



Hawaiian Volcano Observatory Summary 100; Part I, Seismic Data, January to December 2000

by Jennifer S. Nakata

Chronological Summary
by C. Heliker & D. Sherrod

Open-File Report 01-332

2001

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

**U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY**

Hawaiian Volcano Observatory
Hawai'i Volcanoes National Park, Hawai'i 96718

TABLE OF CONTENTS

	Page
Hawaiian Volcano Observatory Staff	1
Introduction	2
Chronological Summary	3
Table C-1 2000 Eruption statistics	4
Table C-2 Episode 55 pauses, surges and intrusions	5
Figure C-1 Eruption flow map	6
Figure C-2 Map of Pu'u 'O'o features	7
Seismic Instrumentation	8
Figure 1 Map of Hawai'i Island showing geographic and geologic features	9
Figure 2 Seismic stations operated by the USGS and NOAA on Hawai'i Island	10
Figure 3 Seismic network telemetry scheme on Hawai'i Island	11
Figure 4a Seismic network telemetry scheme at Kilauea summit	12
Figure 4b Broad-band telemetry scheme at Kilauea summit	12
Figure 5 Seismic network telemetry scheme on Maui Island	13
Table 1 Seismic stations in Hawai'i operated by the USGS	14
Table 2 Seismic instrument types in use by HVO	16
Figure 6 HVO system response curve of the four basic seismograph types	16
Seismic Data Processing	17
Seismic Catalog	18
Table 3 Coordinates of named regions used for classifying earthquakes	18
Figure 7 Earthquake classification, shallow for Kilauea and Mauna Loa	20
Figure 8 Earthquake classification, intermediate for Kilauea and Mauna Loa	21
Figure 9 Earthquake classification, crustal, for Hawai'i Island	22
Figure 10 Earthquake classification, deep, for Hawai'i Island	23
Figure 11 Earthquake locations, Hawaiian Islands, all depths, $M \geq 3.5$	24
Figure 12 Earthquake locations, Hawai'i Island, all depths, $M \geq 3.0$	25
Figure 13 Earthquake locations, Hawai'i Island, shallow, $M \geq 2.0$	26
Figure 14 Earthquake locations, Hawai'i Island, intermediate, $M \geq 2.0$	27
Figure 15 Earthquake locations, Hawai'i Island, deep, $M \geq 2.0$	28
Figure 16 Earthquake locations, Kilauea summit, shallow, $M \geq 1.0$	29
Figure 17 Earthquake locations, Kilauea summit, intermediate, $M \geq 1.0$	30
Figure 18 Earthquake locations, Kilauea summit, deep, $M \geq 1.0$	31
Figure 19 Earthquake locations, Kilauea south flank, shallow, $M \geq 2.0$	32
Figure 20 Earthquake locations, Kilauea south flank, intermediate, $M \geq 2.0$	33
Figure 21 Earthquake locations, Kilauea south flank, deep, $M \geq 2.0$	34
Figure 22 Earthquake locations, Mauna Loa summit, shallow, $M \geq 2.0$	35
Figure 23 Earthquake locations, Mauna Loa summit, intermediate, $M \geq 2.0$	36
Figure 24 Earthquake locations, Mauna Loa summit, deep, $M \geq 2.0$	37
Table 4 List of all located earthquakes	38
Table 5 List of located earthquakes of magnitude 3.0 or greater	75

2000 HAWAIIAN VOLCANO OBSERVATORY STAFF

DONALD A. SWANSON (SCIENTIST-IN-CHARGE)

ARNOLD T. OKAMURA (DEPUTY SCIENTIST-IN-CHARGE)

GEOLOGY

C. CHRISTINA HELIKER
DAVID SHERROD
FRANK A. TRUSDELL

GEOPHYSICS

JAMES P. KAUAHIKAUA

SEISMOLOGY

STUART K. KOYANAGI
JENNIFER S. NAKATA
PAUL G. OKUBO
ALVIN H. TOMORI

DEFORMATION

MICHAEL LISOWSKI*
ASTA MIKLIUS
MAURICE K. SAKO

GEOCHEMISTRY

TAMAR ELIAS
A. JEFFERSON SUTTON

ELECTRONICS

STEVEN FUKU
BRUCE FURUKAWA
KENNETH T. HONMA

COMPUTER

WILFRED R. TANIGAWA

LIBRARY/PHOTO ARCHIVE

T. JANE TAKAHASHI

ADMINISTRATION

PAULINE N. FUKUNAGA
MARIAN M. KAGIMOTO

PROGRAM OUTREACH COORDINATOR

STEVE BRANTLEY

SCIENTIST EMERITUS

DALLAS B. JACKSON
ROBERT Y. KOYANAGI

CONTRACTS

Seismic Record Changing
L. GLADYS FORBES
ADOLPH R. TEVES

* Left during 2000

INTRODUCTION

The Hawaiian Volcano Observatory (HVO) summary presents seismic data gathered during the year and a chronological narrative describing the volcanic events. The seismic summary is offered without interpretation as a source of preliminary data. It is complete in the sense that all data for events of $M \geq 1.5$ routinely gathered by the Observatory are included. The emphasis in collection of tilt and deformation data has shifted from quarterly measurements at a few water-tube tilt stations ("wet" tilt) to a larger number of continuously recording borehole tiltmeters, repeated measurements at numerous spirit-level tilt stations ("dry" tilt), and surveying of level and trilateration networks. Because of the large quantity of deformation data now gathered and differing schedules of data reduction, the seismic and deformation summaries are published separately.

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

A report tabulating instrumentation, calibration, and recording history of each seismic station in the network by Klein and Koyanagi is available as a USGS Open-File Report ¹. 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.

CHRONOLOGICAL SUMMARY 2000

by

C. Heliker and D. Sherrod

Until last spring, no houses had been overrun since late 1991. But in the last nine months, three long-abandoned structures in lower Royal Gardens were destroyed by the rising tide of pahoehoe on the coastal plain. Flows covered 6 km² in 2000 (fig. C-1), but only 2 km² of that was virgin, vegetated land, the rest being previously covered by lava during this eruption. The total area covered by lava since 1983 is 104 km² (40 mi²), and the volume of lava has topped 2 km³ (0.5 mi³). For the latest statistics, refer to table C-1.

The magma supply to the Pu'u 'O'o flank vent(s) that feed the tube system paused briefly twice in 2000 (table C-2). The frequency of pauses has dropped considerably since the beginning of episode 55, but their complexity has increased. In part, this is due to a surge in the amount of data each pause generates, now that borehole tiltmeters have been installed from the summit down the east rift zone to Pu'u 'O'o cone. But even without considering the new tilt data, it is obvious that the role of the summit in the pauses has become much more variable, both in terms of tilt and seismicity. As episode 55 progresses, it is increasingly difficult to characterize a "typical" pause.

In addition to two pauses, 2000 brought one upper east rift zone intrusion (February 23) and one magmatic surge from the summit to Pu'u 'O'o (September 24). Neither of these events was followed by a bona fide pause, unlike the previous intrusion and surge in episode 55 (September 1999 and January 1998, respectively). There is some evidence that the February 2000 intrusion caused the eruption to pause or slow down for less than 4 hrs, but it is impossible to know for sure since the event was so brief. In contrast, the intrusion of September 1999 depressurized the dike feeding the eruption, causing part of the Pu'u 'O'o crater floor to collapse and the eruption to pause.

The Dog Day surge in September was the first such event of this magnitude since the January 14 surge in 1998. Unlike the earlier event, however, the Dog Day surge was not followed by a pause.

The ocean entries spanned more of the coastline in 2000 than in many years past, extending 5 km from Lae'apuki to the east edge of the episode 55 flow field. At the beginning of the year, the only ocean entry was at Lae'apuki, but in February the broad front of the "Smoke" flow reached the coast and, over the next five months, coated the entire sea cliff from Kamokuna to the east edge of the flow field—bad news if you were a seabird (and there were many) nesting along that particular stretch of coastline.

The main ocean entry was at Waha'ula beginning in April, but smaller entries persisted to the east. When lava reached the ocean again, following pause 30 in late August, Kamokuna became the sole entry. About 7.5 hectares (18.5 acres) of new land were added to the island in 2000. The largest bench collapse of the year, on November 16, was witnessed by a pilot who saw ~1 ha of bench slide into the sea within a few seconds.

The crater of Pu'u 'O'o changed very little this year (fig. C-2). Since the brief period of lava pond activity in September-October 1999, only a few small pads of pahoehoe have extruded on the crater floor. There was some subsidence of the drained pond bed or "trough" near vents, and the "July pit," which formed in late July, has since formed a spatter cone. At the end of the year, the crater floor inside the "trough" (the empty pond left over from late 1999) near the July pit was about 67 m below our camera site on the north rim (or ~51 m below the low point on the east rim, which is our traditional datum for crater depths). The terrace that encircles the trough was about 50 m (34 m) below the camera site, as compared with about 55 m (39 m) at the end of last year. These measurements were made by a reflectorless laser range-finder.

Outside the crater, the west gap pit wins the "most changed" prize for 2000. The spatter cone on the southwest side of the cone collapsed in July, leaving an inner crater about 20 m deep that emitted sloshing sounds when first formed. This collapse pit, which was soon quiet and floored with talus, continued to expand for the next few weeks, slightly enlarging the main pit. During the Dog Day surge, active lava covered the bottom of the west gap pit for 8 hrs before it drained, leaving the pit 35-40 m deep.

Puka Nui, the very large collapse pit on the southwest flank of Pu'u 'O'o, showed little change in size this year. A small inner collapse pit, first observed in July, claimed one of the spatter cones that formed inside Puka Nui during 1999. Mass wasting continued to eat away at ridge separating Puka Nui from the crater.

Lua Hou, a small pit on the shield just south of Puka Nui, was first observed in February. Flowing lava was observed at the bottom of it following the February intrusion. The pit was floored by ponded lava, or at least was very close to active, through September. The next time it was observed from the air, in January 2001, it was dark.

Table C-1. Eruption Statistics

Areas

Total area covered by lava, 3/83 - 12/31/00: **103.7 km²** (40 mi²)

Episode	Area originally covered	Area exposed, 12/31/00
1-47 and 48A (mostly Pu'u 'O'o)	42.0 km ²	18.5 km ²
48 (Kupaianaha)	41.0	36.7
49 (between Pu'u 'O'o and Kupaianaha)	3.9	3.9
50-53 (Pu'u 'O'o flank vents)	26.4	12.1
54 (in and NE of Napau Crater)	0.24	0.24
55 (Pu'u 'O'o flank vents)	32.3	32.3
New (vegetated) territory covered in 2000:	2.2 km ²	

Net total of new land created, Nov 86 - Dec 2000: 207 hectares (510 acres)#

Net new land created during 2000: ~7.5 hectares (18.5 acres)

#These figures do not include new land that was claimed by wave erosion or collapse of the active lava bench. Due to these processes, mapping in 1998 and 1999 revealed a decrease in total acreage.

Volumes

Total, 1/83 through 12/00: Approximately **2.018 km³** (dense rock equivalent)

Episodes 1-47 (1/83 - 6/86)	385 x 10⁶ m³
Episode 48 (7/86 - 2/92)	500 x 10⁶ m³
Episode 49 (11/91)	11 x 10⁶ m³
Episode 50 (2/92 - 3/92)	4.5 x 10⁶ m³
Episode 51 (3/92 - 2/93)	32 x 10⁶ m³
Episode 52 (10/92)	2 x 10⁶ m³
Episode 53 (2/93 - 1/97)	535 x 10⁶ m³
Episode 54 (1/97)	0.3 x 10⁶ m³
Episode 55 (2/97 - ongoing)	548 x 10⁶ m³

Other fascinating facts

Height of Pu'u 'O'o cone: **~187 m** (613 ft). Cone has lost **68 m** due to collapse since 1986

Dimensions of Pu'u 'O'o crater: **~250 m x 400 m**

Depth of Pu'u 'O'o crater floor, Dec 2000: **~51 m** below the low point on east rim

Dimensions of Episode 50-55 lava shield: **1.8 x 0.8 km**

Height of Episode 50-55 lava shield: **~80 m**

Height of Kupaianaha lava shield: **56 m**

Kupaianaha vent inactive since Feb 1992

Thickness of lava at the coast:

~15-25 m (50-80 ft) over Kalapana Gardens

~25 m (80 ft) over Chain of Craters Rd at Kamoamo

Highway covered by lava flows from this eruption: **13 km** (8 mi)

Structures destroyed

Structures destroyed in 2000: **3** (Royal Gardens) These are the first buildings overrun since October 1991.

Total structures destroyed since 1983: **187**

Table C-2. Episode 55 pauses, surges, and intrusions

<u>Ep 55 pause#</u>	<u>Start date & time</u>	<u>End date & time</u>	<u>Length, hrs</u>	<u>Comments</u>
1	5/03/97 0000 hrs	5/03/97 0530 hrs	5.5	
2	5/10/97 0700	5/10/97 1230	5.5	
3	5/11/97 2000	5/12/97 0600	10.0	
4	5/12/97 2139	5/13/98 0030	3.0	
5	5/14/97 0200	5/14/97 0700	5.0	
6	5/23/97 0630	5/23/97 2134	15.0	
7	5/27/97 0430	5/27/97 0654	2.5	
8	6/06/97 2330	6/07/97 1005	10.5	
9	6/16/97 1600	6/16/97 2027	4.5	
10	6/17/97 1010	6/18/97 ~0530	19.5	
Jan 14 SURGE				
11	1/14/98 1030	1/16/98 1100	24.5	Followed surge
12	1/15/98 1130	1/27/98 0600	18.5	
13	1/26/98 0000	2/21/98 2400	24.0	
14	2/21/98 0400	3/02/98 1600	12.0	
15	3/02/98 1400	3/10/98 0800	18.0	
16	3/09/98 0400	4/05/98 0041	20.5	
17	4/04/98 0350	5/20/98 2230	42.5	
18	5/19/98 ~1400	6/20/98 ~0100	11.0	
19	6/19/98 2100	7/19/98 0200	53.0	
20	8/12/98 ~1500	8/14/98 ~0930	42.0	
21	1/07/98 ~0600	1/08/98 ~1000	28.0	
22	2/06/99 0400-0800	2/07/99 ~0300	19.0-23.0	
23	5/04/99 ~1300	5/05/99 ~2200	33.0	
24	6/14/99 0010	6/17/99 2300	95.0	
25	8/21/99 ~2000	8/22/99 ~2000	24.0	
26	INTRUSION 9/12/99 0131	9/23/99 1100	273.5	Pause followed intrusion
27	10/03/99 ~2200	10/05/99 0900	35.0	
28	11/07/99 1400	11/08/99 1015	20.25	
29	11/11/99 ~1530	11/14/99 1030	67.0	
INTRUSION				
30	2/23/00 1342	8/26/00 ~1900	68.0	Possible very brief pause or slow-down
31	8/23/00 ~2300	9/25/00		Brief (~8 hr) surge in eruption
Dog Day SURGE				Accompanied by NPT tremor
9/24/00				
12/15/00 1715		12/17/00 ~0200	~33.0	

Annual totals:

1997	10 pauses
1998	11
1999	8
2000	2

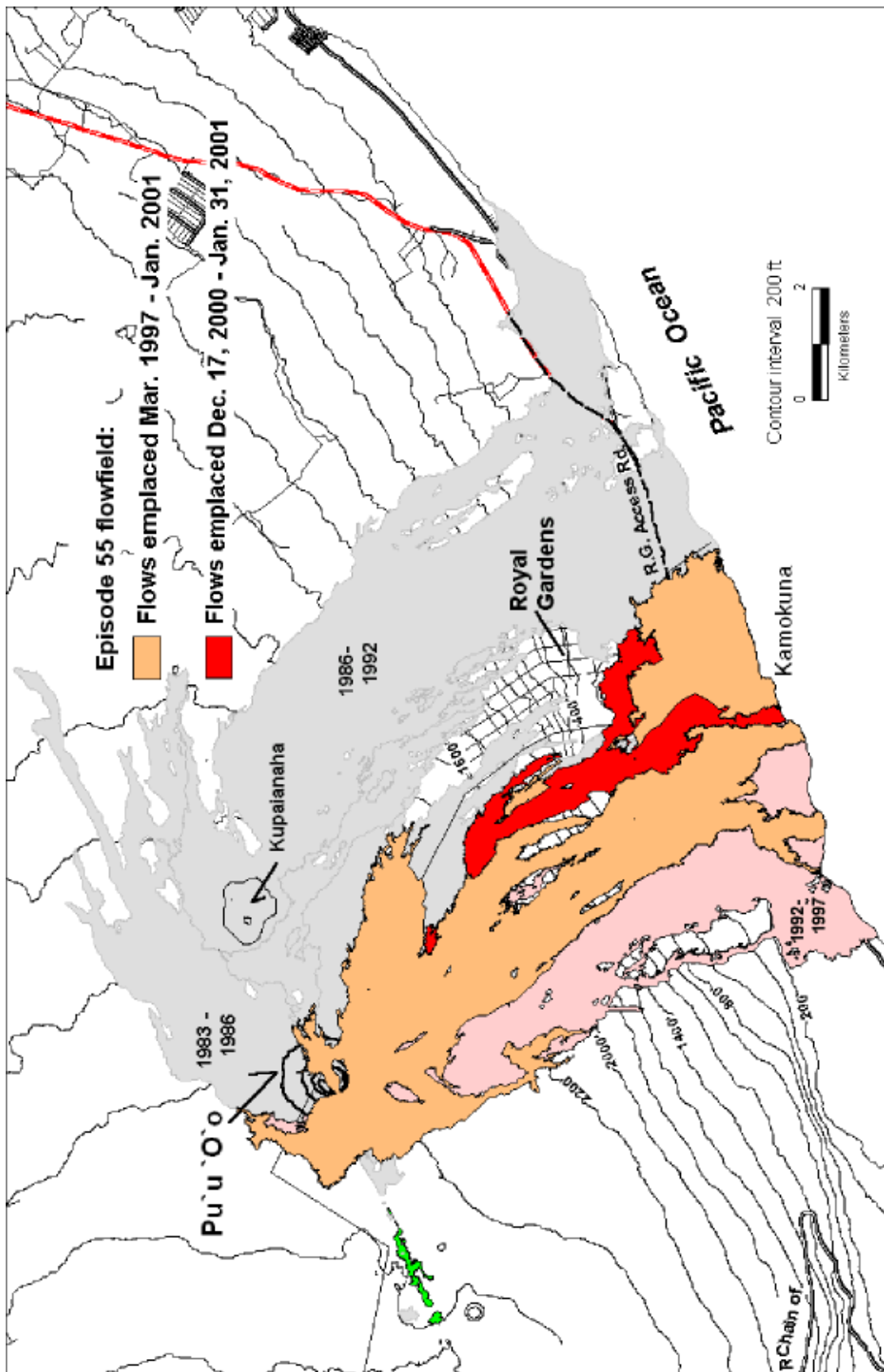


Figure C-1. The eruption site, showing flows emplaced from October 6, 1999 (end of pause 27) through 2000.

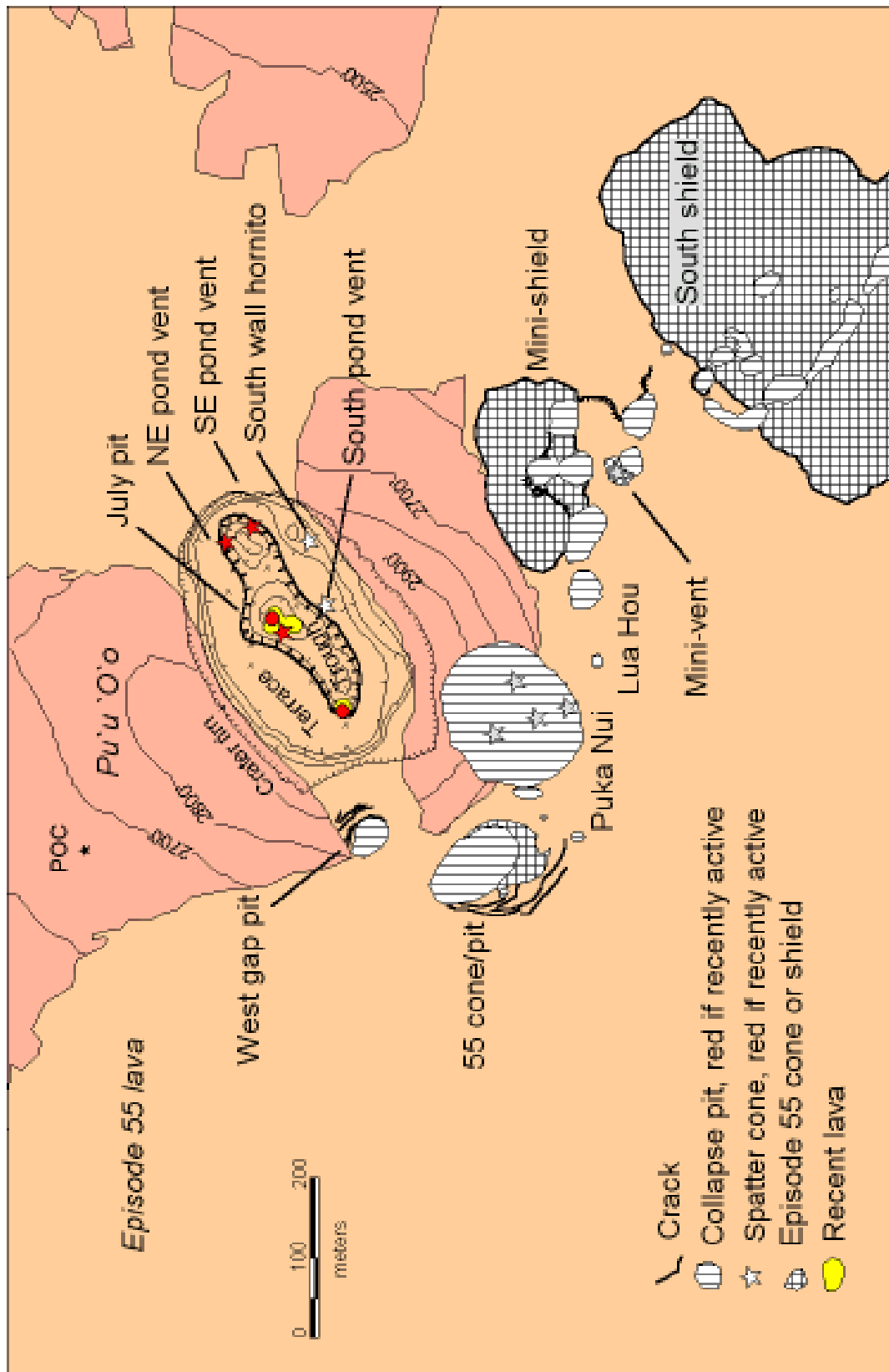


Figure C-2. Map of Pu'u 'O'o showing various features inside the crater and on the flanks of the cone as of early January 2001.

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 2000 network consisted of 50 station sites: 10 three-component, 2 six-component (which included a three-component Kinematic Force-Balance accelerometer), one four-component (which included a low-gain vertical with a unity gain setting), one four-component and two two-component (each site included a moderate-gain vertical with a 48db setting), and 34 vertical-component-only sites. The coverage is most dense on and around Kilauea Volcano. During 1999 HVO added to the network three vertical-component-only sites on the Island of Maui. All seismic signals from the network are telemetered in real time to the Observatory for recording.

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

Figure 1 is a map of selected geographic and geologic features. Figure 2 shows the seismic stations sites operated by HVO and PTWC on the Island of Hawai'i during 2000. Figure 3 indicates the telemetry scheme for the seismic stations on Hawai'i Island, and figures 4a and 4b are expanded views of the telemetry schemes at Kilauea summit: 4a, HVO seismic stations and 4b, broadband network installed by Menlo Park and maintained by HVO. Figure 5 indicates the telemetry scheme for the seismic stations on Maui Island.

Table 1 lists seismic stations by names, four-letter station codes, coordinates in degrees and minutes, elevation in meters, and other data, as described below, pertaining to each station. The list includes all the stations operated by HVO during 2000. Seismic stations operated by PTWC on the Islands of Hawai'i, O'ahu and Maui are also listed. Phase times from PTWC stations, not telemetered to HVO, are used to supplement local earthquakes and earthquakes that occur within the Hawaiian Archipelago but distant from the Hawai'i Island network.

Instrumentation and recording. Each telemetered station's data channel has a voltage-controlled oscillator (VCO) for FM multiplex transmission to HVO via radio. These telemetering stations are all of Type 1, Earthquake Hazards Team (EHT) standard system used in USGS seismic networks (see table 2 for details). After discrimination at the receiver, the analog signals are converted to digital form as part of the routine computer location processing and archiving. Continuous signals from the telemetered network are saved on 4-mm digital-audio tape (DAT) recording units. Three DAT recorders run in automatic rotation, as each ~20-hr tape is 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. Displacement response curve for the short-period seismograph type in use is given in figure 6. The Type 1 curve gives the displacement magnification of the standard EHT system from ground motion at the seismometer to the seismic trace, as seen on a 20x Develocorder film viewer. The curve plots the unit response, which is multiplied by a constant but known factor, CAL, to get the response for an individual station. Individual CAL factors for Type 1 seismographs are Develocorder equivalent peak-to-peak amplitudes, measured in millimeters, of a 100-microvolt 5 to 8-Hz signal introduced to the preamp/VCO in place of the geophone at the field station. The calibration process is normally performed each time a station is visited for other required maintenance.

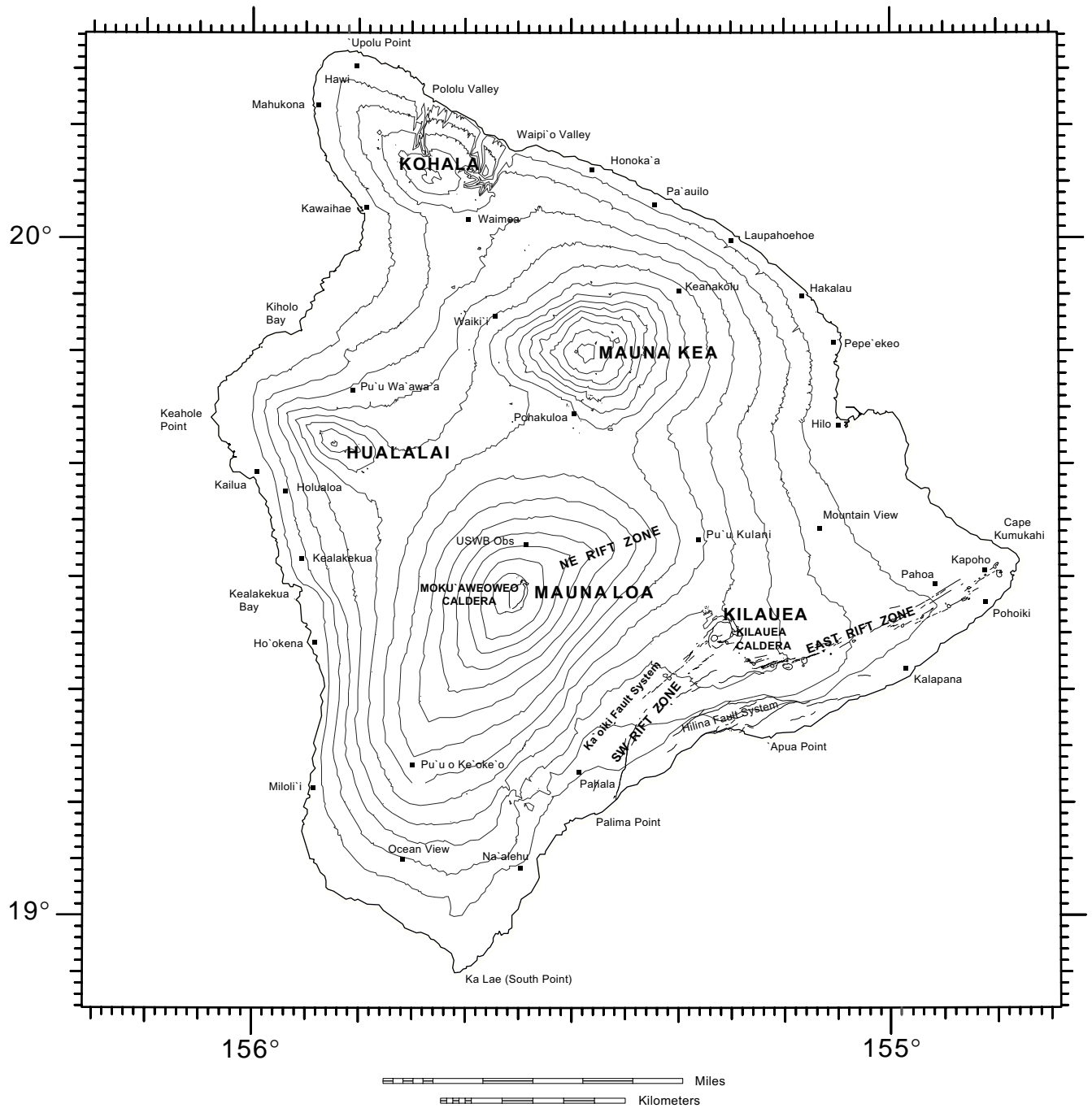


Figure 1. Map of the Island of Hawai'i, showing principal settlements and selected geographic and geologic features.

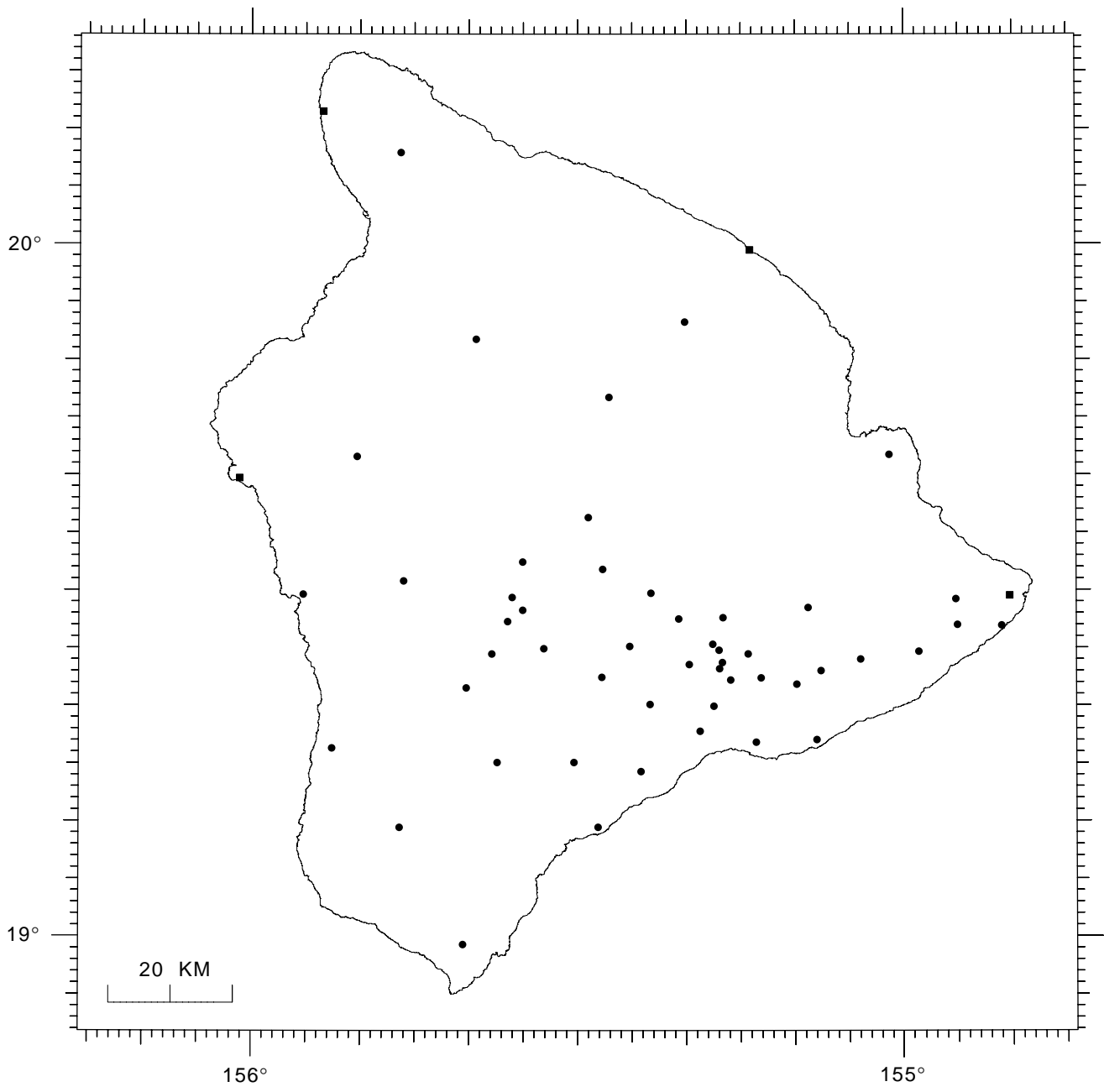


Figure 2. Seismic station sites operational during 2000 on the Island of Hawai'i.

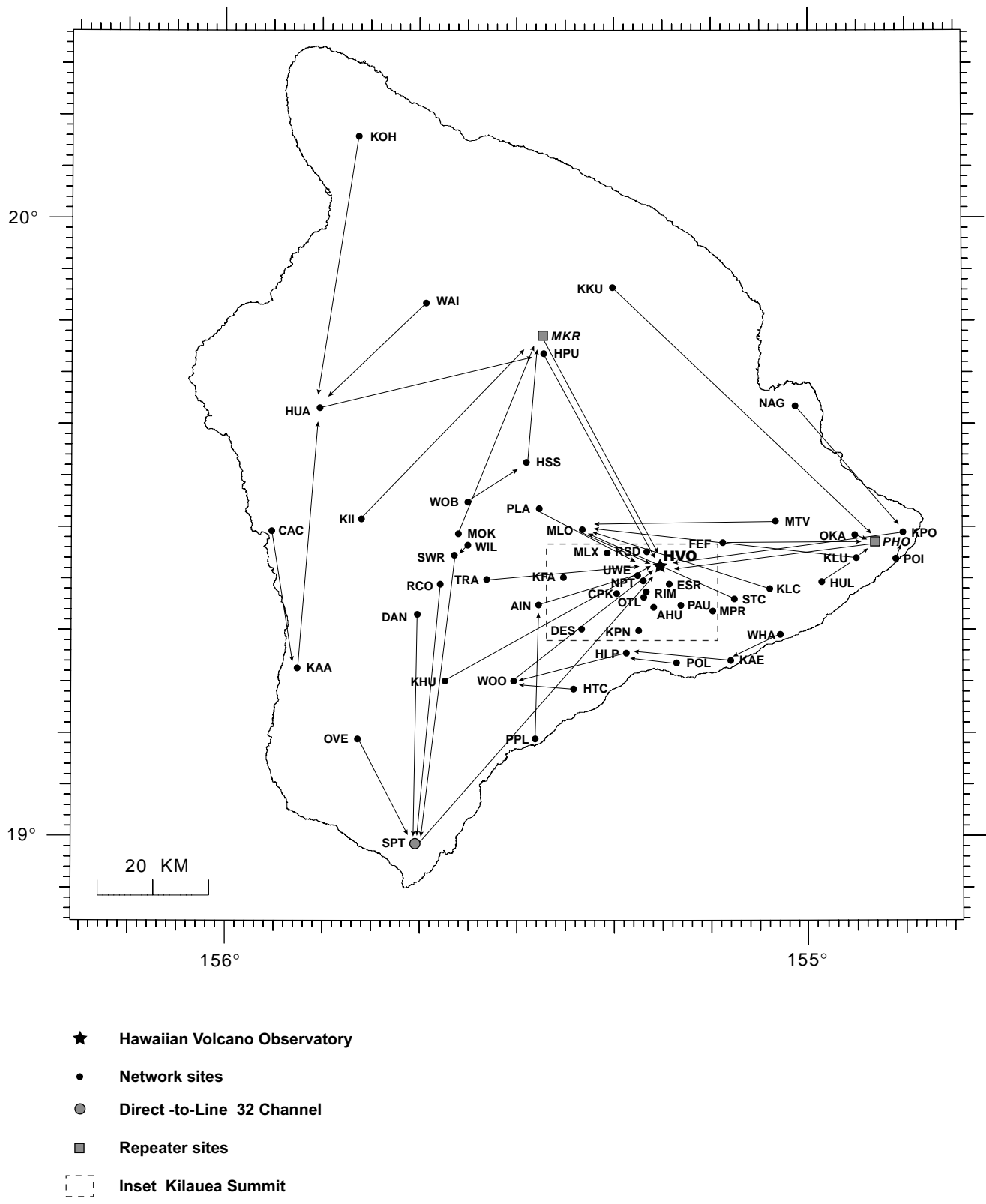
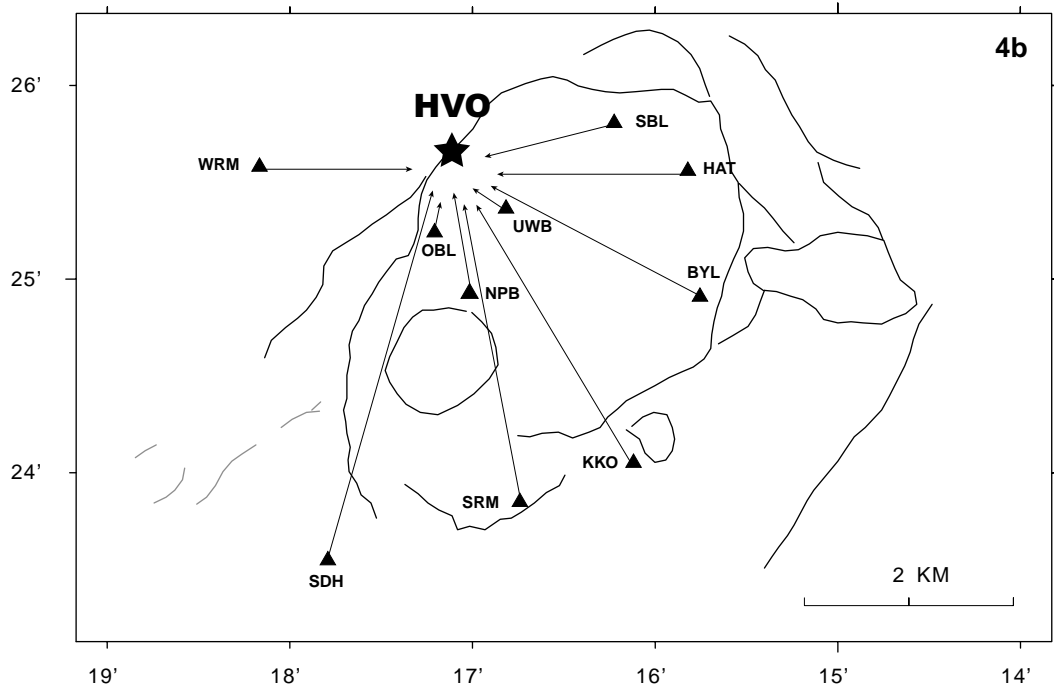
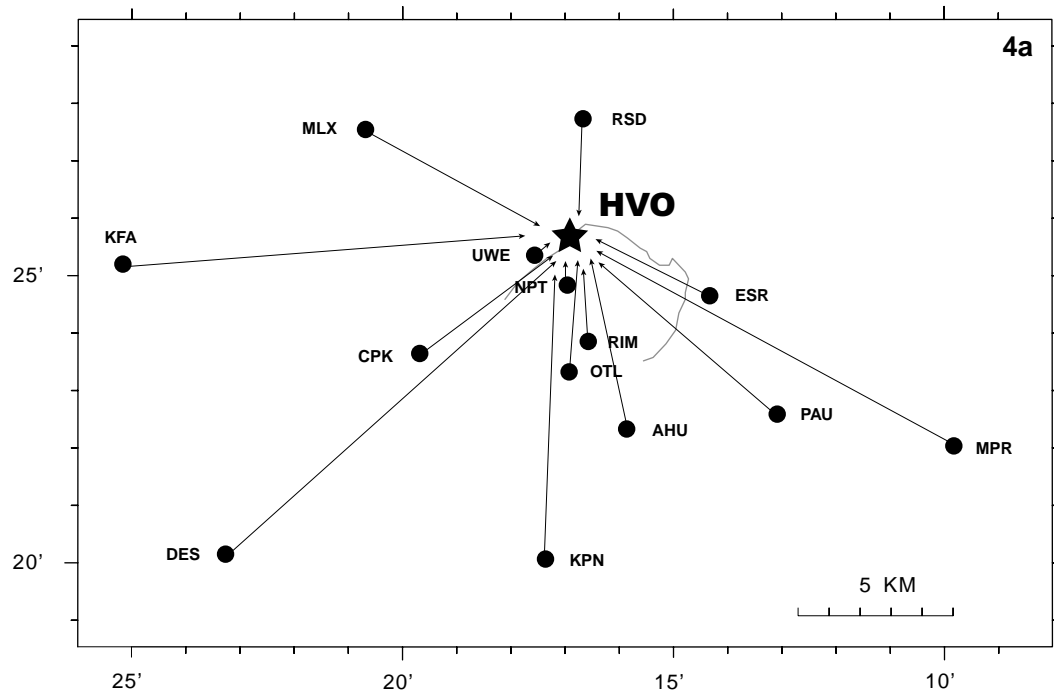


Figure 3. Telemetry scheme for seismic stations operational during 2000 on the Island of Hawai'i.



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

Figure 4a. Expanded telemetry scheme for the 2000 Hawaiian Volcano Observatory seismic network at Kilauea summit.

Figure 4b. Expanded telemetry scheme for the 2000 Menlo Park broadband network at Kilauea summit.

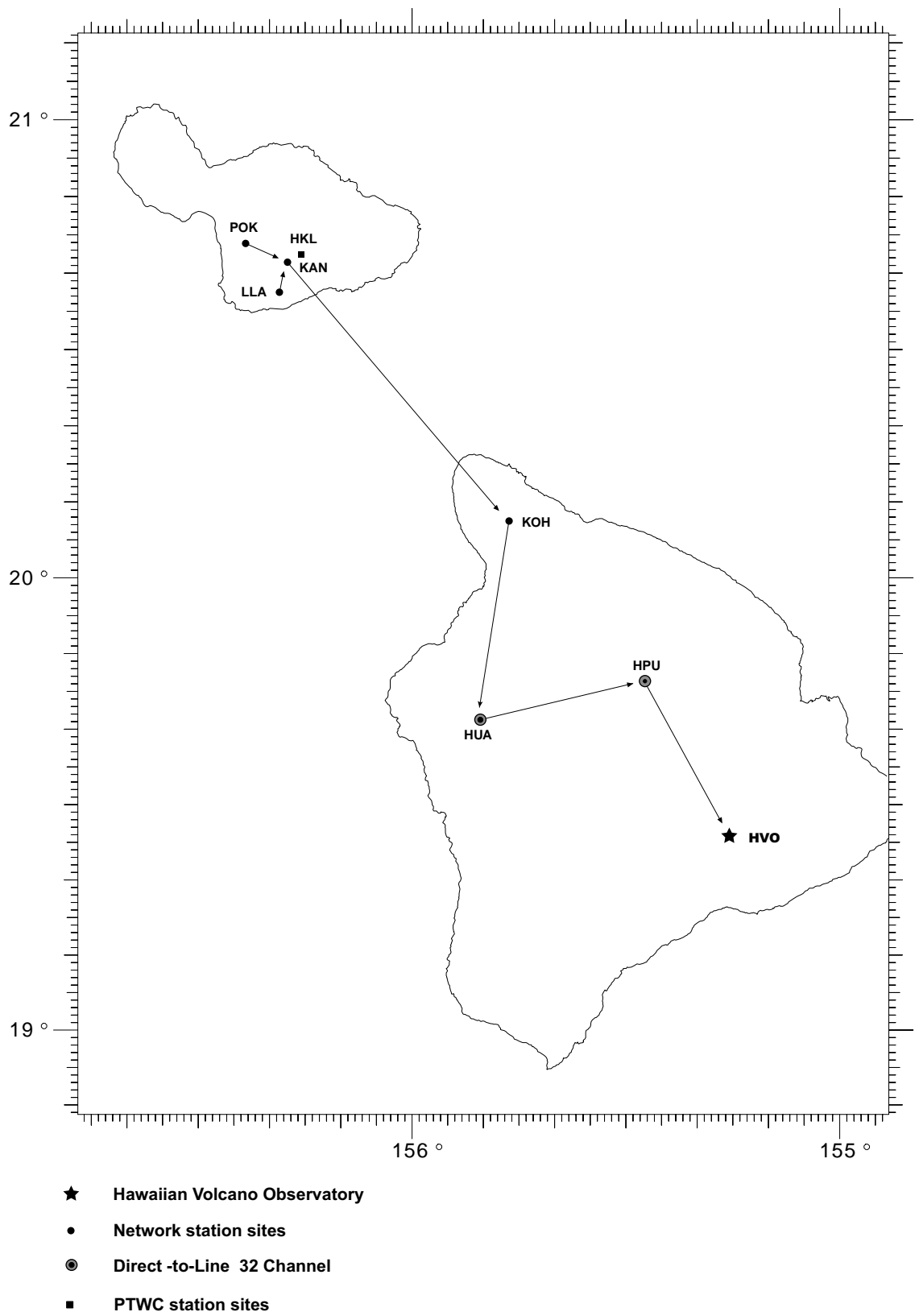


Figure 5. Telemetry scheme for seismic stations operational during 2000 on the Island of Maui.

Table 1. Seismic stations in Hawai'i operated by the USGS in 2000.

STATION NAME	CODE	-LAT-		-LON-		ELEV	DELAY	DELAY	CAL	SEIS	OPTIC	RECORD
		D	M	D	M							
AHUA	AHUV	19	22.40	155	15.90	1070	-0.10	-0.13	2.6	L5	I	
AHUA	AHUE	19	22.40	155	15.90	1070	-0.10	-0.13	3.0	E5	MW	
AHUA	AHUN	19	22.40	155	15.90	1070	-0.10	-0.13	3.0	E5	MW	
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	S1	H	
ESCAPE ROAD	ESRV	19	24.68	155	14.33	1177	-0.17	-0.19	1.2	L5		
FERN FOREST	FEFV	19	28.70	155	8.91	691	0.01	0.05	0.0	L5		
HEIHEIAHULU	HHAZ	19	25.13	154	58.72	369	-0.17	-0.16	0.0	F5		
HEIHEIAHULU	HHAE	19	25.13	154	58.72	369	-0.17	-0.16	0.0	F5		
HEIHEIAHULU	HHAN	19	25.13	154	58.72	369	-0.17	-0.16	0.0	F5		
HALEAKALA, MAUI	HKLZ	20	42.63	156	15.55	3051	0.00	0.00	0.0	S1	H	
HILINA PALI	HLPV	19	17.96	155	18.63	707	0.02	0.07	2.1	L5		
HONOLULU, OAHU	HONZ	21	19.30	158	0.50	2	0.00	0.00	0.0	S1	H	
HONOLULU, OAHU	HONE	21	19.30	158	0.50	2	0.00	0.00	0.0	S1	H	
HONOLULU, OAHU	HONN	21	19.30	158	0.50	2	0.00	0.00	0.0	S1	H	
HONUPO	HPOZ	19	5.34	155	33.23	15	0.00	0.00	0.0	S1		
HALE POHAKU	HPUV	19	46.85	155	27.50	3396	0.31	0.17	3.3	L5		
HUMUULA SHEEP	HSSV	19	36.31	155	29.13	2445	0.20	0.35	4.0	L5		
HUMUULA SHEEP	HSSE	19	36.31	155	29.13	2445	0.20	0.35	3.0	L5	MW	
HUMUULA SHEEP	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	I	
HEIHEIAHULU	HULV	19	25.13	154	58.72	369	-0.17	-0.16	1.6	L5	H	
HEIHEIAHULU	HULE	19	25.13	154	58.72	369	-0.17	-0.16	3.0	E5	MW	
HEIHEIAHULU	HULN	19	25.13	154	58.72	369	-0.17	-0.16	3.0	L5	MW	
KAAPUNA	KAHV	19	15.98	155	52.28	524	-0.12	-0.01	3.3	E5		
KAENA POINT	KAHV	19	17.35	155	7.95	37	-0.01	0.06	1.4	L5		
KANAHAU, MAUI	KANV	20	41.60	156	17.48	2745	0.00	0.00	0.0	L5		
KAOIKI FAULTS	KFAV	19	25.25	155	25.18	1579	0.13	0.17	0.0	L5		
KAHUKU	KHUV	19	14.90	155	37.10	1939	0.03	-0.03	5.0	E5		
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	ST		
KAILUA, KONA	KKHZ	19	39.40	156	1.12	1	0.00	0.00	0.0	S1		
KEANAKOLU	KKUV	19	53.39	155	20.58	1863	0.68	0.24	3.3	L5		
KALALUA CONE	KLCV	19	24.35	155	4.08	659	-0.25	-0.30	3.4	L5		
PUU KALIU	KLUV	19	27.48	154	55.26	271	-0.17	-0.30	3.4	L5		
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	S1		
KIPUKA NENE	KPNV	19	20.10	155	17.40	924	-0.11	-0.08	3.5	L5		
LUALAILUA, MAUI	LLAV	20	37.62	156	18.62	683	0.00	0.00	0.0	L5		
LAUPAHOEHOE	LPHZ	19	59.82	155	14.58	1	0.00	0.00	0.0	S1		

STATION NAME	CODE	-LAT-		-LON-		ELEV	DELAY	DELAY	CAL	SEIS	OPTIC	RECORD
		D	M	D	M							
MAHUKONA	MHAZ	20	11.27	155	54.18		1	0.00	0.00	0.0	S1	
MAUNA LOA	MLOV	19	29.80	155	23.30		2010	0.03	0.08	5.6	L5	I
MAUNA LOA	MLOE	19	29.80	155	23.30		2010	0.03	0.08	3.0	L5	MW
MAUNA LOA	MLON	19	29.80	155	23.30		2010	0.03	0.08	3.0	L5	MW
MAUNA LOA X	MLXV	19	27.60	155	20.70		1475	0.06	0.15	3.0	L5	
MOKUAWEOWEO	MOKV	19	29.28	155	35.98		4104	0.15	0.16	4.2	L5	IH
MAKAOPUHI	MPRV	19	22.07	155	9.85		881	-0.17	-0.20	2.6	L5	I
MAKAOPUHI	MPRZ	19	22.07	155	9.85		881	-0.17	-0.20	0.1	L5	
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
OOKA	OKAV	19	29.66	154	55.44		180	0.00	0.00	0.0	L5	
OPANA, OAHU	OPAZ	21	41.45	158	0.70		100	0.00	0.00	0.0	S1	H
OUTLET	OTLV	19	23.38	155	16.94		1038	-0.19	-0.18	2.6	L5	
OUTLET	OTLZ	19	23.38	155	16.94		1038	-0.19	-0.18	0.0	L5	
OCEANVIEW EST	OVEV	19	9.21	155	45.92		1378	0.00	0.00	0.0	L5	
PAUAAHI	PAAZ	19	22.62	155	13.10		994	-0.21	-0.24	0.0	F5	
PAUAAHI	PAAE	19	22.62	155	13.10		994	-0.21	-0.24	0.0	F5	
PAUAAHI	PAAN	19	22.62	155	13.10		994	-0.21	-0.24	0.0	F5	
PAUAAHI	PAUV	19	22.62	155	13.10		994	-0.21	-0.24	2.9	L4	
PAUAAHI	PAUE	19	22.62	155	13.10		994	-0.21	-0.24	3.0	L5	MW
PAUAAHI	PAUN	19	22.62	155	13.10		994	-0.21	-0.24	3.0	L5	MW
PUU ULAULA	PLAV	19	32.00	155	27.67		2992	-0.03	0.13	6.3	L5	I
POHOIKI	POIV	19	27.42	154	51.22		16	-0.09	-0.24	0.0	L5	
PUUOKALI, MAUI	POKV	20	44.00	156	23.32		511	0.00	0.00	0.0	L5	
POLIOKEAWE PALI	POLV	19	17.02	155	13.47		169	-0.02	0.03	3.4	E5	
PUU PILI	PPLV	19	9.50	155	27.87		35	-0.15	-0.15	1.4	E5	
RED CONE	RCOV	19	24.36	155	37.79		3601	0.00	0.00	0.0	L5	
RIM	RIMV	19	23.90	155	16.60		1128	-0.21	-0.13	0.0	L5	
RAINSLED	RSDV	19	27.78	155	16.68		1270	0.06	0.15	0.0	L5	
SOUTH POINT	SPTV	18	58.91	155	39.92		244	-0.17	-0.22	2.8	L5	
SOUTH POINT	SPTTE	18	58.91	155	39.92		244	-0.17	-0.22	3.0	L5	MW
SOUTH POINT	SPTN	18	58.91	155	39.92		244	-0.17	-0.22	3.0	L5	MW
STEAM CRACKS	STCV	19	23.30	155	7.67		765	-0.25	-0.30	3.4	L5	H
STEAM CRACKS	STCE	19	23.30	155	7.67		765	-0.25	-0.30	3.0	L5	MW
STEAM CRACKS	STCN	19	23.30	155	7.67		765	-0.25	-0.30	3.0	L5	MW
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	UJGZ	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 RG, OA	WMRZ	21	19.22	157	40.94		200	0.00	0.00	0.0	S1	
WEATHER OBSERV	WOBV	19	32.31	155	35.01		3396	0.00	0.00	0.0	E5	
WOOD VALLEY	WOOV	19	15.08	155	30.12		909	-0.15	-0.06	2.6	E5	

Table 2. Seismic instrument types

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

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

- a) Geophone - Electrotech EV-17 (E), Mark Products L4C (L) or Kinematic Ranger SS1 (R). (L) and (R) are 1.0-sec. period moving-magnet vertical- or horizontal- (E-W and N-S) component seismometers adjusted for an output of 0.5 volts/cm/sec and 0.8, critically damped.
- b) Preamp/VCO - USGS/OEVE Model J402 (4), J502 (5) voltage-controlled oscillator. Three db points for bandpass filter at 0.1 Hz and 30 Hz. Signals are transmitted on audio FM carrier over cable or FM radio link to HVO.

Code (W) - Wood-Anderson torsion seismograph.

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

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

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

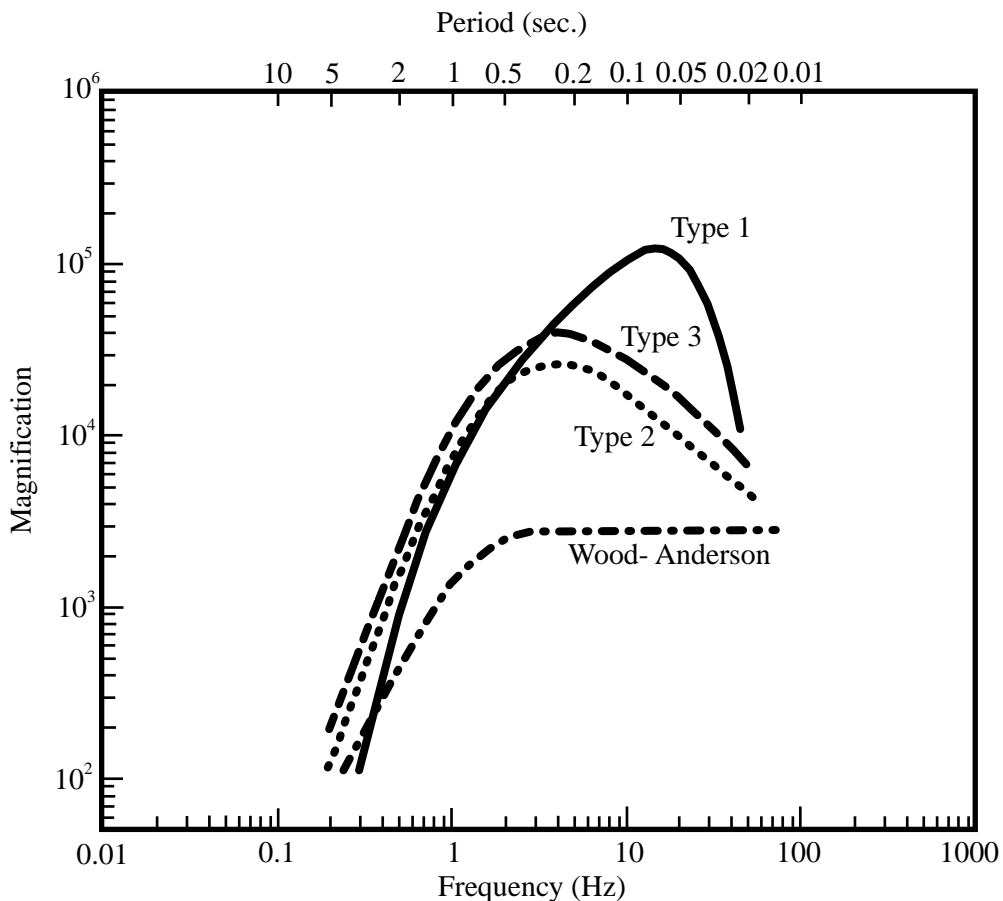


Figure 6. System-response curves for the Wood-Anderson torsion seismograph and for seismometers used by the Hawaiian Volcano Observatory. Type 1 is the standard OEVE seismometer system recorded on Develocorder film and DAT tape. The curve for Type 1 includes response of the geophone, all electronics including telemetry, Develocorder galvanometer, and projection of film by a 20x viewer. The curve plots the unit response, which should be multiplied by a constant but known factor (CAL) to get the response for an individual station.

SEISMIC DATA PROCESSING

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

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

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

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

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

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

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

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

² Klein, F.W., in press, User's guide to HYPOINVERSE-2000, a Fortran Program to solve for earthquake locations and magnitudes: U.S. Geological Survey, 116 p.

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

SEISMIC CATALOG

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

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

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

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

—Shallow:

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

—Intermediate depth:

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

—Deep:

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

—Outer regions, all depths:

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

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

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

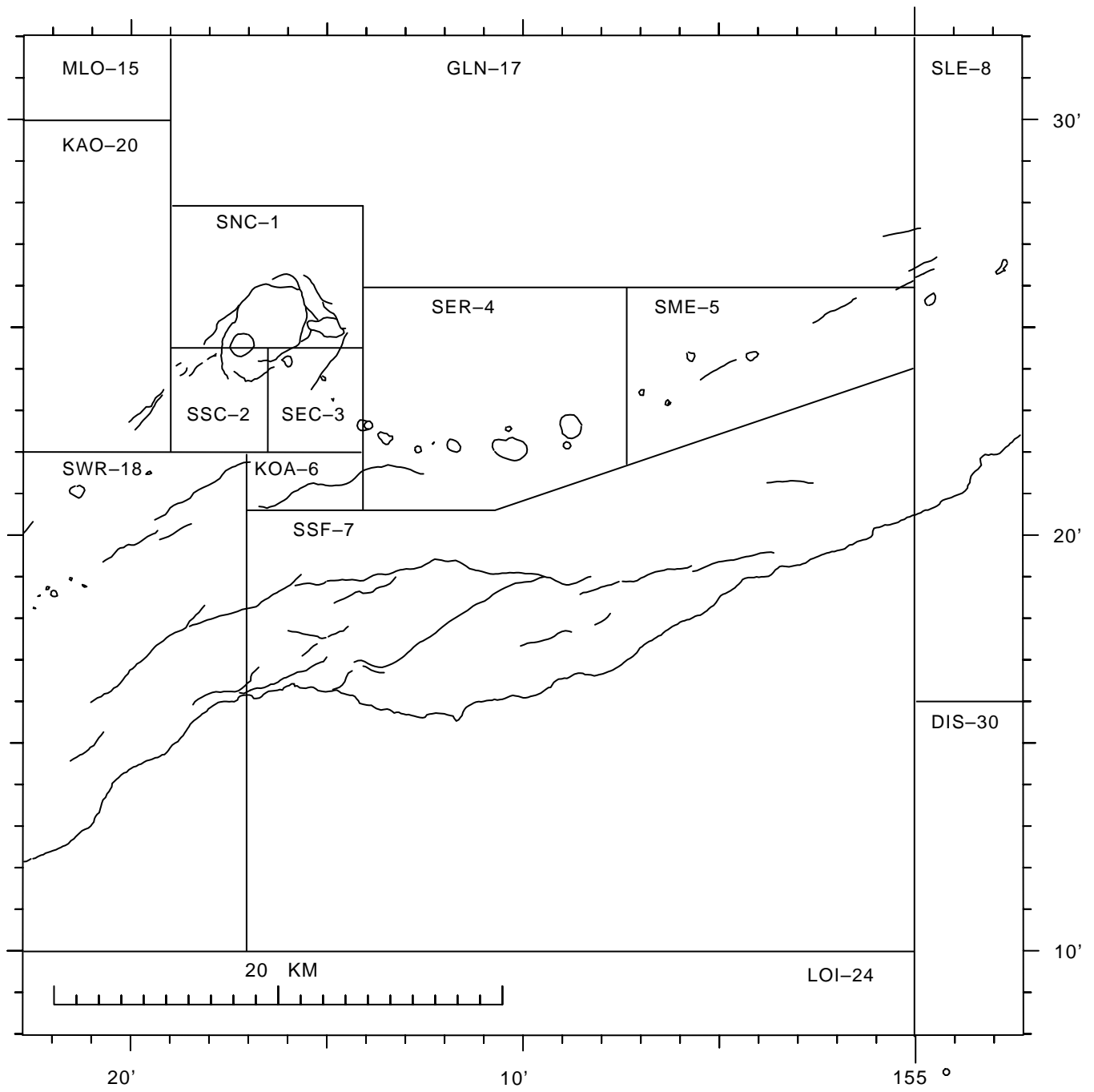


Figure 7. Earthquake classification, shallow (0-5 km deep), for Kilauea and the east flank of Mauna Loa.

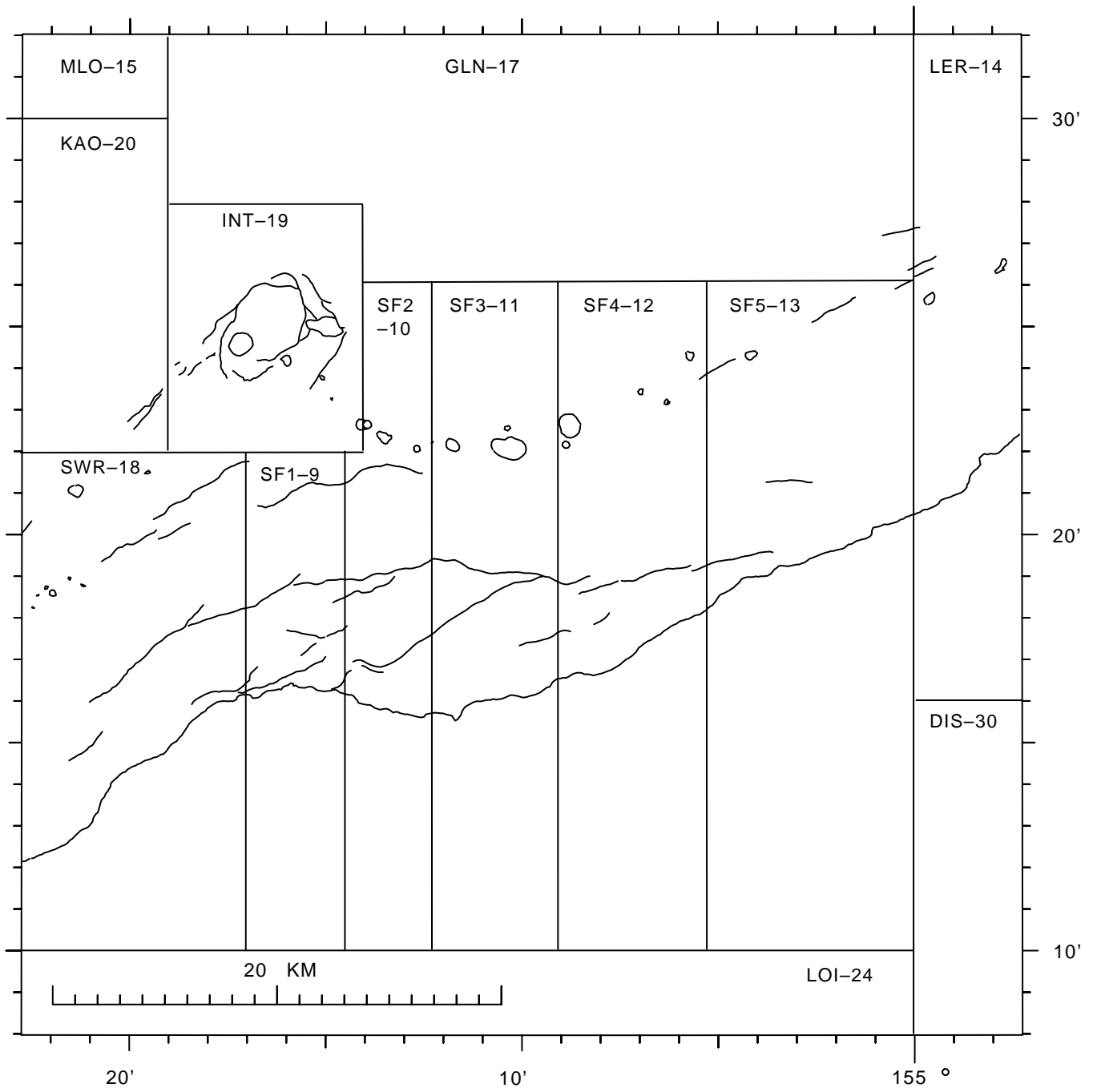


Figure 8. Earthquake classification, intermediate (5.1-13 km deep), for Kilauea and the east flank of Mauna Loa.

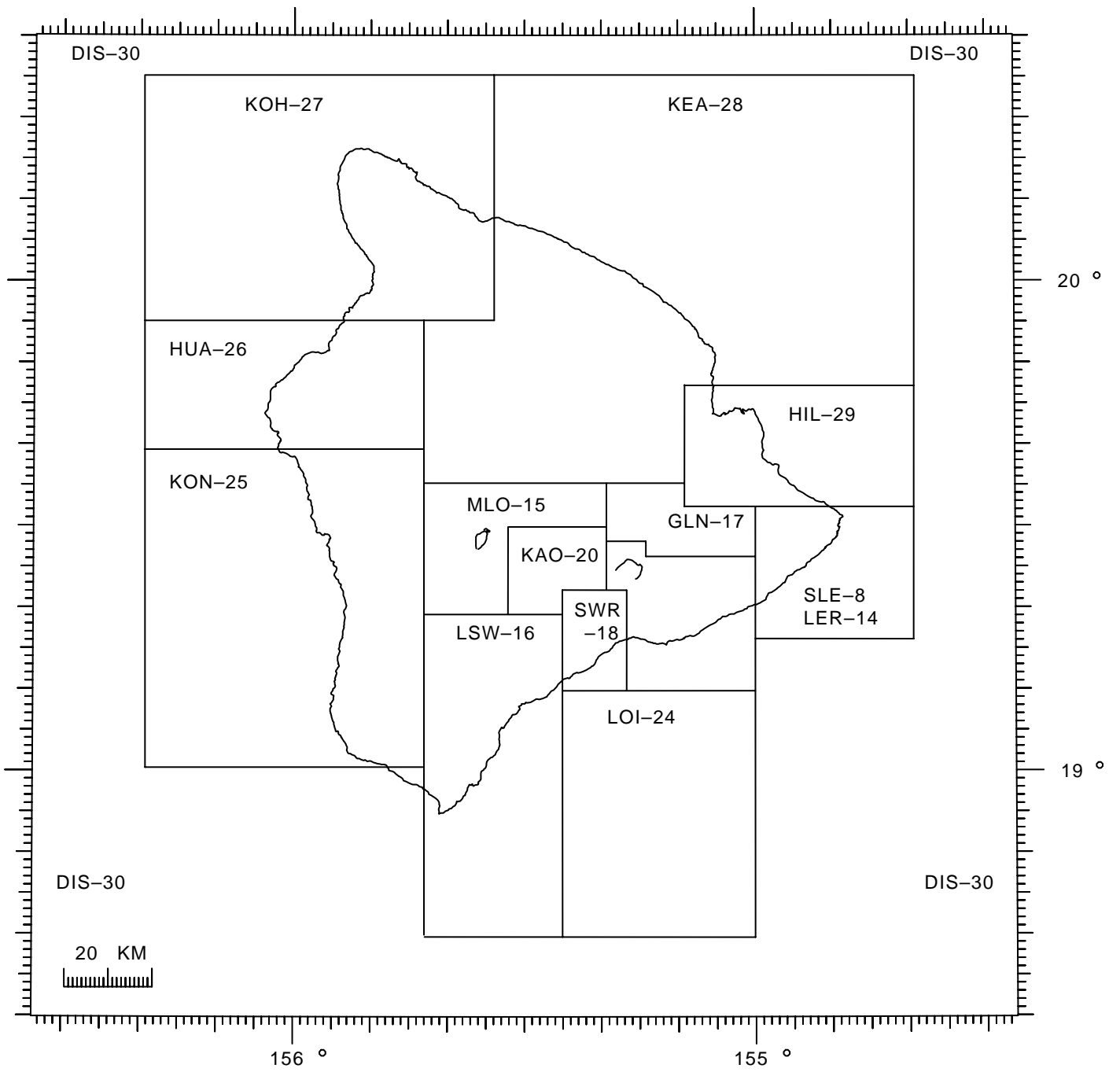


Figure 9. Earthquake classification, crustal (0-13 km deep), for the Island of Hawai'i.

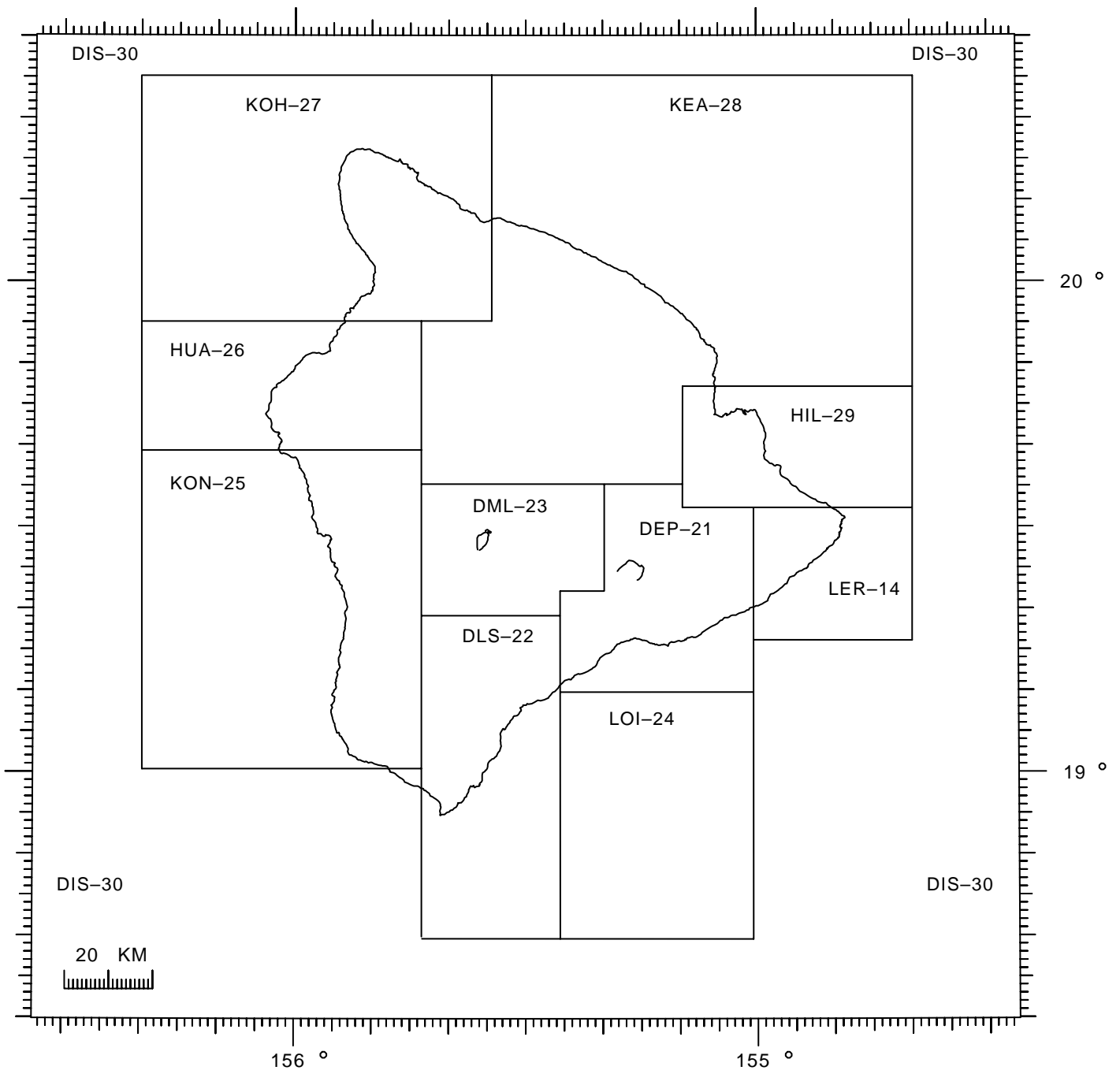


Figure 10. Earthquake classification, deep (greater than 13 km deep), for the Island of Hawai'i.

Figure 11. 2000 earthquake locations, Hawaiian Islands,
0–60 km depth, $M \geq 3.5$.

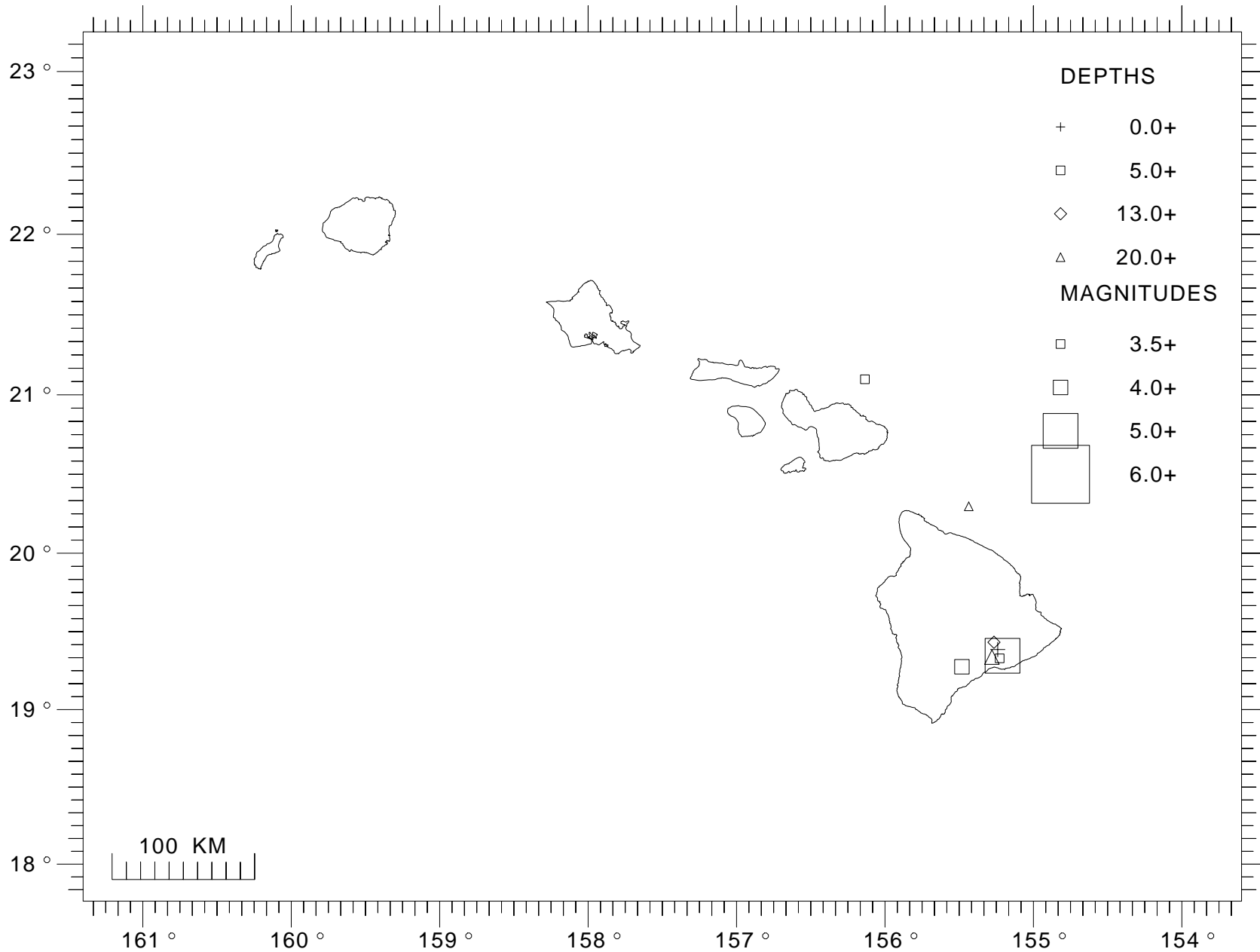


Figure 12. 2000 earthquake locations, Hawai'i Island,
0–60 km depth, $M \geq 3.0$.

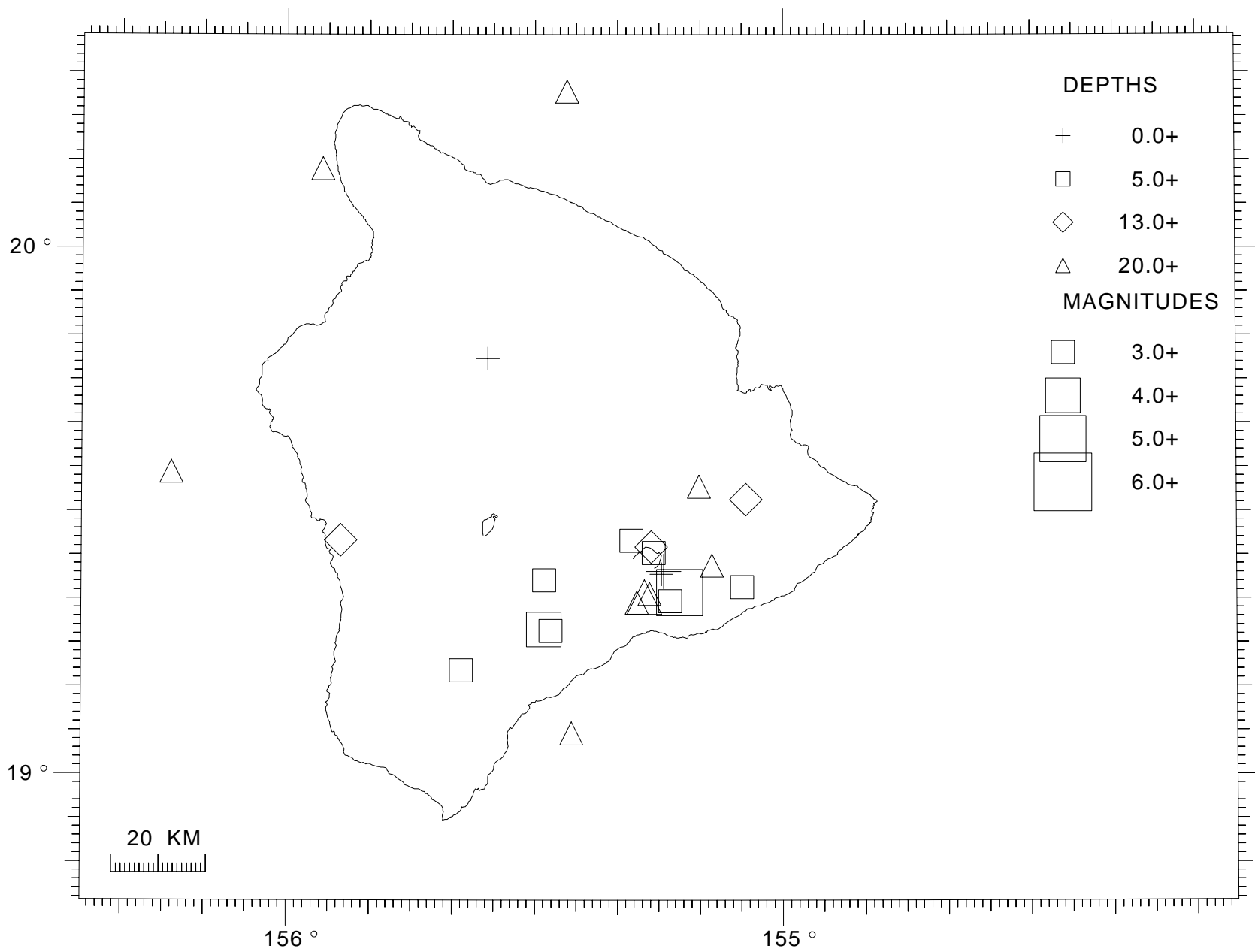


Figure 13. 2000 earthquake locations, Hawai'i Island, shallow (0–5.0 km depth), $M \geq 2.0$.

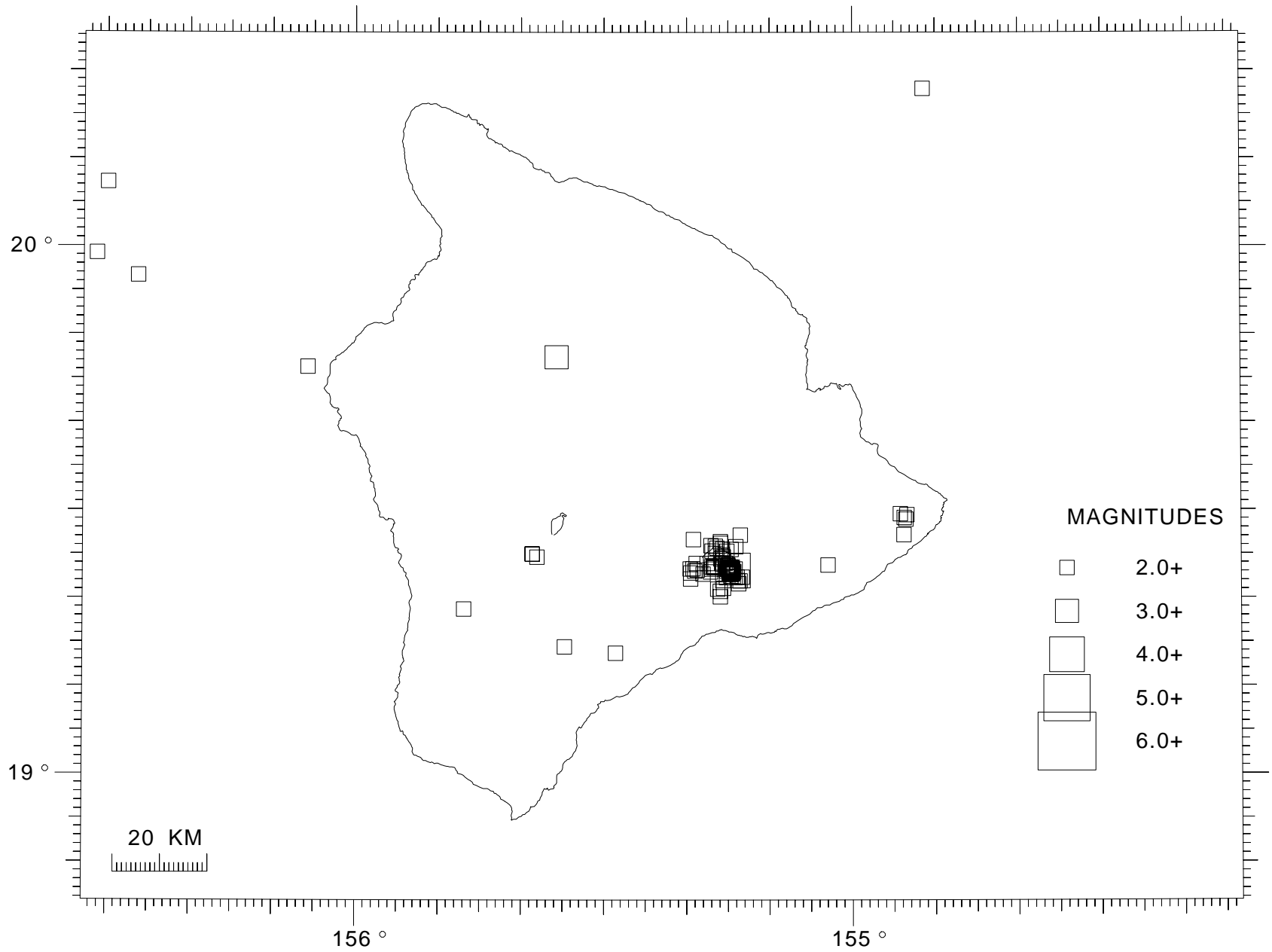


Figure 14. 2000 earthquake locations, Hawai'i Island, intermediate (5.1–13.0 km depth), $M \geq 2.0$.

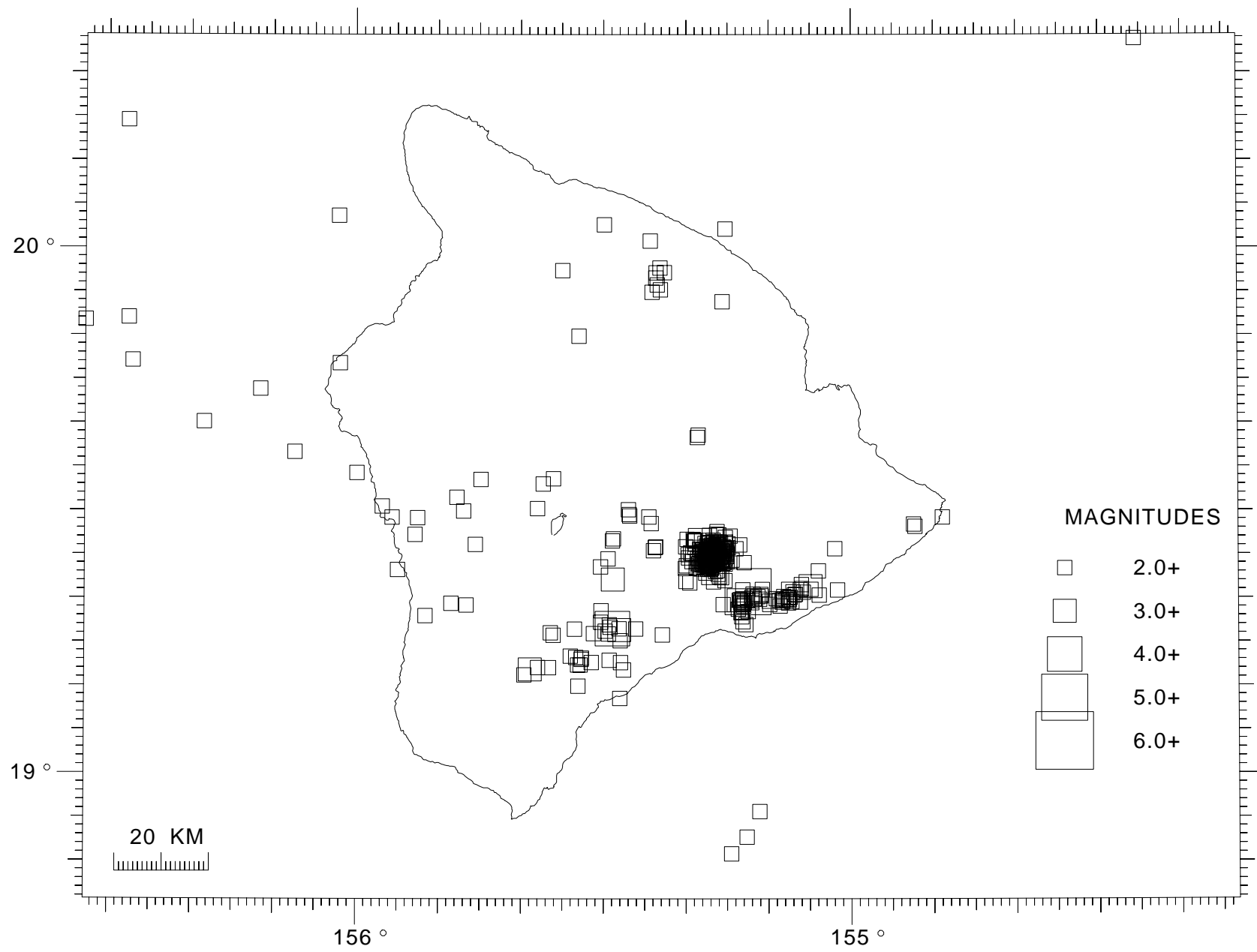


Figure 15. 2000 earthquake locations, Hawai'i Island, deep (13.1–60.0 km depth), $M \geq 2.0$.

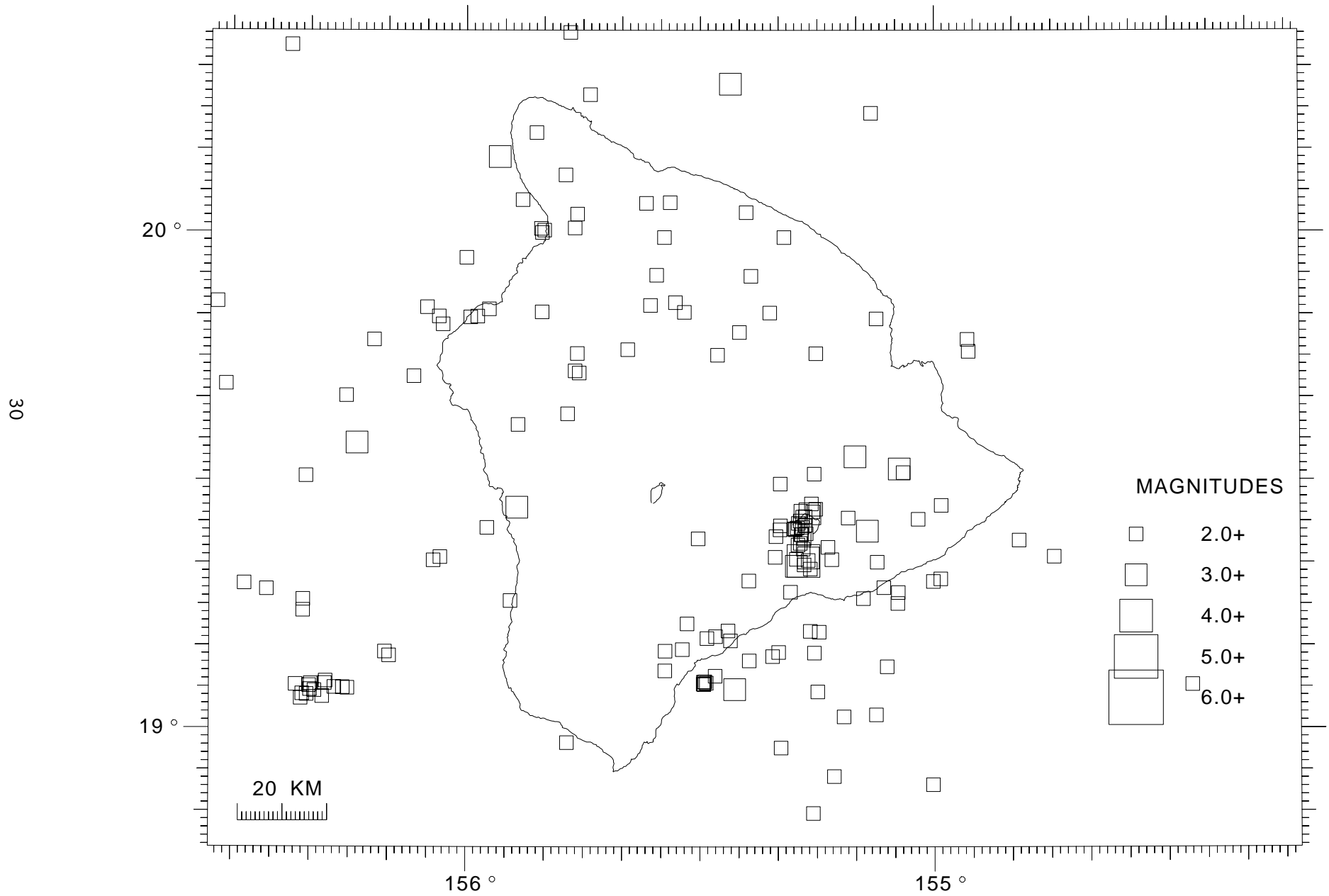


Figure 16. 2000 earthquake locations, Kilauea summit, shallow (0–5.0 km depth), $M \geq 1.0$.

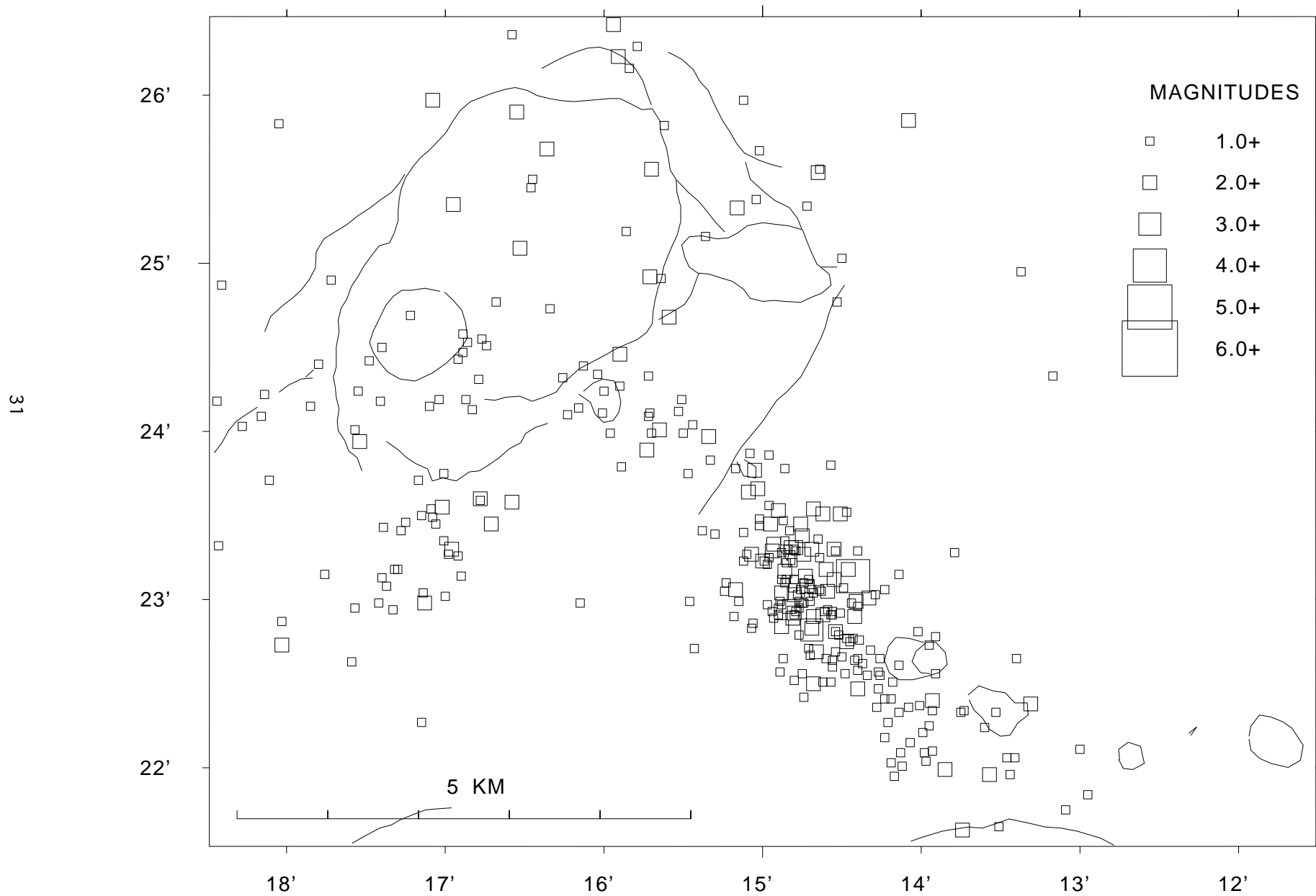


Figure 17. 2000 earthquake locations, Kilauea summit, intermediate (5.1–13.0 km depth), $M \geq 1.0$.

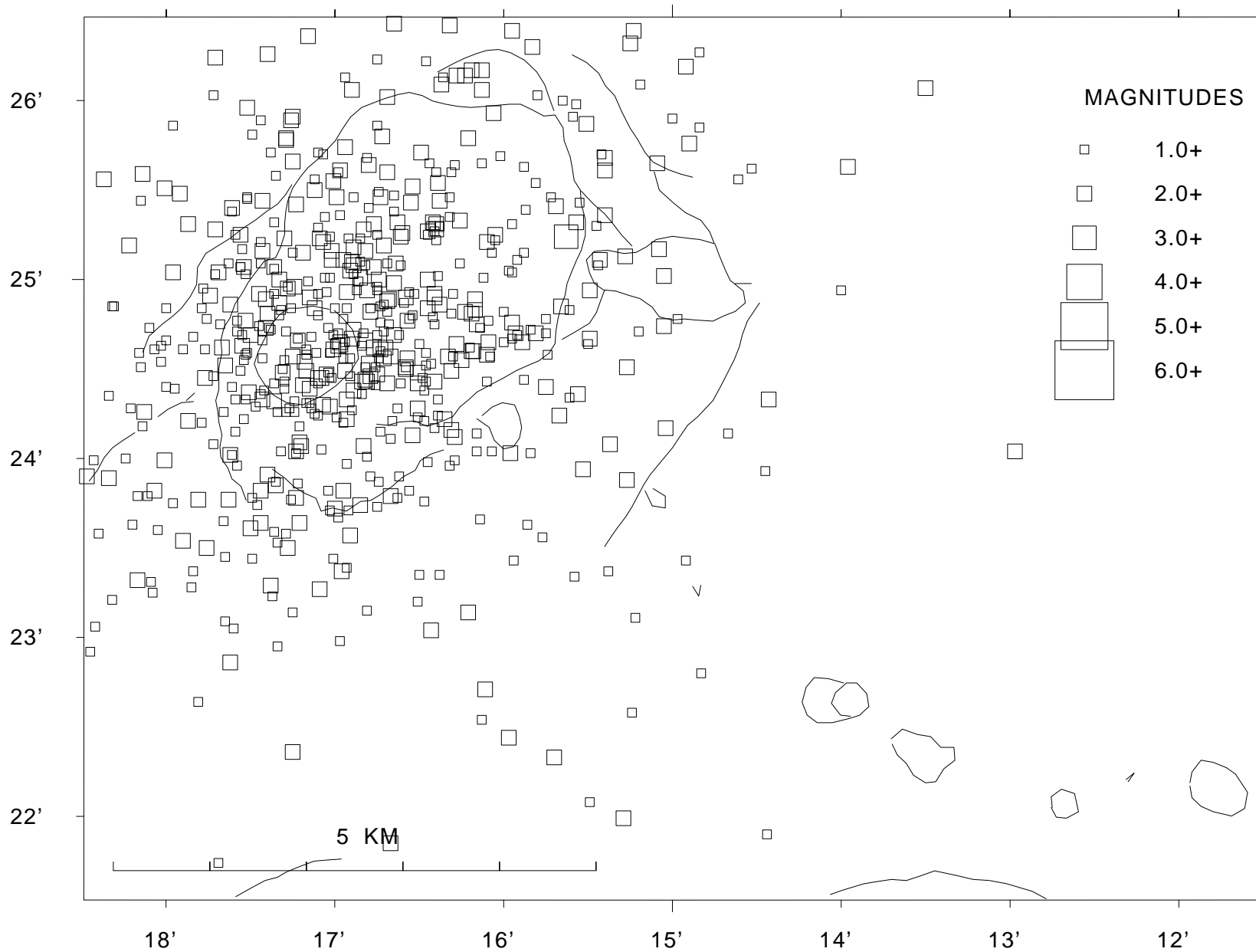


Figure 18. 2000 earthquake locations, Kilauea summit, deep (13.1–60.0 km depth), $M \geq 1.0$.

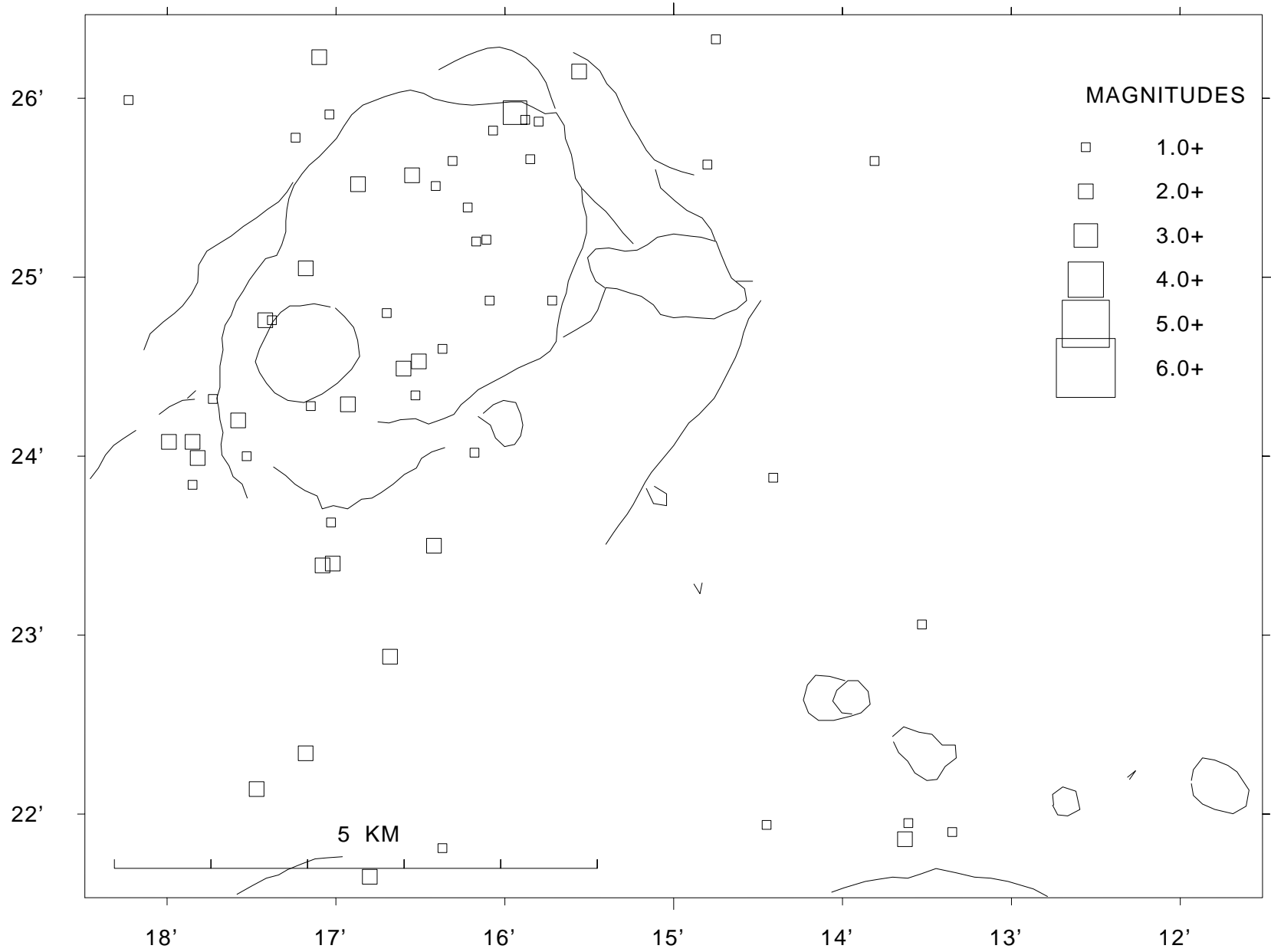


Figure 19. 2000 earthquake locations, Kilauea south flank, shallow (0–5.0 km depth), $M \geq 2.0$.

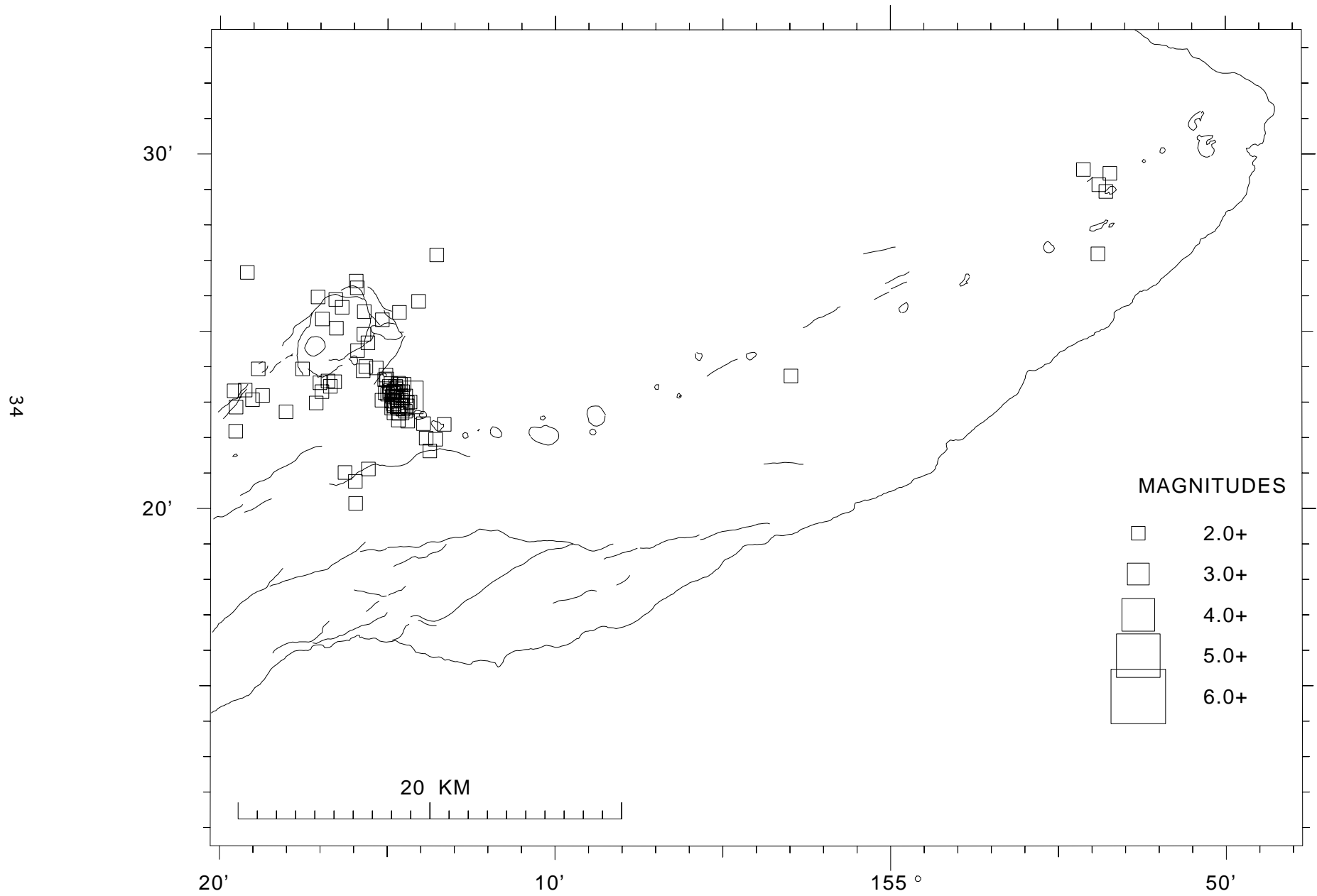


Figure 20. 2000 earthquake locations, Kilauea south flank, intermediate (5.1–13.0 km depth), $M \geq 2.0$.

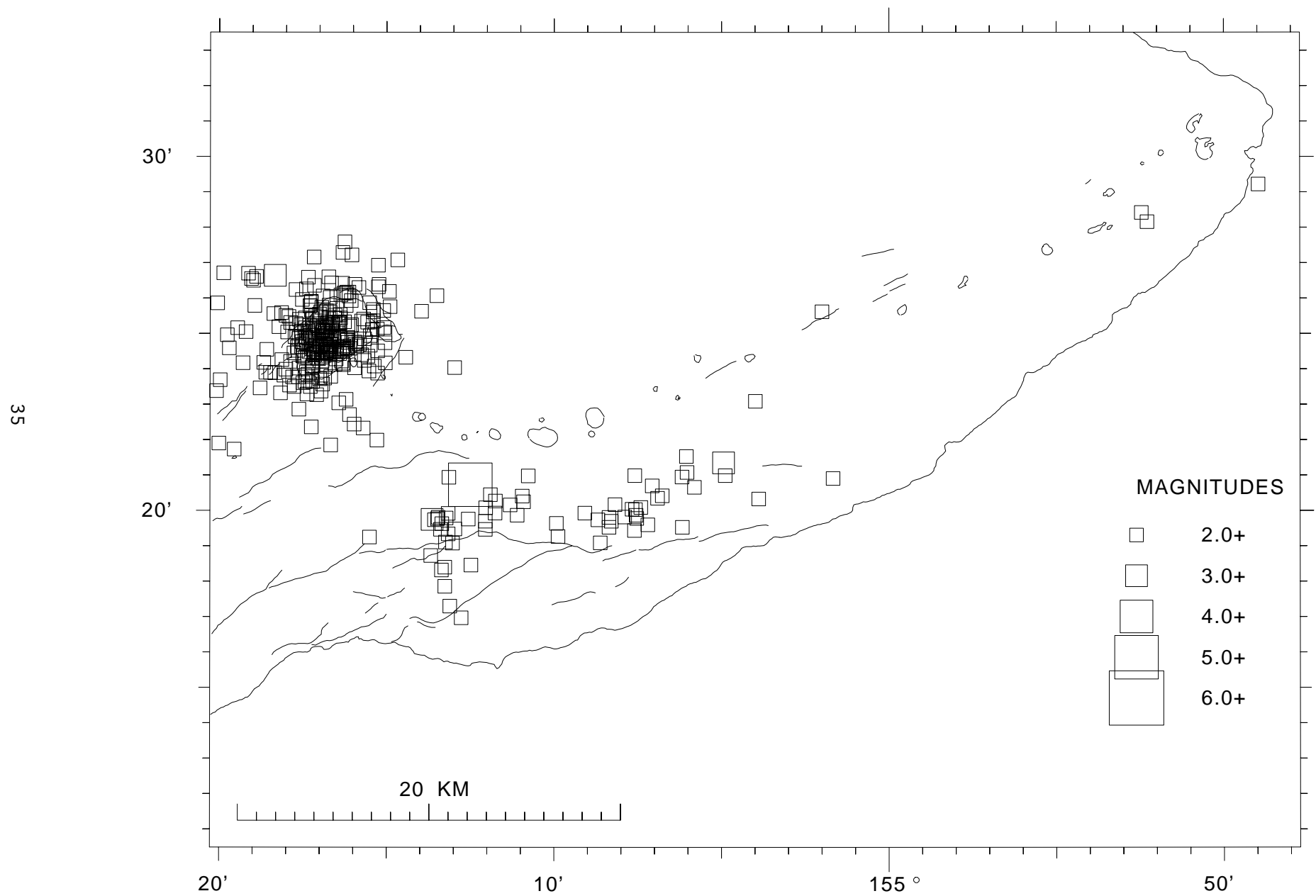


Figure 21. 2000 earthquake locations, Kilauea south flank, deep (13.1–60.0 km depth), $M \geq 2.0$.

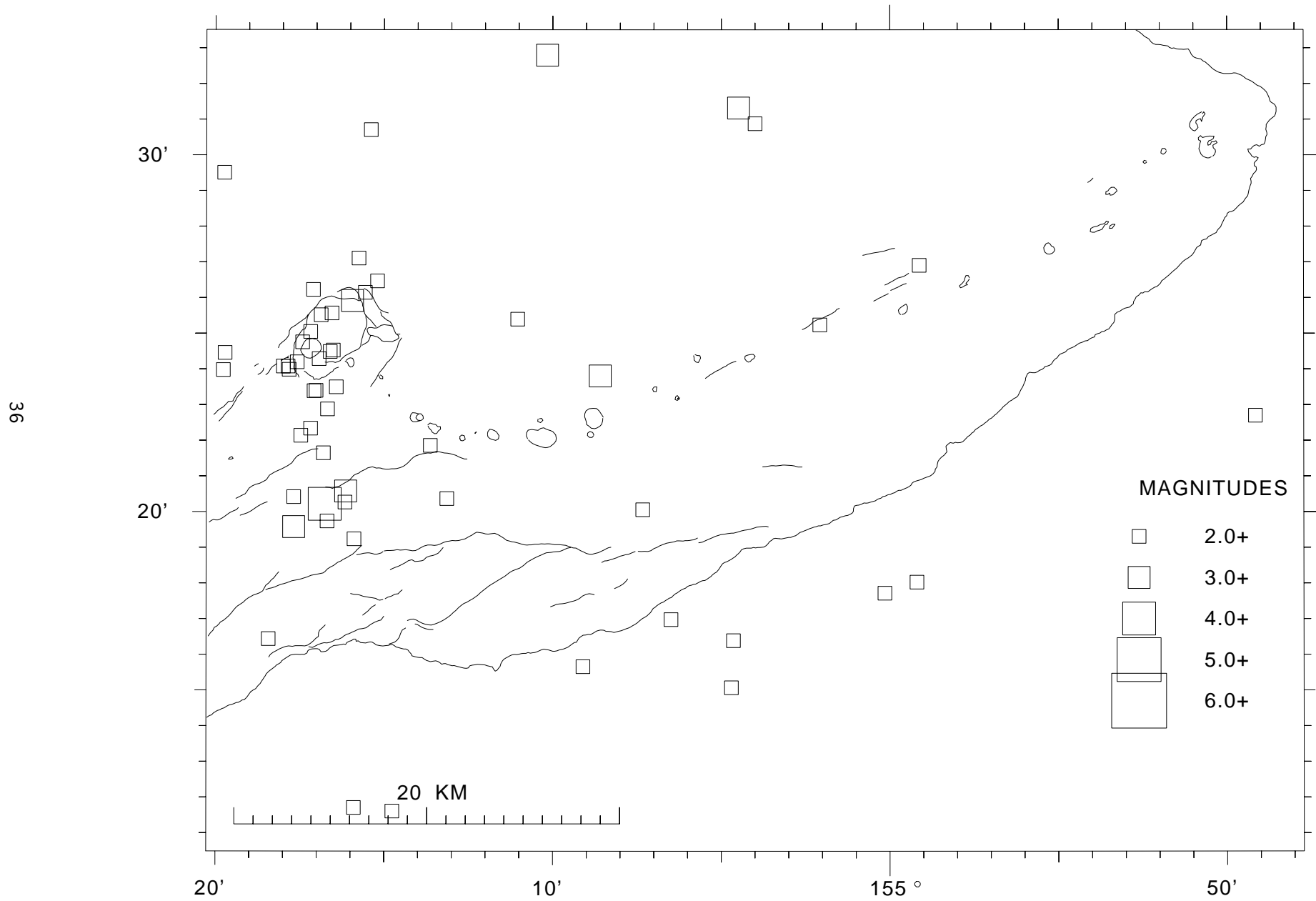


Figure 22. 2000 earthquake locations, Mauna Loa summit, shallow (0–5.0 km depth), $M \geq 2.0$.

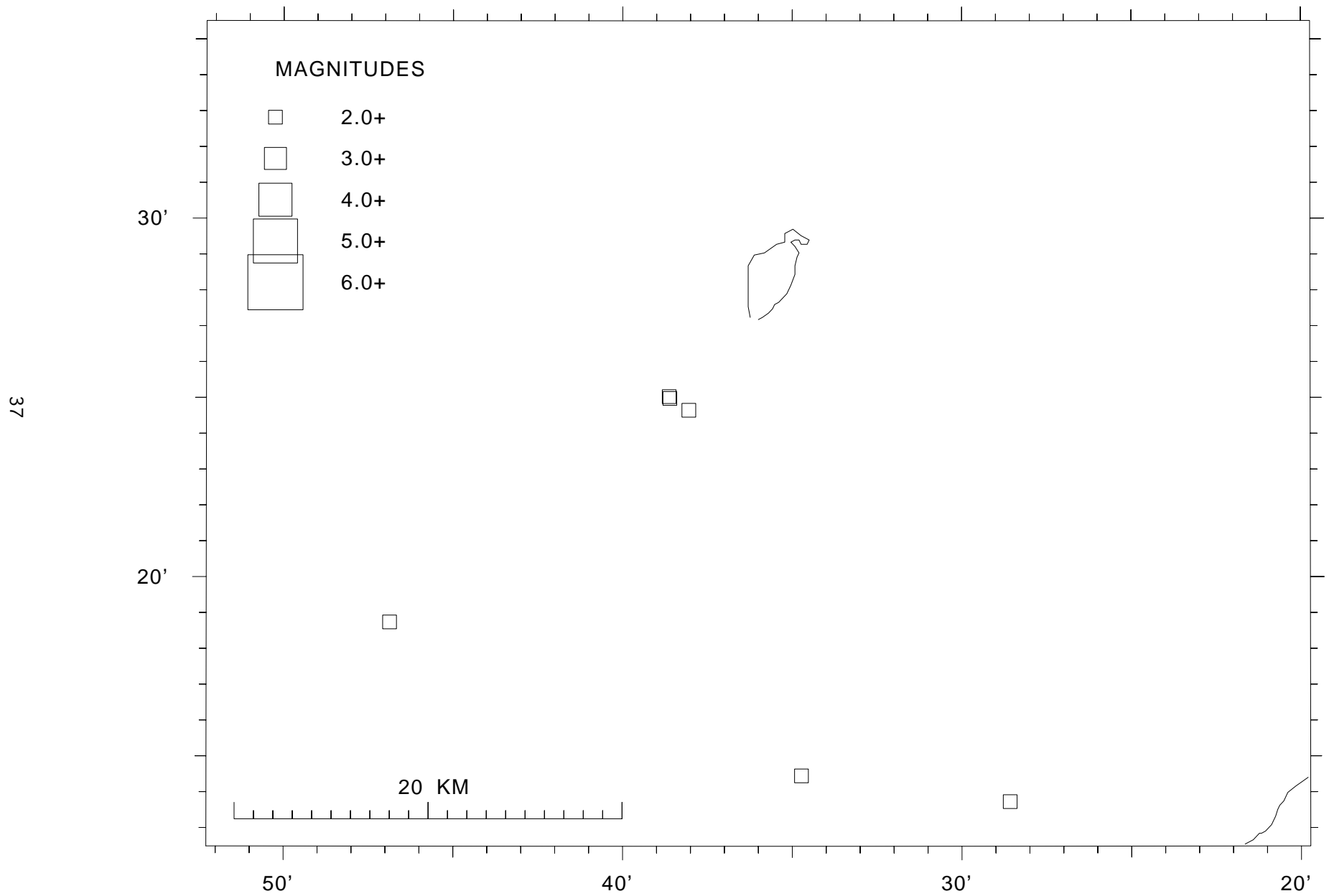


Figure 23. 2000 earthquake locations, Mauna Loa summit, intermediate (5.1–13.0 km depth), $M \geq 2.0$.

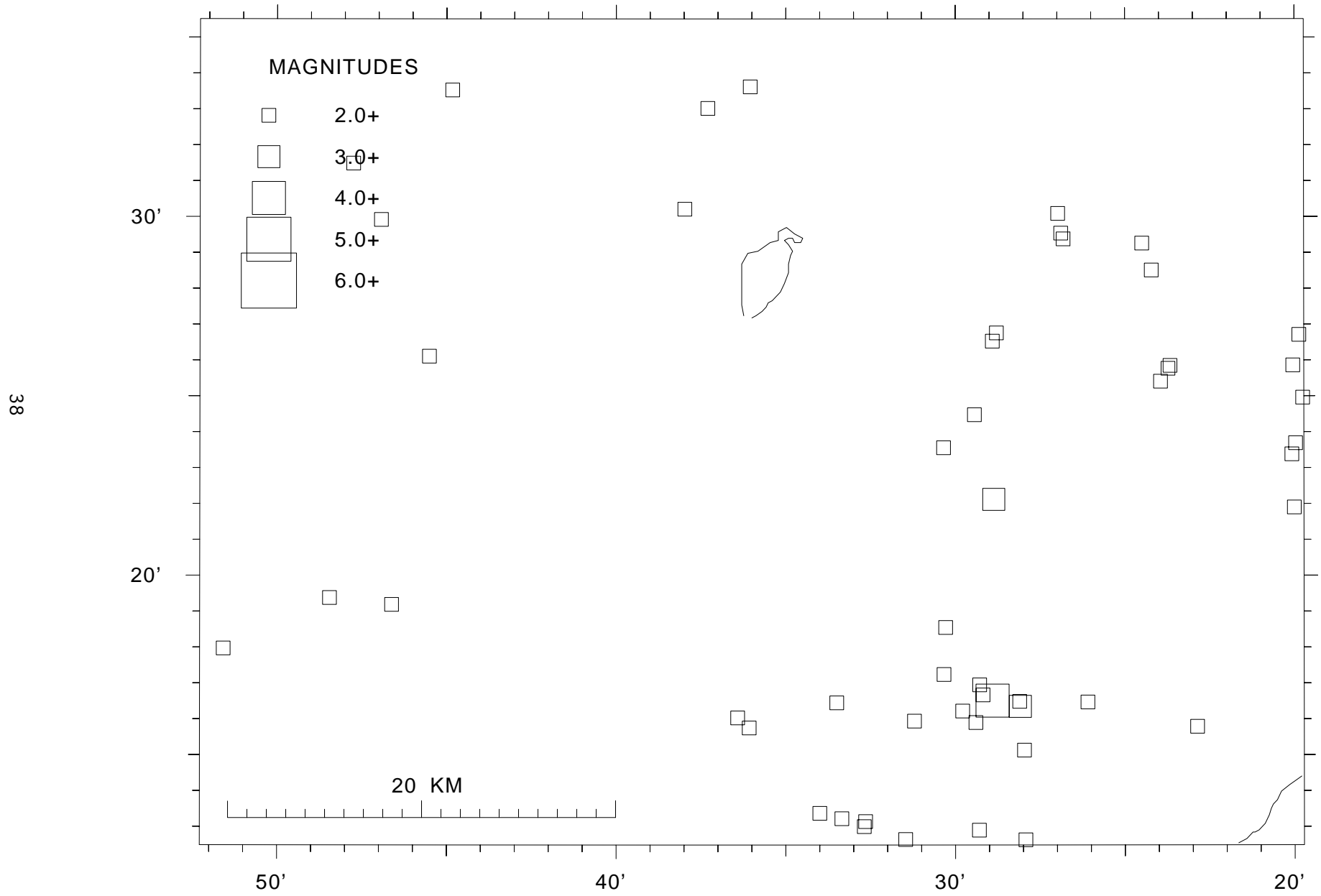


Figure 24. 2000 earthquake locations, Mauna Loa summit, deep (13.1–60.0 km depth), $M \geq 2.0$.

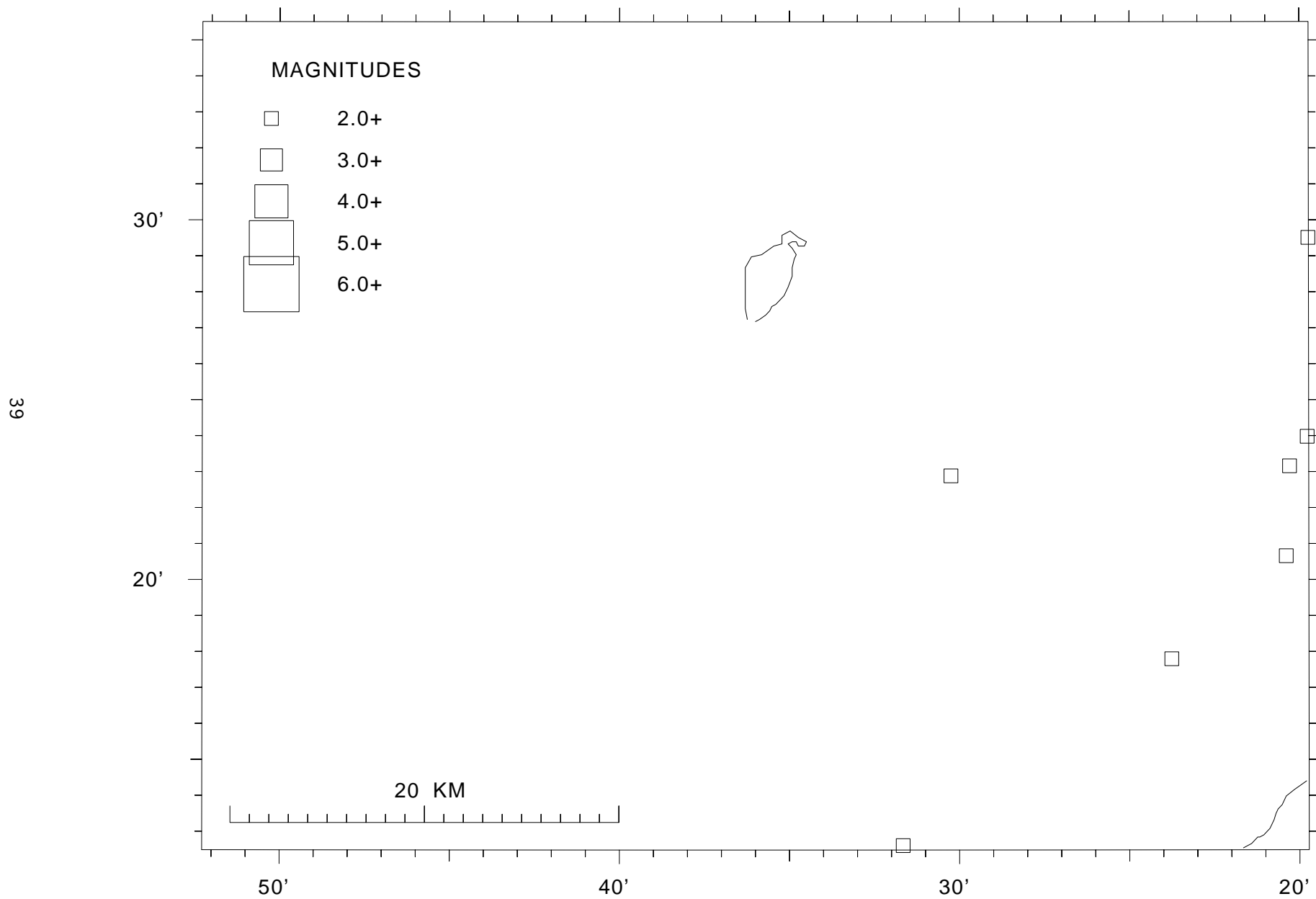


Table 4 is a chronological list of selected events successfully located during 2000. For each event, the following data are presented:

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

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

DEPTH - Depth of focus in kilometers.

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

NS - Number of S readings with final weights > 0.1

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

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

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

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

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

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

NRD - The total weight of amplitude magnitude readings from contributing stations.

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

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

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

Table 4.

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN							
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2000	JAN	1	0938	29.62	19	12.36	155	33.12	8.60	41	.13	.5	.6	LSW	2.5X	204	7
2000	JAN	1	0959	36.48	19	12.16	155	32.96	7.38	24	.12	.7	.9	LSW	1.5X	233	7
2000	JAN	1	1006	21.08	19	25.34	155	19.22	7.54	40	.10	.3	.5	KAO	1.9X	46	3
2000	JAN	1	1030	32.09	19	22.81	155	14.54	3.92	25	.12	.4	.6	SEC	1.8X	130	2
2000	JAN	1	1149	46.78	19	22.38	155	28.49	10.45	27	.09	.4	.6	KAO	1.6X	63	2
2000	JAN	1	1204	58.06	19	12.64	155	33.14	7.48	27	.09	.6	.9	LSW	1.6X	177	7
2000	JAN	1	2130	12.83	19	18.17	155	13.08	8.43	29	.11	.6	.8	SF2	1.4X	151	9
2000	JAN	2	0518	28.58	19	19.47	155	13.39	9.05	30	.13	.5	.6	SF2	2.1X	123	7
2000	JAN	2	0529	46.75	19	19.42	155	13.23	9.34	22	.11	.6	.8	SF2	1.4X	132	7
2000	JAN	2	1424	20.60	19	12.36	155	32.82	8.50	33	.10	.6	.8	LSW	2.1X	178	7
2000	JAN	3	0447	52.49	19	29.22	156	1.60	8.66	19	.12	1.8	.6	KON	1.6X	255	11
2000	JAN	3	1836	58.86	19	16.96	155	34.10	11.35	28	.10	.4	.7	LSW	1.9X	120	8
2000	JAN	3	2142	47.33	19	56.15	155	29.63	21.10	26	.10	.9	1.2	KEA	1.8X	222	17
2000	JAN	4	0930	25.57	19	11.22	155	39.61	9.17	28	.17	.5	1.1	LSW	2.6X	104	12
2000	JAN	5	0718	44.98	19	17.24	155	30.34	9.88	27	.10	.4	.7	LSW	2.1X	68	4
2000	JAN	5	1425	39.32	19	15.67	155	6.26	45.59	25	.12	1.6	1.1	DEP	1.9X	229	4
2000	JAN	5	1808	39.26	19	20.40	155	12.60	7.28	21	.12	.7	1.0	SF2	1.8X	171	6
2000	JAN	6	0818	7.64	19	21.43	155	5.92	9.43	20	.09	.7	.5	SF4	1.7X	145	5
2000	JAN	6	1956	42.49	19	23.56	155	30.35	9.49	27	.07	.4	.9	KAO	2.3X	73	5
2000	JAN	7	0854	43.87	19	6.29	155	28.07	31.88	32	.10	.8	1.1	DLS	2.0X	178	16
2000	JAN	7	0900	16.86	19	23.33	155	14.93	3.90	16	.09	.5	.6	SEC	2.3X	140	2
2000	JAN	7	1129	10.69	19	7.95	155	35.92	12.69	15	.16	1.0	.8	LSW	1.1X	218	17
2000	JAN	8	0704	17.33	19	18.73	155	48.53	10.85	21	.13	.5	.7	KON	1.6X	97	8
2000	JAN	8	1056	22.83	19	49.73	155	31.09	22.86	22	.11	.9	2.1	KEA	1.1X	146	8
2000	JAN	8	1232	35.97	19	23.22	155	14.85	3.16	17	.07	.3	.4	SEC	1.8X	106	2
2000	JAN	8	1355	31.54	19	19.16	155	13.21	4.07	19	.09	.5	2.9	SSF	1.2X	148	8
2000	JAN	8	1751	1.56	19	25.56	155	14.61	6.87	8	.08	4.6	3.0	INT L	1.9X	264	4
2000	JAN	8	1914	3.59	19	23.06	155	15.17	3.71	15	.10	.5	.5	SEC	2.3X	131	2
2000	JAN	9	0146	13.23	19	58.34	155	24.57	10.73	19	.15	.9	.6	KEA	1.7X	207	11
2000	JAN	9	1113	59.38	19	11.06	155	28.22	0.51	38	.14	.7	.3	LSW	1.5X	193	8
2000	JAN	9	1145	24.16	19	10.89	155	28.10	0.01	26	.16	1.0	.5	LSW	1.3X	212	9
2000	JAN	9	1228	17.99	19	59.37	155	25.13	8.45	23	.17	1.0	.8	KEA	1.6X	211	14
2000	JAN	10	0000	40.91	19	46.95	156	11.80	39.56	34	.12	1.0	1.4	HUA	2.3X	259	39
2000	JAN	10	0728	57.16	19	15.59	155	27.09	9.13	28	.14	.5	.8	LSW	1.7X	147	5
2000	JAN	10	0927	45.89	19	22.71	155	16.11	6.92	21	.10	.6	.4	INT L	2.4X	106	1
2000	JAN	10	2037	5.99	19	14.06	155	26.33	8.71	36	.11	.5	.7	LSW	1.8X	138	4
2000	JAN	11	0008	7.71	19	17.38	155	23.79	6.05	26	.15	.4	1.1	SWR	1.7X	102	5
2000	JAN	11	0216	10.73	19	20.29	155	12.63	5.83	25	.11	.6	1.0	SF2	1.3X	191	6
2000	JAN	11	0338	54.58	20	0.77	155	24.34	9.89	34	.12	.9	.5	KEA	2.5X	267	15
2000	JAN	11	1006	17.71	19	19.57	155	13.60	6.87	21	.09	.5	.9	SF2	1.5X	131	7
2000	JAN	11	1824	28.17	19	59.48	155	19.77	9.76	29	.12	1.4	.5	KEA	1.9X	261	11
2000	JAN	12	0134	1.55	19	29.54	155	26.89	7.91	44	.14	.3	.8	KAO	2.9X	71	6
2000	JAN	12	0218	31.80	18	59.08	155	17.89	12.94	19	.13	2.1	.7	LOI T		284	30
2000	JAN	12	0249	32.92	18	53.60	155	15.87	9.40	24	.10	1.3	.9	LOI T		276	41
2000	JAN	12	0444	34.70	19	23.23	155	2.59	7.20	22	.15	.8	.9	SF5	1.3X	159	8
2000	JAN	12	0520	14.77	19	14.50	155	26.95	10.90	17	.11	.7	1.1	LSW	1.0X	180	5
2000	JAN	20	0947	45.09	19	59.34	155	21.51	10.83	20	.12	1.2	.4	KEA	1.6X	285	11
2000	JAN	20	0932	41.26	20	3.21	155	33.88	35.64	19	.09	1.6	1.2	KEA	2.0X	271	24
2000	JAN	20	1019	51.43	19	36.47	156	25.07	7.63	20	.11	1.3	1.5	DIS	2.0X	304	54
2000	JAN	20	1252	51.75	19	17.99	155	13.08	0.05	19	.09	.4	.3	SSF	1.2X	154	9
2000	JAN	12	0603	16.80	19	23.87	155	15.08	4.68	16	.08	1.4	.6	SEC	1.6X	260	3
2000	JAN	12	0747	5.29	19	28.46	155	27.45	7.06	20	.11	.4	1.6	KAO	1.2X	57	8
2000	JAN	12	1755	2.85	19	30.88	155	53.41	0.58	13	.11	1.5	.9	KON B		240	13
2000	JAN	12	2112	21.34	19	18.22	155	7.71	0.44	31	.12	.7	.4	SSF	1.9X	206	8
2000	JAN	13	1551	35.32	19	25.39	155	19.95	6.28	31	.09	.4	.8	KAO	1.8X	90	4
2000	JAN	13	1649	17.45	19	24.66	155	18.00	10.31	16	.10	1.1	1.1	INT L	1.5X	69	2
2000	JAN	13	1849	7.49	19	26.79	155	25.73	2.64	21	.14	.4	1.2	KAO	1.5X	55	7
2000	JAN	14	0152	31.83	19	19.19	155	46.62	11.36	37	.13	.4	.5	KON	2.0X	82	12
2000	JAN	14	0157	15.34	19	11.23	155	38.01	8.02	21	.13	.6	.9	LSW	1.1U	113	7
2000	JAN	14	1509	27.34	19	23.77	155	15.05	2.24	22	.11	.3	.3	SEC L	2.2X	103	2
2000	JAN	15	0502	43.76	19	31.25	155	56.62	12.76	20	.11	1.4	.5	KON	1.9X	226	5
2000	JAN	15	0531	32.77	19	24.28	155	17.15	15.76	22	.12	.8	.6	DEP	1.3X	83	1
2000	JAN	15	1219	7.44	19	54.72	155	20.53	9.64	14	.11	1.7	.6	KEA	1.6X	311	2
2000	JAN	15	1750	7.47	19	52.74	155	15.86	17.95	26	.10	.9	1.5	KEA	1.7X	230	8
2000	JAN	15	2230	54.62	19	31.49	155	47.75	9.83	26	.12	.5	.6	KON	2.0X	94	4
2000	JAN	15	2327	41.88	19	17.68	155	30.55	10.54	26	.11	.4	.7	LSW	1.3X	69	5
2000	JAN	16	0523	5.34	19	12.75	155	30.43	6.49	28	.13	.7	.9	LSW	1.5X	137	4
2000	JAN	16	1011	6.62	19	12.35	155	21.34	35.35	27	.09	1.1	1.3	DEP	1.5X	214	6
2000	JAN	16	1111	50.05	19	23.45	155	14.95	3.77	25	.12	.4	.5	SEC F	2.4X	129	3
2000	JAN	16	1604	55.99	19	22.89	155	30.25	48.89	48	.12	.6	.7	DML	2.1X	34	5
2000	JAN	16	2306	22.57	19	24.84	155	17.12	11.01	11	.08	1.4	1.1	INT L	2.5X	101	0
2000	JAN	17	0840	44.12	18	33.65	155	40.39	6.06	13	.12	9.4	12.0	DIS		334	76
2000	JAN	17	1222	49.17	19	30.07	155	22.75	12.98	21	.09	.5	.7	MLO	1.7X	97	1
2000	JAN	17	1549	5.04	19	25.24	155	17.03	8.60	26	.12	.6	.5	INT L	1.8X	147	1
2000	JAN	17	1613	46.28	19	19.87	155	14.95	43.85	24	.11	1.2	1.8	DEP	1.8X	128	4
2000	JAN	18	0328	37.33	19	46.74	155	33.99	14.49	25	.14	.7	.5	KEA	1.7X	171	11
2000	JAN	18	0441	33.08	19	19.33	155	14.07	7.11	30	.11	.4	.9	SF2	1.4X	135	7
2000	JAN	18	0823	5.46	19	16.66	155	27.37	7.37	30	.16	.5	1.1	LSW	1.5X	113	6
2000	JAN	18	1216	22.89	19	19.55	155	12.65	4.74	10	.06	.8	7.2	SSF	1.0X	209	7
2000	JAN	18	1338	35.31	19	46.80	155	40.57	13.24	16	.11	.6	.6	KEA	1.6X	130	9
2000	JAN	18	1433	22.27	19	0.44	155	23.62	39.54	26	.10	1.2	1.4	LOI	1.5X	224	26
2000	JAN	18	1800	6.07	19	27.16	155	13.54	1.60	21	.11	.4	.8	GLN L	2.0X	182	7
2000	JAN	18	2102	37.16	20	20.11	156	44.									

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	RD	SEC	KM	KM	REMK	MAG	GAP	DS	DS
2000	JAN	20	1527	29.78	19	20.99	155	4.89	8.55	30	.10	.6	.5	SF5	2.1X	165	6				
2000	JAN	20	1553	11.81	19	48.40	155	23.46	26.08	14	.08	.9	1.2	KEA	1.2X	144	8				
2000	JAN	20	1728	21.30	19	23.94	155	17.54	2.75	9	.11	.7	.5	INT L	2.2X	102	2				
2000	JAN	20	1736	12.37	19	26.09	155	15.19	7.26	12	.12	2.4	1.0	INT L	1.9X	255	4				
2000	JAN	20	1745	59.66	19	25.07	155	17.56	10.81	11	.05	1.9	1.0	INT L	1.9X	112	1				
2000	JAN	20	1753	31.80	19	24.38	155	17.42	9.42	9	.08	2.0	1.3	INT L	1.8X	91	1				
2000	JAN	20	1813	52.11	19	2.69	155	18.79	43.46	22	.09	1.3	1.5	LOI	1.3X	225	23				
2000	JAN	20	1824	50.47	19	24.82	155	16.79	9.55	11	.09	2.0	.8	INT L	2.1X	211	0				
2000	JAN	20	1909	10.61	19	23.82	155	17.04	6.05	11	.08	1.8	1.1	INT L	1.5X	97	1				
2000	JAN	20	1948	18.39	19	29.87	155	27.00	2.55	12	.10	.6	1.6	KAO	1.2X	108	6				
2000	JAN	20	2016	55.64	19	25.49	155	16.74	9.37	11	.08	2.3	1.0	INT L	1.7X	220	1				
2000	JAN	20	2119	17.57	19	50.56	155	32.23	19.61	17	.11	.7	1.4	KEA	1.6U	156	11				
2000	JAN	20	2250	18.02	19	20.13	155	11.20	5.31	12	.07	.5	1.8	SF3	1.3X	121	4				
2000	JAN	21	0136	3.80	19	23.58	155	16.58	3.29	22	.13	.4	.2	SFC	2.4X	85	1				
2000	JAN	21	0255	59.34	19	26.72	155	28.88	10.68	14	.11	.6	1.4	KAO	1.2X	81	8				
2000	JAN	21	0446	49.50	19	25.27	155	29.24	10.51	23	.10	.4	.6	KAO	1.1X	61	6				
2000	JAN	21	1908	12.50	19	20.94	155	13.14	9.47	29	.12	.4	.4	SF2	2.1X	112	6				
2000	JAN	22	0040	26.19	19	36.68	155	53.35	24.13	20	.09	1.2	1.1	KON	2.3X	199	10				
2000	JAN	22	0433	42.14	19	20.08	155	21.13	31.55	28	.13	.9	1.3	DEP	1.9X	75	4				
2000	JAN	22	0832	53.07	19	23.64	155	15.09	3.11	22	.11	.4	.4	SEC	2.4X	135	3				
2000	JAN	22	1038	52.08	19	19.44	155	13.40	7.73	24	.12	.6	1.1	SF2	1.2X	132	7				
2000	JAN	22	1311	36.26	19	19.70	155	10.85	7.36	32	.11	.5	.8	SF3	1.5X	117	5				
2000	JAN	22	1740	54.80	19	27.49	155	20.21	9.89	26	.14	.9	.6	KEA	1.7X	173	8				
2000	JAN	22	1819	44.05	19	17.19	154	53.81	0.01	9	.14	1.6	1.0	SLE	#	2.2X	162	5			
2000	JAN	22	1828	46.55	19	28.16	154	52.29	5.59	23	.12	1.4	1.0	ERF	2.3X	172	2				
2000	JAN	22	1944	50.38	19	20.45	155	13.53	6.46	20	.12	.6	1.1	SF2	1.3X	119	5				
2000	JAN	22	2306	27.64	19	22.98	155	14.44	3.72	12	.08	.5	.6	SEC	1.6X	151	3				
2000	JAN	23	0315	39.26	20	0.68	155	17.74	13.57	24	.17	1.4	.7	1.2	SF4	1.3X	141	5			
2000	JAN	23	0715	52.08	19	17.42	155	49.69	11.60	21	.12	.6	.5	KON	1.6X	119	5				
2000	JAN	23	1105	41.86	19	23.78	155	25.42	11.13	25	.11	.4	.8	KAO	1.2X	61	5				
2000	JAN	23	1114	39.32	19	25.63	155	13.96	10.07	26	.12	.6	.5	SF2 L	2.4X	103	2				
2000	JAN	24	0706	53.68	19	20.66	155	20.39	31.89	35	.11	.6	.9	DEP	2.1X	61	5				
2000	JAN	24	1734	52.59	19	20.69	155	6.69	6.39	14	.14	.7	1.2	SF4	1.3X	141	5				
2000	JAN	25	0215	16.40	19	20.85	155	6.61	6.31	19	.10	.5	.8	SF4	1.0X	141	5				
2000	JAN	25	0345	4.85	19	10.74	155	41.03	12.67	20	.11	.7	.5	LSW	1.4X	174	9				
2000	JAN	25	0348	13.95	19	14.91	155	31.74	8.48	26	.16	.5	.8	LSW	1.5X	154	3				
2000	JAN	25	0552	24.03	19	20.52	155	47.66	11.54	17	.09	.5	1.0	KON	1.6U	129	12				
2000	JAN	25	1632	30.03	19	22.92	155	30.49	14.00	19	.10	.6	1.0	DML	1.3X	75	5				
2000	JAN	25	2233	6.77	19	21.12	155	11.29	7.83	23	.12	.6	.9	SF3	1.9X	107	3				
2000	JAN	26	0134	42.57	19	26.03	155	29.74	12.78	21	.12	.5	.7	KAO	1.5X	58	6				
2000	JAN	26	0458	25.13	19	17.50	156	28.34	38.25	32	.11	2.0	2.0	DIS	2.5X	302	62				
2000	JAN	26	0614	17.68	19	22.51	155	30.01	12.94	15	.11	.6	1.3	KAO	1.5X	77	4				
2000	JAN	26	0729	19.10	19	49.90	155	54.47	24.64	16	.11	1.3	1.1	HUA	1.6X	288	18				
2000	JAN	26	1516	37.27	19	12.05	155	36.63	8.43	38	.19	.7	.9	LSW	2.7X	115	5				
2000	JAN	26	1539	2.21	19	12.08	155	36.93	10.24	30	.20	.6	.9	LSW	1.8X	114	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	RD	SEC	KM	KM	REMK	MAG	GAP	DS	DS
2000	JAN	26	1630	33.83	19	40.13	156	18.39	11.92	22	.12	2.7	2.5	HUA	2.5X	297	45				
2000	JAN	26	2147	54.53	19	26.04	155	20.40	3.65	10	.07	.6	.8	KAO	1.5X	113	3				
2000	JAN	26	2235	37.86	19	26.31	155	20.06	3.84	12	.10	.7	.8	KAO	1.9X	136	3				
2000	JAN	27	0052	44.84	19	19.83	155	8.85	7.50	18	.07	.7	.6	SF4	1.4X	198	4				
2000	JAN	27	0136	46.16	19	14.64	155	12.29	43.81	10	.07	2.2	1.1	DEP	1.8X	292	13				
2000	JAN	27	0302	53.43	19	15.40	155	54.31	14.19	30	.10	1.0	.4	KON	2.3X	217	4				
2000	JAN	27	2333	42.19	19	16.51	155	28.91	10.18	45	.15	.4	.5	LSW F	4.1U	96	3				
2000	JAN	27	2341	52.11	19	16.67	155	29.19	9.55	40	.14	.4	.7	LSW	2.1X	95	3				
2000	JAN	28	0058	45.94	19	16.36	155	28.56	9.85	22	.11	.4	.7	LSW	1.3X	115	4				
2000	JAN	28	0122	36.42	19	19.44	155	11.99	6.88	32	.11	.4	.9	SF3	1.5X	128	6				
2000	JAN	28	0557	22.94	19	20.41	155	7.36	7.84	25	.10	.6	.7	SF4	1.5X	131	5				
2000	JAN	28	0752	29.04	19	25.48	155	20.39	7.23	21	.12	.4	1.0	KAO	1.5X	91	4				
2000	JAN	28	1219	22.19	19	29.15	155	52.50	8.30	29	.20	.6	.7	KON	2.0X	95	5				
2000	JAN	28	2326	19.62	19	31.51	155	56.55	33.67	19	.10	1.5	.8	KON	1.6X	226	19				
2000	JAN	29	0019	26.60	19	28.62	155	24.56	10.02	15	.09	.6	.9	KAO	1.2X	75	3				
2000	JAN	29	0158	53.33	18	57.61	155	19.64	41.00	36	.13	1.1	1.2	LOI	2.3X	239	32				
2000	JAN	29	0804	4.59	19	27.55	155	24.90	8.71	26	.11	.4	.9	KAO	1.7X	57	5				
2000	JAN	29	1130	1.86	19	19.67	155	9.08	8.06	12	.07	.7	1.4	SFC	1.6X	135	5				
2000	JAN	30	0023	15.18	19	25.97	155	17.08	4.94	11	.11	1.5	.7	KAO	2.2X	219	1				
2000	JAN	30	0044	33.59	19	24.26	155	18.13	8.31	11	.08	1.6	1.5	INT L	2.2X	88	2				
2000	JAN	30	0131	33.44	19	24.17	155	15.04	9.80	19	.11	1.0	.4	INT L	2.1X	123	3				
2000	JAN	30	0543	32.49	19	13.00	155	32.69	8.84	34	.13	.6	.4	LSW	2.0X	174	6				
2000	JAN	30	1125	48.58	19	24.24	155	29.38	10.56	26	.11	.4	.7	KAO	1.4X	67	4				
2000	JAN	30	1257	26.42	19	24.03	155	16.68	26.28	8	.09	2.4	4.8	DEP T	153	3					
2000	JAN	30	2056	15.56	19	27.11	155	15.75	23.69	43	.12	.6	.6	DEP	2.4X	105	2				
2000	JAN	31	0520	36.15	19	29.82	155	27.71	24.78	29	.12	.5	.9	DML	1.8X	75	8				
2000	JAN	31	1721	19.62	19	20.25	155	13.25	6.88	17	.09	.6	1.0</								

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
2000	FEB	3	1836	31.11	19	17.52	155	14.15	10.86	13	.09	.9	1.3	SF2	1.1X 185 8
2000	FEB	3	1911	12.82	19	21.43	155	12.80	9.96	29	.12	.6	.5	SF2	1.9X 106 2
2000	FEB	3	2006	19.56	19	24.01	155	15.65	3.26	25	.08	.3	.3	SEC	2.2X 94 2
2000	FEB	4	0053	16.39	19	16.35	155	28.09	10.56	34	.13	.3	.4	LSW	3.0X 96 4
2000	FEB	4	0055	6.84	19	16.49	155	28.11	9.96	37	.13	.4	.5	LSW	2.4X 115 4
2000	FEB	4	0303	21.76	20	2.62	155	29.91	9.03	29	.10	.9	.6	KEA F	2.1X 208 24
2000	FEB	4	0539	17.73	19	17.80	155	14.12	9.95	14	.07	.6	1.0	SF2	1.2X 169 8
2000	FEB	4	0555	6.35	19	17.71	155	14.07	10.20	14	.08	.8	1.0	SF2	1.0X 170 8
2000	FEB	4	1147	34.52	19	28.69	155	47.78	27.02	4	.0611	3.7	7.0	KON T-	328 20
2000	FEB	4	1705	20.48	19	24.20	155	17.58	14.17	11	.11	2.6	1.2	DEP L	2.2X 139 2
2000	FEB	4	1800	52.60	19	26.06	155	53.26	14.08	16	.08	.7	.6	KON	1.7U 158 7
2000	FEB	4	1827	56.42	19	10.62	155	28.23	34.15	22	.09	.9	2.6	DLS	1.4X 154 10
2000	FEB	5	0048	56.19	19	18.02	155	14.24	8.81	16	.10	.7	1.3	SF2	1.3X 166 8
2000	FEB	5	0939	45.25	19	23.50	155	17.28	6.70	10	.05	.8	1.0	INT L	2.2X 124 1
2000	FEB	5	0955	52.52	19	23.91	155	17.40	9.03	11	.10	1.1	1.3	INT L	2.0X 116 1
2000	FEB	5	1013	1.68	19	26.88	155	15.04	11.80	25	.12	1.0	.6	INT L	1.7X 171 5
2000	FEB	5	1013	13.41	19	23.97	155	16.93	10.22	25	.10	.5	.5	INT L	1.8X 107 1
2000	FEB	5	1121	12.31	19	24.13	155	16.54	9.72	14	.13	1.7	.9	INT L	2.1X 143 0
2000	FEB	5	1139	33.45	19	8.66	155	20.72	51.86	35	.10	1.1	1.1	LOI	2.1X 188 12
2000	FEB	5	1533	35.71	19	26.33	155	14.75	37.65	27	.12	1.5	.9	DEP L	1.9X 167 5
2000	FEB	5	1800	59.25	19	38.80	156	31.26	54.50	9	.07	4.0	4.7	DIS	1.7U 325 66
2000	FEB	5	2254	12.38	19	20.49	155	10.89	9.11	20	.11	.6	.9	SF3	1.7X 106 3
2000	FEB	6	0240	14.02	19	20.29	156	4.17	42.27	16	.06	1.8	.9	KON	2.1U 281 22
2000	FEB	6	1358	19.39	19	21.62	155	5.66	6.46	23	.12	.9	.7	SF4	1.0X 230 5
2000	FEB	6	1450	22.45	19	29.31	155	34.01	16.55	15	.08	.8	.8	DML	1.4X 73 3
2000	FEB	6	2230	53.04	19	42.13	155	7.27	44.71	36	.12	.9	1.1	HIL	2.0X 202 31
2000	FEB	7	0135	48.62	20	7.30	156	29.96	2.60	13	.12	3.8	1.3	DIS	2.6U 235 59
2000	FEB	7	1507	47.23	19	22.57	155	14.89	2.26	12	.13	.5	.5	SEC	1.5X 128 2
2000	FEB	7	1615	48.50	19	22.71	155	15.43	2.93	12	.07	.4	.3	SEC	1.5X 119 1
2000	FEB	7	2220	32.68	19	26.51	155	21.71	10.65	14	.10	.9	1.6	KAO	1.4X 74 3
2000	FEB	7	2222	4.00	19	13.87	155	27.46	10.15	13	.09	.7	1.1	LSW	.9X 175 6
2000	FEB	8	0445	11.58	19	27.10	155	24.18	1.17	10	.14	.6	1.0	KAO	1.3X 157 5
2000	FEB	8	0715	5.78	19	20.68	156	3.31	41.83	31	.08	1.2	.8	KON F	2.9X 268 21
2000	FEB	8	0853	5.02	19	25.38	155	29.21	8.73	14	.07	.5	1.2	KAO	1.1X 70 6
2000	FEB	8	0856	47.94	19	19.52	155	15.53	7.82	20	.13	.8	.6	SF1	1.4U 174 3
2000	FEB	8	1033	9.62	19	19.76	155	12.56	9.03	30	.11	.5	.5	SF2	2.5X 135 5
2000	FEB	9	0004	33.51	19	26.32	155	28.19	8.22	12	.09	.6	1.3	KAO	1.0X 160 7
2000	FEB	9	0051	3.19	18	60.00	154	59.13	47.46	15	.13	3.4	2.3	DIS	1.4X 293 46
2000	FEB	9	0334	56.98	19	16.07	155	27.69	8.48	13	.11	.6	1.0	LSW	1.4X 131 5
2000	FEB	9	0435	20.27	19	20.55	155	12.98	8.47	27	.11	.5	.6	SF2	1.9X 117 4
2000	FEB	9	0553	23.27	19	12.94	155	26.24	37.91	18	.12	1.1	1.2	DLS	1.4X 203 5
2000	FEB	9	0937	45.44	19	23.36	155	14.65	4.05	10	.08	.5	.6	SEC	1.4X 160 3
2000	FEB	9	1206	42.37	18	53.51	155	7.32	47.21	23	.10	2.8	2.5	LOI	1.7X 312 48
2000	FEB	9	1319	43.23	19	28.03	155	37.02	13.95	17	.14	.8	.5	DML T	.97 2
2000	FEB	9	1831	34.33	19	25.65	155	23.20	11.50	26	.08	.4	.8	KAO	2.0X 47 6

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN					
YEAR	MON DA HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS
2000	FEB	9	1926	49.95	19	31.33	155	22.41	13.94	15	.09	1.6	.9	DML	1.3X 226 3
2000	FEB	10	0223	56.54	19	17.68	155	46.85	8.40	13	.05	.8	1.6	KAO	1.4U 167 10
2000	FEB	10	0619	52.41	19	23.18	155	22.55	10.59	15	.05	.4	1.1	KAO	1.0X 74 6
2000	FEB	10	0737	0.74	19	18.51	155	14.83	6.58	14	.08	.9	1.2	SF1	1.2X 193 7
2000	FEB	10	0817	21.21	19	45.28	156	9.91	34.38	19	.09	1.5	1.6	HUA	2.0X 287 39
2000	FEB	10	1114	23.86	19	16.69	155	28.61	11.61	26	.10	.4	.8	LSW	1.7X 104 4
2000	FEB	10	1647	54.60	19	11.87	155	25.65	21.04	24	.15	1.8	2.0	DLS T	1.4X 215 5
2000	FEB	10	1841	14.37	19	19.72	155	6.12	7.65	23	.10	.6	.7	SF4	1.3X 165 5
2000	FEB	11	0534	15.31	19	51.23	155	2.51	12.46	29	.11	1.1	1.2	KEA	1.4X 254 32
2000	FEB	11	0736	6.21	19	20.28	155	13.19	8.01	25	.13	.5	.8	SF2	1.2X 120 4
2000	FEB	11	0849	52.49	19	42.53	156	6.72	31.34	26	.09	.9	1.9	HUA	2.0U 230 32
2000	FEB	11	1409	11.82	19	47.39	155	10.19	6.58	21	.11	.6	1.0	SF3	1.5X 105 3
2000	FEB	11	1719	55.82	19	34.48	156	13.98	22.07	35	.10	1.2	2.0	KON F	3.3X 220 24
2000	FEB	12	0258	51.60	19	25.24	155	19.66	7.04	15	.14	.7	1.8	KAO	1.4X 69 4
2000	FEB	12	0336	51.38	19	14.16	155	34.05	8.91	30	.12	.6	.4	LSW	2.0X 113 6
2000	FEB	12	0646	33.34	18	49.70	155	15.52	25.09	12	.0910	9	8.5	LOI T-	2.6X 307 48
2000	FEB	12	1624	49.56	19	47.39	155	35.71	4.23	14	.16	.6	8.7	KEA	3.0U 108 10
2000	FEB	12	2233	56.64	19	20.06	155	7.33	47.01	44	.11	.8	.5	DEP	2.7X 135 5
2000	FEB	12	2338	19.62	19	19.81	155	10.93	8.30	20	.07	.5	.6	SF3	1.2X 125 5
2000	FEB	13	0202	54.53	20	9.05	155	55.74	31.76	48	.11	.6	.8	KOH	3.3X 134 5
2000	FEB	13	0802	44.47	19	16.94	155	29.18	0.71	24	.11	.3	.4	LSW	1.1X 127 10
2000	FEB	13	0821	4.69	19	23.07	155	40.78	26.39	17	.06	.7	.9	DML	1.8U 82 3
2000	FEB	13	1322	31.38	19	19.11	155	15.22	7.75	26	.11	.5	.8	SF1	1.3X 137 4
2000	FEB	13	1401	32.20	19	50.87	156	5.02	45.07	26	.09	1.4	1.7	HUA	2.1X 185 31
2000	FEB	13	2326	34.93	19	21.51	155	9.65	3.44	13	.06	.7	.4	SER	1.3X 90 1
2000	FEB	14	0138	21.10	19	27.87	155	53.15	12.40	18	.12	1.2	.5	KON	1.9X 132 4
2000	FEB	14	0139	22.01	19	31.32	155	57.17	18.74	12	.10	2.3	1.4	KON	1.8U 230 5
2000	FEB	14	0252	45.03	19	20.04	155	10.94	10.01	22	.10	1.0	.7	SF3	1.9X 180 4
2000	FEB	14	0336	8.14	19	15.80	155	29.03	9.76	23	.15	.6	.7	LSW	1.5X 129 2
2000	FEB	14	0626	55.69	19	23.32	155	18.17	11.22	11	.26	1.5	2.5	INT L	2.5X 93 3
2000	FEB	14	0936	6.37	19	20.70	155	18.60	27.85	18	.12	1.2	1.4	DEP	1.2X 71 2
2000	FEB	14	1056	6.89	19	19.85	155	12.02	8.46	22	.13	.6	1.0	SF3	1.4X 123 5
2000	FEB	14	1222	28.35	19	23.50	155	16.42	31.01	34	.11	.7	1.0	DEP	2.3X 66 1
2000	FEB	14	2341	40.05	19	24.55	155	17.30	11.51	13	.07	.7	1.0	INT L	1.6X 80 1
2000	FEB	15	0011	57.49	19	19.65	155	24.78	10.39	16	.10	.6	1.0	SWR	1.8U 91 3
2000	FEB	15	0038	24.50	20	24.07	155	46.70	25.31	17	.13	2.3	5.0	KOH	2.4U 200 61
2000	FEB	15	0454	16.41	19	15.77	155	21.63	8.49	17	.09	.9	1.2	SWR	.6X 186 5
2000	FEB	15	0556	14.46	19	17.54	155	4.67	0.04	6	.24	3.5	7.7	SSF E#	.8X 231 6
2000	FEB	15	1144	51.30	19	23.45	155	17.06	2.35	9	.12	.7	.4	SSC	1.4X 109 1
2000	FEB	15	1234	46.71	19	15.23	155	32.15	6.88	19	.19	.8	1.2	LSW	1.2X 177 4
2000	FEB	15	1311	32.27	19	25.3									

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN			
YEAR	MON DA HRMN SEC	DEG MIN	DEG MIN	DEG MIN	DEG MIN	KM	KM	KM	KM	KM	KM		
2000	FEB 20 2054	33.75	20	0.73	155	30.67	41.20	18	.10	1.7	1.0	KEA	1.7X 263 22
2000	FEB 20 2057	13.89	19	22.84	155	20.08	1.52	9	0.8	7	1.2	KAO L	1.8X 241 6
2000	FEB 20 2146	19.38	19	19.91	155	11.50	9.11	13	.05	.6	1.1	SF3	1.7X 127 5
2000	FEB 21 0159	5.07	19	20.08	155	12.04	7.89	21	.10	.6	.8	SF3	2.0X 127 5
2000	FEB 21 0435	43.65	19	18.60	155	50.09	0.26	12	.14	1.1	.7	KON	1.9U 141 6
2000	FEB 21 0935	28.82	19	20.21	155	11.46	8.45	18	.07	.6	.9	SF3	1.6X 122 4
2000	FEB 21 1246	37.56	19	23.90	155	16.62	6.50	10	.12	1.3	1.0	INT L	1.6X 90 0
2000	FEB 21 1441	40.09	19	23.38	155	27.17	10.25	21	.09	.5	.8	KAO L	1.2X 52 2
2000	FEB 21 1808	1.77	19	23.75	155	17.96	7.52	14	.09	.9	.8	INT L	1.9X 85 2
2000	FEB 22 0102	48.56	19	16.98	155	6.49	44.31	26	.12	1.1	1.0	DEP	2.5X 217 3
2000	FEB 22 0251	14.42	19	12.06	155	37.96	7.95	30	.17	.6	.8	LSW	2.6U 109 5
2000	FEB 22 0321	18.64	19	23.07	155	19.03	0.27	9	.19	7	1.0	KAO L	2.3U 155 5
2000	FEB 22 0429	29.59	19	20.09	155	16.68	33.30	22	.10	1.0	1.0	DEP	1.9X 114 4
2000	FEB 22 0545	1.46	19	9.76	155	21.71	38.82	12	.07	2.3	1.2	LOI	1.3X 283 9
2000	FEB 22 0908	16.62	19	29.16	155	43.67	11.30	27	.12	.5	.6	KON	2.0X 67 13
2000	FEB 22 1048	51.31	19	23.35	155	17.01	2.70	12	.07	.3	.4	SSC	1.3X 102 1
2000	FEB 22 1251	13.54	19	20.27	155	16.16	32.58	24	.08	.9	.9	DEP	2.2X 116 2
2000	FEB 22 1356	53.29	19	13.15	155	15.25	32.61	16	.07	1.9	.8	DEP	.9X 267 11
2000	FEB 22 1557	47.30	19	11.71	155	15.90	12.28	.10	1.5	1.0	DEP	2.1X 213 12	
2000	FEB 22 1916	56.32	19	24.62	155	17.67	11.24	10	.06	1.8	.9	INT L	2.1X 89 1
2000	FEB 22 2041	29.28	19	19.66	155	51.37	7.66	16	.11	.6	1.2	KON	1.5X 146 7
2000	FEB 22 2052	56.61	19	22.90	155	30.19	8.94	20	.10	.6	.9	KAO	1.6X 107 5
2000	FEB 23 0421	5.46	19	17.77	155	30.64	9.00	15	.10	.5	1.0	LSW	1.0X 97 5
2000	FEB 23 1030	35.81	20	6.85	155	47.28	23.20	.08	1.0	1.0	KOH	2.0X 118 2	
2000	FEB 23 1117	15.93	19	24.74	155	15.05	6.97	11	.17	1.2	1.1	INT L	2.2X 155 1
2000	FEB 23 1201	9.02	19	24.08	155	17.85	13.73	10	.19	1.4	2.1	DEP L	2.1X 89 2
2000	FEB 23 1251	3.82	19	24.96	155	17.28	10.92	11	.12	1.3	1.4	INT L	1.5X 129 1
2000	FEB 23 1255	18.83	19	38.07	156	21.78	10.68	10	.10	8.110.9	DIS	- 1.5U 315 55	
2000	FEB 23 1314	12.07	19	26.68	155	53.48	14.28	33	.09	.5	.3	KON F	3.1X 157 6
2000	FEB 23 1341	59.48	19	22.37	155	14.01	1.77	8	.09	1.4	1.9	SEC	1.0X 198 2
2000	FEB 23 1342	2.25	19	22.06	155	13.46	3.35	14	.05	.4	.4	SER	1.7X 142 1
2000	FEB 23 1343	1.51	19	21.96	155	13.44	2.91	9	.03	.8	.5	SER	1.5U 219 1
2000	FEB 23 1343	11.66	19	22.65	155	13.40	3.54	13	.09	.6	.4	SER	1.5X 128 1
2000	FEB 23 1344	55.32	19	22.06	155	13.41	3.42	12	.08	.5	.6	SER	1.1X 142 1
2000	FEB 23 1345	9.73	19	22.09	155	13.98	2.58	11	.12	.5	.6	SEC	1.2X 149 2
2000	FEB 23 1345	19.35	19	22.33	155	13.53	3.11	11	.09	.5	.4	SER	1.4X 145 1
2000	FEB 23 1347	11.48	19	22.41	155	14.19	3.26	14	.07	.4	.4	SEC	1.8X 124 2
2000	FEB 23 1347	36.89	19	22.38	155	13.31	3.54	13	.05	.6	.4	SER	2.0X 95 1
2000	FEB 23 1348	18.85	19	22.25	155	13.95	3.22	14	.06	.5	.3	SER	1.8X 112 2
2000	FEB 23 1349	22.19	19	21.99	155	13.85	3.14	12	.05	.6	.4	SER	2.0X 141 2
2000	FEB 23 1353	7.18	19	23.09	155	14.70	2.19	9	.09	.4	.6	SEC	1.6X 137 2
2000	FEB 23 1353	41.72	19	21.95	155	14.17	1.94	10	.14	.5	.6	KOA	1.7X 139 2
2000	FEB 23 1357	46.69	19	22.40	155	13.93	3.65	19	.08	.4	.4	SER	2.5X 123 2
2000	FEB 23 1358	39.81	19	23.01	155	14.33	2.95	20	.10	.4	.4	SEC	2.5X 132 2
2000	FEB 23 1403	26.28	19	22.83	155	14.69	2.07	9	.04	.4	.5	SEC	2.0X 143 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	DEG MIN	DEG MIN	KM	KM	KM	KM	KM	KM			
2000	FEB 16 0824	34.98	19	30.33	155	42.71	8.44	12	.10	1.0	1.8	MEO	1.0U 238 13	
2000	FEB 16 1157	15.76	19	15.99	155	28.48	10.77	19	.11	.6	.8	LSW	1.2X 129 3	
2000	FEB 16 1736	5.41	19	24.85	155	15.66	9.00	8	.09	2.0	1.0	INT L	2.1X 246 2	
2000	FEB 16 2103	7.32	19	27.10	155	27.94	9.21	15	.11	.6	1.4	KAO	1.1X 70 9	
2000	FEB 16 2223	59.10	19	13.26	155	36.56	8.15	17	.10	.5	.8	LSW	1.0X 109 3	
2000	FEB 17 0039	30.99	19	23.43	155	14.92	8.01	9	.06	2.2	1.1	INT L	1.7X 264 3	
2000	FEB 17 0450	2.06	19	20.02	155	7.33	8.38	20	.08	1.2	.5	SF4	2.0X 203 6	
2000	FEB 17 0754	26.80	19	19.74	155	13.14	8.01	15	.10	.6	1.3	SF2	1.2X 128 5	
2000	FEB 17 1346	2.19	19	20.08	155	12.29	8.95	22	.10	.6	.8	SF2	1.4X 120 5	
2000	FEB 17 1418	42.32	19	20.58	155	16.14	35.66	32	.10	.7	1.2	DEP F	3.4X 148 2	
2000	FEB 17 1419	28.77	19	20.22	155	16.76	35.29	37	.11	.7	.9	DEP F	4.5U 111 1	
2000	FEB 17 1430	21.96	19	20.37	155	13.14	31.51	28	.11	.9	1.0	DEP	2.4X 119 4	
2000	FEB 17 1446	39.90	19	21.81	155	16.37	31.74	21	.07	1.3	1.1	DEP	1.5X 91 1	
2000	FEB 17 1528	56.89	19	20.36	155	16.13	31.06	16	.07	1.3	1.3	DEP	1.3X 114 2	
2000	FEB 17 1623	24.97	19	56.42	155	18.56	17.47	21	.10	1.5	1.0	KEA	1.9X 251 7	
2000	FEB 17 1948	28.34	19	21.65	155	16.80	35.35	31	.10	.7	1.0	DEP	2.3X 89 2	
2000	FEB 18 0406	57.60	19	19.87	155	16.35	35	10	.15	.11	1.8	1.9	DEP	1.6X 159 5
2000	FEB 18 0708	25.05	19	59.23	156	31.25	1.38	11	.16	7	1.0	DIS	1.7U 230 74	
2000	FEB 18 0841	50.37	19	20.64	155	2.67	37.68	19	.11	1.8	1.0	DEP	1.5X 198 10	
2000	FEB 18 1046	10.81	19	23.16	155	20.29	30.50	33	.10	.6	.9	DWL	2.2X 48 6	
2000	FEB 18 1109	24.66	19	24.43	155	16.84	6.97	9	.11	1.0	1.5	INT L	2.2X 126 1	
2000	FEB 18 1125	53.23	19	24.57	155	16.33	12.15	10	.15	2.1	2.1	INT L	2.0X 177 1	
2000	FEB 18 1200	43.25	19	23.17	155	19.44	10.76	10	.11	1.8	1.2	KAO L	1.9X 251 5	
2000	FEB 18 1545	5.54	19	23.86	155	17.22	8.46	10	.07	.7	1.3	INT L	1.7X 99 1	
2000	FEB 18 1844	12.32	19	25.44	155	17.43	10.44	10	.08	1.0	1.1	INT L	2.0X 166 0	
2000	FEB 18 1945	17.74	19	24.22	155	18.14	2.30	10	.08	.9	.9	SSC L	1.6X 88 2	
2000	FEB 18 2130	49.84	19	25.32	155	16.63	9.30	10	.09	1.9	1.0	INT L	2.0X 182 1	
2000	FEB 19 0326	28.44	19	18.17	155	15.54	6.87	14	.07	.7	1.4	SF1	1.5X 149 5	
2000	FEB 19 0654	2.42	19	18.54	155	15.56	8.33	15	.10	.6	1.4	SF1	1.4X 144 5	
2000	FEB 19 0932	34.11	19	19.74	155	16.69	35.13	34	.12	.7	1.0	DEP	3.0X 154 1	
2000	FEB 19 1031	25.07	19	24.80	155	17.33	9.05	11	.12	1.3	1.4	INT L	1.8X 95 1	
2000	FEB 19 1055	12.48	19	20.73	155	16.15	32.33	21	.08	.8	1.0	DEP	1.9X 108 2	
2000	FEB 19 1334	32.67	19	23.51	155	18.60	4.06	11	.10	.5	1.2	SSC L	1.8X 91 4	
2000	FEB 19 1337	21.57	19	24.02	155	17.61	7.20	10	.07	1.1	1.3	INT L	2.0X 125 2	
2000	FEB 19 1412	20.70	19	18.38	155	13.54	11.56	15	.13	.8	1.4	SF2	1.5X 148 7	
2000	FEB 19 1427	27.13	19	22.73	155	18.03	4.03	11	.10	.6	1.1			

ORIGIN TIME (HST)		LAT N		LON W		DEPTH		RMS		ERH		ERZ		LOC		PREF		AZ		MIN	
YEAR	MON	DA	HR	MIN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	RM	REMK	MAG	GAP	DS			
2000	FEB	23	1608	15.52	19	22.27	155	14.21	3.34	19	.07	.3	.3	SEC				1.5X	133	2	
2000	FEB	23	1611	5.04	19	22.71	155	14.67	3.13	8	.07	.7	.4	SEC				.9X	140	2	
2000	FEB	23	1612	4.15	19	23.46	155	12.80	4.00	8	.04	1.2	.6	SEC				.6X	148	2	
2000	FEB	23	1623	42.90	19	24.95	155	13.37	0.38	5	.01	1.0	1.2	SEC				1.1X	309	4	
2000	FEB	23	1627	5.10	19	22.18	155	14.23	3.00	10	.08	.6	.5	SEC				1.6X	134	2	
2000	FEB	23	1633	11.45	19	22.79	155	14.52	3.21	8	.02	.7	.4	SEC				1.3X	157	3	
2000	FEB	23	1646	46.42	19	22.21	155	13.99	3.08	7	.03	.9	.5	SEC				1.1X	145	2	
2000	FEB	23	1651	4.50	19	22.51	155	4.27	8.99	8	.05	1.0	1.5	SEC				.9X	152	6	
2000	FEB	23	1658	14.67	19	23.03	155	14.29	2.54	6	.04	.9	.9	SEC				1.0X	170	2	
2000	FEB	23	1707	32.62	19	22.56	155	13.91	3.98	8	.05	.9	.5	SEC				1.2X	147	1	
2000	FEB	23	1717	10.47	19	25.45	155	16.46	3.36	7	.07	1.8	1.3	SEC				1.2X	223	1	
2000	FEB	23	1739	50.34	19	23.06	155	14.93	2.81	8	.05	.6	.6	SEC				.8X	149	2	
2000	FEB	23	1741	39.90	19	23.15	155	14.14	1.83	7	.03	1.7	.5	SEC				1.5X	218	2	
2000	FEB	23	1821	10.62	19	22.77	155	14.43	3.36	7	.07	1.3	.6	SEC				1.2X	157	2	
2000	FEB	23	1823	2.40	19	22.04	155	13.97	3.16	10	.05	.8	.5	SEC				1.3X	139	2	
2000	FEB	23	1841	42.89	19	23.02	155	14.70	3.67	8	.05	1.2	.6	SEC				.8X	150	2	
2000	FEB	23	1855	17.06	19	21.48	155	13.93	0.24	7	.03	.3	.8	SEC				1.0X	151	3	
2000	FEB	23	1902	33.87	19	22.83	155	14.91	3.42	9	.05	.5	.4	SEC				.9X	140	2	
2000	FEB	23	1906	27.43	19	22.86	155	14.71	1.61	7	.05	.5	.4	SEC				1.0X	149	2	
2000	FEB	23	1910	2.09	19	21.80	155	13.93	3.81	6	.05	1.9	.9	SEC				1.0X	202	2	
2000	FEB	23	1921	21.93	19	21.51	155	13.48	1.19	7	.06	.8	1.1	SEC				1.0X	155	2	
2000	FEB	23	1930	4.33	19	22.10	155	13.93	3.40	9	.03	.8	.4	SEC				1.5X	138	2	
2000	FEB	23	1949	50.20	19	22.64	155	14.42	3.61	11	.07	.7	.5	SEC				1.6X	131	2	
2000	FEB	23	2006	11.56	19	22.73	155	13.95	2.67	13	.12	.7	.4	SEC				1.3X	136	2	
2000	FEB	23	2009	35.77	19	21.96	155	13.57	1.90	18	.11	.5	.3	SEC				2.8U	101	1	
2000	FEB	23	2013	30.35	19	21.52	155	17.59	0.70	20	.14	.3	.4	SEC				1.9X	111	3	
2000	FEB	23	2030	14.87	19	23.03	155	14.78	3.35	20	.07	.3	.3	SEC				1.7X	130	2	
2000	FEB	23	2101	47.38	19	21.30	155	13.71	0.71	12	.07	.3	.7	SEC				1.9X	157	3	
2000	FEB	23	2129	56.68	19	21.63	155	13.74	1.63	14	.10	.5	.5	SEC				2.2X	149	2	
2000	FEB	23	2248	48.21	19	21.01	155	13.11	4.55	7	.10	2.5	1.4	SEC				1.2X	232	3	
2000	FEB	23	2250	52.57	19	23.52	155	14.47	1.68	7	.05	.4	.8	SEC				1.2X	168	3	
2000	FEB	24	0000	49.64	19	22.91	155	14.56	3.58	11	.07	.5	.5	SEC				1.6X	135	3	
2000	FEB	24	0016	8.26	19	22.75	155	14.45	3.73	11	.07	.6	.5	SEC				1.5X	133	2	
2000	FEB	24	0019	24.70	19	24.61	155	17.01	9.40	19	.13	1.0	.7	INT				2.1X	97	1	
2000	FEB	24	0048	34.27	19	21.46	155	13.68	1.20	18	.07	.2	.3	SEC				1.7X	154	2	
2000	FEB	24	0123	3.28	19	22.76	155	14.39	3.34	19	.09	.4	.3	SEC				1.7X	134	2	
2000	FEB	24	0147	29.17	19	16.87	155	13.23	1.93	11	.08	1.3	1.4	SEC				1.4X	252	10	
2000	FEB	24	0221	55.71	19	22.51	155	14.57	3.28	11	.05	.6	.4	SEC				1.7X	127	2	
2000	FEB	24	0355	58.75	19	23.41	155	14.83	2.67	13	.08	.7	1.3	SEC				1.0X	167	3	
2000	FEB	24	0356	57.38	19	23.56	155	14.96	2.77	10	.13	.7	.9	SEC				1.3X	145	3	
2000	FEB	24	0404	12.39	19	23.23	155	14.99	3.12	10	.05	.4	.4	SEC				1.6X	137	2	
2000	FEB	24	0418	38.76	19	21.52	155	14.89	5.15	8	.08	1.7	1.0	SEC				.9X	256	2	
2000	FEB	24	0424	23.61	19	23.29	155	14.54	2.14	9	.10	.6	.8	SEC				1.4X	142	3	
2000	FEB	24	0441	35.24	19	23.31	155	23.72	35.98	12	.13	1.4	1.7	DML				1.2X	82	6	
2000	FEB	24	0502	8.86	19	23.57	155	16.91	9.33	11	.07	.9	1.0	INT				2.4X	100	1	

ORIGIN TIME (HST)		LAT N		LON W		DEPTH		RMS		ERH		ERZ		LOC		PREF		AZ		MIN	
YEAR	MON	DA	HR	MIN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	RM	REMK	MAG	GAP	DS			
2000	FEB	23	1403	35.07	19	22.89	155	14.81	1.51	14	.13	.3	.4	SEC				2.0X	131	2	
2000	FEB	23	1403	44.39	19	22.98	155	14.74	2.01	9	.08	.4	.6	SEC				1.7X	149	2	
2000	FEB	23	1405	13.75	19	22.81	155	14.54	3.38	14	.08	.4	.4	SEC				2.1X	133	3	
2000	FEB	23	1406	16.59	19	22.90	155	15.18	2.46	8	.08	2.2	.5	SEC				1.7X	254	2	
2000	FEB	23	1406	53.26	19	23.14	155	14.43	3.01	31	.13	.3	.4	SEC	F			4.0U	92	3	
2000	FEB	23	1409	21.33	19	22.41	155	14.23	3.34	12	.09	.5	.4	SEC				1.6X	130	2	
2000	FEB	23	1416	5.21	19	22.34	155	13.73	3.24	9	.06	1.3	.4	SEC				1.2X	178	1	
2000	FEB	23	1419	4.43	19	22.36	155	14.08	3.30	11	.11	.6	.4	SEC				1.5X	131	2	
2000	FEB	23	1419	54.03	19	22.24	155	13.60	3.20	8	.02	.9	.4	SEC				1.2X	148	1	
2000	FEB	23	1420	10.88	19	23.06	155	14.64	1.67	9	.04	.4	.5	SEC				1.3X	137	3	
2000	FEB	23	1422	18.92	19	24.91	155	15.64	4.78	9	.09	1.1	1.5	SEC				1.2X	223	2	
2000	FEB	23	1425	42.50	19	22.33	155	13.75	3.01	11	.06	.6	.3	SEC				1.4X	134	1	
2000	FEB	23	1428	43.18	19	22.09	155	14.13	2.70	9	.06	.7	.6	SEC				1.2X	137	2	
2000	FEB	23	1430	0.22	19	22.75	155	14.47	2.87	15	.09	.4	.4	SEC				2.4X	133	2	
2000	FEB	23	1431	18.18	19	23.17	155	14.86	3.41	29	.10	.3	.3	SEC				2.5X	127	2	
2000	FEB	23	1433	20.16	19	22.91	155	14.80	3.46	14	.10	.4	.5	SEC				1.0U	146	2	
2000	FEB	23	1433	28.10	19	22.84	155	14.88	3.59	13	.06	.3	.3	SEC				2.4X	130	2	
2000	FEB	23	1433	35.33	19	23.53	155	14.90	0.48	9	.09	.3	.5	SEC				2.6X	171	3	
2000	FEB	23	1435	42.81	19	23.27	155	15.10	3.29	19	.07	.3	.4	SEC				1.3X	136	2	
2000	FEB	23	1438	12.03	19	23.25	155	14.64	2.65	8	.06	.5	.8	SEC				1.4X	166	3	
2000	FEB	23	1438	39.37	19	23.05	155	14.63	3.20	10	.04	.5	.6	SEC				1.5X	137	3	
2000	FEB	23	1440	49.13	19	22.80	155	14.83	6.42	13	.10	1.1	.9	INT				1.2X	153	2	
2000	FEB	23	1442	30.60	19	22.57	155	14.27	2.77	8	.07	.7	.4	SEC				1.3X	145	2	
2000	FEB	23	1443	21.62	19	24.34	155	15.61	7.76	6	.03	1.9	1.6	INT				1.3X	185	2	
2000	FEB	23	1446	41.94	19	23.43	155	13.25	4.65	13	.09	.7	1.3	SEC				.9X	155	2	
2000	FEB	23	1447	48.86	19	22.36	155	14.28	2.65	12	.09	.4	.3	SEC				1.8X	131	2	
2000	FEB	23	1448	14.76	19	21.84	155	12.95	3.75	8	.07	1.2	.5	SEC				1.4X	163	1	
2000	FEB	23	1451	9.24	19	23.23	155	15.00	3.42	32	.11	.3	.3	SEC				2.3X	127	2	
2000	FEB	23	1452	21.47	19	23.04	155	14.88	2.90	26	.10	.3	.3	SEC				2.1X	101	2	
2000	FEB	23	1452	39.70	19	22.58	155	15.24	6.09	6											

YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	LONG	W	DRPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
ORIGIN	TIME	(HST)				LAT	N				DEG	MIN				RM	REMK	MAG	GAP	DS
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	LONG	W	DRPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
2000	FEB	25	0353	16.68	19	25.16	155	19.33	7.32	26	11	4	6	KAO	1.9X	52	3			
2000	FEB	25	0455	2.34	19	23.86	155	14.96	1.39	16	10	3	7	SEC	1.0X	152	3			
2000	FEB	25	0536	22.59	19	19.08	155	10.26	8.92	23	07	4	6	SF3	1.3X	123	5			
2000	FEB	25	0556	58.52	19	24.93	155	16.93	7.75	19	10	7	5	INT	L	2.0X	151	0		
2000	FEB	25	0822	8.53	19	24.01	155	17.57	4.38	15	09	6	6	SSC	L	1.8X	127	2		
2000	FEB	25	1039	20.17	19	22.03	155	14.19	1.43	23	07	2	3	SEC	1.8X	138	2			
2000	FEB	25	1226	0.48	19	23.29	155	17.38	8.68	23	08	4	5	INT	L	2.2X	59	2		
2000	FEB	25	1243	52.28	19	24.87	155	18.41	3.75	15	11	1.1	4	SNC	1.4X	279	2			
2000	FEB	25	1552	46.97	19	25.11	155	16.95	11.34	20	10	1.0	6	INT	L	2.0X	159	0		
2000	FEB	25	1729	19.70	19	22.55	155	14.34	3.19	19	08	3	3	SEC	1.7X	130	2			
2000	FEB	25	1746	8.29	19	22.93	155	14.94	3.00	17	09	3	4	SEC	1.3X	130	2			
2000	FEB	25	1825	52.36	19	25.38	155	15.04	2.52	18	08	4	6	SNC	L	1.8X	183	4		
2000	FEB	25	1827	52.33	19	20.04	155	11.29	9.00	24	10	5	8	SF3	1.7X	115	5			
2000	FEB	25	2209	50.69	19	25.67	155	15.02	0.19	18	08	3	4	SNC	L	1.9X	161	4		
2000	FEB	25	2256	42.28	19	5.72	155	29.56	31.44	35	09	9	9	DLS	2.0X	176	17			
2000	FEB	26	0050	16.97	19	23.42	155	19.09	7.85	17	09	5	1.1	KAO	L	1.8X	67	4		
2000	FEB	26	0111	59.22	19	23.25	155	14.96	3.44	13	08	4	6	SEC	1.4X	152	2			
2000	FEB	26	0253	42.96	19	26.22	155	29.79	11.09	34	11	4	5	LSW	2.0X	88	2			
2000	FEB	26	0328	51.11	19	22.65	155	14.87	3.04	18	10	4	3	SEC	1.2X	125	2			
2000	FEB	26	0343	54.23	19	19.08	155	13.34	8.64	27	13	4	7	SF2	1.9X	137	7			
2000	FEB	26	0518	42.44	19	21.85	155	16.67	10.37	17	08	6	7	SF1	L	2.1X	119	2		
2000	FEB	26	0639	11.03	19	24.75	155	29.49	11.02	30	11	5	7	KAO	1.6X	73	5			
2000	FEB	26	0755	47.00	19	26.39	155	15.95	10.96	18	10	1.0	7	INT	L	2.1X	174	3		
2000	FEB	26	0925	43.85	19	30.22	155	21.95	8.60	24	09	6	7	MLO	1.5X	93	2			
2000	FEB	26	1010	6.48	19	19.24	155	11.10	7.90	18	08	5	1.1	SF3	1.0X	127	6			
2000	FEB	26	1055	21.47	19	20.25	155	8.05	8.47	16	06	6	9	SF4	.7X	117	5			
2000	FEB	26	1308	15.17	19	24.56	155	16.57	11.76	23	10	9	5	INT	L	2.4X	133	1		
2000	FEB	26	1310	54.52	19	24.59	155	17.52	8.10	18	06	7	6	INT	L	2.0X	124	1		
2000	FEB	26	1404	21.05	19	24.70	155	16.83	10.00	20	09	8	5	INT	L	1.9X	137	0		
2000	FEB	26	1603	13.86	19	24.92	155	17.45	9.13	20	10	8	5	INT	L	2.0X	108	1		
2000	FEB	26	1612	19.71	19	29.92	155	46.93	9.16	29	12	4	4	KON	2.0X	79	2			
2000	FEB	26	1628	2.11	19	23.06	155	14.23	3.76	20	09	3	4	SEC	1.4X	138	2			
2000	FEB	26	1719	8.65	19	21.24	155	30.48	7.66	29	13	5	1.2	KAO	1.5X	118	6			
2000	FEB	26	1834	31.53	19	25.03	155	17.53	9.94	19	11	9	6	INT	L	1.9X	109	1		
2000	FEB	26	1919	27.69	19	24.03	155	30.09	27.58	32	11	8	9	DML	1.7X	94	5			
2000	FEB	26	2201	18.21	19	22.92	155	14.80	3.62	24	08	4	3	SEC	2.3X	127	2			
2000	FEB	26	2208	15.38	19	22.86	155	15.06	3.18	17	08	4	3	SEC	1.5X	128	2			
2000	FEB	26	2208	23.01	19	22.83	155	15.07	2.97	18	12	4	3	SEC	1.7X	127	2			
2000	FEB	26	2232	24.75	19	24.15	155	17.10	1.80	23	11	4	2	SSC	L	1.8X	79	1		
2000	FEB	27	0033	45.77	19	23.58	155	17.29	9.37	18	08	1.0	7	INT	L	1.9X	125	1		
2000	FEB	27	0052	43.49	19	22.99	155	14.89	3.32	16	08	3	4	SEC	1.5X	133	2			
2000	FEB	27	0053	22.81	19	10.59	155	32.35	0.28	31	13	7	2	LSW	1.8X	139	9			
2000	FEB	27	0404	46.01	19	25.04	155	15.95	10.55	17	07	1.0	7	INT	L	2.0X	172	2		
2000	FEB	27	0600	44.95	19	21.42	155	14.74	1.29	17	06	2	3	KOA	1.4X	146	3			
2000	FEB	27	0717	41.57	19	22.99	155	15.46	4.50	20	10	4	5	SEC	L	1.5X	124	1		

YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	LONG	W	DRPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN		
ORIGIN	TIME	(HST)				LAT	N				DEG	MIN				RM	REMK	MAG	GAP	DS	
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	LONG	W	DRPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN		
2000	FEB	24	0527	24.17	19	23.14	155	17.25	7.59	9	11	1.2	1.2	INT	L	1.7X	123	2			
2000	FEB	24	0604	30.86	20	3.66	156	2.09	9.24	33	13	6	1.0	KOH	2.8X	165	20				
2000	FEB	24	0620	21.34	19	22.89	155	14.93	3.51	6	02	2.2	2.7	SEC	1.2X	145	2				
2000	FEB	24	0625	17.05	19	23.14	155	16.90	3.37	11	05	5	4	SSC	1.4X	99	2				
2000	FEB	24	0651	18.00	19	22.34	155	13.93	1.70	18	10	4	3	SER	1.8X	133	2				
2000	FEB	24	0701	32.54	19	22.34	155	17.18	25.42	38	10	6	5	DEP	2.3X	79	2				
2000	FEB	24	0727	37.00	19	22.98	155	17.42	2.52	20	07	3	4	SSC	1.3X	82	2				
2000	FEB	24	0730	44.42	19	24.33	155	13.17	2.54	8	07	6	1.3	SER	1.1X	176	3				
2000	FEB	24	0748	41.90	19	22.56	155	14.75	2.49	9	11	5	7	SEC	1.1X	131	2				
2000	FEB	24	0754	13.08	19	22.94	155	17.33	4.33	9	08	8	1.1	SSC	L	1.5X	161	2			
2000	FEB	24	0800	34.51	19	22.64	155	14.56	3.51	13	08	5	5	SEC	2.0X	129	2				
2000	FEB	24	0828	14.45	19	25.06	155	19.11	6.95	9	06	1.1	1.8	KAO	.8X	115	3				
2000	FEB	24	0831	28.01	19	23.27	155	15.07	3.39	14	09	4	5	SEC	2.2X	137	2				
2000	FEB	24	0835	45.93	19	22.95	155	14.55	2.62	6	01	6	7	SEC	1.0X	166	3				
2000	FEB	24	0905	28.38	19	22.91	155	14.90	3.37	13	11	5	5	SEC	1.8X	131	2				
2000	FEB	24	0913	4.33	19	23.02	155	17.00	3.22	14	05	4	4	SSC	1.9X	74	2				
2000	FEB	24	0936	18.72	19	22.81	155	14.02	4.90	8	08	1.4	9	SEC	1.3X	151	2				
2000	FEB	24	0945	1.28	19	24.79	155	16.42	9.01	20	08	2.9	1.1	INT	L	1.4X	220	1			
2000	FEB	24	0953	27.22	19	22.56	155	14.48	3.42	20	07	3	3	SEC	1.5X	128	2				
2000	FEB	24	1003	43.64	19	19.50	155	10.34	7.87	30	08	5	6	SF3	1.3X	116	5				
2000	FEB	24	1059	53.56	19	24.86	155	16.38	10.31	11	15	1.5	1.4	INT	L	2.3X	159	1			
2000	FEB	24	1128	53.87	19	21.59	155	14.12	3.02	9	04	5	7	KOA	.9X	187	3				
2000	FEB	24	1132	20.99	19	23.07	155	14.93	2.92	8	05	8	6	SEC	1.7X	151	2				
2000	FEB	24	1136	3.13	19	22.33	155	14.14	3.13	7	06	8	8	SEC	1.1X	152	2				
2000	FEB	24	1211	18.63	19	22.55	155	14.26	2.08	15	13	3	5	SEC	1.2X	135	2				
2000	FEB	24	1227	54.05	19	23.18	155	14.93	2.84	8	04	4	7	SEC	.7X	111	2				
2000	FEB	24	1252	33.84	19	23.04	155	14.68	1.99	12	08	3	5	SEC	1.5X	117	2				
2000	FEB	24	1301	18.88	19	22.61	155	14.14	3.49	9	03	5	7	SEC	1.2X	134	2				
2000	FEB	24	1302	27.14																	

ORIGIN TIME (HST)												DEPTH												RMS												ERH												ERZ												LOC												PREF												AZ												MIN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
YEAR												MON												DA												HRMN												SEC												LAT												N												DEG												MIN												LON												W												DEG												MIN												KM												RD												SEC												KM												RMK												REMK												MAG												GAP												DS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
2000	FEB	27	0828	10.21	19	20.97	155	14.95	1.82	14	.05	.3	.6	KOA	1.3X	153	3	2000	FEB	29	1005	26.48	19	18.53	155	8.44	9.75	18	.09	.7	.9	SF4	1.6X	109	4	2000	FEB	29	1013	46.16	19	19.98	155	8.29	9.81	9	.05	.7	1.5	SF4	.9X	161	3	2000	FEB	29	1606	38.62	19	24.28	155	16.63	10.78	10	.06	1.2	1.5	INT L	1.7X	145	1	2000	FEB	29	1625	31.10	19	19.64	155	9.93	8.08	24	.10	.7	.8	SF3	2.1X	119	4	2000	FEB	29	1737	57.89	19	22.93	155	14.56	3.56	13	.08	.4	.3	SEC	1.9X	135	3	2000	FEB	29	2036	36.43	19	15.57	155	2.68	44.17	19	.08	1.8	1.1	DEP	1.6X	250	10	2000	MAR	1	0410	9.16	19	25.55	155	17.01	10.64	22	.09	.7	.6	INT L	2.2X	145	1	2000	MAR	1	1243	54.50	19	28.52	155	12.63	11.30	39	.09	.5	.6	GLN	1.8X	120	7	2000	MAR	1	1413	50.98	19	27.43	155	12.55	11.28	32	.12	.5	.6	GLN	1.4X	149	7	2000	MAR	1	1441	28.08	19	26.27	155	14.84	6.10	20	.14	.9	1.1	INT L	1.9X	197	5	2000	MAR	1	2114	15.45	19	7.42	155	6.07	17.27	29	.09	.9	3.0	LOI	2.1X	266	19	2000	MAR	2	0548	10.76	19	10.99	155	31.54	0.42	22	.13	.6	.4	LSW	1.4X	189	8	2000	MAR	2	0640	2.05	19	11.94	155	27.48	0.09	26	.11	.9	.3	LSW	1.9X	189	7	2000	MAR	2	0711	45.44	19	24.89	155	16.17	9.97	19	.08	.9	.6	INT L	2.4X	155	1	2000	MAR	2	1711	15.71	19	16.36	155	17.43	30.82	9	.03	3.5	6.5	DEP T	.220	4	2000	MAR	2	1712	35.19	19	14.13	155	15.50	43.47	16	.06	2.2	1.4	DEP	1.5X	233	9	2000	MAR	2	2207	50.92	19	24.65	155	38.05	1.18	19	.11	.5	.7	MLO	2.0X	79	6	2000	MAR	3	0312	2.80	19	26.74	155	29.52	10.73	16	.11	.5	.8	KAO	1.3X	83	7	2000	MAR	3	0454	21.07	19	18.46	155	29.81	3.89	12	.11	.6	2.6	LSW	1.2U	113	12	2000	MAR	3	0523	22.86	19	21.95	155	13.61	30.14	21	.08	1.3	1.0	DEP	1.9X	101	2	2000	MAR	3	1128	0.92	19	58.55	155	27.72	39.37	17	.09	1.5	1.2	KEA	1.6X	248	16	2000	MAR	3	1208	33.58	19	20.68	155	17.16	30.27	18	.12	1.4	1.7	DEP	1.5X	129	1	2000	MAR	3	1331	24.96	19	11.68	155	28.26	8.06	27	.17	.8	1.2	LSW	1.9X	189	7	2000	MAR	3	1410	45.01	19	19.40	155	19.06	6.89	11	.07	1.0	1.7	SWR	.8X	118	3	2000	MAR	3	1517	11.08	19	19.15	155	12.70	1.19	11	.13	.6	1.0	SSF	.7X	210	6	2000	MAR	3	1517	57.52	19	23.66	155	15.03	4.40	13	.13	.6	.8	SEC	2.3X	143	3	2000	MAR	3	1618	31.81	19	19.91	155	12.21	7.99	16	.07	.6	1.1	SF3	1.3X	131	5	2000	MAR	3	1824	28.72	19	23.90	155	18.61	10.00	10	.12	2.1	1.5	INT L	2.0X	151	3	2000	MAR	3	2016	48.24	19	19.99	155	10.61	7.36	12	.06	.6	1.3	SF3	1.1X	120	4	2000	MAR	4	0110	56.54	19	22.69	155	14.66	1.23	13	.13	.5	.4	SEC	2.0X	129	2	2000	MAR	4	0153	6.48	19	24.46	155	15.90	1.10	15	.10	.3	.4	SEC	2.2X	164	2	2000	MAR	4	0153	33.98	19	24.68	155	15.59	0.03	17	.12	.2	.4	SNC	#	2.3X	154	2	2000	MAR	4	0311	44.47	19	26.07	155	13.50	12.08	11	.11	2.4	.9	GLN L	2.8X	279	6	2000	MAR	4	0324	28.77	19	23.98	155	19.77	16.22	10	.16	1.9	1.9	DML L	2.2X	162	5	2000	MAR	4	0438	0.71	19	22.60	155	14.56	3.57	16	.08	.5	.5	SEC	1.8X	128	2	2000	MAR	4	0448	36.68	19	25.03	155	14.50	1.78	8	.10	1.3	.9	SNC L	1.6X	289	4	2000	MAR	4	1108	56.81	19	15.38	155	35.94	10.27	15	.12	.6	1.0	LSW	1.0U	142	2	2000	MAR	4	1602	34.35	19	16.83	155	29.44	10.33	19	.14	.5	1.1	LSW	1.8U	86	3	2000	MAR	4	1603	33.95	19	13.43	155	27.09	6.50	11	.12	1.4	2.3	LSW	1.3X	300	6	2000	MAR	4	1633	15.72	19	17.69	155	23.12	3.08	20	.08	.3	.7	SWR	2.0X	109	5	2000	MAR	5	0027	56.24	19	15.69	155	36.57	8.17	32	.18	.6	1.0	LSW	1.5X	117	2	2000	MAR	5	0044	4.17	19	15.01	155	36.83	2.64	13	.12	.6	1.7	LSW	1.0X	144	13	2000	MAR	5	0046	20.40	19	15.75	155	36.08	7.33	34	.16	.4	.7	LSW	2.1X	132	2	2000	MAR	5	0450	33.76	19	15.48	155	36.33	9.38	22	.13	.5	.9	LSW	1.4X	137	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
2000	MAR 5 0545	59.04	19 19.70	155 8.29	9.05	27.08	.7	.4	SF4	2.6X	113 4
2000	MAR 5 0743	17.40	19 16.13	155 37.52	11.01	15.05	.5	.6	LSW	1.5X	74 2
2000	MAR 5 0802	32.73	19 45.27	155 45.77	22.06	36.11	.5	1.2	HUA	2.6X	81 11
2000	MAR 5 0826	6.17	19 25.71	155 29.12	12.09	14.09	.6	1.4	KAO	1.2U	102 7
2000	MAR 5 1015	2.89	19 20.25	155 12.55	10.12	13.06	.7	1.2	SF2	1.3X	126 4
2000	MAR 5 1447	24.90	19 19.53	155 2.07	35.71	18.09	2.4	1.5	DEP	1.1X	220 11
2000	MAR 5 1625	48.30	19 13.51	155 32.02	5.93	19.13	.7	4.8	LSW	1.4X	170 14
2000	MAR 5 1703	40.90	19 18.54	155 12.88	9.49	14.05	.7	1.1	SF2	1.2X	160 8
2000	MAR 5 1947	15.51	19 23.91	155 19.40	7.45	8.11	3.3	2.6	KAO L	1.6X	228 4
2000	MAR 5 2018	2.36	19 15.32	155 22.05	8.33	17.08	.8	1.0	SWR	1.1X	162 4
2000	MAR 5 2027	42.85	19 15.15	155 22.39	7.94	21.11	.7	1.2	SWR	1.8X	163 3
2000	MAR 5 2318	45.47	19 29.73	155 21.88	12.37	10.08	1.6	1.2	KAO	1.4X	197 2
2000	MAR 5 2322	13.48	19 19.82	155 7.89	9.03	26.08	.6	.4	SF4	2.4X	124 5
2000	MAR 6 0329	3.69	19 23.38	155 14.75	3.41	20.10	.4	.4	SEC	2.4X	128 3
2000	MAR 6 0428	44.92	19 20.00	155 12.86	7.91	16.05	.6	1.1	SF2	1.3X	131 5
2000	MAR 6 0508	25.62	19 22.67	155 14.70	1.48	13.08	.4	.3	SEC	1.6X	135 2
2000	MAR 6 0522	38.94	19 22.50	155 14.68	0.99	19.11	.3	.4	SEC	2.6X	122 2
2000	MAR 6 0858	23.12	19 21.02	155 16.27	1.66	27.09	.3	.4	KOA	2.8X	103 3
2000	MAR 6 1404	49.83	19 48.90	155 24.31	26.91	25.11	.8	1.4	KEA	1.5X	117 7
2000	MAR 6 1526	49.90	21 43.25	156 34.75	15.47	11.07	13.113	9 DIS	-	2.5X	338111
2000	MAR 6 1606	13.79	19 20.10	155 8.16	8.81	29.12	.6	.4	SF4	1.8X	115 5
2000	MAR 6 1656	42.59	20 1.23	155 31.25	10.27	16.06	1.1	.7	KEA	1.9X	193 23
2000	MAR 6 1751	4.14	18 46.47	155 2.62	16.71	26.16	2.0	1.7	LOI	2.8X	281 58
2000	MAR 6 1821	9.61	19 15.90	155 29.40	10.91	31.10	.5	.4	LSW	2.3X	113 2
2000	MAR 6 1850	51.70	19 55.04	155 49.79	37.67	15.06	2.3	1.3	KOH	1.6U	269 19
2000	MAR 6 1930	13.37	19 13.19	155 20.03	42.04	18.09	2.0	1.3	DEP	1.4X	217 7
2000	MAR 6 2227	13.98	19 13.72	155 28.86	7.78	17.12	1.0	.8	LSW	1.1X	194 3
2000	MAR 7 0427	27.50	19 22.95	155 14.90	3.60	16.10	.5	.5	SEC	2.0X	132 2
2000	MAR 7 0754	27.38	19 20.70	155 48.40	12.08	13.10	1.0	.6	KON	1.8U	136 11
2000	MAR 7 0904	42.44	19 22.51	155 14.18	3.36	15.07	.4	.3	SEC	1.6X	130 2
2000	MAR 7 0918	46.42	19 7.71	155 22.14	38.93	16.10	1.8	1.2	LOI	.9X	280 13
2000	MAR 7 1042	51.71	19 13.85	155 18.97	29.73	23.09	1.3	.9	DEP	1.6X	217 8
2000	MAR 7 1742	33.89	19 17.56	155 23.00	3.30	14.09	.4	1.1	SWR	1.5X	113 5
2000	MAR 8 0112	34.64	19 9.94	155 33.08	8.10	29.14	.8	.7	LSW	2.0X	139 11
2000	MAR 8 0316	3.24	19 32.57	155 38.88	33.04	17.12	.9	1.4	DML	1.4X	91 11
2000	MAR 8 1155	30.11	19 47.94	155 24.82	23.60	29.12	.6	1.3	KEA	2.0X	111 5
2000	MAR 8 1426	52.05	19 18.93	155 8.86	6.75	14.08	.9	1.3	SF4	1.2X	137 3
2000	MAR 8 1941	10.71	19 21.57	155 18.97	0.42	12.05	.3	.5	SWR	.8X	126 5
2000	MAR 8 2036	47.51	19 20.15	155 10.15	8.51	25.12	.6	.7	SF3	1.8X	104 4
2000	MAR 8 2104	27.23	19 23.77	155 17.81	9.41	11.11	1.4	1.0	INT L	2.3X	109 2
2000	MAR 8 2148	44.71	19 24.24	155 16.39	10.55	9.08	1.6	1.6	INT L	1.5X	205 1
2000	MAR 8 2200	11.27	19 23.89	155 18.34	8.86	12.14	1.1	1.1	INT L	2.2X	97 3
2000	MAR 8 2237	36.89	19 24.22	155 16.35	10.88	10.11	1.5	1.0	INT L	2.1X	159 1
2000	MAR 9 0513	43.02	19 33.26	156 8.39	20.23	12.07	1.3	2.8	KON	1.4U	286 24
2000	MAR 9 0851	55.74	19 15.93	155 36.26	11.00	15.07	.5	.8	LSW	1.7X	121 2

ORIGIN TIME (HST)				LAT N				LON W				DEPTH N RMS ERH ERZ LOC				PREF AZ MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2000	MAR	15	0123	14	35	19	25.62	155	2	00	9.68	18	.09	1.1	1.1	SF5				2.0X	140	6
2000	MAR	15	0158	52	96	19	16.28	155	29	36	7.60	10	.14	1.1	3.5	LSW				1.2U	136	10
2000	MAR	15	0223	0.54	19	29.90	155	26.43	5.52	8	.10	.9	2.16	KAO						1.2X	112	5
2000	MAR	15	0226	35.55	19	55.90	155	31.43	29.80	9	.05	.8	1.3	KEA						1.1U	222	16
2000	MAR	15	1020	9.62	19	24.75	155	16.16	10.92	9	.10	2.0	1.4	INT L						2.2X	156	1
2000	MAR	15	1748	49.53	19	22.91	155	14.62	3.91	16	.08	.4	.4	SEC						2.5X	134	2
2000	MAR	15	2148	51.28	19	19.63	155	24.59	10.89	23	.11	.5	.7	SWR						1.4X	89	2
2000	MAR	16	0336	45.38	19	17.72	155	29.72	3.07	15	.14	.6	1.6	LSW						1.1U	144	12
2000	MAR	16	0634	1.13	19	50.88	155	32.65	21.35	19	.09	1.9	1.4	KEA						1.9X	248	12
2000	MAR	16	0641	28.20	19	19.79	155	8.05	8.92	7	.02	1.0	2.2	SF4						1.3U	172	5
2000	MAR	16	1322	18.81	19	19.08	155	10.09	8.24	19	.11	.6	1.3	SF3						1.6X	121	5
2000	MAR	16	2000	10.19	19	16.43	155	29.79	7.91	23	.09	.5	1.0	LSW						1.6X	135	11
2000	MAR	17	0307	37.51	19	31.08	155	33.30	20.85	18	.12	.6	1.0	DML						1.5X	73	4
2000	MAR	17	0731	25.45	19	25.19	155	16.71	11.74	11	.12	1.3	1.1	INT L						2.2X	179	1
2000	MAR	17	0746	22.74	19	22.87	155	18.03	4.63	12	.07	.6	1.2	SSC L						1.0X	127	3
2000	MAR	17	0758	27.29	19	22.33	155	15.70	8.84	12	.07	1.2	.7	INT L						2.1X	238	0
2000	MAR	17	0921	54.50	19	29.11	155	28.08	2.03	17	.08	.4	.9	KAO						1.7X	107	8
2000	MAR	17	1048	15.94	19	17.56	155	21.11	9.50	13	.07	.6	.9	SWR						1.3X	141	4
2000	MAR	17	1748	53.45	19	11.84	155	29.68	5.73	23	.11	.6	1.4	LSW						1.8X	187	6
2000	MAR	17	1801	12.10	19	12.56	155	29.34	8.97	17	.12	1.0	.8	LSW						1.4X	189	5
2000	MAR	17	2020	4.83	19	22.49	155	26.30	1.93	8	.08	.6	.5	SEC						1.3X	153	2
2000	MAR	17	2020	43.60	19	22.79	155	14.77	3.77	15	.11	.6	.7	SEC						2.0X	130	5
2000	MAR	17	2222	24.64	19	20.88	155	7.07	8.05	16	.07	.6	.7	SF4						1.0X	133	5
2000	MAR	17	2223	30.17	19	20.69	155	6.81	10.63	23	.11	.7	.5	SF4						1.9X	139	5
2000	MAR	19	0150	22.36	19	14.94	155	26.43	15.10	18	.09	.8	.4	DLS						1.5X	149	4
2000	MAR	19	0217	2.21	19	25.85	155	23.67	10.34	24	.07	.5	.6	KAO						2.0X	58	6
2000	MAR	19	1024	17.77	19	15.79	155	22.87	7.37	23	.10	.6	.9	SWR						2.4X	152	3
2000	MAR	19	1028	35.37	19	14.99	155	24.28	11.22	11	.06	1.1	1.2	SWR						1.3X	211	1
2000	MAR	19	1417	3.51	19	23.28	155	27.15	10.27	22	.08	.4	.8	KAO						1.2X	49	2
2000	MAR	19	1911	23.53	19	18.26	155	12.92	8.17	18	.10	.6	1.1	SF2						1.3X	167	8
2000	MAR	20	0122	32.90	19	19.69	155	10.75	7.81	16	.05	.5	1.1	SF3						1.3X	127	5
2000	MAR	20	0411	8.49	19	20.45	155	10.75	8.98	19	.09	.7	.9	SF3						1.6X	113	3
2000	MAR	20	1322	8.33	19	10.39	155	41.43	11.10	17	.10	.7	.9	LSW						1.0X	179	8
2000	MAR	20	1400	44.96	19	24.84	155	16.45	9.21	10	.09	1.5	.8	INT L						2.4X	186	1
2000	MAR	20	1608	10.60	19	50.26	155	32.04	18.94	27	.10	.8	1.7	KEA						2.1X	190	10
2000	MAR	20	1654	32.90	19	19.69	155	10.75	7.81	16	.05	.5	1.1	SF3						1.3X	127	5
2000	MAR	20	2101	10.06	19	25.22	155	16.40	7.69	9	.08	1.9	1.0	INT L						1.5X	184	1
2000	MAR	20	2346	59.21	19	17.43	155	26.96	8.18	18	.09	.4	1.3	LSW						1.1X	109	8
2000	MAR	21	0805	19.77	19	22.58	155	14.40	3.31	14	.05	.5	.4	SEC						1.5X	129	2
2000	MAR	21	0948	34.91	19	19.71	155	10.75	7.98	20	.06	.5	1.0	SF3						1.6X	116	5
2000	MAR	21	1905	10.09	19	12.38	155	4.85	47.64	26	.10	1.5	1.3	DEP						1.8X	225	11
2000	MAR	21	2010	17.19	19	29.22	154	48.97	10.17	14	.06	2.1	.9	LER						2.2X	316	0
2000	MAR	21	2037	43.33	19	23.27	155	17.09	6.16	11	.10	1.5	.9	INT L						2.0X	116	0
2000	MAR	21	2130	43.17	19	23.44	155	25.69	10.29	17	.09	.4	.8	KAO						1.0X	64	7
2000	MAR	22	0345	21.79	19	24.24	155	15.67	8.78	12	.09	.9	.9	INT L						2.3X	180	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
2000	MAR 30	1048	16.74	19	23.67	155	16.98	7.72	11	.07	1.0	1.2	INT L	1.6X 101 1
2000	MAR 30	1425	2.06	19	15.08	155	8.36	37.44	16	.06	1.6	.9	DEP	1.4X 226 4
2000	MAR 30	1425	21.25	19	20.40	155	12.72	9.27	31	.12	.4	.4	SF2	1.4X 117 4
2000	MAR 30	2026	51.00	19	25.25	155	16.05	7.63	12	.06	1.9	.8	INT L	2.3X 233 2
2000	MAR 30	2253	2.00	19	27.77	155	24.03	9.40	37	.11	.3	.5	KAO	1.7X 71 4
2000	MAR 31	0132	32.57	19	23.12	155	14.55	3.40	28	.11	.3	.3	SEC	2.4X 86 3
2000	MAR 31	0140	14.95	19	22.73	155	19.00	5.45	9	.07	1.8	2.4	INT L	1.6X 246 4
2000	MAR 31	0323	51.75	19	20.02	155	9.52	7.80	31	.09	.4	.4	SF3	1.3X 103 4
2000	MAR 31	0325	30.71	19	20.07	155	9.57	17.15	14	.07	6.1	1.1	SF3	1.3X 121 4
2000	MAR 31	0518	59.00	19	25.16	155	15.36	3.17	10	.11	.9	1.2	SNC L	1.5X 222 3
2000	MAR 31	0823	35.53	19	24.65	155	15.89	8.52	10	.13	2.2	2.1	INT L	2.3X 246 2
2000	MAR 31	1226	41.27	19	23.77	155	18.91	2.52	11	.06	.5	.8	SSC L	1.7X 179 4
2000	MAR 31	1354	26.01	19	19.23	155	25.28	10.28	15	.12	6.4	8.6	DIS	1.5X 312 58
2000	MAR 31	1407	8.16	19	22.22	155	25.92	9.97	19	.12	.5	1.0	KAO	1.0X 90 3
2000	MAR 31	1408	14.33	19	22.60	155	30.23	9.78	14	.08	.5	1.3	KAO	1.7U 119 5
2000	MAR 31	1559	14.32	19	20.28	155	11.67	9.17	25	.10	.6	.7	SF3	1.7X 115 5
2000	MAR 31	1600	53.12	19	20.19	155	11.83	8.65	22	.10	.5	.8	SF3	1.7X 117 5
2000	MAR 31	1607	37.37	19	24.04	155	16.07	7.52	9	.15	2.4	1.4	INT L	1.9X 219 1
2000	MAR 31	1821	45.08	19	23.43	155	15.94	6.41	9	.11	2.0	1.2	INT L	1.7X 211 1
2000	MAR 31	1823	57.43	19	30.88	155	4.00	15.95	30	.12	.8	1.2	DEP	2.0X 127 14
2000	MAR 31	2228	34.67	19	25.28	155	16.40	9.00	9	.11	2.2	1.1	INT L	2.4X 230 1
2000	MAR 31	2241	50.65	19	24.15	155	16.73	6.06	9	.08	1.3	1.2	INT L	1.9X 171 1
2000	APR 1	0155	58.51	19	20.66	155	5.81	8.02	23	.12	.6	.7	SF4	2.0U 156 6
2000	APR 1	0415	0.06	19	20.81	155	5.57	10.28	14	.07	.8	.9	SF4	1.3X 158 6
2000	APR 1	0527	3.29	19	21.66	155	30.70	25.05	13	.08	.9	1.4	DML	1.2X 129 13
2000	APR 1	0636	46.57	19	22.95	155	17.34	5.97	10	.06	.9	.8	INT L	1.8X 133 1
2000	APR 1	0946	9.95	19	17.14	155	13.47	11.07	15	.07	1.3	1.0	SF2	1.2X 246 9
2000	APR 1	1012	21.77	19	23.25	155	18.08	6.16	10	.07	1.2	1.7	INT L	1.6X 163 2
2000	APR 1	1715	21.34	19	25.99	155	29.86	9.96	25	.10	.4	1.0	KAO	1.6X 91 8
2000	APR 1	1730	18.53	19	25.16	155	17.02	6.62	10	.06	1.5	1.0	INT L	2.3X 179 0
2000	APR 1	1932	40.47	19	18.28	155	14.70	7.24	15	.10	.9	1.2	SF1	1.1X 196 7
2000	APR 1	1937	53.41	19	25.82	155	23.81	10.47	19	.07	.4	.9	KAO	1.4X 59 6
2000	APR 1	2018	19.68	19	20.73	155	12.50	9.46	45	.15	.5	.4	SF2 F	5.0U 169 4
2000	APR 1	2023	34.58	19	33.84	155	37.82	12.49	16	.13	1.9	.6	WLO	1.9X 243 6
2000	APR 1	2025	24.11	19	19.47	155	12.05	7.51	22	.13	.6	.7	SF3	2.1X 138 6
2000	APR 1	2027	52.54	19	33.02	155	37.30	10.51	37	.11	.5	.5	WLO	2.7X 194 7
2000	APR 1	2028	48.72	19	33.62	155	36.05	11.03	34	.11	.4	.4	WLO	2.8X 134 3
2000	APR 1	2113	54.17	19	19.83	155	7.78	8.97	20	.11	1.3	.6	SF4	2.0X 202 5
2000	APR 1	2232	26.31	19	21.10	155	14.45	9.96	11	.08	1.0	1.0	SF2	1.2X 155 3
2000	APR 1	2248	55.21	19	19.64	155	12.26	7.73	20	.11	.5	1.0	SF3	1.4X 126 6
2000	APR 1	2319	1.98	19	19.02	155	12.49	10.85	14	.13	.7	1.5	SF2	1.0X 136 7
2000	APR 2	0223	59.09	19	23.79	155	15.89	3.21	19	.10	.4	.3	SEC	1.9X 136 1
2000	APR 2	0341	20.16	19	24.78	155	16.56	6.76	10	.09	1.3	.8	INT L	1.8X 177 1
2000	APR 2	0913	1.43	19	20.34	155	12.36	7.66	15	.07	.5	1.1	SF2	1.2X 124 4
2000	APR 2	1014	22.11	19	21.73	155	19.55	8.41	9	.10	3.5	2.4	SWR L	2.3X 269 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
2000	MAR 26	1534	53.65	19	18.07	155	13.09	8.30	13	.05	.6	1.5	SF2	1.4X 171 8
2000	MAR 26	1556	23.78	19	46.31	156	5.73	0.00	15	.15	2.0	.5	HUA #	2.2X 283 28
2000	MAR 26	1746	1.39	19	20.42	155	17.68	46.10	25	.10	1.0	1.3	DEP	2.0X 61 1
2000	MAR 26	1905	35.94	19	22.64	155	18.87	6.27	10	.08	1.7	2.5	INT L	1.5X 164 4
2000	MAR 26	1956	44.12	19	24.77	155	17.53	5.60	10	.13	1.3	1.1	INT L	2.1X 83 1
2000	MAR 26	2030	19.57	19	32.84	155	50.01	31.53	14	.13	1.0	1.7	KON	1.3X 125 11
2000	MAR 26	2030	49.98	19	30.34	155	46.74	15.07	16	.12	.5	.7	KON	1.5X 87 15
2000	MAR 26	2212	31.08	19	24.47	155	18.89	8.41	9	.10	1.6	1.9	INT L	2.0X 155 3
2000	MAR 26	2300	4.03	19	30.63	155	47.45	15.74	18	.13	.5	.9	KON	1.8X 86 14
2000	MAR 26	2343	23.24	19	23.28	155	17.85	8.06	11	.07	1.6	1.1	INT L	1.8X 140 2
2000	MAR 27	0106	55.49	19	24.04	155	12.97	7.58	11	.17	2.5	1.3	SF2 L	2.0X 281 6
2000	MAR 27	0253	32.83	19	20.33	155	7.92	9.41	21	.08	.6	.6	SF4	1.7X 120 5
2000	MAR 27	0336	48.40	19	23.42	155	17.10	7.96	12	.15	1.4	.9	INT L	1.8X 105 1
2000	MAR 27	0626	25.47	19	23.44	155	17.49	5.25	11	.07	.7	1.0	INT L	1.7X 118 2
2000	MAR 27	0817	21.80	19	15.13	155	27.97	6.17	29	.11	.4	1.0	LSW	2.0X 115 4
2000	MAR 27	1119	13.98	19	23.94	155	15.53	6.75	10	.09	1.9	1.1	INT L	2.1U 246 2
2000	MAR 27	1249	30.32	19	20.48	155	8.46	7.85	12	.04	.7	1.1	SF4	1.4U 157 4
2000	MAR 27	1259	19.25	19	20.81	155	5.89	9.48	32	.08	.4	.5	SF4	2.0X 153 6
2000	MAR 27	1432	7.43	19	18.47	155	14.70	8.69	28	.10	.5	.5	SF1	1.2X 146 6
2000	MAR 27	1503	14.85	19	38.50	155	18.19	10.15	24	.11	.5	1.6	KEA	1.9X 124 18
2000	MAR 27	1535	13.91	19	36.49	155	10.69	46.27	11	.09	1.8	2.1	KEA	1.9X 231 24
2000	MAR 27	1831	52.47	19	26.47	155	15.20	19.93	22	.12	1.4	.6	DEP L	2.5X 147 4
2000	MAR 27	2039	47.13	19	18.00	155	14.60	9.70	14	.05	.8	1.0	SF1	1.1X 197 7
2000	MAR 28	0241	50.27	19	18.34	155	13.37	10.48	25	.10	.5	.6	SF2	1.4X 154 8
2000	MAR 28	0247	54.27	19	27.85	155	15.49	7.00	18	.07	.9	1.5	INT L	1.5X 155 6
2000	MAR 28	0500	14.42	19	22.64	155	29.70	8.64	16	.07	.5	.9	KAO	1.5X 83 4
2000	MAR 28	0914	17.76	19	23.22	155	29.41	9.13	13	.08	.5	1.2	KAO	1.0X 86 3
2000	MAR 28	0915	12.08	19	24.17	155	19.29	7.19	11	.10	1.5	1.7	KAO L	2.1X 170 4
2000	MAR 28	1039	4.60	19	17.98	155	13.01	7.27	13	.07	.8	2.0	SF2	1.2X 173 9
2000	MAR 28	1626	59.94	19	20.83	155	13.07	9.24	20	.08	.6	.9	SF2	1.8X 114 3
2000	MAR 28	1834	28.22	19	22.53	155	10.63	3.78	20	.11	.6	.4	SER	1.8X 125 2
2000	MAR 28	1952	52.88	19	25.85	155	14.08	0.03	8	.12	.7	1.3	SNC L#	2.4X 272 5
2000	MAR 28	2009	17.18	19	51.46	155	42.00	13.39	13	.08	1.0			

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
2000	APR	2	2030	0.50	19	25.36	155	15.40	9.69	9	.08	2.6	1.3	INT L	2.3X	255	3
2000	APR	2	2116	9.21	19	22.03	155	30.09	10.22	17	.08	.6	.9	KAO	1.4X	87	4
2000	APR	2	2218	59.03	19	20.00	155	11.97	8.85	24	.10	.5	.8	SF3	1.8X	120	5
2000	APR	2	2342	17.40	19	18.34	155	7.40	4.97	13	.11	1.3	5.3	SSF	1.1X	280	8
2000	APR	3	0312	52.59	19	25.18	155	19.13	4.45	14	.12	.9	1.4	KAO	1.4X	112	3
2000	APR	3	0608	14.16	19	19.90	155	11.56	9.95	17	.08	.6	1.0	SF3	1.5X	119	5
2000	APR	3	0707	5.07	19	25.32	155	17.36	5.30	10	.13	1.9	.9	INT L	1.7X	194	0
2000	APR	3	1003	22.76	19	20.03	155	9.62	8.23	14	.05	.6	1.1	SF3	1.2X	108	4
2000	APR	3	2033	19.39	19	25.38	155	16.65	6.30	10	.10	1.2	.7	INT L	1.8X	189	1
2000	APR	4	0122	22.99	19	19.39	155	11.50	8.55	25	.11	.5	.4	SF3	1.8X	138	6
2000	APR	4	0127	19.44	19	19.41	155	11.57	7.25	15	.05	.5	1.2	SF3	1.3X	138	6
2000	APR	4	0135	7.23	19	25.52	155	16.54	9.39	9	.07	1.9	1.4	INT L	2.0X	193	1
2000	APR	4	0609	20.90	19	12.92	155	28.24	7.59	25	.14	.6	.8	LSW	1.8X	182	5
2000	APR	4	0728	39.81	19	25.43	155	16.55	8.66	9	.08	2.4	1.0	INT L	2.5X	229	1
2000	APR	4	0901	57.25	19	19.36	155	11.65	6.90	23	.11	.6	.9	SF3	1.8X	140	6
2000	APR	4	1221	12.10	19	19.51	155	11.45	9.54	23	.08	.6	.8	SF3	1.9X	136	5
2000	APR	4	1617	48.15	19	25.17	155	15.08	8.73	13	.10	1.7	.8	INT L	2.4X	255	3
2000	APR	4	1638	3.78	19	24.43	155	16.41	7.53	10	.13	2.0	.7	INT L	2.1X	215	1
2000	APR	4	1657	11.70	19	25.32	155	15.57	6.52	9	.12	2.0	1.1	INT L	2.2X	245	3
2000	APR	4	1912	55.42	19	25.70	155	15.42	8.63	11	.10	2.4	1.0	INT L	1.9X	249	3
2000	APR	4	2109	19.66	19	20.71	155	10.87	9.00	12	.06	.7	1.0	SF2	1.5X	188	8
2000	APR	4	2209	13.56	19	11.86	155	38.91	10.29	13	.09	.8	1.1	SF3	1.2X	110	6
2000	APR	5	0002	10.65	20	2.12	155	45.77	24.67	34	.07	.6	.9	KOH	2.3X	123	10
2000	APR	5	0031	29.83	19	24.47	155	17.05	11.58	9	.10	1.9	1.0	INT L	2.0X	111	1
2000	APR	5	0046	10.30	19	26.42	155	16.32	9.06	11	.07	1.4	.8	INT L	2.3X	203	3
2000	APR	5	0126	31.13	19	24.89	155	16.68	7.97	11	.09	1.1	.7	INT L	2.4X	177	1
2000	APR	5	0206	54.73	19	18.47	155	13.56	11.34	13	.14	.9	1.4	SF2	1.3X	147	8
2000	APR	5	0207	15.70	19	23.66	155	19.10	6.52	10	.05	2.7	2.5	KAO L	1.8X	216	4
2000	APR	5	0352	26.36	19	20.33	155	12.25	6.83	14	.06	.8	1.1	SF3	1.2X	123	4
2000	APR	5	0416	52.05	19	24.40	155	17.61	10.42	11	.11	1.7	1.0	INT L	1.9X	86	1
2000	APR	5	0702	1.83	19	24.56	155	16.71	7.91	9	.13	2.0	1.0	INT L	2.0X	198	1
2000	APR	5	0910	7.29	19	24.90	155	16.58	7.97	13	.17	2.0	1.1	INT L	2.2X	217	1
2000	APR	5	0944	25.73	19	19.76	155	9.07	8.58	15	.06	.5	.8	SF4	1.2X	103	4
2000	APR	5	0944	33.89	19	19.93	155	9.08	7.48	17	.09	.5	.8	SF4	2.2U	101	4
2000	APR	5	1008	17.97	19	19.00	155	13.05	9.47	21	.08	.6	.7	SF2	1.8X	168	7
2000	APR	5	1157	13.32	19	24.56	155	16.95	10.04	17	.07	.7	.6	INT L	2.0X	118	1
2000	APR	5	1203	18.40	19	19.18	155	12.95	8.32	10	.03	1.0	1.5	SF2	1.2X	213	6
2000	APR	5	1550	52.96	19	18.89	155	12.58	8.91	21	.10	.6	1.0	SF2	1.1X	152	7
2000	APR	5	1605	11.66	19	24.37	155	17.51	9.04	10	.08	2.6	1.4	INT L	2.0X	139	1
2000	APR	5	1725	19.47	19	19.58	155	9.50	9.49	13	.06	1.1	1.3	SF3	1.1X	257	5
2000	APR	5	1837	50.02	19	22.54	155	19.64	5.55	10	.08	2.5	5.4	KAO L	1.9X	153	5
2000	APR	5	2108	48.10	19	25.13	155	15.28	7.28	9	.07	1.7	.8	INT L	2.0X	251	3
2000	APR	5	2354	1.06	19	23.49	155	17.08	3.31	9	.10	.7	.5	SSC L	1.5X	105	0

ORIGIN TIME (HST)		LAT N	LON W	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN								
YEAR	MON	DA	HR	MIN	SEC	DEG	MIN	SEC	KM	KM	RM	REMK	MAG	GAP	DS				
2000	APR	8	09	29	30.93	18	55.56	155	18.34	56.15	13	1.2	4.2	1.7	LOI	F#	334	36	
2000	APR	8	10	59	53.78	19	25.26	155	16.60	8.43	14	1.1	.8	.9	INT	L	2.3X	159	1
2000	APR	8	14	41	29.17	19	19.64	155	12.99	9.62	24	1.1	.6	.7	SF2		1.6X	129	6
2000	APR	8	18	37	44.12	19	25.23	155	17.30	8.74	13	1.2	1.2	.9	INT	L	2.4X	155	1
2000	APR	8	18	54	23.14	19	21.55	155	19.61	6.53	11	.08	2.3	3.8	SWR	L	2.0X	258	6
2000	APR	8	20	32	8.93	19	24.57	155	17.25	10.81	14	.07	.9	.7	INT	L	2.2X	80	1
2000	APR	8	23	06	33.63	19	23.54	155	17.90	5.75	12	1.1	1.3	1.4	INT	L	2.2X	133	2
2000	APR	8	23	33	1.19	19	20.25	155	7.20	6.50	15	.07	.6	1.0	SF4		.8X	202	6
2000	APR	9	00	22	25.73	19	21.75	155	26.69	11.22	32	1.1	.4	.6	KAO		1.8X	175	2
2000	APR	9	02	53	34.28	19	24.99	155	17.16	10.62	12	1.0	1.0	1.1	INT	L	1.7X	75	0
2000	APR	9	04	44	8.17	19	24.34	155	16.53	14.02	16	1.0	.7	.9	DEP		1.1X	140	1
2000	APR	9	06	21	49.33	19	25.09	155	16.53	3.75	13	.06	.6	.3	SNC	L	2.0X	168	1
2000	APR	9	07	11	50.60	19	38.24	154	58.78	28.65	15	1.1	1.6	2.9	HIL		1.1X	272	24
2000	APR	9	10	21	23.13	19	24.80	155	16.70	14.18	14	1.2	1.2	1.5	DEP	L	1.8X	144	1
2000	APR	9	10	21	36.82	19	25.24	155	15.63	11.72	13	1.0	1.1	1.2	INT	L	3.2U	171	2
2000	APR	9	13	01	6.35	19	19.96	155	11.58	9.35	24	.09	.5	.6	SF3		1.6X	127	5
2000	APR	9	19	43	58.67	19	20.95	155	7.97	9.30	14	.07	.7	.9	SF4		1.6X	173	4
2000	APR	9	19	44	2.53	19	23.02	155	14.71	2.47	14	.08	.5	.7	SEC		1.5X	153	2
2000	APR	9	19	48	30.92	19	22.52	155	14.80	4.11	11	.09	1.5	1.2	SEC		1.1X	178	2
2000	APR	9	19	48	45.97	19	21.62	155	14.82	3.65	10	.07	1.6	.7	KOA		.7X	250	2
2000	APR	9	19	49	1.80	19	23.02	155	14.70	2.07	10	.07	1.2	2.3	SEC		.7X	153	2
2000	APR	9	23	17	11.72	19	25.30	155	15.45	7.39	12	.24	3.2	1.5	INT	L	1.9X	247	3
2000	APR	9	23	49	4.49	19	20.96	155	1.89	6.22	22	1.2	.9	1.2	SF5		1.4X	195	9
2000	APR	10	01	04	49.61	19	25.29	155	0.72	8.83	18	.09	.9	.8	SF5		1.6X	158	4
2000	APR	10	05	06	27.11	19	23.11	155	18.84	5.40	7	.07	3.0	3.0	INT	L	.8X	137	3
2000	APR	10	05	06	36.48	19	23.32	155	19.58	4.92	12	.06	1.2	3.3	KAO	L	2.0X	228	5
2000	APR	10	05	56	22.86	19	19.97	155	49.40	8.00	16	1.3	.8	1.2	KON		1.5X	115	9
2000	APR	10	10	37	49.02	19	25.74	155	16.94	9.44	13	1.0	1.1	.9	INT	L	2.3X	113	1
2000	APR	10	12	07	15.19	19	24.18	155	17.41	1.70	13	.09	.5	.3	SSC		1.7X	78	1
2000	APR	10	15	13	1.75	19	18.85	155	26.34	8.77	15	.08	.5	1.3	SSW		.9X	128	6
2000	APR	10	16	04	48.63	19	19.59	155	13.60	9.25	27	1.0	.5	.7	SF2		1.5X	131	6
2000	APR	10	18	48	41.39	19	22.44	155	15.97	7.14	11	.08	1.5	.8	INT	L	2.1X	140	0
2000	APR	10	18	54	15.62	19	24.46	155	17.72	8.90	12	.09	1.6	1.2	INT	L	2.0X	84	1
2000	APR	10	21	43	17.01	19	23.43	155	17.39	3.04	21	1.1	.4	.3	SSC		1.7X	78	1
2000	APR	10	22	01	4.19	19	20.33	155	6.69	7.80	19	.06	.5	.7	SF4		1.5X	145	6
2000	APR	10	22	13	37.35	19	23.75	155	2.97	1.91	23	1.0	.6	.7	SME		2.2X	146	8
2000	APR	10	23	02	7.63	19	19.15	155	10.29	7.92	24	1.3	.6	.8	SF3		1.5X	134	5
2000	APR	10	23	31	36.18	19	51.74	156	32.80	5.99	24	1.3	1.7	1.9	DIS		2.5X	236	77
2000	APR	11	00	23	3.65	19	23.54	155	17.09	3.34	20	.08	.4	.2	SSC		1.5X	76	0
2000	APR	11	07	53	15.27	19	23.73	155	16.75	6.60	11	.08	1.7	.9	INT	L	1.9X	100	0
2000	APR	11	08	05	14.82	19	26.76	155	24.34	10.99	32	1.0	.4	.6	KAO		1.8X	58	6
2000	APR	11	10	04	35.07	19	29.14	154	53.78	2.43	26	1.0	.4	.6	SLE	F	2.2X	159	4
2000	APR	11	10	06	16.22	19	29.57	154	54.24	0.86	18	1.3	.3	.5	SLE	F	2.0X	171	4
2000	APR	11	15	02	6.39	19	17.34	155	29.92	8.64	14	.08	.6	1.5	LSW		1.0X	149	10
2000	APR	11	17	39	39.85	19	22.70	154	49.16	41.92	41	1.1	1.2	.6	LER		2.8X	263	9

ORIGIN TIME (HST)		LAT N	LON W	DEPTH	N RMS	ERH	ERZ	LOC	PREF	AZ	MIN								
YEAR	MON	DA	HR	MIN	SEC	DEG	MIN	SEC	KM	KM	RM	REMK	MAG	GAP	DS				
2000	APR	11	19	08	1.78	19	17.30	155	15.53	6.33	11	.10	.9	1.5	SF1		1.0X	202	6
2000	APR	11	23	14	46.70	19	16.84	155	28.88	7.81	11	.08	.6	2.2	LSW		.9X	127	10
2000	APR	12	03	14	4.66	19	19.75	155	11.07	6.71	19	.07	.5	.9	SF3		1.1X	128	5
2000	APR	12	05	03	30.89	19	19.98	155	13.69	6.21	19	.10	.5	1.2	SF2		1.0X	132	5
2000	APR	12	05	07	52.99	19	19.69	155	7.70	8.41	24	.07	.4	.5	SF4		1.5X	129	4
2000	APR	12	05	12	51.53	19	13.47	155	28.62	0.66	14	.16	.9	.5	LSW		1.5U	178	8
2000	APR	12	06	50	1.49	19	30.94	155	57.56	8.60	23	.25	1.4	.8	KON		1.9X	232	5
2000	APR	12	07	36	13.93	19	18.67	155	13.40	6.43	17	.08	.5	1.3	SF2		1.2X	143	7
2000	APR	12	08	41	27.10	19	13.24	155	45.86	7.74	20	.13	.6	1.8	KON		1.4X	114	7
2000	APR	12	09	54	17.07	19	11.45	155	29.52	31.65	18	1.2	1.5	1.6	DLS		1.3X	201	11
2000	APR	12	11	37	40.82	19	17.51	155	30.95	7.02	28	.18	.6	1.7	LSW		1.6X	125	11
2000	APR	12	12	53	31.53	19	24.33	155	17.53	8.04	12	.08	1.1	.9	INT	L	1.8X	137	1
2000	APR	12	13	04	28.68	19	19.77	155	17.56	8.33	21	.07	.7	.8	SWR		1.5X	154	1
2000	APR	12	18	54	16.80	19	21.19	155	18.35	3.21	19	.10	.4	.8	SWR		1.6X	112	5
2000	APR	12	19	52	16.39	19	4.25	155	11.19	12.31	9	.09	1.7	.6	LOI		1.1X	304	28
2000	APR	12	23	54	50.60	19	32.73	155	37.02	12.51	12	.09	.6	.8	MLO		1.4U	119	4
2000	APR	13	02	21	8.05	19	50.65	155	31.37	20.15	27	.07	.7	1.1	KEA		1.8X	116	10
2000	APR	13	07	32	17.63	19	24.41	155	17.19	8.44	14	.09	1.2	.8	INT	L	2.1X	95	1
2000	APR	13	08	15	51.22	19	25.15	155	16.07	10.66	12	.07	2.0	.8	INT	L	1.9X	231	2
2000	APR	13	09	09	19.58	19	26.86	155	29.29	10.67	11	.08	.6	1.9	KAO		1.7X	152	12
2000	APR	13	11	38	6.40	19	19.69	155	26.56	30.25	14	.09	1.1	1.6	DML		1.3U	163	6
2000	APR	13	11	57	56.63	19	29.12	154	54.11	2.69	12	.09	.5	.6	SLE		1.5X	163	4
2000	APR	13	14	52	31.80	19	20.00	155	11.85	7.66	21	.08	.4	1.1	SF3		1.1X	135	7
2000	APR	13	19	16	36.73	19	18.68	155	12.96	6.79	25	1.0	.4	1.1	SF2		1.2X	158	7
2000	APR	13	21	36	51.04	19	11.84	155	30.82	0.75	38	1.3	.7	.3	LSW	F	1.7X	185	13
2000	APR	13	22	36	45.81	19	26.13	155	16.94	7.53	11	.07	1.5	.8	INT	L	1.4X	191	2
2000	APR	13	23	37	7.55	19	25.15	155	15.88	10.00	11	1.1	1.9	1.5	INT	L	1.6X	189	2
2000	APR	13	23	41	46.19	21	21.90	155	20.01	7.33	11	1.0	2.9	4.1	SWR	L	2.5X	256	6
2000	APR	14	06	10	8.94	19	27.00	155	23.84	12.07	22	.08	.6	.6	KAO		1.6X	68	5
2000	APR	14	07	48	15.29	19	16.00	155	32.55	9.70	16	.08	.4	1.0	LSW		1.4X	131	5
2000	APR	14	09	57	50.30	19	28												

ORIGIN TIME (HST)										ORIGIN TIME (HST)																								
YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LONG W	DEG	MIN	SEC	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	PREF	AZ	MIN	
YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LONG W	DEG	MIN	SEC	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	N	RMS	DEPTH	PREF	AZ	MIN	
2000	APR	15	1809	6.20	19	25.17	155	19.54	4.63	15	.09	.8	1.7	KAO	1.1X	106	3																	
2000	APR	15	1812	38.25	19	20.17	155	8.20	6.80	16	.09	.6	1.0	SF4	.9X	166	5																	
2000	APR	15	2017	58.11	19	48.31	155	53.89	33.44	14	.12	2.6	1.7	HUA	1.3U	269	14																	
2000	APR	15	2139	5.87	19	22.47	155	14.27	3.50	16	.06	.6	.4	SEC	1.7X	128	2																	
2000	APR	16	0112	38.61	19	24.37	155	26.66	7.58	12	.11	.8	1.7	KAO	1.0X	143	4																	
2000	APR	16	0223	49.56	19	21.08	155	0.93	8.26	27	.15	1.2	.6	SF5	1.8X	194	8																	
2000	APR	16	0553	29.66	19	15.97	155	26.34	10.03	14	.10	.9	1.2	LSW	1.7U	125	5																	
2000	APR	16	0809	1.82	19	30.02	155	27.69	7.34	25	.11	.4	1.2	MLO	1.8X	77	8																	
2000	APR	16	1024	18.94	19	24.60	155	16.37	15.96	19	.11	.9	.9	DEP	1.6X	132	1																	
2000	APR	16	1252	35.04	19	20.51	155	11.46	7.41	26	.11	.5	.6	SF3	1.8X	117	4																	
2000	APR	16	1401	23.61	19	19.82	155	11.85	8.92	18	.12	.7	1.0	SF3	1.0X	131	5																	
2000	APR	16	1441	26.19	19	17.35	155	14.48	9.83	12	.08	1.7	1.0	SF2	.9X	266	7																	
2000	APR	16	1719	48.12	19	24.69	155	17.50	7.56	14	.12	.9	1.0	INT L	2.0X	82	1																	
2000	APR	16	1735	42.97	19	18.34	155	15.21	8.67	18	.06	.9	.6	SF1	1.2X	211	5																	
2000	APR	16	1856	18.45	19	21.41	155	30.43	9.77	12	.10	.6	1.4	KAO	1.4U	117	5																	
2000	APR	16	2007	18.10	19	44.27	155	20.57	14.26	8	.11	1.1	1.6	KEA	1.3U	191	13																	
2000	APR	16	2115	34.33	19	24.43	155	16.92	1.72	14	.12	.6	.2	SSC	1.5X	124	1																	
2000	APR	16	2236	38.02	19	23.86	155	18.70	11.91	12	.14	3.5	1.4	INT L	2.0X	206	3																	
2000	APR	16	2240	35.19	19	4.66	155	33.99	11.69	12	.10	1.9	.7	LSW	1.1U	245	23																	
2000	APR	17	0058	46.58	19	28.36	155	26.11	8.19	15	.11	.6	1.6	KAO	1.0X	80	6																	
2000	APR	17	0104	42.89	19	28.57	155	25.96	9.10	15	.11	.7	1.5	KAO	1.1X	84	5																	
2000	APR	17	0205	32.41	19	25.96	155	17.52	8.41	11	.09	2.1	.9	INT L	2.4X	210	1																	
2000	APR	17	0214	25.33	19	11.72	155	26.71	14.36	12	.21	2.8	1.1	DLS	1.3U	219	7																	
2000	APR	17	0225	14.93	19	22.37	155	20.56	3.94	12	.11	1.1	3.6	KAO	1.2X	252	7																	
2000	APR	17	0248	59.79	18	54.49	155	11.38	50.25	17	.12	2.2	2.0	LOI	1.9X	274	43																	
2000	APR	17	0306	3.80	19	36.91	155	34.30	12.26	11	.12	1.4	1.0	KEA	1.0X	264	9																	
2000	APR	17	0443	15.79	19	11.43	155	28.13	31.71	15	.07	1.2	1.8	DLS	1.1X	209	9																	
2000	APR	17	0714	49.38	19	26.40	155	19.23	6.67	11	.13	.9	1.2	KAO	1.1X	165	3																	
2000	APR	17	0821	2.60	19	10.21	155	31.98	9.49	12	.08	1.5	1.9	LSW	1.3U	205	16																	
2000	APR	17	1213	27.60	19	20.54	155	11.83	9.98	12	.08	1.0	.7	SF3	1.4X	136	4																	
2000	APR	17	1402	51.48	19	24.77	155	14.53	2.77	9	.04	.6	.8	SNC	1.5X	207	4																	
2000	APR	17	1444	58.33	19	22.83	155	14.42	3.42	11	.20	1.1	.8	SEC	.9X	148	2																	
2000	APR	17	1630	9.94	19	58.36	155	28.67	14.21	20	.12	2.2	.6	KEA	1.7X	251	17																	
2000	APR	17	1747	49.90	19	16.00	155	26.76	3.03	12	.11	.5	1.4	LSW	.9U	128	6																	
2000	APR	17	1928	51.64	19	20.13	155	11.65	8.93	22	.06	.5	.6	SF3	1.5X	124	5																	
2000	APR	17	2110	14.81	19	19.30	155	21.50	29.39	10	.06	2.5	1.4	DEP	.8U	111	4																	
2000	APR	17	2302	0.07	19	25.91	155	17.04	14.05	11	.07	1.3	1.1	DEP L	1.6X	175	1																	
2000	APR	17	2328	18.21	18	58.24	155	47.06	16.07	11	.13	4.2	1.9	DLS	2.9U	283	20																	
2000	APR	18	0325	49.93	19	25.19	155	15.86	1.69	7	.04	1.2	.9	SNC	1.3X	263	2																	
2000	APR	18	0349	44.43	19	11.61	155	14.76	44.76	21	.10	1.5	1.2	DEP	2.0U	218	14																	
2000	APR	18	0447	20.06	19	19.67	155	6.82	8.99	15	.07	.5	.7	SF4	1.3X	151	5																	
2000	APR	18	0852	20.78	19	29.60	155	28.66	2.12	15	.10	.5	1.1	KAO	1.0X	105	9																	
2000	APR	18	1126	42.53	19	22.00	155	24.83	14.05	23	.10	.5	.6	DEP	1.6X	64	2																	
2000	APR	18	1700	9.62	19	21.22	155	17.08	1.59	15	.06	.3	.4	SWR	1.3X	127	4																	
2000	APR	18	1701	57.66	19	20.96	155	16.55	1.59	15	.25	.5	.6	KOA	1.4X	151	2																	

YEAR	MON	DA	HRMN	SEC	ORIGIN TIME (HST)	LAT N	DEG	MIN	SEC	DEPTH N	KM	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HRMN	SEC	ORIGIN TIME (HST)	LAT N	DEG	MIN	SEC	DEPTH N	KM	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
2000	APR	22	0858	54.42	18 55.62	155	11.10	9.44	16	.13	1.4	1.4	1.5	LOI		2.0U	306	40
2000	APR	22	0945	42.46	19 44.35	155	24.26	15.83	8	.13	1.8	1.5	KEA		1.5X	160	17	
2000	APR	22	1036	10.74	19 25.90	155	16.55	1.93	17	.09	.3	.3	SNC		2.6X	123	2	
2000	APR	22	1039	38.21	19 25.68	155	16.36	1.49	11	.05	.4	.4	SNC		2.1X	174	2	
2000	APR	22	1157	12.84	19 24.19	155	17.04	2.12	11	.05	.4	.3	SSC		1.4X	152	1	
2000	APR	22	1332	44.15	19 26.36	155	16.58	1.56	10	.08	.7	.9	SNC		1.6X	210	3	
2000	APR	22	1348	50.98	19 9.79	155	29.16	3.06	16	.14	2.5	2.9	LSW		1.5X	304	12	
2000	APR	22	1403	43.44	19 25.90	155	16.55	1.89	7	.02	1.2	.8	SNC		1.3X	188	1	
2000	APR	22	1420	10.02	19 12.90	155	27.72	1.08	13	.16	1.5	.7	LSW		.8X	191	7	
2000	APR	22	1656	14.52	19 49.76	156	3.50	40.53	24	.11	1.1	1.5	HUA		2.4X	180	28	
2000	APR	22	2135	21.65	19 19.32	155	13.32	9.91	21	.10	.6	.6	SF2		1.5X	142	6	
2000	APR	22	2254	44.53	19 50.50	155	31.96	20.77	14	.07	1.1	2.5	KEA		1.6U	191	21	
2000	APR	22	2259	37.80	19 19.26	155	11.76	6.62	16	.09	.6	1.5	SF3		1.2X	142	6	
2000	APR	23	0448	20.50	19 49.36	155	50.70	12.90	24	.11	1.0	.6	HUA		1.9X	169	15	
2000	APR	23	0613	54.10	19 32.61	154	44.59	2.76	15	.14	4.0	2.8	HIL		1.5X	335	11	
2000	APR	23	0808	21.70	19 21.30	155	32.56	6.07	14	.13	1.4	3.9	MLO		1.4X	242	9	
2000	APR	23	0822	6.16	19 30.50	156	20.50	19.16	8	.06	2.910	.6	DIS		-	2.5U	311	45
2000	APR	23	0916	15.65	19 21.94	155	14.45	13.68	13	.05	.9	1.0	DEP		1.5X	137	4	
2000	APR	23	1122	25.71	18 51.51	155	12.66	10.70	10	.07	1.4	1.0	LOI		1.4X	326	47	
2000	APR	23	1207	50.31	19 6.35	155	27.72	45.30	11	.09	2.7	1.9	DLS		1.7X	303	27	
2000	APR	23	1354	20.51	19 22.79	155	29.66	9.22	10	.08	.9	1.2	KAO		1.2U	185	4	
2000	APR	23	1416	22.29	19 20.70	155	7.07	8.60	24	.06	.4	.6	SF4		2.1X	134	5	
2000	APR	23	2328	34.76	19 37.20	155	17.93	7.45	6	.18	4.319	2	KEA		.8U	256	17	
2000	APR	24	0017	57.05	19 26.13	155	16.36	11.59	6	.04	1.1	1.6	INT L		1.5X	193	3	
2000	APR	24	0240	52.44	19 24.85	155	18.31	9.79	9	.07	4.3	1.3	INT L		1.7X	181	2	
2000	APR	24	0241	28.84	19 24.87	155	16.59	10.43	10	.05	2.7	1.0	INT L		1.6X	165	1	
2000	APR	24	0250	9.43	19 8.97	155	20.11	29.08	11	.10	2.3	1.6	LOI		.9U	246	12	
2000	APR	24	0256	15.86	19 49.68	155	47.11	8.57	17	.15	.6	.9	HUA		1.7X	143	17	
2000	APR	24	0334	46.10	19 53.11	155	54.69	14.97	11	.11	2.1	1.0	HUA		1.8X	268	23	
2000	APR	24	0534	30.43	18 50.92	155	8.02	46.96	10	.08	3.7	3.1	LOI		1.3U	300	52	
2000	APR	24	0646	30.57	19 50.38	155	47.14	8.37	11	.08	.7	.9	HUA		1.6X	244	18	
2000	APR	24	0653	37.18	19 26.61	155	28.69	8.25	22	.09	.4	1.4	KAO		1.6X	64	11	
2000	APR	24	0725	57.72	19 29.23	154	53.95	2.49	12	.07	.6	.6	SLE		.9X	153	4	
2000	APR	24	0727	38.94	19 28.95	154	53.57	1.38	15	.12	.4	.7	SLE		2.1U	146	4	
2000	APR	24	0819	45.51	19 16.08	155	13.09	7.66	15	.07	.8	1.5	SF2		1.8X	186	9	
2000	APR	24	1306	24.59	19 16.80	155	12.72	3.78	12	.07	.811	.6	SSF		-	1.5X	175	8
2000	APR	24	1359	42.42	19 23.24	155	18.66	8.45	8	.12	2.8	4.0	INT L		1.9X	168	4	
2000	APR	24	1423	27.55	19 25.04	155	17.96	8.50	14	.20	1.9	1.2	INT L		2.0X	88	1	
2000	APR	24	1429	23.79	19 23.77	155	18.94	10.41	10	.12	2.2	1.9	INT L		1.9X	168	4	
2000	APR	24	1441	1.54	19 24.86	155	17.62	7.88	13	.08	1.6	1.0	INT L		2.3X	85	1	
2000	APR	24	1446	40.54	19 23.66	155	18.51	8.08	8	.10	1.9	1.4	INT L		1.6X	170	3	
2000	APR	24	1508	4.44	19 24.82	155	16.00	6.66	10	.09	1.2	.8	INT L		1.8X	182	2	
2000	APR	24	1510	55.15	19 12.05	155	41.11	11.31	16	.15	.8	.9	LSW		1.4X	158	9	
2000	APR	24	1522	29.01	19 23.04	155	16.43	6.08	8	.10	.8	1.3	INT L		2.1X	107	1	
2000	APR	24	1525	32.98	19 22.58	155	19.71	5.93	9	.07	5.010	.4	KAO L		1.7X	243	6	

YEAR	MON	DA	HRMN	SEC	ORIGIN TIME (HST)	LAT N	DEG	MIN	SEC	DEPTH N	KM	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HRMN	SEC	ORIGIN TIME (HST)	LAT N	DEG	MIN	SEC	DEPTH N	KM	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
2000	APR	24	1538	28.28	19 25.30	155	16.38	6.48	9	.08	1.4	.9	INT L		1.8X	185	2	
2000	APR	24	1554	41.05	19 24.33	155	17.59	9.90	9	.07	2.7	1.5	INT L		1.8X	141	1	
2000	APR	24	1558	31.55	19 24.83	155	16.17	12.76	12	.23	2.7	1.4	INT L		2.5X	180	1	
2000	APR	24	1600	12.60	19 30.52	155	10.03	4.10	5	.0510	.913	1	GLN L		1.7X	321	16	
2000	APR	24	1618	0.86	19 25.86	155	16.75	9.64	10	.09	2.9	1.1	INT L		2.0X	223	2	
2000	APR	24	1628	54.96	19 24.34	155	15.10	0.01	9	.10	.4	.8	SEC #		.6X	197	3	
2000	APR	24	1633	16.64	19 24.58	155	17.53	10.03	8	.08	3.1	1.6	INT L		1.8X	171	2	
2000	APR	24	1645	42.52	19 23.85	155	17.35	9.04	8	.05	.9	.9	INT L		2.0X	139	1	
2000	APR	24	1652	32.06	19 23.10	155	14.86	3.48	17	.08	.4	.4	SEC		1.7X	136	2	
2000	APR	24	1656	3.52	19 23.25	155	14.84	3.47	19	.09	.4	.3	SEC		2.0X	139	2	
2000	APR	24	1704	40.02	19 17.64	155	14.62	7.89	20	.10	.6	1.0	SF1		1.1X	158	7	
2000	APR	24	1706	55.38	19 21.16	155	15.74	8.92	10	.05	1.8	1.1	SF1		1.3X	274	2	
2000	APR	24	1712	2.28	19 24.99	155	16.86	12.36	10	.08	4.2	1.2	INT L		1.8X	211	0	
2000	APR	24	1717	27.03	19 22.92	155	14.51	2.80	10	.08	.5	.6	SEC		1.0X	151	3	
2000	APR	24	1735	47.65	19 16.67	155	12.25	8.14	14	.09	.7	1.7	SF3		1.2X	203	8	
2000	APR	24	1741	9.57	19 24.48	155	16.51	7.94	12	.09	1.1	.8	INT L		2.0X	157	1	
2000	APR	24	1801	48.66	19 23.60	155	18.05	8.81	9	.10	3.1	1.2	INT L		1.7X	208	3	
2000	APR	24	1834	15.19	19 26.49	155	15.33	8.99	11	.07	1.7	1.1	INT L		1.8X	217	4	
2000	APR	24	1822	56.19	19 24.64	155	15.50	7.45	11	.09	2.6	.8	INT L		1.8X	186	2	
2000	APR	24	1847	39.05	19 25.79	155	16.21	12.78	10	.15	1.4	1.7	INT L		2.3X	196	2	
2000	APR	24	2030	37.66	19 24.68	155	17.84	9.82	10	.08	3.8	1.0	INT L		1.6X	169	1	
2000	APR	24	2108	16.94	19 10.42	155	28.05	35.38	11	.10	1.9	1.5	DLS		1.3U	217	10	
2000	APR	24	2121	18.26	19 25.24	155	16.61	10.40	12	.08	1.1	1.0	INT L		2.1X	170	1	
2000	APR	24	2144	37.37	19 22.97	155	15.39	6.01	8	.07	1.8	1.6	INT L		.9X	137		

ORIGIN TIME (HST)										ORIGIN TIME (HST)														
YEAR	MON	DA	HR	MIN	SEC	LAT	N	DEG	MIN	SEC	LON	W	DEG	MIN	SEC	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HR	MIN	SEC	LAT	N	DEG	MIN	SEC	LON	W	DEG	MIN	SEC	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HR	MIN	SEC	LAT	N	DEG	MIN	SEC	LON	W	DEG	MIN	SEC	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
YEAR	MON	DA	HR	MIN	SEC	LAT	N	DEG	MIN	SEC	LON	W	DEG	MIN	SEC	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
2000	APR	25	2234	16.44	19	19.96	155	15.27	7.87	15.09	6.12	1.2	SF1	1.0X	126	5								
2000	APR	25	2252	10.14	19	26.02	155	16.69	10.65	10.12	2.6	1.4	INT L	2.3X	201	2								
2000	APR	26	0013	46.41	19	27.29	155	16.31	9.42	11.10	2.1	1.0	INT L	2.5X	231	4								
2000	APR	26	0328	32.35	19	24.96	155	16.75	8.58	11.18	2.2	1.2	INT L	1.8X	167	0								
2000	APR	26	0330	34.64	19	17.32	155	23.31	37.10	13.10	1.9	1.7	DEP	1.6U	160	5								
2000	APR	26	0721	49.28	19	24.74	155	17.45	10.90	12.07	1.0	1.3	INT L	1.8X	82	1								
2000	APR	26	1128	27.98	19	23.96	155	16.32	10.40	14.12	9.1	1.1	INT L	1.8X	103	0								
2000	APR	26	1304	47.71	19	20.44	155	13.05	9.07	17.05	5.1	1.1	SF2	1.3X	123	4								
2000	APR	26	1421	2.54	19	21.04	155	13.01	8.38	22.10	5.6	SF2	1.5X	111	3									
2000	APR	26	1557	24.21	19	18.88	155	23.62	28.32	15.10	1.3	1.7	DEP	.9X	137	3								
2000	APR	26	1624	23.66	19	24.26	155	17.34	10.41	11.11	2.0	.9	INT L	1.8X	134	1								
2000	APR	27	2329	4.24	19	17.80	155	23.76	33.97	27.11	9.1	1.3	DEP	2.2X	94	5								
2000	APR	26	2309	29.70	19	21.45	155	18.73	4.28	11.09	7.2	5	SWR	.9X	121	5								
2000	APR	27	0501	16.05	18	59.63	155	30.64	39.75	16.08	2.1	1.7	DLS	1.3X	269	29								
2000	APR	27	1006	58.77	19	24.15	155	29.82	15.60	15.10	8.1	1.5	DML	1.3X	162	14								
2000	APR	27	1229	18.41	19	26.29	155	28.97	8.32	15.08	5.1	1.6	KAO	1.3X	137	12								
2000	APR	28	0409	42.49	19	18.65	154	59.37	40.78	19.08	1.9	1.5	LER	1.7X	237	12								
2000	APR	28	1638	13.78	19	19.23	155	29.66	8.57	13.06	6.1	2	KAO	1.4X	106	4								
2000	APR	28	0851	51.47	19	22.88	155	14.40	3.59	17.06	5.4	.4	SEC	1.5X	136	3								
2000	APR	28	0045	3.44	19	23.30	155	14.80	2.77	8.06	1.1	2.4	SEC	1.4X	164	3								
2000	APR	28	0118	56.14	19	10.98	155	29.10	4.52	12.15	2.714	4	LWS	-	1.2X	288	11							
2000	APR	28	0409	42.49	19	18.65	154	59.37	40.78	19.08	1.9	1.5	LER	1.7X	237	12								
2000	APR	28	0706	58.66	19	22.96	155	29.66	8.57	13.06	6.1	2	KAO	1.4X	106	4								
2000	APR	28	0851	51.47	19	22.88	155	14.40	3.59	17.06	5.4	.4	SEC	1.5X	136	3								
2000	APR	28	0851	58.34	19	23.07	155	14.49	3.39	18.07	4.3	SEC	1.9X	138	3									
2000	APR	28	0853	51.63	19	19.87	155	7.55	8.83	29.08	6.5	SF4	2.0X	132	5									
2000	APR	28	1034	13.18	19	22.91	155	14.57	3.43	16.07	3.4	SEC	1.5X	117	3									
2000	APR	28	1638	13.78	19	19.23	155	11.47	8.35	24.08	5.5	SF3	2.0X	135	6									
2000	APR	28	1829	41.28	19	19.08	155	13.03	10.27	34.10	5.3	SF2	2.4X	144	7									
2000	APR	28	2046	33.60	19	23.99	155	15.96	3.04	17.09	5.3	SEC	1.6X	155	1									
2000	APR	28	2047	21.50	19	56.69	156	26.26	4.99	24.10	1.3	1.9	DIS	2.4X	222	72								
2000	APR	28	2216	40.91	19	19.30	155	13.16	7.70	17.12	6.1	4	SF2	1.2X	134	6								
2000	APR	28	2342	6.85	19	24.77	155	16.09	8.69	10.11	1.6	.9	INT L	1.6X	184	2								
2000	APR	29	0057	15.00	19	19.77	155	7.82	9.32	18.11	6.7	SF4	1.4X	125	4									
2000	APR	29	0829	10.42	19	18.56	155	12.76	7.27	19.12	7.1	4	SF2	1.3X	145	8								
2000	APR	29	1412	40.69	19	10.08	155	28.98	41.00	18.06	2.0	1.2	DLS	1.6X	285	12								
2000	APR	29	1811	34.48	19	23.61	155	1.10	6.62	15.14	1.0	1.5	SF5	1.8X	171	5								
2000	APR	29	2130	21.79	19	13.76	155	33.15	4.82	10.13	1.813	0	LWS	-	1.3X	265	16							
2000	APR	29	2248	14.43	19	26.11	155	45.51	9.91	27.11	5.8	KON	2.8X	94	18									
2000	APR	30	0333	27.67	19	25.27	155	16.45	12.59	16.13	8.8	INT L	2.3X	158	1									
2000	APR	30	0428	47.11	19	14.77	155	22.87	8.21	7.10	1.3	1.7	SWR	1.3U	197	2								
2000	APR	30	1153	23.26	19	19.27	155	12.23	7.94	15.04	6.1	2	SF3	1.2X	143	6								
2000	APR	30	1800	21.97	19	20.66	155	4.56	7.93	26.08	6.7	SF5	1.8X	171	7									
2000	APR	30	2026	52.98	19	26.62	155	23.34	8.81	13.08	6.1	2	KAO	1.1X	104	5								
2000	APR	30	2159	2.28	19	19.60	155	17.68	29.54	17.08	1.1	1.4	DEP	1.3X	106	3								
2000	MAY	1	0157	17.87	19	23.67	155	30.36	8.83	13.08	6.1	1.3	KAO	.7U	170	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					
2000	MAY	4	1840	7.35	19	27.69	155	29.23	10.46	26	12	5	1.0	KAO	1.5X	79	10		
2000	MAY	4	2030	3.87	19	25.34	155	14.72	0.12	11	15	6	.8	SNC	L	1.6X	238	4	
2000	MAY	4	2033	31.90	19	18.83	155	49.42	11.59	13	13	1.3	7	KON	1.3X	181	7		
2000	MAY	4	2119	12.42	19	43.54	155	31.85	29.85	20	10	9	1.2	KEA	1.4X	90	14		
2000	MAY	4	2138	24.83	19	23.98	155	16.45	7.51	10	12	2.0	.8	INT	L	1.9X	190	0	
2000	MAY	4	2141	9.63	19	23.14	155	16.21	8.00	9	11	2.2	.9	INT	L	2.3X	181	1	
2000	MAY	4	2146	11.65	19	22.54	155	16.13	7.37	12	08	7	.9	INT	L	1.9X	106	0	
2000	MAY	4	2149	23.79	19	23.99	155	18.01	9.70	11	11	1.1	1.1	1.5	INT	L	2.3X	87	2
2000	MAY	4	2157	6.00	19	23.32	155	21.28	6.63	11	08	2.4	4.8	KAO	L	1.9X	244	7	
2000	MAY	4	2211	20.73	19	23.56	155	15.27	10.38	11	10	1.5	1.1	INT	L	2.0X	132	2	
2000	MAY	4	2236	0.38	19	20.74	155	7.30	6.14	14	07	1.3	1.4	SF4		.9X	198	5	
2000	MAY	4	2258	57.28	19	24.68	155	17.14	9.03	11	07	1.5	.7	INT	L	2.0X	88	0	
2000	MAY	4	2336	34.14	19	4.96	155	29.37	31.36	17	07	1.6	2.1	DLS	1.7X	238	20		
2000	MAY	4	2338	31.54	19	24.61	155	16.73	10.52	11	09	1.7	1.2	INT	L	2.0X	202	1	
2000	MAY	4	2347	41.98	19	21.36	155	2.15	28.32	13	10	2.6	1.1	DEP		1.8X	301	10	
2000	MAY	5	0027	45.32	18	49.29	155	10.40	52.81	17	08	2.2	2.0	LOI	1.5X	272	52		
2000	MAY	5	0030	37.90	19	24.10	155	16.23	3.16	9	11	.7	.5	SEC	L	1.8X	150	1	
2000	MAY	5	0134	32.42	19	19.88	155	10.65	10.03	22	07	.6	.4	SF3	1.8X	119	4		
2000	MAY	5	0149	16.98	19	19.70	155	11.71	7.79	16	06	.6	1.2	SF3	1.4X	133	5		
2000	MAY	5	0301	31.71	19	24.88	155	16.69	10.64	13	09	.8	1.0	INT	L	2.4X	145	1	
2000	MAY	5	0448	39.44	19	24.72	155	15.84	6.68	11	14	1.6	1.2	INT	L	1.9X	182	2	
2000	MAY	5	0559	35.94	19	22.09	155	19.00	1.62	8	08	.7	1.2	SSC	L	1.7X	249	5	
2000	MAY	5	0718	28.83	19	23.09	155	18.62	2.82	10	08	.6	1.0	SSC	L	1.9U	146	4	
2000	MAY	5	0747	6.33	19	24.81	155	17.40	12.14	12	10	1.0	1.4	INT	L	2.4X	93	1	
2000	MAY	5	0756	11.99	19	24.76	155	15.95	8.49	10	14	1.7	1.0	INT	L	2.0X	232	2	
2000	MAY	5	0845	52.19	19	24.26	155	17.29	6.53	10	05	1.5	1.2	INT	L	1.7X	111	1	
2000	MAY	5	0846	0.99	19	23.99	155	18.43	6.77	11	04	1.9	1.6	INT	L	1.9X	157	3	
2000	MAY	5	1015	16.98	19	23.76	155	16.47	8.87	10	06	1.0	1.1	INT	L	1.8X	114	0	
2000	MAY	5	1033	33.20	19	22.95	155	17.57	3.67	13	07	.6	.8	SSC	1.1X	78	1		
2000	MAY	5	1125	45.84	19	23.90	155	16.79	9.85	13	06	.9	1.4	INT	L	2.0X	93	0	
2000	MAY	5	1307	40.20	19	24.28	155	17.14	8.21	11	08	.9	1.3	INT	L	1.8X	78	1	
2000	MAY	5	1339	20.75	19	24.15	155	29.99	10.27	23	13	5	.9	KAO	1.6X	86	5		
2000	MAY	5	1405	49.54	19	24.27	155	15.90	3.19	9	10	1.0	.5	SEC	L	1.9X	175	1	
2000	MAY	5	1622	35.07	19	12.65	155	37.93	10.18	19	08	.4	1.2	LSW	1.2X	106	15		
2000	MAY	5	1636	34.08	19	24.36	155	16.84	9.48	11	08	.9	1.3	INT	L	1.8X	132	1	
2000	MAY	5	1731	17.95	19	24.60	155	16.19	6.53	12	13	1.2	.9	INT	L	2.3X	164	1	
2000	MAY	5	1745	48.23	19	24.54	155	29.33	6.63	18	10	.6	1.5	KAO	1.1X	154	5		
2000	MAY	5	1756	8.69	19	24.92	155	17.10	8.28	11	07	1.9	.8	INT	L	1.7X	143	0	
2000	MAY	5	2154	25.31	19	24.65	155	16.09	9.42	13	10	1.3	.9	INT	L	2.5X	166	2	
2000	MAY	5	2158	53.73	19	24.42	155	16.51	8.70	11	07	1.1	.7	INT	L	2.0X	162	1	
2000	MAY	5	2207	31.68	19	24.73	155	17.04	10.45	12	05	.9	.9	INT	L	1.7X	107	0	
2000	MAY	5	2219	40.93	19	23.77	155	17.26	8.06	12	13	.9	1.1	INT	L	2.0X	78	1	
2000	MAY	5	2250	4.09	19	25.56	155	17.12	5.12	9	05	1.1	.7	INT	L	1.7X	181	1	
2000	MAY	5	2250	33.36	19	25.25	155	16.75	7.49	11	11	1.1	.8	INT	L	1.9X	180	1	
2000	MAY	6	0114	7.56	19	24.16	155	16.31	9.87	14	09	1.2	.9	INT	L	2.1X	149	1	

ORIGIN TIME (HST)				LON W				DEPTH N				RMS ERH ERZ LOC				PRF AZ MIN				
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	RM	KM	REMS	MAG	GAP	DS
2000	MAY	7	0138	4.58	19	24.62	155	16.70	11.83	13	.09	.8	.9	INT	L	2.5X	156	1		
2000	MAY	7	0138	56.53	19	25.41	155	15.69	6.79	13	.10	1.1	.7	INT	L	2.1X	179	2		
2000	MAY	7	0228	46.27	19	23.78	155	16.63	10.79	8	.09	1.9	1.7	INT	L	1.7X	139	0		
2000	MAY	7	0245	1.12	19	25.23	155	16.85	10.12	14	.12	1.5	.9	INT	L	2.0X	161	1		
2000	MAY	7	0350	32.18	19	26.00	155	18.86	11.23	8	.05	1.8	1.8	INT	L	1.8X	163	2		
2000	MAY	7	0413	10.67	19	25.60	155	16.40	9.23	9	.09	1.8	1.0	INT	L	1.7X	228	2		
2000	MAY	7	0513	13.24	19	24.57	155	13.06	11.02	11	.09	1.0	1.1	SF2		1.1X	245	10		
2000	MAY	7	0515	51.08	19	25.66	155	17.25	11.67	11	.11	2.0	1.1	INT	L	2.0X	171	1		
2000	MAY	7	0526	4.89	19	17.77	155	23.18	32.65	24	.11	.9	1.1	DEP		1.7X	102	4		
2000	MAY	7	0604	17.71	19	24.72	155	16.89	10.35	15	.10	.8	.6	INT	L	2.1X	141	0		
2000	MAY	7	0708	15.07	19	24.80	155	17.10	9.00	12	.19	1.5	1.7	INT	L	1.8X	90	0		
2000	MAY	7	0708	41.62	19	25.35	155	16.95	3.74	10	.14	.9	.4	SNC	L	2.2X	156	1		
2000	MAY	7	0714	19.18	19	24.83	155	17.32	9.70	11	.05	1.1	1.1	INT	L	1.8X	105	1		
2000	MAY	7	0723	34.10	19	23.87	155	16.74	10.40	12	.09	1.8	1.1	INT	L	1.9X	88	0		
2000	MAY	7	0743	4.39	19	24.09	155	17.21	10.58	16	.09	.7	.7	INT	L	2.4X	81	1		
2000	MAY	7	0823	48.15	19	24.87	155	17.33	10.65	12	.08	1.1	1.1	INT	L	2.0X	110	1		
2000	MAY	7	0910	5.40	19	24.57	155	16.67	12.88	13	.06	.9	1.0	INT	L	2.2X	154	1		
2000	MAY	7	1019	59.73	19	23.82	155	16.95	8.35	12	.07	1.0	1.1	INT	L	2.0X	99	1		
2000	MAY	7	1113	23.11	19	25.71	155	17.38	8.39	11	.09	1.5	1.0	INT	L	1.7X	272	1		
2000	MAY	7	1153	11.94	19	24.66	155	16.82	11.20	14	.08	1.0	.8	INT	L	2.5X	124	1		
2000	MAY	7	1156	46.04	19	24.33	155	16.93	10.65	17	.05	.5	.7	INT	L	2.3X	87	1		
2000	MAY	7	1331	51.88	19	24.45	155	16.48	11.24	13	.05	.8	1.2	INT	L	1.9X	130	1		
2000	MAY	7	1341	9.86	19	23.93	155	14.45	10.63	7	.10	2.1	1.7	INT	L	1.4X	214	1		
2000	MAY	7	1506	54.36	19	23.65	155	17.66	6.70	10	.06	.6	1.3	INT	L	2.0X	81	2		
2000	MAY	7	1558	18.98	19	24.26	155	17.66	7.49	13	.10	1.0	.7	INT	L	2.0X	84	2		
2000	MAY	7	1600	58.60	19	4.08	155	29.54	34.99	16	.09	1.3	1.7	DLS		1.6X	186	21		
2000	MAY	7	1643	41.88	19	24.58	155	53.94	4.41	14	.16	.9	4.3	KON		1.3X	202	16		
2000	MAY	7	1703	37.68	19	19.81	155	7.14	7.97	23	.08	.5	.7	SF4		1.6X	142	5		
2000	MAY	7	1713	14.37	19	24.33	155	17.43	11.31	13	.10	1.1	1.0	INT	L	2.0X	81	1		
2000	MAY	7	1816	13.05	19	23.14	155	16.65	5.91	7	.11	.9	2.0	INT	L	1.0X	95	1		
2000	MAY	7	1826	43.94	19	24.93	155	27.06	5.55	18	.10	.4	1.6	KAO		1.4X	105	5		
2000	MAY	7	1827	12.30	19	24.52	155	17.65	8.62	10	.08	.9	1.2	INT	L	2.0X	126	1		
2000	MAY	7	1922	19.69	19	23.81	155	8.59	41.36	33	.10	.8	.7	DEP		3.2X	90	2		
2000	MAY	7	1944	6.52	19	25.16	155	17.43	10.05	14	.08	.8	.7	INT	L	2.5X	135	1		
2000	MAY	7	2052	12.94	19	24.56	155	16.91	11.56	11	.05	.9	1.0	INT	L	1.9X	124	1		
2000	MAY	7	2303	48.91	19	24.45	155	17.08	10.54	13	.09	.6	.8	INT	L	2.1X	100	1		
2000	MAY	8	0006	7.19	19	19.42	155	8.32	9.14	14	.06	.6	.7	SF4		1.2X	161	4		
2000	MAY	8	0008	15.61	19	24.76	155	17.42	13.87	12	.10	.9	1.1	DEP	L	2.3X	84	1		
2000	MAY	8	0047	37.08	19	26.25	155	20.55	7.93	15	.07	.6	1.1	KAO		1.5X	118	5		
2000	MAY	8	0145	45.03	19	30.17	155	50.17	21.49	13	.09	1.5	2.7	KON		1.3U	100	9		
2000	MAY	8	0220	15.01	19	24.75	155	17.68	9.84	12	.09	1.0	1.1	INT	L	1.6X	84	1		
2000	MAY	8	0402	2.47	19	27.41	155	16.08	13.46	10	.13	2.5	1.6	DEP	L	1.6X	202	5		
2000	MAY	8	0402	22.94	19	25.56	155	15.70	4.12	9	.06	1.3	.9	SNC	L	2.0X	181	3		
2000	MAY	8	0533	55.49	19	24.01	155	29.69	10.01	25	.10	.4	.7	KAO		1.8X	77	5		
2000	MAY	8	0609	46.40	19	25.01	155	16.12	10.25	11	.06	1.2	.8	INT	L	1.5X	183	2		

YEAR	MON	DA	HRMN	SEC	(HST)	LAT N	DEG	MIN	DEG	LON W	DEG	MIN	DEG	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	
2000	MAY	10	1930	44.59	19	24.15	155	17.59	7.48	12	13	1.1	1.0	INT	L	1.6X	83	2					
2000	MAY	10	1956	0.77	19	24.51	155	16.58	10.30	12	05	1.2	.9	INT	L	2.0X	155	1					
2000	MAY	10	2024	33.34	19	24.94	155	14.00	5.80	9	08	2.2	1.2	INT	L	1.6X	274	5					
2000	MAY	10	2100	24.08	19	23.58	155	18.40	7.83	11	13	1.0	1.5	INT	L	2.0X	141	3					
2000	MAY	10	2126	12.52	19	23.35	155	16.50	6.56	12	13	1.2	.8	INT	L	1.9X	111	1					
2000	MAY	10	2127	34.11	19	21.33	155	29.55	9.75	16	05	5	1.1	KAO		1.1X	114	4					
2000	MAY	10	2140	8.35	19	24.43	155	16.46	7.54	11	08	1.3	.9	INT	L	1.8X	212	1					
2000	MAY	10	2212	44.37	19	23.77	155	17.63	9.38	13	17	1.3	1.0	INT	L	2.5X	82	1					
2000	MAY	10	2233	20.57	19	24.53	155	16.43	7.82	12	11	1.5	.8	INT	L	1.6X	172	1					
2000	MAY	10	2305	33.81	19	24.56	155	16.74	7.89	9	07	9	07	.9	.9	INT	L	1.9X	145	1			
2000	MAY	10	2318	37.46	19	23.71	155	17.03	7.97	9	16	1.6	1.3	INT	L	1.6X	103	1					
2000	MAY	10	2358	47.82	19	24.81	155	16.19	7.04	10	15	1.3	1.1	INT	L	2.1X	179	1					
2000	MAY	11	0041	37.76	19	24.08	155	15.37	8.64	10	08	2.0	.9	INT	L	2.4X	255	2					
2000	MAY	11	0138	21.43	19	23.15	155	16.81	7.38	11	12	1.0	.9	INT	L	1.8X	88	0					
2000	MAY	11	0231	14.65	19	25.09	155	16.69	6.55	12	11	1.2	.8	INT	L	1.8X	167	1					
2000	MAY	11	0356	38.86	19	24.25	155	17.12	7.31	10	06	1.8	.9	INT	L	1.7X	145	1					
2000	MAY	11	0918	45.86	19	19.82	155	12.05	8.53	23	09	5	.9	SF3		1.8X	123	5					
2000	MAY	11	1411	15.71	19	21.12	155	10.70	9.83	17	09	7	.8	SF3		1.4X	103	2					
2000	MAY	11	1632	10.29	19	59.30	155	34.61	43.02	33	08	7	1.0	KOH		2.5X	166	26					
2000	MAY	11	1659	10.57	19	17.43	155	27.24	4.76	20	12	5	6.6	LSW		1.4X	111	8					
2000	MAY	11	1755	16.79	19	24.25	155	30.02	9.33	12	06	4	1.3	KAO		1.4U	86	5					
2000	MAY	11	1802	20.41	19	24.62	155	30.09	10.58	19	11	5	1.3	KAO		1.4X	75	6					
2000	MAY	12	0050	15.51	19	22.42	155	14.74	3.26	14	10	6	.4	SEC		1.5X	126	2					
2000	MAY	12	0337	22.38	19	46.85	155	31.76	21.59	16	06	7	1.6	KEA		1.7X	165	7					
2000	MAY	12	1158	22.28	19	17.99	155	46.63	6.47	25	12	6	3.6	KAO		1.6X	76	11					
2000	MAY	12	1348	23.05	19	19.98	155	7.32	8.49	12	04	1.0	1.0	SF4		.8X	198	5					
2000	MAY	12	1546	15.20	19	46.13	156	13.29	33.64	17	12	1.3	2.8	HUA		1.6X	295	41					
2000	MAY	12	2042	59.89	19	24.92	155	29.48	8.95	21	11	4	1.2	KAO		1.3X	95	6					
2000	MAY	13	1240	0.49	19	19.39	155	11.67	10.00	24	09	7	.8	SF3		1.9X	138	6					
2000	MAY	13	1442	53.70	19	19.80	155	7.02	8.71	21	06	6	.6	SF4		1.5X	145	5					
2000	MAY	14	0805	56.35	19	11.17	155	42.30	9.06	16	14	1.1	2.3	LSW		1.9U	162	7					
2000	MAY	14	1331	11.77	19	22.90	154	56.75	1.68	13	09	7	.6	SLE		1.0X	226	5					
2000	MAY	14	1859	16.66	19	21.08	155	29.79	9.07	13	12	6	1.5	KAO		1.3U	117	5					
2000	MAY	14	2140	19.69	19	19.47	155	11.65	8.88	21	09	5	.6	SF3		1.6X	132	6					
2000	MAY	14	2322	3.08	19	24.39	155	17.15	9.64	12	09	1.3	1.3	INT	L	2.0X	99	1					
2000	MAY	15	0035	21.60	19	23.06	155	18.42	7.65	9	10	2.6	1.1	INT	L	1.3X	232	3					
2000	MAY	15	0114	53.92	18	55.09	155	18.55	27.15	13	10	1.6	3.4	LOI		1.3U	299	37					
2000	MAY	15	0205	42.95	19	25.07	155	17.56	9.54	13	11	7	1.0	INT	L	1.8X	113	1					
2000	MAY	15	0216	31.26	20	4.37	155	20.63	11.84	21	10	1.7	.7	KEA		1.9X	308	20					
2000	MAY	15	0257	22.22	19	12.69	155	31.00	4.64	12	16	1.1	1.2	LSW		1.3X	181	13					
2000	MAY	15	0405	20.15	20	2.63	155	51.17	28.53	14	05	1.0	1.0	3	KOH		1.7U	217	12				
2000	MAY	15	0407	20.01	19	24.24	155	17.10	6.57	12	15	7	.9	INT	L	1.8X	99	1					
2000	MAY	15	0617	41.81	19	24.69	155	17.55	11.61	13	09	1.9	1.1	INT	L	1.7X	125	1					
2000	MAY	15	0626	0.52	19	20.69	155	8.14	9.04	23	08	5	.6	SF4		1.5X	113	4					

YEAR	MON	DA	HRMN	SEC	(HST)	LAT N	DEG	MIN	DEG	LON W	DEG	MIN	DEG	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
2000	MAY	9	1357	22.90	19	28.39	155	50.48	8.05	16	12	6	1.0	KON		1.7X	94	8				
2000	MAY	9	1451	5.04	19	23.37	155	17.84	9.09	11	12	9	1.2	INT	L	1.9X	134	2				
2000	MAY	9	1613	37.40	19	21.98	155	19.47	2.23	7	11	1.0	1.7	SWR	L	1.5X	253	6				
2000	MAY	9	1806	25.63	19	24.22	155	16.93	7.27	12	09	7	1.1	INT	L	2.2X	137	1				
2000	MAY	9	1809	28.58	19	23.66	155	16.14	7.37	13	10	9	1.0	INT	L	1.9X	112	1				
2000	MAY	9	1910	3.09	19	23.69	155	19.97	8.29	10	09	3.2	2.5	KAO	L	2.0X	225	5				
2000	MAY	9	2119	34.19	19	23.40	155	17.02	13.77	12	17	1.1	1.7	DEP	L	2.4U	76	0				
2000	MAY	9	2125	39.09	19	23.88	155	15.27	6.70	10	10	1.0	1.6	.6	INT	L	2.1X	255	2			
2000	MAY	9	2152	36.71	19	23.78	155	15.17	2.18	14	09	3	.8	SEC		1.1X	147	3				
2000	MAY	9	2217	7.22	19	25.08	155	16.82	8.91	10	08	1.6	.8	INT	L	1.7X	176	0				
2000	MAY	9	2219	3.59	19	23.35	155	16.38	10.91	11	06	9	.9	INT	L	1.9X	123	1				
2000	MAY	9	2249	30.57	19	24.64	155	16.28	8.01	11	10	1.0	.8	INT	L	2.1X	170	1				
2000	MAY	10	0002	29.36	19	24.56	155	17.43	11.75	11	08	1.1	1.2	INT	L	1.6X	82	1				
2000	MAY	10	0003	13.75	19	23.50	155	17.76	5.35	11	14	1.3	1.0	INT	L	2.5X	132	1				
2000	MAY	10	0008	37.58	19	24.63	155	17.55	11.96	12	10	1.0	.8	INT	L	2.0X	83	1				
2000	MAY	10	0017	27.17	19	24.84	155	17.26	11.04	12	09	9	1.1	INT	L	1.9X	105	0				
2000	MAY	10	0032	52.49	19	24.77	155	16.68	3.70	10	06	9	.4	SNC	L	1.8X	163	1				
2000	MAY	10	0101	4.40	19	48.70	155	23.43	25.14	10	09	1.3	1.8	KEA		1.6U	144	8				
2000	MAY	10	0124	46.87	19	25.57	155	16.55	13.32	13	10	1.3	.7	DEP	L	2.2X	188	1				
2000	MAY	10	0240	14.23	19	23.94	155	18.86	9.76	10	12	1.1	1.1	INT	L	1.8X	140	1				
2000	MAY	10	0343	12.70	19	27.16	155	17.17	10.03	9	09	1.1	.8	INT	L	2.2X	191	3				
2000	MAY	10	0343	42.80	19	26.23	155	17.10	14.90	12	07	1.5	1.0	DEP	L	2.2X	179	2				
2000	MAY	10	0458	23.13	19	24.69	155	15.92	12.18	12	22	2.0	1.3	INT	L	1.9X	180	2				
2000	MAY	10	0506	34.31	19	23.94	155	18.86	0.03	11	08	3	.6	SSC	L	2.5X	148	3				
2000	MAY	10	0548	40.70	19	24.20	155	16.95	8.73	11	13	1.6	1.2	INT	L	1.8X	110	1				
2000	MAY	10	0518	32.27	19	31.53	155	42.56	11.38	17	09	6	.6	MLO		1.7X	80	12				
2000	MAY	10	0625	54.28	19	25.44	155	16.38	9.02	12	15	1.2										

ORIGIN TIME (HST)										ORIGIN TIME (HST)									
YEAR	MON	DA	HRMN	SEC	DEG	MIN	LAT N	DEG	MIN	YEAR	MON	DA	HRMN	SEC	DEG	MIN	LAT N	DEG	MIN
LON W										LON W									
DEPTH	N	RMS	ERH	ERZ	LOC	DEPTH	N	RMS	ERH	ERZ	LOC								
KM	RD	SEC	KM	KW	REMK	KM	RD	SEC	KM	KW	REMK								
PREF AZ MIN										PREF AZ MIN									
MAG	GAP	DS								MAG	GAP	DS							
2000	MAY	15	0742	58.14	19	24.92	155	16.30	11.63	13	.18	1.5	1.5	INT	L	1.7X	180	1	
2000	MAY	15	0842	49.99	19	24.39	155	17.95	10.21	12	.06	1.5	1.4	INT	L	1.8X	131	2	
2000	MAY	15	0945	31.51	19	24.28	155	17.27	5.47	10	.14	.9	1.3	INT	L	1.5X	122	1	
2000	MAY	15	1047	53.50	19	24.54	155	18.03	9.94	11	.13	2.0	1.3	INT	L	1.7X	136	2	
2000	MAY	15	1240	2.15	19	24.61	155	17.90	10.28	12	.11	.9	1.2	INT	L	1.5X	130	2	
2000	MAY	15	1407	38.88	19	26.50	155	15.89	9.60	11	.19	1.6	1.3	INT	L	1.6X	209	4	
2000	MAY	15	1535	39.82	19	23.32	155	18.43	0.51	12	.09	.2	.7	SSC	L	1.6X	143	3	
2000	MAY	15	1605	50.71	19	22.24	155	29.84	8.97	21	.12	.5	1.2	KAO		1.1X	85	4	
2000	MAY	15	1645	35.37	19	19.77	155	11.50	9.31	21	.10	.6	.9	SF3		1.5X	131	5	
2000	MAY	15	1902	18.53	19	23.14	155	19.48	5.83	9	.12	4.5	8.3	KAO	L	1.7X	230	4	
2000	MAY	15	1948	56.23	19	25.04	155	17.69	10.75	13	.08	.7	1.0	INT	L	2.2X	90	1	
2000	MAY	15	2047	4.01	19	23.79	155	18.69	8.70	12	.12	1.7	1.9	INT	L	1.7X	145	3	
2000	MAY	15	2201	51.34	19	24.69	155	16.65	11.73	14	.14	1.0	1.1	INT	L	2.0X	162	1	
2000	MAY	15	2255	19.38	19	45.92	156	39.58	31.42	29	.10	1.1	2.3	DIS		3.4X	261	68	
2000	MAY	15	2336	49.38	19	23.94	155	18.58	9.33	12	.10	1.5	1.6	INT	L	1.8X	142	3	
2000	MAY	16	0050	16.97	19	23.44	155	17.01	9.44	12	.14	.9	1.1	INT	L	1.8X	121	0	
2000	MAY	16	0211	16.55	19	21.74	155	17.69	8.27	10	.13	1.5	2.0	SWR	L	1.8X	167	3	
2000	MAY	16	0437	33.05	19	25.64	155	16.80	7.44	12	.15	1.6	.9	INT	L	2.1X	173	1	
2000	MAY	16	0910	20.60	19	24.51	155	16.82	9.80	11	.12	3.2	1.2	INT	L	1.6X	141	1	
2000	MAY	16	0437	53.01	19	26.96	155	16.43	8.41	8	.11	2.7	1.3	INT	L	2.0X	254	4	
2000	MAY	16	0523	30.73	19	14.56	155	15.37	40.56	10	.06	1.7	1.4	DEP		1.4U	201	8	
2000	MAY	16	0704	59.62	19	24.60	155	16.73	11.23	14	.10	.9	1.0	INT	L	1.9X	151	1	
2000	MAY	16	0729	18.61	19	22.88	155	28.04	10.57	31	.10	.4	.5	KAO		1.8X	57	1	
2000	MAY	16	0908	20.60	19	25.05	155	16.91	12.21	13	.10	1.6	1.0	INT	L	2.1X	174	0	
2000	MAY	16	1110	16.87	19	23.23	155	17.37	8.21	14	.17	.8	1.3	INT	L	1.7X	83	1	
2000	MAY	16	1424	47.03	19	24.27	155	16.90	8.77	11	.09	.9	.9	INT	L	1.6X	118	1	
2000	MAY	16	1638	48.75	19	24.40	155	18.00	7.77	13	.07	1.1	1.2	INT	L	1.5X	87	2	
2000	MAY	16	1919	0.74	19	23.79	155	18.17	8.88	10	.10	1.6	1.2	INT	L	1.6X	137	3	
2000	MAY	16	1939	43.51	19	28.70	155	23.98	12.33	29	.11	.5	.4	KAO		1.9X	67	2	
2000	MAY	16	2125	7.60	19	23.41	155	19.01	6.41	12	.12	1.7	2.3	INT	L	1.7X	152	4	
2000	MAY	16	2209	3.44	19	20.59	155	10.05	7.61	22	.08	.5	.6	SF3		1.3X	109	3	
2000	MAY	16	2216	27.30	19	10.08	155	28.64	35.31	20	.11	1.2	1.7	DLS		1.5U	212	11	
2000	MAY	16	2243	17.95	18	54.46	155	20.81	35.97	29	.10	1.4	1.2	LOI		1.3X	256	35	
2000	MAY	17	0022	53.21	19	24.70	155	15.81	10.94	15	.17	1.3	1.2	INT	L	2.2X	161	2	
2000	MAY	17	0231	34.08	19	24.28	155	20.90	0.99	13	.05	.4	.8	KAO	#	.9X	111	6	
2000	MAY	17	0236	23.97	19	24.71	155	17.29	11.03	10	.08	1.7	1.2	INT	L	1.9X	121	1	
2000	MAY	17	0409	12.15	19	24.35	155	18.34	8.05	11	.11	3.1	1.2	INT	L	1.5X	190	2	
2000	MAY	17	0629	5.12	19	28.51	155	24.22	5.37	35	.13	.4	.8	KAO		2.4X	58	3	
2000	MAY	17	0633	17.24	19	25.82	155	15.62	4.84	11	.15	1.9	.9	SNC	L	2.9X	204	3	
2000	MAY	17	0744	39.42	19	18.13	155	13.19	8.96	25	.10	.6	.8	SF2		1.5X	171	8	
2000	MAY	17	1047	32.64	19	28.38	155	28.76	12.75	9	.08	1.0	1.7	KAO		1.1X	134	7	
2000	MAY	17	1134	55.97	19	24.36	155	15.56	11.61	15	.08	1.0	.6	INT	L	2.1X	127	2	
2000	MAY	17	1245	35.20	19	18.02	155	13.13	8.44	20	.10	.7	1.0	SF2		1.4X	173	8	
2000	MAY	17	1946	13.05	19	24.77	155	16.57	11.95	14	.18	1.1	1.1	INT	L	2.5X	163	1	
2000	MAY	17	2345	52.30	19	10.56	155	26.11	47.10	14	.10	1.8	1.5	DLS		2.0U	207	8	
2000	MAY	18	0207	48.19	19	13.23	155	32.79	5.62	15	.12	.6	3.0	LSW		1.2X	171	16	

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	DEG MIN	DEG MIN	KM	KM	KM	KM	KM	KM	
2000	MAY 21 0011	48.87	19.25	41.155	19.04	7.29	17.11	.7	1.0	KAO	1.4X 78 3	
2000	MAY 21 0809	32.74	19.24	.08	155.28	91.0	78.28	.11	.4	.7	KAO	1.8X 74 4
2000	MAY 21 0846	54.85	19.17	54.155	13.16	9.42	19.10	.6	1.2	SF2	1.5X 161 9	
2000	MAY 21 1015	47.22	19.16	45.155	33.50	9.61	33.13	.4	.8	LSW	2.6X 87 6	
2000	MAY 21 1046	19.90	19.23	.43	155.27	38.6	39.18	.09	.4	.8	KAO	1.2X 67 2
2000	MAY 21 1218	22.41	19.24	.14	155.16	16.3	24.11	.09	.4	.4	SEC L	1.8X 118 1
2000	MAY 21 1621	10.69	19.20	.18	155.10	78.9	16.26	.09	.5	.6	SF3	1.6X 116 4
2000	MAY 22 0227	41.47	19.19	.98	155.14	75.3	07.11	.06	.5	.4	SEC	1.4X 150 2
2000	MAY 22 0841	32.21	19.14	.83	155.32	61.6	77.21	.16	.6	1.3	LSW	1.7X 154 4
2000	MAY 22 1027	27.22	19.23	.06	155.14	69.3	60.17	.08	.4	.3	SEC	1.5X 136 2
2000	MAY 22 1030	48.43	19.23	.18	155.14	46.3	50.30	.10	.3	.3	SEC	2.3X 92 3
2000	MAY 22 1250	26.86	19.12	.64	155.5	37.4	7.63	20.07	2.0	1.3	DEP	1.7X 250 10
2000	MAY 22 1707	54.71	19.19	.98	155.11	83.6	18.18	.07	.5	1.1	SF3	1.0X 128 5
2000	MAY 22 1910	44.43	19.25	.35	155.16	32.7	04.10	.06	1.3	.6	INT L	1.9X 187 1
2000	MAY 22 2350	42.92	19.23	.45	155.14	76.3	42.30	.11	.3	.3	SEC	2.4X 93 3
2000	MAY 22 2356	42.55	19.23	.07	155.14	81.3	16.11	.09	.5	.4	SEC	1.5X 149 2
2000	MAY 23 0455	24.61	19.24	.73	155.17	41.9	15.10	.13	1.8	1.1	INT L	2.2X 82 1
2000	MAY 23 0501	56.36	19.24	.43	155.17	30.9	37.9	.14	.8	1.0	INT L	1.7X 122 1
2000	MAY 23 0659	49.26	19.9	79.155	38.45	8.94	14.13	.04	.6	1.7	LSW	1.8U 117 13
2000	MAY 23 0732	3.69	19.20	.94	155.7	89.8	66.26	.08	.5	.4	SF4	1.8X 117 4
2000	MAY 23 1003	30.22	19.29	.46	154.53	45.0	03.12	.14	.4	.5	SLE #	2.4X 163 5
2000	MAY 23 1041	40.45	19.17	.54	155.28	94.4	2.57	11.07	.9	1.4	LSW	1.0X 167 9
2000	MAY 23 1231	32.12	19.1	61.155	17.30	9.28	17.11	.2	4.1	5	LOI	2.1X 270 29
2000	MAY 23 1251	53.61	19.47	.12	156.27	07.6	89.15	.2111	514.8	DIS	-	2.0U 310 65
2000	MAY 23 1643	54.08	19.23	.30	155.14	69.3	50.27	.10	.4	.3	SEC	2.4X 135 3
2000	MAY 23 1644	2.08	19.23	.14	155.14	73.1	35.11	.03	.3	.5	SEC	2.0X 153 2
2000	MAY 23 2249	19.07	19.24	.21	155.16	66.4	45.10	.09	1.3	.7	INT L	1.8X 140 1
2000	MAY 24 0528	27.59	19.15	.96	155.27	15.9	28.17	.11	.6	1.0	LSW	1.2X 153 6
2000	MAY 24 1210	6.54	20.2	31.155	24.11	44.94	30.10	1.9	1.3	KEA	2.0X 277 8	
2000	MAY 24 1706	21.16	19.25	.47	155.16	65.8	92.24	.09	.8	.6	INT	1.9X 151 1
2000	MAY 24 1828	35.26	19.23	.18	155.14	60.3	50.40	.09	.3	.2	SEC	2.5X 85 3
2000	MAY 24 1832	6.38	19.23	.03	155.14	80.3	28.30	.11	.3	.3	SEC	2.4X 127 2
2000	MAY 24 2310	27.53	19.5	95.155	28.98	31.59	25.10	1.4	2.0	DLS	1.6X 176 18	
2000	MAY 25 0040	16.24	19.26	.87	155.28	99.11	25.43	.11	.4	.6	KAO	1.8X 60 8
2000	MAY 25 0858	1.59	19.12	.64	155.31	47.7	58.40	.14	.6	.9	LSW	2.2X 179 5
2000	MAY 25 1355	0.34	19.14	.36	155.26	45.1	33.23	.13	.8	.9	LSW	1.3X 165 4
2000	MAY 25 2146	0.22	19.20	.80	155.24	90.4	3.74	35.10	.4	.6	DEP	1.4X 68 3
2000	MAY 26 0205	21.11	19.17	.43	155.15	03.1	77.18	.08	.5	1.4	SSF	.8X 161 6
2000	MAY 26 0346	19.70	19.90	155.9	01.7	28.33	10.5	.6	SF4	1.6X 97 4		
2000	MAY 26 0508	50.15	19.25	.06	155.17	36.10	61.17	.09	.6	.7	INT L	1.3X 133 1
2000	MAY 26 0538	27.88	19.23	.05	155.15	24.3	17.20	.09	.3	.3	SEC	1.5X 129 2
2000	MAY 26 0825	24.42	19.5	01.155	29.05	30.53	27.10	1.0	1.6	DLS	1.7X 182 19	
2000	MAY 26 1457	14.53	19.22	.21	155.26	39.11	06.33	.09	.4	.6	KAO	1.4X 72 2
2000	MAY 26 1906	42.27	19.15	.88	155.26	18.6	26.13	.11	.8	2.0	LSW	.7X 124 5
2000	MAY 27 0241	35.72	19.27	.01	155.28	48.12	29.20	.11	.5	.8	KAO	1.0X 75 8

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN					
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2000	JUN	2	2214	23.72	19	12.93	155	19.92	29.85	13	.08	2.6	2.0	DEP	1.2X 277 8
2000	JUN	2	2219	24.49	19	4.65	155	29.50	32.01	30	.09	1.0	1.5	DLS	2.0X 182 20
2000	JUN	2	2304	21.48	20	6.19	155	38.75	26.24	30	.11	.9	1.2	KOH	1.5X 173 14
2000	JUN	3	0127	29.06	19	20.79	155	16.94	1.20	19	.07	.3	.5	KOA	1.6X 131 3
2000	JUN	3	0308	14.39	19	24.55	155	17.54	10.45	8	.09	1.6	1.7	INT L	1.4X 147 2
2000	JUN	3	0800	51.33	19	24.75	155	18.77	9.38	12	.19	1.0	1.6	INT L	1.7X 99 2
2000	JUN	3	0908	27.58	19	28.34	155	26.51	3.50	20	.10	.4	1.5	KAO	1.4X 80 6
2000	JUN	3	0924	59.92	19	20.01	155	6.75	7.51	34	.11	.5	.4	SF4	1.7X 149 5
2000	JUN	3	0931	43.10	19	18.14	155	12.81	6.54	16	.09	.5	1.4	SF2	1.1X 152 8
2000	JUN	3	0941	22.42	19	25.68	155	24.05	5.34	15	.10	.5	.9	KAO	1.1X 70 2
2000	JUN	3	1538	18.38	19	15.99	155	32.87	8.66	23	.18	.6	1.3	LSW	1.1X 133 5
2000	JUN	3	1739	40.74	19	10.38	155	27.79	35.29	24	.10	1.1	1.5	DLS	1.2X 219 10
2000	JUN	3	1822	43.51	19	24.14	155	29.79	12.71	20	.12	.5	1.0	KAO	1.7X 76 5
2000	JUN	3	2045	21.74	19	19.60	155	9.06	6.53	25	.09	.4	.7	SF4	1.3X 100 5
2000	JUN	4	0101	20.78	19	19.19	155	8.72	6.79	32	.10	.5	.7	SF4	1.8X 101 4
2000	JUN	4	0128	53.04	19	18.32	155	13.36	9.68	42	.12	.6	.4	SF2	2.8X 154 8
2000	JUN	4	0139	43.12	19	18.13	155	13.11	6.89	23	.11	.6	1.2	SF2	1.3X 171 8
2000	JUN	4	0140	48.67	19	18.14	155	13.14	7.18	27	.10	.5	.9	SF2	1.1X 170 8
2000	JUN	4	0154	51.29	19	18.78	155	12.96	9.67	32	.09	.5	.6	SF2	1.7X 142 7
2000	JUN	4	0155	0.47	19	18.16	155	13.24	7.95	15	.08	.7	2.0	SF2	1.5X 169 8
2000	JUN	4	0853	33.45	19	20.75	155	4.58	7.03	17	.13	.8	1.3	SF5	1.2X 173 7
2000	JUN	4	0910	41.52	19	18.26	155	25.50	9.20	20	.09	.5	1.0	LSW	1.1X 86 5
2000	JUN	4	1011	27.09	19	27.21	155	26.01	10.92	19	.10	.5	1.0	KAO	1.5X 68 4
2000	JUN	4	1441	10.85	19	27.84	155	7.59	32.72	28	.12	1.1	1.6	DEP	1.9X 151 8
2000	JUN	4	1706	52.38	19	26.54	155	22.69	8.05	11	.10	.6	1.1	KAO	.7X 126 4
2000	JUN	4	2156	39.16	20	14.78	156	33.82	49.41	19	.13	1.8	3.0	DIS	1.9X 232 50
2000	JUN	5	0308	31.84	19	20.20	155	8.62	8.94	18	.06	.5	.6	SF4	1.0X 105 4
2000	JUN	5	0343	33.00	20	0.17	155	19.86	14.32	8	.08	3.5	.5	KEA	1.1X 337 13
2000	JUN	5	0549	7.29	19	24.32	155	17.73	14.16	8	.09	2.2	1.8	DEP	1.6X 105 2
2000	JUN	5	0640	2.34	19	29.13	156	3.61	11.27	12	.12	2.3	.6	KON	1.0X 297 15
2000	JUN	5	0650	11.57	19	19.38	155	13.12	8.58	29	.12	.6	.8	SF2	1.6X 133 6
2000	JUN	5	0741	20.54	19	28.53	155	25.74	9.68	19	.12	.6	1.2	KAO	1.1X 70 5
2000	JUN	5	0858	2.41	19	23.42	155	1.98	9.18	12	.13	1.5	1.0	SF5	1.6X 190 7
2000	JUN	5	0911	50.74	19	12.54	155	26.14	7.98	14	.12	1.3	.9	LSW	1.2X 226 5
2000	JUN	5	1009	55.85	19	10.84	155	14.31	51.21	10	.13	3.4	1.1	DEP	1.5X 284 15
2000	JUN	5	1105	39.99	19	34.29	155	59.87	11.78	24	.12	1.4	.4	KON	2.1X 254 12
2000	JUN	5	1144	56.45	19	18.51	155	13.12	9.50	26	.10	.5	.7	SF2	1.9X 161 8
2000	JUN	5	1553	59.76	19	36.54	155	52.93	23.24	15	.11	1.8	1.3	KON	.8X 246 10
2000	JUN	5	2242	24.66	19	16.54	155	25.76	8.63	10	.11	1.2	2.0	INT	1.0X 111 5
2000	JUN	6	0854	47.30	19	24.89	155	36.44	28.78	16	.10	1.3	.9	DML	1.7X 138 4
2000	JUN	6	0854	58.35	19	25.08	155	36.50	27.16	20	.11	.8	1.2	DML	1.9X 125 4
2000	JUN	6	1054	38.46	19	24.09	155	18.16	3.25	10	.07	1.1	1.2	SST	1.2X 88 3
2000	JUN	6	1103	19.90	19	24.66	155	17.43	5.82	12	.10	1.2	1.0	INT	1.4X 81 1
2000	JUN	6	1404	7.19	19	25.58	155	28.67	8.65	20	.10	.4	.8	KAO	1.1X 64 6
2000	JUN	6	1820	30.47	19	21.28	155	2.15	1.09	24	.13	1.2	.6	SSF	1.4X 189 9

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN					
YEAR	MON	DA	HRMN	SEC	DEG	MIN	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2000	MAY	30	2022	58.30	19	34.55	155	59.98	11.72	15	.12	2.2	.6	KON	1.2U 255 13
2000	MAY	30	2252	58.97	19	5.58	155	29.46	31.74	32	.09	.9	1.4	DLS	2.3X 177 19
2000	MAY	30	2317	3.65	19	25.65	155	16.13	11.45	11	.15	2.8	1.3	INT L	1.2X 234 2
2000	MAY	30	2334	18.69	19	19.15	155	13.25	8.49	29	.11	.5	.7	SF2	1.6X 136 6
2000	MAY	31	0332	31.37	19	19.47	155	13.72	8.65	31	.12	.6	.7	SF2	1.5X 132 6
2000	MAY	31	0542	13.50	19	11.98	155	41.62	0.92	15	.13	.5	.6	LSW	1.1X 91 9
2000	MAY	31	0759	17.49	19	20.91	155	1.67	7.45	37	.10	.7	.5	SF5	2.5X 184 9
2000	MAY	31	0852	25.56	19	18.26	155	13.11	5.86	22	.11	.6	1.6	SF2	1.2X 150 8
2000	MAY	31	0936	46.14	19	25.54	155	28.98	10.09	22	.10	.5	.9	KAO	1.1X 92 6
2000	MAY	31	0955	28.93	19	9.08	155	15.38	13.94	17	.13	1.6	.6	LOI	2.1X 263 17
2000	MAY	31	1322	16.55	19	24.48	155	18.55	11.96	12	.09	.8	1.2	INT L	1.7X 100 2
2000	MAY	31	2010	25.39	19	24.50	155	17.31	9.83	14	.10	.6	.9	INT L	1.3X 75 1
2000	JUN	1	0025	55.71	19	18.67	155	12.79	9.78	20	.10	.7	1.0	SF2	1.2X 158 7
2000	JUN	1	0642	23.02	19	24.00	155	17.53	13.35	12	.07	.9	1.3	DEP L	1.5X 81 2
2000	JUN	1	0716	8.87	19	19.48	155	13.54	7.51	29	.11	.6	.9	SF2	1.4X 132 6
2000	JUN	1	0801	42.24	19	23.99	155	15.70	3.22	21	.08	.3	.3	SEC	2.0X 146 2
2000	JUN	1	0914	39.25	19	24.72	155	17.38	11.27	14	.11	.8	1.1	INT L	1.6X 79 1
2000	JUN	1	1620	42.32	19	19.00	155	26.25	49.26	28	.12	1.3	1.7	DLS	1.6X 88 6
2000	JUN	1	1717	38.65	19	19.35	155	13.68	7.05	24	.11	.5	.8	SF2	.9X 144 6
2000	JUN	1	1831	0.34	19	24.90	155	1.37	11.43	12	.17	1.9	1.1	SF5	1.1X 160 5
2000	JUN	1	2154	20.10	19	18.33	155	13.08	6.86	16	.10	.7	2.0	SF2	1.4X 148 8
2000	JUN	2	0443	24.08	19	27.26	155	24.26	2.75	7	.08	.5	.9	KAO	1.0X 122 4
2000	JUN	2	0012	57.26	19	18.35	155	12.92	8.61	16	.09	.6	1.2	SF2	1.4X 160 7
2000	JUN	2	0017	16.18	19	18.35	155	12.97	8.89	27	.13	.6	.7	SF2	1.5X 144 8
2000	JUN	2	0017	14.25	19	23.99	155	17.82	13.85	14	.10	1.5	1.3	DEP L	2.0U 85 2
2000	JUN	2	0156	54.64	19	20.46	155	11.43	7.94	19	.10	.5	.9	SF3	1.8X 110 4
2000	JUN	2	0254	48.90	19	25.18	155	39.14	2.79	13	.09	.9	.7	MLO	1.1X 203 3
2000	JUN	2	0443	24.08	19	27.26	155	24.26	2.75	7	.08	.5	.9	KAO	1.0X 122 4
2000	JUN	2	0502	18.23	19	19.44	155	11.58	5.96	20	.09	.6	1.5	SF3	1.3X 126 6
2000	JUN	2	0723	40.69	19	19.07	155	15.13	8.86	35	.12	.4	.4	SF1	2.0X 137 4
2000	JUN	2	0729	50.12	19	18.71	155	15.04	5.56	20	.12	.5	1.3	SF1	1.2X 142 5
2000	JUN	2	0917	6.50	19	23.34	155	19.25	0.97	8	.10	1.4	3.8	KAO L	2.0X 157 4
2000	JUN	2	1054	53.31	19	18.08	155	12.64	8.90	25	.11	.6	1.1	SF2	1.4X 152 8
2000	JUN	2	0008	28.75	19	26.71	155	25.99	6.01	17	.11	.5	1.1	KAO	1.8X 102 3
2000	JUN	2	1105	47.88	19	4.05	155	29.78	30.54	18	.10	1.5	1.3	DLS	1.4U 249 21
2000	JUN	2	1134	40.71	19	32.97	155	56.86	40.93	24	.08	2.0	1.3	KON	1.9X 258 7
2000	JUN	2	1150	50.27	19	29.48	155	26.71	10.77	16	.11	.6	1.2	KAO	1.2X 102 5
2000	JUN	2	1233	28.29	19	20.95	155	6.18	8.46	37	.10	.5	.4	SF4	2.5X 141 5
2000	JUN	2	1455	46.70	19	17.34	155	12.98	9.24	29	.08	.6	.9	SF2	1.8X 188 9
2000	JUN	2	1558	52.78	19	17.95	155	12.76	7.94	17	.11	.7	1.4	SF2	1.3X 155 8
2000	JUN	2	1620	8.99	19	32.73	155	45.69	12.58	14	.11				

ORIGIN TIME (HST)	LAT N	LONG W	DEPTH N	RMS ERH ERZ LOC	PREF AZ MIN	YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	RM	REMK	LOC	PREF	AZ	MIN				
2000 JUN 6	2019	52.98	19	25.35	154	55.04	7.43	15	12	1.5	.7	LER	1.1X	242	4															
2000 JUN 6	2211	30.33	19	27.05	155	28.74	10.67	13	09	6	1.6	KAO	1.1X	82	7															
2000 JUN 6	2213	42.04	19	50.64	155	57.07	44.05	36	10	9	1.4	HUA	2.6X	162	21															
2000 JUN 6	2238	30.23	19	17.76	155	14.32	0.03	23	09	4	.6	SFF	1.2X	157	8															
2000 JUN 7	0411	14.04	19	20.39	155	10.83	8.59	28	12	6	.4	SFF	1.8X	114	4															
2000 JUN 7	0415	25.48	19	20.64	155	11.06	9.33	20	07	6	.7	SF3	1.5X	112	3															
2000 JUN 7	0731	9.87	19	14.77	155	26.18	7.48	14	10	6	.9	LSW	.8X	152	4															
2000 JUN 7	0926	19.62	19	24.75	155	16.68	10.31	10	04	1.9	.9	INT	2.0X	213	1															
2000 JUN 7	2037	23.90	19	23.57	155	26.95	11.34	18	11	5	.7	KAO	1.1X	79	2															
2000 JUN 8	0255	45.59	19	22.43	155	7.40	3.35	11	06	6	.5	SER	1.1X	115	2															
2000 JUN 8	0446	54.89	19	29.46	155	26.46	6.42	12	09	6	1.5	KAO	1.5X	103	5															
2000 JUN 8	0458	1.91	19	28.55	155	54.26	13.16	14	12	9	.6	KON	.9X	143	2															
2000 JUN 8	0527	52.75	19	43.25	156	1.98	34.53	19	11	1.1	1.8	HUA	1.2X	181	21															
2000 JUN 8	0619	17.49	18	54.42	155	17.26	21.96	17	09	1.6	5.1	LOI	1.3X	299	39															
2000 JUN 8	0636	15.13	19	33.09	155	28.48	14.32	18	13	7	.6	DML	1.5X	101	5															
2000 JUN 8	0733	28.20	19	19.70	155	8.89	6.87	19	07	5	.8	SF4	1.2X	101	5															
2000 JUN 8	1143	15.95	19	19.90	155	11.89	7.28	15	09	6	1.3	SF3	1.3X	121	5															
2000 JUN 8	1538	9.53	19	29.56	155	26.76	7.68	13	11	6	1.5	KAO	1.0X	103	5															
2000 JUN 8	1819	1.81	19	19.93	155	11.76	8.97	34	12	6	.5	SF3	2.2X	127	5															
2000 JUN 8	1854	58.47	19	26.71	155	19.77	7.91	32	11	5	.6	KAO	2.0X	71	2															
2000 JUN 8	1857	54.69	19	26.54	155	19.99	7.75	18	13	9	1.0	KAO	1.2X	148	2															
2000 JUN 8	1916	56.66	19	13.14	155	32.65	9.38	35	15	6	.8	LSW	2.3X	125	6															
2000 JUN 8	2113	33.83	19	11.03	155	28.62	31.10	21	11	1.3	1.6	DLS	1.3X	211	10															
2000 JUN 8	2348	8.41	19	22.65	155	29.68	11.20	22	13	5	1.0	KAO	1.4X	132	11															
2000 JUN 9	0238	41.68	19	19.08	155	15.53	7.00	25	11	5	.6	SF1	1.4X	87	6															
2000 JUN 9	0316	11.21	19	22.36	155	17.25	10.13	11	07	1.3	1.0	INT	2.2X	158	2															
2000 JUN 9	1040	19.09	19	31.93	155	18.35	36.59	12	09	2.9	2.4	DEP	1.5X	196	9															
2000 JUN 9	1137	55.03	19	4.47	155	29.65	31.20	30	09	1.5	1.4	DLS	2.0X	184	20															
2000 JUN 9	1839	43.89	19	33.37	155	41.12	11.10	23	12	6	.9	MLO	1.4X	122	11															
2000 JUN 9	1916	23.68	19	26.25	155	28.85	9.93	35	10	3	.6	KAO	1.9X	59	7															
2000 JUN 9	2131	17.61	19	22.61	155	27.90	6.47	18	11	5	.8	KAO	1.3X	114	1															
2000 JUN 10	0215	2.55	19	31.81	155	54.05	12.39	15	12	1.3	.6	KON	1.3X	178	5															
2000 JUN 10	0315	42.42	19	33.42	155	45.12	10.84	23	13	6	.6	KON	1.8X	126	17															
2000 JUN 10	0412	10.15	19	55.01	155	25.05	9.24	11	13	1.7	.9	KEA	1.1X	229	8															
2000 JUN 10	0918	36.40	19	15.88	155	14.79	44.46	12	05	2.2	1.0	DEP	1.4X	219	8															
2000 JUN 10	1236	9.56	19	25.49	155	19.10	6.39	21	10	7	1.0	KAO	1.4X	80	3															
2000 JUN 10	1343	31.73	19	25.63	155	14.80	15.87	9	09	1.1	1.0	DEP	1.5X	249	6															
2000 JUN 10	1425	45.16	19	26.92	155	28.50	13.67	12	10	6	1.7	DML	.9X	102	9															
2000 JUN 10	1635	12.02	19	22.12	155	28.87	11.04	38	11	4	.5	KAO	3.2U	79	2															
2000 JUN 10	1735	4.83	19	14.34	155	16.79	44.46	12	05	2.2	1.0	DEP	1.3X	285	7															
2000 JUN 10	2104	18.22	19	29.26	155	24.50	6.45	30	13	5	.9	KAO	2.2X	73	2															
2000 JUN 11	0023	23.03	19	18.50	154	59.72	8.06	14	04	9	.9	LER	1.6X	237	12															
2000 JUN 11	0408	54.63	19	26.73	155	28.83	10.55	25	12	4	.7	KAO	2.0X	81	7															
2000 JUN 11	0416	20.79	19	10.48	155	22.43	48.18	18	11	1.5	1.4	DEP	1.4X	219	8															
2000 JUN 11	0457	10.79	19	52.03	156	27.57	6.98	16	12	2.515	5	DLS	-	2.2X	227	71														

ORIGIN TIME (HST)	LAT N	LONG W	DEPTH N	RMS ERH ERZ LOC	PREF AZ MIN	YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	RM	REMK	LOC	PREF	AZ	MIN
2000 JUN 11	0646	28.23	19	15.70	155	28.09	11.22	14	10	8	1.2	LSW	1.1X	162	8											
2000 JUN 11	0805	9.28	19	16.47	155	26.10	9.46	31	11	4	.5	LSW	2.1X	114	5											
2000 JUN 11	1111	9.35	19	14.85	155	19.05	43.00	24	09	1.9	1.1	DEP	1.8X	188	6											
2000 JUN 11	1818	12.20	19	15.40	155	28.88	10.61	28	15	5	.8	LSW	1.8X	152	2											
2000 JUN 11	2243	22.89	19	27.04	155	29.73	10.18	17	11	5	1.1	KAO	1.6X	80	7											
2000 JUN 11	2351	1.62	19	4.73	155	29.13	31.45	18	11	2.5	1.5	DLS	1.5X	292	20											
2000 JUN 12	0235	18.81	19	31.32	155	4.49	14.53	36	12	7	.5	DEP	3.1X	129	15											
2000 JUN 12	0825	9.25	19	14.49	155	30.44																				

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	
2000	JUN	19	1337	20.28	19	45.19	155	1.94	9.14	23	.15	1.3	1.3	HIL	1.7X	252	34	
2000	JUN	19	1506	51.05	19	25.29	155	18.85	6.77	23	.10	.6	.9	INT	1.7X	76	2	
2000	JUN	19	1616	26.68	19	21.86	155	13.63	25.96	30	.10	1.0	.7	DEP	2.2X	102	2	
2000	JUN	19	2213	19.06	19	19.55	155	10.65	9.27	30	.12	.6	.6	SF3	2.0X	123	5	
2000	JUN	20	0058	18.24	19	20.80	155	5.92	8.15	15	.11	.8	1.2	SF4	1.4X	153	6	
2000	JUN	20	0119	3.02	19	25.29	155	17.10	12.72	10	.11	1.2	1.0	INT L	1.3X	167	1	
2000	JUN	20	0204	47.30	19	21.60	155	27.87	11.04	24	.10	.5	.8	KAO	1.5X	82	2	
2000	JUN	21	0244	25.26	19	21.88	155	4.59	7.35	27	.15	.6	.6	SF5	1.8X	157	6	
2000	JUN	21	0647	54.10	19	22.46	155	29.89	13.63	21	.08	.7	1.3	DML	1.7X	119	7	
2000	JUN	21	1452	9.82	19	20.44	155	10.82	7.67	15	.06	.6	1.1	SF3	.9X	114	3	
2000	JUN	21	1650	52.45	19	12.78	155	31.05	7.78	23	.10	.6	.5	LSW	1.9X	178	5	
2000	JUN	22	0642	26.15	19	23.64	155	17.21	7.11	10	.14	1.2	1.3	INT L	2.0X	109	1	
2000	JUN	22	1051	46.08	19	19.76	155	15.28	8.95	27	.11	.5	.5	SF1	1.3X	128	4	
2000	JUN	22	1818	51.09	19	46.88	155	53.82	14.32	29	.19	1.9	.6	HUA	1.9X	254	12	
2000	JUN	23	0349	15.08	19	24.98	155	38.61	3.10	31	.12	.3	.3	MLO	2.3X	90	2	
2000	JUN	23	0906	22.05	19	11.80	155	27.71	7.35	34	.14	1.0	.8	LSW	1.9X	208	7	
2000	JUN	23	1132	34.61	19	9.59	155	31.02	7.31	17	.10	.9	1.6	LSW	1.4X	215	10	
2000	JUN	23	1256	56.79	19	22.53	155	24.92	10.82	17	.10	.6	.8	KAO	1.3X	92	5	
2000	JUN	23	1319	42.97	19	20.14	155	12.04	9.58	32	.10	.5	.6	SF3	1.9X	118	5	
2000	JUN	23	2114	51.85	19	18.16	155	29.44	8.65	31	.18	.5	.9	LSW	1.9X	66	6	
2000	JUN	24	0057	26.97	19	18.35	155	16.09	5.99	24	.12	.5	1.1	SF1	1.3X	145	5	
2000	JUN	24	0151	25.16	19	25.44	155	18.15	9.48	10	.11	1.8	1.1	INT L	1.2X	142	1	
2000	JUN	24	0551	5.52	19	18.48	155	26.13	10.90	30	.12	.4	.7	LSW	1.5X	75	6	
2000	JUN	24	2111	56.07	19	15.94	155	29.75	9.84	22	.15	.6	1.1	LSW	1.7X	97	2	
2000	JUN	24	2143	36.22	19	25.31	155	17.87	6.70	11	.12	1.7	1.1	INT L	2.2X	85	0	
2000	JUN	25	0150	24.74	19	24.24	155	17.55	1.99	13	.12	.6	.3	SSC L	1.2X	85	2	
2000	JUN	25	0331	14.46	19	20.19	155	12.13	7.51	16	.06	.5	1.1	SF3	1.2X	126	5	
2000	JUN	25	0911	39.05	19	22.22	155	10.15	3.14	15	.12	.8	.4	SER	1.5X	130	1	
2000	JUN	25	1646	15.31	19	19.07	155	13.84	7.37	26	.10	.6	1.0	SF2	1.4X	137	7	
2000	JUN	25	2331	40.89	20	14.31	155	8.10	16.24	13	.11	3.215	0	KEA	-	2.1X	324	44
2000	JUN	26	0216	22.58	19	25.89	155	17.26	8.81	10	.15	2.2	1.3	INT L	2.4X	184	1	
2000	JUN	26	0647	2.78	19	23.77	155	22.50	9.49	29	.11	.4	.8	KAO	2.0X	66	8	
2000	JUN	26	0811	16.24	19	23.79	155	18.11	9.39	8	.10	2.0	1.7	INT L	1.7X	152	3	
2000	JUN	26	1248	22.86	19	19.26	155	12.19	7.71	24	.08	.5	.9	SF3	1.4X	132	6	
2000	JUN	27	0041	37.13	19	19.65	155	11.66	8.22	28	.11	.6	.8	SF3	1.4X	133	5	
2000	JUN	27	0951	51.66	19	24.01	155	27.71	8.12	19	.09	.5	1.1	KAO	1.3X	98	5	
2000	JUN	27	1128	32.51	19	11.36	155	28.05	33.73	26	.08	.8	1.3	DLS	1.7X	151	8	
2000	JUN	28	0406	38.55	19	20.20	155	7.73	7.95	28	.09	.5	.6	SF4	1.5X	125	5	
2000	JUN	28	1112	17.00	19	25.71	155	16.49	9.38	11	.12	1.4	1.1	INT L	2.1X	173	2	
2000	JUN	28	1716	35.38	19	20.14	155	11.98	7.30	19	.10	.5	.9	SF3	1.3X	125	5	
2000	JUN	28	2233	29.77	19	20.88	155	11.02	9.33	32	.11	.6	.6	SF3	1.8X	103	3	
2000	JUN	29	0302	37.57	19	19.56	155	15.81	22.18	30	.09	.6	.8	DEP	1.9X	115	4	
2000	JUN	29	0408	10.71	19	19.99	155	7.83	7.33	23	.11	.6	.8	SF4	1.0X	124	5	
2000	JUN	30	0215	55.68	19	20.04	155	19.77	28.42	18	.10	1.4	1.4	DEP	1.4X	121	4	
2000	JUN	30	0857	55.95	19	24.53	155	19.55	8.99	8	.09	2.1	1.8	KAO L	1.9X	269	4	

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN									
YEAR	MON DA HRMN	SEC	DEG MIN	DEG MIN	DEG MIN	KM	RD	SEC	KM	KM	REMARKS								
2000	JUL	10	1540	46.07	19	8.78	156	9.81	31.16	21	1.1	1.3	1.6	KON	2.5U	301	33		
2000	JUL	10	0157	23.31	19	4.91	156	15.71	38.98	17	1.0	2.6	1.9	KON	2.1X	333	46		
2000	JUL	10	0349	0.71	20	11.96	155	51.03	36.08	35	1.0	.9	.7	KOH	2.2X	179	6		
2000	JUL	10	0847	31.62	19	19.24	155	15.89	33.00	39	1.2	.8	.8	DEP	2.1X	134	3		
2000	JUL	10	1016	39.41	19	4.53	156	20.09	41.17	15	.09	2.8	2.5	DIS	1.8X	335	53		
2000	JUL	10	1814	38.86	19	55.87	155	23.92	10.34	28	1.4	.8	.5	KEA	1.9X	189	7		
2000	JUL	10	1915	6.02	19	53.14	155	22.00	9.61	20	1.2	1.0	.5	KEA	1.7X	192	3		
2000	JUL	10	2008	47.29	19	25.46	155	16.73	9.95	10	1.3	1.7	1.4	INT L	2.5X	220	1		
2000	JUL	10	2101	40.15	19	21.07	155	12.72	9.10	24	1.3	.7	.7	SF2	1.3X	112	3		
2000	JUL	11	0241	11.01	19	7.05	156	14.00	34.35	12	1.0	2.0	3.8	KON	1.8X	313	41		
2000	JUL	11	0502	50.28	19	52.03	156	29.63	1.39	19	1.0	2.0	.7	DIS	1.8X	231	74		
2000	JUL	11	0929	22.62	19	19.65	155	8.12	7.28	29	.07	.5	.7	SF4	1.6X	170	4		
2000	JUL	11	1404	26.88	19	25.89	155	17.44	11.00	12	1.2	1.9	1.3	INT L	1.2X	166	1		
2000	JUL	11	1419	2.68	19	26.06	155	16.90	12.63	10	.08	1.5	1.1	INT L	2.1X	191	2		
2000	JUL	11	1428	2.63	19	25.10	155	16.85	8.79	9	1.0	1.6	.8	INT L	1.3X	176	1		
2000	JUL	11	1511	22.33	19	24.10	155	19.77	6.54	8	1.1	2.0	3.0	KAO L	1.1X	167	4		
2000	JUL	11	1648	26.97	19	26.89	155	16.57	7.13	7	.09	2.0	1.9	INT L	1.5X	207	6		
2000	JUL	11	1828	21.89	19	24.96	155	17.24	10.87	11	1.1	2.0	1.3	INT L	2.1X	142	0		
2000	JUL	11	2117	6.50	19	24.69	155	17.01	11.41	10	1.3	1.9	1.5	INT L	1.2X	118	0		
2000	JUL	11	2125	51.34	19	20.32	155	23.92	9.74	16	1.1	.7	1.1	SWR	1.0X	94	1		
2000	JUL	12	0044	24.57	19	18.04	155	13.20	5.41	25	1.1	.5	1.8	SF2	1.3X	154	8		
2000	JUL	12	0159	34.94	19	25.56	155	18.37	8.32	12	.09	1.4	.8	INT L	1.4X	149	1		
2000	JUL	12	0352	53.79	19	2.89	156	15.76	36.20	18	1.2	2.1	2.7	KON	1.8X	335	48		
2000	JUL	12	0438	47.71	19	23.21	155	30.01	9.78	15	.07	.5	1.1	KAO	1.5X	113	4		
2000	JUL	12	0616	42.67	19	24.14	155	14.67	11.53	8	1.3	2.7	1.7	INT L	1.7X	269	3		
2000	JUL	12	0644	24.57	19	18.04	155	13.20	5.41	25	1.1	.5	1.8	SF2	1.3X	154	8		
2000	JUL	12	0854	52.68	19	51.58	156	31.92	38.29	20	1.2	1.5	4.2	DIS	2.1X	241	75		
2000	JUL	12	1030	20.44	19	25.20	155	16.17	13.57	7	.09	2.6	1.3	DEP L	1.9X	229	3		
2000	JUL	12	1606	25.69	19	23.75	155	19.13	6.36	11	.09	1.4	2.9	KAO L	1.6X	110	4		
2000	JUL	12	1812	35.47	19	25.22	155	16.05	9.28	9	.06	1.4	1.3	INT L	2.0X	193	3		
2000	JUL	12	1947	22.46	19	4.93	156	16.79	13.14	18	1.5	8.6	6.12	4	KON	-	2.2U	316	48
2000	JUL	12	2147	1.40	19	25.36	155	16.97	10.82	10	.09	1.7	1.2	INT L	1.8X	218	1		
2000	JUL	13	0117	42.51	19	16.54	155	47.60	6.23	20	1.2	.7	3.4	KON	1.5X	134	8		
2000	JUL	13	0308	18.29	19	26.93	155	15.25	9.23	7	1.6	1.3	1.6	INT L	2.0X	212	3		
2000	JUL	13	0518	7.65	19	26.14	155	16.28	6.65	12	1.2	1.4	.9	INT L	2.2X	184	3		
2000	JUL	13	0737	13.13	19	22.16	155	36.60	13.87	21	1.1	.6	.9	DML	1.3X	105	6		
2000	JUL	13	0848	16.91	19	20.06	155	7.36	6.30	18	.09	.6	.9	SF4	1.3X	197	5		
2000	JUL	13	1158	57.13	19	25.91	155	17.25	12.44	10	.09	1.9	1.4	INT L	2.1X	97	1		
2000	JUL	13	1334	41.64	19	3.60	156	21.09	41.91	25	.09	1.5	2.4	DIS	2.3X	301	55		
2000	JUL	13	1636	49.63	19	24.20	155	17.79	6.25	9	.09	1.2	1.4	INT L	2.0X	143	2		
2000	JUL	13	1950	1.91	19	22.21	155	19.21	2.83	10	.05	.8	1.9	KAO L	1.4X	247	5		
2000	JUL	14	0024	55.90	19	25.76	155	14.90	9.41	11	.09	2.3	.7	INT L	1.9X	259	4		
2000	JUL	14	0051	9.16	19	4.66	156	19.90	43.38	24	1.1	1.6	2.0	KON	2.1X	322	53		
2000	JUL	14	0241	44.59	19	11.89	155	40.49	12.40	19	1.3	.8	.9	LSW	1.3U	162	11		
2000	JUL	14	0843	19.04	19	15.25	155	28.13	11.81	25	1.3	.8	1.1	LSW	1.8X	196	7		
2000	JUL	14	1103	48.36	19	24.85	155	18.32	7.73	8	1.3	1.1	1.6	INT L	1.2X	91	2		
2000	JUL	14	1122	27.34	19	49.46	155	7.43	40.48	16	.08	1.1	2.0	KEA	2.2X	233	24		
2000	JUL	14	1147	9.07	19	4.07	156	20.33	39.72	27	.09	1.4	2.2	DIS	2.3X	300	54		
2000	JUL	14	1403	55.78	19	22.86	155	19.52	2.01	9	.07	.5	1.3	KAO L	2.1X	250	5		
2000	JUL	14	1956	19.89	19	26.17	155	16.13	8.72	11	1.1	2.0	1.1	INT L	2.0X	201	3		
2000	JUL	14	2034	50.60	19	5.65	155	27.95	35.52	21	.09	1.3	1.7	DUS	1.6X	201	17		
2000	JUL	14	2207	49.17	19	22.43	155	24.91	10.59	18	1.0	.5	.8	KAO	1.1X	92	5		
2000	JUL	15	0219	24.96	19	3.82	156	18.34	38.50	28	1.0	1.4	2.2	KON	2.3X	288	51		
2000	JUL	15	0842	34.81	19	3.45	156	19.49	11.97	21	1.6	1.0	1.4	2	KON	-	1.8X	336	53
2000	JUL	15	1438	43.42	19	22.98	155	17.13	2.94	14	.08	.5	.3	SSC	2.0X	75	1		
2000	JUL	15	1502	54.82	19	17.40	155	16.52	6.56	24	1.1	.6	.9	SF1	1.4X	157	4		
2000	JUL	15	1756	21.65	19	4.54	156	19.33	41.06	25	.09	1.5	2.4	KON	2.6X	304	52		
2000	JUL	15	2133	22.94	19	19.18	155	9.57	8.87	14	.05	.7	1.5	SF3	1.7X	116	4		
2000	JUL	15	2234	13.59	19	25.92	155	15.94	13.69	11	1.4	2.1	1.8	DEP L	3.6U	200	3		
2000	JUL	15	2237	33.16	19	25.60	155	16.98	8.69	6	1.0	2.1	1.5	INT L	1.5X	189	1		
2000	JUL	15	2309	51.25	19	24.16	155	30.10	9.18	25	.09	4.1	0.0	KAO	1.2X	77	5		
2000	JUL	16	0020	29.96	19	15.88	155	32.70	10.20	20	.08	.4	.9	LSW	1.4X	135	5		
2000	JUL	16	0050	21.73	19	25.47	155	19.09	6.69	22	1.3	.5	1.0	KAO	1.7X	79	3		
2000	JUL	16	0429	40.19	19	28.42	154	52.46	6.03	32	1.3	1.1	.6	DER F	2.2X	104	3		
2000	JUL	16	0848	17.06	19	26.39	155	15.23	7.49	8	1.1	2.2	1.1	INT L	2.3X	303	4		
2000	JUL	16	0932	38.38	19	19.52	155	7.59	7.58	24	.09	.6	.8	SF4	1.8X	134	4		
2000	JUL	16	1336	55.56	19	9.24	156	10.35	32.61	21	1.1	1.7	1.5	KON	2.2X	301	34		
2000	JUL	16	1719	18.75	19	4.84	156	15.12	38.41	19	1.0	2.3	2.0	KON	2.2X	317	45		
2000	JUL	16	1934	15.11	19	26.64	155	18.33	8.37	11	.07	1.7	1.3	INT L	3.2U	185	3		
2000	JUL	16	2333	25.77	19	24.78	155	14.97	8.69	10	.09	2.3	1.0	INT L	1.6X	258	3		
2000	JUL	16	2334	52.06	19	25.21	155	16.10	7.32	10	.06	.8	.8	INT L	2.3X	178	2		
2000	JUL	17	0020	28.92	19	20.37	155	10.95	8.80	32	1.0	.5	.6	SF3	1.8X	109	4		
2000	JUL	17	0410	36.76	19	5.37	156	19.82	39.22	34	1.2	1.4	2.0	KON	2.8X	288	52		
2000	JUL	17	0413	7.27	19	22.61	155	26.64	10.99	30	1.1	.4	.7	KAO	1.4X	44	2		
2000	JUL	17	0438	49.65	19	25.32	155	16.42	7.29	10	.09	1.2	.9	INT L	2.4X	185	1		
2000	JUL	17	0458	28.88	19	17.61	155	31.57	8.29	25	1.3	.4	1.2	LSW	1.4X	88	5		
2000	JUL	17	0727	30.60	19	24.63	155	16.84	7.64	10	1.2	1.8	1.2	INT L	1.6X	148	1		
2000	JUL	17	0859	29.22	19	23.82	155	16.56	7.09	7	.05	1.0	1.3	INT L	1.7X	142	3		
2000	JUL	17	0947	5.20	19	24.46	155	19.72	13.41	8	1.1	1.7	2.4	DML	2.2U	191	4		
2000	JUL	17	1125	44.98	19	20.70	155	5.68	6.61	21	1.3	.6	1.0	SF4	1.6X	157	6		
2000	JUL	17	1152	11.02	19	24.18	155	17.21	8.31	9	1.4	2.0	1.8	INT L	1.8X	133	1		
2000	JUL	17	1323	51.47	19	25.93													

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN				
YEAR	MON DA HRMN SEC	DEG MIN	SEC	DEG MIN	SEC	KM	RD SEC	KM	KM	KM	REMKS	MAG	GAP DS	
2000	JUL 18	0218	14.30	19	19.67	155	9.52	7.79	38.12	.5	.6	SF3	1.7X 107 4	
2000	JUL 20	1406	54.16	19	4.14	156	20.89	42.54	20.11	2.6	2.6	DTS	2.2X 335 55	
2000	JUL 21	0036	40.36	18	57.78	155	26.49	40.40	28.12	1.7	2.0	DLS T	1.7X 259 33	
2000	JUL 21	0038	8.44	19	25.46	155	16.89	7.28	28.10	.5	.5	INT L	1.9X 62 1	
2000	JUL 21	0046	43.67	19	8.14	155	23.71	44.59	39.11	1.0	.9	LOI T	2.5X 266 11	
2000	JUL 21	0230	33.03	18	29.35	156	57.12	6.41	25.10	8.811	4	DTS	- 2.5X 339143	
2000	JUL 21	0448	5.33	19	5.14	156	20.02	15.11	22.17	9.215	9	DTS	- 2.0X 335 53	
2000	JUL 21	0508	46.37	19	5.28	156	21.75	40.95	28.12	1.5	2.4	DTS	2.3X 301 55	
2000	JUL 21	0519	34.98	19	13.60	155	0.48	44.52	38.13	1.1	.7	DEP	1.8X 257 15	
2000	JUL 21	0638	13.59	19	26.88	155	16.67	22.26	42.11	.6	.7	DEP	1.6X 95 2	
2000	JUL 21	0701	33.02	19	14.24	155	27.26	8.91	41.18	.7	.8	LSW	1.7X 167 5	
2000	JUL 21	1028	22.32	19	19.63	155	13.35	9.08	51.13	.4	.4	SF2 F	2.8X 130 6	
2000	JUL 18	0117	4.46	19	25.42	155	17.23	11.36	10.06	1.8	1.1	INT L	2.2X 177 1	
2000	JUL 18	0212	2.93	19	23.71	155	16.92	7.81	10.08	1.4	1.1	INT L	1.4X 78 1	
2000	JUL 18	0238	50.07	19	23.05	155	19.05	3.48	7.03	1.1	1.8	KAO L	1.5X 228 5	
2000	JUL 18	0239	19.09	19	24.02	155	19.32	6.33	8.06	2.5	1.6	KAO L	1.8X 211 5	
2000	JUL 18	0349	5.20	19	24.48	155	17.31	10.03	10.04	.9	1.1	INT L	2.4X 80 1	
2000	JUL 18	0737	59.83	19	24.38	155	16.47	6.29	10.11	1.4	.8	INT L	1.9X 162 1	
2000	JUL 18	0917	56.70	19	6.84	155	28.93	29.18	26.08	1.5	1.3	DLS	1.9X 280 15	
2000	JUL 18	1051	31.46	19	22.55	155	30.08	9.94	21.06	.4	.8	KAO	1.3X 120 4	
2000	JUL 18	1153	8.39	19	24.95	155	17.78	9.16	8.07	1.6	1.1	INT L	1.6X 156 3	
2000	JUL 18	1322	3.14	19	7.44	156	13.28	34.09	14.12	3.1	2.9	KON	1.9X 329 40	
2000	JUL 18	1700	33.26	19	19.69	155	10.08	9.50	29.09	.5	.6	SF3	1.4X 119 4	
2000	JUL 18	1713	34.70	19	25.00	155	17.33	8.26	13.06	1.1	.8	INT L	2.3X 96 1	
2000	JUL 18	1746	3.13	19	5.19	156	14.90	38.46	21.10	1.3	1.9	KON	1.8X 314 44	
2000	JUL 18	1838	45.31	19	5.44	156	22.32	37.46	15.11	2.5	4.7	DTS	1.5U 317 56	
2000	JUL 19	0137	19.72	19	23.71	155	18.11	2.04	8.07	1.0	1.2	SSC L	1.6X 140 2	
2000	JUL 19	0300	23.95	19	12.08	155	33.15	7.75	19.15	.7	1.0	LSW	1.4X 182 8	
2000	JUL 19	0741	7.19	19	15.07	155	4.70	47.51	34.12	1.3	1.1	DEP	2.1X 231 14	
2000	JUL 19	0916	38.90	19	8.11	155	28.54	37.70	20.09	1.0	1.1	DLS T	1.7X 221 7	
2000	JUL 19	0917	45.60	19	6.93	155	34.50	55.05	38.12	.9	.8	DLS T	2.2X 146 18	
2000	JUL 19	0932	18.55	19	4.67	155	25.57	49.94	29.09	1.7	2.1	DLS T	3.2X 232 18	
2000	JUL 19	1050	7.49	19	19.12	155	29.42	25.76	18.13	1.1	1.1	3.8	DML T	1.1X 150 11
2000	JUL 19	1203	9.07	19	16.83	155	31.53	5.46	23.13	.4	1.4	LSW	1.4X 99 4	
2000	JUL 19	1246	19.12	19	18.93	155	30.74	14.42	21.12	.6	1.2	DLS	1.5X 77 7	
2000	JUL 19	1311	48.91	19	26.17	155	16.19	5.98	12.10	.9	.7	INT L	2.2X 185 3	
2000	JUL 19	1330	56.08	19	21.53	155	1.86	9.71	21.11	1.3	.6	SF5	1.2X 196 9	
2000	JUL 19	2137	38.07	19	23.68	155	29.05	9.33	33.09	.3	.7	KAO	1.3X 64 3	
2000	JUL 19	2146	29.24	19	8.47	156	15.62	9.55	20.11	1.8	1.1	KON	1.8X 295 43	
2000	JUL 19	2324	16.98	19	22.77	155	18.92	0.03	26.21	.3	.4	SSC L#	1.5X 79 4	
2000	JUL 19	2324	57.10	19	25.56	155	14.64	3.64	25.09	.4	.7	SNC L	1.7X 168 4	
2000	JUL 20	0218	14.30	19	19.67	155	9.52	7.79	38.12	.5	.6	SF3	1.7X 107 4	
2000	JUL 20	0355	8.31	19	4.77	156	18.25	11.29	25.14	6.7	9.7	KON	1.9X 296 50	
2000	JUL 20	0431	21.50	19	19.04	155	12.77	8.30	27.10	.6	.8	SF2	1.4X 137 7	
2000	JUL 20	0631	20.81	19	23.64	155	17.44	10.92	29.10	.6	.4	INT L	2.4X 62 1	
2000	JUL 20	1023	46.16	19	24.39	155	29.64	10.48	19.11	.5	1.3	KAO	1.3X 74 5	
2000	JUL 20	1406	54.16	19	4.14	156	20.89	42.54	20.11	2.6	2.6	DTS	2.2X 335 55	
2000	JUL 21	0036	40.36	18	57.78	155	26.49	40.40	28.12	1.7	2.0	DLS T	1.7X 259 33	
2000	JUL 21	0046	43.67	19	8.14	155	23.71	44.59	39.11	1.0	.9	LOI T	2.5X 266 11	
2000	JUL 21	0230	33.03	18	29.35	156	57.12	6.41	25.10	8.811	4	DTS	- 2.5X 339143	
2000	JUL 21	0448	5.33	19	5.14	156	20.02	15.11	22.17	9.215	9	DTS	- 2.0X 335 53	
2000	JUL 21	0508	46.37	19	5.28	156	21.75	40.95	28.12	1.5	2.4	DTS	2.3X 301 55	
2000	JUL 21	0519	34.98	19	13.60	155	0.48	44.52	38.13	1.1	.7	DEP	1.8X 257 15	
2000	JUL 21	0638	13.59	19	26.88	155	16.67	22.26	42.11	.6	.7	DEP	1.6X 95 2	
2000	JUL 21	0701	33.02	19	14.24	155	27.26	8.91	41.18	.7	.8	LSW	1.7X 167 5	
2000	JUL 21	1028	22.32	19	19.63	155	13.35	9.08	51.13	.4	.4	SF2 F	2.8X 130 6	

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN			
YEAR	MON DA HRMN SEC	DEG MIN	SEC	DEG MIN	SEC	KM	RD SEC	KM	KM	KM	REMKS	MAG	GAP DS
2000	JUL 21	1331	28.03	19	25.11	155	15.92	11.11	25.12	.8	.5	INT L	1.9X 120 2
2000	JUL 21	1727	45.45	19	24.42	155	17.48	1.94	22.11	.4	.2	SSC L	1.6X 82 1
2000	JUL 21	1952	35.95	19	12.51	155	20.60	45.76	36.10	1.1	.9	DEP	2.1X 229 7
2000	JUL 21	2014	50.13	19	25.78	155	17.29	5.44	31.13	.4	.4	INT L	2.1X 76 1
2000	JUL 21	2225	15.81	19	22.12	155	29.09	9.47	24.09	.4	.7	KAO	.9X 84 3
2000	JUL 21	2233	52.82	19	18.10	155	12.62	0.08	23.12	.6	.5	SSF	.9X 190 8
2000	JUL 22	0619	0.96	19	24.73	155	16.14	10.41	17.13	1.1	.9	INT L	1.6X 100 2
2000	JUL 22	0805	5.37	19	2.00	155	26.14	39.25	26.10	1.5	1.9	DLS	1.5X 244 23
2000	JUL 22	1023	45.72	19	24.73	155	16.34	1.29	26.10	.2	.2	SNC L	1.5X 137 1
2000	JUL 22	1722	23.99	19	24.17	155	16.41	6.78	10.08	.9	1.0	INT L	1.8X 117 1
2000	JUL 22	2053	8.91	19	22.77	155	14.47	2.32	23.10	.3	.3	SEC	1.7X 121 2
2000	JUL 22	2132	4.71	19	9.31	155	34.47	47.81	34.13	1.1	1.6	DLS T	2.5X 135 20
2000	JUL 22	2156	14.19	19	24.92	155	17.36	9.73	12.11	1.1	1.5	INT L	2.0X 118 1
2000	JUL 23	0221	22.87	19	25.65	155	13.81	31.74	37.09	.8	.8	DEP	1.3X 105 2
2000	JUL 23	0341	20.79	19	25.18	155	16.89	6.91	11.14	1.1	1.1	INT L	2.0X 153 1
2000	JUL 23	0355	32.65	19	24.49	155	16.94	10.86	10.08	1.7	1.6	INT L	2.2X 92 1
2000	JUL 23	1426	30.35	19	25.41	155	23.95	10.39	47.11	.3	.5	KAO	2.3X 50 2
2000	JUL 23	1617	13.63	19	29.00	156	3.45	36.91	38.09	1.0	.8	KON	2.0X 239 15
2000	JUL 23	1843	26.65	19	21.88	155	11.36	3.65	18.05	.6	.4	SER	1.8X 118 3
2000	JUL 23	1953	27.08	19	25.54	155	15.81	8.84	11.22	2.4	1.6	INT L	1.8X 180 2
2000	JUL 24	0121	28.47	19	19.03	155	15.27	8.67	40.12	.4	.5	SF1	1.9X 138 6
2000	JUL 24	0251	44.35	19	22.39	155	29.85	11.93	23.10	.6	1.0	KAO	1.7X 85 4
2000	JUL 24	0327	47.55	19	24.30	155	17.07	9.86	11.08	.9	1.2	INT L	2.1X 77 1
2000	JUL 24	0551	2.45	19	25.38	155	17.61	5.21	9.11	1.4	.6	INT L	1.7X 148 0
2000	JUL 24	1421	31.94	19	23.31	155	18.09	5.89	10.10	1.5	1.0	INT L	1.9X 204 2
2000	JUL 24	2100	37.53	19	26.26	155	17.40	8.66	11.12	1.1	1.1	INT L	2.1X 175 2
2000	JUL 24	2156	22.60	19	53.40	155	22.33	10.73	19.07	1.0	.4	KEA	1.6X 204 3
2000	JUL 24	2245	26.88	19	19.72	155	11.58	8.39	26.10	.6	.9	SF3	1.7X 132 5
2000	JUL 24	2350	8.21	19	3.80	156	18.29	13.68	16.16	8.512	4	KON	- 1.9U 316 51
2000	JUL 25	0006	34.64	19	12.23	155	20.10	48.53	27.11	1.1	1.4	DEP	1.8X 198 8
2000	JUL 25	0048	57.40	19	24.84	155	18.00	7.05	12.12	.8	1.3	INT L	1.8X 87 1
2000	JUL 25	0108	2.75	19	25.05	155	19.20	7.09	29.10	.4	.6	KAO	2.4X 48 3
2000	JUL 25	0238	19.85	19	49.08	156	0.51	27.61	30.11	1.6	2.3	HUA	2.0X 277 23
2000	JUL 25	1130	51.99	19	26.13	155	29.72	11.33	26.09	.5	.9	KAO	1.7X 94 6
20													

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN									
YEAR	MON	DA	HR	MIN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	RM	REMK	MAG	GAP	DS
2000	JUL	26	2205	37.15	19	24.40	155	17.80	2.09	28	.12	.3	.2	SSC	L	1.6X	50	2	
2000	JUL	27	0345	14.43	20	0.39	155	32.08	7.64	32	.14	.9	.7	KEA		1.8X	184	24	
2000	JUL	27	0508	48.16	19	25.98	155	15.57	8.44	27	.12	.5	.5	INT	L	1.6X	118	3	
2000	JUL	27	0808	33.98	19	19.54	155	11.79	6.76	38	.08	.4	.7	SF3		1.4X	136	6	
2000	JUL	27	2051	46.15	19	22.56	155	25.71	10.81	38	.10	.4	.4	KAO		1.8X	88	3	
2000	JUL	27	2227	1.40	19	25.40	155	17.61	9.08	12	.11	1.4	1.1	INT	L	2.1X	149	0	
2000	JUL	28	0718	9.42	19	23.72	155	17.00	7.02	13	.15	1.1	1.2	INT	L	2.3X	102	1	
2000	JUL	28	0851	4.92	19	20.35	155	6.91	7.73	45	.12	.4	.6	SF4		2.4X	141	6	
2000	JUL	28	1630	22.85	19	25.68	155	16.81	9.20	10	.11	1.1	1.3	INT	L	1.9X	169	3	
2000	JUL	28	1908	15.93	19	20.10	155	8.16	9.36	20	.09	.6	.8	SF4		1.3X	115	5	
2000	JUL	29	1058	33.73	19	18.12	155	16.56	8.30	32	.10	.4	.5	SF1		1.6X	137	4	
2000	JUL	29	1201	59.29	19	25.61	155	15.40	10.02	14	.10	1.2	.8	INT	L	2.3X	203	3	
2000	JUL	29	1407	46.76	19	26.70	155	19.13	5.99	36	.12	.4	.8	KAO		2.3X	67	4	
2000	JUL	29	1450	0.16	19	26.66	155	19.19	3.55	42	.13	.3	.5	KAO		2.9X	66	3	
2000	JUL	29	1452	0.71	19	16.35	155	28.88	11.68	29	.11	.4	.8	LSW		2.0X	59	3	
2000	JUL	29	1455	58.40	19	26.61	155	18.89	6.23	36	.13	.4	.6	INT		2.4X	63	3	
2000	JUL	29	1527	16.78	19	26.52	155	19.68	3.25	21	.12	.3	.5	KAO		1.5X	107	3	
2000	JUL	29	1528	26.37	19	26.04	155	20.06	2.76	15	.10	.5	.7	KAO		1.3X	126	3	
2000	JUL	29	1532	0.55	19	26.25	155	19.94	3.25	30	.10	.4	.6	KAO		1.6X	64	3	
2000	JUL	29	1542	10.46	19	26.49	155	19.48	3.14	16	.11	.5	.6	KAO		1.3X	106	3	
2000	JUL	29	1546	21.25	19	26.69	155	19.09	4.39	30	.12	.4	.8	KAO		1.9X	108	3	
2000	JUL	29	1601	41.69	19	26.42	155	19.52	2.88	23	.13	.4	.4	KAO		1.7X	105	3	
2000	JUL	29	1646	47.45	19	26.08	155	20.00	3.31	25	.13	.4	.6	KAO		2.0X	127	3	
2000	JUL	29	1743	25.26	19	25.83	155	20.41	1.71	19	.10	.3	.7	KAO		1.2X	107	3	
2000	JUL	29	1950	22.68	19	24.84	155	16.93	12.35	11	.09	1.8	1.5	INT	L	2.0X	141	0	
2000	JUL	30	0003	42.12	19	20.23	155	10.99	8.27	24	.10	.5	.7	SF3		1.6X	111	4	
2000	JUL	30	0345	13.60	19	26.50	155	18.98	6.52	37	.11	.4	.7	INT		2.2X	103	3	
2000	JUL	30	0417	17.09	19	26.55	155	19.04	6.59	29	.10	.4	.8	KAO		2.2X	105	3	
2000	JUL	30	0504	30.91	19	24.42	155	16.69	11.23	8	.04	2.4	1.8	INT	L	2.1X	141	1	
2000	JUL	30	0517	53.99	19	23.88	155	20.03	2.13	23	.08	.3	.7	KAO	L	1.5X	108	5	
2000	JUL	30	0843	58.51	19	24.18	155	18.44	2.93	32	.11	.3	.4	SSC	L	1.9X	40	3	
2000	JUL	30	1430	13.59	19	20.42	155	26.84	10.07	39	.13	.3	.7	KAO		1.6X	49	4	
2000	JUL	30	1653	34.55	19	17.46	155	29.64	8.95	27	.14	.4	1.3	LSW		1.2X	51	4	
2000	JUL	30	2323	27.79	19	26.54	155	19.52	3.38	32	.14	.3	.5	KAO		1.5X	107	3	
2000	JUL	30	2331	34.22	19	26.68	155	19.45	4.70	36	.14	.4	.9	KAO		1.6X	69	3	
2000	JUL	31	0154	46.68	19	15.52	155	6.10	43.40	38	.13	1.2	1.3	DEP		1.5X	209	5	
2000	JUL	31	0222	47.87	19	25.43	155	15.55	10.46	32	.12	.6	.5	INT	L	1.7X	114	3	
2000	JUL	31	0726	39.94	19	20.70	155	11.14	8.62	40	.12	.4	.4	SF3		1.6X	98	3	
2000	JUL	31	1055	3.47	19	24.03	155	15.84	12.27	21	.13	.6	.7	INT	L	1.8X	76	1	
2000	JUL	31	1549	41.59	19	10.83	155	33.17	53.77	25	.12	1.4	4.6	DLS	T		159	9	
2000	JUL	31	1904	25.90	19	18.48	155	13.09	6.29	13	.12	.9	2.9	SF2		1.2X	209	8	
2000	JUL	31	2020	54.12	19	18.46	155	12.81	11.21	17	.09	.7	1.0	SF2		1.3X	146	8	
2000	JUL	31	2102	0.17	19	4.77	155	24.18	34.72	19	.08	1.4	1.2	LOI		1.3X	269	18	
2000	JUL	31	2035	48.41	19	27.97	154	49.98	9.86	15	.11	1.8	.4	LER	F	1.9X	252	2	
2000	JUL	31	2234	12.57	19	20.88	155	12.08	12.14	15	.09	.7	1.0	SF3		1.4X	114	4	

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN									
YEAR	MON	DA	HR	MIN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	RM	REMK	MAG	GAP	DS
2000	AUG	1	0052	51.77	19	19.81	155	13.46	9.12	41	.14	.5	.5	SF2		2.3X	119	5	
2000	AUG	1	0058	20.69	19	11.06	155	1.97	48.57	19	.09	2.2	1.7	DEP		1.5X	256	16	
2000	AUG	1	0404	53.73	19	19.67	154	40.21	34	.13	1.6	.9	LER		1.8X	280	21		
2000	AUG	1	1026	28.21	19	25.40	155	11.04	22.61	14	.12	1.5	2.3	DEP	L	2.4X	185	6	
2000	AUG	1	1603	29.48	19	19.88	155	51.66	12.47	16	.10	1.5	.5	KON		1.7X	163	28	
2000	AUG	1	1948	26.53	19	28.96	155	52.93	14.16	24	.15	.7	.4	KON		1.5X	103	4	
2000	AUG	2	0218	35.80	19	12.30	155	43.70	3.72	12	.09	.5	2.5	KON		.90	139	7	
2000	AUG	2	0247	29.29	19	16.49	155	29.24	14.06	12	.10	.7	1.0	DLS		.9X	77	10	
2000	AUG	2	0922	27.28	19	20.09	155	7.41	8.49	43	.11	.5	.5	SF4		2.3X	127	5	
2000	AUG	2	1058	32.93	19	41.28	155	9.14	39.08	41	.10	.7	1.1	KEA		1.7X	163	28	
2000	AUG	2	1551	57.86	19	20.02	155	30.27	9.71	40	.11	.3	.9	KAO		1.4X	57	7	
2000	AUG	3	0034	39.86	19	17.57	155	28.68	9.54	40	.13	.3	.8	LSW		1.3X	48	5	
2000	AUG	3	0140	47.98	19	25.33	155	16.26	11.95	35	.12	.4	.4	INT	L	2.1X	99	2	
2000	AUG	3	0155	58.52	19	24.33	155	16.39	12.31	26	.10	.7	.6	INT	L	1.4X	83	1	
2000	AUG	3	0230	53.01	19	23.84	155	17.85	13.37	27	.11	.7	.6	DEP	L	1.9X	61	2	
2000	AUG	3	0713	2.75	19	47.23	155	30.33	21.64	35	.11	.6	1.2	KEA		1.6X	163	5	
2000	AUG	3	0902	55.63	19	23.74	155	17.46	12.25	23	.09	.5	.7	INT	L	1.7X	73	1	
2000	AUG	3	0910	16.59	19	11.96	155	25.50	39.64	35	.09	8	1.1	DLS		1.8X	151	5	
2000	AUG	3	0940	46.32	19	19.68	155	10.89	8.03	35	.10	.4	.7	SF3		1.2X	109	5	
2000	AUG	3	1002	16.56	19	24.69	155	17.22	1.84	20	.11	.4	.2	SNC	L	1.3X	139	1	
2000	AUG	3	1235	6.12	19	19.48	155	12.97	8.97	35	.13	.4	.7	SF2		1.3X	121	6	
2000	AUG	3	1456	46.28	19	24.88	155	38.46	3.45	30	.10	.4	.4	MLO		1.9X	121	2	
2000	AUG	3	1929	32.02	19	29.01	155	52.48	12.74	21	.11	.9	.4	KON		1.3X	154	5	
2000	AUG	4	0406	48.85	19	18.97	155	31.31	26.97	31	.10	.6	1.4	DLS		1.5X	75	9	
2000	AUG	4	0433	44.00	19	24.61	155	17.77	10.44	22	.11	.7	.5	INT	L	1.6X	84	1	
2000	AUG	4	0438	15.44	19	21.98	155	4.75	8.32	43	.10	.5	.4	SF5		1.9X	153	6	
2000	AUG	4	0655	42.43	19	24.94	155	15.49	10.27	35	.17	.5	.4	INT	L	2.4X	98	2	
2000	AUG	5	0121	16.92	19	23.29	155	14.40	3.86	15	.09	.4	.5	SEC		1.7X	103	3	
2000	AUG	5	0343	37.03	19	25.40	155	16.80	5.29	10	.09	.8	.9	INT	L	1.6X	105	1	
2000	AUG	5	0845	53.62	19	23.30	155	14.55	3.61	26	.11	.4	.4	SEC		2.2X	83	3	
2000	AUG	5	1354	23.44	19	2													

ORIGIN TIME (HST)				LAT N				LON W				DEPTH N RMS ERH ERZ LOC				PREF AZ MIN										
YEAR	MON	DA	HRMN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	KM	RD	SEC	KM	KM	REMKS	MAG	GAP	DS	
2000	AUG	8	0010	43.40	19	19.66	155	11.98	5.05	29	.13	.5	2.0	SF3	1.5X	125	6									
2000	AUG	8	1204	57.21	19	28.51	155	26.64	6.01	21	.12	.4	1.7	KA0	1.6X	82	6									
2000	AUG	8	2043	42.17	19	24.15	155	17.85	1.68	18	.12	.4	.4	SSC L	1.9X	78	2									
2000	AUG	9	0231	54.39	19	19.30	155	8.98	6.79	13	.08	.8	1.4	SF4	1.3X	136	4									
2000	AUG	9	0232	35.57	19	19.35	155	8.63	8.03	21	.09	.5	.9	SF4	1.4X	150	4									
2000	AUG	9	0622	6.02	19	9.50	155	32.27	46.09	27	.15	1.0	1.5	DLS L	2.0X	180	8									
2000	AUG	9	1045	7.29	19	15.09	155	33.30	11.45	31	.13	.4	.8	LSW	1.6X	107	6									
2000	AUG	9	1105	41.99	20	14.55	156	27.69	11.37	21	.09	1.2	1.1	DIS	2.2X	228	45									
2000	AUG	9	1438	36.42	19	20.48	155	11.85	8.69	33	.11	.5	.6	SF3	1.7X	113	5									
2000	AUG	9	1635	59.96	19	42.13	155	20.45	28.52	27	.12	1.6	1.1	KEA	1.8X	254	19									
2000	AUG	9	2037	31.71	19	10.84	155	29.12	43.70	43	.09	.7	.8	DLS	2.3X	127	3									
2000	AUG	10	0928	0.00	19	24.91	155	17.74	12.64	14	.10	.8	1.5	INT L	2.2X	79	1									
2000	AUG	10	1701	34.83	19	19.33	155	8.88	6.89	25	.09	.5	.9	SF4	1.5X	98	4									
2000	AUG	10	2320	39.19	19	22.41	155	28.60	10.70	24	.11	.4	.7	KA0	1.3X	81	2									
2000	AUG	10	2323	13.52	19	11.10	155	32.81	2.83	16	.11	.6	2.2	LSW	1.7X	154	9									
2000	AUG	11	0009	11.29	19	16.06	155	26.94	6.08	32	.14	.3	1.5	LSW	1.4X	67	6									
2000	AUG	11	0804	56.83	19	12.38	155	14.39	31.70	21	.09	1.4	1.4	DEP	1.7X	235	13									
2000	AUG	11	0948	31.82	19	19.36	155	13.00	7.24	18	.09	.5	1.4	SF2	1.3X	133	6									
2000	AUG	11	2359	23.99	19	14.23	155	27.01	4.99	15	.19	.6	3.2	LSW	1.1X	102	5									
2000	AUG	12	0530	50.73	19	19.44	155	7.60	9.23	36	.12	.6	.5	SF4	2.1X	106	4									
2000	AUG	12	0746	42.97	19	31.98	155	36.65	9.89	34	.12	.4	.5	MLO	1.8X	89	3									
2000	AUG	12	2253	12.37	19	29.00	155	27.76	10.63	29	.10	.4	.7	KA0	1.6X	78	6									
2000	AUG	13	0559	36.66	19	18.73	155	15.68	9.38	21	.12	.5	1.1	SF1	1.6X	141	5									
2000	AUG	13	0840	5.44	19	20.85	155	8.07	9.44	20	.05	.6	.7	SF4	1.6X	114	4									
2000	AUG	13	0953	43.12	19	18.67	155	14.74	7.13	23	.10	.6	.9	SF1	1.2X	143	5									
2000	AUG	14	0318	40.22	18	55.35	155	33.72	40.08	31	.09	1.5	1.1	DLS	1.9X	262	13									
2000	AUG	14	0833	9.63	19	20.36	155	11.78	7.54	24	.10	.5	.8	SF3	1.5X	121	5									
2000	AUG	14	1041	36.07	19	11.79	155	27.57	7.69	39	.15	.4	.8	LSW	2.0X	115	4									
2000	AUG	14	1115	49.95	19	25.24	155	2.08	45.60	41	.09	.7	.8	DEP	2.4X	124	6									
2000	AUG	14	1213	13.73	19	12.80	155	28.26	0.58	27	.14	.3	.5	LSW	1.7X	97	6									
2000	AUG	14	1514	22.74	20	1.19	155	35.50	40.32	29	.10	1.0	1.0	KOH	1.7X	262	30									
2000	AUG	15	0338	58.29	19	19.07	155	17.10	29.97	39	.10	.6	.8	DEP	1.9X	126	3									
2000	AUG	15	0742	36.69	19	25.49	155	19.71	13.96	18	.15	.8	.9	DML	1.4X	89	4									
2000	AUG	15	0946	23.33	19	25.87	155	15.80	21.39	25	.09	.7	.7	DEP	1.5X	131	3									
2000	AUG	15	0947	12.30	19	20.46	155	5.88	10.32	14	.08	1.1	.8	SF4	1.5X	243	6									
2000	AUG	15	1203	9.35	20	16.55	155	44.14	37.66	49	.11	.7	.7	KOH	2.6X	178	17									
2000	AUG	15	1809	32.24	19	13.08	155	34.53	51.13	17	.09	4.4	9.3	DLS T-	246	18										
2000	AUG	15	1946	13.11	19	24.90	155	17.72	2.11	14	.09	.5	.3	SNC L	1.8X	125	1									
2000	AUG	16	1001	47.45	19	45.31	156	3.32	4.94	22	.17	.8	1.5	HUA	1.8X	234	24									
2000	AUG	16	1125	32.81	19	20.31	155	12.49	11.26	28	.13	.6	.8	SF2	1.5X	118	4									
2000	AUG	16	1519	20.55	19	8.30	155	26.40	37.23	22	.11	1.3	1.1	DLS	1.9X	263	3									
2000	AUG	16	1653	44.30	19	12.61	155	31.66	36.61	41	.09	.6	1.0	DLS	2.1X	80	5									
2000	AUG	16	2021	6.45	19	26.76	155	28.79	10.65	37	.10	.3	.8	KA0	2.0X	46	8									
2000	AUG	16	2031	13.19	19	27.34	155	27.99	11.79	28	.10	.4	1.1	KA0	1.5X	64	9									
2000	AUG	17	0912	12.34	19	25.22	154	50.08	16.76	39	.14	1.2	1.0	LER	1.9X	250	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	RMKS	MAG	GAP	DS
2000	AUG	23	1158	25.89	19	26.19	155	23.21	11.47	22	.10	.5	1.3	KAO	1.3X	70	5
2000	AUG	23	1440	52.10	19	25.11	155	17.02	10.05	29	.13	.7	.6	INT L	2.4X	83	0
2000	AUG	23	1521	31.09	19	59.30	155	19.26	13.73	17	.09	1.2	.5	KEA	2.1X	207	11
2000	AUG	23	2005	36.39	19	25.81	155	17.49	8.74	11	.08	1.1	.7	INT L	1.9X	89	1
2000	AUG	24	0213	38.13	19	20.39	155	13.22	8.74	18	.09	.7	.8	SF2	2.0X	124	4
2000	AUG	24	0434	3.77	19	19.77	155	12.62	6.67	14	.08	.7	1.5	SF2	1.0X	205	5
2000	AUG	24	1236	15.28	19	12.81	155	28.46	4.96	20	.16	.5	1.9	LWS	1.8X	94	5
2000	AUG	24	1341	29.44	19	15.46	155	22.05	8.19	15	.11	.7	1.2	SWR	1.0X	187	4
2000	AUG	24	1443	6.88	19	30.71	155	15.39	19.07	8	.27	1.1	4.3	DEP	2.1X	266	11
2000	AUG	25	0232	45.60	19	15.25	155	13.72	7.84	35	.20	.5	.9	LWS	1.4X	60	3
2000	AUG	25	0804	42.57	19	23.12	155	14.88	3.26	19	.07	.3	.4	SEC	1.4X	109	2
2000	AUG	25	1326	45.53	19	21.49	155	19.99	14.76	33	.09	.5	.5	DEP	1.4X	89	5
2000	AUG	25	1416	4.86	19	22.69	155	14.54	3.12	19	.07	.3	.3	SEC	1.6X	123	2
2000	AUG	26	0013	30.95	19	11.01	155	42.73	10.43	12	.13	.8	1.8	LWS	.9X	161	7
2000	AUG	26	0827	41.62	19	19.73	155	17.01	3.16	24	.10	.5	.6	SF4	1.7X	128	4
2000	AUG	26	1828	30.92	19	7.37	155	40.58	1.90	20	.13	.5	1.5	LWS	1.7X	115	10
2000	AUG	26	1930	46.58	19	24.39	155	16.13	1.67	21	.13	.3	.3	SEC	1.9X	88	1
2000	AUG	26	2141	13.57	19	24.47	155	16.89	1.41	13	.07	.3	.2	SSC	1.2X	99	1
2000	AUG	27	0013	30.95	19	11.01	155	42.73	10.43	12	.13	.8	1.8	LWS	.9X	161	7
2000	AUG	27	0014	8.07	19	23.75	155	17.01	3.16	24	.10	.5	.6	SF4	2.0X	64	1
2000	AUG	27	0357	56.47	19	18.03	154	59.20	39.01	53	.11	.7	.6	LER	2.4X	206	13
2000	AUG	27	0639	19.59	19	19.58	155	13.37	10.32	29	.12	.5	.7	SF2	1.5X	130	6
2000	AUG	27	0806	57.64	19	23.12	155	14.85	3.05	22	.09	.3	.3	SEC	1.4X	109	2
2000	AUG	28	0057	21.60	19	23.51	155	14.62	3.47	34	.14	.3	.4	SEC	1.8X	81	2
2000	AUG	28	0056	82.91	19	23.30	155	14.84	2.40	12	.07	.3	.6	SEC	2.3X	102	2
2000	AUG	28	0409	15.42	19	21.69	156	25.91	42.95	16	.08	2.8	4.0	DIS	1.6X	326	60
2000	AUG	28	1310	52.34	19	23.46	155	17.25	3.08	17	.10	.3	.3	SSC	1.5X	77	1
2000	AUG	28	2145	47.07	19	27.00	155	26.21	9.06	41	.10	.3	.9	KAO	1.8X	59	7
2000	AUG	29	1046	12.47	19	12.20	155	32.88	7.01	31	.15	.4	1.2	LWS	1.8X	138	7
2000	AUG	29	1615	6.76	19	13.29	155	35.93	10.33	32	.12	.6	1.3	LWS	1.5X	131	11
2000	AUG	29	1621	54.14	19	18.93	154	58.09	39.08	27	.12	2.1	1.2	LER	1.5X	311	19
2000	AUG	29	1721	0.19	19	19.55	155	9.63	7.06	32	.09	.4	.7	SF3	1.3X	96	5
2000	AUG	29	1808	0.91	19	19.61	155	13.20	5.06	21	.09	.6	1.8	SF2	1.0X	199	6
2000	AUG	29	2127	10.46	19	20.34	155	7.95	8.62	38	.13	.5	.5	SF4	1.7X	120	5
2000	AUG	30	0237	16.35	19	25.52	155	19.32	5.89	27	.13	.4	.9	KAO	1.2X	79	3
2000	AUG	30	1013	57.21	19	19.74	155	8.69	7.09	39	.12	.4	.7	SF4	2.0X	103	5
2000	AUG	30	1151	23.98	19	18.96	155	12.19	1.56	20	.10	.4	1.3	SSF	1.0X	127	7
2000	AUG	30	1553	4.72	19	18.21	155	48.02	11.60	11	.10	.9	1.0	KON	1.3X	142	9
2000	AUG	30	1702	42.81	19	16.91	155	29.25	11.31	18	.09	.4	1.2	LWS	1.3X	58	4
2000	AUG	30	1936	16.83	19	19.62	155	8.24	7.69	36	.09	.4	.5	SF4	1.9X	115	4
2000	AUG	30	2103	15.78	20	0.48	155	20.85	2.78	18	.13	1.8	1.0	KEA	1.5X	242	28
2000	AUG	30	2144	8.34	19	19.41	155	8.40	7.60	22	.11	.6	.9	SF4	1.4X	110	4
2000	AUG	31	0922	17.25	19	33.47	155	21.71	10.51	18	.13	.8	.9	MLO	1.5X	177	7
2000	AUG	31	1128	52.82	19	12.61	155	28.07	2.66	24	.18	.4	.9	LWS	1.2X	111	6
2000	AUG	31	1252	16.66	19	18.68	154	59.86	35.09	27	.11	1.5	1.2	LER	1.5X	234	12

ORIGIN TIME (HST)										ORIGIN TIME (HST)																															
YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LONG W	DEG	MIN	SEC	DEPTH N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LONG W	DEG	MIN	SEC	DEPTH N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
2000	SEP	8	1311	12.26	19	28.96	155	16.48	30.80	31	.10	.6	.8	DEP	1.6X	160	2				2000	SEP	15	1346	27.65	19	15.69	155	23.21	6.03	29	.13	.3	1.0	SWR	1.4X	143	3			
2000	SEP	8	1346	39.97	19	9.42	155	38.22	7.45	29	.13	.3	2.6	LSW	1.5X	100	14				2000	SEP	15	2031	56.43	19	19.47	155	13.72	8.85	40	.14	.5	.7	SF2	1.8X	123	6			
2000	SEP	8	1358	1.94	19	23.82	155	18.07	11.27	9	.07	1.1	1.7	INT L	2.0X	151	3				2000	SEP	15	2033	8.02	19	42.63	156	41.75	43.28	29	.17	1.5	3.7	DIS	2.3X	253	109			
2000	SEP	8	1634	44.86	19	20.59	155	10.55	10.19	35	.09	.4	.6	SF3	1.5X	102	3				2000	SEP	15	2112	24.04	19	20.33	155	7.25	8.71	31	.09	.4	.5	SF4	1.3X	134	6			
2000	SEP	8	2054	30.47	20	0.38	155	50.42	27.14	30	.09	.9	1.1	KOH	2.2X	136	15				2000	SEP	15	2324	8.16	19	19.38	155	48.45	8.03	39	.14	.5	.6	KON	2.2X	177	9			
2000	SEP	8	2103	25.10	19	16.78	155	22.77	12.29	23	.12	.5	.9	SWR	1.2X	133	5				2000	SEP	16	1750	5.98	19	33.75	156	23.07	5.79	24	.11	1.0	1.4	DIS	1.7X	236	59			
2000	SEP	9	0230	13.89	19	30.17	155	25.93	7.52	24	.14	.4	1.2	MLO	1.2X	131	5				2000	SEP	17	0418	16.96	19	25.54	155	16.39	8.45	13	.12	1.0	.7	INT L	2.2X	139	2			
2000	SEP	9	0352	17.12	19	15.66	155	9.10	34.52	38	.13	.8	.8	DEP	2.2X	201	4				2000	SEP	17	0608	39.05	19	35.51	156	28.01	3.27	27	.12	1.5	1.3	DIS	1.9X	235	59			
2000	SEP	9	0756	4.58	19	24.76	155	17.38	13.94	11	.04	1.6	1.6	DEP L	1.9X	153	1				2000	SEP	17	2055	49.23	19	20.40	155	30.30	14.17	22	.12	.6	1.3	DML	1.7X	142	10			
2000	SEP	9	1130	0.53	19	18.92	155	28.50	12.40	45	.11	.3	.6	LSW	1.9X	53	7				2000	SEP	18	0204	24.16	18	56.62	155	24.75	33.10	31	.11	1.0	1.3	LOI	1.8X	249	24			
2000	SEP	9	1612	24.17	19	22.45	155	30.07	13.47	27	.10	.4	.8	DML	1.5X	83	7				2000	SEP	18	0328	21.65	19	25.92	155	20.28	1.79	19	.10	.4	.5	KAO	1.3X	114	3			
2000	SEP	9	1853	0.71	19	22.85	155	30.55	12.78	46	.10	.3	.6	KAO	1.6X	50	5				2000	SEP	18	0402	15.57	19	26.55	155	19.41	3.08	17	.11	.4	.5	KAO	1.7X	107	3			
2000	SEP	10	0255	28.91	20	5.39	155	5.08	88.29	12	.11	3.8	2.3	KEA	2.2X	289	52				2000	SEP	18	0434	2.61	19	16.44	155	18.43	31.76	43	.12	.6	.9	DEP	2.1X	146	3			
2000	SEP	10	0328	18.36	19	25.61	155	16.97	10.70	8	.05	1.6	1.8	INT L	2.0X	103	1				2000	SEP	18	0832	23.88	19	20.06	155	8.94	6.81	34	.11	.4	.7	SF4	1.8X	100	4			
2000	SEP	10	1152	24.66	19	20.25	155	10.91	8.62	31	.08	.4	.5	SF3	2.2X	118	4				2000	SEP	18	1851	44.71	19	26.03	155	17.72	8.67	12	.08	1.2	.9	INT L	1.7X	166	1			
2000	SEP	10	1206	44.21	19	19.87	155	11.10	8.47	39	.11	.4	.5	SF3	2.0X	107	5				2000	SEP	19	0224	17.12	19	25.64	155	20.06	7.29	22	.10	.4	1.0	KAO	1.7X	73	4			
2000	SEP	10	1243	26.64	19	14.48	155	36.68	14.52	31	.12	.6	.3	DML	1.5X	240	6				2000	SEP	19	1601	19.11	19	18.86	155	13.09	6.68	28	.11	.5	1.1	SF2	1.2X	140	7			
2000	SEP	10	1259	23.57	19	20.04	155	11.05	8.42	28	.11	.5	.7	SF3	1.6X	122	4				2000	SEP	20	0009	59.58	19	22.24	155	2.54	8.99	38	.13	.6	.4	SF5	1.8X	172	9			
2000	SEP	10	1332	21.52	19	19.91	155	11.20	8.17	27	.09	.5	.8	SF3	1.4X	126	5				2000	SEP	20	0426	21.40	19	22.66	155	14.50	3.38	19	.08	.3	.3	SEC	1.5X	123	2			
2000	SEP	10	1339	42.89	19	21.21	155	10.76	8.53	38	.13	.5	.5	SF3	1.9X	90	2				2000	SEP	20	0623	14.20	19	22.63	155	17.59	3.62	17	.06	.3	.4	SSC	1.1X	94	2			
2000	SEP	10	1409	53.99	19	20.81	155	18.04	32.40	38	.13	.8	.9	DEP	1.9X	83	5				2000	SEP	20	0858	47.19	19	24.71	155	17.58	10.01	16	.10	.7	1.1	INT L	2.0X	77	1			
2000	SEP	11	0111	54.22	19	25.84	155	36.68	14.52	31	.12	.6	.3	DML	1.4X	154	3				2000	SEP	20	2330	0.25	19	20.14	155	8.12	9.62	36	.10	.4	.3	SF4	1.9X	116	5			
2000	SEP	11	0403	12.43	19	20.49	155	13.09	7.72	27	.08	.3	.6	SF2	1.3X	123	4				2000	SEP	21	0949	14.03	19	25.87	155	18.55	11.07	7	.06	2.6	1.6	INT L	1.8X	258	2			
2000	SEP	11	0833	16.91	19	40.76	156	22.78	2.44	18	.13	1.4	.8	DIS	1.7X	229	57				2000	SEP	21	0949	47.75	19	22.29	155	18.68	9.36	8	.07	2.5	1.4	INT L	1.7X	291	5			
2000	SEP	11	1146	13.22	19	11.35	155	48.86	36.28	44	.09	.7	.9	KON	1.9X	247	6				2000	SEP	21	1115	31.71	19	20.10	155	11.93	10.01	45	.13	.4	.5	SF3	1.6X	119	5			
2000	SEP	11	1517	27.45	19	23.13	155	17.40	2.60	23	.11	.3	.2	SSC	1.6X	70	1				2000	SEP	22	0342	16.44	19	46.82	156	1.93	6.77	29	.12	.9	.7	HUA	2.0X	283	23			
2000	SEP	11	2258	42.40	19	18.10	155	30.11	0.01	34	.20	.4	.2	LSW	1.4X	74	9				2000	SEP	22	1214	45.50	19	19.59	155	8.80	9.56	43	.11	.5	.5	SF4	1.9X	101	4			
2000	SEP	12	0810	49.71	19	19.61	155	9.07	5.47	35	.09	.4	.9	SF4	1.6X	106	5				2000	SEP	22	1223	41.19	19	20.47	155	1.52	32.96	43	.11	.8	.7	DEP	1.8X	214	10			
2000	SEP	12	1415	7.48	19	21.59	155	26.09	12.38	30	.12	.4	.8	KAO	1.6X	73	6				2000	SEP	22	2037	52.46	19	14.99	155	55.33	13.84	22	.11	1.3	.4	KON	1.4X	233	6			
2000	SEP	12	1725	37.68	19	18.55	155	30.29	10.82	45	.12	.3	.9	LSW	2.0X	40	13				2000	SEP	23	1323	23.63	19	22.31	155	29.84	6.07	34	.11	.3	1.7	KAO	1.4X	44	12			
2000	SEP	13	0647	26.57	19	20.14	155	26.71	11.46	23	.13	.5	1.0	KAO	1.2X	84	6				2000	SEP	24	1239	46.51	19	24.49	155	16.60	14.65	27	.09	.7	.5	DEP L	2.3X	85	1			
2000	SEP	13	0704	12.69	19	25.01	155	16.85	10.14	15	.13	.9	1.4	INT L	2.1X	94	0				2000	SEP	24	1726	53.31	19	24.12	155	15.53	0.03	15	.10	.2	.4	SEC L	1.3X	109	2			
2000	SEP	13	1252	14.09	19	10.42	155	35.59	0.03	24	.14	.5	.3	LSW	1.5X	103	14				2000	SEP	24	1946	22.75	19	17.00	155	28.25	6.30	16	.11	.6	2.4	LSW	1.1X	69	9			
2000	SEP	13	1343	33.64	19	59.89	155	50.29	25.17	30	.08	.7	.9	KOH	2.1X	144	16				2000	SEP	24	2209	9.63	19	23.59	155	16.78	3.11	28	.11	.3	.2	SSC	1.9X	53	0			
2000	SEP	13	1438	43.73	19	57.74	155	31.22	39.94	25	.09	1.4	1.5	KEA	2.0X	268	40				2000	SEP	24	2221	51.16	19	24.19	155	15.51	3.59	15	.12	.4	.6	SEC	1.3X	83	2			
2000	SEP	13	2331	3.02	19	24.57	155	16.30	8.36	10	.07	1.6	1.1	INT L	1.7X	137	1				2000	SEP	24	2304	53.47	19	23.45	155	16.71	3.16	41	.11	.3	.2	SSC	2.0X	56	0			
2000	SEP	14	0719	29.42	19	11.54	155	30.57	6.59	36	.15	.5	.9	LSW	2.0X	133	6				2000	SEP	25	0333	45.60	19	19.80	155	11.21	7.71	21	.13	.6	.8	SF3	1.2X	118	5			
2000	SEP	14	0753	13.03	19	19.99	155	10.96	9.49	37	.10	.4	.5	SF3	1.6X	114	4				2000	SEP	25	0948	13.03	19	25.05	155	15.97	11.82	24	.12	.9	.7	INT L	2.4X	157	2			

ORIGIN TIME (HST)				LAT N				LON W				DEPTH N				RMS ERH ERZ LOC				PREF AZ MIN		
YEAR	MON	DA	HRMN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS
2000	SEP	26	2032	33.07	19	30.09	155	26.98	8.47	40	12	3	.6	MLO						2.2X	80	4
2000	SEP	26	2245	17.12	19	23.99	155	15.50	3.42	18	12	4	.4	SEC					1.8X	74	2	
2000	SEP	27	0021	16.45	19	26.53	155	28.91	12.72	34	10	4	.8	KAO					2.1X	69	8	
2000	SEP	27	0127	36.55	19	9.44	155	14.62	46.59	22	11	1.6	1.0	LOI					1.5X	264	17	
2000	SEP	27	0158	59.78	19	24.94	155	16.87	11.31	12	07	.9	1.1	INT	L				2.0X	93	6	
2000	SEP	27	0552	2.53	19	23.09	155	3.99	8.21	44	11	.6	3	SF5					2.0X	147	6	
2000	SEP	27	0630	26.10	20	3.85	155	52.79	26.98	32	09	1.2	2.4	KOH					2.2X	294	32	
2000	SEP	27	0831	44.66	19	14.20	156	21.34	38.75	25	10	1.3	3.1	DIS					1.4X	309	51	
2000	SEP	27	1935	31.86	19	29.33	155	27.46	12.06	32	13	4	.7	KAO					1.5X	68	5	
2000	SEP	27	2152	12.25	19	27.14	155	28.27	11.29	31	10	.4	.9	KAO					1.5X	65	9	
2000	SEP	28	0202	22.94	19	22.27	155	2.92	9.75	32	09	.6	.4	SF5					1.7X	169	9	
2000	SEP	28	0345	25.53	19	22.08	155	23.73	11.27	19	09	.4	.8	KAO					1.0X	94	4	
2000	SEP	28	0508	59.47	19	33.50	155	4.90	3.99	39	12	3	1.5	HIL					1.9X	85	17	
2000	SEP	28	1212	41.68	19	24.61	155	17.17	8.14	12	11	1.0	1.2	INT	L				1.3X	79	1	
2000	SEP	28	1221	58.72	19	25.09	155	17.44	11.66	11	06	.9	1.1	INT	L				1.6X	121	1	
2000	SEP	28	1930	0.68	19	24.94	155	38.85	2.86	16	11	.7	.4	MLO					1.0X	188	2	
2000	SEP	28	2032	18.64	20	8.40	156	6.43	39.78	19	10	1.1	2.1	KOH					1.9X	172	34	
2000	SEP	28	2241	9.55	19	20.19	155	13.00	7.17	25	12	.5	.8	SF2					1.0X	128	4	
2000	SEP	29	0256	10.59	19	24.23	155	57.31	46.61	40	10	.6	.8	KON					2.1X	232	10	
2000	SEP	29	0330	14.82	19	19.34	155	13.94	8.52	24	12	.6	.7	SF2					1.3X	144	6	
2000	SEP	30	1934	11.83	19	23.88	155	14.41	29.60	36	11	.7	.8	DEP					1.7X	79	1	
2000	SEP	29	1149	35.03	19	19.39	155	7.15	8.02	30	09	.5	.6	SF4					1.6X	147	4	
2000	SEP	29	1417	25.83	19	23.90	155	25.58	10.52	39	10	3	.7	KAO					1.4X	31	4	
2000	SEP	30	0240	11.21	19	19.72	155	9.61	8.54	28	10	4	.7	SF3					1.3X	111	4	
2000	SEP	30	0934	14.82	19	19.34	155	13.94	8.52	24	12	.6	.7	SF2					1.3X	144	6	
2000	SEP	30	1330	40.43	19	22.78	155	13.91	4.03	20	10	4	.5	SER					1.7X	122	1	
2000	OCT	1	0757	3.24	19	24.48	155	17.04	11.10	12	08	.8	1.3	INT	L				1.8X	80	1	
2000	OCT	1	0828	53.85	19	21.20	155	6.69	7.14	36	11	.5	.6	SF4					1.8X	136	4	
2000	OCT	1	0951	43.88	20	2.08	155	35.91	31.66	35	12	.9	1.4	KOH					1.9X	164	22	
2000	OCT	1	1404	7.30	19	13.71	155	24.34	34.14	24	12	1.0	1.1	DEP					1.2X	168	1	
2000	OCT	1	1622	2.32	19	41.11	155	5.14	6.74	25	09	.5	.9	HIL					1.6X	173	6	
2000	OCT	2	0019	38.98	19	19.37	155	8.78	7.01	32	09	.4	.6	SF4					1.6X	100	4	
2000	OCT	2	0435	37.40	20	2.16	155	31.04	14.66	22	11	1.5	1.0	KEA					1.7X	194	24	
2000	OCT	2	0606	46.94	19	21.17	155	17.72	14.69	29	11	.5	.4	DEP					1.3X	84	4	
2000	OCT	2	0746	13.61	19	19.74	155	13.57	8.96	40	13	.5	.6	SF2					2.3X	220	5	
2000	OCT	2	0747	0.74	19	19.44	155	13.18	8.62	39	12	.4	.7	SF2					1.8X	123	6	
2000	OCT	2	0756	10.19	19	19.01	155	13.30	10.22	30	07	.4	.6	SF2					1.5X	149	7	
2000	OCT	2	1127	32.10	19	24.90	155	16.41	9.65	12	04	.7	.9	INT	L				2.3X	101	1	
2000	OCT	2	1131	22.41	19	24.67	155	15.49	11.22	10	1.0	1.6	1.3	INT	L				2.1X	148	2	
2000	OCT	2	1920	10.15	19	26.88	154	52.35	9.53	34	13	.8	.3	LER					1.7X	175	2	
2000	OCT	3	1132	40.89	19	20.78	155	5.94	9.12	30	10	.6	.5	SF4					1.6X	153	6	
2000	OCT	3	1135	58.32	19	19.63	155	11.83	8.37	33	11	.4	.6	SF3					1.5X	125	6	
2000	OCT	3	1548	47.81	20	38.92	155	49.33	38.83	29	13	1.1	2.0	DIS					2.0X	221	46	
2000	OCT	3	1832	35.27	19	19.31	155	13.13	9.63	36	14	.5	.6	SF2					1.4X	134	6	
2000	OCT	3	2056	41.30	19	11.62	155	9.71	51.54	37	12	1.1	.8	DEP					1.8X	210	11	

ORIGIN TIME (HST)										ORIGIN TIME (HST)											
YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LON W	YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LON W		
DEPTH N RMS ERH ERZ LOC										DEPTH N RMS ERH ERZ LOC											
KM	RD	SEC	KM	RM	REMS	MAG	GAP	DS	PREF	KM	RD	SEC	KM	RM	REMS	MAG	GAP	DS	PREF		
2000	OCT	12	2206	51.46	19	28.54	155	36.07	12.71	2000	OCT	12	2206	51.46	19	28.54	155	36.07	12.71		
5	.09	1.8	3.8	MLO	T			158	1	5	.09	1.8	3.8	MLO	T			158	1		
2000	OCT	13	0239	45.90	19	29.79	155	28.08	6.80	2000	OCT	13	0239	45.90	19	29.79	155	28.08	6.80		
3	1.1	1.1	1.1	KAO				1.8X	61	4	3	1.1	1.1	1.1	KAO				1.8X	61	4
2000	OCT	13	1835	23.76	19	18.91	155	8.13	10.57	2000	OCT	13	1835	23.76	19	18.91	155	8.13	10.57		
3	.7	.5	SP4					3.9X	168	3	3	.7	.5	SP4					3.9X	168	3
2000	OCT	13	2153	42.28	20	17.84	155	26.14	38.81	2000	OCT	13	2153	42.28	20	17.84	155	26.14	38.81		
4	1.5	KEA	F					3.9X	205	4	4	1.5	KEA	F					3.9X	205	4
2000	OCT	13	2217	36.02	19	11.20	155	40.61	8.25	2000	OCT	13	2217	36.02	19	11.20	155	40.61	8.25		
3	.2	.4	.8	LSW				1.6X	79	9	3	.2	.4	.8	LSW				1.6X	79	9
2000	OCT	14	0101	16.50	19	20.46	155	19.27	1.95	2000	OCT	14	0101	16.50	19	20.46	155	19.27	1.95		
5	1.0	SWR						1.5X	97	5	5	1.0	SWR						1.5X	97	5
2000	OCT	14	1541	40.20	19	23.28	155	25.88	12.70	2000	OCT	14	1541	40.20	19	23.28	155	25.88	12.70		
3	.4	.7	KAO					1.3X	77	3	3	.4	.7	KAO					1.3X	77	3
2000	OCT	14	2310	13.65	19	12.14	155	29.66	3.15	2000	OCT	14	2310	13.65	19	12.14	155	29.66	3.15		
4	1.1	LSW						1.8X	80	5	4	1.1	LSW						1.8X	80	5
2000	OCT	15	1814	25.33	19	19.59	155	7.61	7.84	2000	OCT	15	1814	25.33	19	19.59	155	7.61	7.84		
4	.5	.6	SP4					1.4X	176	4	4	.5	.6	SP4					1.4X	176	4
2000	OCT	15	1950	36.99	19	27.49	155	24.27	10.67	2000	OCT	15	1950	36.99	19	27.49	155	24.27	10.67		
5	.4	.8	KAO					1.6X	66	5	5	.4	.8	KAO					1.6X	66	5
2000	OCT	16	0001	6.85	19	16.93	155	26.84	10.50	2000	OCT	16	0001	6.85	19	16.93	155	26.84	10.50		
7	1.0	LSW						1.0X	113	7	7	1.0	LSW						1.0X	113	7
2000	OCT	16	1340	35.73	19	24.89	155	17.41	10.37	2000	OCT	16	1340	35.73	19	24.89	155	17.41	10.37		
2	1.1	1.1	INT	L				2.3X	274	21	2	1.1	1.1	INT	L				2.3X	274	21
2000	OCT	17	0347	54.29	19	26.68	155	30.53	11.78	2000	OCT	17	0347	54.29	19	26.68	155	30.53	11.78		
3	.6	KAO						1.5X	67	5	3	.6	KAO						1.5X	67	5
2000	OCT	17	1821	4.03	19	13.41	155	27.98	0.02	2000	OCT	17	1821	4.03	19	13.41	155	27.98	0.02		
3	.2	.2	LSW	#				1.7X	100	7	3	.2	.2	LSW	#				1.7X	100	7
2000	OCT	17	1944	0.51	19	20.62	155	10.56	8.10	2000	OCT	17	1944	0.51	19	20.62	155	10.56	8.10		
5	.8	SP3						1.5X	109	3	5	.8	SP3						1.5X	109	3
2000	OCT	17	2121	52.16	19	24.57	155	3.12	1.12	2000	OCT	17	2121	52.16	19	24.57	155	3.12	1.12		
8	1.0	1.6	.8	SME				1.7X	164	8	8	1.0	1.6	.8	SME				1.7X	164	8
2000	OCT	18	0703	53.27	19	30.47	155	56.79	12.44	2000	OCT	18	0703	53.27	19	30.47	155	56.79	12.44		
4	.6	.3	KON					2.2X	226	4	4	.6	.3	KON					2.2X	226	4
2000	OCT	19	0756	9.01	19	30.47	155	56.79	12.44	2000	OCT	19	0756	9.01	19	30.47	155	56.79	12.44		
4	.6	.3	KON					2.2X	226	4	4	.6	.3	KON					2.2X	226	4
2000	OCT	19	1133	49.26	19	37.95	156	31.04	34.51	2000	OCT	19	1133	49.26	19	37.95	156	31.04	34.51		
6	1.1	1.5	3.2	DIS				1.9X	313	6	6	1.1	1.5	3.2	DIS				1.9X	313	6
2000	OCT	19	1420	48.47	19	19.25	155	11.94	2.47	2000	OCT	19	1420	48.47	19	19.25	155	11.94	2.47		
3	.4	.9	SSF					1.2X	131	6	3	.4	.9	SSF					1.2X	131	6
2000	OCT	19	1518	17.18	19	19.23	155	13.04	8.39	2000	OCT	19	1518	17.18	19	19.23	155	13.04	8.39		
6	.5	.8	SP2					1.7X	125	6	6	.5	.8	SP2					1.7X	125	6
2000	OCT	19	1658	24.33	19	18.56	155	12.73	6.42	2000	OCT	19	1658	24.33	19	18.56	155	12.73	6.42		
8	1.3	1.4	SP2					1.3X	145	7	8	1.3	1.4	SP2					1.3X	145	7
2000	OCT	20	0609	35.43	19	19.08	155	12.87	7.52	2000	OCT	20	0609	35.43	19	19.08	155	12.87	7.52		
7	.5	.9	SP2					1.4X	127	7	7	.5	.9	SP2					1.4X	127	7
2000	OCT	20	1059	19.04	19	27.32	155	27.56	10.98	2000	OCT	20	1059	19.04	19	27.32	155	27.56	10.98		
9	.4	.8	KAO					1.7X	45	9	9	.4	.8	KAO					1.7X	45	9
2000	OCT	20	1208	59.05	19	25.46	155	36.75	15.06	2000	OCT	20	1208	59.05	19	25.46	155	36.75	15.06		
7	1.4	.6	1.0	DML				1.4X	152	7	7	1.4	.6	1.0	DML				1.4X	152	7
2000	OCT	20	1218	45.62	19	22.06	155	4.80	6.36	2000	OCT	20	1218	45.62	19	22.06	155	4.80	6.36		
6	.5	.8	SP5					1.6X	152	6	6	.5	.8	SP5					1.6X	152	6
2000	OCT	20	1427	0.91	19	19.53	155	8.63	7.73	2000	OCT	20	1427	0.91	19	19.53	155	8.63	7.73		
4	.6	.6	SP4					1.5X	147	4	4	.6	.6	SP4					1.5X	147	4
2000	OCT	20	1520	38.23	19	19.72	155	12.02	6.98	2000	OCT	20	1520	38.23	19	19.72	155	12.02	6.98		
6	1.0	.4	.7	SP3				1.7X	124	6	6	1.0	.4	.7	SP3				1.7X	124	6
2000	OCT	20	2320	54.18	19	17.48	155	12.95	7.41	2000	OCT	20	2320	54.18	19	17.48	155	12.95	7.41		
9	.6	1.1	SP2					1.3X	185	9	9	.6	1.1	SP2					1.3X	185	9
2000	OCT	21	0709	30.90	19	19.22	155	13.37	9.47	2000	OCT	21	0709	30.90	19	19.22	155	13.37	9.47		
6	.4	.5	SP2					1.9X	126	6	6	.4	.5	SP2					1.9X	126	6
2000	OCT	21	0723	25.81	19	26.14	155	16.23	9.89	2000	OCT	21	0723	25.81	19	26.14	155	16.23	9.89		
3	1.0	1.2	INT	L				2.1X	142	3	3	1.0	1.2	INT	L				2.1X	142	3
2000	OCT	21	0729	24.33	19	19.34	155	13.16	9.31	2000	OCT	21	0729	24.33	19	19.34	155	13.16	9.31		
6	.4	.6	SP2					2.1X	124	6	6	.4	.6	SP2					2.1X	124	6
2000	OCT	21	0741	8.17	19	18.74	155	46.87	1.08	2000	OCT	21	0741	8.17	19	18.74	155	46.87	1.08		
11	.5	.5	KON					2.1X	110	11	11	.5	.5	KON					2.1X	110	11
2000	OCT	21	1331	5.50	19	18.69	155	13.13	8.89	2000	OCT	21	1331	5.50	19	18.69	155	13.13	8.89		
5	.6	.6	SP2					1.5X	158	7	5	.6	.6	SP2					1.5X	158	7
2000	OCT	21	1346	17.35	19	16.74	155	28.02	9.70	2000	OCT	21	1346	17.35	19	16.74	155	28.02	9.70		
8	.6	1.0	LSW					1.1X	171	8	8	.6	1.0	LSW					1.1X	171	8
2000	OCT	21	1425	26.67	19	21.35	155	4.94	8.40	2000	OCT	21	1425	26.67	19	21.35	155	4.94	8.40		
6	.5	.4	SP5	F				3.2X	152	6	6	.5	.4	SP5	F				3.2X	152	6
2000	OCT	21	1848	36.31	19	25.00	155	29.95	13.59	2000	OCT	21	1848	36.31	19	25.00	155	29.95	13.59		
7	.4	.8	DML					1.3X	52	5	7	.4	.8	DML					1.3X	52	5
2000	OCT	22	0052	30.06	19	16.82	155	14.69	9.35	2000	OCT	22	0052	30.06	19	16.82	155	14.69	9.35		
12	.5	.7	SP1					1.													

ORIGIN TIME (HST)		LAT N	LON W	DEPTH N	RMS ERH	ERZ	LOC	PREF	AZ	MIN								
YEAR	MON	DA	HR	MIN	SEC	DEG	MIN	KM	RD	SEC	KM	RM	KM	REMK	MAG	GAP	DS	
2000	NOV	2	0047	37.65	19	15.43	155	29.64	9.33	23	17	4	1.1	LSW	1.4X	69	1	
2000	NOV	2	0528	57.83	19	18.86	155	7.43	8.21	26	09	9	5	SF4	2.0X	225	7	
2000	NOV	2	1937	34.21	19	25.07	155	17.36	8.68	10	12	1.9	1.4	INT L	2.3X	237	1	
2000	NOV	3	1058	47.02	19	11.07	155	28.02	34.58	49	10	5	6	DLS	2.8X	223	8	
2000	NOV	3	2240	0.60	19	19.25	155	12.89	10.07	21	11	7	7	SF2	1.6X	196	6	
2000	NOV	4	0335	41.82	19	34.83	155	11.09	6.73	25	10	4	2.2	GIN	1.5X	128	16	
2000	NOV	4	0538	58.88	19	48.54	156	29.62	1.09	20	13	1.9	4	DLS	1.8X	230	70	
2000	NOV	4	1701	3.88	19	24.73	155	17.39	10.81	9	06	1.3	1.4	INT L	1.7X	132	1	
2000	NOV	4	1742	34.12	19	20.88	155	11.80	9.41	24	10	1.2	7	SF3	1.3X	214	4	
2000	NOV	5	0409	45.58	19	12.41	155	41.42	0.01	33	15	4	2	LSW	#	1.5X	90	9
2000	NOV	5	0800	26.86	19	27.25	155	29.04	13.37	31	11	4	9	DML	1.6X	79	8	
2000	NOV	5	1255	33.60	19	25.57	155	28.33	12.39	28	10	3	8	KAO	1.3X	67	8	
2000	NOV	5	1451	47.22	19	17.41	155	12.43	9.49	27	13	9	6	SF2	1.7X	242	10	
2000	NOV	6	0612	5.65	19	23.61	155	17.50	8.89	8	08	2.1	1.6	INT L	2.2X	191	2	
2000	NOV	6	2156	13.70	19	23.48	155	15.02	1.84	16	07	2	4	SEC	1.5X	103	3	
2000	NOV	7	0128	55.63	19	24.02	155	16.18	18.53	38	13	6	7	DEP	1.6X	55	1	
2000	NOV	7	0603	20.53	19	20.01	155	14.34	9.96	34	13	4	5	SF2	1.4X	169	5	
2000	NOV	8	0022	9.23	19	46.97	154	55.76	41.22	41	10	9	1.0	HIL	2.3X	237	14	
2000	NOV	8	0059	0.74	19	18.59	155	7.23	6.95	25	10	6	9	SF4	1.5X	225	8	
2000	NOV	8	0802	16.87	19	26.16	155	15.84	1.07	15	07	2	4	SNC	1.4X	161	3	
2000	NOV	8	1716	59.79	19	18.95	155	12.47	10.34	23	13	6	9	SF2	1.3X	184	7	
2000	NOV	8	2224	25.41	19	15.09	155	12.12	11.77	24	13	9	5	SF3	1.3X	240	13	
2000	NOV	8	2247	9.93	19	17.68	155	13.16	10.29	23	14	1.0	1.1	SF2	2.0X	111	9	
2000	NOV	9	0135	31.16	19	18.46	155	12.48	10.02	30	12	8	5	SF2	2.0X	188	8	
2000	NOV	9	0136	36.65	19	18.52	155	12.60	9.79	24	13	8	7	SF2	1.7X	186	8	
2000	NOV	9	0222	38.54	19	17.03	155	12.36	9.39	26	11	9	6	SF2	1.4X	245	10	
2000	NOV	9	0241	15.38	19	18.66	155	12.49	9.97	25	12	8	8	SF2	1.5X	186	7	
2000	NOV	9	0418	21.84	19	16.39	155	33.78	7.86	31	20	4	1.1	LSW	1.7X	89	6	
2000	NOV	9	0656	29.78	19	3.76	155	22.39	41.81	26	11	1.1	1.5	LOI	1.7X	208	20	
2000	NOV	9	0729	41.73	19	18.96	155	12.87	10.13	26	11	8	7	SF2	1.8X	182	7	
2000	NOV	9	0852	55.51	19	20.14	155	11.36	6.74	18	11	7	1.1	SF3	1.5X	223	4	
2000	NOV	9	1032	51.23	19	17.63	155	13.20	10.24	22	11	8	1.0	SF2	1.2X	211	9	
2000	NOV	9	1053	3.70	19	17.63	155	12.90	10.97	19	08	1.1	7	SF2	1.4X	212	9	
2000	NOV	9	1546	13.62	19	19.15	155	10.32	5.93	23	09	7	1.4	SF3	1.5X	244	5	
2000	NOV	9	2102	23.71	19	36.00	155	19.52	12.74	28	11	5	9	KEA	1.5X	141	13	
2000	NOV	9	2234	31.75	19	18.45	155	12.05	10.18	24	13	7	5	SF3	1.4X	211	8	
2000	NOV	9	2345	48.56	19	9.62	155	11.31	7.20	28	13	8	1.6	LOI	1.7X	256	23	
2000	NOV	10	0037	14.39	19	24.67	155	15.95	5.34	9	11	1.1	1.7	INT L	1.5X	154	2	
2000	NOV	10	0956	18.23	19	27.47	155	36.77	9.99	12	15	1.0	9	MLO	1.5X	171	1	
2000	NOV	10	1805	0.30	19	30.50	155	53.08	11.12	18	14	7	6	KON	1.9X	135	4	
2000	NOV	11	0033	4.14	19	18.74	155	11.77	10.18	21	10	7	6	SF3	1.9X	188	7	
2000	NOV	11	0410	29.92	19	19.25	155	15.51	10.34	31	13	5	7	SF1	2.0X	160	6	
2000	NOV	11	1847	36.49	19	19.72	155	9.02	7.90	21	08	1.3	6	SF4	1.6X	222	5	
2000	NOV	11	2248	52.64	19	18.20	155	12.99	9.04	24	12	8	9	SF2	1.6X	189	8	
2000	NOV	11	2249	33.32	19	14.11	155	10.49	0.02	18	14	2.9	9	SSF	#	1.5X	269	15
2000	NOV	12	0619	44.93	20	23.86	154	25.52	7.12	19	20	11.4	14.6	DLS	-	2.1X	332	100
2000	NOV	12	0810	30.58	19	19.81	155	8.36	8.84	38	09	6	4	SF4	2.6X	177	5	
2000	NOV	12	1859	6.44	19	25.63	155	29.64	12.76	40	11	3	5	KAO	1.9X	70	6	
2000	NOV	12	1952	52.77	19	19.70	155	14.99	10.47	30	11	6	6	SF1	1.6X	174	5	
2000	NOV	13	0119	30.75	19	28.33	155	36.43	12.70	15	09	6	7	MLO	1.4X	108	2	
2000	NOV	13	0509	16.95	19	23.15	155	18.54	7.98	8	05	2.1	1.2	INT L	1.8X	275	4	
2000	NOV	13	0648	18.62	19	24.96	155	19.76	7.48	36	12	5	6	KAO	2.6X	77	4	
2000	NOV	13	0747	38.99	19	58.36	155	33.07	15.74	28	11	9	1.4	KEA	1.8X	166	23	
2000	NOV	13	1312	28.12	19	19.63	155	8.82	7.91	27	09	7	6	SF4	1.5X	190	5	
2000	NOV	13	1910	19.77	19	25.39	155	30.50	13.39	32	12	4	6	DML	1.8X	73	4	
2000	NOV	13	2313	3.82	19	4.16	155	31.08	48.69	25	13	1.2	1.2	DLS	1.8X	190	18	
2000	NOV	14	0019	33.43	19	20.77	155	15.96	1.68	39	12	3	4	KAO	2.9X	150	3	
2000	NOV	14	0357	7.19	19	21.12	155	15.57	1.56	26	12	3	4	KAO	2.0X	157	2	
2000	NOV	14	0540	20.16	19	10.51	155	41.82	10.73	30	18	6	7	LSW	1.8X	94	8	
2000	NOV	14	2152	55.23	19	12.42	155	28.59	37.26	8	05	5.1	9.6	DLS T-		284	26	
2000	NOV	15	0703	31.39	19	19.09	155	8.62	8.42	39	11	7	4	SF4	2.4X	179	6	
2000	NOV	15	1448	39.60	19	26.73	155	18.33	5.86	18	07	5	6	INT	1.6X	102	3	
2000	NOV	15	1945	43.19	19	20.53	155	16.71	0.46	13	10	4	4	KAO	1.9X	260	4	
2000	NOV	15	2105	19.30	19	26.09	155	16.37	11.07	9	09	3.7	1.4	INT L	2.1X	186	2	
2000	NOV	15	2228	18.75	19	19.82	155	30.46	13.00	32	10	3	8	DML	1.5X	102	10	
2000	NOV	16	0951	51.20	19	18.11	155	13.30	9.85	25	11	1.0	8	SF2	1.5X	210	8	
2000	NOV	16	1143	8.11	19	24.25	155	22.55	12.48	28	08	5	6	KAO	1.7X	59	7	
2000	NOV	16	1733	11.12	19	20.48	155	10.86	5.85	20	10	1.2	1.0	SF3	1.3X	226	3	
2000	NOV	16	1736	1.21	19	19.27	155	10.74	8.34	18	09	1.4	1.1	SF3	1.5X	213	5	
2000	NOV	16	1858	40.74	21	5.85	156	8.12	12.87	44	10	2.2	3.3	DLS F	3.9X	288	45	
2000	NOV	16	2045	22.51	19	20.06	155	12.10	12.05	25	12	8	5	SF3	1.7X	176	5	
2000	NOV	16	2047	2.01	19	19.34	155	12.37	10.50	24	11	1.3	5	SF2	1.5X	221	6	
2000	NOV	17	0232	11.15	19	18.08	155	8.24	6.30	24	11	7	1.1	SF4	1.6X	239	8	
2000	NOV	17	0305	4.42	19	26.23	155	15.91	1.04	18	11	3	5	SNC	2.1X	161	3	
2000	NOV	17	1044	12.16	19	20.15	155	15.95	0.01	27	12	3	3	SSF	#	2.0X	200	3
2000	NOV	17	1250	43.85	19	29.19	155	36.03	2.35	10	09	6	3	MLO L	1.6X	189	0	
2000	NOV	17	1641	18.38	19	24.09	155	15.72	3.26	17	08	3	5	SEC	1.7X	78	2	
2000	NOV	17	1722	3.95	19	20.23	155	5.71	5.94	23	10	9	1.4	SF4	1.5X	199	7	
2000	NOV	17	2120	31.37	19	32.74	155	16.68	24.30	40	10	4	9	DEP	1.8X	66	9	
2000	NOV	17	2253	57.49	19	13.88	155	33.01	6.56	20	16	6	1.4	LSW	1.5X	118	6	
2000	NOV	18	0611	16.26	19	26.29	155	15.79	0.92	13	08	2	5	SNC	1.6X	168	3	
2000	NOV	18	1145	25.05	19	19.81	155	9.89	8.17	22	10	1.0	7	SF3	1.4X	185	4	

ORIGIN TIME (HST)				LAT N				LON W				DEPTH N RMS ERH ERZ LOC				PREF AZ MIN						
YEAR	MON	DA	HRMN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	KM	RD	SEC	KM	RM	REMK	MAG	GAP	DS
2000	NOV	19	0915	33.72	20	1.00	156	3.50	40.40	22.12	.9	2.1	KOH	2.0X	172	32						
2000	NOV	19	1309	25.36	19	25.77	155	23.73	10.90	42.11	.3	.6	KAO	2.4X	49	6						
2000	NOV	19	1343	40.44	19	21.47	155	15.93	1.47	26.09	.2	.2	KOA	1.8X	142	2						
2000	NOV	20	0119	40.22	19	55.24	155	15.65	39.70	19.12	1.3	1.6	KEA	1.9X	245	9						
2000	NOV	20	0317	1.14	19	10.84	155	27.93	36.54	23.11	.9	1.1	DLS	1.4X	215	9						
2000	NOV	20	0755	21.52	19	20.06	155	7.57	7.39	29.08	.9	.5	SF4	1.9X	213	5						
2000	NOV	20	1015	36.28	19	28.76	155	18.71	8.15	43.14	.4	.6	GLN	1.9X	54	4						
2000	NOV	20	1350	10.09	19	23.30	155	16.96	2.74	31.12	.3	.2	SSC	2.0X	56	0						
2000	NOV	21	0025	52.42	19	20.92	155	13.06	7.28	29.11	.8	.4	SF2	1.6X	178	3						
2000	NOV	21	0207	8.45	19	23.40	155	46.38	13.01	16.08	.6	.9	KON	1.4X	131	12						
2000	NOV	21	0301	18.46	19	19.76	155	8.11	7.36	28.10	1.0	.5	SF4	1.3X	196	5						
2000	NOV	21	0638	30.36	19	16.95	155	29.29	10.85	36.13	.4	.7	LSW	2.3X	86	4						
2000	NOV	21	1019	41.87	19	22.74	155	26.47	7.99	32.13	.4	1.8	KAO	1.3X	57	13						
2000	NOV	21	1709	23.79	19	19.86	155	13.30	9.16	31.12	.5	.6	SF2	1.6X	173	5						
2000	NOV	21	1817	49.77	19	48.65	155	3.62	43.25	38.12	.8	1.1	KEA	1.9X	210	12						
2000	NOV	22	0047	34.87	19	56.00	155	23.07	30.02	26.10	1.2	1.0	KEA	1.5X	243	6						
2000	NOV	22	1230	57.82	19	19.53	155	8.36	7.73	34.10	.9	.6	SF4	2.1X	216	5						
2000	NOV	22	1908	51.54	19	19.92	155	13.16	10.36	32.11	.6	.4	SF2	2.1X	162	5						
2000	NOV	22	2036	19.96	19	19.67	155	13.00	10.92	31.12	.6	.4	SF2	1.9X	176	5						
2000	NOV	22	2357	27.33	19	20.45	155	12.75	7.47	16.11	1.4	.9	SF2	1.1X	214	4						
2000	NOV	23	0621	46.11	19	47.85	155	24.40	26.37	20.09	.7	1.4	KEA	1.7X	137	6						
2000	NOV	23	0910	23.39	19	11.55	155	28.07	34.79	32.08	.7	1.5	DLS	1.8X	159	7						
2000	NOV	23	1519	11.43	19	17.30	155	13.11	10.09	30.10	1.1	.5	SF2	2.4X	198	9						
2000	NOV	23	1655	0.61	19	20.56	155	10.74	7.46	18.11	1.4	.8	SF3	1.3X	220	3						
2000	NOV	23	1725	24.68	19	21.73	155	28.91	13.19	15.09	.6	1.6	DML	1.1X	95	9						
2000	NOV	23	1744	44.39	19	14.14	155	21.25	32.99	39.10	.7	1.0	DEP	1.9X	168	5						
2000	NOV	23	1837	31.06	19	20.89	155	11.97	7.44	27.13	.7	.6	SF3	1.8X	182	4						
2000	NOV	23	1927	48.66	19	25.83	155	18.05	5.00	16.10	1.0	.6	SNC	1.4X	149	1						
2000	NOV	24	0049	20.33	19	13.17	155	30.52	7.45	29.10	.4	.7	LSW	1.5X	134	4						
2000	NOV	24	0325	34.36	19	56.27	155	28.45	35.84	18.11	1.2	1.6	KEA	1.4X	236	15						
2000	NOV	24	1047	42.49	19	10.80	155	28.05	34.43	33.10	.7	1.5	DLS	1.8X	162	9						
2000	NOV	24	1842	30.24	19	48.81	156	3.00	42.29	28.11	1.3	1.6	HUA	2.0X	237	26						
2000	NOV	24	2146	28.32	20	0.85	155	33.79	3.40	13.17	1.2	4.9	KEA	1.6X	180	26						
2000	NOV	25	0051	19.03	19	25.82	155	16.07	15.60	30.08	.6	.3	DEP	1.4X	100	2						
2000	NOV	25	0217	21.62	19	23.00	155	26.72	9.04	14.10	.7	1.3	KAO	1.2X	138	11						
2000	NOV	25	0515	59.46	19	19.79	155	13.22	9.02	31.11	.6	.4	SF2	2.3X	174	5						
2000	NOV	25	1638	50.65	19	43.88	156	11.57	12.75	35.11	.8	.5	HUA	2.4X	258	37						
2000	NOV	26	0216	38.53	19	20.22	155	12.68	9.12	20.11	.8	.5	SF2	1.2X	185	4						
2000	NOV	26	0746	54.98	19	16.81	156	25.49	17.20	27.19	2.220	0	DLS	-	2.2X	283	58					
2000	NOV	26	1407	13.11	19	20.50	155	10.61	7.23	24.10	1.1	.7	SF3	1.4X	223	3						
2000	NOV	26	1518	51.07	19	18.45	155	6.52	7.52	19.08	1.2	.9	SF4	1.3X	288	9						
2000	NOV	26	2343	19.16	19	23.52	155	2.88	7.45	33.15	.9	.5	SF5	1.9X	179	14						
2000	NOV	27	0130	6.65	19	18.25	155	15.34	1.23	24.08	.4	.7	SSF	1.0X	190	8						
2000	NOV	27	1052	57.34	19	16.76	155	12.53	8.89	23.12	1.3	1.0	SF2	1.4X	246	11						

ORIGIN TIME (HST)		LAT N		LON W		DEPTH N		RMS ERH ERZ LOC		PREF AZ MIN							
YEAR	MON	DA	HRMN	SEC	DEG	MIN	DEG	MIN	KM	RD	SEC	KM	KM	RMK	MAG	GAP	DS
2000	DEC	5	1613	55.20	19	23.21	155	14.97	1.68	18	.14	.2	.4	SEC	1.2X	109	2
2000	DEC	5	1615	12.03	19	23.12	155	14.80	2.60	19	.10	.3	.4	SEC	1.6X	113	2
2000	DEC	6	0109	13.40	19	19.66	155	10.73	7.11	32	.09	.9	.5	SF3	1.3X	184	5
2000	DEC	6	0344	4.00	19	16.38	155	28.35	9.07	25	.12	.6	1.1	LSW	1.1X	141	18
2000	DEC	6	0416	42.83	19	23.75	155	15.47	0.35	20	.11	.2	.3	SEC L	1.5X	99	2
2000	DEC	6	0449	39.39	19	20.59	155	29.83	3.00	18	.14	.5	1.9	KAO	.9X	105	15
2000	DEC	6	0834	30.60	19	20.27	155	11.16	7.49	32	.10	.8	.6	SF3	1.3X	178	4
2000	DEC	6	0937	43.16	19	18.92	155	13.23	6.97	25	.11	.5	.9	SF2	1.3X	184	7
2000	DEC	6	1059	16.90	19	18.08	155	13.03	9.59	36	.14	.6	.4	SF2	1.7X	189	8
2000	DEC	6	1700	2.86	19	16.98	155	13.88	7.38	24	.09	.9	1.4	SF2	1.3X	221	8
2000	DEC	6	2103	13.77	19	22.40	155	26.76	11.25	41	.13	.4	.6	KAO	1.9X	71	12
2000	DEC	6	2335	21.71	19	23.22	155	14.81	3.39	22	.09	.4	.3	SEC	1.8X	122	2
2000	DEC	7	0558	10.72	19	18.92	155	6.17	7.68	31	.11	.9	.6	SF4	1.6X	206	8
2000	DEC	7	0646	42.27	19	20.48	155	13.19	6.64	17	.11	1.2	.8	SF2	1.2X	210	4
2000	DEC	7	0732	49.91	19	21.90	155	13.35	27.96	36	.11	1.0	.7	DEP	1.8X	147	1
2000	DEC	7	1044	58.88	19	22.98	155	16.15	0.83	16	.13	.3	.3	SEC L	1.5X	74	1
2000	DEC	7	1103	51.02	19	23.97	155	15.34	3.02	30	.12	.3	.3	SEC	2.1X	77	2
2000	DEC	7	1256	41.44	19	18.82	155	14.44	7.80	23	.13	.9	1.2	SF2	1.4X	189	6
2000	DEC	7	1514	29.77	19	25.59	155	9.08	38.79	33	.11	1.0	.9	DEP	1.6X	70	5
2000	DEC	7	1647	39.40	19	45.74	155	39.30	31.28	52	.10	.5	1.1	KEA F	2.9X	83	21
2000	DEC	7	2048	34.30	19	18.31	155	25.56	9.93	13	.17	.8	1.1	LSW	1.0X	133	8
2000	DEC	7	2323	20.33	19	21.52	155	11.17	7.79	26	.11	.8	.6	SF3	1.4X	168	3
2000	DEC	8	0134	31.19	19	21.68	155	28.50	7.99	33	.09	4	1.1	KAO	1.3X	107	10
2000	DEC	8	0215	39.54	19	52.98	155	43.67	9.88	20	.11	.5	.8	HUA	1.7X	123	25
2000	DEC	8	0600	16.16	19	20.12	155	30.49	5.79	26	.13	.4	2.1	KAO	1.1X	70	16
2000	DEC	8	1003	11.20	19	19.58	155	17.68	35.12	49	.11	.6	.7	DEP F	3.2X	154	1
2000	DEC	8	1208	4.87	19	50.44	155	44.37	33.75	19	.09	1.1	1.3	HUA	1.8X	290	15
2000	DEC	8	1216	2.04	19	19.68	155	12.91	4.33	22	.10	.7	2.4	SSF	1.2X	221	5
2000	DEC	8	1507	24.99	19	17.31	155	13.33	8.39	35	.11	.7	.7	SF2	1.8X	196	9
2000	DEC	8	2319	5.97	19	13.81	155	32.40	6.76	24	.15	.5	1.5	LSW	1.4X	120	15
2000	DEC	9	0529	33.45	19	21.77	155	30.28	5.75	21	.10	.4	3.1	KAO	1.2X	89	14
2000	DEC	9	0713	41.20	19	31.50	155	9.23	8.72	15	.12	1.4	2.1	GLN	1.8X	290	15
2000	DEC	9	1007	59.85	19	9.55	155	34.47	14.53	13	.10	1.3	.9	DLS	1.7X	175	3
2000	DEC	9	1018	15.96	19	26.74	155	16.42	3.04	14	.09	.6	.6	SNC L	1.6X	199	3
2000	DEC	9	1155	38.14	19	11.75	155	39.83	1.35	31	.15	.5	.5	LSW	1.6X	167	12
2000	DEC	9	1431	3.64	19	57.39	155	34.96	10.11	36	.11	.6	.5	KOH F	2.1X	153	23
2000	DEC	9	1732	31.43	19	24.51	155	30.21	11.72	30	.16	.5	1.0	KAO	1.3X	76	5
2000	DEC	9	2107	59.85	19	9.55	155	34.47	14.53	13	.10	1.3	.9	DLS	1.3X	143	20
2000	DEC	9	2152	5.18	19	12.00	155	28.42	0.06	34	.13	.5	.3	LSW #	1.5X	159	9
2000	DEC	10	0743	40.10	19	27.05	154	53.61	8.25	28	.11	1.1	.4	LER	1.5X	169	3
2000	DEC	10	0822	11.37	20	33.24	156	5.53	37.57	15	.08	2.6	1.7	DIS	1.7X	187	24
2000	DEC	10	0827	45.78	19	29.28	155	34.13	5.71	12	.10	.6	.9	MLO	1.1U	102	3
2000	DEC	10	1138	1.38	19	24.11	155	16.01	0.03	24	.12	.2	.3	SEC L#	1.7X	85	2
2000	DEC	10	2151	34.91	19	38.00	154	59.76	30.79	22	.12	.9	1.8	HIL	1.5X	181	8
2000	DEC	10	2332	49.94	19	20.60	155	12.31	7.31	32	.12	.7	.5	SF2	1.7X	161	4

ORIGIN TIME (HST)											ORIGIN TIME (HST)																																
YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LON W	DEG	MIN	SEC	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN	YEAR	MON	DA	HRMN	SEC	LAT N	DEG	MIN	SEC	LON W	DEG	MIN	SEC	DEPTH	N	RMS	ERH	ERZ	LOC	PREF	AZ	MIN
													KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS													KM	RD	SEC	KM	KM	REMKMS	MAG	GAP	DS	
2000	DEC	16	2339	1.14	19	23.01	155	25.16	9.08	27	11	.3	.9	KAO	1.0X	57	13					2000	DEC	22	0059	7.57	19	8.86	155	38.17	9.02	21	14	.6	1.1	LSW	1.3X	117	14				
2000	DEC	17	0042	6.11	19	20.10	155	11.62	6.74	28	11	.5	.9	SF3	1.1X	82	5					2000	DEC	22	0119	34.22	19	20.33	155	3.89	6.18	39	12	.6	.8	SF5	2.0X	174	7				
2000	DEC	17	0408	59.09	19	21.01	155	16.61	1.75	13	06	.4	.6	KOA	L	1.3X	135	3					2000	DEC	22	0353	44.05	19	22.35	155	30.04	7.04	21	09	.4	2.3	KAO	1.2X	48	13			
2000	DEC	17	0451	51.78	19	11.76	155	26.42	44.77	42	14	.8	1.1	DLS	T	2.3X	153	6					2000	DEC	22	0407	19.06	19	5.93	155	24.21	34.54	30	09	1.1	.9	LOI	1.3X	227	16			
2000	DEC	17	0543	23.76	19	6.29	155	26.47	58.09	20	08	1.1	2.2	DLS	T	1.9X	184	15					2000	DEC	22	0633	30.30	19	18.37	155	13.37	6.35	25	11	.5	1.0	SF2	1.3X	83	2			
2000	DEC	17	0812	52.72	19	6.28	155	28.40	30.97	28	07	.7	1.6	DLS		1.3X	185	17					2000	DEC	22	1359	39.16	19	21.01	155	4.46	6.63	21	10	.6	.9	SF5	1.6X	171	6			
2000	DEC	17	0838	8.88	19	23.06	155	13.53	45.15	32	14	1.1	1.3	DEP	L	1.8X	51	1					2000	DEC	22	1926	36.31	19	21.59	155	6.46	7.35	14	07	.6	1.0	SF4	1.3X	135	4			
2000	DEC	17	1148	11.48	19	26.44	155	23.86	9.57	26	13	.5	1.4	KAO		1.4X	59	6					2000	DEC	22	2347	31.78	19	26.06	155	18.54	8.65	12	05	1.5	1.0	INT	1.5X	170	2			
2000	DEC	17	1425	43.23	19	40.20	156	15.35	16.65	31	15	2.2	1.7	HUA	-	2.5X	214	44					2000	DEC	23	1013	18.98	19	37.98	155	47.00	21.52	44	13	.5	1.6	KON	2.3X	95	8			
2000	DEC	17	1558	19.48	19	37.57	156	7.27	11.52	19	14	2.2	.7	KON		2.0X	291	26					2000	DEC	23	1044	40.99	19	29.27	155	25.72	9.77	16	10	.6	1.3	KAO	1.4X	101	4			
2000	DEC	17	1623	12.45	19	36.68	156	7.39	11.95	33	14	1.0	.8	KON		2.1X	203	25					2000	DEC	23	1602	0.00	20	1.98	156	33.06	1.93	20	13	2.3	1.5	DIS	1.8X	231	70			
2000	DEC	18	1445	50.11	20	9.12	156	38.99	33.70	14	10	4.1	8.7	DIS		1.7X	45	7					2000	DEC	23	1608	17.82	19	18.08	155	28.08	8.37	19	12	.5	1.4	LSW	1.5X	150	7			
2000	DEC	18	0828	43.91	19	18.51	155	12.98	4.71	20	06	.4	1.4	SF4		1.0X	95	3					2000	DEC	23	1654	21.70	19	28.43	155	26.71	8.31	36	11	.3	.9	KAO	1.7X	46	6			
2000	DEC	18	0844	48.52	19	22.94	155	14.59	3.48	20	06	.3	.4	SEC		1.5X	73	2					2000	DEC	23	2145	10.78	20	3.43	155	36.92	29.65	20	11	1.0	1.5	KOH	2.0X	169	19			
2000	DEC	18	0855	30.55	19	22.38	155	19.17	27.99	40	11	.6	.9	DML		1.7X	37	4					2000	DEC	24	0259	47.52	19	20.70	155	29.28	30.49	29	10	.6	1.4	DML	1.4X	70	10			
2000	DEC	18	1057	29.45	19	25.99	155	18.23	15.45	39	11	.5	.4	DEP		1.5X	53	2					2000	DEC	24	0515	58.23	19	19.95	155	29.73	1.79	25	08	.3	1.6	KAO	1.2X	49	9			
2000	DEC	18	1445	50.11	20	9.12	156	38.99	33.70	14	10	4.1	8.7	DIS		1.7X	45	7					2000	DEC	24	0952	52.07	19	18.08	155	28.08	8.37	19	12	.5	1.4	LSW	1.3X	79	7			
2000	DEC	18	1447	15.66	19	20.42	155	6.77	8.84	40	12	.6	.4	SF4		2.9X	241	63					2000	DEC	24	1319	8.67	19	17.85	155	31.25	1.70	20	11	.6	3.0	LSW	1.4X	107	5			
2000	DEC	18	1626	16.08	19	23.08	155	14.72	3.51	42	11	.3	.4	SEC		2.5X	50	2					2000	DEC	24	1736	53.30	19	46.82	155	52.15	31.36	30	10	.8	1.5	HUA	1.8X	183	11			
2000	DEC	18	1643	12.49	19	16.39	155	4.64	44.08	47	11	.8	.9	DEP		2.1X	199	6					2000	DEC	24	1803	33.63	19	18.61	155	12.63	7.18	11	03	.6	2.0	SF2	.9X	102	3			
2000	DEC	18	1812	16.88	20	1.60	156	33.89	3.36	43	17	1.2	1.2	DIS		2.1X	233	71					2000	DEC	24	1813	20.59	19	20.15	155	8.58	7.34	18	07	.6	1.0	SF4	1.4X	107	4			
2000	DEC	19	2222	42.56	19	55.52	155	34.95	19.53	12	13	1.4	1.5	KOH		1.2X	229	11					2000	DEC	24	1814	11.34	19	20.09	155	8.60	7.05	21	06	.5	.8	SF4	1.4X	106	4			
2000	DEC	19	0036	35.03	19	13.97	155	34.20	7.86	11	15	.7	1.4	LSW		1.2X	113	7					2000	DEC	24	2306	29.69	19	21.89	155	25.27	11.75	32	12	.4	.7	KAO	1.6X	51	14			
2000	DEC	19	0326	42.87	19	58.03	155	34.01	10.67	13	14	.7	.8	KEA		1.5X	161	15					2000	DEC	25	0248	50.59	19	25.80	155	24.14	13.03	27	10	.5	.6	DML	2.0X	62	8			
2000	DEC	19	0509	46.96	19	35.05	156	4.01	13.17	17	12	3.1	1.0	KON		1.6X	265	19					2000	DEC	25	1016	4.14	19	21.33	155	18.64	4.41	27	10	.3	1.2	SWR	1.4X	47	3			
2000	DEC	19	0529	11.49	19	54.62	155	23.50	29.30	50	12	.6	.9	KEA		2.0X	162	6					2000	DEC	25	1019	49.35	19	21.89	155	29.97	3.17	26	09	.3	2.1	KAO	1.3X	52	13			
2000	DEC	19	1048	2.69	19	34.20	155	41.59	10.65	27	14	.5	.7	MLO		1.7X	61	12					2000	DEC	25	1806	56.19	19	20.99	155	7.59	8.45	29	13	1.1	.7	SF4	2.2X	191	4			
2000	DEC	19	1105	59.49	19	20.30	155	7.88	7.27	27	07	.5	.6	SF4		1.4X	122	5					2000	DEC	25	1809	11.46	19	19.60	155	7.20	8.81	38	10	.6	.5	SF4	2.5X	136	4			
2000	DEC	19	1152	39.37	19	20.11	155	8.55	8.15	25	09	.5	.7	SF4		1.3X	107	4					2000	DEC	26	0330	23.08	19	25.44	155	18.94	6.78	16	09	.6	1.0	INT	1.3X	83	2			
2000	DEC	19	1428	51.20	19	29.35	155	26.32	3.83	28	12	.4	1.3	KAO		1.6X	81	5					2000	DEC	26	1307	13.89	19	12.84	155	36.94	1.86	14	11	.6	1.2	LSW	1.4X	109	17			
2000	DEC	19	2209	35.98	19	20.43	155	8.68	6.54	44	11	.4	.6	SF4		2.0X	104	4					2000	DEC	26	1744	2.70	19	32.09	155	53.64	13.41	13	13	1.8	.8	KON	1.0X	232	6			
2000	DEC	19	2322	42.57	19	20.05	155	8.66	7.56	31	09	.4	.6	SF4		1.5X	104	4					2000	DEC	26	2252	39.51	19	30.13	155	25.95	10.48	13	12	.6	.7	MLO	1.1X	126	5			
2000	DEC	19	2318	4.47	19	19.02	155	15.37	6.05	26	11	.4	.9	SF1		1.1X	104	5					2000	DEC	26	2253	27.24	19	20.30	155	12.93	5.96	21	10	.4	.9	SF2	2.1X	68	4			
2000	DEC	20	0318	11.18	19	18.91	155	15.01	5.45	27	10	.4	1.4	SF1		1.4X	100	4					2000	DEC	27	1218	56.14	19	31.26	155	54.20	13.23	15	10	1.0	.5	KON	1.2X	176	4			
2000	DEC	20	1402	27.84	19	21.54	155	30.30	1.33	29	11	.4	1.1	KAO		1.3X	53	12					2000	DEC	27	1335	36.52	19	21.92	155	5.05	7.34	17	10	.7	.8	SF5	1.5X	151	5			
2000	DEC	20	2139	58.32	19	20.31	155	13.10	5.66	21	09	.5	1.0	SF2		1.0X	66	4					2000	DEC	27	1359	13.16	19	29.12	155	26.55	7.71	18	11	.6	1.6	KAO	1.1X	95	6			
2000	DEC	20	2259	27.16	19	31.34	155	41.55	10.57	16	12	.6	1.8	MLO		1.1X	106	10					2000	DEC	27	2128	26.80	19	2.41	155	22.35	32.80	41	09	.9	1.4	LOI	1.9X	215	22			
2000	DEC	21	0155	42.54	19	20.95	155	19.80	30.75	22	12	1.0	1.8	DEP		1.4X	53	6					2000	DEC	27	2359	14.38	19	20.16	155	11.39	7.54	34	13	.5	.6	SF3	2.0X	83	4			
2000	DEC	21	0410	2.59	19	18.91	15																																				

YEAR	MON	DA	HRMN	SEC	(HST)	LAT	N	DEG	MIN	LON	W	DEG	MIN	DEPTH	N	RMS	ERH	ERZ	LOC	PRRF	AZ	MIN
														KM	RD	SEC	KM	KM	REMK	MAG	GAP	DS
2000	DEC	28	1300	56.52	18	55.11	155	34.60	43.82	19	.09	1.6	2.1	DLS						1.4X	280	33
2000	DEC	28	1949	27.14	19	18.44	155	13.75	9.26	32	.11	.5	.5	SF2						1.5X	131	8
2000	DEC	28	2131	51.94	19	19.91	155	10.67	8.65	31	.13	.6	.6	SF3						1.4X	89	4
2000	DEC	29	0102	12.36	19	18.43	155	13.88	8.50	22	.10	.6	.9	SF2						1.1X	147	8
2000	DEC	29	0439	47.58	19	17.73	155	13.96	7.61	28	.13	.6	.9	SF2						1.3X	104	2
2000	DEC	29	0800	4.90	20	3.50	155	50.26	16.50	12	.08	3.411	.2	KOH	-					1.3X	152	16
2000	DEC	29	0826	28.36	19	12.56	155	24.13	35.31	17	.13	1.3	3.6	DEP						1.2X	195	3
2000	DEC	29	1344	44.79	19	45.26	155	15.17	38.95	40	.12	.9	1.2	KEA						2.2X	185	22
2000	DEC	29	1757	30.95	19	46.75	155	36.71	14.48	15	.12	1.8	.7	KEA						1.5X	261	16
2000	DEC	29	2317	4.78	19	20.94	155	29.27	11.63	21	.08	.4	.9	KAO						1.3X	51	10
2000	DEC	30	0046	52.49	19	29.04	155	26.84	6.63	34	.13	.4	1.3	KAO						1.7X	51	6
2000	DEC	31	0315	3.95	19	20.45	155	11.90	8.51	40	.15	.4	.5	SF3						2.6X	75	5
2000	DEC	31	0653	46.39	19	20.59	155	12.16	9.20	23	.07	.5	.6	SF3						1.5X	71	4
2000	DEC	31	0713	31.55	19	20.08	155	8.42	7.07	34	.13	.4	.6	SF4						2.0X	109	4
2000	DEC	31	0716	11.96	19	19.72	155	8.61	7.57	18	.08	.8	.9	SF4						1.4X	180	5
2000	DEC	31	0814	7.57	19	20.32	155	8.95	7.15	27	.08	.5	.7	SF4						1.7X	101	4
2000	DEC	31	0856	5.65	19	19.73	155	11.63	6.47	23	.12	.5	1.0	SF3						1.3X	89	5
2000	DEC	31	0919	55.67	19	9.21	155	33.95	35.34	27	.08	.7	1.7	DLS						1.3X	141	13
2000	DEC	31	0937	6.27	19	15.27	155	27.47	9.13	22	.12	.6	1.0	LSW						1.3X	133	5
2000	DEC	31	1124	56.27	19	15.34	155	26.95	6.08	22	.12	.5	1.2	LSW						1.4X	108	5
2000	DEC	31	1253	31.56	19	24.97	155	38.50	3.38	13	.12	1.1	.8	MLO						1.5X	181	2
2000	DEC	31	1552	7.14	19	18.88	155	14.89	5.15	22	.10	.5	1.4	SF1						1.3X	99	4
2000	DEC	31	2032	36.07	19	23.95	155	4.34	2.63	13	.08	1.1	.7	SME						1.4X	178	1

Table 5.

YEAR	ORIGIN TIME (HST)		LAT N		LON W		DEPTH KM	N RD	RMS SEC	ERH KM	ERZ KM	LOC REMARKS	PREF MAG	AZ GAP	MIN DS			
	MON	DA	HRMN	SEC	DEG	MIN										DEG	MIN	
2000	JAN	27	2333	42.19	19	16.51	155	28.91	10.18	45	.15	.4	.5	LSW	F	4.1U	96	3
2000	FEB	4	0053	16.39	19	16.35	155	28.09	10.56	34	.13	.3	.4	LSW		3.0X	96	4
2000	FEB	11	1719	55.82	19	34.48	156	13.98	22.07	35	.10	1.2	2.0	KON	F	3.3X	220	24
2000	FEB	12	1624	49.56	19	47.39	155	35.71	4.23	14	.16	.6	8.7	KEA		3.0U	108	10
2000	FEB	13	0202	54.53	20	9.05	155	55.74	31.76	48	.11	.6	.8	KOH		3.3X	134	5
2000	FEB	17	1418	42.32	19	20.58	155	16.14	35.66	32	.10	.7	1.2	DEP	F	3.4X	148	2
2000	FEB	17	1419	28.77	19	20.22	155	16.76	35.29	37	.11	.7	.9	DEP	F	4.5U	111	1
2000	FEB	23	1314	12.07	19	26.68	155	53.48	14.28	33	.09	.5	.3	KON	F	3.1X	157	6
2000	FEB	23	1406	53.26	19	23.14	155	14.43	3.01	31	.13	.3	.4	SEC	F	4.0U	92	3
2000	MAR	12	2023	17.21	19	41.55	157	29.87	32.90	23	.12	1.5	3.6	DIS		3.1X	297	162
2000	APR	1	2018	19.68	19	20.73	155	12.50	9.46	45	.15	.5	.4	SF2	F	5.0U	169	4
2000	APR	9	1021	36.82	19	25.24	155	15.63	11.72	13	.10	1.1	1.2	INT	L	3.2U	171	2
2000	MAY	1	1535	7.73	18	6.07	155	48.27	25.26	37	.11	1.3	6.2	DIS		3.1X	323	99
2000	MAY	4	1743	36.34	19	11.85	155	38.90	7.32	42	.16	.5	.8	LSW		3.1X	106	6
2000	MAY	7	1922	19.69	19	23.81	155	8.59	41.36	33	.10	.8	.7	DEP		3.2X	90	2
2000	MAY	15	2255	19.38	19	45.92	156	39.58	31.42	29	.10	1.1	2.3	DIS		3.4X	261	68
2000	MAY	20	1127	32.94	19	22.82	155	14.69	2.68	28	.11	.3	.3	SEC		3.0U	88	2
2000	MAY	29	1611	2.79	19	19.75	155	13.64	7.80	35	.11	.4	.5	SF2	F	3.9U	129	5
2000	JUN	10	1635	12.02	19	22.12	155	28.87	11.04	38	.11	.4	.5	KAO		3.2U	79	2
2000	JUN	12	0235	18.81	19	31.32	155	4.49	14.53	36	.12	.7	.5	DEP	F	3.1X	129	15
2000	JUN	13	0309	24.48	20	44.12	155	49.43	22.32	29	.11	2.2	5.6	DIS		3.0X	232	45
2000	JUL	15	2224	13.59	19	25.92	155	15.94	13.69	11	.14	2.9	1.8	DEP	L	3.6U	200	3
2000	JUL	16	1934	15.11	19	26.64	155	18.33	8.37	11	.07	1.7	1.3	INT	L	3.2U	185	3
2000	JUL	19	0932	18.55	19	4.67	155	25.57	49.94	29	.09	1.7	2.1	DLS	T	3.2X	232	18
2000	AUG	6	1900	51.79	19	32.80	155	10.16	21.63	19	.11	1.9	2.1	DEP	F	3.1X	246	17
2000	OCT	13	2153	42.28	20	17.84	155	26.14	38.81	60	.10	.7	1.5	KEA	F	3.9X	205	41
2000	OCT	21	1425	26.67	19	21.35	155	4.94	8.40	42	.10	.5	.4	SF5	F	3.2X	152	6
2000	NOV	16	1858	40.74	21	5.85	156	8.12	12.87	44	.10	2.2	3.3	DIS	F	3.9X	288	45
2000	DEC	8	1003	11.20	19	19.58	155	17.68	35.12	49	.11	.6	.7	DEP	F	3.2X	154	1