23	1139	41.88	19	20.73	155	5.24	9.33	35	.07	.5	.6	SF5	1.6X	164	6	
2007	AUG	23	1346	24.51	19	26.00	155	38.04	3.55	15	.09	.8	.5	MLO	1.1X	187	3	
2007	AUG	23	1505	59.60	19	19.05	155	4.49	37.68	35	.06	1.0	.7	DEP	1.8X	202	7	
2007	AUG	23	1835	53.20	19	16.42	155	22.50	35.29	47	.11	.6	.9	DEP F	2.5X	139	7	
2007	AUG	23	1846	46.08	19	19.93	155	1.27	0.41	30	.10	.8	.3	SSF	1.4X	211	10	
2007	AUG	23	2028	39.94	19	18.04	155	30.10	10.05	41	.09	.3	.6	LSW	1.6X	73	5	
2007	AUG	23	2042	40.78	19	20.60	155	5.90	9.34	46	.10	.4	.4	SF4	2.0X	155	6	
2007	AUG	23	2202	36.22	19	20.16	155	6.60	8.61	47	.08	.4	.4	SF4	2.4X	149	6	
2007	AUG	23	2347	30.29	19	19.74	155	11.99	10.07	36	.08	.4	.5	SF3	1.2X	87	6	
2007	AUG	24	0447	8.12	19	20.88	155	5.63	8.56	36	.09	.5	.6	SF4	1.5X	155	6	
2007	AUG	24	0507	36.50	19	20.63	155	4.30	7.19	35	.08	.5	.8	SF5	1.2X	176	7	
2007	AUG	24	0642	41.89	19	47.88	156	13.44	4.09	22	.09	1.2	1.3	HUA	1.9X	298	42	
2007	AUG	24	0842	15.76	19	45.61	156	11.43	7.63	23	.07	1.2	.9	HUA	2.0X	260	53	

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 65
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	AUG	24	1155	40.81	19	19.39	155	7.92	30.37	33	.08	.9	.8	DEP	1.7X	145	4
2007	AUG	24	1449	11.34	19	24.50	155	29.57	10.47	26	.09	.4	1.0	KAO	1.2X	69	5
2007	AUG	24	2155	28.23	19	17.46	155	15.20	6.21	37	.09	.4	.8	SF1	1.3X	132	3
2007	AUG	24	2258	1.92	19	19.97	155	11.09	8.64	35	.10	.4	.6	SF3	1.3X	87	5
2007	AUG	24	2335	5.44	19	13.31	155	27.84	7.80	33	.17	.5	1.2	LSW	1.2X	104	5
2007	AUG	25	0125	4.19	19	22.19	155	5.20	8.79	39	.09	.4	.5	SF5	1.8X	145	4
2007	AUG	25	0144	26.08	19	27.30	155	26.12	7.76	43	.11	.3	.9	KAO	1.3X	43	7
2007	AUG	25	0234	8.87	19	17.37	155	12.08	8.41	26	.07	.5	.9	SF3	1.0X	166	3
2007	AUG	25	0701	17.57	19	24.15	155	30.40	9.29	29	.10	.4	1.0	KAO	1.0X	50	6
2007	AUG	25	1001	4.83	19	18.82	155	2.97	41.37	44	.09	.9	.7	DEP	1.9X	209	9
2007	AUG	25	1014	3.04	19	22.93	155	25.99	12.32	48	.11	.3	.3	KAO	1.8X	52	3
2007	AUG	25	1300	0.09	19	18.37	155	48.68	10.29	29	.12	.6	.5	KON	1.5X	122	8
2007	AUG	25	1448	15.55	19	7.97	155	25.77	39.97	23	.14	1.2	2.0	DLS T	1.7X	222	5
2007	AUG	25	1558	46.79	19	12.34	155	33.65	4.79	45	.13	.4	1.3	LSW	2.2X	89	11
2007	AUG	25	1806	45.65	19	39.44	156	8.09	37.28	33	.12	1.5	1.7	HUA	2.0X	248	29
2007	AUG	25	1820	58.14	19	20.07	155	3.32	39.29	44	.12	.8	.8	DEP	1.9X	199	8
2007	AUG	25	1936	56.60	19	24.39	155	16.91	1.85	23	.07	.3	.2	SSC	1.5X	115	1
2007	AUG	25	2204	52.49	19	11.77	155	41.27	1.38	31	.11	.4	.6	LSW	1.4X	75	9
2007	AUG	26	0024	35.61	19	22.49	155	39.35	15.39	28	.14	.5	.5	DML	1.3X	80	2
2007	AUG	26	0111	41.59	19	24.89	155	37.83	2.91	40	.12	.3	.3	MLO	1.7X	48	1
2007	AUG	26	0113	13.17	19	17.55	155	0.23	39.28	46	.10	.9	.7	DEP	2.5X	220	14
2007	AUG	26	0408	59.70	19	29.18	155	26.11	10.56	28	.11	.4	.7	KAO	1.2X	64	5
2007	AUG	26	0807	59.58	19	36.75	155	6.61	11.76	35	.11	.4	.9	HIL	1.3X	102	13
2007	AUG	26	1707	33.88	19	30.78	155	29.27	4.60	16	.11	.4	1.6	MLO	.9X	104	4
2007	AUG	26	2025	30.37	19	21.34	155	4.80	5.83	29	.14	.6	1.5	SF5	.8X	161	6
2007	AUG	26	2051	39.98	19	18.80	155	11.75	6.15	34	.10	.4	.9	SF3	1.3X	112	4
2007	AUG	26	2052	28.85	19	20.37	155	5.99	9.38	33	.11	.6	.7	SF4	1.2X	157	6
2007	AUG	26	2114	10.10	19	19.70	155	3.33	41.38	46	.10	.7	.8	DEP	2.3X	198	9
2007	AUG	26	2311	3.46	19	13.58	155	21.29	42.89	26	.11	1.0	1.3	DEP	1.2X	172	9
2007	AUG	27	0023	11.22	19	20.38	155	12.84	8.79	23	.05	.5	.8	SF2	.8X	77	4
2007	AUG	27	0037	45.14	19	20.30	155	6.80	8.81	42	.10	.4	.5	SF4	1.5X	144	6
2007	AUG	27	0148	21.37	19	56.75	155	31.38	35.37	16	.07	1.0	1.6	KEA	1.3X	231	17
2007	AUG	27	0722	50.87	19	4.54	155	21.08	39.22	29	.10	1.2	1.7	LOI	1.2X	208	15
2007	AUG	27	1139	24.41	19	19.45	155	8.20	7.54	36	.09	.4	.8	SF4	1.5X	135	4
2007	AUG	27	1221	52.37	19	21.64	155	4.82	6.89	40	.10	.5	.7	SF5	1.5X	157	5
2007	AUG	27	1538	28.07	19	31.02	155	2.10	40.61	50	.10	.6	.9	DEP	2.6X	117	12
2007	AUG	27	2032	12.14	19	19.86	155	8.12	8.56	32	.07	.5	.8	SF4	1.2X	117	5
2007	AUG	27	2055	35.28	19	21.62	155	5.94	7.30	29	.09	.5	.8	SF4	1.1X	143	4
2007	AUG	28	0133	40.14	19	17.85	156	25.59	37.06	48	.11	1.1	1.7	DIS	2.7X	283	57
2007	AUG	28	1026	12.70	19	20.71	155	53.75	9.85	18	.21	1.4	1.7	KON	1.2X	205	9
2007	AUG	28	1032	0.21	19	24.64	155	16.94	1.75	13	.08	.3	.3	SNC	1.1X	128	2
2007	AUG	28	1134	53.91	19	18.50	155	3.11	39.55	31	.09	.8	.9	DEP	1.3X	211	9
2007	AUG	28	1155	39.41	19	19.67	155	9.92	7.66	37	.08	.3	.5	SF3	1.5X	91	6
2007	AUG	28	1327	51.46	19	26.18	155	38.97	4.49	19	.09	.6	1.1	MLO	1.6X	111	4
2007	AUG	28	1337	20.64	19	24.34	155	17.15	1.86	11	.05	.3	.3	SSC	1.5X	104	1

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 66
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	AUG	28	1404	30.05	19	18.44	155	12.92	4.84	17	.06	.4	1.3	SSF	1.0X	98	3
2007	AUG	28	1608	59.47	19	19.13	155	10.13	7.53	29	.07	.5	.9	SF3	1.4X	107	5
2007	AUG	28	1842	33.95	19	20.00	155	12.99	5.43	13	.09	.5	1.3	SF2	.8X	120	5
2007	AUG	28	1845	34.53	19	14.68	155	20.37	43.49	19	.11	1.0	2.0	DEP	1.4X	154	7
2007	AUG	28	1854	14.86	19	20.31	155	12.09	7.10	15	.10	.5	.8	SF3	.8X	149	5
2007	AUG	28	1908	52.64	19	19.19	154	56.77	41.54	36	.09	1.0	1.0	LER	2.0X	256	11
2007	AUG	28	2117	4.61	19	32.71	155	14.57	27.30	38	.11	.5	1.1	DEP	1.9X	92	14
2007	AUG	28	2151	40.41	19	43.31	156	10.35	35.71	23	.11	2.2	2.2	HUA	1.6X	255	35
2007	AUG	28	2308	32.44	19	28.78	155	24.43	13.86	21	.08	.5	.7	DML	1.2X	122	8
2007	AUG	28	2332	49.83	19	18.41	155	15.00	5.19	22	.13	.5	1.6	SF1	.9X	101	4
2007	AUG	29	0028	7.03	19	19.45	155	11.59	6.64	23	.09	.5	.9	SF3	1.2X	96	6
2007	AUG	29	0124	40.54	19	24.27	155	17.06	1.70	14	.07	.3	.3	SSC	1.5X	104	1
2007	AUG	29	0128	3.31	19	21.74	155	5.32	4.14	28	.15	.7	1.7	SSF	1.4X	149	5
2007	AUG	29	0145	25.79	19	24.28	155	17.09	1.69	14	.05	.3	.3	SSC	1.4X	104	1
2007	AUG	29	0151	8.98	19	17.82	155	2.18	43.05	29	.09	1.1	1.0	DEP	1.6X	228	10
2007	AUG	29	0510	4.87	19	25.01	155	19.04	6.52	23	.09	.4	.9	KAO	1.2X	93	3
2007	AUG	29	0648	57.42	19	19.95	155	7.83	5.15	22	.13	.6	2.6	SF4	1.0X	124	5
2007	AUG	29	0711	6.34	19	21.80	155	26.88	12.21	37	.10	.4	.5	KAO	1.9X	69	2
2007	AUG	29	1016	4.63	19	25.56	155	19.70	7.12	23	.10	.5	.9	KAO	1.6X	133	3
2007	AUG	29	1100	52.80	19	28.53	155	24.50	8.50	16	.11	.6	2.1	KAO	1.4X	144	8
2007	AUG	29	1127	36.34	19	13.46	155	25.42	37.18	39	.09	.6	1.1	DLS	1.9X	135	8
2007	AUG	29	1139	12.44	19	13.16	155	25.19	36.51	28	.10	.8	1.6	DLS	1.5X	145	8
2007	AUG	29	1153	18.26	19	21.77	155	4.03	8.86	29	.10	.5	.6	SF5	1.5X	166	5
2007	AUG	29	1357	26.67	19	25.22	155	29.93	40.26	22	.07	.7	1.4	DML	1.6X	57	6
2007	AUG	29	1456	39.17	19	29.76	155	26.97	8.63	19	.09	.4	1.2	KAO	1.2X	105	4
2007	AUG	29	1544	11.39	19	21.99	155	26.97	12.83	42	.10	.4	.5	KAO	1.7X	67	1
2007	AUG	29	1644	28.06	19	19.63	155	8.91	8.40	36	.07	.4	.6	SF4	1.3X	98	5
2007	AUG	29	1750	35.05	19	40.26	155	10.38	42.69	35	.09	.9	1.1	KEA	1.6X	179	30
2007	AUG	29	2118	29.63	19	26.25	155	37.35	3.03	18	.11	.4	.5	MLO	1.3X	91	3
2007	AUG	30	0627	45.41	19	13.56	155	25.39	37.54	45	.10	.7	1.0	DLS	1.7X	134	9
2007	AUG	30	0631	29.73	19	12.71	155	25.87	39.52	33	.11	.9	1.3	DLS	1.3X	137	7
2007	AUG	30	0834	43.33	19	33.85	155	37.54	10.40	25	.11	.7	1.2	MLO	1.4X	184	9
2007	AUG	30	0845	51.94	19	13.73	155	25.32	38.37	47	.10	.7	1.0	DLS	2.2X	133	9
2007	AUG	30	0855	46.22	19	13.39	155	25.89	37.15	29	.08	.7	1.4	DLS	1.3X	134	8
2007	AUG	30	0927	43.14	19	20.60	155	12.84	9.15	36	.08	.4	.6	SF2	1.7X	66	4
2007	AUG	30	1247	28.34	19	20.66	155	4.97	8.90	36	.08	.4	.6	SF5	1.5X	168	7
2007	AUG	30	1306	8.43	19	18.58	155	8.55	8.37	34	.08	.4	.8	SF4	1.8X	101	3
2007	AUG	30	2051	44.33	19	15.71	155	25.17	0.65	42	.11	.4	.2	LSW	1.3X	119	9
2007	AUG	30	2324	32.09	19	13.86	155	26.65	9.67	39	.09	.3	.6	LSW	1.4X	117	6
2007	AUG	31	0234	0.47	19	26.35	155	22.05	11.34	39	.11	.4	.6	KAO	1.5X	48	6
2007	AUG	31	0430	42.32	19	20.60	155	4.44	8.70	43	.09	.4	.4	SF5	1.6X	175	7
2007	AUG	31	0442	6.01	19	22.72	155	15.17	1.58	16	.05	.2	.2	SEC	1.4X	82	1
2007	AUG	31	1603	48.51	19	18.69	155	13.42	9.28	47	.09	.4	.4	SF2	2.1X	133	7
2007	AUG	31	1918	9.96	19	18.28	155	13.07	8.94	43	.11	.5	.6	SF2	2.0X	97	2
2007	AUG	31	2010	51.81	19	27.19	155	28.74	9.98	27	.10	.4	1.0	KAO	1.2X	71	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
2007	AUG	31	2235	16.08	19	20.45	155	12.07	8.50	40	.08	.4	.5	SF3	1.3X	74	4
2007	SEP	1	0012	39.78	19	13.69	155	26.93	9.51	39	.15	.4	.6	LSW	1.5X	115	6
2007	SEP	1	0036	17.73	19	44.74	156	3.70	6.69	41	.13	1.0	.7	HUA	2.3X	235	24
2007	SEP	1	0105	24.71	19	19.38	155	2.87	43.28	47	.09	.7	.9	DEP	2.5X	200	9
2007	SEP	1	1042	42.85	19	21.61	155	5.14	5.46	29	.12	.6	1.7	SF5	1.1X	154	5
2007	SEP	1	1923	24.27	19	24.96	155	16.65	12.71	18	.07	.8	1.1	INT	.9X	210	2
2007	SEP	1	2046	15.12	19	21.14	155	17.97	5.02	17	.13	.5	1.5	SWR	1.0X	115	4
2007	SEP	1	2108	4.91	19	20.25	155	11.84	7.16	35	.11	.4	.6	SF3	1.4X	78	5
2007	SEP	1	2111	58.02	19	19.83	155	12.19	6.74	24	.10	.5	.9	SF3	1.2X	83	5
2007	SEP	2	0107	42.81	19	20.04	155	10.64	8.50	42	.10	.3	.3	SF3	2.4X	86	5
2007	SEP	2	0207	38.96	19	22.59	155	26.59	11.37	16	.12	.6	.9	KAO	.8X	78	2
2007	SEP	2	0301	10.93	19	24.27	155	17.14	1.61	23	.11	.3	.2	SSC	1.5X	102	1
2007	SEP	2	0539	42.39	19	51.67	155	35.08	17.38	43	.12	.6	1.7	KEA F	1.8X	173	8
2007	SEP	2	0723	57.53	19	19.69	155	6.92	8.28	32	.10	.5	.6	SF4	1.4X	148	5
2007	SEP	2	0836	17.60	19	24.71	155	17.05	1.97	15	.08	.3	.3	SNC	1.2X	126	2
2007	SEP	2	0914	37.54	19	5.39	155	24.70	34.46	38	.08	.9	1.3	LOI	1.8X	194	9
2007	SEP	2	0951	50.63	19	11.24	155	34.04	29.87	22	.12	.9	1.7	DLS	1.5X	154	10
2007	SEP	2	1142	46.51	19	24.41	155	17.12	1.78	19	.06	.3	.2	SSC	1.6X	108	1
2007	SEP	2	1349	48.62	19	24.32	155	17.24	1.85	18	.10	.3	.2	SSC	1.5X	99	1
2007	SEP	2	1505	28.45	19	26.38	155	28.23	8.85	21	.11	.4	1.0	KAO	1.2X	64	7
2007	SEP	2	2030	52.04	19	19.18	155	8.56	6.63	22	.13	.6	1.3	SF4	1.0X	105	4
2007	SEP	2	2115	59.36	19	21.08	155	4.67	2.90	21	.10	.5	.9	SSF	1.1X	166	6
2007	SEP	2	2244	43.23	19	12.43	155	7.42	45.25	34	.11	1.1	1.2	DEP	1.6X	225	9
2007	SEP	3	0048	30.33	19	19.44	155	10.07	7.81	31	.09	.4	.6	SF3	1.5X	98	5
2007	SEP	3	0048	45.16	19	19.93	155	10.06	8.57	46	.11	.3	.3	SF3	2.2X	87	5
2007	SEP	3	0050	24.55	19	19.75	155	10.31	5.85	33	.11	.4	.8	SF3	1.5X	92	6
2007	SEP	3	0051	5.28	19	19.54	155	10.43	7.98	41	.10	.4	.6	SF3	1.6X	97	6
2007	SEP	3	0055	48.03	19	19.70	155	10.07	7.97	35	.09	.4	.5	SF3	1.8X	92	6
2007	SEP	3	0228	2.30	19	19.59	155	8.48	7.50	33	.10	.4	.6	SF4	1.4X	108	4
2007	SEP	3	0243	46.63	19	19.53	155	8.58	5.83	16	.11	.5	1.6	SF4	.9X	123	4
2007	SEP	3	0249	5.71	19	24.16	155	17.09	1.60	22	.09	.3	.2	SSC	1.5X	99	1
2007	SEP	3	0422	27.97	19	18.34	155	13.29	6.01	24	.09	.4	1.0	SF2	1.0X	87	2
2007	SEP	3	0457	44.27	19	10.63	155	20.60	31.86	31	.08	.8	1.2	DEP	1.4X	179	13
2007	SEP	3	1125	5.26	19	19.60	155	7.13	7.27	18	.09	.5	1.0	SF4	1.2X	145	4
2007	SEP	3	1329	6.61	19	35.85	156	24.07	33.28	49	.12	1.2	2.1	DIS F	3.1X	276	52
2007	SEP	3	1503	1.70	19	12.01	155	24.97	36.36	49	.10	.6	1.0	DEP	2.3X	157	7
2007	SEP	3	2040	37.73	19	18.55	155	15.13	6.99	42	.10	.4	.6	SF1	1.7X	100	4
2007	SEP	3	2100	53.50	19	21.70	155	18.62	22.89	20	.05	.9	1.2	DEP	2.0X	71	4
2007	SEP	3	2118	3.98	19	18.54	155	15.25	6.90	34	.10	.4	.7	SF1	1.4X	101	4
2007	SEP	4	0143	13.93	19	27.12	155	27.40	11.54	17	.12	.5	.9	KAO	1.1X	65	9
2007	SEP	4	0343	59.66	19	20.76	155	2.66	11.69	29	.08	.7	.4	SF5	1.4X	190	7
2007	SEP	4	0420	23.69	19	55.65	156	28.69	10.11	24	.10	3.9	6.1	DIS	1.8X	294	72
2007	SEP	4	0449	1.33	19	21.18	155	18.39	35.10	38	.09	.7	.9	DEP	1.5X	57	5
2007	SEP	4	0454	45.96	19	29.47	155	43.68	11.93	20	.11	.6	1.1	KON	.6X	125	4
2007	SEP	4	0535	46.24	19	20.59	155	12.90	7.97	44	.13	.4	.5	SF2	1.6X	65	4

YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	SEP	4	0606	23.78	19	20.96	155	17.39	37.50	21	.10	.9	1.2	DEP	1.2X	69	4
2007	SEP	4	0617	25.10	19	33.45	156	23.50	31.86	39	.14	1.3	2.8	DIS	2.3X	281	50
2007	SEP	4	0851	3.81	19	22.43	155	2.98	6.03	22	.14	1.0	1.3	SF5	1.7X	167	4
2007	SEP	4	1245	49.66	19	21.42	155	29.55	11.47	34	.09	.3	.6	KAO	1.3X	64	4
2007	SEP	4	1321	55.34	19	17.79	155	13.17	4.79	16	.06	.5	1.1	SSF	1.2X	106	2
2007	SEP	4	1336	3.09	19	29.81	155	27.20	8.10	15	.08	.4	1.5	KAO	1.7X	101	4
2007	SEP	4	1337	38.55	19	29.76	155	27.29	7.87	15	.06	.3	1.3	KAO	1.6X	98	4
2007	SEP	4	1753	3.23	19	19.95	155	7.05	6.48	26	.11	.5	1.1	SF4	1.1X	143	5
2007	SEP	4	1826	41.52	19	19.89	155	7.61	6.75	19	.08	.4	1.1	SF4	.8X	130	5
2007	SEP	4	1947	3.32	19	18.45	155	12.85	4.95	24	.11	.4	1.4	SSF	1.0X	100	3
2007	SEP	4	1958	18.65	19	21.22	155	5.39	6.52	26	.11	.5	1.1	SF4	.9X	155	6
2007	SEP	4	2037	30.42	19	14.06	155	26.51	8.83	36	.14	.4	.7	LSW	1.2X	120	7
2007	SEP	4	2050	19.31	19	27.13	155	28.27	10.20	16	.12	.5	1.6	KAO	1.0X	72	9
2007	SEP	4	2258	48.00	19	18.85	155	15.09	7.06	37	.10	.4	.6	SF1	1.4X	94	4
2007	SEP	4	2317	23.03	19	17.74	155	2.14	41.06	29	.10	1.4	1.1	DEP	1.5X	229	10
2007	SEP	4	2328	14.80	19	19.18	155	9.75	7.12	20	.07	.5	.8	SF3	1.1X	102	5
2007	SEP	5	0425	53.01	19	21.71	155	5.33	5.78	24	.14	.6	1.4	SF4	.9X	149	5
2007	SEP	5	0516	49.04	19	31.07	155	28.58	5.75	38	.13	.3	1.1	MLO	1.4X	86	2
2007	SEP	5	0557	44.21	19	6.81	155	34.49	11.25	27	.11	.5	.6	LSW	1.4X	148	13
2007	SEP	5	0911	18.20	19	11.97	155	39.52	6.85	52	.18	.4	.8	LSW	2.9X	82	12
2007	SEP	5	1424	35.56	19	18.41	155	13.11	6.33	35	.10	.4	.8	SF2	1.4X	92	3
2007	SEP	5	1744	57.34	19	20.34	155	12.10	7.52	18	.07	.5	1.0	SF3	.9X	90	5
2007	SEP	5	1830	3.22	19	20.95	155	5.25	5.90	18	.14	.7	1.9	SF5	.8X	161	6
2007	SEP	5	1839	10.84	19	1.00	155	29.80	39.09	48	.08	.7	1.1	DLS	2.3X	208	16
2007	SEP	5	1852	33.89	19	20.21	155	13.01	8.49	31	.12	.5	.8	SF2	1.3X	68	4
2007	SEP	5	2008	2.77	19	11.40	155	25.04	33.70	21	.10	.8	1.6	DLS	1.1X	173	6
2007	SEP	5	2123	21.04	19	20.66	155	11.57	7.21	15	.06	.5	.8	SF3	1.1X	79	5
2007	SEP	6	0022	55.79	19	22.42	155	3.18	7.68	21	.13	.7	1.0	SF5	.9X	165	4
2007	SEP	6	0043	27.05	19	27.23	155	27.56	11.22	19	.12	.4	.9	KAO	1.4X	66	9
2007	SEP	6	0201	23.95	19	25.51	155	20.92	7.37	26	.10	.4	.9	KAO	1.3X	92	4
2007	SEP	6	0330	35.22	19	29.22	155	26.00	8.41	18	.11	.4	1.1	KAO	1.5X	81	5
2007	SEP	6	0610	15.28	19	19.48	155	11.76	5.35	21	.11	.5	1.9	SF3	1.0X	94	5
2007	SEP	6	0644	5.57	19	24.29	155	17.10	1.70	19	.05	.3	.2	SSC	1.5X	104	1
2007	SEP	6	1226	52.35	19	19.70	155	3.74	7.73	43	.12	.6	.6	SF5	1.9X	195	9
2007	SEP	6	1450	25.83	19	18.10	155	7.48	36.90	17	.09	2.0	1.8	DEP	1.5X	239	2
2007	SEP	6	1836	3.45	19	20.05	155	10.44	5.81	23	.10	.4	1.2	SF3	1.4X	86	5
2007	SEP	6	1956	26.26	19	23.61	155	16.58	14.62	17	.05	.6	.8	DEP	1.0X	134	3
2007	SEP	6	2245	5.44	19	18.29	155	29.95	6.50	20	.17	.5	1.4	LSW	.6X	89	6
2007	SEP	6	2358	8.09	19	18.30	155	15.63	9.13	39	.12	.5	.5	SF1	1.5X	112	4
2007	SEP	7	0032	22.45	19	19.60	155	7.31	5.92	29	.12	.4	.7	SF4	1.0X	141	4
2007	SEP	7	0253	21.32	19	19.05	155	15.46	7.10	43	.12	.4	.6	SF1	1.7X	95	5
2007	SEP	7	0253	41.25	19	18.61	155	15.29	7.57	41	.08	.3	.6	SF1	1.6X	101	4
2007	SEP	7	0310	15.88	19	21.53	155	29.99	11.72	25	.13	.4	.8	KAO	1.0X	62	5
2007	SEP	7	0424	6.92	19	26.28	155	29.59	10.29	39	.12	.3	.6	KAO	1.4X	42	8
2007	SEP	7	0524	6.75	19	26.70	155	28.67	8.71	15	.12	.5	1.5	KAO	.9X	67	8

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 69
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	SEP	7	1452	10.90	19	15.46	155	22.00	33.54	21	.09	.9	1.6	DEP	1.3X	176	7
2007	SEP	7	1551	34.75	19	20.89	155	53.28	13.95	25	.12	.8	.4	KON	1.6X	180	9
2007	SEP	7	1827	40.86	19	20.19	155	12.60	4.44	17	.14	.5	1.9	SSF	.9X	73	5
2007	SEP	7	1849	27.04	19	19.93	155	6.46	8.27	48	.09	.4	.4	SF4	2.1X	155	5
2007	SEP	7	2048	28.79	19	18.93	155	13.56	7.28	19	.08	.4	.9	SF2	.9X	82	4
2007	SEP	8	0036	2.32	19	20.12	155	4.56	2.42	16	.11	.6	1.2	SSF	1.0X	180	8
2007	SEP	8	0113	33.28	18	57.46	155	34.29	41.25	42	.08	.7	1.0	DLS	2.1X	234	11
2007	SEP	8	0649	11.85	19	19.74	155	10.76	5.15	19	.11	.4	1.8	SF3	1.0X	93	6
2007	SEP	8	0806	10.20	19	26.94	156	1.47	39.00	32	.11	.9	1.4	KON	1.7X	255	12
2007	SEP	8	0916	35.16	19	18.04	155	23.28	3.44	37	.11	.3	.7	SWR	1.5X	112	4
2007	SEP	8	0948	30.96	19	24.20	155	17.05	1.76	22	.08	.3	.2	SSC	1.6X	102	1
2007	SEP	8	1008	48.13	19	19.95	155	12.30	7.62	41	.11	.4	.6	SF2	1.7X	79	5
2007	SEP	8	1854	40.42	18	46.48	155	21.43	30.16	20	.11	1.5	3.8	LOI	1.7X	300	40
2007	SEP	8	1939	1.13	19	20.34	155	13.23	6.25	33	.11	.4	.8	SF2	1.6X	64	4
2007	SEP	8	2103	20.32	19	27.65	155	52.79	19.96	20	.14	1.2	2.7	KON	1.4X	130	5
2007	SEP	8	2122	17.50	19	16.57	156	17.74	30.07	49	.12	.9	2.2	KON F	3.2X	273	45
2007	SEP	8	2350	3.50	19	19.27	155	13.27	4.85	32	.13	.4	1.3	SSF	1.3X	75	4
2007	SEP	9	0217	25.53	19	29.39	154	54.47	1.97	40	.13	1.2	.8	SLE	1.7X	230	4
2007	SEP	9	0227	29.86	20	0.76	155	34.40	10.01	27	.09	.8	.5	KOH	1.9X	178	19
2007	SEP	9	0229	52.41	19	24.25	155	16.99	1.88	17	.06	.3	.2	SSC	1.7X	106	1
2007	SEP	9	0258	56.60	19	26.65	155	27.71	6.46	14	.13	.5	2.3	KAO	.9X	73	8
2007	SEP	9	0357	14.33	19	11.33	155	36.37	6.30	44	.17	.5	1.2	LSW	2.1X	95	13
2007	SEP	9	0549	29.11	19	8.41	155	37.63	7.50	26	.12	.6	1.4	LSW	1.5X	112	15
2007	SEP	9	0933	11.41	19	19.89	155	6.30	6.59	29	.11	.5	.9	SF4	1.3X	159	6
2007	SEP	9	0957	39.61	19	46.50	155	41.07	11.11	24	.08	.5	.6	KEA	1.6X	149	10
2007	SEP	9	1122	59.31	19	19.82	155	7.70	9.68	53	.09	.4	.3	SF4 F	3.0X	128	5
2007	SEP	9	1202	26.59	19	30.76	155	51.65	9.72	22	.15	.7	1.1	KON	1.7U	120	7
2007	SEP	9	1218	8.46	19	17.73	155	12.68	5.86	19	.08	.5	1.0	SF2	1.1X	133	2
2007	SEP	9	1625	37.99	19	20.74	155	7.43	6.63	21	.13	.5	1.2	SF4	1.5X	127	5
2007	SEP	9	1821	42.04	19	43.71	155	6.03	39.33	35	.10	.8	1.3	HIL	1.9X	165	8
2007	SEP	9	2119	47.51	19	24.74	155	17.00	1.81	24	.07	.3	.2	SNC	1.7X	131	2
2007	SEP	10	0053	34.10	19	17.97	155	13.30	6.40	15	.08	.6	1.2	SF2	1.1X	94	2
2007	SEP	10	0105	40.79	19	20.43	155	7.24	7.67	34	.09	.4	.6	SF4	1.5X	134	5
2007	SEP	10	0510	5.62	19	11.83	155	35.33	6.42	45	.14	.4	1.1	LSW F	3.1X	92	11
2007	SEP	10	0727	45.48	19	22.80	155	30.42	10.57	46	.08	.3	.5	KAO	2.4X	56	5
2007	SEP	10	1318	7.77	19	20.29	155	4.17	8.05	37	.11	.5	.4	SF5	1.9X	182	7
2007	SEP	10	1458	45.93	19	39.07	155	57.64	15.12	46	.11	.8	.4	HUA F	2.3X	212	13
2007	SEP	10	1612	45.60	19	6.92	155	28.52	29.91	31	.10	1.0	1.5	DLS	1.5X	217	5
2007	SEP	10	2255	17.98	19	17.45	155	12.87	5.95	17	.08	.6	1.1	SF2	.8X	143	1
2007	SEP	10	2315	24.05	19	20.21	155	11.26	6.58	21	.10	.5	1.0	SF3	1.3X	85	5
2007	SEP	11	0042	32.84	19	28.46	155	26.77	9.68	43	.13	.3	.7	KAO	1.6X	47	7
2007	SEP	11	0045	40.04	19	21.48	155	19.55	35.63	36	.11	.6	1.0	DEP	1.4X	48	4
2007	SEP	11	0316	31.14	19	20.51	155	4.26	6.75	40	.12	.5	.6	SF5	1.4X	178	7
2007	SEP	11	0322	53.60	19	29.21	155	37.10	12.59	22	.11	.5	.8	MLO L	1.5X	126	2
2007	SEP	11	0435	26.21	19	18.74	155	13.35	5.59	18	.07	.4	1.3	SF2	.8X	79	3

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 70
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	SEP	11	0553	14.55	19	46.35	155	20.95	14.87	24	.11	.8	.6	KEA	1.5X	133	11
2007	SEP	11	0924	3.73	19	17.83	155	13.11	7.30	38	.10	.4	.7	SF2	1.6X	108	2
2007	SEP	11	0935	12.01	19	29.21	155	42.84	10.02	26	.13	.5	1.1	MLO	1.5X	91	6
2007	SEP	11	1019	57.95	19	4.33	155	22.68	35.73	23	.09	1.3	1.9	LOI	1.8X	246	13
2007	SEP	11	2230	38.00	20	34.76	156	27.69	17.48	21	.14	1.8	16.9	DIS -	2.1X	326	87
2007	SEP	11	2313	2.54	19	20.82	155	7.65	8.67	25	.12	.5	.8	SF4	1.0X	122	5
2007	SEP	12	0155	48.73	19	10.15	155	40.28	2.07	27	.14	.4	.8	LSW	.9X	86	10
2007	SEP	12	0411	43.23	19	27.43	155	21.76	11.84	35	.13	.4	.5	KAO	1.6X	87	5
2007	SEP	12	0437	15.70	19	27.02	155	22.57	12.31	21	.09	.5	.7	KAO	1.1X	104	5
2007	SEP	12	0552	4.12	19	19.41	155	11.12	5.97	26	.09	.4	.8	SF3	1.2X	100	6
2007	SEP	12	0845	49.45	19	20.79	155	11.11	8.85	18	.06	.5	.9	SF3	1.3X	73	4
2007	SEP	12	0847	41.11	19	13.63	155	35.28	0.61	21	.16	.5	1.1	LSW	1.6X	78	9
2007	SEP	12	1013	57.46	19	14.77	155	32.83	5.38	37	.15	.5	1.3	LSW	1.8X	108	5
2007	SEP	12	1127	52.55	19	18.60	155	13.33	7.13	38	.10	.4	.7	SF2	1.7X	82	3
2007	SEP	12	1207	49.27	19	21.42	155	5.37	7.54	25	.14	.6	1.0	SF4	1.3X	190	5
2007	SEP	12	1215	15.41	19	24.92	155	39.08	3.19	18	.09	.5	.5	MLO	1.8U	117	2
2007	SEP	12	1943	34.44	19	20.46	155	5.23	7.54	34	.14	.7	1.0	SF5	1.8X	167	7
2007	SEP	12	2041	17.25	19	20.17	155	8.29	6.86	22	.11	.6	1.1	SF4	1.1X	112	5
2007	SEP	12	2129	59.69	19	30.95	155	27.74	4.33	18	.12	.4	1.0	MLO	1.4X	102	2
2007	SEP	12	2259	34.25	19	6.41	155	28.17	30.01	34	.10	.7	1.4	DLS	1.8X	177	6
2007	SEP	12	2315	0.86	19	20.14	155	8.04	4.00	19	.10	.6	1.8	SSF	.6X	118	5
2007	SEP	13	0334	37.68	19	24.52	155	37.16	1.51	19	.15	.4	.3	MLO	1.1X	66	1
2007	SEP	13	0409	32.85	19	15.64	155	7.52	43.88	46	.11	.8	1.0	DEP	2.0X	198	3
2007	SEP	13	0434	56.85	19	33.52	155	35.65	3.45	15	.15	1.2	2.5	MLO	.8X	232	8
2007	SEP	13	0455	16.86	19	22.70	155	24.62	9.57	21	.09	.4	.9	KAO	1.1X	84	5
2007	SEP	13	0627	10.89	19	29.23	155	26.17	6.40	17	.14	.5	1.7	KAO	1.2X	99	5
2007	SEP	13	0832	46.00	20	28.48	155	59.11	34.31	28	.11	2.2	1.5	DIS	2.4X	317	44
2007	SEP	13	1253	9.87	19	19.45	155	26.64	7.94	38	.14	.4	.8	KAO	1.4X	86	6
2007	SEP	13	1335	7.38	19	50.13	155	48.57	14.48	37	.11	.7	.5	HUA	2.2X	174	16
2007	SEP	13	1434	10.27	19	21.45	155	29.90	11.39	20	.10	.5	1.0	KAO	1.8X	74	4
2007	SEP	13	1447	1.41	19	14.87	155	27.78	6.90	26	.13	.4	1.2	LSW	1.0X	99	4
2007	SEP	13	1647	37.86	19	15.75	155	19.42	32.56	47	.10	.5	.9	DEP	2.3X	149	4
2007	SEP	13	1705	3.96	19	27.06	155	25.85	7.04	30	.15	.4	1.3	KAO	1.5X	60	7
2007	SEP	13	1840	57.76	19	21.91	155	28.41	5.40	18	.11	.4	.8	KAO	.9X	81	2
2007	SEP	13	2141	57.32	19	26.41	155	29.26	10.74	19	.12	.5	1.3	KAO	1.2X	65	8
2007	SEP	13	2255	15.79	19	20.59	155	5.49	8.47	40	.11	.4	.5	SF4	1.7X	162	6
2007	SEP	14	0222	54.90	19	20.18	155	7.30	5.89	33	.13	.5	1.0	SF4	1.2X	135	5
2007	SEP	14	0428	46.72	19	11.35	155	33.07	7.10	34	.14	.5	.9	LSW	1.5X	99	9
2007	SEP	14	0512	26.63	19	30.65	155	26.76	6.34	14	.11	.5	1.4	MLO	1.4X	125	3
2007	SEP	14	0627	5.07	19	13.98	155	34.50	7.18	20	.17	.6	2.6	LSW	1.6X	122	8
2007	SEP	14	0632	24.50	19	24.39	155	17.04	1.76	13	.09	.4	.3	SSC	1.0X	110	1
2007	SEP	14	0639	57.96	19	11.37	155	41.35	11.02	33	.10	.5	.6	LSW	1.7X	146	9
2007	SEP	14	0804	4.79	19	11.04	155	42.54	12.11	17	.12	.6	1.1	LSW	1.8X	73	7
2007	SEP	14	0937	9.68	19	25.75	155	18.88	6.55	21	.08	.5	.9	INT	1.2X	145	2
2007	SEP	14	1044	58.08	19	29.47	155	26.37	3.50	20	.13	.4	1.1	KAO	1.3X	103	5

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	71
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	SEP	14	1049	28.99	19	19.94	155	6.65	6.91	24	.07	.5	1.1	SF4	1.3X	178	5	
2007	SEP	14	1102	19.79	19	19.64	155	3.37	41.74	44	.08	.8	.7	DEP	2.4X	199	9	
2007	SEP	14	1638	1.63	19	28.17	155	27.16	9.56	31	.11	.4	1.0	KAO	1.5X	53	7	
2007	SEP	15	0213	49.35	19	22.00	155	25.75	11.79	42	.11	.4	.5	KAO	1.5X	63	3	
2007	SEP	15	0330	23.97	19	1.71	155	25.37	43.46	38	.09	1.0	1.4	DLS	1.5X	212	15	
2007	SEP	15	2001	51.15	19	24.44	155	17.08	1.89	18	.08	.3	.3	SSC	1.5X	111	1	
2007	SEP	15	2003	39.16	19	19.60	155	7.69	7.94	40	.06	.4	.6	SF4	1.7X	131	4	
2007	SEP	15	2154	52.37	19	51.66	155	40.44	13.52	45	.11	.9	.4	KEA	2.2X	222	1	
2007	SEP	15	2234	34.67	19	56.91	156	8.86	44.15	37	.08	1.1	1.6	KOH	2.2X	296	43	
2007	SEP	15	2310	1.41	19	19.91	155	12.36	9.24	43	.08	.4	.5	SF2	1.4X	79	5	
2007	SEP	16	1018	35.35	19	24.43	155	17.13	1.65	24	.06	.3	.2	SSC	1.7X	108	1	
2007	SEP	16	1628	6.61	19	59.72	155	27.30	8.64	22	.13	1.1	.6	KEA	1.7X	258	17	
2007	SEP	16	2110	49.72	19	20.14	155	4.40	7.18	39	.10	.5	.6	SF5	1.5X	182	8	
2007	SEP	17	0431	5.55	19	25.72	155	18.79	7.25	23	.07	.5	.8	INT	1.2X	145	2	
2007	SEP	17	0518	52.58	19	16.68	155	26.05	37.68	47	.09	.6	1.0	DLS	2.1X	106	8	
2007	SEP	17	0731	0.15	19	20.44	155	2.35	8.42	31	.07	.6	.6	SF5	1.6X	197	8	
2007	SEP	17	1407	51.16	19	18.36	155	13.59	5.02	34	.11	.4	1.2	SF2	1.4X	75	2	
2007	SEP	18	0936	8.63	19	18.87	155	8.58	9.71	29	.06	.5	.7	SF4	1.1X	121	3	
2007	SEP	18	1244	46.23	19	14.06	155	35.00	5.39	43	.14	.4	1.1	LSW	1.9X	76	9	
2007	SEP	18	1704	58.13	19	20.05	155	13.15	5.30	28	.13	.5	1.3	SF2	1.4X	68	5	
2007	SEP	18	1808	17.73	19	21.35	155	4.74	6.21	37	.11	.5	.7	SF5	1.5X	162	6	
2007	SEP	18	2007	22.16	19	20.16	155	6.91	7.47	31	.09	.4	.6	SF4	1.3X	143	5	
2007	SEP	19	0114	21.25	19	22.83	155	29.81	8.42	28	.11	.3	.8	KAO	1.2X	58	4	
2007	SEP	19	0305	12.34	19	57.33	155	53.32	10.47	19	.09	1.3	.8	KOH	1.6X	206	22	
2007	SEP	19	0448	51.44	19	23.63	155	29.79	9.81	32	.08	.3	.7	KAO	1.4X	53	4	
2007	SEP	19	0535	36.91	19	19.60	155	8.75	7.47	42	.11	.4	.5	SF4	1.6X	102	4	
2007	SEP	19	0930	27.68	19	21.70	155	51.45	34.00	44	.08	.6	1.1	KON	2.2X	148	11	
2007	SEP	19	1026	59.19	19	32.94	155	37.20	10.14	34	.13	.6	.9	MLO	1.8X	143	7	
2007	SEP	19	1228	21.44	19	18.09	155	31.20	7.00	18	.19	.5	2.2	LSW	1.5X	77	6	
2007	SEP	19	1248	9.71	19	19.89	155	10.66	5.27	31	.14	.4	1.6	SF3	1.4X	89	5	
2007	SEP	19	1349	44.27	19	22.76	155	28.29	10.97	22	.12	.5	1.0	KAO	1.1X	75	1	
2007	SEP	19	1405	29.75	19	1.16	155	28.10	35.62	28	.10	1.0	1.5	DLS	1.7X	219	15	
2007	SEP	19	1507	59.59	19	34.69	155	54.71	25.43	21	.12	1.3	1.9	KON	1.1X	208	10	
2007	SEP	19	1546	20.02	19	19.89	155	13.18	4.86	19	.09	.4	1.6	SSF	1.0X	73	5	
2007	SEP	19	1635	8.23	19	19.85	155	10.04	6.90	23	.08	.5	1.1	SF3	1.2X	88	5	
2007	SEP	19	1839	59.11	19	56.47	155	46.46	14.65	19	.08	.8	.4	KOH	1.6X	165	15	
2007	SEP	19	2131	42.44	19	18.65	155	15.09	6.55	45	.10	.4	.6	SF1	1.7X	98	4	
2007	SEP	19	2134	57.53	19	18.90	155	15.17	8.66	47	.12	.4	.4	SF1	2.1X	92	4	
2007	SEP	20	0140	43.76	19	21.56	155	6.50	7.86	32	.12	.5	.6	SF4	1.2X	135	4	
2007	SEP	20	0227	21.90	19	10.13	155	27.08	5.85	39	.13	.5	.9	LSW	1.7X	161	2	
2007	SEP	20	0315	27.10	19	24.77	155	38.74	3.36	16	.08	.4	.4	MLO	1.4U	107	2	
2007	SEP	20	0326	21.27	19	20.83	155	5.90	7.86	38	.11	.4	.5	SF4	1.4X	153	6	
2007	SEP	20	0648	32.10	19	10.72	155	27.14	3.81	27	.11	.7	1.2	LSW	1.5X	141	3	
2007	SEP	20	1101	51.16	19	29.66	155	39.74	15.41	23	.14	.6	.5	DML	1.5X	96	7	
2007	SEP	20	1726	13.08	19	20.48	155	24.71	10.67	49	.13	.3	.4	SWR	2.2X	83	3	

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	72
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	SEP	20	1826	54.97	19	19.27	155	9.56	1.93	19	.11	.4	1.0	SSF	.9X	98	5	
2007	SEP	20	1831	42.61	19	19.06	155	13.07	6.90	39	.10	.4	.6	SF2	1.7X	82	4	
2007	SEP	20	1937	36.67	19	20.57	155	4.72	4.25	29	.11	.5	1.4	SSF	1.3X	172	7	
2007	SEP	21	0239	25.97	19	20.43	155	2.97	6.18	24	.09	.7	1.7	SF5	1.0X	191	7	
2007	SEP	21	0451	52.88	19	17.42	155	13.09	6.77	20	.08	.6	1.3	SF2	1.1X	133	1	
2007	SEP	21	0709	16.01	19	24.01	155	26.09	3.31	18	.11	.4	1.0	KAO	.9X	59	4	
2007	SEP	21	0810	56.83	19	27.27	155	14.43	31.63	49	.10	.5	.8	DEP	2.3X	51	5	
2007	SEP	21	1037	13.58	19	11.83	155	20.16	30.39	30	.11	.9	1.6	DEP	1.6X	173	12	
2007	SEP	21	1047	56.94	19	8.71	155	28.06	8.33	26	.12	.6	1.0	LSW	1.3X	165	1	
2007	SEP	21	1323	5.64	19	19.37	155	7.63	7.47	33	.10	.4	.8	SF4	1.5X	155	4	
2007	SEP	21	1722	7.15	19	19.88	155	9.23	6.12	35	.11	.4	.9	SF3	1.4X	92	5	
2007	SEP	21	1937	30.92	19	25.35	155	28.76	8.02	18	.11	.4	1.4	KAO	1.1U	91	6	
2007	SEP	21	2045	34.12	19	20.63	155	2.59	5.57	39	.13	.6	.9	SF5	1.6X	193	7	
2007	SEP	21	2117	51.00	19	53.87	155	21.95	34.92	41	.09	.7	1.2	KEA	1.7X	169	3	
2007	SEP	22	0005	31.01	19	24.62	155	29.69	9.48	18	.09	.4	1.0	KAO	1.1X	54	5	
2007	SEP	22	0107	25.11	19	19.07	155	13.36	6.15	41	.10	.4	.6	SF2	1.6X	76	4	
2007	SEP	22	0434	41.58	19	22.13	155	4.60	7.63	41	.12	.5	.4	SF5	1.4X	153	4	
2007	SEP	22	0608	21.33	19	19.46	155	10.69	5.23	29	.12	.5	1.5	SF3	1.1X	99	6	
2007	SEP	22	0721	52.42	19	15.66	155	25.84	3.68	22	.14	.5	2.2	LSW	1.1X	169	8	
2007	SEP	22	0907	41.36	19	20.41	155	7.09	7.84	23	.12	.6	1.1	SF4	1.3X	136	5	
2007	SEP	22	0919	26.26	19	19.52	155	7.50	8.58	39	.09	.4	.4	SF4	2.0X	136	4	
2007	SEP	22	0952	14.31	19	19.78	155	6.94	5.54	25	.10	.5	1.6	SF4	1.0X	147	5	
2007	SEP	22	1535	38.89	19	25.01	154	59.13	4.26	30	.12	.7	.5	SLE	1.6X	156	1	
2007	SEP	22	1817	27.20	19	21.35	155	18.16	25.16	15	.11	1.4	1.1	DEP	1.0X	194	4	
2007	SEP	22	2058	16.32	19	24.35	155	17.02	1.89	17	.05	.3	.2	SSC	1.4X	109	1	
2007	SEP	22	2159	34.37	19	19.46	155	11.95	6.11	24	.10	.4	1.2	SF3	1.0X	92	5	
2007	SEP	22	2207	7.48	19	34.13	155	42.79	9.58	21	.11	.7	1.3	MLO	.8X	95	9	
2007	SEP	22	2326	6.79	19	20.57	155	4.35	4.76	25	.14	.6	3.3	SSF	.8X	176	7	
2007	SEP	23	0125	40.85	19	24.41	155	17.06	1.54	23	.11	.3	.2	SSC	1.5X	110	1	
2007	SEP	23	0252	12.08	19	16.18	155	26.18	8.75	45	.12	.3	.5	LSW	1.9X	109	7	
2007	SEP	23	0434	33.23	19	20.03	155	11.07	6.74	31	.09	.4	.7	SF3	1.6X	86	5	
2007	SEP	23	0612	25.04	19	20.75	155	5.71	6.94	23	.13	.7	1.2	SF4	1.0X	157	6	
2007	SEP	23	0950	31.05	19	56.33	155	42.00	30.41	27	.09	.6	1.7	KOH	1.8X	131	10	
2007	SEP	23	1000	17.75	19	19.57	155	8.10	9.52	18	.08	.6	1.1	SF4	.9X	119	4	
2007	SEP	23	1424	24.72	19	15.07	155	22.98	36.43	42	.10	.6	1.0	DEP	1.7X	140	9	
2007	SEP	23	1525	3.47	19	36.27	155	52.49	28.60	50	.10	.6	1.1	KON	2.8X	169	14	
2007	SEP	23	1605	0.68	19	20.27	155	7.60	3.97	24	.14	.4	1.4	SSF	1.0X	128	5	
2007	SEP	23	1739	2.36	19	20.67	155	6.82	6.16	23	.11	.5	1.2	SF4	1.3X	139	5	
2007	SEP	23	1806	30.30	19	13.89	155	21.08	14.40	28	.12	.8	.5	DEP	1.0X	185	9	
2007	SEP	23	1855	0.74	19	20.16	155	24.21	8.87	22	.08	.4	.9	SWR	1.2X	116	2	
2007	SEP	23	1920	0.54	19	19.62	155	7.85	5.36	24	.12	.5	1.5	SF4	1.1X	126	4	
2007	SEP	23	1932	18.52	20	14.91	155	43.90	35.71	52	.10	1.0	1.2	KOH	F	3.2X	288	14
2007	SEP	23	2036	11.16	19	20.04	155	13.06	5.52	23	.11	.5	1.4	SF2		1.1X	69	5
2007	SEP	23	2107	54.53	19	20.65	155	1.09	8.30	26	.10	1.0	.6	SF5		1.2X	214	9
2007	SEP	23	2147	25.06	19	21.96	155	4.81	7.64	40	.13	.5	.4	SF5		1.7X	152	5

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	73
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	SEP	23	2219	57.39	19	27.57	155	54.40	17.35	20	.12	1.4	2.3	KON	1.5U	170	3	
2007	SEP	23	2335	32.50	19	20.49	155	4.61	7.60	45	.11	.4	.4	SF5	2.6X	175	7	
2007	SEP	24	0018	12.58	19	4.15	155	21.36	36.95	28	.09	1.1	1.8	LOI	1.6X	224	15	
2007	SEP	24	0046	14.68	19	26.74	155	51.57	14.52	18	.12	.8	.5	KON	1.0X	124	8	
2007	SEP	24	0143	36.12	19	20.49	155	3.81	3.55	34	.13	.6	1.4	SSF	1.3X	183	7	
2007	SEP	24	0210	3.31	19	18.85	155	12.98	4.73	22	.11	.5	1.6	SSF	.9X	88	3	
2007	SEP	24	0253	5.03	19	57.00	155	30.79	40.06	48	.10	.7	1.1	KEA	2.2X	164	18	
2007	SEP	24	0510	24.27	19	13.38	155	25.79	6.08	21	.11	.6	1.5	LSW	1.1X	136	8	
2007	SEP	24	0540	12.36	19	20.06	155	3.75	2.07	28	.14	.5	.7	SSF	1.1X	189	8	
2007	SEP	24	0651	57.64	19	8.15	155	24.01	41.43	44	.10	.8	1.2	LOI	2.0X	182	7	
2007	SEP	24	0750	23.37	19	21.91	155	2.70	7.42	38	.13	.5	.5	SF5	1.5X	177	5	
2007	SEP	24	0807	0.06	19	23.90	154	48.20	41.71	41	.11	1.1	.8	LER	2.2X	285	14	
2007	SEP	24	0939	33.46	19	10.79	155	40.57	4.44	38	.13	.3	1.8	LSW	1.9X	82	10	
2007	SEP	24	1313	22.26	19	19.79	155	8.79	5.72	27	.11	.5	1.5	SF4	1.4X	117	5	
2007	SEP	24	1359	34.20	19	17.63	155	12.98	9.80	38	.11	.5	.6	SF2	2.1X	148	9	
2007	SEP	24	1543	58.35	19	25.99	155	37.41	2.90	37	.12	.3	.4	MLO F	2.6X	65	3	
2007	SEP	24	2102	51.49	19	22.29	155	1.36	6.44	28	.12	.8	.6	SF5	1.4X	205	6	
2007	SEP	24	2151	58.71	19	17.44	155	12.52	5.87	22	.08	.7	1.1	SF2	1.0X	187	2	
2007	SEP	25	0046	51.59	19	16.42	155	12.31	8.13	22	.10	.7	1.0	SF2	1.4X	234	2	
2007	SEP	25	0333	28.18	19	25.85	155	37.52	2.96	19	.12	.4	.6	MLO	1.4X	66	3	
2007	SEP	25	0629	22.08	19	32.73	155	53.13	0.88	24	.15	.9	.7	KON	1.6X	168	7	
2007	SEP	25	0830	49.20	19	20.01	155	11.82	8.10	29	.08	.4	.7	SF3	1.5X	83	5	
2007	SEP	25	0954	56.64	19	24.22	155	17.02	1.73	20	.08	.3	.2	SSC	1.5X	103	1	
2007	SEP	25	1443	55.73	19	19.70	155	7.93	5.24	22	.12	.5	2.0	SF4	.8X	143	4	
2007	SEP	25	1842	47.97	19	16.54	155	27.96	7.38	24	.14	.5	1.0	LSW	.7X	148	5	
2007	SEP	25	2210	24.62	19	21.00	155	5.85	7.20	24	.12	.6	1.2	SF4	1.2X	151	5	
2007	SEP	26	0047	49.25	19	46.74	155	27.45	25.55	18	.09	.8	1.4	KEA	1.4X	101	0	
2007	SEP	26	0128	43.35	19	15.07	155	26.33	7.91	19	.14	.6	1.3	LSW	1.0X	115	7	
2007	SEP	26	0156	41.56	19	9.46	155	36.63	0.78	29	.12	.4	.5	LSW	1.3X	110	15	
2007	SEP	26	0906	14.75	19	20.85	155	5.69	9.52	28	.07	.5	.8	SF4	1.4X	155	6	
2007	SEP	26	0954	14.00	19	27.18	155	14.47	32.02	46	.11	.5	.9	DEP	2.2X	50	5	
2007	SEP	26	0957	58.45	19	22.73	155	16.52	12.56	35	.10	.5	.6	INT	1.6X	49	1	
2007	SEP	26	1009	5.88	19	20.11	155	24.72	9.85	26	.07	.4	.7	SWR	1.2X	86	2	
2007	SEP	26	1022	21.70	19	19.79	155	11.64	7.16	42	.11	.4	.6	SF3	1.7X	89	6	
2007	SEP	26	1033	27.09	19	21.04	155	5.84	7.89	39	.09	.4	.6	SF4	1.5X	152	5	
2007	SEP	26	1037	13.43	19	20.94	155	5.91	7.41	38	.10	.4	.7	SF4	1.8X	152	5	
2007	SEP	26	2015	38.97	19	23.31	155	29.68	10.45	50	.10	.3	.5	KAO F	2.3X	55	4	
2007	SEP	26	2035	53.03	19	16.21	155	22.48	32.77	30	.12	.9	1.4	DEP	1.4X	168	7	
2007	SEP	26	2316	6.27	19	24.73	155	37.83	2.99	43	.13	.3	.4	MLO	2.2X	70	1	
2007	SEP	27	0504	27.58	19	17.65	155	12.83	8.30	41	.10	.4	.6	SF2	1.6X	131	2	
2007	SEP	27	0738	18.16	19	21.05	155	5.93	9.03	48	.08	.4	.4	SF4	2.2X	149	5	
2007	SEP	27	1043	45.58	19	21.47	155	5.80	8.23	37	.08	.4	.6	SF4	1.4X	149	5	
2007	SEP	27	1704	17.49	19	20.99	155	18.90	4.40	24	.10	.3	1.1	SWR	1.3X	85	3	
2007	SEP	27	1722	29.28	19	17.14	155	28.02	8.81	27	.12	.4	1.1	LSW	1.2X	88	5	
2007	SEP	27	1907	29.72	19	35.24	155	16.51	29.07	43	.12	.6	1.1	KEA	1.8X	74	16	

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	74
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	SEP	27	2305	8.73	19	24.63	155	38.31	3.73	19	.11	.5	.6	MLO	1.4X	102	1	
2007	SEP	28	0005	28.09	19	35.33	155	54.26	13.95	24	.11	1.0	.4	KON	1.3X	204	11	
2007	SEP	28	0120	39.43	19	10.04	155	30.63	39.32	40	.09	.7	1.2	DLS	1.6X	119	5	
2007	SEP	28	0331	18.11	19	20.61	155	13.25	6.94	33	.09	.4	.6	SF2	1.2X	62	4	
2007	SEP	28	1000	12.49	18	57.24	155	9.03	42.59	39	.10	1.0	2.0	LOI	2.2X	266	37	
2007	SEP	28	1201	10.78	19	11.33	155	54.65	35.32	28	.07	.9	1.5	KON	1.5X	251	10	
2007	SEP	28	1203	21.12	19	26.91	155	24.11	6.87	27	.11	.4	1.4	KAO	1.3X	89	6	
2007	SEP	28	1939	0.76	19	25.42	155	20.00	7.86	31	.09	.4	.8	KAO	1.5X	125	3	
2007	SEP	28	1946	15.76	19	19.74	155	8.09	8.82	47	.09	.4	.3	SF4	2.6X	118	4	
2007	SEP	28	2008	43.94	19	19.68	155	8.23	8.55	45	.10	.4	.5	SF4	2.2X	115	4	
2007	SEP	28	2026	2.08	19	19.40	155	10.61	7.75	33	.09	.4	.6	SF3	1.3X	100	6	
2007	SEP	28	2051	1.56	19	19.38	155	8.04	7.20	40	.08	.4	.6	SF4	1.5X	121	4	
2007	SEP	28	2101	6.50	19	19.66	155	8.19	8.78	47	.08	.3	.4	SF4	2.3X	116	4	
2007	SEP	29	0010	20.87	19	25.88	155	24.65	10.60	49	.10	.3	.5	KAO	2.3X	35	8	
2007	SEP	29	0437	58.32	19	24.93	155	38.98	3.26	17	.09	.5	.6	MLO	1.0X	114	2	
2007	SEP	29	0540	16.51	19	30.10	155	52.58	8.83	41	.17	.6	.4	KON	2.1X	118	5	
2007	SEP	29	0554	16.92	19	21.78	155	26.81	12.94	37	.09	.4	.6	KAO	1.4X	69	2	
2007	SEP	29	1028	16.59	19	24.38	155	16.91	1.59	19	.08	.3	.2	SSC	1.3X	115	1	
2007	SEP	29	1416	27.36	19	18.78	155	15.65	7.35	39	.08	.3	.5	SF1	1.5X	102	4	
2007	SEP	29	1459	31.31	19	20.23	155	8.07	9.61	33	.06	.5	.6	SF4	1.3X	116	5	
2007	SEP	29	1639	21.76	19	22.76	155	30.18	10.52	38	.08	.4	.8	KAO	1.5X	57	5	
2007	SEP	29	2015	22.51	19	20.94	155	7.96	9.26	37	.07	.4	.5	SF4	1.6X	115	4	
2007	SEP	30	0009	43.82	19	20.50	155	24.91	10.42	32	.10	.4	.7	SWR	1.3X	110	3	
2007	SEP	30	0730	17.46	19	10.34	155	42.12	11.59	39	.14	.4	.5	LSW	2.0X	82	7	
2007	SEP	30	1124	32.76	19	31.15	155	27.39	4.28	14	.10	.4	.8	MLO	1.3X	126	2	
2007	SEP	30	1727	41.31	19	27.12	155	29.89	11.56	33	.10	.4	1.0	KAO	1.7X	73	9	
2007	OCT	1	0148	14.29	19	27.34	155	14.57	22.12	32	.09	.6	.8	DEP	1.4X	130	5	
2007	OCT	1	0213	27.46	19	19.66	155	8.36	8.41	46	.09	.4	.4	SF4	1.7X	111	4	
2007	OCT	1	0235	21.69	19	23.43	155	30.51	9.74	47	.09	.3	.5	KAO	1.9X	54	5	
2007	OCT	1	0426	7.05	19	20.86	155	26.08	9.43	22	.10	.5	.8	KAO	1.0X	102	4	
2007	OCT	1	0552	36.49	19	6.63	155	28.14	30.95	36	.09	.7	1.3	DLS	1.7X	181	5	
2007	OCT	1	0710	52.03	19	20.11	155	9.81	5.94	20	.11	.5	1.3	SF3	1.0X	83	5	
2007	OCT	1	0732	32.26	19	27.44	155	24.58	7.55	32	.14	.3	1.0	KAO	1.2X	50	5	
2007	OCT	1	0734	47.02	19	25.89	155	36.67	1.56	21	.15	.3	.3	MLO	1.5X	83	3	
2007	OCT	1	0832	52.33	19	24.17	155	16.34	1.53	21	.11	.3	.2	SEC	1.5X	118	1	
2007	OCT	1	0834	30.53	19	26.68	155	28.96	9.05	16	.10	.5	1.3	KAO	1.3X	83	8	
2007	OCT	1	0844	23.30	19	12.38	155	43.24	0.68	23	.13	.4	.4	KON	1.6X	88	8	
2007	OCT	1	0955	10.20	19	20.73	155	5.06	5.95	22	.12	.6	1.6	SF5	.9X	167	7	
2007	OCT	1	1443	49.62	19	20.05	155	7.68	5.23	26	.13	.5	1.7	SF4	1.3X	127	5	
2007	OCT	1	1728	24.09	19	26.58	155	19.98	7.20	21	.15	.5	1.1	KAO	1.1X	118	5	
2007	OCT	1	1817	57.79	19	24.36	155	28.90	41.75	22	.09	.8	1.2	DML	1.4X	52	4	
2007	OCT	1	1908	57.11	19	32.54	155	53.75	10.50	23	.15	1.0	.6	KON	1.1X	178	6	
2007	OCT	1	2147	51.50	19	24.20	155	17.03	1.74	16	.08	.3	.3	SSC	1.5X	103	1	
2007	OCT	1	2218	57.05	19	19.39	155	11.87	5.83	28	.11	.4	.8	SF3	1.4X	95	5	
2007	OCT	1	2236	46.06	19	13.54	155	10.45	42.82	31	.10	1.2	1.4	DEP	1.4X	214	8	

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	75
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	OCT	2	0705	17.66	19	17.39	155	16.40	8.50	43	.11	.4	.4	SF1	2.0X	134	4	
2007	OCT	2	0711	30.36	19	20.20	155	7.26	7.00	34	.10	.4	.7	SF4	1.5X	136	5	
2007	OCT	2	0956	49.77	19	27.51	155	28.53	12.65	18	.13	.7	1.5	KAO	1.4X	72	8	
2007	OCT	2	1024	28.36	19	11.85	155	41.94	0.79	25	.13	.4	.5	LSW	1.9X	93	9	
2007	OCT	2	1305	32.82	19	12.53	155	41.50	4.34	37	.14	.5	2.0	LSW	2.0X	71	10	
2007	OCT	2	1413	57.29	19	17.24	155	23.37	2.41	21	.10	.6	.9	SWR	1.1X	161	5	
2007	OCT	2	1609	8.66	19	20.21	155	12.65	5.50	19	.10	.5	1.3	SF2	.9X	72	5	
2007	OCT	2	1617	9.49	19	19.26	155	11.72	3.61	25	.12	.4	1.3	SSF	1.2X	99	5	
2007	OCT	2	1710	18.24	19	24.80	155	29.81	10.78	32	.10	.4	.9	KAO	1.5X	52	6	
2007	OCT	2	1901	13.64	19	3.20	155	22.58	40.53	27	.09	1.2	1.9	LOI	1.5X	224	15	
2007	OCT	2	1949	27.89	19	3.92	155	22.99	38.45	42	.09	.8	1.2	LOI	1.6X	207	13	
2007	OCT	2	2100	24.16	19	20.74	155	11.38	8.11	35	.10	.4	.5	SF3	1.7X	73	4	
2007	OCT	2	2216	10.88	19	22.77	155	14.76	3.37	17	.08	.4	.4	SEC	1.4X	74	2	
2007	OCT	2	2227	45.87	19	4.20	155	23.19	38.49	41	.10	.8	1.3	LOI	1.5X	206	13	
2007	OCT	2	2258	20.39	19	25.36	155	38.77	2.55	19	.09	.4	.4	MLO	1.1X	101	3	
2007	OCT	3	0212	47.13	19	15.12	155	22.02	35.02	36	.10	.8	1.1	DEP	1.3X	145	8	
2007	OCT	3	0228	16.38	19	27.77	155	24.18	10.05	21	.14	.5	.9	KAO	1.3X	88	4	
2007	OCT	3	0253	22.13	19	25.32	155	38.72	3.14	38	.12	.4	.5	MLO	2.3X	104	2	
2007	OCT	3	0256	16.94	19	16.60	155	19.50	12.32	35	.10	.4	.4	SWR	1.5X	143	3	
2007	OCT	3	0327	1.21	19	15.74	155	33.19	4.08	44	.15	.4	1.4	LSW	2.1X	62	6	
2007	OCT	3	0426	57.84	19	16.18	155	19.31	13.53	46	.10	.4	.3	DEP	1.8X	147	3	
2007	OCT	3	0451	9.68	19	20.21	155	7.41	7.45	35	.11	.4	.6	SF4	1.6X	132	5	
2007	OCT	3	0831	33.29	19	35.70	155	18.55	11.86	25	.13	.5	1.7	KEA	1.0X	146	14	
2007	OCT	3	0855	47.92	19	20.49	155	2.46	4.23	24	.13	.7	3.6	SSF	1.1X	195	8	
2007	OCT	3	1025	29.03	19	35.54	155	18.36	11.66	25	.11	.6	1.7	KEA	1.2X	146	14	
2007	OCT	3	1051	3.47	19	19.72	155	6.56	7.73	31	.12	.5	.9	SF4	1.5X	156	5	
2007	OCT	3	1151	19.51	19	7.01	155	23.03	39.25	29	.14	1.1	1.9	LOI T	1.5X	234	19	
2007	OCT	3	1315	47.64	19	19.60	155	7.47	6.63	30	.12	.5	1.0	SF4	1.1X	158	4	
2007	OCT	3	1333	36.23	19	12.03	155	27.34	6.80	42	.14	.4	.9	LSW	1.9X	119	5	
2007	OCT	3	1501	13.11	19	28.50	155	27.01	8.11	37	.11	.3	1.0	KAO	1.6X	79	7	
2007	OCT	3	1525	13.01	19	11.37	155	41.13	12.70	25	.09	.5	.6	LSW	1.1X	78	9	
2007	OCT	3	1753	22.39	19	33.43	155	41.41	8.63	45	.11	.4	.6	MLO	2.0X	60	9	
2007	OCT	3	1826	40.24	19	23.49	155	29.78	9.77	26	.08	.4	.9	KAO	1.4X	65	4	
2007	OCT	4	0134	30.16	19	16.55	155	30.12	8.42	45	.15	.4	.7	LSW	1.9X	75	3	
2007	OCT	4	0218	1.59	19	20.27	155	6.67	5.68	25	.13	.6	1.6	SF4	1.1X	146	6	
2007	OCT	4	0259	0.31	19	19.91	155	11.56	7.73	30	.10	.5	.8	SF3	1.4X	87	6	
2007	OCT	4	0858	59.49	19	28.96	155	27.16	4.39	28	.12	.3	2.6	KAO	1.4X	63	6	
2007	OCT	4	0946	6.38	19	22.51	155	27.36	5.96	28	.12	.4	.9	KAO	1.8X	80	0	
2007	OCT	4	1124	50.84	19	20.34	155	6.83	7.85	44	.10	.4	.5	SF4	2.2X	142	6	
2007	OCT	4	1902	57.83	19	19.35	155	8.92	7.28	20	.08	.4	1.0	SF4	1.1X	96	4	
2007	OCT	5	0333	15.00	19	20.48	155	13.11	8.07	27	.08	.4	.6	SF2	1.3X	64	4	
2007	OCT	5	0404	16.62	19	13.56	155	32.49	32.54	40	.09	.5	1.0	DLS	1.5X	75	5	
2007	OCT	5	0551	9.46	20	36.94	156	42.86	33.56	40	.11	1.5	1.8	DIS	2.8X	329	12	
2007	OCT	5	0627	11.58	19	24.48	155	16.84	1.77	26	.08	.3	.2	SSC	1.8X	123	1	
2007	OCT	5	0751	16.01	19	16.09	155	19.32	33.85	21	.11	1.3	1.5	DEP L	1.6X	182	4	

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	76
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2007	OCT	5	1033	34.31	19	32.79	155	59.87	44.05	28	.09	1.1	1.3	KON	1.9X	249	23	
2007	OCT	5	1232	47.56	19	20.21	155	12.71	4.90	20	.10	.4	1.3	SSF	1.0X	71	4	
2007	OCT	5	2045	49.31	19	49.04	155	36.28	13.90	40	.11	.6	.4	KEA	2.0X	123	7	
2007	OCT	5	2049	11.49	19	23.74	155	29.60	10.20	21	.09	.4	1.0	KAO	1.3X	50	4	
2007	OCT	6	0000	46.95	19	19.82	155	12.29	7.76	44	.13	.4	.4	SF3	2.0X	82	5	
2007	OCT	6	0253	17.79	19	20.69	155	4.13	7.73	30	.12	.5	.6	SF5	1.5X	177	7	
2007	OCT	6	0317	32.23	19	17.24	155	23.16	8.03	38	.12	.4	.6	SWR	1.3X	120	5	
2007	OCT	6	0407	55.95	19	12.02	155	27.42	7.61	32	.13	.4	.7	LSW	1.4X	117	5	
2007	OCT	6	1151	36.58	19	17.85	155	12.93	5.93	34	.10	.4	.9	SF2	1.6X	116	2	
2007	OCT	6	1814	26.86	19	24.45	155	16.95	1.55	26	.10	.3	.2	SSC	1.6X	117	1	
2007	OCT	6	1927	24.34	19	57.86	155	22.21	13.62	21	.11	1.1	.4	KEA	1.7X	195	9	
2007	OCT	6	1941	22.64	19	19.61	155	7.00	7.08	41	.11	.4	.6	SF4	1.4X	148	4	
2007	OCT	6	2104	14.09	19	19.33	155	12.26	6.64	33	.09	.4	.6	SF3	1.5X	92	5	
2007	OCT	7	0104	2.09	19	24.25	155	17.14	1.86	22	.09	.3	.2	SSC	1.6X	100	1	
2007	OCT	7	0258	10.96	19	15.88	155	14.87	7.65	28	.13	.8	.9	SF1	1.1X	181	3	
2007	OCT	7	0542	28.25	19	12.11	155	14.34	32.69	26	.10	1.1	1.9	DEP	1.3X	210	9	
2007	OCT	7	0927	40.62	19	27.27	155	36.71	13.52	23	.13	.6	.7	DML	1.6X	118	1	
2007	OCT	7	1101	53.48	19	47.49	155	22.14	31.23	26	.11	.8	1.6	KEA	1.7X	158	11	
2007	OCT	7	1209	50.25	19	15.16	154	59.18	38.68	24	.09	1.6	1.8	DIS	1.5X	256	16	
2007	OCT	7	1216	57.88	19	17.70	155	28.50	8.57	21	.19	.6	1.5	LSW	1.6X	83	6	
2007	OCT	7	1957	37.39	19	19.50	155	8.21	9.25	47	.08	.4	.4	SF4	2.1X	116	4	
2007	OCT	7	2307	15.66	19	24.96	155	38.35	3.15	26	.11	.4	.4	MLO	1.6X	78	1	
2007	OCT	8	0312	49.27	19	17.70	155	49.49	11.59	35	.11	.6	.3	KON	1.8X	98	6	
2007	OCT	8	0522	5.37	19	19.49	155	10.96	8.31	37	.09	.4	.7	SF3	1.4X	99	6	
2007	OCT	8	1217	16.48	19	24.36	155	17.08	1.51	15	.07	.3	.2	SSC	1.2X	108	1	
2007	OCT	8	1300	26.57	19	17.77	155	13.19	5.57	32	.09	.4	.9	SF2	1.3X	106	1	
2007	OCT	8	1514	58.93	19	28.64	155	26.12	7.52	17	.09	.4	1.4	KAO	1.7X	86	5	
2007	OCT	8	1657	13.83	19	22.17	155	21.71	32.93	30	.11	.9	1.1	DML	1.6X	73	5	
2007	OCT	8	2320	16.77	19	22.09	155	28.94	10.50	47	.10	.3	.4	KAO	1.9X	63	2	
2007	OCT	9	0132	25.25	19	22.26	155	14.88	1.44	27	.10	.2	.3	SEC	1.7X	65	2	
2007	OCT	9	0608	19.43	19	40.80	156	0.74	4.93	26	.15	1.1	.8	HUA	1.8X	269	18	
2007	OCT	9	0610	23.82	19	20.50	155	13.01	8.61	38	.07	.3	.5	SF2	1.3X	65	4	
2007	OCT	9	0632	38.52	19	14.03	155	1.73	41.68	32	.06	1.3	.8	DEP	1.5X	259	13	
2007	OCT	9	0742	56.80	18	55.97	155	19.59	46.76	20	.09	1.4	2.6	LOI	1.4X	264	40	
2007	OCT	9	0826	53.16	19	20.23	155	7.13	8.52	39	.09	.4	.7	SF4	1.6X	138	6	
2007	OCT	9	2208	51.64	19	19.45	155	13.49	7.42	32	.11	.4	.8	SF2	1.4X	74	4	
2007	OCT	9	2331	0.16	19	21.34	155	5.69	9.39	38	.09	.4	.5	SF4	1.5X	149	5	
2007	OCT	9	2354	5.01	19	24.08	154	36.01	31.94	38	.10	1.3	1.8	DIS	2.0X	311	34	
2007	OCT	10	0018	52.71	19	57.59	155	17.31	7.26	28	.13	.9	.7	KEA	1.5X	253	27	
2007	OCT	10	0128	33.53	19	28.32	155	24.52	7.00	52	.14	.3	.7	KAO F	2.8X	34	3	
2007	OCT	10	0329	12.89	19	27.98	155	24.82	2.69	36	.13	.3	.8	KAO	1.9X	52	4	
2007	OCT	10	0422	22.99	19	27.99	155	24.68	10.41	46	.10	.3	.6	KAO	2.6X	48	9	
2007	OCT	10	0706	2.00	19	27.62	155	24.76	0.68	23	.10	.3	.4	KAO	1.2X	76	5	
2007	OCT	10	0717	58.95	19	27.69	155	24.73	1.84	29	.12	.3	.6	KAO	1.8X	74	5	
2007	OCT	10	0732	16.86	19	27.86	155	24.66	2.93	30	.12	.3	.8	KAO	1.8X	74	4	

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 77
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	OCT	10	1046	57.09	19	27.94	155	24.59	2.61	17	.12	.4	1.0	KAO	1.8X	76	4
2007	OCT	10	1055	0.88	19	28.23	155	24.38	6.31	35	.12	.4	1.0	KAO	2.0X	64	3
2007	OCT	10	1150	53.93	19	27.62	155	25.02	0.88	24	.11	.3	.5	KAO	1.4X	71	5
2007	OCT	10	1432	27.13	19	27.84	155	25.16	1.46	24	.12	.3	.6	KAO	1.6X	67	5
2007	OCT	10	1557	41.38	19	27.83	155	24.42	2.44	27	.12	.3	.8	KAO	1.7X	80	4
2007	OCT	10	1843	59.45	19	30.24	155	29.31	6.77	16	.12	.4	2.0	MLO	1.5X	99	4
2007	OCT	11	0149	41.85	19	19.37	155	6.34	7.98	31	.08	.5	.9	SF4	1.1X	166	5
2007	OCT	11	0435	24.45	19	27.93	155	24.65	2.56	45	.14	.3	.7	KAO	2.2X	42	4
2007	OCT	11	0452	32.19	19	25.49	155	19.42	5.62	18	.07	.5	1.1	KAO	1.2X	133	3
2007	OCT	11	0744	54.77	19	24.44	155	17.03	1.77	15	.07	.3	.3	SSC	1.4X	113	1
2007	OCT	11	2227	40.94	19	26.07	155	23.70	11.89	37	.10	.4	.6	KAO	1.7X	86	7
2007	OCT	12	0303	49.59	19	30.47	155	27.05	6.92	16	.11	.5	1.5	MLO	1.3X	118	3
2007	OCT	12	1012	18.51	19	22.77	155	26.87	10.78	26	.13	.4	1.0	KAO	1.5X	58	1
2007	OCT	12	1030	42.56	19	20.52	155	5.78	9.82	37	.07	.4	.5	SF4	1.7X	159	6
2007	OCT	12	1710	44.70	19	28.46	155	26.80	10.02	30	.11	.4	1.1	KAO	1.4X	55	7
2007	OCT	12	2321	51.95	19	20.52	155	5.69	8.65	34	.10	.5	.6	SF4	1.4X	160	6
2007	OCT	13	0512	13.46	19	30.95	156	15.52	38.44	36	.11	1.0	2.1	KON	1.9X	269	36
2007	OCT	13	1542	37.05	19	15.26	155	25.13	7.17	24	.07	.4	1.5	LSW	1.1X	123	9
2007	OCT	13	1546	47.90	19	19.51	155	8.47	8.86	25	.07	.6	1.0	SF4	1.0X	109	4
2007	OCT	13	1716	21.05	19	20.06	155	5.75	7.64	29	.10	.6	1.0	SF4	1.2X	165	6
2007	OCT	13	2003	48.16	19	47.00	155	35.50	12.17	15	.07	1.2	.7	KEA	1.2X	186	11
2007	OCT	13	2042	57.55	19	29.56	155	28.06	6.39	17	.08	.4	1.6	KAO	1.2X	84	5
2007	OCT	14	0441	24.12	19	25.73	155	23.48	11.01	45	.11	.4	.5	KAO	1.8X	46	8
2007	OCT	14	0701	45.34	19	20.94	155	2.06	7.58	28	.12	.8	1.1	SF5	1.1X	194	7
2007	OCT	14	0902	9.52	19	19.36	155	10.42	8.59	35	.09	.4	.6	SF3	1.4X	101	6
2007	OCT	14	1041	52.25	19	55.99	155	59.53	40.85	26	.12	1.2	2.0	KOH	2.3X	234	31
2007	OCT	14	1228	56.12	18	57.29	155	13.17	45.29	27	.10	1.5	2.4	LOI	1.6X	268	36
2007	OCT	14	1336	46.87	19	19.32	155	7.95	7.19	36	.10	.4	.8	SF4	1.3X	123	4
2007	OCT	14	1419	38.88	19	25.84	155	28.87	10.31	29	.09	.3	.8	KAO	1.6X	61	7
2007	OCT	14	1516	36.93	19	35.99	155	47.72	13.66	29	.13	.6	.4	KON	1.9X	108	11
2007	OCT	14	2351	43.91	19	20.34	155	7.44	7.73	40	.10	.4	.6	SF4	1.5X	131	5
2007	OCT	15	0116	20.19	19	30.24	155	26.79	5.15	15	.08	.4	1.4	MLO	1.1X	117	4
2007	OCT	15	0547	26.58	19	22.21	155	14.76	1.15	27	.12	.2	.3	SEC	1.7X	65	2
2007	OCT	15	0547	35.81	19	21.23	155	14.31	0.38	17	.10	.3	.3	KOA	2.1X	161	3
2007	OCT	15	0549	7.68	19	22.19	155	14.76	1.66	33	.13	.2	.3	SEC	2.2X	64	2
2007	OCT	15	0736	52.42	19	22.21	155	2.22	7.80	28	.10	.4	.6	SF5	1.2X	178	5
2007	OCT	15	0751	7.19	19	22.29	155	14.61	1.58	40	.13	.2	.3	SEC	2.2X	54	2
2007	OCT	15	1239	21.87	19	25.32	155	24.53	8.95	19	.11	.5	1.4	KAO	1.2X	75	8
2007	OCT	15	1629	53.40	19	24.33	155	17.11	1.89	15	.07	.3	.2	SSC	1.0X	105	1
2007	OCT	15	1747	34.03	19	17.58	155	22.83	3.43	31	.11	.4	.9	SWR	1.6X	118	5
2007	OCT	16	0356	50.81	19	24.66	155	30.02	9.27	47	.11	.3	.6	KAO	2.0X	39	6
2007	OCT	16	0549	51.66	19	20.53	155	49.62	8.18	46	.15	.4	.6	KON	2.1X	120	10
2007	OCT	16	0659	40.00	19	24.75	155	19.62	6.20	26	.08	.4	.8	KAO	1.4X	105	2
2007	OCT	16	1139	42.43	19	20.82	155	7.88	8.81	20	.07	.6	1.1	SF4	1.5X	137	5
2007	OCT	16	1635	31.96	19	17.02	155	24.76	46.09	40	.09	.9	1.1	DEP	1.6X	113	6

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 78
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	OCT	16	2153	7.45	19	20.00	155	6.80	8.31	43	.09	.4	.3	SF4	1.8X	147	5
2007	OCT	17	0006	15.16	19	16.49	155	28.20	10.65	25	.11	.4	.6	LSW	1.1X	67	4
2007	OCT	17	0046	57.20	19	20.47	155	7.43	8.13	34	.12	.4	.5	SF4	1.4X	129	5
2007	OCT	17	0711	15.29	19	18.82	155	14.75	5.91	31	.11	.5	1.1	SF1	1.2X	99	4
2007	OCT	17	0711	51.95	19	18.68	155	3.32	42.36	42	.09	.9	.9	DEP	2.1X	209	8
2007	OCT	17	0901	49.28	19	20.44	155	8.71	5.72	22	.10	.5	1.4	SF4	.9X	103	5
2007	OCT	17	1008	16.74	19	24.29	155	17.06	1.78	13	.06	.3	.2	SSC	1.3X	105	1
2007	OCT	17	1022	46.12	19	20.32	155	7.08	6.26	31	.12	.5	1.0	SF4	1.4X	161	6
2007	OCT	17	1324	9.73	19	27.23	155	29.60	9.59	29	.09	.4	1.0	KAO	1.6X	57	9
2007	OCT	17	1516	47.16	19	18.24	155	29.21	7.00	43	.14	.3	.7	LSW	1.8X	43	6
2007	OCT	17	1715	30.41	19	17.69	155	30.89	10.09	38	.08	.3	.8	LSW	1.6X	76	5
2007	OCT	17	1825	14.79	19	13.39	155	36.71	6.66	19	.14	.6	3.6	LSW	1.2X	131	12
2007	OCT	17	2116	30.00	19	20.06	155	12.59	4.81	18	.12	.4	1.5	SSF	.7X	75	5
2007	OCT	17	2141	42.86	19	20.15	155	7.31	6.99	43	.10	.4	.6	SF4	1.7X	135	5
2007	OCT	17	2154	25.43	19	57.94	155	51.49	8.06	27	.10	.9	.6	KOH	1.8X	208	20
2007	OCT	17	2157	11.83	19	26.86	155	25.21	6.08	22	.13	.4	1.8	KAO	1.3X	70	6
2007	OCT	17	2208	56.86	19	20.37	155	6.26	5.04	21	.16	.7	2.4	SF4	.9X	152	6
2007	OCT	17	2233	11.99	19	25.90	155	20.21	7.30	30	.10	.4	.8	KAO	1.4X	119	4
2007	OCT	18	0421	44.59	19	18.85	155	14.95	6.22	33	.13	.5	.8	SF1	1.2X	91	4
2007	OCT	18	0522	1.78	19	14.32	155	18.36	29.27	40	.09	.7	.9	DEP	1.7X	162	7
2007	OCT	18	1022	21.05	19	48.06	155	35.64	14.28	28	.10	.7	.4	KEA	1.4X	97	9
2007	OCT	18	1150	42.02	19	19.61	155	7.01	5.50	26	.11	.5	1.7	SF4	1.0X	172	4
2007	OCT	18	1748	31.13	19	19.58	155	8.20	8.81	20	.06	.6	1.1	SF4	1.1X	115	4
2007	OCT	18	1826	49.91	18	59.84	155	6.83	42.31	27	.11	1.5	2.3	LOI	1.6X	269	32
2007	OCT	18	2244	37.27	19	32.10	155	47.91	8.08	20	.12	.7	.9	KON	1.4X	99	5
2007	OCT	19	0119	55.78	19	24.74	155	16.89	1.82	15	.07	.3	.3	SNC	1.2X	136	2
2007	OCT	19	0121	53.82	19	20.30	155	2.60	7.11	39	.11	.6	.6	SF5	1.4X	196	8
2007	OCT	19	0656	27.89	19	17.09	155	13.21	4.80	31	.09	.4	.9	SSF	1.2X	155	0
2007	OCT	19	1418	6.98	19	21.04	155	6.56	5.66	21	.14	.7	1.7	SF4	1.1X	165	5
2007	OCT	19	1430	34.66	19	20.30	155	7.52	7.07	24	.10	.5	1.0	SF4	1.6X	150	6
2007	OCT	19	1754	22.54	19	46.49	156	7.42	3.81	25	.07	1.0	.9	HUA	2.1X	248	31
2007	OCT	19	1907	51.01	19	26.08	155	19.42	6.87	20	.08	.5	1.0	KAO	1.4X	147	3
2007	OCT	19	2017	41.95	19	29.74	155	29.80	3.99	46	.11	.3	1.4	KAO	1.9X	36	6
2007	OCT	19	2143	52.40	19	20.72	155	11.43	8.76	35	.07	.4	.5	SF3	1.9X	73	4
2007	OCT	19	2209	57.88	19	3.46	155	24.52	33.75	29	.08	.9	1.6	LOI	1.5X	206	13
2007	OCT	19	2219	51.64	19	20.49	155	9.87	6.07	32	.12	.4	.7	SF3	1.7X	83	4
2007	OCT	20	0142	34.20	19	19.27	155	8.84	7.81	40	.09	.4	.5	SF4	1.7X	98	4
2007	OCT	20	0223	12.12	19	22.27	155	14.51	1.38	16	.07	.2	.4	SEC	1.6X	86	2
2007	OCT	20	0230	58.07	19	19.19	155	14.24	6.87	32	.10	.4	.8	SF2	1.3X	73	4
2007	OCT	20	0424	31.33	19	22.37	155	17.67	24.13	25	.07	.8	1.0	DEP	1.7X	56	3
2007	OCT	20	0427	13.30	19	19.07	155	14.22	5.25	39	.14	.4	1.0	SF2	1.5X	74	4
2007	OCT	20	0801	52.96	19	13.37	155	33.87	5.95	45	.16	.6	.9	LSW	2.2X	127	7
2007	OCT	20	1711	4.76	18	13.24	155	13.50	20.48	41	.11	1.5	8.9	DIS	2.8X	317	97
2007	OCT	20	2242	56.68	19	24.31	155	17.17	1.67	19	.08	.3	.2	SSC	1.4X	102	1
2007	OCT	20	2305	52.71	19	20.42	155	11.38	8.60	40	.10	.3	.4	SF3	1.8X	78	5

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 79
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	OCT	21	0158	38.13	20	7.55	156	3.13	40.50	23	.12	1.7	1.9	KOH	1.9X	281	29
2007	OCT	21	0423	47.33	19	23.98	154	59.79	6.61	32	.14	.7	.6	LER	1.5X	192	3
2007	OCT	21	0759	57.35	19	8.04	155	27.62	39.11	24	.12	1.2	1.7	DLS	1.8X	284	3
2007	OCT	21	0855	33.88	19	20.18	155	4.92	7.71	29	.12	.6	.9	SF5	1.3X	175	7
2007	OCT	21	0908	28.50	19	14.50	155	33.41	9.36	20	.11	.4	1.6	LSW	2.2X	70	6
2007	OCT	21	1256	55.21	19	49.23	155	2.58	49.32	49	.12	.9	1.2	KEA	2.6X	228	13
2007	OCT	21	1446	30.85	19	26.59	155	26.74	9.64	19	.13	.5	1.5	KAO	1.4X	67	8
2007	OCT	21	1759	46.10	19	23.63	155	29.67	9.52	35	.09	.3	.8	KAO	1.5X	48	4
2007	OCT	21	2222	43.43	18	51.07	155	19.91	33.56	34	.11	1.6	2.6	LOI	2.0X	277	37
2007	OCT	22	0009	2.11	19	20.34	155	5.33	6.64	29	.15	.7	1.0	SF4	1.3X	167	7
2007	OCT	22	0609	7.61	19	23.01	155	0.97	2.46	26	.16	.6	.8	SSF	1.6X	180	6
2007	OCT	22	0616	12.72	19	20.35	155	6.04	6.97	38	.12	.6	.7	SF4	1.6X	157	6
2007	OCT	22	0713	48.98	19	56.42	155	30.07	38.37	48	.10	.7	1.3	KEA	2.3X	162	17
2007	OCT	22	1249	17.32	19	26.53	155	20.25	8.95	38	.08	.4	.7	KAO	1.9X	66	5
2007	OCT	22	1321	33.73	19	26.62	155	19.83	9.97	24	.08	.5	.9	KAO	1.2X	111	5
2007	OCT	22	1504	12.58	19	22.84	155	26.41	10.48	32	.10	.4	.8	KAO	1.4X	55	2
2007	OCT	22	1511	57.53	19	20.27	155	17.77	35.09	46	.09	.5	.9	DEP F	3.2X	72	1
2007	OCT	22	1518	26.94	19	19.06	155	13.27	7.26	33	.10	.4	.8	SF2	1.5X	78	4
2007	OCT	22	1709	13.46	19	19.22	155	16.90	33.06	26	.12	1.2	1.6	DEP	1.3X	109	2
2007	OCT	22	1729	24.49	19	47.04	156	8.88	36.59	33	.10	1.2	2.0	HUA	1.9X	252	41
2007	OCT	22	1804	50.43	19	19.48	155	17.05	35.82	36	.11	.7	1.1	DEP	1.6X	100	1
2007	OCT	22	1811	13.43	19	19.63	155	10.57	7.29	29	.10	.5	.7	SF3	1.5X	95	6
2007	OCT	22	1858	59.53	19	18.96	155	8.27	7.05	21	.10	.6	1.1	SF4	1.1X	114	3
2007	OCT	22	2331	1.81	19	19.46	155	17.53	33.64	43	.11	.7	1.1	DEP	1.9X	93	1
2007	OCT	23	0012	25.17	19	27.06	155	51.49	6.66	33	.12	.4	.7	KON	1.4X	120	8
2007	OCT	23	1030	0.07	19	12.06	155	28.07	2.92	36	.16	.4	.9	LSW	1.6X	101	5
2007	OCT	23	1352	42.14	19	19.30	155	11.27	6.40	33	.09	.4	.7	SF3	1.8X	102	6
2007	OCT	23	1402	37.15	19	58.37	155	34.45	16.18	21	.09	.9	1.6	KOH	1.8X	161	15
2007	OCT	23	1646	49.26	19	22.35	155	31.17	26.52	47	.09	.4	.7	DML	1.8X	29	6
2007	OCT	23	2002	8.93	19	24.36	155	16.37	15.79	37	.11	.5	.3	DEP	1.6X	105	1
2007	OCT	23	2006	23.41	19	29.30	155	27.00	7.77	46	.13	.3	.8	KAO F	2.8X	57	5
2007	OCT	23	2137	44.21	19	24.35	155	17.18	2.01	15	.09	.3	.2	SSC	1.3X	102	1
2007	OCT	23	2147	44.66	19	21.76	155	4.82	6.96	32	.13	.5	.6	SF5	1.3X	156	5
2007	OCT	23	2221	26.06	19	20.43	155	7.48	8.23	36	.09	.4	.4	SF4	1.7X	129	5
2007	OCT	24	1436	35.73	19	27.82	155	23.87	10.31	20	.10	.5	1.2	KAO	1.5X	97	4
2007	OCT	24	1739	0.00	19	9.21	155	25.93	42.00	42	.11	.8	1.3	DLS FT	2.6X	169	3
2007	OCT	24	1740	34.82	19	7.37	155	30.42	29.67	18	.11	1.3	2.1	DLS T	2.4X	219	6
2007	OCT	24	1742	38.26	19	5.46	155	26.57	47.25	32	.12	1.1	1.4	DLS T	2.6X	197	8
2007	OCT	24	2042	17.41	19	14.43	155	28.04	6.96	34	.15	.4	1.1	LSW	1.5X	87	4
2007	OCT	24	2045	34.64	19	20.09	155	7.42	6.99	39	.11	.4	.6	SF4	2.1X	133	5
2007	OCT	24	2049	7.56	19	19.95	155	7.55	7.78	29	.10	.4	.6	SF4	1.5X	131	5
2007	OCT	24	2104	20.63	19	19.89	155	7.56	7.75	28	.09	.5	.7	SF4	1.4X	132	5
2007	OCT	24	2115	49.33	19	1.05	155	29.77	38.96	17	.08	1.4	2.0	DLS	1.6X	248	16
2007	OCT	24	2135	56.71	19	11.39	155	41.08	1.01	25	.15	.5	1.3	LSW	1.7X	78	9
2007	OCT	25	0357	42.35	19	9.23	155	29.98	44.91	30	.12	1.0	1.6	DLS	1.5X	142	4

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 80
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	OCT	25	0754	11.23	19	19.81	155	8.30	7.64	23	.09	.5	1.0	SF4	1.1X	113	5
2007	OCT	25	0915	21.23	19	19.69	155	9.59	8.55	15	.07	.6	1.5	SF3	1.3X	98	5
2007	OCT	25	1142	55.06	19	58.57	155	19.24	13.26	38	.12	.7	.4	KEA F	2.2X	204	10
2007	OCT	25	1350	9.09	19	37.81	155	51.97	27.49	46	.09	.6	1.0	KON	2.4X	184	7
2007	OCT	25	1857	58.72	19	19.36	155	7.28	9.61	50	.11	.5	.3	SF4 F	4.0U	144	4
2007	OCT	25	1900	15.15	19	19.41	155	6.87	8.83	39	.10	.5	.6	SF4	2.1X	154	4
2007	OCT	25	1902	5.66	19	20.00	155	7.03	5.94	20	.11	.5	1.4	SF4	1.9X	143	5
2007	OCT	25	1903	16.46	19	19.18	155	7.34	8.83	39	.10	.4	.4	SF4	2.0X	144	4
2007	OCT	25	1914	30.68	19	19.54	155	7.50	6.97	27	.10	.5	.8	SF4	1.6X	136	4
2007	OCT	25	1924	57.50	19	19.58	155	7.40	8.05	41	.09	.3	.4	SF4	2.2X	138	4
2007	OCT	25	2013	37.58	19	19.74	155	7.64	9.27	49	.10	.4	.4	SF4	2.7X	131	4
2007	OCT	25	2020	1.57	19	19.99	155	6.97	8.40	29	.09	.5	.7	SF4	1.2X	144	5
2007	OCT	25	2313	16.36	19	29.78	155	23.13	11.40	39	.12	.4	.5	KAO	1.4X	53	0
2007	OCT	26	0001	56.32	19	19.94	155	6.92	7.00	27	.12	.5	.8	SF4	1.1X	145	5
2007	OCT	26	1136	2.17	19	24.83	155	38.95	3.21	36	.09	.3	.4	MLO	2.2X	76	2
2007	OCT	26	1808	5.68	20	2.38	155	22.77	12.36	40	.13	.9	.5	KEA	2.2X	211	17
2007	OCT	26	1818	59.09	19	28.25	155	55.46	16.40	19	.13	2.2	2.2	KON	1.3X	212	2
2007	OCT	26	1824	7.88	19	29.65	155	56.52	17.83	22	.13	1.3	1.8	KON	1.6X	233	3
2007	OCT	26	1831	24.72	19	27.79	155	52.82	11.62	29	.18	.9	.5	KON	1.9X	128	5
2007	OCT	26	1920	44.98	19	19.44	155	9.88	7.39	40	.11	.4	.7	SF3	1.6X	97	5
2007	OCT	26	1946	43.35	19	20.61	155	5.59	7.69	20	.11	.6	1.2	SF4	1.3X	160	6
2007	OCT	26	2249	40.62	19	53.78	155	19.67	10.72	36	.10	.9	.4	KEA	2.2X	237	2
2007	OCT	26	2333	1.58	19	19.13	155	13.47	5.55	29	.09	.4	.8	SF2	1.4X	73	4
2007	OCT	27	0354	52.66	19	27.88	154	51.83	1.71	34	.10	.8	.5	SLE F	1.8X	269	6
2007	OCT	27	1207	33.23	19	21.01	155	13.29	8.69	25	.07	.5	.7	SF2	1.3X	58	3
2007	OCT	27	1800	29.16	19	27.42	155	29.52	10.99	18	.10	.5	1.1	KAO	1.2X	119	8
2007	OCT	27	1819	23.20	19	19.59	155	6.90	8.03	25	.10	.5	1.0	SF4	1.4X	150	5
2007	OCT	27	2055	50.40	19	19.33	155	51.97	11.56	22	.12	.9	.4	KON	1.5X	202	6
2007	OCT	28	0741	19.60	19	43.27	156	31.42	38.58	26	.14	1.9	2.8	DIS	2.0X	309	69
2007	OCT	28	1315	34.76	19	20.03	155	13.03	5.98	22	.10	.4	1.1	SF2	1.3X	69	5
2007	OCT	28	2249	19.30	19	22.37	155	28.81	9.41	43	.09	.3	.5	KAO	1.9X	42	2
2007	OCT	29	0032	50.51	19	22.06	155	2.29	8.17	36	.15	.7	.5	SF5	1.8X	179	5
2007	OCT	29	0301	15.38	19	28.98	155	25.84	8.65	16	.12	.5	1.1	KAO	1.4X	76	5
2007	OCT	29	0421	30.00	19	20.52	155	4.76	8.44	27	.12	.6	1.0	SF5	1.3X	172	7
2007	OCT	29	0556	13.92	19	22.44	155	4.34	5.74	18	.11	.8	1.4	SF5	1.3X	176	4
2007	OCT	29	1009	36.37	19	20.26	155	6.90	6.73	29	.11	.5	1.0	SF4	1.7X	166	6
2007	OCT	29	1644	44.92	19	19.97	155	6.86	7.34	24	.11	.6	1.1	SF4	1.2X	146	5
2007	OCT	29	1727	53.10	19	32.23	155	53.32	10.70	17	.10	1.5	.6	KON	1.0X	229	6
2007	OCT	30	0322	14.85	19	20.09	155	6.91	6.71	23	.12	.5	1.2	SF4	1.3X	143	5
2007	OCT	30	0616	17.77	19	19.51	155	7.45	7.54	38	.10	.5	.7	SF4	1.7X	138	4
2007	OCT	30	1627	6.79	19	20.74	155	5.02	5.11	33	.13	.6	2.0	SF5	1.4X	167	7
2007	OCT	31	0112	52.83	19	57.82	155	21.47	11.25	19	.10	1.2	.5	KEA	1.3X	278	8
2007	OCT	31	0200	43.90	19	37.10	155	53.33	27.18	42	.11	.8	1.1	KON	2.1X	201	9
2007	OCT	31	0752	45.93	19	28.50	155	26.96	4.62	34	.11	.3	3.1	KAO	1.3X	56	7
2007	OCT	31	1426	12.71	19	26.04	155	18.71	7.26	23	.06	.5	.8	INT	1.4X	154	2

ORIGIN TIME (HST)					LAT N		LON W		DEPTH	N	RMS	ERH	ERZ	LOC		PREF			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS	
2007	OCT	31	1549	34.33	19	16.88	155	29.27	11.31	33	.10	.4	1.0	LSW		1.7X	80	4	
2007	OCT	31	1730	57.53	19	24.89	155	19.66	6.57	41	.08	.3	.6	KAO		2.1X	45	2	
2007	OCT	31	2257	57.42	19	46.09	156	1.03	8.25	27	.09	1.0	.8	HUA		1.7X	270	21	
2007	OCT	31	2320	50.43	19	5.11	155	29.36	30.27	48	.09	.8	1.1	DLS		2.1X	182	9	
2007	NOV	1	0027	33.50	19	25.32	155	19.37	8.23	23	.08	.4	.9	KAO		1.1X	126	3	
2007	NOV	1	0309	57.86	20	5.59	155	31.66	36.63	48	.09	.8	1.3	KEA		2.1X	210	27	
2007	NOV	1	0433	55.78	19	19.69	155	8.01	7.56	33	.08	.4	.5	SF4		1.6X	120	4	
2007	NOV	1	0518	51.16	19	19.34	155	7.63	8.24	37	.10	.3	.5	SF4		1.7X	134	4	
2007	NOV	1	0717	6.17	19	24.01	154	48.62	43.97	42	.12	1.2	.8	LER		2.2X	283	13	
2007	NOV	1	1156	43.99	19	20.45	155	13.07	7.19	25	.10	.5	1.0	SF2		1.4X	65	4	
2007	NOV	1	1851	49.95	19	19.50	155	11.38	5.73	28	.10	.5	1.4	SF3		1.4X	96	6	
2007	NOV	1	1932	11.29	19	9.86	155	31.83	7.98	25	.15	.5	1.2	LSW		1.5X	122	7	
2007	NOV	1	2319	20.21	19	11.92	155	39.64	1.56	19	.12	.5	1.0	LSW		.9X	144	12	
2007	NOV	2	0016	49.12	19	24.29	155	17.00	1.63	27	.09	.3	.2	SSC		1.7X	108	1	
2007	NOV	2	0141	20.97	19	20.19	155	12.48	8.29	38	.09	.4	.4	SF2		1.6X	74	5	
2007	NOV	2	0254	34.46	19	47.84	155	20.76	14.31	22	.14	1.1	.8	KEA		1.3X	157	10	
2007	NOV	2	0808	21.78	19	58.82	155	23.83	12.62	13	.09	2.2	.7	KEA		1.5X	265	12	
2007	NOV	2	1159	46.44	19	22.81	155	30.70	10.14	18	.07	.5	1.0	KAO		1.3X	87	5	
2007	NOV	2	1730	48.99	19	6.60	155	27.89	31.10	36	.09	.7	1.4	DLS		1.6X	177	5	
2007	NOV	2	2130	25.12	19	19.57	155	8.38	6.85	45	.11	.4	.6	SF4		2.0X	111	4	
2007	NOV	3	0119	48.10	19	24.55	155	17.24	1.66	21	.09	.3	.2	SNC		1.3X	108	2	
2007	NOV	3	0511	58.90	19	29.16	155	38.62	5.72	30	.12	.4	1.1	MLO		1.5X	108	5	
2007	NOV	3	0515	7.33	19	29.46	155	38.32	6.28	22	.11	.6	1.0	MLO		1.5X	92	4	
2007	NOV	3	0742	22.94	19	24.43	155	46.64	11.60	25	.13	.5	.7	KON		1.2X	89	11	
2007	NOV	3	0926	16.62	19	26.65	155	29.98	8.13	48	.12	.3	.7	KAO		1.8X	41	9	
2007	NOV	3	1100	55.85	19	19.50	155	11.03	6.77	36	.10	.4	.7	SF3		1.6X	98	6	
2007	NOV	3	1747	47.81	19	24.18	155	36.89	10.15	45	.14	.4	.6	MLO		1.9X	41	2	
2007	NOV	3	1926	10.98	19	19.57	155	9.85	6.48	43	.12	.4	.7	SF3		2.0X	94	5	
2007	NOV	3	1954	56.51	19	41.95	155	48.16	16.62	26	.12	.6	1.4	HUA		1.4X	110	4	
2007	NOV	4	0201	33.53	19	17.77	155	13.33	10.45	49	.10	.4	.3	SF2	F	3.3X	96	1	
2007	NOV	4	0213	17.64	19	18.60	155	13.17	7.65	40	.11	.4	.6	SF2		2.0X	87	3	
2007	NOV	4	0227	3.57	19	17.75	155	13.13	9.80	46	.11	.5	.4	SF2	F	3.2X	111	1	
2007	NOV	4	0238	34.00	19	51.01	155	56.10	28.72	30	.12	.9	1.9	HUA		2.1X	210	21	
2007	NOV	4	0254	53.64	19	18.36	155	13.15	4.14	22	.10	.4	1.1	SSF		1.3X	92	3	
2007	NOV	4	0256	48.78	19	18.45	155	12.96	9.04	42	.09	.4	.4	SF2		2.0X	136	8	
2007	NOV	4	0351	29.85	19	17.76	155	12.73	6.09	28	.11	.5	1.1	SF2		1.2X	129	2	
2007	NOV	4	0422	59.82	19	18.04	155	13.04	9.14	40	.09	.5	.5	SF2		1.8X	105	2	
2007	NOV	4	0522	51.45	19	18.03	155	13.11	4.97	27	.09	.4	1.1	SSF		1.3X	102	2	
2007	NOV	4	0529	19.89	19	17.62	155	15.48	10.11	45	.12	.5	.4	SF1		2.6X	140	6	
2007	NOV	4	0531	44.33	19	17.15	155	15.59	5.50	23	.10	.6	1.3	SF1		1.2X	158	4	
2007	NOV	4	0641	28.00	19	18.12	155	13.56	4.62	27	.11	.4	1.2	SSF		1.2X	85	2	
2007	NOV	4	0824	32.80	19	18.21	155	13.11	6.21	36	.12	.4	.9	SF2		1.5X	98	2	
2007	NOV	4	1240	0.70	19	18.26	155	13.31	7.55	38	.11	.5	.5	SF2		1.8X	88	2	
2007	NOV	4	1459	4.07	19	18.65	155	13.02	5.46	36	.12	.4	.9	SF2		1.6X	90	3	
2007	NOV	5	0652	33.00	19	20.00	155	29.15	7.74	43	.11	.3	.9	KAO		1.6X	38	5	

ORIGIN TIME (HST)					LAT N		LON W		DEPTH	N	RMS	ERH	ERZ	LOC		PREF			
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS	
2007	NOV	5	1510	35.01	19	19.58	155	9.12	6.88	37	.12	.4	.6	SF3		1.7X	95	5	
2007	NOV	5	1935	42.83	19	50.95	155	22.24	30.94	51	.12	.6	1.2	KEA	F	3.2X	86	5	
2007	NOV	5	2348	31.16	19	24.22	155	17.02	1.87	19	.08	.3	.2	SSC		1.4X	104	1	
2007	NOV	6	0201	8.03	19	25.70	155	28.52	8.91	32	.11	.3	.9	KAO		1.4X	49	6	
2007	NOV	6	0257	40.54	19	21.88	155	24.89	13.85	33	.10	.4	.5	DEP		1.3X	53	4	
2007	NOV	6	0306	6.96	19	20.21	155	11.92	7.77	27	.09	.4	.6	SF3		1.4X	78	5	
2007	NOV	6	0316	9.68	19	20.89	155	13.24	7.57	40	.12	.4	.5	SF2		1.8X	59	3	
2007	NOV	6	0551	25.66	19	21.22	155	4.45	8.02	31	.11	.4	.7	SF5		1.7X	167	6	
2007	NOV	6	0955	40.06	19	20.37	155	8.10	6.11	29	.11	.5	1.0	SF4		1.4X	134	5	
2007	NOV	6	1010	49.87	19	22.47	155	2.74	8.14	36	.15	.7	.5	SF5		1.7X	170	4	
2007	NOV	6	1457	23.55	19	19.37	155	13.52	6.95	32	.12	.4	.8	SF2		1.8X	68	4	
2007	NOV	6	1935	37.57	19	24.32	155	17.10	1.66	22	.07	.3	.2	SSC		1.6X	105	1	
2007	NOV	6	2124	4.74	19	27.53	155	27.98	10.96	48	.09	.3	.4	KAO		2.0X	44	8	
2007	NOV	7	0355	56.56	19	20.05	155	11.53	7.44	46	.11	.4	.5	SF3		1.7X	84	5	
2007	NOV	7	0507	36.36	19	27.24	155	14.43	33.63	18	.11	1.6	1.3	DEP		1.4X	196	9	
2007	NOV	7	0512	33.53	19	19.80	155	11.44	8.27	22	.06	.4	1.0	SF3		1.5X	89	6	
2007	NOV	7	1214	50.39	18	51.49	155	13.15	48.18	35	.09	1.2	2.0	LOI		1.6X	275	42	
2007	NOV	7	1313	39.41	19	25.15	155	28.46	8.17	38	.12	.4	1.0	KAO		1.9X	59	5	
2007	NOV	7	1358	53.19	19	19.94	155	25.71	49.76	32	.11	.8	1.6	DML		1.6X	58	4	
2007	NOV	7	1943	58.68	19	19.49	155	13.06	7.86	40	.11	.4	.6	SF2		1.8X	77	5	
2007	NOV	8	0107	4.59	19	30.44	155	28.12	5.74	20	.07	.3	1.1	MLO		1.5X	89	3	
2007	NOV	8	0258	51.11	19	32.17	155	35.88	13.89	42	.10	.3	.2	DML		1.9X	89	5	
2007	NOV	8	0500	50.76	19	30.23	155	53.29	10.56	45	.12	.6	.3	KON	F	2.9X	132	4	
2007	NOV	8	1150	16.24	19	34.11	155	41.37	9.35	26	.10	.5	1.1	MLO		1.3X	128	10	
2007	NOV	8	1335	42.00	20	0.86	155	11.54	45.41	43	.11	1.1	1.5	KEA		2.3X	231	21	
2007	NOV	8	1401	3.86	19	27.69	155	1.32	43.92	29	.10	1.0	1.3	DEP		1.9X	144	11	
2007	NOV	8	1938	3.04	19	23.64	155	37.21	10.23	26	.16	.6	1.0	MLO		1.2X	69	2	
2007	NOV	9	0847	52.85	19	19.60	155	7.37	6.91	34	.10	.5	.8	SF4		1.8X	161	4	
2007	NOV	9	0914	54.52	19	30.56	155	43.02	1.82	29	.12	.4	.9	KON		1.6X	98	5	
2007	NOV	9	0918	26.27	19	30.39	155	43.02	2.50	29	.12	.5	.9	KON		1.8X	97	5	
2007	NOV	9	1437	35.59	19	19.59	155	11.82	32.84	19	.07	1.1	1.4	DEP		1.7X	183	6	
2007	NOV	9	1937	6.49	19	12.68	155	37.03	6.74	39	.14	.3	1.2	LSW		2.0X	90	17	
2007	NOV	9	2327	50.97	19	19.80	155	6.96	7.37	30	.10	.7	.9	SF4		1.6X	206	7	
2007	NOV	10	0110	54.09	19	22.84	155	29.83	7.76	37	.10	.4	1.0	KAO		1.6X	81	4	
2007	NOV	10	0502	35.67	19	45.27	155	24.65	30.46	13	.07	.8	2.0	KEA		1.6X	157	6	
2007	NOV	10	1132	36.79	19	23.73	155	55.01	9.99	15	.15	1.8	.7	KON		1.5X	213	15	
2007	NOV	10	1658	17.01	19	18.04	155	13.03	8.53	22	.08	.8	.9	SF2		1.4X	226	8	
2007	NOV	10	1700	59.39	19	23.24	155	29.72	9.04	33	.12	.4	.8	KAO		1.6X	80	4	
2007	NOV	10	1701	46.73	19	18.49	155	13.12	0.78	28	.09	.5	.4	SSF		1.4X	174	8	
2007	NOV	10	2026	45.84	19	29.26	155	33.29	0.04	15	.11	.6	.4	MLO		1.8X	139	5	
2007	NOV	10	2230	13.26	19	16.64	155	27.34	10.13	17	.10	.5	1.6	LSW		1.5X	107	7	
2007	NOV	11	0755	27.06	19	16.81	155	28.51	7.85	39	.11	.4	.7	LSW		1.8X	93	9	
2007	NOV	11	0822	15.67	19	19.80	155	5.68	5.33	21	.08	1.0	2.4	SF4		1.7X	211	7	
2007	NOV	11	0840	19.22	19	19.71	155	13.41	8.54	42	.11	.4	.4	SF2		2.4X	166	5	
2007	NOV	11	0941	3.12	19	21.15	155	6.06	9.16	34	.10	.7	.6	SF4		2.0X	181	5	

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 83
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	NOV	11	0949	27.73	19	43.71	155	4.46	8.58	34	.13	.5	.9	HIL	2.2X	178	6
2007	NOV	11	0957	38.91	19	20.84	155	5.94	9.46	35	.09	.6	.6	SF4	2.4X	185	5
2007	NOV	11	1123	54.59	19	11.81	155	15.09	43.84	27	.08	.9	1.0	DEP	2.1X	210	13
2007	NOV	11	1535	19.94	19	51.37	155	51.50	38.52	40	.10	.7	1.4	HUA	2.6X	186	19
2007	NOV	11	1935	27.38	19	18.32	155	12.76	7.46	16	.11	1.0	1.8	SF2	1.2X	221	8
2007	NOV	11	2010	49.34	19	54.29	155	11.36	40.82	40	.12	.9	1.4	KEA	2.2X	211	16
2007	NOV	12	0049	1.68	19	18.00	155	12.85	7.72	29	.09	.6	1.0	SF2	1.6X	190	9
2007	NOV	12	0051	5.48	19	18.43	155	12.85	9.99	39	.08	.3	.3	SF2	2.5X	175	8
2007	NOV	12	0052	43.43	19	18.23	155	13.15	9.30	36	.09	.5	.4	SF2	1.8X	176	8
2007	NOV	12	0136	6.04	19	17.85	155	12.86	1.71	18	.07	.6	.8	SSF	1.1X	213	9
2007	NOV	12	0143	55.53	19	18.39	155	12.98	7.71	28	.09	.5	.9	SF2	1.4X	177	8
2007	NOV	12	0144	38.18	19	18.59	155	12.90	8.69	31	.08	.5	.8	SF2	1.7X	174	7
2007	NOV	12	0205	23.23	19	18.19	155	12.99	5.18	17	.08	.9	3.0	SF2	1.1X	206	8
2007	NOV	12	0559	9.39	19	17.62	155	12.92	9.12	29	.08	.6	.8	SF2	1.8X	193	9
2007	NOV	12	0805	43.31	19	12.11	155	33.61	45.49	28	.10	1.1	1.5	DLS T	2.4X	212	11
2007	NOV	12	0919	1.15	19	24.47	155	17.27	2.72	16	.09	.4	.3	SSC	1.6X	103	2
2007	NOV	12	1032	38.71	19	19.69	155	11.78	8.52	25	.06	.6	.7	SF3	1.5X	209	6
2007	NOV	13	1117	2.10	19	44.79	155	1.43	12.98	30	.13	1.6	.6	HIL	1.6X	225	5
2007	NOV	13	1120	24.19	19	24.14	155	29.63	9.49	42	.09	.3	.6	KAO	1.9X	50	5
2007	NOV	13	1223	17.34	19	19.81	155	11.56	6.25	41	.12	.4	.8	SF3	2.0X	89	6
2007	NOV	13	1612	47.13	19	19.44	155	7.43	8.48	37	.08	.4	.4	SF4	2.3X	139	4
2007	NOV	13	1728	31.38	19	4.57	155	22.76	36.43	37	.09	.9	1.4	LOI	1.8X	204	13
2007	NOV	13	1907	1.44	19	18.33	155	13.03	9.25	35	.11	.4	.5	SF2	2.0X	137	8
2007	NOV	13	2119	8.49	19	17.98	155	12.94	4.18	26	.10	.4	1.0	SSF	1.5X	111	2
2007	NOV	13	2147	57.34	19	28.88	155	27.22	6.70	19	.15	.5	1.5	KAO	1.6X	76	6
2007	NOV	14	0306	34.79	19	24.58	155	17.12	1.60	15	.08	.3	.3	SNC	1.3X	115	2
2007	NOV	14	0411	27.26	19	18.45	155	15.50	7.12	36	.11	.4	.6	SF1	1.5X	107	4
2007	NOV	14	1036	29.59	19	24.28	155	16.47	1.62	14	.09	.3	.3	SEC	1.3X	121	1
2007	NOV	14	2315	30.85	19	20.81	155	6.00	7.06	34	.11	.4	.6	SF4	1.6X	152	5
2007	NOV	14	2319	1.23	19	15.61	155	27.66	6.48	33	.17	.5	1.3	LSW	1.4X	72	4
2007	NOV	15	0305	22.64	19	20.94	155	17.06	1.92	17	.07	.3	.4	SWR	1.3X	63	2
2007	NOV	15	0431	36.02	19	24.20	155	17.12	1.63	15	.09	.3	.3	SSC	1.5X	99	1
2007	NOV	15	0602	28.82	19	18.92	155	13.82	5.54	30	.12	.4	1.2	SF2	1.4X	75	4
2007	NOV	15	0811	39.41	19	19.86	155	6.45	6.36	32	.11	.6	1.1	SF4	1.7X	156	5
2007	NOV	15	2143	17.03	19	20.82	155	6.40	7.15	28	.12	.6	1.0	SF4	1.3X	144	5
2007	NOV	16	1043	12.93	19	22.04	155	30.19	11.22	20	.10	.5	1.0	KAO	1.3X	75	5
2007	NOV	16	1054	48.86	19	20.39	155	11.05	8.04	28	.10	.6	.9	SF3	1.9X	80	5
2007	NOV	16	1530	33.71	18	58.83	155	31.54	45.23	30	.16	1.5	2.6	DLS T	2.5X	268	30
2007	NOV	16	1607	36.92	20	7.41	155	33.77	40.25	54	.10	.8	1.2	KEA F	3.3X	217	23
2007	NOV	16	1754	24.15	19	20.53	155	6.89	8.61	45	.12	.5	.4	SF4	3.1X	139	5
2007	NOV	16	1848	56.19	19	24.67	155	38.72	3.31	19	.11	.7	.5	MLO	1.2X	187	2
2007	NOV	17	0311	12.00	19	53.03	156	1.78	41.50	53	.10	.9	1.3	HUA F	2.8X	238	30
2007	NOV	17	0501	10.29	19	17.97	155	13.17	5.38	21	.08	.5	1.3	SF2	1.2X	100	2
2007	NOV	17	0856	21.39	19	19.29	155	11.10	6.22	33	.11	.5	.9	SF3	1.5X	103	6
2007	NOV	17	1125	32.01	19	16.55	155	28.14	8.55	32	.20	.5	1.0	LSW	1.5X	58	4

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 84
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	NOV	17	1302	39.91	19	9.64	155	32.33	51.64	26	.13	1.3	2.1	DLS T	1.8X	178	8
2007	NOV	17	1322	23.15	19	7.70	155	26.49	50.41	28	.10	1.1	1.7	DLS T	2.5X	176	15
2007	NOV	17	2232	18.81	19	25.47	155	37.62	2.57	19	.09	.3	.4	MLO	1.1X	93	2
2007	NOV	18	0311	0.18	19	22.14	155	28.74	11.04	30	.10	.3	.8	KAO	1.1X	42	2
2007	NOV	18	0327	53.80	19	28.93	155	28.36	6.22	29	.09	.3	1.4	KAO	1.4X	82	6
2007	NOV	18	0700	48.21	19	19.73	155	11.30	7.17	38	.09	.4	.7	SF3	1.5X	92	6
2007	NOV	18	0839	46.14	19	21.74	155	16.43	1.71	24	.09	.2	.3	KOA	1.4X	60	2
2007	NOV	18	1146	35.93	19	22.88	155	30.10	11.58	26	.06	.4	.9	KAO	1.4X	47	4
2007	NOV	18	1219	55.22	19	10.29	155	35.33	10.62	27	.13	.6	1.7	LSW	1.5X	168	13
2007	NOV	18	2325	5.56	19	11.86	155	28.43	7.20	47	.14	.4	.7	LSW	2.1X	93	4
2007	NOV	19	0335	43.76	19	23.34	156	34.61	28.40	27	.09	1.6	4.1	DIS	2.0X	315	70
2007	NOV	19	0414	45.48	19	17.13	155	15.29	5.99	38	.10	.4	.9	SF1	1.4X	145	3
2007	NOV	19	0451	8.27	19	25.84	155	26.34	8.85	39	.14	.4	1.0	KAO	1.4X	57	7
2007	NOV	19	0526	13.67	19	26.47	155	18.83	7.69	31	.11	.5	.8	INT	1.6X	156	3
2007	NOV	19	0809	52.01	19	18.34	155	12.85	9.18	40	.11	.5	.7	SF2	2.0X	137	8
2007	NOV	19	0856	50.16	19	18.01	155	12.93	5.51	29	.11	.4	1.1	SF2	1.4X	111	2
2007	NOV	20	0053	46.99	19	21.71	155	16.36	1.60	18	.07	.2	.3	KOA	1.4X	61	2
2007	NOV	20	0233	9.59	19	17.19	155	13.78	7.66	37	.10	.5	.6	SF2	1.3X	122	1
2007	NOV	20	0738	37.58	19	22.19	156	30.64	42.61	33	.14	1.9	2.9	DIS	2.0X	312	64
2007	NOV	20	1746	4.42	19	24.22	155	16.82	1.99	19	.11	.3	.3	SSC	1.3X	110	1
2007	NOV	21	0600	23.50	19	56.19	155	30.33	36.80	46	.10	.7	1.2	KEA	1.8X	159	18
2007	NOV	21	0654	36.36	19	45.43	155	48.97	13.91	27	.08	.9	.6	HUA	1.7X	167	8
2007	NOV	21	0915	41.08	18	49.58	155	13.66	53.58	31	.09	1.3	2.2	LOI	1.8X	270	44
2007	NOV	21	1140	52.70	19	22.13	155	26.11	10.38	30	.11	.4	.8	KAO	1.4X	58	3
2007	NOV	21	1832	58.43	19	22.67	155	4.21	7.52	27	.10	.6	1.2	SF5	1.3X	174	6
2007	NOV	21	1833	48.81	19	21.32	155	3.13	5.44	27	.12	.9	2.7	SF5	1.6X	200	9
2007	NOV	21	2205	36.74	19	15.09	155	26.41	8.51	31	.15	.7	1.1	LSW	1.3X	189	6
2007	NOV	21	2349	22.33	19	42.43	156	5.06	6.28	32	.13	.9	.5	HUA	2.4X	274	26
2007	NOV	22	1039	12.78	19	29.19	154	49.03	37.44	38	.13	1.2	1.0	LER	1.9X	285	11
2007	NOV	22	1636	49.80	19	53.19	156	2.96	47.11	48	.09	.9	1.2	HUA	2.4X	242	39
2007	NOV	22	1955	35.03	19	5.79	155	29.59	38.74	18	.12	1.5	2.0	DLS T	1.5X	268	7
2007	NOV	23	0156	10.17	19	20.35	155	7.15	8.96	49	.07	.3	.3	SF4	2.2X	136	6
2007	NOV	23	0312	51.75	19	20.58	155	29.85	11.05	37	.08	.3	.7	KAO	1.3X	51	5
2007	NOV	23	0438	22.05	19	19.50	155	12.05	7.94	42	.08	.3	.5	SF3	1.8X	91	5
2007	NOV	23	0540	14.12	19	25.99	155	28.18	9.68	37	.11	.4	.9	KAO	1.9X	49	7
2007	NOV	23	0554	44.32	19	18.31	155	26.23	10.68	41	.11	.3	.6	LSW	1.6X	56	6
2007	NOV	23	0608	14.08	19	52.46	155	22.25	29.31	28	.11	.6	1.2	KEA	1.8X	152	3
2007	NOV	23	1000	5.01	19	20.91	155	6.22	7.91	37	.10	.4	.6	SF4	2.0X	146	5
2007	NOV	23	1825	38.00	19	24.29	155	17.16	2.23	14	.07	.3	.2	SSC	1.1X	101	1
2007	NOV	24	0534	59.69	19	24.48	155	16.90	2.00	18	.07	.3	.2	SSC	1.4X	120	1
2007	NOV	24	0931	48.25	19	25.58	155	29.42	9.85	40	.11	.3	.7	KAO	1.7X	40	6
2007	NOV	24	1610	43.71	19	36.13	155	18.77	12.32	27	.12	.6	1.0	KEA	1.5X	145	14
2007	NOV	24	1853	29.57	19	57.98	155	35.14	22.80	31	.10	.8	1.9	KOH F	2.0X	156	14
2007	NOV	24	2117	13.53	19	22.74	155	29.92	9.04	42	.10	.3	.7	KAO	1.7X	47	4
2007	NOV	24	2229	22.57	19	47.56	156	9.87	11.11	22	.09	1.4	.8	HUA	1.4X	289	36

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 85
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	NOV	25	0108	30.16	19	24.32	155	16.95	1.91	24	.08	.3	.2	SSC		1.9X	110	1
2007	NOV	25	0111	45.47	19	19.97	155	7.23	6.93	33	.11	.4	.8	SF4		1.3X	138	5
2007	NOV	25	0849	52.09	19	21.23	155	6.27	9.35	45	.09	.3	.4	SF4		2.3X	142	5
2007	NOV	25	0938	14.09	19	22.16	155	26.22	10.96	36	.10	.3	.7	KAO		1.4X	49	3
2007	NOV	25	1112	17.27	19	18.17	155	13.03	8.42	45	.09	.3	.3	SF2		2.2X	102	2
2007	NOV	25	1308	19.50	19	26.92	155	30.11	11.27	35	.08	.3	.9	KAO		1.6X	59	9
2007	NOV	25	1607	41.54	19	36.93	156	6.05	37.64	29	.12	1.3	1.8	KON		1.8X	271	29
2007	NOV	25	1706	53.94	19	10.68	155	28.01	36.00	36	.09	.8	1.3	DLS		1.9X	103	2
2007	NOV	25	2017	10.56	19	22.10	155	28.05	5.58	20	.11	.4	.8	KAO		1.4X	71	1
2007	NOV	26	0223	20.77	19	22.62	155	30.28	8.64	39	.11	.3	.9	KAO		1.6X	50	5
2007	NOV	26	0519	30.14	19	19.10	155	13.39	7.44	45	.11	.3	.6	SF2		2.1X	75	4
2007	NOV	26	1416	7.33	19	20.92	155	13.23	8.43	37	.06	.3	.5	SF2		1.5X	60	3
2007	NOV	26	1742	59.00	19	20.38	155	8.82	8.18	44	.11	.4	.6	SF4		2.1X	101	5
2007	NOV	26	1754	56.96	19	20.61	155	6.76	8.57	37	.08	.4	.5	SF4		1.4X	141	5
2007	NOV	26	2006	7.87	19	19.61	155	7.18	9.59	35	.11	.4	.6	SF4		1.6X	143	4
2007	NOV	26	2119	42.10	19	25.87	155	23.50	10.94	43	.11	.4	.6	KAO		1.9X	46	7
2007	NOV	26	2241	29.53	19	20.21	155	8.89	8.50	44	.08	.3	.5	SF4		1.9X	100	5
2007	NOV	26	2243	7.17	19	20.18	155	8.59	8.61	46	.10	.4	.5	SF4		2.0X	105	5
2007	NOV	27	0043	59.03	19	3.01	155	22.18	37.73	34	.09	1.1	1.6	LOI		1.7X	256	16
2007	NOV	27	0048	34.96	19	24.63	155	16.89	1.91	8	.03	.5	.7	SNC		1.6X	136	1
2007	NOV	27	1521	31.08	19	6.42	155	21.32	34.52	29	.11	1.0	1.5	LOI		1.6X	240	13
2007	NOV	27	1834	45.20	19	23.64	155	15.61	3.08	25	.09	.3	.3	SEC		1.9X	95	2
2007	NOV	27	2057	16.46	19	24.33	155	17.06	1.84	18	.06	.3	.2	SSC		1.4X	107	1
2007	NOV	27	2251	27.16	19	22.38	155	28.71	10.20	43	.09	.3	.6	KAO		1.6X	41	2
2007	NOV	28	0012	13.00	19	20.25	155	13.54	7.62	15	.04	.5	1.4	SF2		1.3X	67	4
2007	NOV	28	0058	13.94	19	26.71	155	29.57	44.07	44	.20	1.0	1.2	DML		2.6X	41	7
2007	NOV	28	0156	42.14	19	31.90	155	40.83	4.14	33	.15	.4	3.3	MLO		1.5X	83	9
2007	NOV	28	0218	30.06	19	20.74	155	4.20	6.72	35	.13	.6	1.0	SF5		1.6X	176	8
2007	NOV	28	0327	39.90	19	26.10	155	19.42	7.85	23	.10	.6	.9	KAO		1.4X	146	3
2007	NOV	28	0353	3.89	20	2.98	156	0.60	25.63	26	.11	1.2	2.6	KOH		1.9X	260	26
2007	NOV	28	0807	34.28	19	21.23	155	4.76	9.98	40	.09	.5	.4	SF5		2.1X	163	6
2007	NOV	28	1821	22.35	19	19.76	155	11.75	7.56	34	.08	.4	.6	SF3		1.3X	88	6
2007	NOV	28	2202	17.72	19	23.76	155	30.19	9.28	40	.08	.3	.8	KAO		1.5X	47	5
2007	NOV	29	0007	5.86	19	19.87	155	7.39	7.87	40	.12	.4	.7	SF4		1.5X	135	5
2007	NOV	29	0157	48.30	19	23.83	155	17.06	1.80	15	.12	.4	.3	SSC		1.1X	89	1
2007	NOV	29	0830	12.53	19	13.46	155	32.19	10.11	31	.12	.4	1.0	LSW		1.7X	119	5
2007	NOV	29	0903	14.25	19	24.46	155	16.62	2.16	18	.10	.3	.3	SSC		1.5X	128	1
2007	NOV	29	1837	25.34	19	36.27	155	52.13	28.32	53	.10	.6	1.1	KON	F	3.6X	167	14
2007	NOV	29	2332	49.00	19	31.11	155	27.89	4.79	15	.10	.4	1.1	MLO		1.2X	93	2
2007	NOV	30	0431	3.83	19	20.11	155	8.89	7.58	40	.08	.4	.5	SF4		1.8X	100	5
2007	NOV	30	1554	6.52	19	11.65	155	31.16	39.39	20	.08	1.0	1.8	DLS		1.5X	159	7
2007	NOV	30	1557	57.46	19	22.12	155	28.03	8.00	35	.12	.4	.9	KAO		1.7X	42	1
2007	NOV	30	2133	4.67	19	20.44	155	4.58	8.42	37	.08	.5	.6	SF5		1.4X	176	8
2007	DEC	1	0223	57.96	19	15.97	155	22.44	35.57	40	.10	.7	1.2	DEP		1.6X	135	4
2007	DEC	1	0541	11.01	19	16.29	155	22.26	35.76	48	.11	.6	.9	DEP		2.4X	134	5

---ORIGIN TIME (HST)--					-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC		PREF	AZ	MIN 86
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS		MAG	GAP	DS
2007	DEC	1	1606	44.91	19	11.45	155	41.91	2.31	23	.17	.5	1.8	LSW		1.8X	74	8
2007	DEC	1	1805	58.36	19	16.15	155	22.49	35.54	48	.12	.7	1.0	DEP		2.0X	133	4
2007	DEC	2	0057	49.02	19	56.47	155	28.17	32.99	35	.10	.8	1.4	KEA		1.7X	227	14
2007	DEC	2	1609	10.96	19	19.53	155	13.40	7.53	43	.11	.4	.6	SF2		1.9X	70	5
2007	DEC	3	0028	44.42	19	24.51	155	20.62	13.53	43	.12	.3	.3	DML		1.9X	45	2
2007	DEC	3	0106	45.47	19	9.88	155	26.32	31.97	48	.08	.6	1.0	DLS		2.0X	165	3
2007	DEC	3	0149	40.86	18	52.63	155	33.73	38.51	29	.09	1.2	1.6	DLS		1.9X	278	16
2007	DEC	3	0431	49.66	19	51.63	155	57.10	42.73	47	.10	.8	1.2	HUA		2.3X	216	23
2007	DEC	3	1215	27.57	19	46.73	155	54.65	31.03	40	.09	.9	1.3	HUA		2.2X	197	13
2007	DEC	3	1227	17.67	19	14.32	155	35.24	1.98	43	.14	.4	.8	LSW		2.2X	109	9
2007	DEC	4	0118	49.46	19	20.14	155	24.64	9.47	31	.10	.4	.7	SWR		1.3X	64	2
2007	DEC	4	1219	14.78	19	43.92	155	17.63	28.49	38	.11	.6	1.5	KEA		2.1X	112	18
2007	DEC	4	1247	51.71	19	29.96	155	29.39	6.57	15	.06	.4	1.7	KAO		1.4X	110	5
2007	DEC	4	1303	44.16	19	41.22	155	44.62	15.18	38	.10	.6	.6	HUA		2.2X	164	20
2007	DEC	4	1327	30.37	19	18.38	155	15.74	6.33	30	.12	.4	1.0	SF1		1.5X	111	4
2007	DEC	4	2225	29.32	19	25.00	155	51.32	14.36	33	.11	.6	.4	KON		2.3X	135	10
2007	DEC	4	2247	55.40	19	30.79	155	44.25	9.61	20	.12	.8	1.1	KON		1.8X	183	3
2007	DEC	5	0103	14.71	19	18.01	155	30.20	10.36	21	.12	.9	1.8	LSW		1.3X	147	9
2007	DEC	5	1628	17.70	19	10.81	155	28.03	34.57	35	.10	.6	1.2	DLS		2.0X	102	2
2007	DEC	6	0925	19.04	19	26.96	155	29.63	11.20	28	.07	.4	1.1	KAO		1.7X	70	7
2007	DEC	6	1030	37.63	19	24.39	155	16.90	1.78	19	.08	.3	.2	SSC		1.8X	116	1
2007	DEC	6	1332	23.94	19	20.89	155	17.04	2.21	16	.09	.3	.4	SWR		1.7X	111	2
2007	DEC	6	1450	26.65	19	19.85	155	11.54	4.73	34	.13	.4	1.8	SSF		2.0X	87	6
2007	DEC	7	0403	43.68	19	21.27	155	2.18	5.59	39	.15	.6	.8	SF5		2.1X	189	7
2007	DEC	7	0454	53.46	19	28.18	155	31.72	21.37	24	.06	.5	1.0	DML		2.0X	86	6
2007	DEC	8	0509	20.19	19	8.76	155	6.86	53.62	28	.09	1.3	1.7	LOI		2.1X	223	19
2007	DEC	8	1108	38.17	19	23.26	155	38.17	10.82	24	.14	.6	1.1	MLO		1.5X	81	5
2007	DEC	8	1420	9.57	19	25.85	155	30.52	11.94	23	.09	.4	.8	KAO		1.4X	67	8
2007	DEC	9	0058	52.84	19	18.70	155	13.20	5.71	30	.12	.4	.8	SF2		1.7X	84	3
2007	DEC	9	0337	52.14	19	24.46	155	16.84	1.55	16	.10	.3	.3	SSC		1.8X	121	2
2007	DEC	9	1744	28.04	19	34.64	156	23.01	26.92	42	.15	2.0	3.6	DIS		2.7X	274	50
2007	DEC	10	0308	41.92	19	26.09	155	30.21	11.58	39	.09	.3	.5	KAO		1.6X	38	5
2007	DEC	10	0631	18.05	20	1.53	156	19.50	27.37	45	.11	1.4	3.0	KOH		3.8X	288	58
2007	DEC	10	1203	6.75	19	27.05	154	55.71	2.25	24	.14	2.1	.9	SLE		1.4X	193	1
2007	DEC	10	1532	9.66	19	27.65	155	58.07	16.58	18	.12	1.8	1.6	KON		1.4X	234	6
2007	DEC	10	1846	38.53	19	28.39	155	28.39	9.36	37	.13	.4	.9	KAO		1.7X	57	7
2007	DEC	10	2220	18.84	19	57.80	155	17.17	15.42	32	.10	1.2	.6	KEA		1.8X	242	10
2007	DEC	10	2230	59.98	19	27.41	155	14.19	32.98	42	.12	.6	.9	DEP		1.9X	51	5
2007	DEC	10	2357	25.21	19	27.56	155	14.65	31.78	48	.11	.5	.9	DEP		2.1X	52	5
2007	DEC	11	0056	43.58	19	26.86	155	29.89	8.97	24	.13	.4	1.2	KAO		1.4X	71	9
2007	DEC	11	0100	31.55	19	24.31	155	17.03	1.91	17	.06	.3	.3	SSC		1.6X	107	1
2007	DEC	11	1144	15.64	19	20.86	155	17.23	1.87	18	.10	.3	.3	SWR		1.4X	63	1
2007	DEC	11	2121	16.37	19	16.96	155	3.79	46.71	44	.09	.8	.9	DEP		2.2X	216	7
2007	DEC	11	2213	11.93	19	48.55	155	35.61	13.63	23	.12	.6	.6	KEA		1.5X	122	9
2007	DEC	12	0939	47.89	19	16.18	155	23.09	2.88	17	.11	.4	1.1	SWR		1.3X	122	4

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 87
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	DEC	12	1027	2.95	19	27.91	154	51.44	4.30	27	.18	1.5	2.1	SLE F	2.3X	271	7
2007	DEC	12	1933	51.34	19	36.03	155	14.46	7.57	41	.12	.4	.8	KEA	1.6X	81	19
2007	DEC	13	0008	32.79	19	25.95	155	29.47	9.30	28	.13	.4	1.0	KAO	1.3X	46	6
2007	DEC	13	0215	36.82	19	20.67	155	6.94	4.28	34	.16	.5	1.5	SSF	1.5X	137	5
2007	DEC	13	0935	44.49	19	19.78	155	12.06	3.33	23	.14	.4	1.3	SSF	1.3X	85	6
2007	DEC	13	1033	8.88	19	34.56	155	41.47	8.47	29	.14	.5	1.4	MLO	1.6X	97	11
2007	DEC	13	1750	17.73	19	20.90	155	13.27	7.37	41	.12	.4	.5	SF2	1.8X	58	3
2007	DEC	13	1859	18.11	19	35.29	155	33.82	9.44	20	.12	.7	1.5	KEA	1.4X	95	8
2007	DEC	13	1914	49.98	19	22.36	155	29.44	11.17	18	.11	.5	1.0	KAO	1.5X	72	3
2007	DEC	13	1946	22.32	19	49.16	155	25.28	25.35	23	.08	.7	1.3	KEA	1.5X	125	6
2007	DEC	13	2229	16.87	19	26.69	155	29.42	9.01	35	.10	.3	.8	KAO	1.5X	44	8
2007	DEC	14	0012	39.10	19	25.12	155	30.79	12.10	18	.07	.4	1.0	KAO	1.1X	57	7
2007	DEC	14	0139	0.34	19	0.10	155	30.18	39.42	48	.08	.7	1.0	DLS	2.3X	214	18
2007	DEC	14	0710	48.65	19	15.26	155	31.39	8.51	25	.14	.4	1.2	LSW	1.7X	98	2
2007	DEC	14	0738	58.98	19	23.21	155	25.06	9.25	38	.11	.3	.7	KAO	1.7X	58	5
2007	DEC	14	1921	13.26	19	19.78	155	11.70	6.18	46	.11	.4	.6	SF3	2.0X	88	6
2007	DEC	14	1948	24.90	19	21.52	155	4.44	7.69	38	.14	.6	.5	SF5	1.9X	163	5
2007	DEC	14	2349	10.47	19	24.44	155	16.89	1.90	20	.08	.3	.2	SSC	1.7X	118	1
2007	DEC	15	0229	12.03	19	19.07	155	15.20	7.21	43	.12	.4	.6	SF1	1.7X	100	4
2007	DEC	15	0526	23.48	19	24.11	155	2.13	6.94	29	.11	.6	.7	SF5	1.8X	168	4
2007	DEC	15	0530	25.35	19	19.45	155	12.70	6.93	42	.12	.4	.6	SF2	1.9X	82	5
2007	DEC	15	1605	34.84	19	20.09	155	7.42	4.83	29	.16	.6	2.2	SSF	1.3X	133	5
2007	DEC	15	2058	14.91	19	20.44	155	19.19	3.38	28	.11	.3	.7	SWR	1.5X	50	3
2007	DEC	15	2128	3.62	19	24.28	155	16.93	1.83	19	.10	.3	.2	SSC	1.6X	109	1
2007	DEC	15	2144	30.14	19	19.87	155	8.58	6.51	31	.11	.4	.9	SF4	1.5X	106	5
2007	DEC	15	2217	32.58	19	26.38	155	20.09	7.11	45	.11	.3	.6	KAO	2.0X	47	5
2007	DEC	16	1338	15.60	19	20.01	155	3.84	2.71	36	.12	.5	.9	SSF	2.0X	189	8
2007	DEC	16	1811	12.63	19	26.90	155	29.10	12.73	18	.11	.5	1.2	KAO	1.4X	69	8
2007	DEC	17	0005	37.66	19	30.51	155	26.73	5.77	15	.12	.5	1.7	MLO	1.6X	123	3
2007	DEC	17	0234	14.40	19	16.97	155	30.45	9.27	29	.13	.4	.8	LSW	2.0X	60	4
2007	DEC	17	1336	4.74	19	11.71	155	31.57	38.67	32	.08	.6	1.4	DLS	2.0X	91	7
2007	DEC	17	1728	14.69	19	18.98	155	12.60	5.50	34	.12	.4	.9	SF2	1.6X	93	4
2007	DEC	17	1947	17.77	19	18.69	155	12.67	6.35	34	.11	.4	.7	SF2	1.5X	99	3
2007	DEC	17	1958	7.83	19	24.98	155	36.96	2.27	20	.13	.3	.4	MLO	1.7X	68	2
2007	DEC	18	0023	17.06	19	50.98	155	47.27	12.02	32	.17	.8	.4	HUA	2.2X	162	13
2007	DEC	18	0744	14.57	19	25.87	155	28.92	10.48	47	.11	.3	.5	KAO	2.0X	38	7
2007	DEC	18	1127	51.95	19	6.49	155	7.90	48.39	37	.09	1.3	1.5	LOI	2.2X	232	20
2007	DEC	18	1315	1.84	19	22.57	155	2.75	6.18	32	.12	.6	.8	SF5	1.5X	186	5
2007	DEC	18	1326	48.97	19	30.26	156	20.56	36.94	50	.13	1.1	1.9	DIS	2.8X	271	45
2007	DEC	18	1457	2.25	19	21.01	155	5.47	6.98	32	.14	.6	.8	SF4	1.4X	156	6
2007	DEC	18	1541	51.00	19	25.95	155	37.19	2.63	44	.13	.3	.4	MLO	2.7X	79	3
2007	DEC	18	1828	12.34	19	19.63	155	11.81	6.53	33	.11	.4	.7	SF3	1.5X	91	6
2007	DEC	18	1837	7.79	19	18.96	155	25.28	9.11	35	.12	.4	.6	LSW	1.5X	66	4
2007	DEC	19	0051	30.48	19	21.93	155	27.94	5.35	23	.15	.4	1.0	KAO	1.4X	48	1
2007	DEC	19	0056	29.35	19	20.22	155	12.91	7.14	36	.08	.3	.5	SF2	1.5X	69	4

---ORIGIN TIME (HST)--				-LAT N--		--LON W--		DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN 88
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2007	DEC	19	0423	47.40	19	22.36	155	4.38	7.66	33	.14	.5	.6	SF5	1.4X	153	4
2007	DEC	19	0619	23.56	19	19.85	155	7.90	8.51	43	.08	.4	.3	SF4	2.3X	124	5
2007	DEC	19	0624	48.71	19	13.61	155	20.17	35.70	42	.11	.9	1.0	DEP	1.7X	161	7
2007	DEC	19	1310	29.61	19	24.90	155	38.73	3.22	16	.07	.7	.5	MLO	1.6X	190	2
2007	DEC	19	1353	38.66	19	49.66	155	2.06	37.16	45	.11	.9	1.3	KEA	2.4X	229	14
2007	DEC	19	1619	6.29	19	44.60	155	2.85	12.08	30	.10	1.0	.6	HIL	1.9X	218	5
2007	DEC	19	2007	19.71	19	21.99	155	4.65	6.12	38	.17	.6	.9	SF5	1.9X	155	4
2007	DEC	19	2044	14.02	19	17.03	155	21.88	34.40	35	.10	.7	1.1	DEP	1.7X	127	6
2007	DEC	20	0523	3.33	19	20.86	155	29.97	9.50	45	.12	.3	.6	KAO	2.0X	34	5
2007	DEC	20	0753	56.29	19	52.86	155	43.54	35.25	42	.09	.7	1.3	HUA F	2.4X	140	7
2007	DEC	20	1001	15.78	19	19.28	155	9.85	7.73	40	.09	.4	.4	SF3	2.0X	101	5
2007	DEC	20	1049	18.12	19	21.10	155	4.59	6.30	41	.13	.5	.8	SF5	2.3X	167	6
2007	DEC	20	1417	51.53	19	25.14	155	39.03	3.41	30	.09	.4	.6	MLO	2.4X	84	3
2007	DEC	20	1957	6.12	19	24.33	155	17.11	1.72	25	.09	.3	.2	SSC	1.8X	105	1
2007	DEC	21	0321	10.17	19	19.27	155	30.23	3.95	36	.11	.3	3.5	KAO	1.8X	38	8
2007	DEC	21	0541	50.60	19	23.63	155	29.43	8.05	27	.12	.4	.9	KAO	1.6X	48	4
2007	DEC	21	0632	30.32	19	18.43	155	13.07	4.81	27	.10	.4	1.3	SSF	1.4X	94	3
2007	DEC	21	1003	28.57	19	24.82	155	16.58	3.91	16	.08	.5	.4	SNC L	1.8X	151	2
2007	DEC	21	2355	25.76	19	20.16	155	4.79	7.77	39	.11	.6	.5	SF5	2.3X	188	8
2007	DEC	22	0314	59.98	19	24.31	155	17.09	1.60	22	.07	.3	.2	SSC	1.5X	104	1
2007	DEC	22	0451	16.43	19	18.94	155	12.95	5.57	22	.10	.5	1.2	SF2	1.2X	87	4
2007	DEC	22	1222	39.52	19	17.79	155	4.43	44.69	37	.11	.9	.9	DEP	1.9X	209	6
2007	DEC	22	2215	56.49	19	21.11	155	5.87	9.28	40	.08	.4	.4	SF4	1.6X	149	5
2007	DEC	22	2312	32.44	19	19.61	155	7.92	8.35	38	.09	.4	.5	SF4	1.5X	124	4
2007	DEC	23	0323	25.72	19	12.32	155	31.65	36.87	23	.06	.8	1.6	DLS	2.0X	153	6
2007	DEC	23	0339	44.47	19	41.92	155	58.79	0.06	27	.13	1.5	.5	HUA #	1.6X	255	15
2007	DEC	23	0907	11.62	19	46.43	155	34.15	13.31	17	.07	.5	.7	KEA	1.5X	106	13
2007	DEC	23	1228	57.68	19	18.79	155	13.00	7.95	42	.11	.4	.6	SF2	2.0X	89	3
2007	DEC	24	0644	44.76	19	22.53	155	29.96	10.12	38	.08	.3	.8	KAO	1.5X	47	4
2007	DEC	24	0717	9.47	19	17.94	154	50.58	40.90	24	.11	2.0	1.1	LER	1.7X	288	19
2007	DEC	24	1514	36.71	19	53.37	156	35.72	27.98	30	.10	1.9	4.0	DIS	2.3X	320	82
2007	DEC	24	2000	43.48	19	22.04	155	1.57	8.86	42	.09	.6	.4	SF5	2.1X	186	7
2007	DEC	24	2038	22.67	19	28.70	155	27.02	9.29	24	.10	.4	.9	KAO	1.5X	59	6
2007	DEC	25	0657	49.13	19	20.49	155	51.56	11.78	21	.14	1.0	.5	KON F	1.4X	199	8
2007	DEC	25	0856	38.50	19	21.44	155	2.25	8.08	38	.11	.7	.5	SF5	1.8X	201	7
2007	DEC	25	1033	10.88	19	23.34	155	30.23	10.28	33	.09	.4	.8	KAO	1.6X	48	5
2007	DEC	25	1222	47.87	19	25.25	155	15.43	15.45	40	.10	.6	.3	DEP	1.9X	92	2
2007	DEC	25	1318	9.08	19	24.40	155	16.99	1.73	33	.10	.3	.2	SSC	1.9X	113	1
2007	DEC	25	1529	41.23	19	18.85	155	14.97	8.01	46	.09	.3	.4	SF1	1.9X	91	4
2007	DEC	25	1555	53.52	19	18.94	155	10.16	7.89	40	.08	.4	.5	SF3	2.0X	112	5
2007	DEC	25	2041	38.04	19	20.39	155	6.89	7.97	50	.09	.4	.4	SF4	2.0X	141	6
2007	DEC	25	2155	54.88	19	16.85	155	27.37	10.35	28	.09	.4	.8	LSW	1.8X	56	6
2007	DEC	25	2325	15.76	19	17.91	155	15.02	6.48	47	.10	.3	.6	SF1	1.9X	115	3
2007	DEC	26	1925	54.93	19	29.86	155	25.96	13.08	23	.14	.6	.8	DML	1.8X	79	5
2007	DEC	27	0109	41.58	19	23.24	155	30.26	10.24	26	.06	.3	.9	KAO	1.3X	48	5

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---ORIGIN TIME (HST)-- -LAT N-- --LON W-- DEPTH  N RMS ERH ERZ LOC    PREF AZ MIN 89
YEAR MON DA HRMN  SEC  DEG MIN  DEG  MIN    KM  RD SEC  KM  KM REMKS  MAG  GAP DS

2007 DEC 27 0606 23.80 19 20.32 155 13.16  7.88 32 .07  .4  .5 SF2    1.4X  66  4
2007 DEC 27 1122  7.19 19 25.50 155 24.08  9.19 30 .10  .4 1.1 KAO    1.6X  81  8
2007 DEC 27 1754 10.64 19 26.06 155 37.57  2.82 35 .11  .3  .4 MLO    2.4X  93  3
2007 DEC 27 2152 48.38 19 13.08 155 32.55  6.15 47 .15  .5  .9 LSW F  2.5X 127  6
2007 DEC 27 2205  9.39 19 14.33 155 28.30 11.28 34 .10  .4  .7 LSW    1.5X  85  3

2007 DEC 28 0339 39.91 19 11.65 155 31.57 38.38 50 .09  .6 1.0 DLS    2.4X  92  7
2007 DEC 28 0426 29.57 19 45.28 156 10.48 36.86 23 .09 1.5 2.2 HUA    1.9X 288 36
2007 DEC 28 0853 12.26 19 12.48 155 31.48 42.24 45 .07  .6 1.0 DLS    2.3X  82  5
2007 DEC 28 0948 27.19 19 26.55 155 29.13 13.32 25 .07  .4  .9 DML    1.8X  67  7
2007 DEC 28 1341 19.62 19 19.44 155 10.42  5.98 30 .11  .4  .9 SF3    1.7X 100  6

2007 DEC 28 2347 56.27 19 20.36 155  6.07  7.52 35 .13  .5  .5 SF4    1.8X 156  6
2007 DEC 29 0054 30.66 19 17.16 155 29.78  5.28 32 .20  .4 1.6 LSW    1.6X  54  4
2007 DEC 29 0148 31.56 19 20.12 155 12.60  8.50 48 .09  .4  .4 SF2    1.9X  73  5
2007 DEC 29 0704 25.87 19 50.72 155 40.56 13.87 49 .12  .9  .5 KEA F  2.8X 181  2
2007 DEC 29 0705 12.81 19 49.75 155 42.56 12.33 42 .11  .7  .4 KEA    2.4X 195  6

2007 DEC 29 1228  3.00 19 22.56 155 14.14  3.28 19 .09  .4  .4 SEC    1.6X  87  2
2007 DEC 29 2108 49.09 19 22.28 155 29.88 11.46 24 .08  .4  .9 KAO    1.8X  72  4
2007 DEC 29 2114 27.13 19 10.27 155 36.54  2.53 26 .14  .5 1.3 LSW    1.7X 103 14
2007 DEC 29 2309 24.02 19 25.33 155 36.88  2.55 16 .15  .4  .6 MLO    1.2X  80  2
2007 DEC 30 0049 31.40 19 25.41 155 25.08  9.87 37 .11  .4  .8 KAO    1.8X  69  7

2007 DEC 30 0454  8.65 19 29.20 155 21.81 10.43 27 .14  .5  .9 KAO    1.5X  98  3
2007 DEC 30 0657 56.09 19 10.35 155 31.76 32.58 46 .09  .5 1.0 DLS    2.2X 114  7
2007 DEC 30 0734 54.43 19 10.64 155 31.75 32.04 32 .07  .6 1.4 DLS    1.9X 108  7
2007 DEC 30 1540 28.26 20  3.39 156  3.90 27.03 46 .12 1.0 2.4 KOH F  2.9X 269 31
2007 DEC 31 0011 35.32 19 12.76 155 29.43  8.42 36 .15  .4  .8 LSW    1.8X 103  4

2007 DEC 31 1240 40.85 19 21.00 155  4.12  6.68 31 .13  .6 1.1 SF5    1.6X 174  6
2007 DEC 31 1945 52.59 19 17.11 155 12.75  8.16 33 .11  .5  .9 SF2    1.7X 157  1
2007 DEC 31 1949 12.03 20 12.43 155 35.18 38.97 50 .10 1.0 1.6 KOH F  2.7X 246 22
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Table 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	REMKS		MAG	GAP	DS
2007	JAN	25	0735	14.73	20	8.34	156	2.60	20.89	45	.13	1.3	2.9	KOH		3.2X	275	28
2007	JAN	30	1733	48.47	19	18.89	156	18.12	39.13	53	.08	.9	1.4	KON	F	3.6X	273	45
2007	JAN	31	1820	27.62	20	2.54	155	57.95	10.39	46	.12	1.3	.6	KOH	F	3.5X	235	22
2007	FEB	22	0523	36.46	19	41.90	156	50.94	24.84	46	.11	1.1	3.8	DIS		3.1X	304	100
2007	FEB	23	0653	47.01	19	46.49	156	9.19	7.75	46	.14	.9	.7	HUA	F	3.3X	255	40
2007	MAR	24	2111	39.98	19	13.84	155	21.88	44.96	48	.12	.8	1.0	DEP	F	3.0X	155	9
2007	MAR	31	0142	30.39	20	6.05	156	1.26	7.09	45	.09	.9	.6	KOH	F	3.2X	298	46
2007	APR	13	1228	23.50	19	22.73	153	34.70	27.96	42	.11	2.0	3.0	DIS		3.2X	333	141
2007	APR	15	0955	8.83	19	57.42	156	12.44	42.25	50	.10	1.1	1.3	KOH	F	3.4X	271	39
2007	APR	26	0516	15.47	19	21.54	155	4.83	9.29	52	.11	.5	.3	SF5	F	3.3X	158	5
2007	MAY	2	0535	11.54	20	1.41	155	19.64	8.61	50	.11	.7	.6	KEA	F	3.5X	214	30
2007	MAY	18	0559	19.68	19	13.41	155	30.55	2.32	47	.12	.3	.6	LSW	F	3.0X	67	9
2007	MAY	24	0913	43.92	19	23.89	155	15.24	1.99	48	.13	.2	.3	SEC	F	4.7U	44	2
2007	MAY	24	0933	9.81	19	23.06	155	14.32	3.30	49	.12	.3	.4	SEC	F	4.1U	47	2
2007	MAY	24	1041	36.71	19	22.77	155	14.48	0.25	45	.11	.2	.2	SEC		3.4U	50	2
2007	MAY	24	1051	36.90	19	22.91	155	14.49	1.03	42	.11	.3	.3	SEC	F	3.9U	49	2
2007	JUN	1	0348	14.10	19	22.96	155	16.92	2.83	33	.10	.3	.2	SSC		3.2U	47	1
2007	JUN	2	0124	8.76	19	18.55	155	47.62	10.72	49	.12	.4	.3	KON	F	3.2X	87	9
2007	JUN	4	0151	7.06	19	13.20	155	27.69	9.22	50	.17	.5	.6	LSW	F	4.1U	106	5
2007	JUN	14	0439	8.29	19	19.97	155	8.06	9.40	51	.10	.4	.3	SF4	F	3.0X	118	5
2007	JUN	17	0252	45.75	19	21.84	155	12.73	2.63	46	.10	.3	.2	SER		3.0X	58	2
2007	JUN	17	0804	22.53	19	21.99	155	11.92	2.86	42	.12	.3	.4	SER		3.3U	65	2
2007	JUN	17	0854	25.91	19	21.18	155	10.22	0.27	39	.11	.3	.3	SER	L	3.0X	80	3
2007	JUN	17	0855	27.22	19	21.53	155	9.86	2.23	44	.11	.3	.4	SER	L	3.0X	85	2
2007	JUN	17	0903	54.10	19	21.22	155	12.67	0.30	48	.11	.2	.3	SER	L	3.0X	61	3
2007	JUN	17	1000	4.06	19	21.87	155	10.24	2.34	43	.10	.2	.3	SER	L	3.2U	81	2
2007	JUN	17	1815	25.36	19	23.17	155	14.62	1.10	46	.12	.2	.3	SEC	F	4.0U	48	3
2007	JUN	18	0215	58.41	19	22.51	155	14.44	2.21	44	.11	.2	.2	SEC	F	3.2U	52	2
2007	JUL	3	1228	48.16	19	54.88	155	7.42	45.55	53	.12	.9	1.3	KEA	F	3.6X	227	23
2007	JUL	8	2238	37.93	20	13.62	157	31.50	22.01	41	.08	1.9	4.7	DIS		3.1X	331	183
2007	JUL	19	1445	11.22	21	29.02	155	22.67	6.93	48	.12	8.8	10.6	DIS	-	3.8X	331	156
2007	JUL	22	2214	55.36	19	19.05	155	51.91	11.71	49	.12	.6	.3	KON	F	3.8X	157	6
2007	JUL	26	1324	14.60	19	21.10	155	20.89	31.36	48	.09	.5	.7	DEP	F	3.0X	65	5
2007	JUL	26	2206	21.78	19	16.30	155	22.44	35.44	51	.11	.6	.9	DEP	F	3.3X	133	7
2007	AUG	13	1938	6.31	19	20.88	155	4.28	9.74	39	.11	.8	.4	SF5	F	5.4U	173	6
2007	AUG	13	2114	20.40	19	23.11	155	4.24	8.61	50	.10	.5	.3	SF5		3.0X	144	2
2007	AUG	15	0223	10.09	19	19.92	155	12.73	9.73	52	.10	.4	.3	SF2	F	4.4U	75	5
2007	AUG	16	0302	32.43	19	31.44	155	14.84	27.74	48	.10	.4	1.0	DEP	F	3.8U	62	12
2007	SEP	3	1329	6.61	19	35.85	156	24.07	33.28	49	.12	1.2	2.1	DIS	F	3.1X	276	52
2007	SEP	8	2122	17.50	19	16.57	156	17.74	30.07	49	.12	.9	2.2	KON	F	3.2X	273	45

---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
2007	SEP	10	0510	5.62	19	11.83	155	35.33	6.42	45	.14	.4	1.1	LSW	F	3.1X	92	11
2007	SEP	23	1932	18.52	20	14.91	155	43.90	35.71	52	.10	1.0	1.2	KOH	F	3.2X	288	14
2007	OCT	22	1511	57.53	19	20.27	155	17.77	35.09	46	.09	.5	.9	DEP	F	3.2X	72	1
2007	OCT	25	1857	58.72	19	19.36	155	7.28	9.61	50	.11	.5	.3	SF4	F	4.0U	144	4
2007	NOV	4	0201	33.53	19	17.77	155	13.33	10.45	49	.10	.4	.3	SF2	F	3.3X	96	1
2007	NOV	4	0227	3.57	19	17.75	155	13.13	9.80	46	.11	.5	.4	SF2	F	3.2X	111	1
2007	NOV	5	1935	42.83	19	50.95	155	22.24	30.94	51	.12	.6	1.2	KEA	F	3.2X	86	5
2007	NOV	16	1607	36.92	20	7.41	155	33.77	40.25	54	.10	.8	1.2	KEA	F	3.3X	217	23
2007	NOV	16	1754	24.15	19	20.53	155	6.89	8.61	45	.12	.5	.4	SF4		3.1X	139	5
2007	NOV	29	1837	25.34	19	36.27	155	52.13	28.32	53	.10	.6	1.1	KON	F	3.6X	167	14
2007	DEC	10	0631	18.05	20	1.53	156	19.50	27.37	45	.11	1.4	3.0	KOH		3.8X	288	58

Figures 25–100

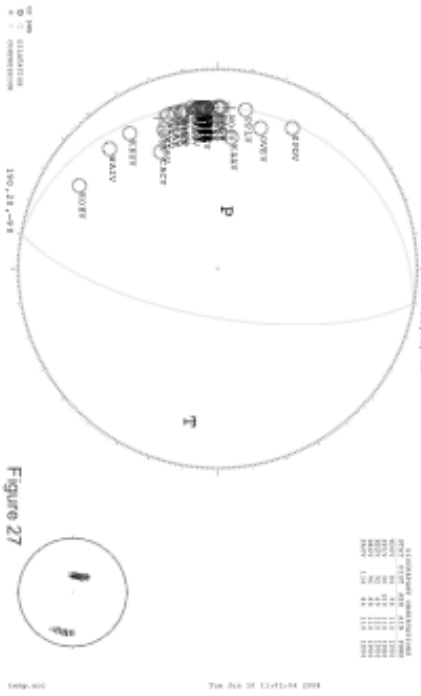


Figure 27

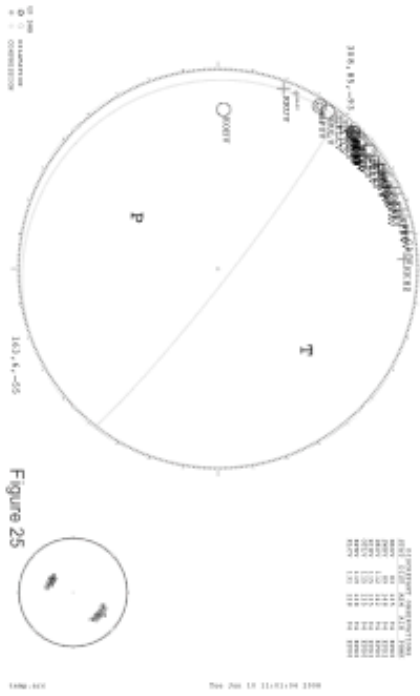


Figure 25

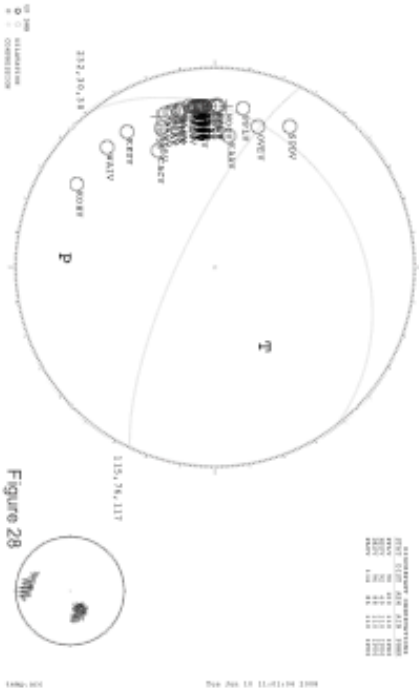


Figure 28

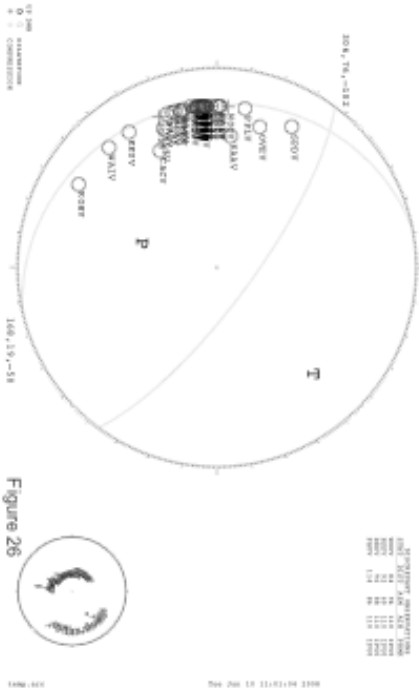


Figure 26

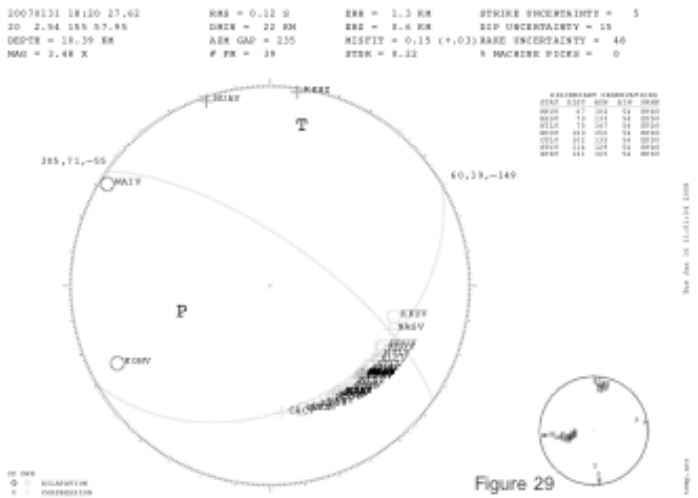


Figure 29

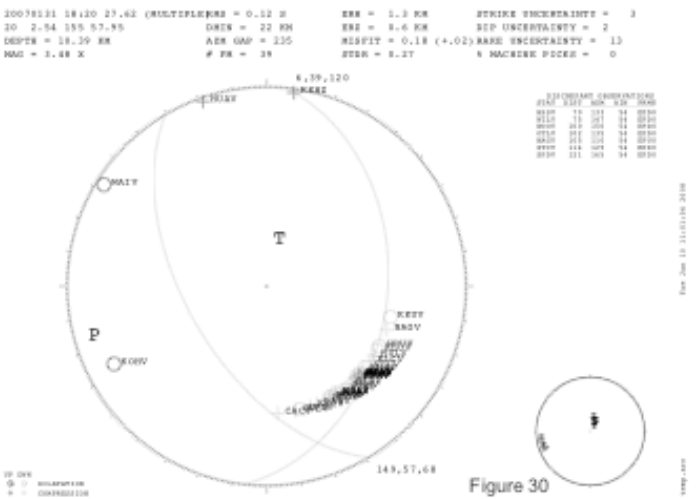


Figure 30

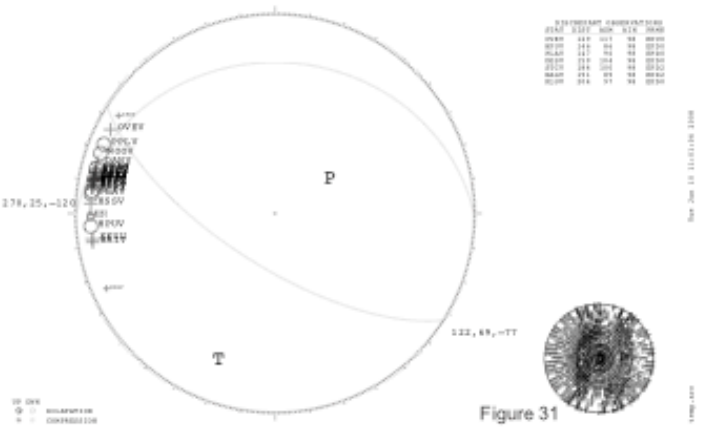


Figure 31

Figure 32

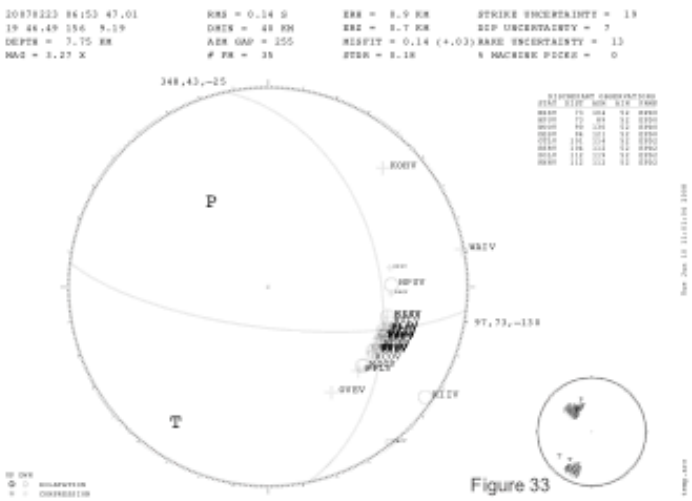


Figure 33

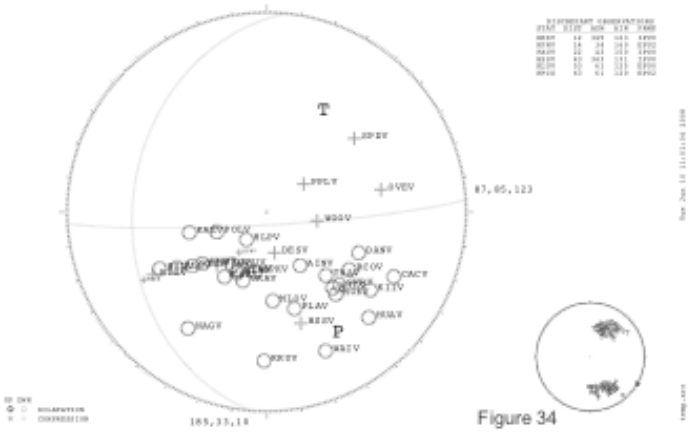


Figure 34

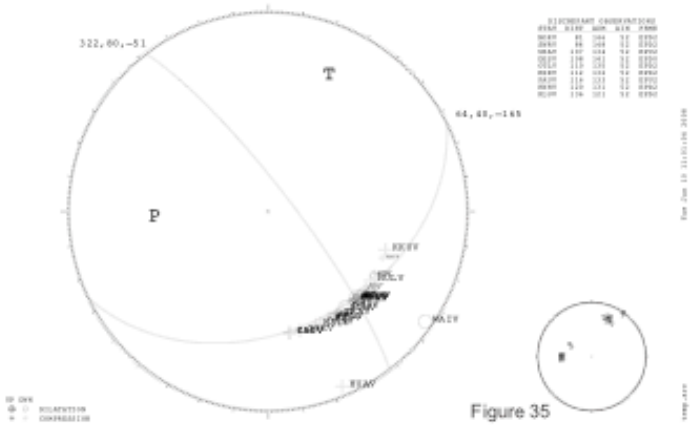


Figure 35

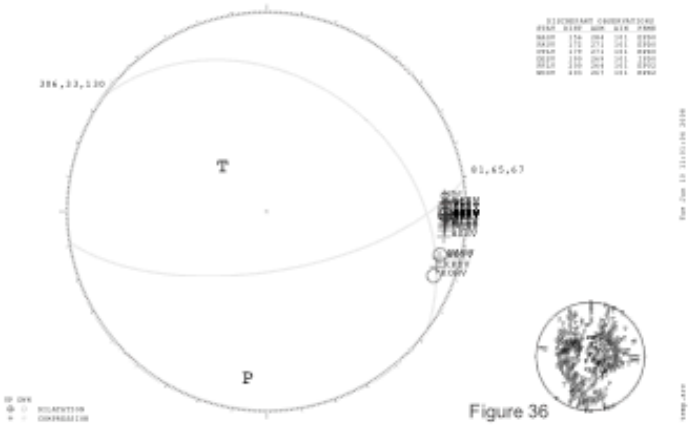


Figure 36

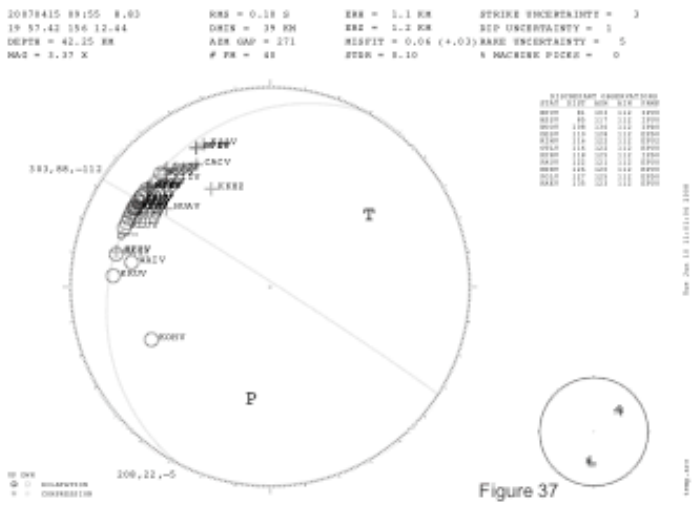


Figure 37

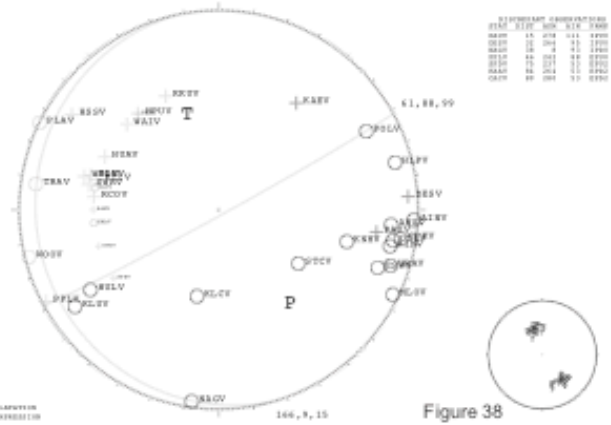
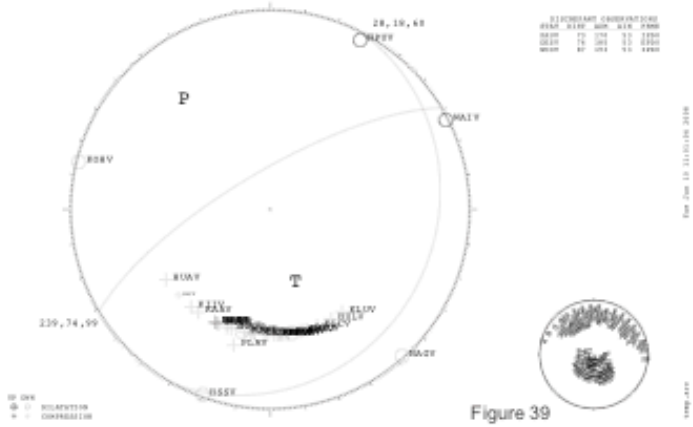


Figure 38



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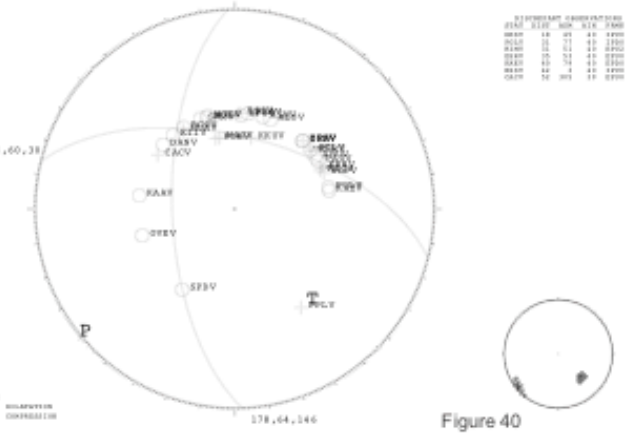

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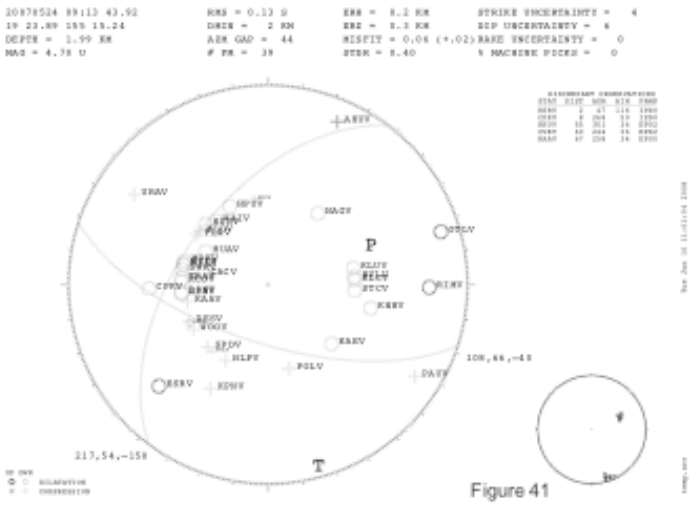


Figure 41

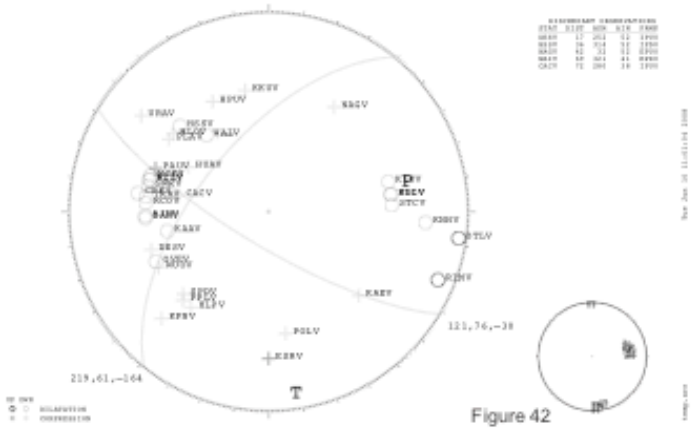


Figure 42

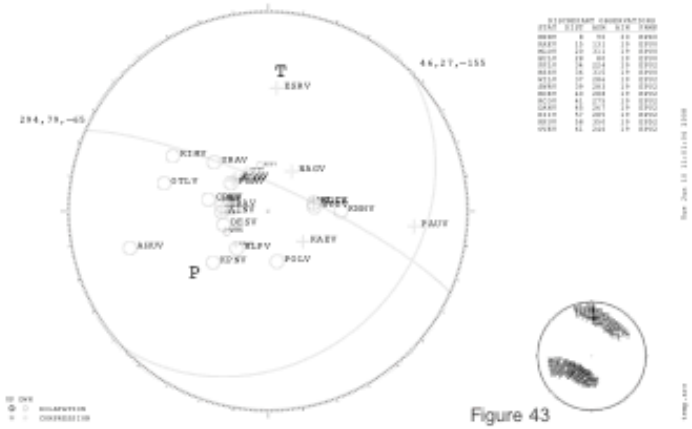


Figure 43

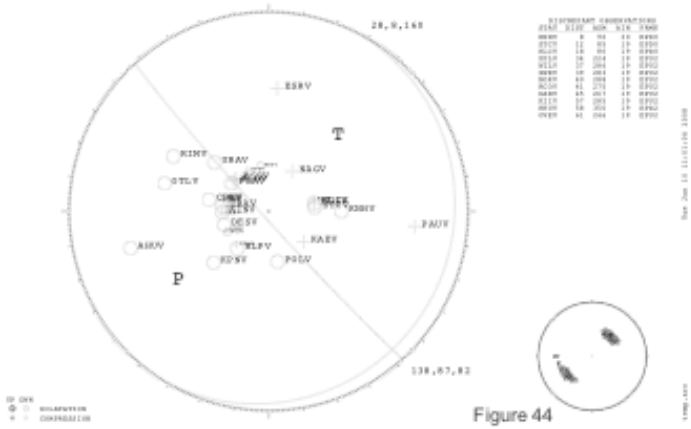


Figure 44

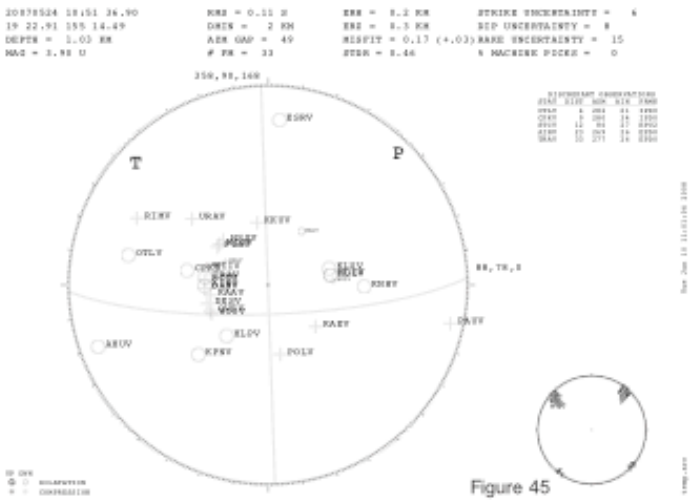


Figure 45

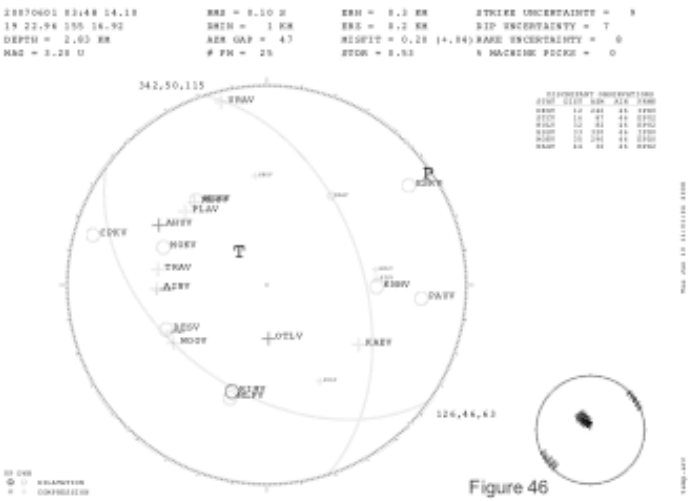


Figure 46

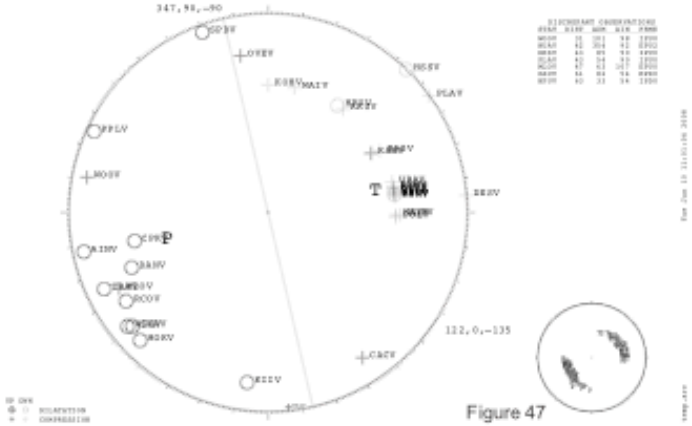


Figure 47

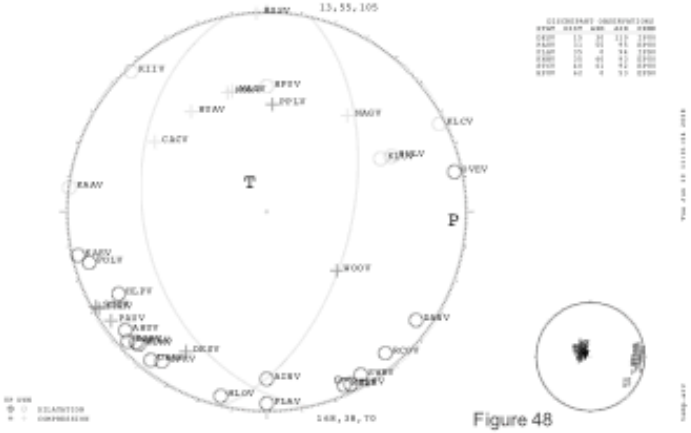


Figure 48

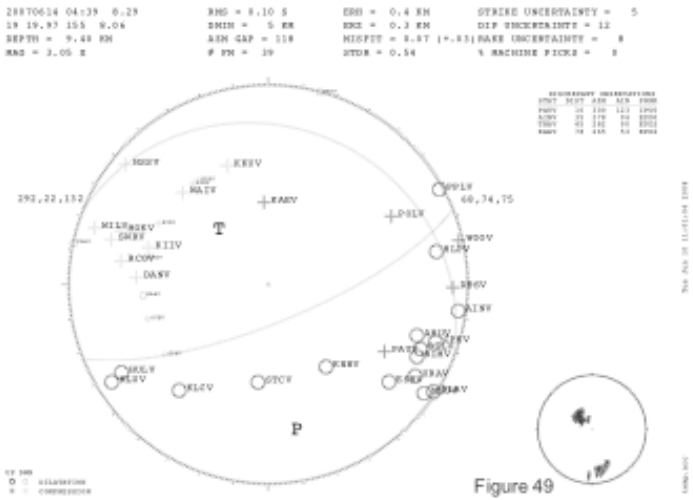


Figure 49

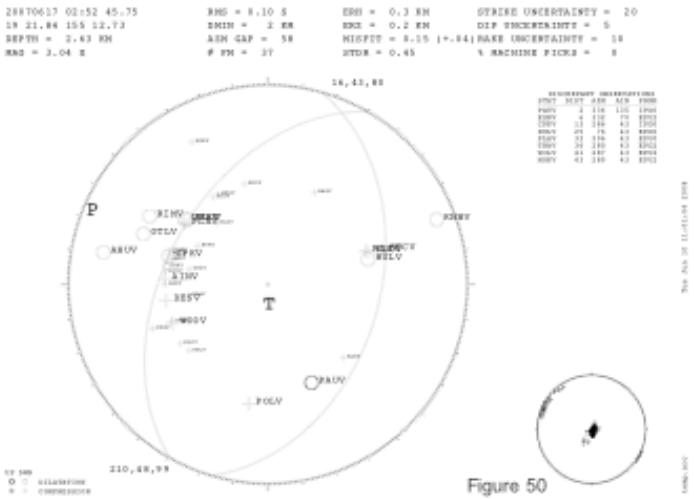


Figure 50

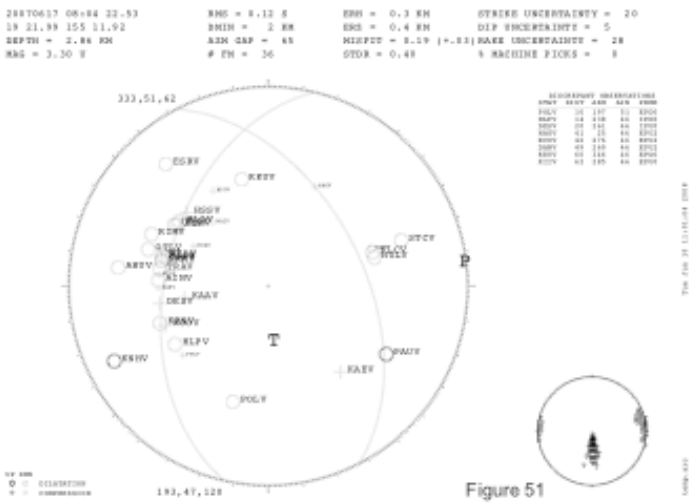


Figure 51

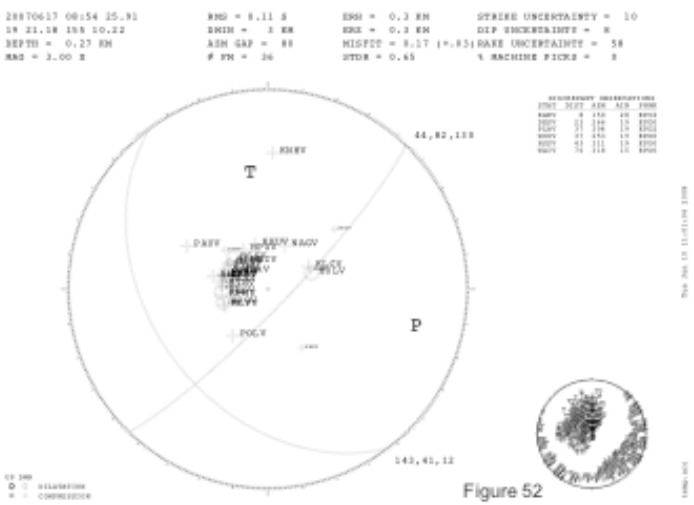


Figure 52

Figure 53

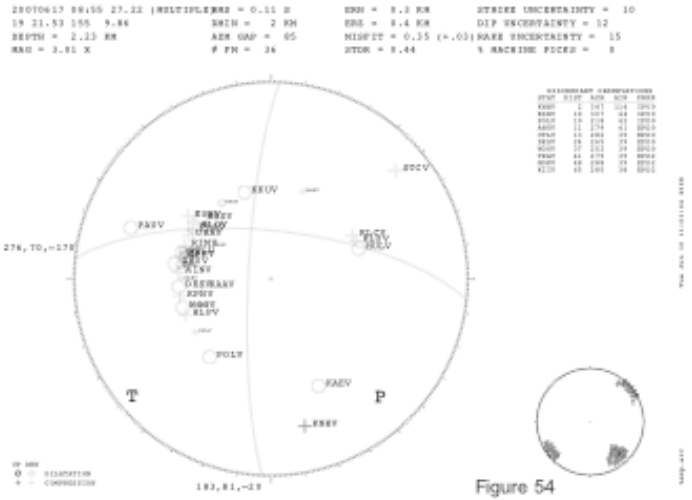


Figure 54

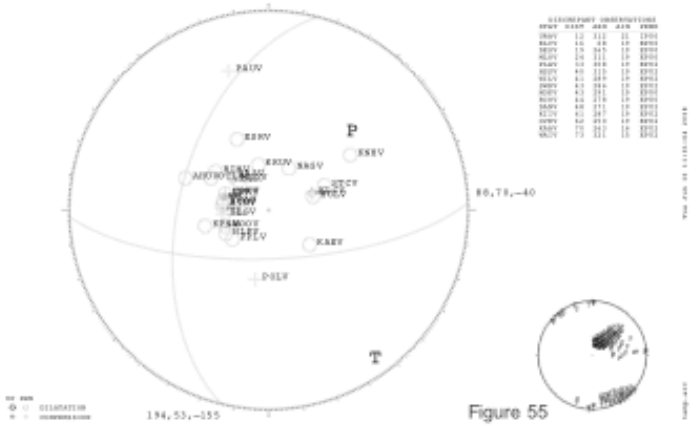


Figure 55

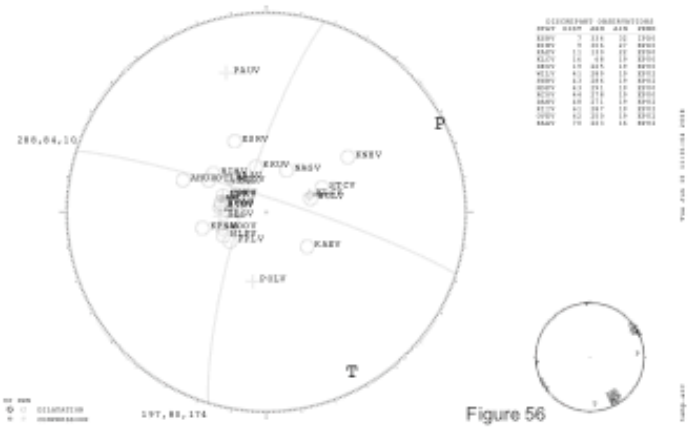
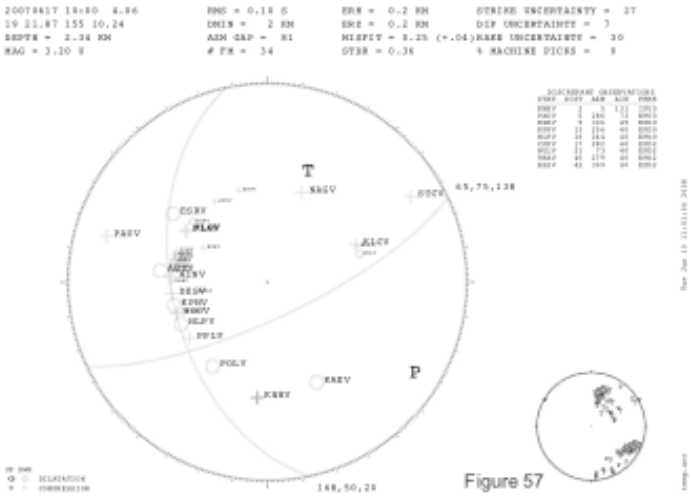


Figure 56



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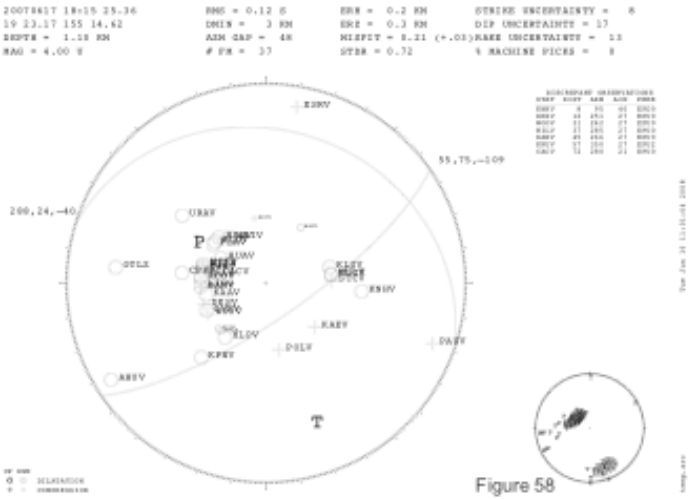

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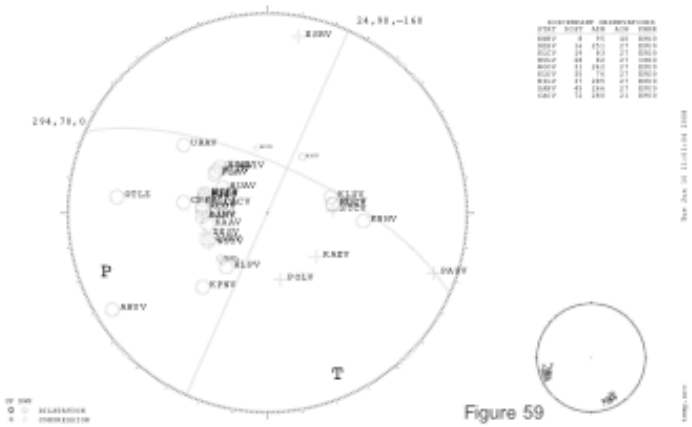

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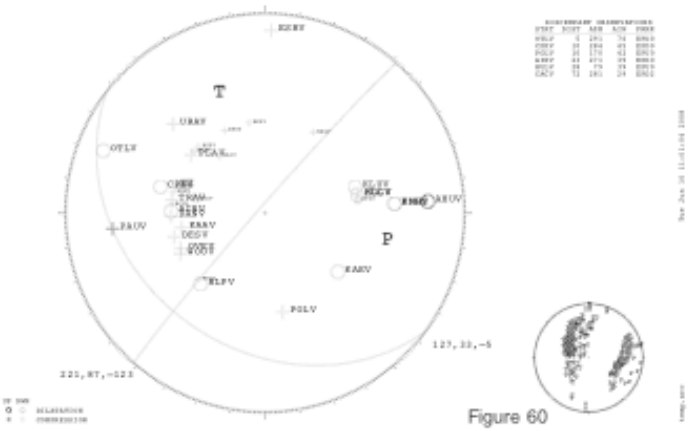


Figure 60

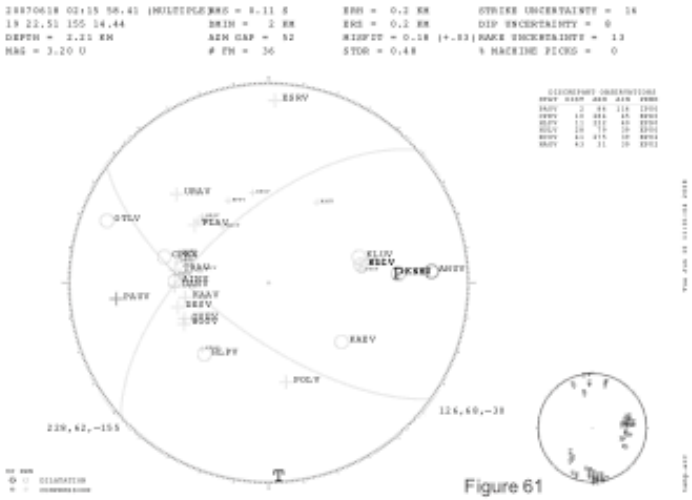


Figure 61

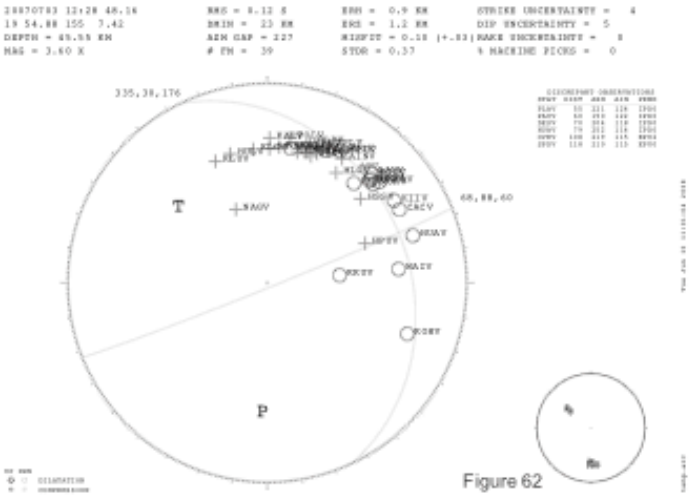


Figure 62

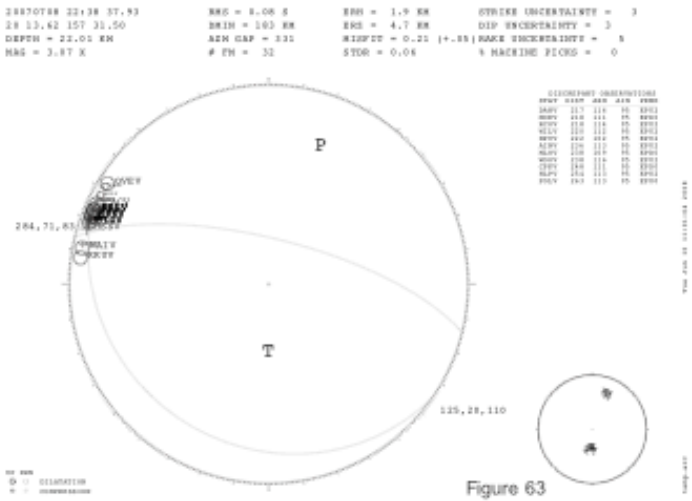


Figure 63

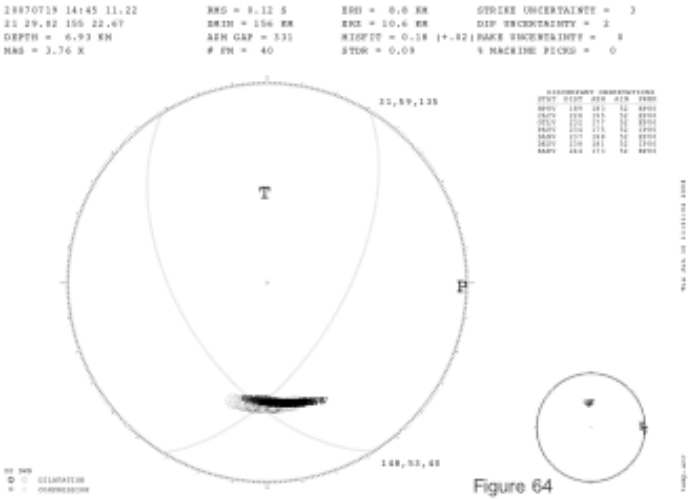


Figure 64

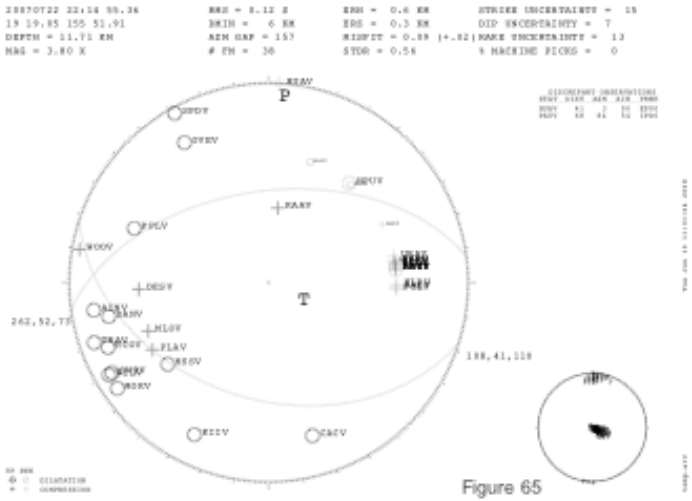


Figure 65

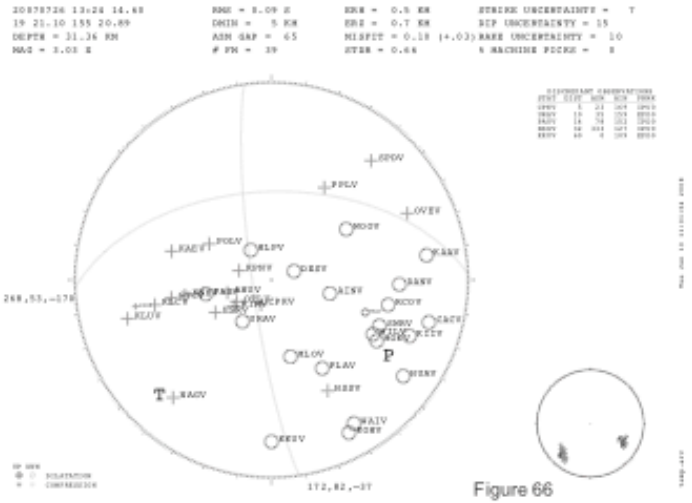
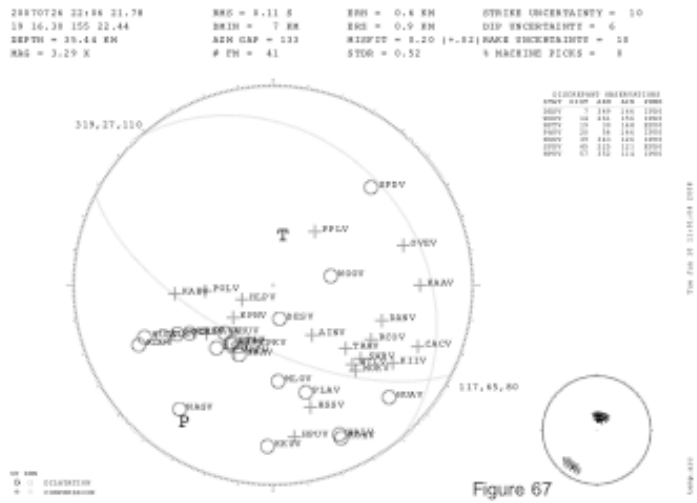


Figure 66



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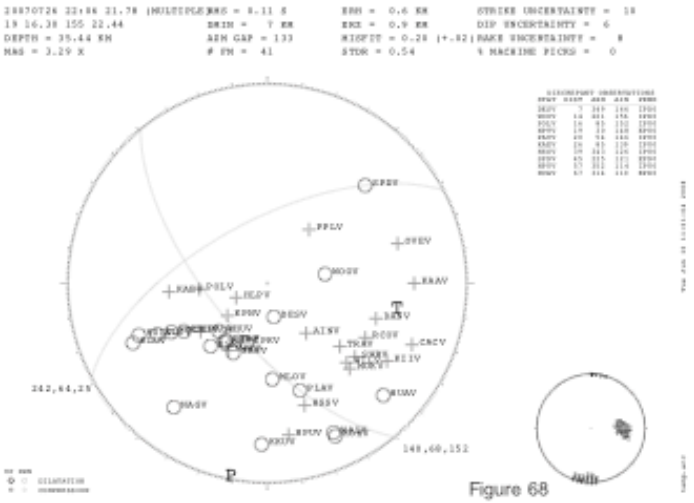

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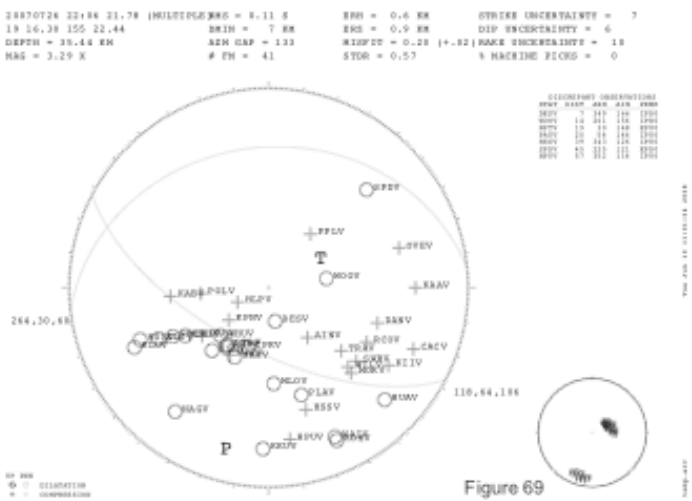


Figure 69

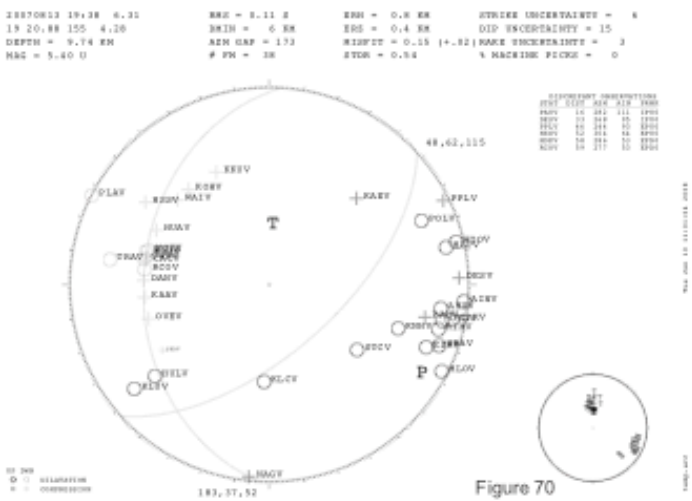
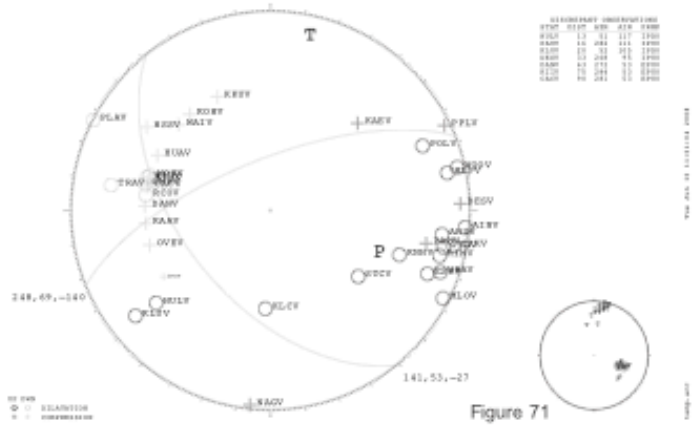


Figure 70



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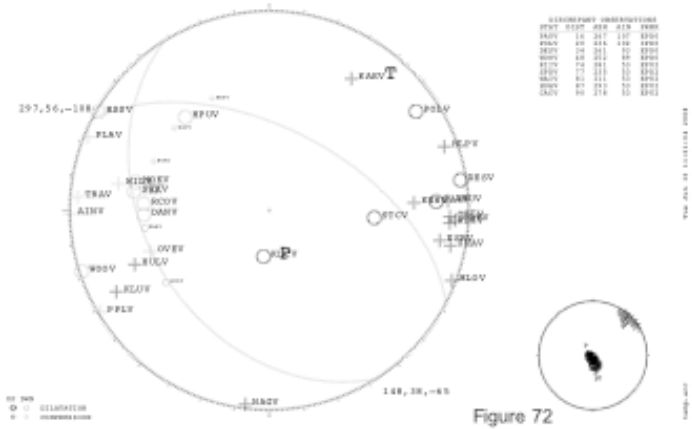

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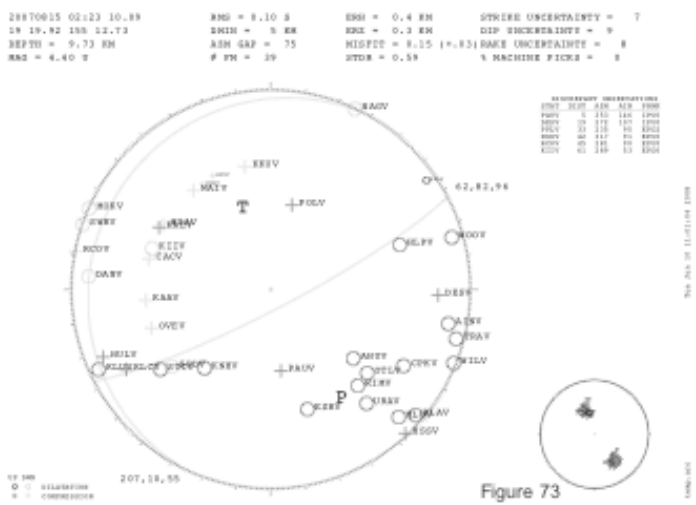

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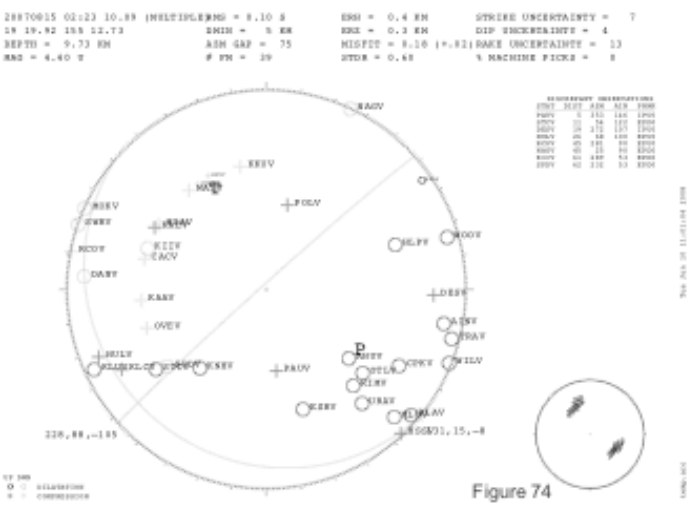

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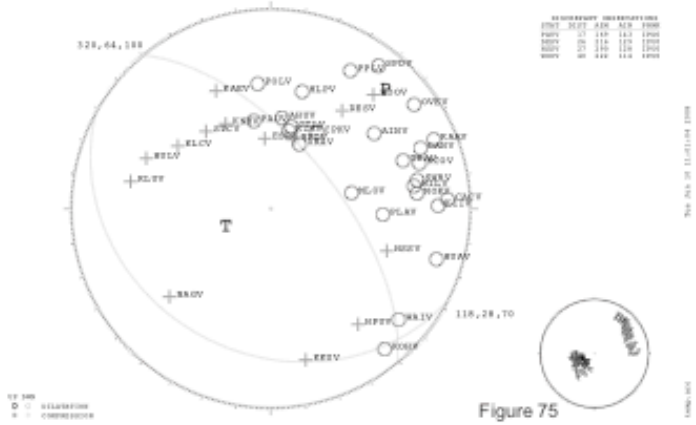

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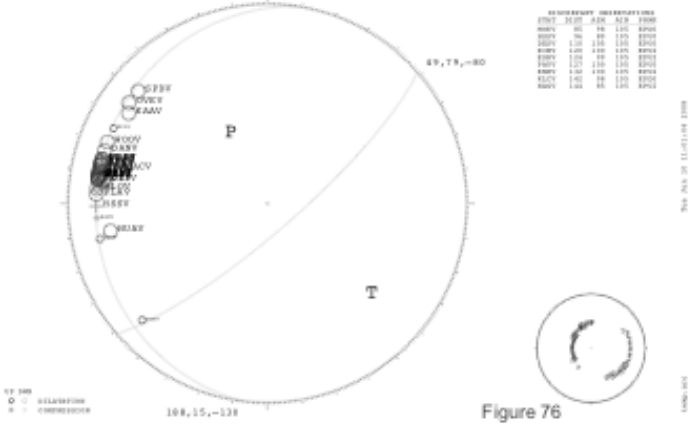

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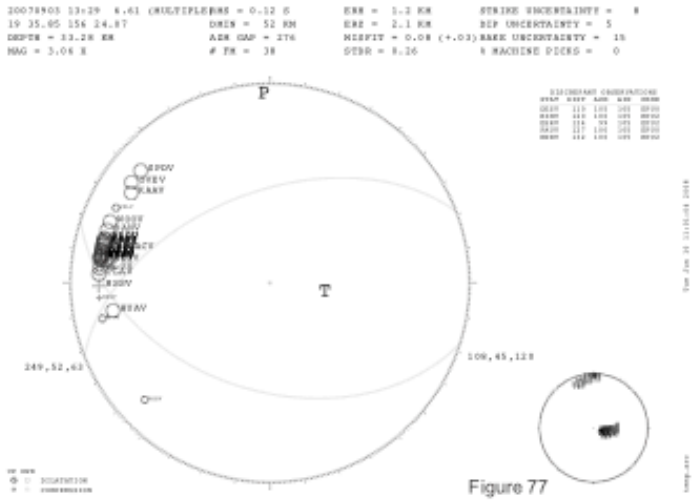

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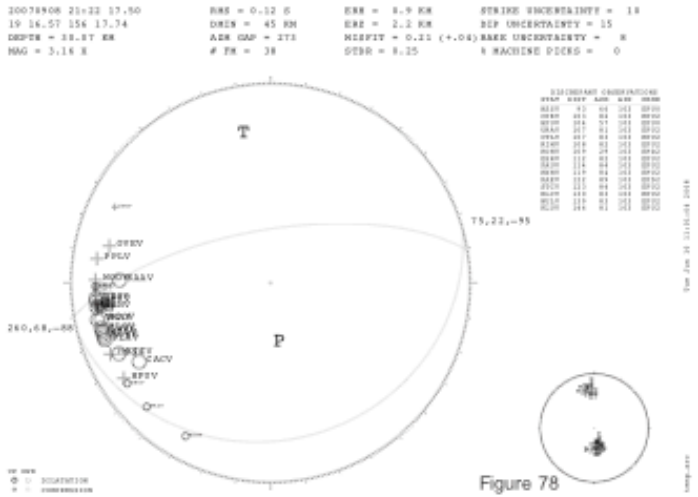
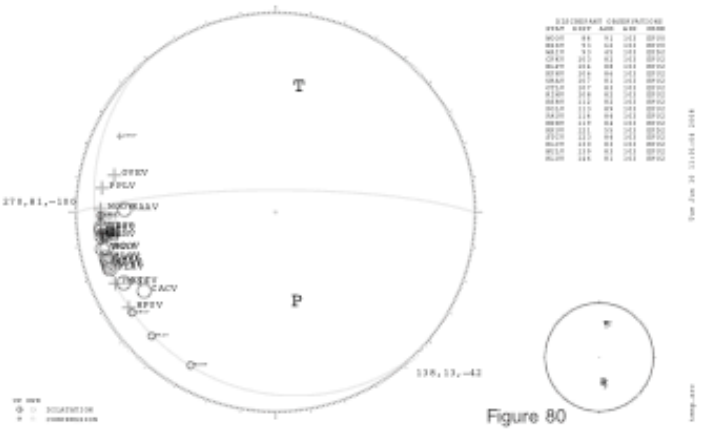


Figure 78

Figure 79



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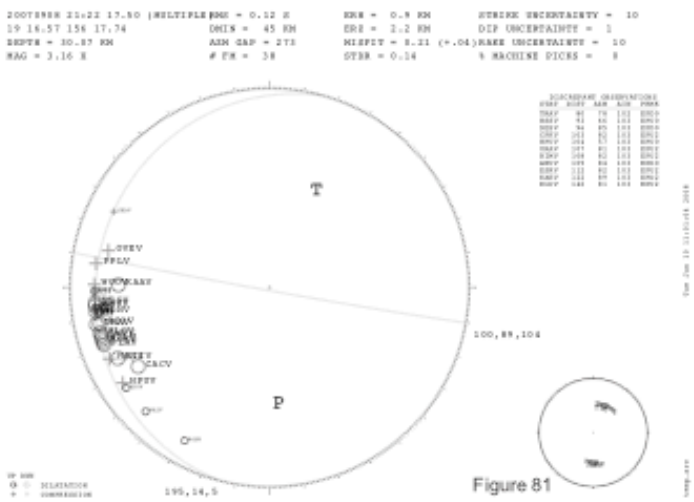

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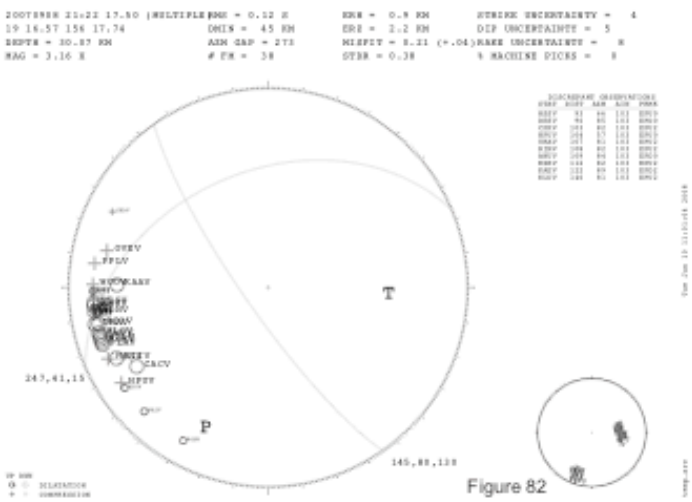

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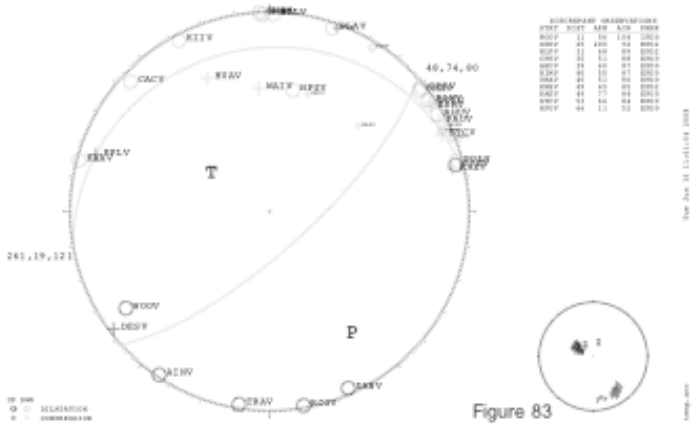

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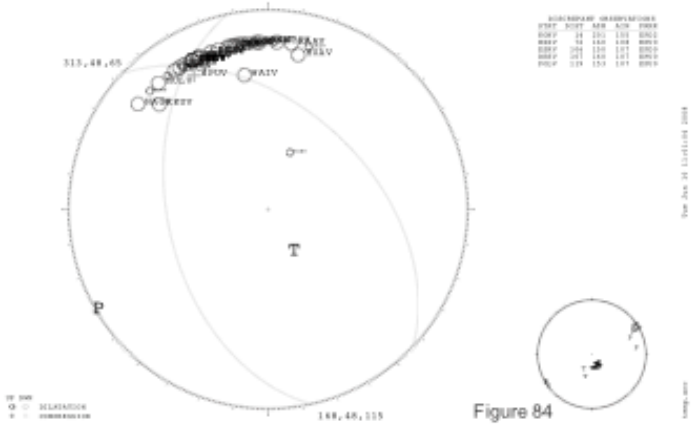

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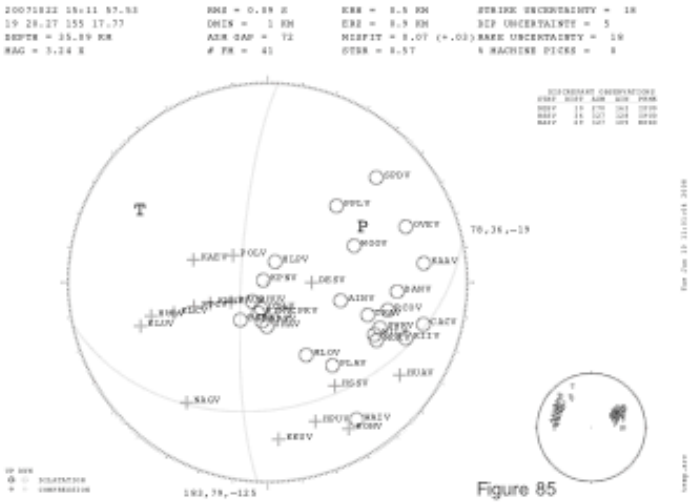

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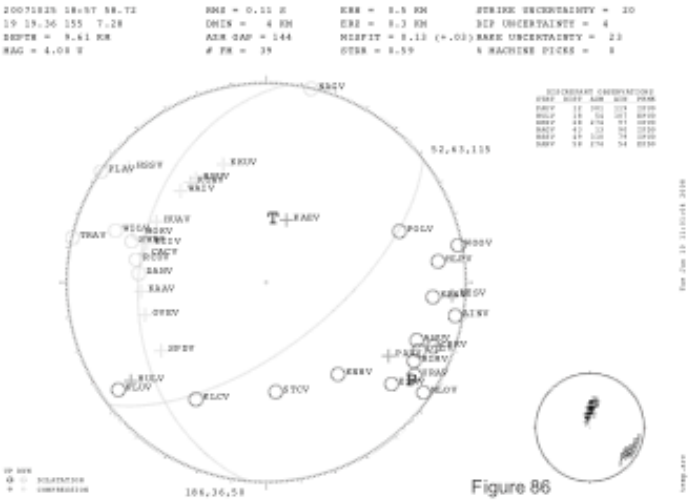

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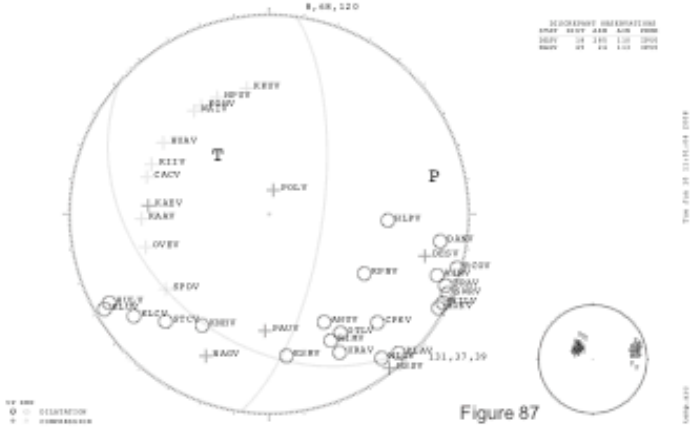

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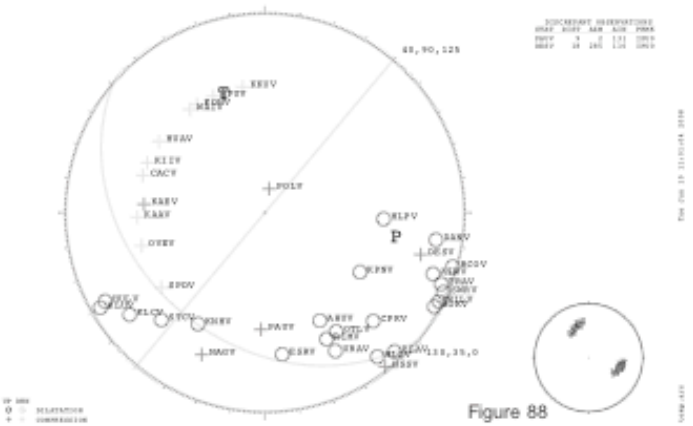

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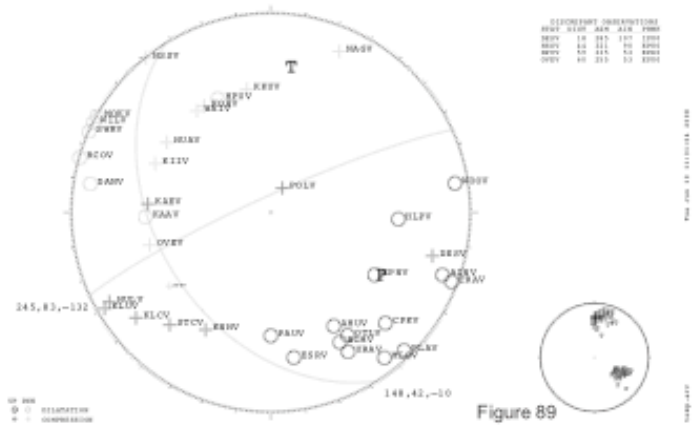

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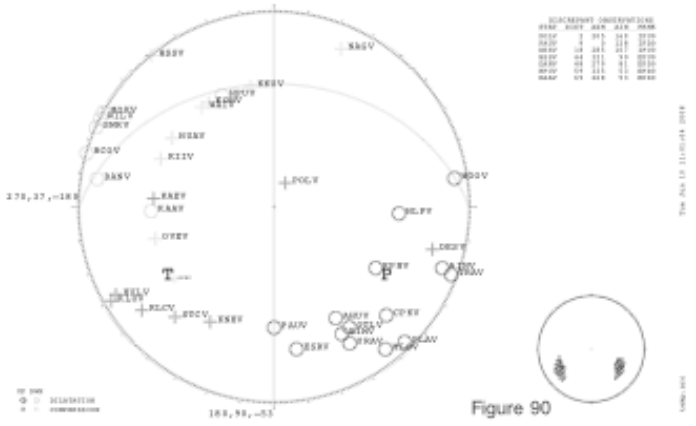

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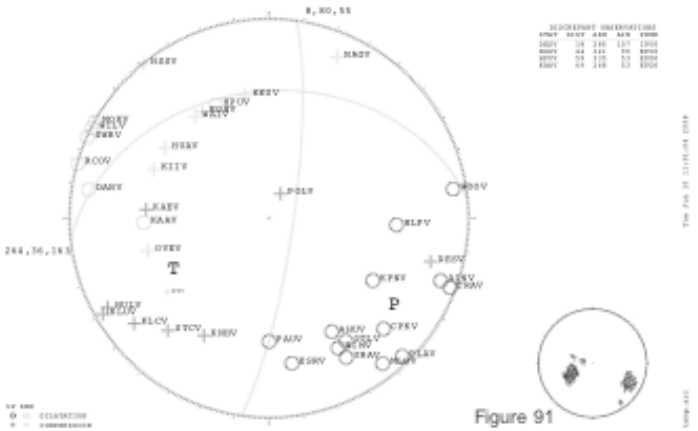

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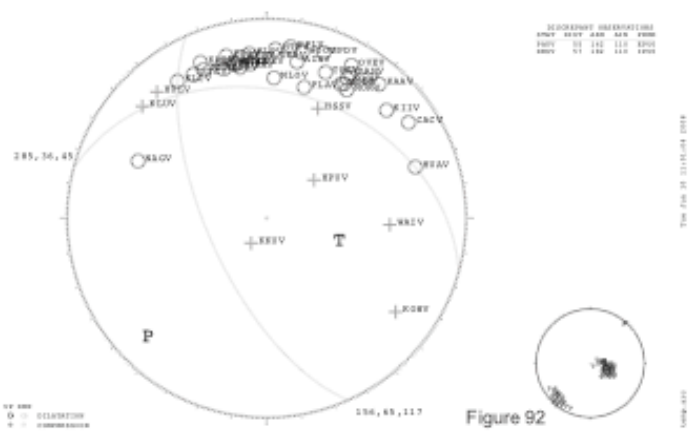

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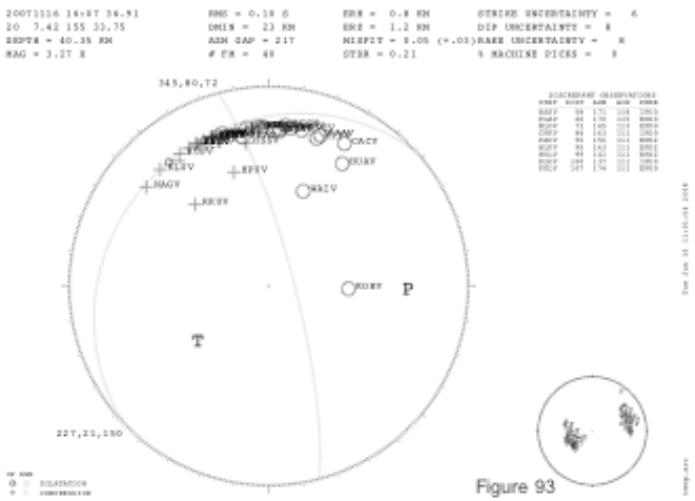

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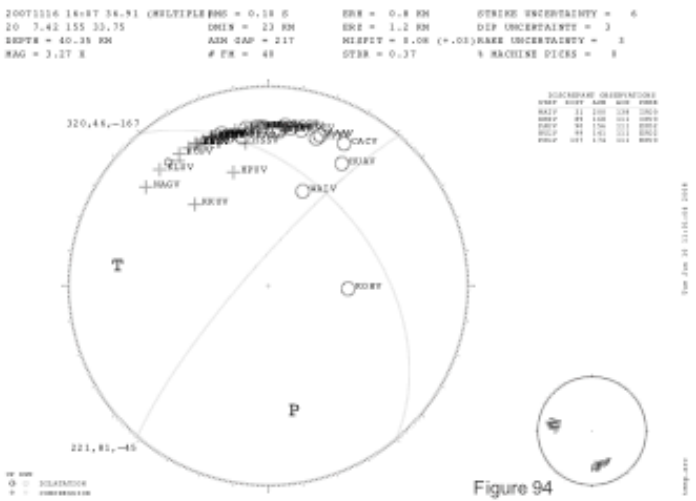

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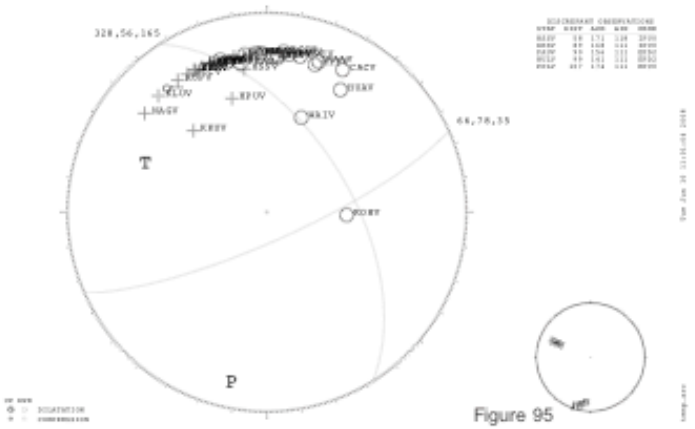

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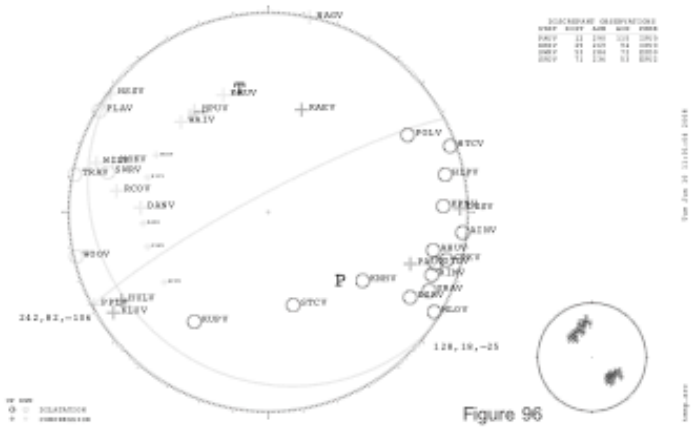

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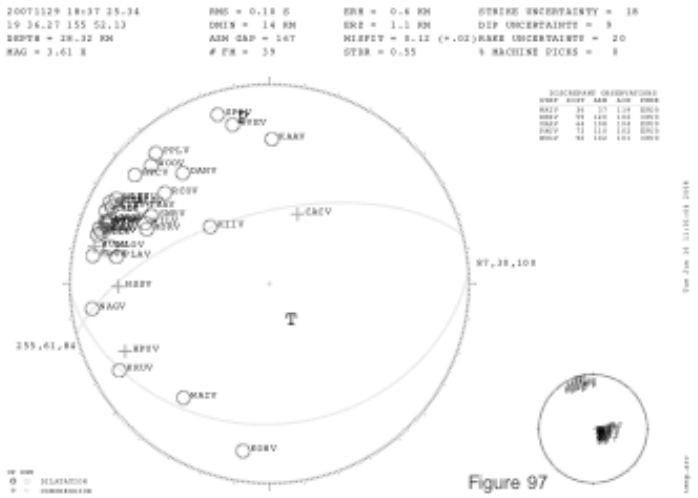

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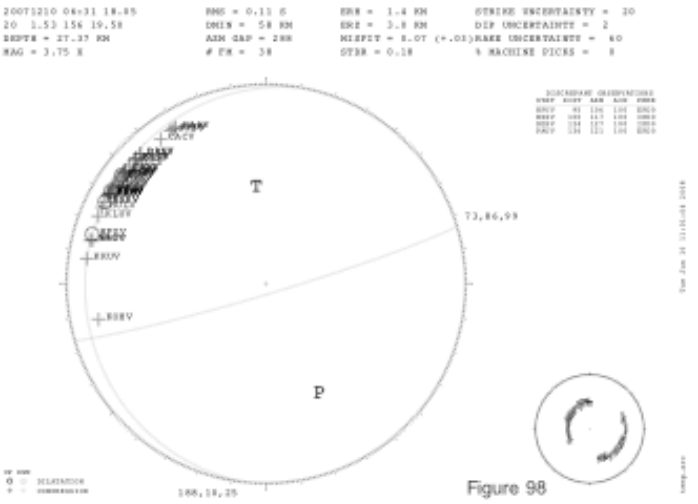

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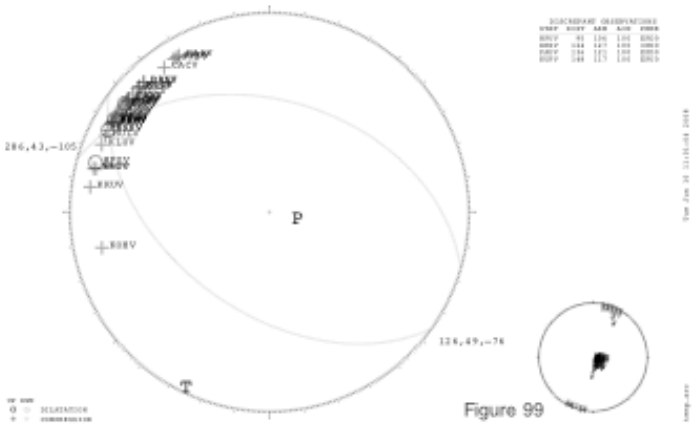

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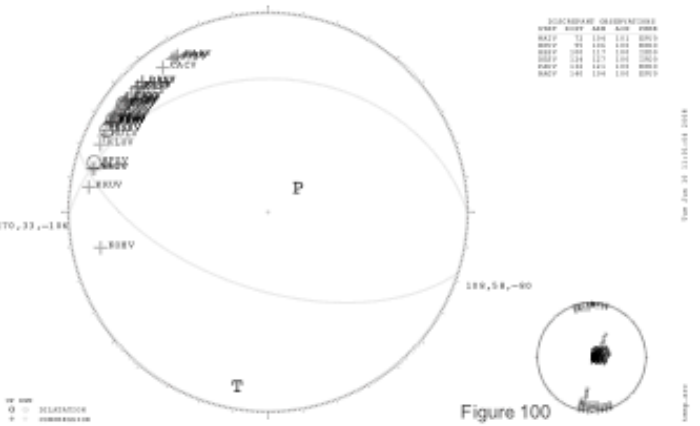

Figure 100