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The 1997 Los Angeles Basin Passive Seismic Experiment – A Dense, Urban Seismic Array to Investigate Basin Lithospheric Structures

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ABSTRACT

In 1997, 18 seismic stations were installed in the Los Angeles basin to record teleseismic, regional, and local earthquakes. The goals of the experiment were to quantify amplification of ground motion due to variations in sedimentary environments and subsurface structures, and to examine the tectonic extensional and compressional history of the Los Angeles basin and San Gabriel Mountains by tomograhic imaging. The linear array spanned the entire basin between Seal Beach to the south and Azusa to the north. The stations consisted of three-component, short-period seismometers and timing was controlled by GPS receivers. Most locations were home-owner backyards with continuous A/C power sources and battery backup. The stations operated between March and November, 1997. The long experiment time was needed to record as many large teleseisms as possible at the seismically and culturally noisy Los Angeles basin sites. Data were recorded continuously at 25 sps and triggered at 50 sps. The total array length was 50 km with an average station spacing of 3-4 km. This was a much denser seismic array than any other in the region, and the close spacing of seismometers is providing high-resolution information about the geometry of structures several kilometers below the surface. The high density of stations is making it possible to observe amplitude variations on length scales of a few kilometers and to obtain travel times in seismically and culturally noisy regions by cross-correlation with quiet stations using the highly coherent waveforms. This array location was chosen because it spans the entire Los Angeles basin, and it covers an area known for its high seismic hazard, unique geology and active plate motion. It was also the site of one leg of the 1994 Los Angeles Region Seismic Experiment in which onshore and offshore explosions were recorded along essentially the same line for very detailed structure in the upper 20 km of the Earth's crust.

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INTRODUCTION

Shallow subsurface structures can cause focusing of seismic waves that results in enhanced earthquake damage. For example, the large amount of damage that occurred in Santa Monica after the 1994 Northridge earthquake may have been due to focusing of seismic energy. An estimate of how hard the ground will shake at specific sites during future earthquakes can be made from seismic data in order to prepare for such potential hazards. Although significant progress has been made in understanding how faulting occurs in Southern California, the San Gabriel valley-northern Orange County region is one where there is still a paucity of good seismic data. The data are necessary to elucidate crustal and upper mantle structure needed in hypocenter location, ground motion prediction, model validation, and tectonic evolution studies. As a result, the 1997 Los Angeles Basin Passive Seismic Experiment (LABPSE) was designed to fill in the gap.

The Los Angeles basin is a Miocene depositional basin with widely varying sedimentary thickness and lithology (Yerkes et al., 1965). It is bounded to the north by the San Gabriel Mountains. The high-angle, reverse San Gabriel frontal fault segment of the Sierra Madre-Cucamonga fault system defines the southern base of the San Gabriel Mountains. The fault dips northward into the San Gabriel Mountains' granitic and metamorphic rocks and is adjacent to unconsolidated alluvial fan deposits lying to the south, characterizing the northern San Gabriel valley (Yerkes et al., 1965). The Los Angeles basin and San Gabriel Mountains are characterized by markedly different geological blocks and the changing geology is reflected in profiled seismograms across the array.

The high-density LABPSE array, composed of short-period seismometers, was installed across the entire Los Angeles basin for nine months from March to November, 1997. The array was designed and maintained by UCLA seismologists whose goals were to investigate shallow

Earth structure beneath the San Gabriel and Los Angeles basins. We recorded local, regional, and teleseismic earthquakes continuously during the experiment. Most of the 18 stations, including those in the deep portions of the basins, recorded both local and teleseismic events with unprecedented clarity and waveform coherence. The goals of the experiment were to quantify amplification of ground motion due to variations in sedimentary environments and subsurface structures, and to examine the tectonic extensional and compressional history of the Los Angeles basin and San Gabriel Mountains by tomographic imaging.

The array spanned a region of Southern California that includes the southern foothills of the San Gabriel Mountains, the San Gabriel valley, the Puente Hills, and the deep southeastern Los Angeles basin to the coast (Fig. 1; Table 1). The northernmost San Gabriel Mountain foothill stations in Azusa are on bedrock or thin alluvial fan sediments and display the highest signal-to-noise ratios. They are followed to the south by several stations sitting on ~3 km of sediments that comprise the San Gabriel valley, a small sedimentary basin within the larger Los Angeles basin. The increase in sedimentary thickness (i.e., the increased depth to basement) results in scattered waveforms showing more phase complexity than the bedrock stations. The central three stations are in the Puente Hills and the Whittier fault separates them from the deep-sediment (up to ~7 km) southern basin stations. The southernmost stations are near the coast in Seal Beach and cross the Newport-Inglewood fault. Waveform coherence is excellent across the array, regardless of sedimentary environment.

ARRAY INSTRUMENTATION

The stations consisted of three-component, short-period sensors, and the data recording units were Reftek Data Acquisition Systems (DAS's) with 16-bit and 24-bit digitizers (Table 2). The DAS's recorded continuous and triggered data streams at 25 and 50 samples per second, re-

spectively. Each instrument recorded data in record lengths of one hour, and each hour-long record was automatically written to an external hard disk. Triggered data were also written to disk hourly, but record length was determined by signal-to-noise ratios and absolute signal amplitudes. The sensor types included the three-component Mark Products 1-Hz L4C3D and 2-Hz L22 (Table 2). The Portable Broadband Instrument Center managed by the Institute for Crustal Studies at the University of California at Santa Barbara supplied the DAS's, sensors, and most of the external disks. Other external disks were borrowed from the collections of UCLA and USC.

Car and boat batteries directly supplied power to the instruments. At most stations the batteries were continuously recharged by local power supplies (e.g., nearby electrical outlet). Where continuous A/C power was not available, an array of solar panels maintained battery voltage. At least 11.5 volts output was necessary for the seismometer to function properly.

Every station was visited approximately once every three weeks to collect data and perform quality control checks. External hard disks were swapped or data were downloaded to portable disks. Information regarding the status of timing, location, power, temperature, and data acquisition were automatically recorded in the log files for each DAS. Some of the DAS's were also able to record ambient temperature and input power levels. Appendix A contains a summary of field operator notes on observations made during station visits. It lists unusual occurrences not recorded in the log files that may be relevant to data analysis.

The internal Reftek clocks controlled the timing in each instrument. GPS receivers provided timing calibrations to the internal clocks. The log files stored with the data contain detailed information about the exact times at which calibrations from GPS signals were performed. Corrections made for other timing offsets will be described in the next section.

WAVEFORM DATA PROCESSING

The raw, uncompressed data set comprised approximately 100 Gb and was recorded in two modes: continuous hour-long and triggered variable-length files. The raw data were converted to SEG-Y format, corrected for timing offsets and cut into files containing seismic signals from significant earthquakes as follows. First, timing corrections were performed by changing the trace start time in the SEG-Y headers of the continuous waveform hour-long files using the GPS receiver information from the log files recorded at each station. Time corrections were interpolated between GPS clock signals received at the station and computed using Incorporated Research Institutions for Seismology (IRIS) PASSCAL software, Release 1.9. Next, processed waveforms were cut into 150-second (local, regional, and teleseismic) and one-hour (regional and teleseismic) segments containing arrivals from significant events that were recorded during the experiment.

The final products of data processing are 1) hour-long files containing the continuous waveform data recorded at each station for each day of the experiment, 2) triggered events for some events recorded at some stations, 3) 150-second time-windowed waveform segments containing the local, regional, and teleseismic event arrivals, and 4) one-hour time-windowed waveform segments containing the regional and teleseismic event arrivals. Every station has log files associated with it and these are included in the final data product in storage. Log files were recorded for each day of the experiment and the log file name corresponds to the DAS number of the station for that day. The data are currently archived at UCLA's seismological lab.

DATA AND EVENTS RECORDED

Data recording began March 6, 1997 and continued until November 21, 1997 during which stations recorded teleseismic, regional and local events continuously (Fig. 2). The Preliminary Determination of Epicenters (PDE) catalog produced by the USGS National Earthquake Information Center (NEIC) shows that 230 teleseismic events with magnitudes greater than ~5.5 occurred during LABPSE (Table 3). According to catalog data supplied by the Southern California Earthquake Center Data Center, 17 regional events (Table 4), and 2280 local events (Table 5) with magnitudes $M \geq 2.0$ occurred during the recording period. Notable local events include the March 18, 1997 Calico earthquake ($M_L = 5.3$), as well as the April 26 and April 27, 1997 Northridge aftershocks ($M_L = 5.1$ and 4.9) (Fig. 3).

The sensors recorded velocity as voltage and each instrument response is slightly different. True amplitude can be obtained by entering individual sensor parameters into the instrument removal response code contained in the Seismic Analysis Code (SAC) software subroutine *transfer* (produced at Lawrence Livermore). This subroutine converts raw amplitudes into true amplitudes using individual sensor calibration parameters. The three parameters that define amplitude sensitivity are the free period of the sensor, the observed generator constant, and the observed damping ratio. The values for these parameters were obtained by Aaron Martin by calibrating each sensor (Rodgers *et al.*, 1995) during and after use in LABPSE. The resulting free period, generator constant, and damping ratio values for each sensor component are given in Table 6 (Table 6a: Vertical; 6b: North-South; 6c: East-West).

AMPLIFICATION OBSERVATIONS AND INTERPRETATION

The waveforms are being used by researchers to test numerical predictions of the ground motion amplitude variations due to local earthquakes for a large range of azimuths. The clearly recorded teleseisms in the basin make an ideal test of ground motion predictions using any three-dimensional Southern California upper crustal velocity model. The local events are being used by UCLA seismologists to quantify ground motion amplification in densely populated areas, e.g., near the Whittier and Sierra Madre faults, and in the deepest portions of the sedimentary basins.

Preliminary analysis shows an unexpected change in waveform character between the Puente Hills stations and adjacent stations to the north (San Gabriel valley) and south (southern Los Angeles basin). This area is adjacent to the Whittier fault, a right-reverse-slip fault dipping 60-80° northeast exposed along the south flank of the Puente Hills (Yerkes et al., 1965). The Puente Hills are underlain by a wedge of granitic basement rock that is covered with a thin layer of exposed sediments (Yerkes et al., 1965). Several earthquakes that occurred near the array have surprisingly impulsive P and S arrivals on San Gabriel valley and Los Angeles basin records, but scattered or emergent arrivals for stations in the Puente Hills. The amplitude of the S waves, measured as the maximum peak after the first S-wave arrival, varies with back azimuth and distance. A shallow defocusing structure such as a sharply folded anticline would explain this observation. Horizontal waveforms from local events recorded at basin stations are most amplified between Cerritos (south of Whittier) and Cypress (north of Seal Beach), the segment that corresponds to the region of maximum basin sedimentary thickness along the line. In general, stations in the San Gabriel Mountains and Puente Hills display greater signal to-noise ratios than stations in the rest of the Los Angeles basin (which includes the San Gabriel valley).

We are also examining teleseismic waveform data (Fig. 4) and have found a large variation in teleseismic P-wave and S-wave amplitudes across the Los Angeles basin. Since the relatively long-period (>1 s) waveforms have nearly identical raypaths, the amplitude variations can be directly attributed to basin amplification. Teleseisms from events with M>5.5 exhibit a P-wave amplitude ratio of up to 4:1 for stations near the deepest portion of the Los Angeles basin (where sediments are ~7 km thick) relative to the northernmost crystalline rock San Gabriel Mountains station (Fig. 5). S-wave amplitude ratios are as much as 6:1. Some of the largest ratios, however, are seen at the southernmost edge of the basin (e.g., Seal Beach), even though sediments have thinned to about 3 km. The observed P waveforms also show a clear high-frequency shift at sites with large amplifications, indicating that while the overall sedimentary thickness is important, the majority of the amplitude variations are controlled by the nature of the shallowest structure. Two-dimensional and three-dimensional finite-difference modeling suggests that recent high-resolution upper crustal velocity models may not adequately predict the observed large amplification or frequency shift (Kohler et al., 1998). The sensitivity of these waveforms to the shallow velocity profile will allow improvement to and independent validation of the Southern California Earthquake Center (SCEC) 3D Seismic Velocity Model (Clayton et al., 1999).

The telesesismic data combined with Southern California Seismic Network data are being used in tomographic inversions for subcrustal lithospheric heterogeneity with greatly increased raypath coverage and resolution beneath the deeper portions of the Los Angeles basin. Although the Los Angeles basin is a heavily studied region, there is a surprising dearth of teleseismic data. The basin waveforms from local networks are often difficult to read. Moreover, no other networks are nearly as dense with three-component recording, precluding the study of small-scale lower crustal-upper mantle structures. The three-dimensional images of seismic heterogeneity

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are making it possible to evaluate the role of recent tectonics in the geologic history of the eastern Los Angeles basin.

The operational success of arrays such as this and the 1993 Los Angeles Regions Seismic Experiment passive array illustrate the potential value of a continuously migrating dense local array. Such an array would make it possible to deploy seismometers for long periods of time in regions where instrumentation is sparse to study the potential for future amplified ground shaking. With these dense arrays it is now possible to determine how much anomalously strong ground motion is due to local site effects such as sedimentary environment, and how much depends on focusing caused by subsurface structures on a scale as small as one km.

ACKNOWLEDGMENTS

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APPENDIX A

This is a summary of notes taken in the field during the tri-weekly station visits. This summary only contains accounts of unusual occurrences at the station which may not be recorded in the corresponding log file. The notes are organized by station number, then chronologically by station visit date. Time is given as GMT julian day:hour:minute.

Station No.	Time (day:hr:min)	Comments
101	85:17:46	# of events high. May want to change trigger ratio next time.
101	101:15:14	Transfer disk didn't work here. DAS incompatible. Turn up trigger ratio next time.
101	204:15:25	Didn't clear RAM. Changed bags.
101	225:18:02	60 Hz signal has a range of only 800 counts. Don't think it's significant. When sensor disconnected, signal still there, but only a range of 150 counts. Number of events high, but didn't change trigger ratio because construction nearby is probably triggering sensor.
102	289:20:29	Lot of events due to heavy equipment that's cementing granite along driveway. Releveled sensor. Bubble was in SW quadrant of level.
102	71:17:15	Put shortline plug at site that had been forgotten at install. 34°09'34.8" 117°53'32.7" CON OK=Last few events were CON. Looked OK.
102	128:16:49	Transfer did not work, so we swapped disks.
102	267:16:35	There's a 60Hz signal that disappears on all channels when sensor cable is disconnected (doesn't really disappear, the range just changes).
103	286:21:18	Raised trigger ratio from 10.0 to 12.0.
103	69:17:40	34°08'48.4" 117°54'52.3" Battery dead at site GC31-3. Problems w/ Stop ACQ, reset DAS. Two attempts at dumping data failed.
103	78:16:17	Channel 6 seems noisy.
104	286:21:47	Raised trigger ratio to 12.0.
104	71:18:30	34°06'12.1" -117°55'56.9"
104	113:16:19	GPS locked 2 days ago. Channel 5 is noisy (?).
104	143:16:52	DAS STATUS did not open, because battery not plugged in! Battery low—2 V! Remember to plug battery back in after testing voltage. Needs to be replaced/recharged.
104	183:16:41	GPS in flower garden facing house (on side). Dead battery, possible charger problem (?), but charger was putting through ~13.0 V. (-)SCSI. Could not STOP ACQ. ACQ stopped when

		disk was switched and SCSI went to (+) with new disk. Batt. at 11.04 V when I left. Hole in bag.
104	204:17:22	Channel 5 sitting hard against stops. Channel 6 pretty close to stops. Sensor was aligned w/ arrow pointing nearly due west. We realigned it to north (magnetic) and releveled sensor. Bubble level not accurate. Green dot marks proper level. Need thicker gasket to adjust bubble level. Changed batteries.
104	267:17:55	Wood was piled near sensor (basically on it). Owner said it was moved a couple of weeks ago. Redug hole, buried and releveled/realigned sensor. Put GPS on woodpile. Check every time to make sure everything OK. Note: releveled to green dot. ACQ didn't restart; it was set for a delay of 40 minutes.
104	289:22:15	Raised trigger ratio from 10.0 to 12.0
105	310:23:32	Mistakenly cleared RAM before SCSI was ready.
105	71:19:29	Channel 6 dead on sensor check. Reinitialized DAS, seems OK. 34°04'50.4" -117°56'35.7"
105	99:01:01	LED light on; disconnected battery lead -> light off. Bring cloth to wipe solar panel. Batt. looks low. Trouble making contact with SCSI. Tried it with another battery, still failed.
105	140:00:52	Solar panel removed. Replaced w/AC. Panel was flipped over for 2 days.
105	204:18:49	Put in parameters anew.
105	267:19:34	Changed bag. Changed station name and number from 0105 to 105.
105	289:22:52	Raised trigger ratio from 12.0 to 15.0.
106	310:21:44	Trigger ratio is fine (15.0). Don't know what caused so many events (4859).
106	71:21:19	Batter dead. Switched out. 34°03'18.4" -117°57'02.5"
106	78:17:54	Channel looked weak, then OK. Bad connection? Bring cover for disk/DAS. Label 1-GB on disk.
106	99:00:17	DRS # 5235-labeled 513 MB, SCSI STATUS reads 1.03GB. Ch. 4 looks funny on stomp test.
106	122:22:46	ASLEEP (???) RAM. LED light not on. Had to re-enter parameters. PS106.
106	139:21:39	ASLEEP. Went to store for 100 ft. extension cord. Solar panel replaced with 110 ft. extension cord. Formatted and left original disk. Problems w/ DAS. Reset self to 1990:220, after Parameter modification. Died 2 times. Reset to PASSCAL test params. Replace DAS!
106	183:17:48	Problem formatting disk # 5560, so we switched to disk # 5485.
106	225:16:06	When trying to format new disk, palmtop locked up, DAS STATUS wouldn't appear. Disk 5380 sounds like it can't get spun up. Hear an intermittent clicking noise from disk. In-

		stalled disk 5494 instead.
106	248:18:55	Failed SCSI communication: couldn't reformat disk 5493. CONTROL BREAK, disk formatted, check SCSI STATUS: 0 MB used.
106	267:21:07	Found battery cable that leads to DAS disconnected (+ terminal). Disconnected DAS and reattached battery. I could hear DAS running when I arrived, but opening bag must have dislodged cable from (+) terminal.
107	289:23:37	Raised trigger ratio from 10.0 to 12.0. DAS serial port leads getting bad. Don't turn connector all the way to the right (kinda half way).
107	71:20:51	34°01'57.9" -117°57'27"
107	78:18:26	Power lead broke free when switching disk. Recrimped lead. Large offset channel 4. Maybe OK. Stomp looks fine.
107	122:22:21	LED light on but ACQ START ON. Power low.
107	139:22:41	Solar site removed; replaced with AC power (through patio light bulb)
107	183:18:24	ACQ was OFF, (*)SCSI. It probably was recording event. Charger working.
107	204:21:11	Voltage low—left battery, though. Watch voltage next time.
107	248:20:02	SCSI device not ready when stopped ACQ. Releveled sensor: Channel 6 showed much greater negative amplitude on stomp test than positive amplitude. Releveling didn't change stomp test results.
107	255:15:44	Just checking to make sure station is working. Everything seems fine. Battery voltage higher than usual, but probably because ACQ wasn't stopped. Mr. Vega cut back bushes, so we need cooler for station.
108	267:21:40	Changed battery. Installed cooler.
108	72:01:30	May want to raise trigger ratio. 34°0'9.0" -117°58'39.8"
108	78:19:04	Changed trigger ratio (10.0 to 12.0). Didn't clear RAM. (280 events)
108	190:16:06	Down for a week (last event [triggered] was 1 week ago.)
108	204:22:18	No disk swap today.
108	273:15:22	GPS is on top of ivy—easy access to satellites.
109	294:15:24	Changed trigger ratio (12.0→15.0)
109	77:22:07	Sensor looks bad—V and E-W. Replaced with another. Sensor #0883→1848. New sensor looks OK. 33°58'49.4" - 117°59'23.4"
109	78:19:50	Bring DAS/disk cover, e.g., styrofoam ice chest—disk appeared to overheat.
109	121:18:29	Trouble on transfer. Came back after 1 hr. and transfer still in process. Did disk swap instead on transfer.
109	149:15:46	Garbage bag deteriorating, need new bag.
109	169:17:59	Changed garbage bags.

109	190:16:35	Placed styrofoam cooler on top of setup. Placed brick on top to keep from blowing away.
109	204:23:15	No disk swap today.
109	211:16:57	Appears to be 60 Hz signal on Chs. 4,5,6 with range nearly same as sensor check (probably pool filter). Range on stomp test was approx. 64,000; therefore noise not significant.
109	231:18:00	Parameter modifications: changed station number and name from 117 to 109.
109	255:16:40	Couldn't get DAS STATUS. Tried cleaning leads, didn't work. Battery at 0.39V. Fast charge light not lit, might be bad charger (voltage across screw appox. 0.39 V). Replaced charger SCEC-14 with one from bag. Will return this afternoon. By the time I left (255:17:06), fast charge light was out, but power still on.
		Returned at 255:20:00, no change. Measured voltage with charger unplugged: 0.01-0.02 V. When plugged charger back in, voltage=2.2 V, then decreased to 0.49 V.
109	262:16:12	Swapped batteries (new GC31-30). Palmtop said ACQ was on.
109	273:15:40	Ground Fault Protection outlet was tripped. Couldn't reset it (probably gone bad). No power to recharge battery. Informed the owners. Performed disk swap but disk needs to be reformatted, didn't reconnect to disk to DAS. Wrapped chew holes in cord with electrical tape.
109	274:19:45	Changed batteries (new one = GC50-02)
109	294:15:59	Power failure—pressed the reset button on site. Empty disk on site.
110	320:18:28	Looks like bad charger. LED's look weak, battery=3.27 V, voltage across charger terminals = 6 V after plugging back in, but decreases with time. Installed charger SCEC 14. Note: battery wasn't warm.
		Charger not bad. Both chargers have approx. 13.5 V across terminals when not attached to battery, but only 5.5 V when attached to battery. So battery probably bad. Left SCEC 14 charger on.
111	71:22:30	Tractor present→ high noise. May trigger. 34°57'27.3" - 117°59'47.1"
111	71:22:47	Battery cable disconnected. No data. Be careful about connecting cables!! 34°56'16.3" -118°00'25.7"
111	121:17:31	SCSI communications failure. Reset DAS. Sent parameters to DAS.
111	149:17:16	Channel 5&6 are bad? 5 stomp looked clean, 6 was flat. Stop ACQ, releveled sensor restarted ACQ 149:17:46, 3 events +.
111	160:18:51	Received parameters—checked for station 6—station registered—sent params. Rechecked stomp test, still no signal on

		Ch. 6. There is some play in the sensor connection w/ DAS. Removed connection at sensor—with the monitor set on Ch. 6, I ran my finger around connector. There was no response on monitor (flat line). Changing the monitor to Ch. 5, and repeating the procedure. There is a signal registered on monitor.
111	162:19:38	Screws not in swap disk. Received params, initialized DAS, resent params, Ch. 6 OK then! Input connector 4-6 is rotated.
111	205:00:11	No disk swap today. Aaron said he saw a Black Widow spider at this site in the past.
112	294:16:54	Changed trigger ratio from 12→15.
112	71:23:10	33°53'51.9" 118°01'19.2"
112	79:02:08	May need thermos for heat.
112	113:23:21	Ch. 6 very noisy.
112	134:17:20	Ch. 6 not working—very low range, low max/min, and no response to stomp test. Realized what to do after started ACQ. Did following steps: STOP ACQ 139:17:34, received params., initiated DAS, send params, format SCSI, sensor check, reset DAS, START ACQ 1997:134:17:39, START ON, events: 1.
112	149:18:04	Stopped ACQ 149:18:15, cleared, restart 1997:149:18:21, START ON, +SCSI, 1 event.
112	211:18:17	60Hz signal here, too. Pool pump running next door.
112	231:16:14	When stopped ACQ, got an alert: SCSI device not ready—stopped ACQ. Disk spun up though for SCSI STATUS. Stomp tests looked bad, lots of high amplitude noise, but I attribute it to the running pool filter.
112	273:18:00	Releveled sensor. Bubble was found in NW quadrant of level.
113	294:17:22	ACQ START OFF at first, SCSI, then ACQ START ON.
113	72:23:40	Battery attachment off. Replaced connector. Sensor E-W probably bad. Resistance low→no Ch. 6. Potential Guralp site. 33°52'20.8" 118°02'09.4"
113	79:01:38	Power failure-bad charger. Battery 3.5 V. 0.0 V out.
113	93:22:21	Running Response tests on Ch. 6. Found signs of leakage at this site. 400-500 kΩ resistance to ground. Running calibrations on DAS 0499 (UCLA). Ch 1&3 (4&6) are both too bad to get calibrations. Swap out sensor 1201(L4) with new sensor L22 #(1595?) (UCSB).
113	190:18:31	Put ice chest over DAS.
113	273:18:42	Can't get DAS STATUS. Battery voltage fine, but there's no voltage coming out of DAS to disk. Blown fuse? Disk needs to be reformatted. Tried to reinitialize DAS to no avail.
113	282:22:03	Had fuse replaced in DAS, reloaded parameter file and restarted ACQ.
114	322:22:37	GPS not connected to DAS. .
114	77:16:30	Had to receive params., initialize DAS, resend params. Disk was full.

114	113:22:25	Ch. 6 looks noisy on stomp test.
114	176:16:23	Re-strung extension cord and GPS. House painters had moved them (unplugged for 2 days). Ch. 6 is dead.
114	205:16:15	60 cycle during noise test. Ran noise test moving cable around. Put sensor cable along brick trim. Seems to significantly improve situation. Saw low frequency noise during stomp.
114	262:17:09	Changed bags. Ch. 5 has 60 Hz signal with range of 3200. Signal disappears when sensor cable disconnected. Readjusted sensor cable.
115	322:22:55	Restarted ACQ 322:22:57. Stopped ACQ 322:22:58. Couldn't get DAS STATUS back.
115	77:17:22	Didn't clear RAM.
115	78:23:38	Ch. 6.: signal amplitude smaller by (10) or less (4.8?), gain appears too low. Resent params, initialized DAS, rechecked gains—all 32, like before. Look at data amp's.
115	93:20:33	Worked on Ch. 6 low signal problem. Seems to have been a bad contact. Nothing was switched/moved. Board reseated, problem went away.
115	113:21:55	Water inside plastic bag.
116	156:16:01	Corrosion on battery from watering lawn—need change?
116	93:19:51	Put A/C charger AC-15 on site.
116	113:21:44	Didn't bring voltmeter; power seems OK.
116	135:16:47	Too many triggers? Problem w/STOP ACQ, STOP OFF. Possibly low battery? Plugged in both charged lights on.
116	156:17:52	Noted power failure and changed battery before checklist. There's some "chew" hole in the bag. Might need replacing next time.
116	205:18:24	Day 182:16:41 last continuous event, power looks good. Probable SCSI failure at day 182. FD-05 worked fine at site.
117	262:18:25	Changed bags. Saw big Black Widow.
117	77:18:26	Couldn't dump data.
117	135:18:10	Ch. 5 stomp was a little rough.
117	156:18:26	Cleaned solar panel MSX30-10 w/ glass cleaner. Added MSX30-11 solar panel.
118	218:17:23	Tractor next to building may account for extra noise. Checked level bubble thru scope. Not perfect but bubble still inside calibration circle. _
118	77:18:02	Stomp test shows periodic noise (~1 s). Maybe not done enough to sensor to get high-amplitude test.
118	113:22:30	Last GPS lock = 3 weeks ago.
118	205:20:03	Check serial # for sensor.
	262:20:05	Replace bag.

Table 1. Geographical coordinates and elevations of instruments in the LABPSE array. North latitude and east longitude are defined as positive. Values correspond to the WGS-84 datum.

Station No.	Latitude (°N)	Longitude (°E)	Elevation (m) (WGS-84 datum)	Elevation Error (m)
101	34.1766	-117.8821	353.6	3.0
102	34.1603	-117.8920	274.3	3.0
103	34.1468	-117.9145	205.7	1.5
104	34.1035	-117.9316	140.2	1.5
105	34.0811	-117.9448	115.8	1.5
106	34.0558	-117.9500	106.7	1.5
107	34.0324	-117.9578	94.5	1.5
108	34.0035	-117.9783	128.0	1.5
109	33.9800	-117.9891	301.8	1.5
110	33.9578	-117.9952	170.7	3.0
111	33.9378	-118.0075	59.4	1.5
112	33.8982	-118.0215	35.0	1.5
113	33.8723	-118.0360	16.5	.5
114	33.8440	-118.0419	13.1	.5
115	33.8151	-118.0498	8.5	.5
116	33.7977	-118.0498	7.6	.5
117	33.7682	-118.0519	2.7	.5
118	33.7483	-118.0875	1.5	.5

Table 2. Sensor type and data format. Sample rate is in samples/s, and "Con." and "Trig" refer to continuous and triggered data streams.

Station No.	Sensor type	Sample rate Con.	Trig.	Data format	Pre-amp gain
101	L4C3D 1Hz	25	50	24-bit	1
102	L4C3D 1Hz	25	50	24-bit	1
103	L4C3D 1Hz	25	50	24-bit	1
104	L4C3D 1Hz	25	50	16-bit	32
105	L4C3D 1Hz	25	50	16-bit	32
106	L4C3D 1Hz	25	50	16-bit	32
107	L4C3D 1Hz	25	50	24-bit	1
108	L4C3D 1Hz	25	50	24-bit	1
109	L4C3D 1Hz	25	50	24-bit	1
110	L4C3D 1Hz	25	50	24-bit	1
111	L4C3D 1Hz	25	50	16-bit	32
112	L4C3D 1Hz	25	50	16-bit	32
113	L4C3D 1Hz	25	50	16-bit	32
113*	L22 2Hz	25	50	16-bit	32
113**	L4C3D 1Hz	25	50	16-bit	32
114	L4C3D 1Hz	25	50	16-bit	32
115	L4C3D 1Hz	25	50	16-bit	32
116	L22 2Hz	25	50	16-bit	32
116**	L4C3D 1Hz	25	50	16-bit	32
117	L4C3D 1Hz	25	50	24-bit	1
118	L4C3D 1Hz	25	50	24-bit	1

*Recorded with L22 sensor from 4/3/97 (Julian day 93) through 4/28/97 (Julian day 118).
**Recorded with L4C3D sensor from 4/28/97 (Julian Day 118) until end of experiment.

Table 3. Teleseismic events with magnitudes > 5.5 that occurred during the experiment. Source information is from the Preliminary Determination of Epicenters (PDE) catalog published by the USGS National Earthquake Information Center. Magnitude type is m_b, M_S, or M_w.

	Time (GMT)					Location coordinates		Depth	Magnitude
yr	mo	day	hr	min	sec	Latitude (°N)	Longitude (°E)	(km)	
97	03	07	03	04	0.08	-22.38	-175.90	33	6.0
97	03	09	11	43	43.26	-29.82	-71.15	33	6.2
97	03	11	03	13	59.40	-21.13	-178.86	552	5.7
97	03	11	05	25	57.76	-31.08	-177.73	10	6.2
97	03	11	19	21	23.01	8.13	126.35	88	5.7
97	03	11	19	22	0.13	7.74	127.65	10	6.9
97	03	13	20	41	21.53	-4.22	143.04	117	5.6
97	03	15	05	51	33.37	-59.85	149.90	10	5.9
97	03	15	11	17	34.52	-1.45	145.45	33	5.8
97	03	16	05	51	37.05	34.85	137.45	36	5.7
97	03	17	08 ·	05	48.41	-6.61	105.51	33	6.4
97	03	19	17	50	42.27	-16.61	-173.90	98	5.7
97	03	20	08	50	40.35	30.14	68.02	33	5.9
97	03	21	12	07	17.62	-31.16	179.62	448	6.3
97	03	21	22	36	12.91	-7.62	157.79	34	5.5
97	03	22	06	17	24.90	-0.97	137.07	10	5.8
97	03	23	20	48	48.88	30.98	-41.54	10	5.9
97	03	25	00	14	44.64	-33.48	-70.55	84	5.5
97	03	25	16	44	32.61	-9.06	-71.29	602	6.0
97	03	26	02	08	57.27	51.28	179.53	33	6.7
97	03	26	04	22	51.63	33.39	35.45	10	5.6
97	03	26	08	31	47.18	31.92	130.43	10	6.1
97	03	26	18	18	34.72	2.80	128.24	126	5.9
97	03	30	08	38	27.47	-16.25	-173.34	33	5.7
97	03	30	23	05	57.32	51.37	-178.09	33	5.5
97	04	01	15	11	0.49	7.77	-82.40	33	6.1
97	04	01	18	33	32.20	-18.30	-69.53	113	6.2
97	04	01	18	42	14.06	-18.35	-69.35	115	6.2
97	04	02	06	14	31.09	11.41	-60.94	45	6.2
97	04	05	12	23	30.53	-6.49	147.41	69	6.5
97	04	05	20	37	43.13	28.73	128.54	33	5.5
97	04	05	23	46	19.57	39.51	76.86	33	5.9
97	04	06	04	36	35.22	39.54	77.00	33	5.9
97	04	07	13	14	17.41	0.34	125.30	60	5.5

Table 3 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	04	08	15	14	23.30	52.06	-171.41	45	5.5
97	04	08	18	07	9.57	18.32	120.95	70	6.0
97	04	11	05	34	42.78	39.53	76.94	15	6.1
97	04	11	12	01	45.47	26.12	128.50	33	5.5
97	04	12	09	21	56.49	-28.17	-178.37	183	6.0
97	04	15	18	19	10.18	39.63	76.99	23	5.9
97	04	19	05	53	14.10	28.04	56.89	27	5.9
97	04	19	15	26	33.48	78.44	125.82	10	5.7
97	04	20	19	53	15.57	-34.04	-69.98	104	5.6
97	04	21	02	42	45.22	-0.15	124.07	50	5.7
97	04	21	12	02	26.43	-12.58	166.68	33	7.9
97	04	21	12	06	34.35	-12.88	166.46	33	6.1
97	04	21	12	11	27.86	-13.50	166.54	33	6.2
97	04	21	12	15	56.84	-13.41	166.34	33	6.0
97	04	21	12	20	50.20	-13.60	166.83	33	5.7
97	04	21	12	23	46.22	-13.67	166.46	33	5.5
97	04	21	12	28	28.22	-13.54	166.43	33	5.5
97	04	21	14	01	24.35	-7.38	125.71	432	5.9
97	04	21	21	23	53.80	-13.16	166.52	33	5.5
97	04	22	05	55	59.31	-3.37	102.14	107	5.9
97	04	22	09	31	23.25	11.11	-60.89	5	6.7
97	04	22	10	11	44.79	11.03	-60.96	5	5.6
97	04	22	16	51	53.52	-13.22	166.45	33	5.9
97	04	23	03	47	18.32	-13.60	166.39	33	6.1
97	04	23	19	44	28.42	13.99	144.90	100	6.5
97	04	25	05	37	40.19	46.15	153.11	33	5.5
97	04	25	09	11	34.65	-48.34	-10.04	10	5.8
97	04	27	00	31	32.54	-19.17	168.73	41	6.1
97	04	28	10	56	51.64	-29.64	60.82	10	5.5
97	04	28	12	07	37.83	-42.50	42.69	10	6.8
97	05	01	11	37	36.15	18.99	-107.35	33	7.1
97	05	03	16	46	2.02	-31.79	-179.38	108	6.9
97	05	08	02	53	14.73	24.89	92.25	34	6.0
97	05	08	13	29	24.60	51.72	-170.80	33	6.0
97	05	08	14	01	10.24	12.27	-87.20	59	5.6
97	05	09	09	06	37.27	13.20	144.70	29	6.0
97	05	10	07	57	29.72	33.83	59.81	10	7.5
97	05	10	18	53	52.62	-3.15	101.55	33	5.5
97	05	11	22	16	13.93	-36.38	-97.70	10	6.5
97	05	11	22	59	38.29	37.09	140.91	48	5.5
97	05	12	04	41	55.83	18.73	-107.13	33	5.6
97	05	12	13	45	26.39	10.18	121.66	33	6.1
97	05	12	15	03	3.40	18.72	-107.18	33	5.7

Table 3 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	05	13	05	38	30.23	31.82	130.28	33	6.1
97	05	13	14	13	45.74	36.41	70.94	196	6.5
97	05	15	18	01	33.26	-21.63	169.88	33	6.0
97	05	17	02	10	18.93	-27.16	-69.50	106	5.6
97	05	18	04	58	34.26	-30.43	-177.41	33	5.6
97	05	20	18	27	6.54	-59.71	150.49	10	5.6
97	05	21	14	10	26.28	-20.44	169.29	57	6.7
97	05	21	22	51	28.73	23.08	80.04	36	6.0
97	05	21	23	50	43.50	42.88	-7.19	18	5.6
97	05	22	07	50	53.52	18.68	-101.60	70	6.6
97	05	22	13	21	36.35	18.92	121.34	33	6.1
97	05	24	05	15	39.33	33.56	142.02	33	5.5
97	05	25	23	22	33.19	-32.12	179.79	332	7.1
97	05	26	10	50	11.24	-47.43	165.96	33	5.5
97	05	27	06	10	31.78	-54.92	-136.17	10	6.1
97	05	27	08	00	29.05	-15.21	-173.33	14	6.4
97	05	27	15	09	3.76	16.33	145.44	536	5.6
97	05	29	17	02	38.74	-35.96	-102.51	10	6.5
97	06	01	15	02	38.67	26.98	129.54	33	5.5
97	06	02	21	24	38.43	-57.78	-25.47	33	6.1
97	06	09	07	24	12.39	-21.33	171.54	33	6.0
97	06	10	21	53	55.02	-35.81	-108.14	10	6.5
97	06	11	09	29	23.44	-23.97	-177.51	164	5.9
97	06	11	11	53	32.73	-17.81	-178.84	572	5.5
97	06	12	12	07	33.60	-5.95	147.03	33	6.0
97	06	17	21	03	40.26	51.35	-179.33	33	6.6
97	06	17	22	14	17.37	-27.74	-64.75	28	5.6
97	06	20	12	57	32.36	32.33	59.96	10	5.5
97	06	24	16	17	9.43	-20.70	174.18	33	5.9
97	06	24	23	04	53.14	-1.92	127.90	33	6.4
97	06	25	09	50	12.49	34.40	131.60	10	5.9
97	06	25	19	38	40.64	33.94	59.47	10	6.0
97	06	26	19	21	8.83	-49.69	-114.57	10	6.2
97	06	27	04	39	52.72	38.33	-26.68	10	5.9
97	06	29	20	02	53.85	-6.92	129.73	100	5.6
97	06	30	15	47	39.50	19.36	-155.07	7	5.6
97	07	04	09	54	2.70	-58.06	-11.18	10	5.5
97	07	05	22	46	41.01	-11.55	164.80	33	5.5
97	07	06	09	54	0.76	-30.06	-71.87	19	6.8
97	07	06	20	13	37.03	16.16	-87.92	33	6.0
97	07	07	11	24	37.71	1.07	97.60	28	5.9
97	07	08	02	24	7.32	23.80	142.70	33	5.9
97	07	08	12	11	0.15	51.37	-178.58	33	5.8

Table 3 (continued)

	Time (GMT)					Location coordinates		Depth	Magnitude
97	07	09	19	24	13.17	10.60	-63.49	19	7.0
97	07	10	14	53	11.52	-11.26	118.00	33	5.5
97	07	11	09	55	12.58	-5.70	110.80	574	5.6
97	07	14	16	09	35.52	43.25	146.38	33	6.1
97	07	15	11	05	31.34	24.71	122.45	102	5.6
97	07	19	12	22	57.31	-29.28	-71.68	26	5.9
97	07	19	14	22	8.75	16.33	-98.22	33	6.8
97	07	19	16	10	16.51	-22.96	169.86	33	5.7
97	07	20	00	30	20.99	52.56	-167.48	14	6.2
97	07	20	10	14	22.80	-22.98	-66.30	256	6.1
97	07	21	23	19	39.35	-30.33	-71.92	33	6.1
97	07	22	10	16	54.27	-6.23	154.68	50	5.6
97	07	25	06	47	2.67	-30.46	-71.91	33	6.3
97	07	27	05	21	29.27	-30.52	-71.86	33	6.3
97	07	27	10	07	52.55	35.58	21.06	33	5.6
97	07	28	06	46	55.70	22.36	142.73	33	5.9
97	07	31	15	59	37.03	23.89	93.16	33	5.5
97	07	31	21	54	21.50	-6.64	130.92	58	6.1
97	08	04	07	06	54.30	-6.26	130.14	109	5.5
97	08	04	18	53	58.94	-15.16	-175.27	33	6.1
97	08	08	22	27	19.85	-15.48	-179.14	10	6.6
97	08	10	09	20	30.98	-16.01	124.33	10	6.3
97	08	13	04	45	4.86	25.03	125.77	55	6.1
97	08	15	07	37	49.08	-4.37	-105.70	10	6.2
97	08	17	04	53	43.90	-8.47	120.55	73	5.6
97	08	17	20	11	10.79	-13.59	167.39	25	6.1
97	08	20	07	15	15.97	4.36	96.49	33	6.1
97	08	20	13	51	16.62	-41.72	80.13	10	6.5
97	08	25	11	59	0.80	-20.80	-177.78	394	5.5
97	08	26	15	22	9.17	-25.51	178.33	609	5.7
97	08	27	13	42	52.73	-6.01	148.57	33	6.0
97	08	29	06	54	0.24	-15.23	-175.58	33	6.5
97	08	29	08	14	9.97	-3.56	144.36	22	6.8
97	09	02	12	13	22.92	3.85	-75.75	198	6.8
97	09	03	06	22	44.28	-55.19	-128.99	10	6.1
97	09	04	04	23	37.03	-26.57	_178.34	624	6.8
97	09	05	10	31	34.94	44.62	150.01	33	5.6
97	09	07	10	15	24.93	30.04	67.79	33	5.5
97	09	07	12	57	6.74	-6.02	154.46	421	5.8
97	09	10	12	57	7.07	-21.35	-174.39	10	6.1
97	09	10	22	29	26.77	-52.90	19.72	10	5.8
97	09	12	14	09	0.03	-63.12	-164.32	10	5.8
97	09	15	13	05	42.70	8.10	126.64	50	6.1

Table 3 (continued)

	Time (GMT)					Location coordinates		Depth	Magnitude
97	09	17	14	50	35.34	2.11	126.60	33	6.2
97	09	20	16	11	32.15	-28.68	-177.62	30	7.2
97	09	20	18	11	1.31	-28.90	-177.65	74	5.6
97	09	21	18	13	22.78	-7.36	30.37	10	6.2
97	09	23	17	51	23.48	-65.53	178.81	10	5.9
97	09	25	14	20	48.93	-13.76	66.25	10	6.0
97	09	25	23	26	53.35	-27.09	-176.78	41	5.5
97	09	26	00	33	12.25	43.05	12.88	10	5.9
97	09	26	09	40	26.33	43.08	12.81	10	6.4
97	09	26	15	48	34.27	-5.39	128.99	253	6.0
97	09	28	01	38	28.61	-3.78	119.73	33	5.9
97	09	28	23	13	13.94	-22.41	-68.45	106	5.7
97	09	30	06	27	24.78	31.96	141.88	10	6.5
97	10	01	06	05	48.33	46.22	136.09	416	5.5
97	10	03	08	55	21.58	43.08	12.79	10	5.5
97	10	04	10	57	34.01	41.05	-125.36	7	5.6
97	10	04	15	29	46.28	15.92	-46.65	10	5.5
97	10	04	15	34	29.68	16.01	-46.75	10	5.7
97	10	05	03	29	0.97	45.51	151.07	71	5.5
97	10	05	18	04	0.30	-59.74	-29.20	273	6.3
97	10	05	19	00	2.38	5.68	125.45	223	5.8
97	10	06	03	08	14.55	10.16	126.10	65	5.5
97	10	06	12	30	5.82	9.79	125.78	105	6.5
97	10	06	20	52	44.61	-9.30	158.69	33	6.1
97	10	06	23	24	52.58	43.04	12.84	10	5.7
97	10	07	13	15	53.31	-31.84	-178.32	33	5.6
97	10	08	10	47	49.92	-29.25	178.35	617	5.7
97	10	08	21	20	59.78	41.91	144.82	33	5.9
97	10	10	18	45	52.40	-9.32	158.73	33	6.0
97	10	11	18	24	23.86	25.03	122.45	143	5.5
97	10	13	13	39	37.49	36.38	22.07	24	6.7
97	10	14	09	53	18.15	-22.10	-176.77	167	7.7
97	10	14	15	23	10.21	42.96	12.89	10	5.7
97	10	15	01	03	33.46	-30.93	-71.22	58	7.3
97	10	15	02	54	20.85	-16.12	-73.59	56	5.7
97	10	15	03	11	9.02	51.43	-177.88	22	6.3
97	10	15	04	28	47.08	-30.81	-71.25	47	5.5
97	10	17	09	55	15.25	-57.54	147.97	10	6.2
97	10	17	15	02	0.46	-20.89	-178.84	578	6.0
97	10	18	02	40	4.63	-0.89	124.07	35	5.5
97	10	19	15	53	38.91	-21.80	-175.01	33	5.9
97	10	20	06	09	4.26	28.50	57.28	33	5.6
97	10	22	09	55	47.70	44.78	146.19	152	5.6

Table 3 (continued)

	Time (GMT)					Location coordinates		Depth	Magnitude
97	10	23	01	16	1.60	-8.68	117.03	160	5.5
97	10	26	08	43	30.50	7.16	127.46	33	5.6
97	10	26	13	55	33.60	-54.03	-132.18	10	5.6
97	10	28	06	15	19.20	-4.34	-76.71	130	6.5
97	10	29	04	55	58.70	-6.34	104.09	45	5.5
97	11	03	19	17	33.80	-30.79	-71.12	47	6.2
97	11	03	19	17	57.50	-6.70	129.08	200	5.6
97	11	03	20	12	51.60	-30.84	-71.21	45	5.6
97	11	05	10	27	0.53	38.28	23.46	33	5.8
97	11	05	21	10	26.60	38.42	22.40	10	5.6
97	11	05	23	45	33.90	27.91	142.54	33	5.5
97	11	08	10	02	52.60	35.11	87.32	33	7.9
97	11	09	22	56	44.80	13.85	-88.85	196	5.5
97	11	10	12	47	0.34	0.08	-16.91	10	5.6
97	11	10	23	06	44.10	31.16	140.50	86	5.8
97	11	13	05	33	54.80	-6.32	154.84	33	5.7
97	11	14	21	38	54.10	38.85	25.74	33	5.8
97	11	15	07	05	16.60	43.83	145.03	161	5.8
97	11	15	18	59	24.30	-15.12	167.35	123	6.4
97	11	16	08	18	16.40	-4.91	103.31	58	5.5
97	11	18	13	07	42.50	37.62	20.64	33	6.4
97	11	18	15	41	29.60	-29.02	-177.58	52	5.8
97	11	19	01	32	0.90	36.11	23.20	33	5.5
97	11	21	11	23	6.50	22.23	92.74	56	6.0

Table 4. Regional events that occurred during the experiment. Source information is from the Southern California Earthquake Center Data Center event catalog.

Time (GMT)						Location coordinates		Depth (km)	Magnitude
yr	mo	day	hr	min	sec	latitude (°N)	Longitude (°E)		
97	03	11	06	30	16.30	37.71	-122.57	5.0	3.6
97	03	11	06	33	53.40	37.71	-122.57	5.0	3.6
97	03	22	11	31	49.20	36.84	-121.41	10.0	3.8
97	03	22	13	37	50.70	36.83	-121.41	9.0	2.8
97	03	24	19	54	33.90	38.85	-119.64	5.0	3.3
97	03	27	15	39	49.00	38.15	-121.95	21.0	3.5
97	03	31	07	34	48.90	35.53	-111.99	5.0	3.7
97	04	07	08	56	15.70	36.69	-121.31	5.0	2.7
97	04	16	16	41	3.50	36.88	-121.61	8.0	3.3
97	04	21	21	20	20.60	36.58	-121.17	6.0	2.5
97	04	26	01	49	35.20	37.16	-115.94	5.0	4.3
97	05	12	23·	09	42.50	40.30	-122.08	11.0	3.1
97	05	14	10	27	58.50	36.45	-121.06	5.0	2.8
97	05	21	18	15	55.10	36.77	-121.28	8.0	2.8
97	05	29	10	21	6.80	37.12	-121.52	8.0	3.4
97	05	29	18	28	44.00	37.12	-121.52	8.0	3.4
97	08	21	16	36	50.90	38.58	-118.52	6.0	2.9

Table 5. Local events with $M_L \geq 2.0$ that occurred during LABPSE. Source information is from the Southern California Earthquake Center Data Center event catalog.

	Time (GMT)					Location coordinates		Depth	Magnitude
yr	mo	day	hr	min	sec	latitude (°N)	longitude (°E)	(km)	
97	03	06	07	41	41.30	36.08	-117.65	2.6	2.2
97	03	06	09	47	2.60	34.37	-116.47	2.7	2.0
97	03	06	11	21	5.80	33.97	-116.77	17.2	2.2
97	03	06	11	47	43.00	36.10	-117.66	0.7	2.0
97	03	06	19	42	28.80	33.79	-118.64	6.0	2.0
97	03	06	20	53	31.70	33.27	-116.01	3.7	2.5
97	03	07	04	29	59.60	36.10	-117.67	1.1	2.0
97	03	07	20	35	55.20	33.06	-116.47	13.2	2.2
97	03	08	00	44	17.60	34.00	-117.58	2.7	3.0
97	03	08	03	04	49.40	34.00	-117.58	3.7	2.3
97	03	08	06	15	16.60	32.10	-115.84	6.0	2.2
97	03	08	15	36	23.20	36.10	-117.66	2.9	2.0
97	03	08	15	36	51.90	36.09	-117.66	1.1	3.6
97	03	08	19	18	5.40	36.08	-117.65	2.6	2.1
97	03	09	11	07	56.40	36.09	-117.66	1.4	2.3
97	03	09	11	43	15.50	35.49	-118.29	3.8	2.0
97	03	09	13	37	4.20	35.76	-117.64	1.3	2.0
97	03	09	13	42	13.40	32.11	-114.94	6.0	2.0
97	03	09	14	07	30.70	32.05	-114.92	6.0	2.1
97	03	09	15	27	44.80	36.08	-117.63	1.4	2.4
97	03	09	20	18	15.40	36.10	-117.66	1.6	2.3
97	03	09	21	56	53.10	33.97	-117.06	7.4	2.3
97	03	10	00	05	24.30	36.09	-117.67	2.7	2.0
97	03	10	07	08	40.30	36.10	-117.67	2.7	2.0
97	03	10	08	54	35.00	34.01	-117.23	16.9	2.2
97	03	10	09	52	21.20	32.61	-117.29	6.0	2.0
97	03	11	03	29	50.00	35.07	-119.11	16.5	2.1
97	03	11	03	30	37.50	35.08	-119.12	17.7	2.0
97	03	11	04	16	8.40	31.55	-115.78	6.0	3.0
97	03	11	07	03	42.10	37.38	-118.58	6.0	3.1
97	03	11	07	19	14.60	31.70	-115.67	6.0	2.0
97	03	11	10	22	18.50	32.63	-115.91	5.8	2.3
97	03	11	13	47	2.00	34.22	-117.42	13.3	2.4
97	03	11	18	28	33.50	34.38	-116.46	3.3	2.1
97	03	11	21	12	17.30	35.78	-117.65	6.0	2.1
97	03	12	11	47	45.20	35.48	-120.78	6.0	2.1
97	03	12	17	45	40.20	32.91	-115.53	14.3	2.0
97	03	13	00	59	52.60	34.37	-116.46	3.8	2.2
97	03	13	04	35	4.00	34.23	-118.95	12.9	2.0
97	03	13	06	39	11.00	36.10	-117.66	2.7	2.1
97	03	13	10	59	58.50	32.90	-115.53	14.2	2.3
97	03	13	12	47	54.20	33.74	-116.04	6.0	2.1

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	03	13	18	53	3.30	34.62	-116.66	7.2	2.2
97	03	13	20	42	17.60	37.55	-118.70	6.0	2.5
97	03	13	22	02	12.70	33.96	-116.36	5.8	2.0
97	03	14	00	45	43.50	36.04	-117.66	1.2	2.6
97	03	14	09	32	51.40	35.10	-119.11	9.6	2.3
97	03	14	17	37	4.10	32.94	-116.34	8.3	2.3
97	03	14	18	27	33.60	36.30	-120.11	6.0	2.4
97	03	14	18	43	1.60	37.03	-118.39	6.0	2.8
97	03	15	02	06	30.90	34.03	-116.36	0.6	2.4
97	03	15	02	54	1.10	32.22	-115.80	6.0	2.4
97	03	15	06	25	36.60	34.32	-118.59	11.4	2.3
97	03	15	07	17	18.10	32.38	-115.16	6.0	2.2
97	03	15	19	19	10.40	37.43	-118.56	6.0	2.5
97	03	16	03	01	9.30	36.09	-117.67	1.1	2.4
97	03	16	05	50	18.90	33.71	-116.76	15.1	2.1
97	03	17	01	26	5.30	33.33	-116.41	0.1	2.1
97	03	17	01	30	41.50	34.25	-118.45	11.1	2.0
97	03	17	02	56	57.20	35.09	-119.11	9.6	2.4
97	03	17	16	36	55.80	35.00	-118.91	17.7	2.0
97	03	17	20	11	35.80	36.58	-117.99	6.0	2.0
97	03	18	06	56	21.70	34.38	-116.46	2.5	2.0
97	03	18	08	33	15.60	36.12	-118.05	0.0	2.1
97	03	18	08	59	0.90	36.03	-119.69	6.0	2.5
97	03	18	09	47	40.40	34.97	-116.82	1.1	3.1
97	03	18	13	23	28.10	33.02	-116.02	6.1	2.0
97	03	18	15	07	32.60	34.97	-116.83	2.4	2.0
97	03	18	15	24	47.70	34.97	-116.82	1.6	5.3
97	03	18	15	27	10.70	34.97	-116.83	0.0	2.7
97	03	18	15	37	26.00	34.96	-116.83	3.2	2.3
97	03	18	15	39	38.60	34.97	-116.82	0.0	2.6
97	03	18	15	40	42.80	34.96	-116.84	2.1	2.3
97	03	18	16	19	23.10	34.97	-116.83	1.0	3.9
97	03	18	16	40	14.60	34.97	-116.82	0.0	3.5
97	03	18	17	03	9.10	34.97	-116.82	2.3	2.1
97	03	18	17	20	0.80	34.97	-116.82	0.0	2.1
97	03	18	17	35	15.50	34.97	-116.83	2.7	2.1
97	03	18	17	50	6.50	34.97	-116.82	0.0	2.5
97	03	18	17	50	52.60	34.98	-116.83	2.5	2.0
97	03	18	18	18	41.50	34.97	-116.83	0.0	2.2
97	03	18	18	22	1.30	34.97	-116.82	2.3	2.3
97	03	18	18	26	57.80	34.97	-116.82	3.8	2.0
97	03	18	21	09	9.60	34.98	-116.83	2.7	2.3
97	03	18	21	09	22.40	33.52	-118.32	0.0	2.5
97	03	18	21	28	54.20	34.97	-116.83	0.5	3.1
97	03	18	23	25	3.40	34.97	-116.83	2.9	2.2
97	03	19	00	44	29.00	34.97	-116.83	2.7	2.2
97	03	19	01	17	23.30	34.96	-116.85	0.0	2.1
97	03	19	01	55	31.10	34.97	-116.82	2.3	2.5
97	03	19	03	53	6.00	34.97	-116.83	3.3	2.1
97	03	19	04	45	19.00	34.97	-116.82	0.0	3.4
97	03	19	04	59	31.20	32.08	-117.51	6.0	2.5

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	03	19	05	44	37.70	33.52	-118.31	0.0	2.1
97	03	19	13	08	14.10	34.31	-116.47	5.5	2.6
97	03	19	20	29	6.70	32.45	-115.79	1.1	2.1
97	03	19	22	34	54.00	34.96	-116.83	0.1	2.0
97	03	20	03	08	21.70	36.76	-118.58	6.0	2.5
97	03	20	07	36	46.00	37.62	-117.39	6.0	2.5
97	03	20	10	57	1.60	31.60	-116.44	6.0	2.5
97	03	20	16	32	24.30	34.23	-118.52	13.9	2.5
97	03	20	18	12	36.50	33.81	-116.97	13.0	3.2
97	03	20	18	37	20.50	34.02	-117.17	15.2	2.2
97	03	20	22	59	12.90	33.18	-118.36	6.0	2.2
97	03	20	23	29	38.50	34.97	-116.82	0.0	2.1
97	03	21	04	06	56.20	34.97	-116.83	2.4	2.5
97	03	21	05	47	59.20	34.97	-116.82	2.6	2.0
97	03	21	06	22	37.20	34.46	-120.79	6.0	2.2
97	03	21	09	50	42.30	32.14	-117.61	6.0	2.2
97	03	21	11	20	22.60	35.72	-117.68	9.1	2.1
97	03	21	11	30	20.60	34.22	-118.44	12.1	2.3
97	03	21	13	14	41.50	37.51	-118.81	6.0	2.3
97	03	21	14	23	33.70	34.97	-116.82	3.5	2.2
97	03	21	20	27	8.40	32.10	-117.47	6.0	2.5
97	03	21	23	03	41.00	36.10	-117.66	2.5	2.5
97	03	22	00	53	33.90	34.97	-116.82	0.0	2.8
97	03	22	05	49	57.60	36.10	-117.66	1.5	2.2
97	03	22	06	18	42.80	33.48	-116.46	6.0	2.2
97	03	22	08	03	8.10	31.94	-115.78	6.0	2.3
97	03	22	17	31	58.20	33.52	-116.52	6.0	2.0
97	03	22	19	20	45.50	37.57	-118.91	0.0	2.5
97	03	22	21	12	1.80	32.62	-115.91	5.4	2.1
97	03	23	08	13	10.50	34.28	-118.71	25.6	2.1
97	03	23	20	27	21.30	34.50	-116.52	4.9	2.2
97	03	24	02	11	9.30	35.94	-117.23	6.0	2.7
97	03	24	03	16	21.60	35.79	-117.63	5.4	2.0
97	03	24	05	07	4.10	37.50	-118.83	6.0	2.4
97	03	24	06	05	43.50	31.92	-115.79	6.0	2.0
97	03	24	08	24	25.50	36.85	-117.42	6.0	2.3
97	03	24	12	48	23.10	31.96	-116.79	6.0	2.0
97	03	24	14	20	46.10	34.09	-116.71	4.7	2.0
97	03	25	02	21	44.90	34.02	-116.32	7.6	2.2
97	03	25	05	30	26.90	34.05	-117.26	12.0	2.1
97	03	25	07	15	5.40	33.87	-119.39	6.0	2.3
97	03	25	09	41	39.60	32.71	-117.94	6.0	2.5
97	03	25	10	59	11.10	31.58	-115.64	6.0	2.0
97	03	25	21	45	32.70	34.94	-116.75	6.0	2.1
97	03	25	23	50	14.50	36.26	-120.39	6.0	2.2
97	03	26	04	02	35.40	37.39	-118.61	6.0	3.0
97	03	26	04	41	5.20	37.34	-118.65	0.0	2.4
97	03	26	10	38	58.30	32.37	-115.34	6.0	2.4
97	03	26	17	17	6.40	34.16	-116.43	8.2	2.0
97	03	27	10	36	58.30	34.36	-116.46	7.3	2.1
97	03	27	14	40	43.70	36.06	-117.64	1.9	2.6

Table 5 (continued)

	Time (GMT)					Location coordinates		Depth	Magnitude
97	03	27	20	56	50.50	34.42	-117.04	1.1	2.2
97	03	27	23	39	36.90	35.24	-119.43	27.1	2.2
97	03	28	08	02	38.60	31.87	-116.18	6.0	2.4
97	03	28	09	16	45.30	33.96	-116.32	4.3	2.1
97	03	28	18	29	27.00	36.10	-117.66	2.8	2.3
97	03	28	20	28	14.40	35.58	-116.62	6.0	2.1
97	03	28	21	55	41.80	33.15	-116.01	8.0	2.1
97	03	29	09	44	26.60	32.17	-116.52	6.0	2.2
97	03	29	09	46	1.30	38.79	-119.72	6.0	2.9
97	03	29	20	50	48.20	31.76	-116.76	6.0	2.0
97	03	29	20	51	30.70	31.75	-116.91	6.0	2.0
97	03	30	00	15	38.10	31.73	-116.75	6.0	2.5
97	03	30	03	20	54.60	36.09	-117.66	1.3	2.4
97	03	30	03	44	59.20	34.16	-116.42	1.6	2.5
97	03	30	07	50	25.30	33.99	-116.27	5.3	2.2
97	03	30	08	24	3.30	33.14	-118.67	9.4	3.4
97	03	30	10	14	23.20	32.18	-116.09	6.0	2.1
97	03	30	13	49	14.10	34.97	-116.82	2.3	2.2
97	03	30	19	51	10.60	33.43	-116.46	6.5	2.1
97	03	30	20	15	13.50	34.24	-117.06	2.6	2.1
97	03	31	01	11	55.80	33.10	-117.94	6.0	2.4
97	03	31	07	22	53.70	33.50	-116.51	1.4	2.8
97	03	31	07	23	34.20	33.50	-116.50	3.2	2.2
97	03	31	14	29	1.20	34.97	-116.82	2.4	2.1
97	03	31	18	25	42.80	36.08	-117.67	1.6	2.3
97	04	01	03	56	44.40	35.04	-116.96	3.0	2.0
97	04	01	06	27	57.10	34.43	-119.48	14.9	2.0
97	04	01	12	57	24.10	34.97	-116.82	2.4	2.4
97	04	01	17	00	21.80	37.62	-118.89	6.0	2.7
97	04	01	18	03	54.50	33.04	-116.50	3.1	3.0
97	04	02	03	25	19.50	37.62	-118.89	6.0	3.0
97	04	02	10	06	18.40	37.56	-118.87	6.0	2.2
97	04	02	10	53	8.20	33.51	-116.47	1.0	2.3
97	04	02	21	07	45.50	35.64	-117.50	4.2	2.6
97	04	02	22	47	20.10	32.20	-115.79	6.0	2.8
97	04	03	01	13	57.30	37.65	-118.86	6.0	2.6
97	04	03	05	58	9.50	32.35	-115.12	6.0	2.2
97	04	03	07	30	42.80	34.44	-120.72	0.0	3.0
97	04	03	08	06	6.80	32.36	-115.12	6.0	2.5
97	04	03	16	33	17.90	32.37	-115.11	6.0	2.2
97	04	03	17	32	6.00	34.85	-118.97	13.9	2.2
97	04	03	17	48	25.10	36.06	-118.82	6.0	2.0
97	04	03	21	49	17.00	32.70	-115.40	16.9	2.3
97	04	04	03	03	16.20	34.38	-116.47	0.2	2.0
97	04	04	03	59	39.00	33.10	-117.94	6.0	2.1
97	04	04	04	05	26.10	32.24	-115.65	6.0	2.1
97	04	04	09	26	24.50	33.98	-118.35	4.2	3.4
97	04	04	09	33	46.30	34.38	-116.47	0.6	2.0
97	04	04	09	35	9.50	33.99	-118.36	4.5	2.4
97	04	04	10	24	53.30	36.10	-117.66	0.0	2.1
97	04	04	16	20	28.20	35.54	-118.31	3.9	2.1

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	04	04	17	33	2.30	36.07	-117.64	2.0	2.1
97	04	04	21	58	3.90	32.99	-117.78	6.0	2.1
97	04	04	23	36	43.20	37.62	-118.70	6.0	2.2
97	04	05	02	55	18.30	35.44	-118.76	12.9	2.1
97	04	05	03	12	23.80	33.10	-117.93	6.0	2.5
97	04	05	05	58	7.80	34.33	-119.36	0.7	2.7
97	04	05	13	51	18.10	32.95	-115.75	8.0	2.6
97	04	05	14	21	10.20	33.03	-117.82	6.0	2.1
97	04	05	14	33	25.30	33.99	-118.36	4.1	2.5
97	04	05	16	56	8.30	31.95	-115.79	6.0	2.2
97	04	05	22	09	53.90	31.74	-116.01	6.0	2.4
97	04	06	11	41	11.50	33.42	-116.95	11.6	3.1
97	04	06	12	53	42.40	32.36	-118.25	6.0	2.1
97	04	07	04	46	55.40	36.50	-120.61	6.0	2.6
97	04	07	05	39	29.00	36.10	-117.66	0.7	2.1
97	04	07	06	56	23.90	36.10	-117.66	2.1	2.0
97	04	07	07	12	57.80	34.05	-117.26	14.3	2.7
97	04	07	17	42	56.00	31.84	-115.81	6.0	2.0
97	04	07	18	18	4.60	31.73	-115.89	6.0	2.2
97	04	07	22	30	50.60	36.09	-117.66	1.5	2.1
97	04	08	04	15	30.90	37.60	-118.91	6.0	2.4
97	04	08	07	11	24.20	35.36	-118.62	3.4	2.0
97	04	08	10	01	26.90	35.03	-118.96	9.5	2.2
97	04	08	11	17	2.70	34.18	-116.44	5.4	2.2
97	04	08	20	33	19.50	34.36	-118.65	11.3	2.0
97	04	08	22	33	46.50	36.07	-117.85	2.8	2.2
97	04	09	02	51	45.20	36.21	-120.10	6.0	2.5
97	04	09	04	16	55.00	33.47	-116.45	0.5	2.5
97	04	09	14	16	39.20	37.59	-118.85	13.8	2.4
97	04	10	06	01	26.20	35.04	-116.97	0.0	2.3
97	04	10	06	33	28.10	37.55	-118.86	6.0	2.0
97	04	10	09	58	29.10	34.97	-116.81	0.0	2.1
97	04	10	11	09	24.30	36.07	-117.90	2.2	2.2
97	04	10	12	42	47.40	37.60	-118.90	6.0	2.8
97	04	10	13	57	31.60	36.14	-120.10	6.0	2.5
97	04	10	14	29	55.80	36.07	-117.90	2.6	2.2
97	04	10	19	43	41.80	37.60	-118.91	6.0	2.8
97	04	11	06	39	54.50	37.62	-118.90	6.0	2.4
97	04	11	11	07	45.80	36.01	-117.80	1.8	2.5
97	04	11	12	53	56.00	37.50	-118.81	6.0	2.2
97	04	11	14	28	54.70	34.62	-116.64	5.1	2.8
97	04	11	19	15	47.60	37.60	-118.90	6.2	2.8
97	04	12	10	56	43.20	31.95	-115.75	6.0	2.2
97	04	12	17	36	11.20	36.07	-117.65	1.2	2.4
97	04	13	06	04	40.90	34.62	-121.59	6.0	2.5
97	04	13	11	19	32.40	37.47	-118.82	6.0	2.1
97	04	13	15	58	38.00	37.40	-118.45	6.0	2.2
97	04	13	18	23	9.60	35.91	-118.34	0.8	2.3
97	04	13	20	20	49.70	33.76	-116.13	6.0	2.4
97	04	13	22	19	41.90	36.01	-117.71	3.0	2.0
97	04	14	00	07	13.90	36.01	-117.71	1.8	2.3

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	04	14	08	57	23.30	38.06	-118.73	6.0	2.6
97	04	14	09	24	50.00	31.93	-115.80	6.0	2.8
97	04	14	11	20	54.50	38.06	-118.73	6.0	4.3
97	04	14	11	50	6.30	31.93	-115.76	6.0	2.1
97	04	14	22	11	48.00	33.07	-116.44	11.9	2.9
97	04	14	22	24	48.90	32.34	-115.12	6.0	2.0
97	04	14	23	05	23.80	36.08	-120.64	2.2	2.6
97	04	14	23	54	58.60	36.06	-120.64	6.0	3.0
97	04	15	05	56	3.30	32.63	-115.91	5.4	2.4
97	04	15	17	07	54.30	34.97	-116.82	0.0	2.2
97	04	15	19	04	4.80	36.08	-117.62	1.9	2.3
97	04	15	19	17	32.00	33.19	-115.61	4.7	2.3
97	04	16	03	26	41.10	31.93	-115.81	6.0	3.0
97	04	16	04	49	35.60	31.95	-115.76	6.0	2.2
97	04	16	05	25	45.40	32.30	-115.25	6.0	2.0
97	04	16	09	11	53.90	31.94	-115.78	6.0	2.1
97	04	16	10	40	35.80	34.36	-116.46	3.3	2.8
97	04	16	11	49	7.70	35.34	-118.99	6.0	2.1
97	04	16	15	03	59.00	32.22	-115.77	6.0	2.4
97	04	16	16	42	3.20	36.08	-117.90	2.0	2.9
97	04	16	17	20	49.40	36.08	-117.90	1.8	2.5
97	04	17	11	54	43.50	37.41	-118.64	6.0	2.7
97	04	17	12	40	29.70	36.05	-117.96	2.3	2.2
97	04	18	04 .	04	37.20	34.62	-116.58	9.3	2.0
97	04	18	04	06	58.00	32.72	-117.42	6.0	2.3
97	04	18	05	25	36.60	37.56	-118.86	6.0	2.5
97	04	18	05	49	13.00	34.97	-116.82	2.4	2.0
97	04	18	06	30	1.60	37.56	-118.87	6.0	2.3
97	04	18	11	29	23.20	34.05	-117.55	5.4	2.2
97	04	18	23	03	33.60	36.10	-117.66	1.1	2.3
97	04	19	12	44	53.10	36.10	-119.98	6.0	2.8
97	04	19	12	45	50.50	36.10	-119.95	6.0	2.5
97	04	19	22	15	50.40	34.18	-116.44	5.4	2.1
97	04	20	01	00	19.20	37.54	-118.87	6.0	2.2
97	04	20	08	39	22.60	34.03	-116.94	14.3	2.2
97	04	20	13	30	21.70	36.33	-118.09	6.0	2.1
97	04	20	13	53	8.00	34.39	-119.53	15.2	2.0
97	04	20	15	16	20.70	33.16	-115.65	4.6	2.2
97	04	20	20	31	43.20	36.06	-117.90	3.0	2.0
97	04	20	23	11	19.00	35.62	-116.90	0.0	2.9
97	04	21	01	36	39.70	34.97	-116.81	0.3	2.2
97	04	21	04	29	31.50	31.86	-116.14	6.0	2.2
97	04	21	06	54	38.80	34.19	-116.82	9.8	2.5
97	04	21	07	38	47.00	34.97	-116.81	0.8	3.5
97	04	21	09	32	15.80	36.04	-119.81	6.0	2.3
97	04	21	13	15	14.10	34.01	-116.80	17.2	2.2
97	04	21	15	55	58.40	34.29	-118.69	11.9	2.8
97	04	21	17	43	43.90	37.57	-118.86	6.0	2.5
97	04	21	19	37	58.30	34.98	-116.82	2.6	3.0
97	04	22	00	57	13.40	33.84	-117.06	12.9	2.4
97	04	22	05	54	3.30	36.07	-117.64	2.6	2.1

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	04	22	11	18	16.10	37.00	-121.36	6.0	2.8
97	04	22	12	47	27.70	32.42	-115.40	6.0	2.2
97	04	22	12	48	3.00	32.42	-115.40	6.0	2.6
97	04	22	15	14	4.20	32.92	-116.83	14.1	2.0
97	04	22	16	31	54.00	37.29	-118.67	6.0	2.1
97	04	22	23	35	6.30	37.60	-119.36	6.0	2.4
97	04	23	01	07	16.40	34.98	-116.82	2.7	2.2
97	04	23	04	58	12.80	32.23	-115.78	6.0	2.1
97	04	23	05	42	39.70	32.89	-116.23	7.2	2.3
97	04	23	06	39	53.10	32.20	-115.79	6.0	2.0
97	04	24	02	06	48.10	36.05	-117.66	1.8	2.7
97	04	24	03	44	37.30	36.21	-118.06	2.6	2.6
97	04	24	12	32	22.20	34.03	-118.89	11.3	2.6
97	04	24	12	32	43.90	37.58	-119.37	6.0	2.9
97	04	24	23	52	51.60	31.98	-115.81	6.0	2.4
97	04	25	01	15	40.10	36.05	-117.66	3.0	2.0
97	04	25	07	00	31.80	35.80	-117.64	5.3	2.4
97	04	25	07	54	54.30	35.80	-117.64	5.5	2.5
97	04	25	18	56	56.00	34.97	-116.81	0.1	2.4
97	04	25	19	26	0.40	34.97	-116.81	0.2	2.9
97	04	25	20	40	41.80	32.97	-116.01	6.0	2.5
97	04	26	01	38	50.20	32.06	-114.52	6.0	2.1
97	04	26	06	48	48.20	35.74	-117.63	8.2	2.4
97	04	26	10	37	30.70	34.37	-118.67	16.5	5.1
97	04	26	10	40	29.80	34.38	-118.67	14.6	4.0
97	04	26	10	47	16.20	34.37	-118.66	16.8	2.5
97	04	26	10	53	42.10	34.37	-118.65	17.0	2.2
97	04	26	10	54	30.80	34.38	-118.65	15.1	3.1
97	04	26	10	57	55.90	34.38	-118.64	14.3	2.6
97	04	26	10	58	3.90	34.37	-118.63	13.2	2.4
97	04	26	11	08	55.50	34.38	-118.65	14.0	3.0
97	04	26	11	10	4.60	34.37	-118.65	14.8	3.0
97	04	26	11	10	20.60	34.37	-118.65	19.0	2.6
97	04	26	11	16	18.50	34.38	-118.64	14.0	2.6
97	04	26	11	33	37.90	34.38	-118.64	14.0	3.1
97	04	26	11	55	47.50	34.37	-118.67	15.2	3.8
97	04	26	12	01	56.50	34.37	-118.65	16.2	2.2
97	04	26	12	21	24.50	34.38	-118.66	14.6	2.5
97	04	26	12	29	27.20	34.37	-118.66	14.7	2.0
97	04	26	12	31	13.20	34.38	-118.65	14.6	2.5
97	04	26	13	02	38.50	34.36	-118.66	15.2	2.2
97	04	26	13	08	59.50	34.37	-118.65	17.1	2.2
97	04	26	14	31	34.20	34.38	-118.65	13.8	3.0
97	04	26	14	35	36.10	32.12	-115.74	6.0	2.1
97	04	26	14	41	41.50	32.01	-115.73	6.0	2.3
97	04	26	15	51	11.10	34.37	-118.65	15.4	2.1
97	04	26	16	13	42.80	34.37	-118.68	17.0	3.4
97	04	27	07	00	1.60	32.63	-115.90	4.7	2.0
97	04	27	08	04	58.80	34.38	-118.66	16.9	2.0
97	04	27	08	56	59.70	36.12	-118.28	0.0	2.1
97	04	27	09	25	49.00	36.00	-118.28	0.0	2.1

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	04	27	11	09	28.40	34.38	-118.65	15.2	4.9
97	04	27	11	12	41.00	34.38	-118.65	13.6	2.8
97	04	27	11	13	16.20	34.37	-118.64	15.6	2.5
97	04	27	11	13	34.10	34.37	-118.64	14.9	2.6
97	04	27	11	16	57.70	34.37	-118.65	19.6	2.0
97	04	27	11	17	27.60	34.38	-118.65	14.6	2.8
97	04	27	11	20	36.10	34.37	-118.65	18.4	2.2
97	04	27	11	22	39.70	34.38	-118.64	14.2	2.5
97	04	27	11	27	19.70	34.37	-118.65	18.7	2.0
97	04	27	11	30	15.40	34.38	-118.64	14.6	2.2
97	04	27	11	31	20.90	34.38	-118.64	13.8	3.6
97	04	27	11	31	21.00	34.40	-118.65	13.4	3.4
97	04	27	11	31	51.20	34.37	-118.65	14.6	3.7
97	04	27	11	33	51.30	34.38	-118.65	15.1	2.3
97	04	27	11	34	8.60	34.38	-118.64	14.7	2.3
97	04	27	11	37	35.50	34.37	-118.63	15.5	2.3
97	04	27	11	39	18.80	34.38	-118.65	16.7	2.3
97	04	27	11	51	44.00	34.37	-118.65	14.6	2.7
97	04	27	12	14	5.20	34.38	-118.64	15.4	2.2
97	04	27	12	18	53.70	34.38	-118.63	14.7	2.7
97	04	27	12	22	49.90	34.37	-118.65	13.8	2.5
97	04	27	12	25	26.20	34.37	-118.63	16.5	2.0
97	04	27	12	37	47.10	34.38	-118.65	15.3	2.0
97	04	27	12	44	5.00	34.38	-118.65	13.8	2.1
97	04	27	15	18	35.00	34.38	-118.63	15.3	3.4
97	04	27	17	55	22.10	34.37	-118.68	14.8	2.0
97	04	27	18	23	42.30	36.01	-118.45	6.0	3.0
97	04	27	18	53	33.90	34.38	-118.64	13.9	2.4
97	04	27	19	36	45.30	34.38	-118.64	14.4	2.1
97	04	27	19	38	2.00	34.38	-118.64	14.6	2.0
97	04	27	21	34	28.20	34.38	-118.65	12.8	2.5
97	04	27	21	44	47.40	34.39	-118.64	12.4	2.5
97	04	28	01	20	37.90	34.38	-118.64	13.6	3.0
97	04	28	02	36	13.40	33.84	-117.04	13.6	2.0
97	04	28	03	16	6.10	31.87	-115.75	6.0	2.3
97	04	28	03	28	11.00	33.33	-116.30	2.8	2.1
97	04	28	03	31	33.40	37.99	-118.12	6.0	2.3
97	04	28	04	10	41.60	34.65	-121.16	6.0	2.2
97	04	28	05	14	27.40	33.30	-116.45	3.5	2.2
97	04	28	10	34	53.90	32.27	-115.79	6.0	2.6
97	04	28	13	31	33.90	32.32	-115.32	6.0	2.3
97	04	28	15	25	44.90	34.38	-118.64	14.6	2.2
97	04	28	18	20	45.40	36.13	-118.27	0.0	2.1
97	04	28	19	17	59.90	32.20	-115.79	6.0	2.4
97	04	28	21	58	37.90	34.63	-116.53	7.8	2.4
97	04	28	23	04	45.00	34.37	-118.68	16.8	2.1
97	04	29	01	25	51.60	34.98	-116.95	6.1	2.0
97	04	29	05	00	52.60	34.37	-118.69	15.1	2.0
97	04	29	08	32	57.20	32.67	-118.00	6.0	2.5
97	04	29	15	00	8.60	36.12	-118.28	0.0	2.0
97	04	29	18	27	44.90	37.67	-118.92	6.0	2.3

Table 5 (continued)

	Time (GMT)					Location coordinates		Depth	Magnitude
97	04	29	19	01	24.40	32.27	-115.67	6.0	2.2
97	04	29	19	02	56.60	34.62	-116.66	4.6	2.2
97	04	29	19	31	49.70	34.96	-116.84	2.4	2.2
97	04	29	23	09	50.10	36.10	-118.22	0.0	2.1
97	04	29	23	26	30.90	32.47	-115.26	6.0	2.6
97	04	30	10	13	30.90	33.51	-118.02	6.0	2.8
97	04	30	10	56	59.30	31.93	-115.77	6.0	2.1
97	04	30	11	37	6.00	34.38	-118.68	14.9	2.0
97	04	30	14	56	9.30	35.35	-119.33	6.0	2.4
97	04	30	19	12	20.60	34.38	-118.64	13.2	2.8
97	04	30	19	12	45.90	36.04	-117.67	2.3	2.3
97	04	30	21	35	58.90	32.21	-116.96	6.0	2.2
97	05	01	03	29	45.10	32.23	-115.80	6.0	2.0
97	05	01	05	08	33.10	32.05	-115.76	6.0	2.1
97	05	01	06	22	13.40	34.38	-118.65	12.9	2.8
97	05	01	06	22	39.80	34.40	-118.69	20.9	2.0
97	05	01	08	02	11.10	32.21	-115.77	6.0	2.2
97	05	01	17	00	7.00	33.53	-118.02	6.0	2.0
97	05	01	17	17	20.40	34.12	-116.38	3.1	2.1
97	05	01	20	12	32.40	33.96	-116.83	16.8	2.1
97	05	01	21	22	7.70	35.80	-117.64	5.2	2.0
97	05	01	22	07	36.70	36.05	-120.61	1.6	2.7
97	05	02	13	28	21.20	34.31	-119.22	11.3	2.0
97	05	02	15	17	43.90	34.48	-116.51	0.6	2.8
97	05	03	07	03	46.40	34.37	-118.66	15.4	2.7
97	05	03	07	36	9.20	33.92	-117.76	12.9	2.0
97	05	03	12	15	6.90	37.39	-118.43	6.0	2.3
97	05	03	12	51	48.00	34.37	-118.67	15.4	3.5
97	05	03	21	11	26.00	34.33	-118.45	4.5	2.4
97	05	03	22	58	25.00	37.48	-118.75	6.0	2.4
97	05	04	02	21	13.20	32.32	-115.32	6.0	2.5
97	05	04	02	49	58.30	35.03	-119.18	12.4	2.4
97	05	04	06	54	4.90	35.11	-119.11	14.7	2.2
97	05	04	19	07	56.00	32.22	-115.79	6.0	2.1
97	05	04	22	02	49.10	32.94	-116.22	9.7	2.0
97	05	05	02	08	26.70	33.37	-116.41	6.0	2.4
97	05	05	06	31	32.60	32.91	-116.28	10.9	2.0
97	05	05	08	52	48.90	32.08	-114.97	6.0	2.4
97	05	05	10	30	43.00	34.30	-118.43	9.5	2.9
97	05	05	10	54	24.90	36.09	-117.66	0.8	2.0
97	05	05	16	27	40.30	32.26	-115.79	6.0	2.1
97	05	05	19	39	22.50	37.60	-118.83	6.0	2.9
97	05	05	21	36	44.80	34.30	-118.43	8.6	2.3
97	05	06	01	01	54.80	32.22	-115.78	6.0	2.1
97	05	06	01	30	6.50	33.27	-116.01	3.5	2.3
97	05	06	05	37	30.60	34.97	-116.81	1.1	2.5
97	05	06	09	23	39.10	33.15	-116.48	16.7	2.2
97	05	06	11	35	3.60	31.63	-116.06	6.0	3.5
97	05	06	18	53	22.80	34.97	-116.81	0.9	3.2
97	05	06	19	09	4.60	34.30	-118.42	9.9	2.3
97	05	06	19	12	53.80	35.45	-118.43	6.0	4.5

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	05	06	20	11	59.80	32.26	-115.80	6.0	2.5
97	05	07	00	01	16.50	31.94	-116.37	6.0	2.5
97	05	07	01	30	48.40	35.96	-117.66	3.6	2.3
97	05	07	03	36	26.80	32.22	-115.81	6.0	2.8
97	05	07	03	53	42.90	35.45	-118.43	8.6	2.1
97	05	07	05	26	23.90	34.27	-118.44	11.3	2.3
97	05	07	06	39	9.00	33.88	-116.86	13.5	2.4
97	05	07	06	40	40.80	33.88	-116.86	13.2	2.2
97	05	07	14	27	28.00	34.32	-116.49	5.3	2.2
97	05	07	14	27	58.90	34.38	-118.68	17.2	2.1
97	05	07	14	51	40.30	35.96	-117.66	3.3	2.5
97	05	07	22	17	31.20	34.97	-116.81	0.0	2.4
97	05	08	00	28	31.80	35.66	-118.54	5.3	2.2
97	05	08	05	28	19.10	37.52	-118.83	5.5	2.3
97	05	08	06	59	4.80	35.73	-117.62	6.0	3.0
97	05	08	06	59	52.80	35.72	-117.62	6.0	2.2
97	05	08	08	26	25.50	34.38	-118.65	13.4	2.7
97	05	08	10	55	17.90	37.31	-118.65	6.0	2.2
97	05	09	02	35	55.50	33.41	-115.74	8.6	2.1
97	05	09	07	25	38.90	36.22	-120.24	6.0	2.3
97	05	09	09	49	54.40	32.41	-115.22	6.0	2.3
97	05	09	11	21	22.90	32.40	-115.21	6.0	2.4
97	05	09	18	10	14.90	34.82	-120.30	0.1	3.0
97	05	09	18	38	3.80	34.03	-118.19	13.5	2.0
97	05	10	01	21	25.80	34.38	-118.64	13.6	2.4
97	05	10	02	22	44.60	34.82	-120.32	1.2	2.4
97	05	10	04	50	18.70	35.00	-116.96	5.3	2.4
97	05	10	08	06	14.00	34.38	-116.46	2.6	2.4
97	05	10	11	40	3.30	36.45	-117.91	6.0	2.6
97	05	10	13	47	14.40	37.51	-118.87	6.0	2.2
97	05	11	00	16	28.60	33.97	-116.67	16.5	3.8
97	05	11	00	24	54.30	33.98	-116.68	14.8	2.4
97	05	11	00	27	27.40	35.96	-117.66	3.5	2.2
97	05	11	02	50	2.10	32.25	-115.79	6.0	2.1
97	05	11	15	40	16.00	34.03	-116.92	18.5	2.1
97	05	12	01	34	27.70	33.27	-116.09	1.5	2.3
97	05	12	02	20	30.30	31.93	-115.77	6.0	2.3
97	05	12	11	19	48.40	34.82	-120.31	0.0	2.2
97	05	12	12	18	16.10	34.35	-116.47	3.3	2.1
97	05	13	02	44	51.30	32.23	-115.79	6.0	2.1
97	05	13	03	14	9.20	36.06	-117.64	1.8	2.1
97	05	13	03	50	18.80	34.34	-116.47	3.5	2.2
97	05	13	06	46	52.30	35.37	-117.25	4.2	2.4
97	05	13	11	29	57.70	34.95	-116.83	1.2	2.3
97	05	13	12	13	54.30	31.17	-115.49	6.0	2.8
97	05	13	12	27	52.20	32.85	-116.24	12.6	2.0
97	05	13	13	51	56.90	31.15	-115.65	6.0	2.7
97	05	13	16	11	32.80	31.92	-116.00	6.0	2.2
97	05	13	17	59	45.20	32.05	-116.29	6.0	2.6
97	05	13	20	04	51.70	36.29	-120.39	6.0	2.8
97	05	13	22	56	44.10	32.51	-118.19	6.0	2.8

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	05	14	03	08	36.40	31.93	-115.81	6.0	3.9
97	05	14	03	37	49.40	31.75	-115.68	6.0	2.2
97	05	14	03	46	24.20	31.91	-115.78	6.0	2.3
97	05	14	05	05	29.40	32.49	-118.21	6.0	2.5
97	05	14	05	15	2.00	31.81	-115.79	6.0	2.5
97	05	14	05	25	8.90	31.93	-115.75	6.0	2.1
97	05	14	06	57	38.30	37.65	-118.90	6.0	2.4
97	05	14	08	23	31.60	31.81	-115.80	6.0	2.0
97	05	14	08	23	52.30	31.87	-115.85	6.0	2.0
97	05	14	09	06	50.20	32.53	-118.19	6.0	2.2
97	05	14	11	24	11.30	33.70	-118.25	0.7	2.2
97	05	14	13	21	21.50	31.99	-115.79	6.0	2.3
97	05	14	13	58	10.20	36.10	-120.09	6.0	2.3
97	05	14	16	52	0.60	37.44	-118.61	6.0	2.5
97	05	14	18	49	7.60	34.68	-119.36	5.4	2.4
97	05	14	20	52	30.90	31.93	-115.79	6.0	2.4
97	05	15	09	41	20.40	31.94	-115.75	6.0	2.4
97	05	15	11	32	48.50	33.47	-118.26	0.0	2.1
97	05	15	12	57	31.00	32.79	-115.46	12.7	2.3
97	05	15	13	11	54.30	32.80	-115.46	14.7	2.1
97	05	15	13	26	57.20	32.79	-115.46	15.0	2.4
97	05	15	13	31	53.20	34.37	-116.88	4.2	3.0
97	05	15	14	29	2.60	33.88	-118.46	9.5	3.1
97	05	15	15	08	46.10	31.77	-115.99	6.0	3.0
97	05	15	20	31	11.10	32.22	-117.17	6.0	2.2
97	05	15	21	28	32.00	33.93	-116.29	5.6	2.1
97	05	15	22	19	55.80	31.95	-115.77	6.0	2.4
97	05	16	01	03	3.50	31.26	-115.45	6.0	3.0
97	05	16	02	41	52.00	36.10	-117.66	0.9	2.2
97	05	16	02	42	17.70	36.10	-117.66	2.5	2.8
97	05	16	07	15	44.60	34.01	-118.96	15.1	2.1
97	05	16	08	19	2.30	34.65	-119.53	13.7	2.8
97	05	16	08	54	1.70	34.03	-118.96	15.1	2.1
97	05	16	09	49	14.50	31.86	-115.79	6.0	2.2
97	05	16	10	34	36.90	32.23	-116.69	6.0	3.5
97	05	16	12	45	31.90	33.47	-118.26	0.0	2.6
97	05	16	19	36	36.50	33.35	-116.36	6.0	3.0
97	05	16	19	43	14.80	35.78	-117.66	6.7	2.6
97	05	16	22	20	40.90	34.97	-116.94	4.1	3.0
97	05	17	04	02	36.00	34.35	-116.46	5.4	2.3
97	05	17	05	29	1.00	33.63	-116.76	15.1	2.8
97	05	17	05	56	18.30	33.63	-116.75	14.4	2.7
97	05	17	06	11	56.70	31.84	-115.77	6.0	2.4
97	05	17	06	12	25.10	31.95	-115.82	6.0	2.9
97	05	17	07	52	49.00	32.52	-118.20	6.0	2.2
97	05	17	14	44	49.50	37.58	-118.71	6.0	2.4
97	05	18	00	00	57.90	37.49	-118.81	6.0	2.0
97	05	18	04	35	52.50	32.21	-115.79	6.0	2.2
97	05	18	07	17	10.70	36.12	-118.05	0.0	2.0
97	05	18	07	42	28.30	33.95	-117.07	14.7	2.1
97	05	18	14	27	58.90	34.62	-116.54	0.0	2.0

Table 5 (continued)

		Time	(GMT)			Location	coordinates	Depth	Magnitude
97	05	18	21	45	33.50	34.81	-120.31	1.4	3.2
97	05	19	02	52	28.00	36.10	-117.66	1.4	2.1
97	05	19	04	06	5.00	35.98	-118.31	0.0	2.0
97	05	19	05	41	54.40	33.65	-116.78	9.1	2.3
97	05	19	05	41	56.30	34.37	-116.88	4.6	2.2
97	05	19	08	18	35.40	34.97	-116.82	0.0	2.0
97	05	19	13	15	30.10	34.37	-116.88	3.3	2.2
97	05	19	13	17	47.90	35.22	-117.24	5.1	2.9
97	05	19	15	01	56.50	34.95	-116.82	0.0	2.5
97	05	19	17	07	2.80	35.86	-117.35	1.1	2.1
97	05	19	18	09	59.70	34.97	-116.81	2.8	2.1
97	05	19	22	54	39.90	34.92	-116.92	4.1	2.7
97	05	20	07	17	35.80	31.92	-116.13	6.0	2.1
97	05	20	18	25	8.50	37.65	-118.89	6.0	2.2
97	05	20	19	24	26.30	31.93	-115.79	6.0	2.2
97	05	20	19	27	39.80	31.73	-115.68	6.0	2.9
97	05	20	19	35	58.30	35.82	-117.88	10.9	2.0
97	05	20	23	18	51.80	33.92	-116.33	2.8	2.5
97	05	21	00	37	47.40	35.73	-119.26	6.0	2.1
97	05	21	04	53	33.80	35.99	-120.54	15.1	2.6
97	05	21	10	11	46.70	31.84	-116.20	6.0	2.6
97	05	21	12	53	15.90	31.97	-115.77	6.0	2.6
97	05	21	14	03	44.00	32.19	-115.88	6.0	2.1
97	05	21	14	07	4.10	32.19	-115.77	6.0	3.3
97	05	21	14	30	58.60	33.20	-115.58	5.4	2.0
97	05	21	21	49	9.60	33.51	-116.33	6.0	2.2
97	05	21	23	32	58.90	34.63	-116.54	2.2	2.9
97	05	21	23	45	24.40	34.63	-116.54	1.9	2.2
97	05	21	23	46	11.00	34.63	-116.54	2.2	2.1
97	05	21	23	55	9.40	34.63	-116.54	2.1	2.2
97	05	22	00	01	17.10	34.63	-116.54	1.8	2.2
97	05	22	01	11	23.40	33.93	-116.98	16.8	2.2
97	05	22	03	23	40.10	36.27	-120.34	6.0	2.6
97	05	22	19	25	21.30	32.27	-116.67	6.0	3.2
97	05	23	03	01	38.70	32.56	-115.81	0.0	2.7
97	05	23	06	48	32.10	34.97	-116.81	0.9	3.6
97	05	23	09	08	21.40	32.01	-115.76	6.0	2.1
97	05	23	11	12	40.80	34.25	-119.66	6.0	2.1
97	05	23	11	42	23.60	34.25	-119.64	6.0	2.3
97	05	23	12	22	1.00	34.97	-116.82	1.7	3.5
97	05	23	13	22	1.90	34.97	-116.81	1.1	3.3
97	05	23	13	43	7.10	34.97	-116.81	2.6	2.1
97	05	23	14	38	41.70	33.07	-116.46	13.7	3.5
97	05	23	18	04	20.30	32.19	-115.78	6.0	2.0
97	05	23	19	01	39.90	34.97	-116.81	3.1	3.0
97	05	23	22	13	30.10	35.69	-118.39	5.8	2.3
97	05	23	23	29	11.20	36.38	-120.93	6.0	2.8
97	05	24	02	59	34.90	32.31	-115.32	6.0	2.1
97	05	24	04	36	13.30	35.80	-117.64	5.3	4.0
97	05	24	04	57	48.80	34.38	-118.63	13.0	2.5
97	05	24	14	41	38.10	36.17	-118.07	1.6	2.2

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	05	24	19	05	14.00	35.80	-117.64	5.1	2.2
97	05	24	19	53	55.40	34.22	-116.45	7.3	2.2
97	05	24	19	56	43.00	32.41	-115.34	6.0	2.0
97	05	24	20	58	8.20	33.33	-117.75	6.0	2.2
97	05	25	04	29	32.90	34.27	-119.66	6.0	2.0
97	05	25	05	52	5.10	33.07	-116.46	10.0	2.7
97	05	25	08	57	29.00	34.49	-116.53	2.8	2.1
97	05	25	19	16	23.30	36.35	-117.48	6.0	2.2
97	05	26	08	54	58.30	37.53	-118.85	6.0	2.9
97	05	26	13	00	55.60	34.97	-116.82	3.0	2.1
97	05	26	13	27	17.30	35.93	-120.51	12.5	3.3
97	05	26	13	47	21.30	34.16	-116.43	5.5	2.1
97	05	26	14	49	11.60	36.16	-118.07	0.0	3.1
97	05	26	17	08	43.90	35.98	-120.48	17.1	2.3
97	05	26	22	00	17.30	34.98	-116.95	0.0	2.4
97	05	26	22	18	49.50	34.97	-116.81	0.0	2.0
97	05	27	07	02	12.50	31.25	-115.48	6.0	2.2
97	05	27	14	21	46.00	31.89	-116.20	6.0	2.1
97	05	28	02	44	14.80	34.28	-116.45	0.0	2.0
97	05	28	06	24	11.40	31.91	-115.79	6.0	2.4
97	05	28	06	25	8.70	31.86	-115.80	6.0	2.1
97	05	28	09	13	20.10	34.53	-119.02	6.0	2.7
97	05	29	00	48	14.90	33.35	-116.91	6.9	3.4
97	05	29	13	02	0.40	34.63	-116.57	6.9	2.4
97	05	29	14	05	56.20	36.06	-117.87	2.3	2.1
97	05	29	16	37	11.50	34.92	-116.91	5.3	2.1
97	05	30	00	47	29.60	32.22	-115.81	6.0	2.2
97	05	30	03	31	12.10	31.98	-115.85	6.0	2.2
97	05	30	03	50	30.50	31.87	-115.85	6.0	2.4
97	05	30	04	34	54.80	32.19	-115.89	6.0	2.2
97	05	30	07	21	32.70	34.91	-120.86	6.0	2.5
97	05	30	15	17	18.60	31.77	-115.77	6.0	4.0
97	05	30	15	35	28.00	31.91	-115.78	6.0	2.8
97	05	30	16	51	55.60	31.93	-115.76	6.0	2.2
97	05	30	16	52	55.20	31.79	-115.82	6.0	2.7
97	05	30	17	31	33.00	31.91	-115.80	6.0	2.7
97	05	30	19	54	25.90	35.28	-119.90	0.7	2.0
97	05	30	21	20	19.90	31.92	-115.83	6.0	2.0
97	05	30	21	33	24.10	31.89	-115.83	6.0	2.8
97	05	30	23	15	28.90	33.56	-117.04	9.7	2.7
97	05	31	00	05	4.30	31.93	-115.79	6.0	2.3
97	05	31	01	36	56.00	31.40	-115.22	6.0	2.6
97	05	31	06	29	53.20	35.98	-117.67	2.5	2.0
97	05	31	08	48	2.70	37.25	-117.75	6.0	2.6
97	05	31	10	39	21.00	34.37	-118.66	17.5	2.2
97	05	31	12	57	16.00	31.94	-115.80	6.0	2.5
97	05	31	17	15	0.20	32.26	-115.79	6.0	2.2
97	05	31	18	19	37.00	31.95	-115.79	6.0	2.3
97	05	31	19	45	24.00	31.93	-115.80	6.0	2.1
97	05	31	20	22	8.10	36.08	-117.64	2.4	2.0
97	05	31	23	51	33.80	31.57	-115.73	6.0	2.5

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	06	01	05	23	60.00	31.95	-115.78	6.0	2.2
97	06	01	06	34	8.90	34.28	-116.45	0.2	2.3
97	06	01	10	38	28.30	35.28	-119.89	1.0	2.0
97	06	01	21	26	11.50	31.93	-115.80	6.0	2.5
97	06	02	00	52	56.70	31.87	-115.86	6.0	2.1
97	06	02	06	03	47.20	31.94	-115.81	6.0	2.5
97	06	02	08	25	56.90	34.15	-116.41	3.0	2.0
97	06	02	11	16	9.00	34.28	-118.55	6.0	2.2
97	06	02	12	13	58.00	34.30	-116.84	5.5	2.0
97	06	02	12	30	11.00	35.12	-115.40	6.0	2.2
97	06	02	13	58	59.20	31.90	-115.79	6.0	2.2
97	06	02	15	18	32.60	32.47	-115.22	6.0	2.5
97	06	02	21	47	42.70	35.30	-119.89	10.5	2.5
97	06	02	23	06	37.10	33.68	-120.08	6.0	2.2
97	06	03	07	47	44.60	31.92	-115.76	6.0	2.2
97	06	03	08	07	24.20	34.38	-118.64	14.5	2.1
97	06	03	10	20	55.00	31.86	-115.69	6.0	2.2
97	06	03	12	38	1.50	32.20	-115.79	6.0	2.9
97	06	03	13	09	12.20	32.20	-115.79	6.0	2.8
97	06	03	13	27	31.80	32.22	-115.77	6.0	2.0
97	06	03	13	30	52.80	32.18	-115.76	6.0	2.3
97	06	03	13	37	58.70	32.17	-115.77	6.0	2.2
97	06	03	15	53	31.20	31.90	-115.78	6.0	2.1
97	06	03	17 ·	22	29.20	31.92	-115.77	6.0	2.4
97	06	03	22	18	7.80	33.94	-117.80	5.1	2.0
97	06	04	00	33	20.90	32.92	-116.28	11.3	2.1
97	06	04	03	58	30.10	32.23	-115.79	6.0	2.2
97	06	04	06	41	10.40	32.21	-115.81	6.0	2.3
97	06	04	08	28	1.60	32.19	-115.78	6.0	2.3
97	06	04	12	05	56.50	32.01	-115.78	6.0	2.1
97	06	04	18	43	32.40	32.25	-115.78	6.0	2.0
97	06	04	20	29	51.50	32.22	-115.79	6.0	2.3
97	06	04	22	55	23.80	33.48	-116.52	6.0	2.9
97	06	05	03	04	54.00	31.91	-115.81	6.0	2.9
97	06	05	07	57	34.40	31.68	-116.00	6.0	2.7
97	06	05	08	39	46.00	32.18	-115.76	6.0	2.1
97	06	05	11	43	21.50	31.93	-115.82	6.0	2.5
97	06	05	12	58	51.60	37.49	-118.85	6.0	2.3
97	06	05	17	06	49.40	36.29	-118.33	0.0	2.5
97	06	05	20	28	19.40	33.47	-116.46	6.0	2.1
97	06	05	22	43	18.30	35.97	-117.98	5.6	3.7
97	06	06	00	53	29.60	36.03	-117.78	1.3	2.2
97	06	06	05	43	17.40	33.42	-116.43	6.0	2.0
97	06	06	07	15	45.50	35.98	-117.67	2.4	2.0
97	06	06	08	21	5.60	32.52	-118.18	6.0	2.3
97	06	06	09	31	30.40	35.79	-117.66	4.9	2.6
97	06	06	10	18	31.10	31.97	-115.73	6.0	2.2
97	06	06	11	27	6.90	37.43	-118.88	6.0	2.5
97	06	06	15	15	52.10	32.23	-116.46	6.0	2.2
97	06	06	19	18	36.90	34.32	-118.57	12.2	2.1
97	06	06	20	06	29.40	34.99	-116.95	5.5	3.7

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Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	06	06	20	07	19.00	32.83	-118.00	6.0	3.7
97	06	06	21	22	54.50	34.98	-116.96	5.5	2.6
97	06	07	04	17	25.10	32.01	-115.79	6.0	2.3
97	06	07	12	21	37.90	33.51	-116.50	0.0	2.5
97	06	07	13	33	50.60	32.16	-115.80	6.0	2.9
97	06	07	15	20	41.20	31.96	-115.79	6.0	2.5
97	06	07	16	26	9.00	32.26	-115.26	6.0	2.9
97	06	07	18	35	11.50	31.93	-115.79	6.0	2.9
97	06	07	23	20	10.50	31.88	-115.78	6.0	3.2
97	06	08	00	25	4.10	35.00	-118.51	5.5	2.6
97	06	08	00	31	41.80	35.01	-118.51	5.5	2.8
97	06	08	04	06	36.80	32.20	-115.78	6.0	2.3
97	06	08	08	13	21.60	31.89	-115.79	6.0	2.5
97	06	08	14	05	3.40	37.57	-118.87	6.0	2.2
97	06	08	14	18	39.80	37.60	-118.82	6.0	2.5
97	06	08	14	59	12.20	34.38	-119.54	12.8	2.1
97	06	08	15	45	15.20	31.94	-115.76	6.0	2.0
97	06	09	02	15	12.80	31.81	-115.79	6.0	2.0
97	06	09	05	16	47.30	32.71	-115.98	2.9	2.2
97	06	09	09	08	16.00	37.55	-118.86	6.0	2.5
97	06	09	16	54	59.90	34.00	-117.14	14.6	2.9
97	06	09	17	42	39.10	33.26	-116.03	1.9	2.3
97	06	09	17	47	25.20	33.26	-116.03	2.6	3.0
97	06	09	21	46	4.20	35.98	-117.67	3.1	2.4
97	06	10	00	11	21.20	31.94	-115.80	6.0	2.6
97	06	10	00	11	31.40	31.95	-115.79	6.0	2.8
97	06	10	00	39	43.20	31.95	-115.68	6.0	2.1
97	06	10	01	02	40.10	35.98	-117.67	2.4	3.4
97	06	10	02	18	18.50	35.98	-117.67	2.3	2.1
97	06	10	04	01	7.80	33.25	-116.29	8.4	2.2
97	06	10	06	27	34.60	32.21	-115.79	6.0	2.0
97	06	10	07	56	52.50	34.53	-120.69	0.0	2.0
97	06	10	08	02	23.10	35.02	-116.98	6.4	2.4
97	06	10	08	06	5.60	31.94	-115.58	6.0	2.3
97	06	10	09	21	45.50	34.05	-117.26	15.3	3.2
97	06	10	13	23	27.60	35.01	-118.51	6.2	2.3
97	06	10	13	51	18.40	34.01	-118.29	10.9	2.4
97	06	10	14	39	35.30	37.21	-119.19	6.0	2.2
97	06	10	17	08	48.40	31.95	-115.78	6.0	2.0
97	06	10	19	52	13.00	33.26	-116.03	2.9	2.5
97	06	10	20	40	24.80	34.40	-118.45	4.6	2.7
97	06	11	00	55	2.40	33.26	-116.03	3.1	2.4
97	06	11	01	06	48.70	31.79	-115.81	6.0	2.8
97	06	11	02	03	43.70	31.90	-115.80	6.0	2.3
97	06	11	05	34	58.90	36.79	-118.15	6.0	2.5
97	06	11	07	08	40.70	36.82	-118.15	6.0	2.6
97	06	11	09	50	13.70	31.92	-115.78	6.0	2.4
97	06	11	17	24	42.20	34.12	-116.39	1.8	2.1
97	06	11	17	25	22.60	31.90	-115.79	6.0	2.2
97	06	11	20	15	3.20	35.76	-116.54	6.0	2.0
97	06	12	11	02	43.30	33.72	-116.75	14.9	2.0

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	06	12	12	26	50.80	32.79	-117.30	5.2	2.4
97	06	12	15	14	0.90	33.38	-116.28	13.9	2.5
97	06	13	01	09	55.30	33.31	-116.41	6.0	2.0
97	06	13	02	30	38.80	32.23	-115.79	6.0	2.5
97	06	13	04	44	4.10	31.94	-115.82	6.0	2.8
97	06	13	08	10	4.70	31.89	-115.86	6.0	2.4
97	06	13	10	19	17.40	35.78	-117.65	11.9	2.0
97	06	13	11	16	18.80	32.61	-115.87	13.7	3.4
97	06	13	11	24	29.40	34.18	-116.43	5.5	2.1
97	06	13	19	15	22.20	33.55	-118.81	7.7	2.6
97	06	13	21	34	38.40	35.98	-117.67	3.0	2.3
97	06	13	23	30	56.70	35.18	-119.40	6.3	2.5
97	06	14	04	37	56.60	31.52	-115.61	6.0	2.5
97	06	14	16	23	2.40	34.28	-118.48	10.1	2.8
97	06	14	19	48	19.40	36.65	-115.80	6.0	3.8
97	06	14	22	25	5.50	35.99	-117.68	3.2	2.2
97	06	15	06	03	13.10	33.62	-119.07	6.0	2.1
97	06	15	06	06	53.60	37.59	-118.86	6.0	2.4
97	06	15	06	29	12.40	37.19	-117.86	6.0	2.5
97	06	15	10	08	5.20	31.96	-115.79	6.0	2.2
97	06	15	14	58	32.00	31.93	-115.76	6.0	2.0
97	06	15	21	30	13.20	32.20	-115.79	6.0	2.1
97	06	16	14	51	33.30	31.61	-116.02	6.0	2.1
97	06	16	20	47	11.50	35.54	-118.57	0.2	2.2
97	06	16	20	56	43.80	32.23	-115.81	6.0	2.4
97	06	16	21	41	37.60	32.25	-115.81	6.0	2.1
97	06	17	02	48	22.70	34.37	-118.65	14.1	2.0
97	06	17	04	40	44.90	34.39	-116.46	4.9	2.1
97	06	17	13	47	16.00	31.92	-115.81	6.0	2.4
97	06	17	14	16	45.70	38.22	-119.28	6.0	2.6
97	06	17	23	51	41.10	35.64	-116.32	6.0	2.0
97	06	18	06	22	54.60	34.34	-116.46	3.2	2.1
97	06	18	08	18	41.30	34.68	-120.47	8.9	2.2
97	06	18	18	41	25.80	33.00	-116.09	1.5	2.1
97	06	18	19	05	23.60	35.64	-117.51	3.9	2.5
97	06	18	21	16	53.80	34.22	-116.85	3.2	2.0
97	06	19	01	42	47.70	31.89	-115.79	6.0	2.4
97	06	19	02	34	6.10	34.37	-116.47	3.2	2.3
97	06	19	04	38	45.60	31.81	-115.81	6.0	2.5
97	06	19	05	54	43.20	31.88	-115.76	6.0	2.3
97	06	19	07	45	1.80	35.78	-117.66	5.5	2.3
97	06	19	09	39	7.20	31.30	-115.43	6.0	3.0
97	06	19	11	21	49.50	31.25	-115.49	6.0	4.8
97	06	19	18	37	37.90	35.91	-120.49	0.0	2.3
97	06	20	01	31	45.90	32.82	-115.61	15.2	2.3
97	06	20	04	05	37.50	37.38	-118.65	6.0	2.6
97	06	20	04	35	40.50	32.68	-118.11	6.0	4.8
97	06	20	04	53	1.70	32.64	-118.17	6.0	2.6
97	06	20	05	13	45.30	34.46	-119.31	6.0	2.0
97	06	20	05	38	55.00	32.69	-118.14	6.0	4.2
97	06	20	08	04	13.60	32.63	-118.15	6.0	4.5

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	06	20	09	17	24.10	32.78	-118.11	6.0	2.6
97	06	20	10	51	57.30	32.65	-118.14	6.0	3.0
97	06	20	11	11	31.80	37.51	-118.87	6.0	2.3
97	06	20	11	17	41.00	32.72	-118.13	6.0	3.5
97	06	20	11	29	5.00	31.31	-115.45	6.0	3.2
97	06	20	11	56	48.10	37.51	-118.85	6.0	2.2
97	06	20	12	42	14.20	32.62	-118.17	6.0	3.0
97	06	20	15	28	14.90	32.29	-115.25	6.0	2.1
97	06	20	19	12	3.70	32.74	-118.10	6.0	2.3
97	06	20	20	41	2.30	31.79	-116.24	6.0	3.7
97	06	20	20	42	34.10	31.80	-116.26	6.0	2.6
97	06	20	21	24	53.20	37.62	-118.86	6.0	2.6
97	06	20	22	56	23.20	32.45	-115.46	6.0	3.3
97	06	20	23	26	13.90	32.68	-117.13	9.3	2.3
97	06	21	00	14	5.60	31.27	-115.44	6.0	3.0
97	06	21	01	03	44.60	32.71	-118.16	6.0	2.5
97	06	21	02	38	22.60	32.76	-118.14	6.0	2.2
97	06	21	03	32	30.40	31.89	-115.76	6.0	2.3
97	06	21	04	57	42.40	32.74	-118.13	6.0	2.0
97	06	21	05	40	45.00	31.93	-115.79	6.0	2.6
97	06	21	05	51	31.70	31.93	-115.77	6.0	2.3
97	06	21	08	59	48.40	34.36	-116.47	2.5	2.0
97	06	21	14 ·	43	24.60	31.95	-115.77	6.0	2.6
97	06	21	15	21	22.20	33.63	-116.71	10.0	2.0
97	06	21	16	05	20.20	32.15	-115.80	6.0	2.7
97	06	21	16	14	1.70	32.22	-115.79	6.0	2.0
97	06	21	18	14	20.80	36.06	-117.64	2.9	2.8
97	06	21	20	29	37.40	32.65	-118.15	6.0	2.2
97	06	21	20	33	21.10	35.98	-117.68	2.8	2.3
97	06	21	22	24	56.80	31.91	-115.80	6.0	2.4
97	06	22	00	28	13.50	31.79	-115.45	6.0	2.8
97	06	22	11	46	26.30	31.92	-115.75	6.0	2.3
97	06	22	12	33	36.30	31.85	-115.50	6.0	2.3
97	06	22	14	08	46.80	32.72	-118.15	6.0	3.0
97	06	22	15	58	38.20	35.98	-117.68	2.6	2.0
97	06	22	16	54	42.60	32.70	-118.13	6.0	2.3
97	06	22	20	17	44.50	33.96	-119.91	6.0	2.0
97	06	22	20	24	12.60	32.69	-118.12	6.0	2.0
97	06	22	20	57	1.30	33.96	-116.94	17.3	2.1
97	06	23	00	57	59.40	34.38	-119.53	11.0	2.1
97	06	23	03	55	47.20	31.86	-115.48	6.0	2.4
97	06	23	06	49	21.70	31.94	-115.79	6.0	2.2
97	06	23	07	40	20.20	34.38	-118.64	14.9	2.2
97	06	23	07	57	27.20	32.73	-115.43	16.1	3.5
97	06	23	09	27	46.00	32.75	-115.43	10.0	2.1
97	06	23	15	13	43.90	33.03	-117.79	6.0	2.0
97	06	23	15	44	44.90	32.50	-115.29	6.0	2.1
97	06	23	20	22	32.10	33.18	-115.59	6.4	2.0
97	06	23	22	47	44.80	34.07	-117.29	16.0	2.3
97	06	24	01	15	35.70	34.31	-116.44	7.9	2.1
97	06	24	02	09	52.10	31.89	-115.79	6.0	2.1

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Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	06	24	03	25	34.50	35.98	-117.67	3.2	2.1
97	06	24	03	59	57.90	35.60	-118.36	2.5	2.4
97	06	24	04	48	58.00	35.28	-118.59	5.4	3.4
97	06	24	04	52	32.60	35.27	-118.60	5.5	2.2
97	06	24	06	07	11.90	34.00	-116.86	19.4	2.3
97	06	24	06	27	24.40	31.85	-115.80	6.0	2.2
97	06	24	08	06	46.20	34.02	-116.43	8.2	2.1
97	06	24	16	50	46.10	32.21	-115.80	6.0	2.5
97	06	24	17	44	10.70	32.66	-118.13	6.0	2.3
97	06	24	20	56	15.80	33.82	-116.63	11.4	2.4
97	06	24	23	03	1.00	36.63	-119.31	6.0	2.5
97	06	25	00	55	41.90	33.17	-115.59	4.5	2.4
97	06	25	03	19	8.70	35.60	-118.36	0.8	2.9
97	06	25	05	04	49.90	34.05	-117.23	13.9	2.2
97	06	25	06	37	52.80	33.26	-116.01	3.5	2.3
97	06	25	08	44	51.80	34.40	-116.47	3.0	2.1
97	06	25	08	45	30.30	34.40	-116.47	3.6	2.0
97	06	25	13	31	35.40	31.93	-115.77	6.0	2.4
97	06	25	14	42	35.10	34.19	-116.80	5.1	2.3
97	06	25	23	11	55.50	35.98	-117.68	3.1	2.3
97	06	26	01	56	24.20	31.91	-115.83	6.0	2.3
97	06	26	02	01	35.90	31.76	-115.77	1.5	3.1
97	06	26	04	21	27.50	33.17	-115.59	4.4	2.2
97	06	26	05	04	1.00	32.42	-115.30	6.0	2.6
97	06	26	07	58	18.30	32.18	-115.77	6.0	2.2
97	06	26	11	11	18.60	32.05	-116.98	6.0	2.2
97	06	26	18	52	44.00	35.90	-117.25	6.0	2.0
97	06	26	20	04	32.70	33.26	-116.01	3.5	2.5
97	06	26	21	56	22.60	33.18	-115.59	4.7	2.0
97	06	26	23	01	34.20	32.20	-115.05	6.0	2.2
97	06	27	01	19	52.50	34.81	-118.93	13.9	2.2
97	06	27	01	46	16.50	37.45	-118.79	6.0	2.9
97	06	27	04	37	6.40	31.91	-115.81	6.0	2.4
97	06	27	06	22	18.00	32.73	-115.94	3.7	2.3
97	06	27	06	22	18.00	32.73	-115.94	3.7	2.3
97	06	27	14	06	20.40	33.26	-116.01	3.3	3.5
97	06	27	15	20	18.60	35.24	-116.92	3.2	2.8
97	06	27	17	11	27.00	33.17	-115.59	4.3	2.4
97	06	27	20	17	45.90	35.44	-118.31	5.5	3.7
97	06	27	20	23	30.10	32.24	-115.80	6.0	2.3
97	06	27	22	19	38.40	32.26	-115.80	6.0	2.3
97	06	28	00	39	36.40	34.63	-116.67	8.1	2.5
97	06	28	04	13	14.90	32.64	-118.11	6.0	2.3
97	06	28	14	34	22.20	35.34	-118.52	5.6	2.0
97	06	28	15	36	37.90	36.01	-117.79	1.7	2.0
97	06	28	20	53	2.00	36.01	-117.71	2.2	2.3
97	06	28	21	45	25.10	34.17	-117.34	10.0	4.2
97	06	28	21	53	40.60	34.17	-117.34	9.7	2.7
97	06	28	22	11	18.20	34.17	-117.34	7.8	2.7
97	06	29	00	21	57.70	34.17	-117.34	5.4	2.7
97	06	29	04	21	20.40	34.29	-118.48	10.0	2.3

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	06	29	05	13	23.70	34.16	-117.33	5.4	2.0
97	06	29	06	38	36.60	31.81	-115.84	6.0	2.5
97	06	29	10	47	28.80	35.27	-118.60	5.4	2.0
97	06	29	16	29	52.00	37.55	-118.86	6.0	2.5
97	06	29	18	23	18.70	34.37	-116.47	4.0	2.1
97	06	29	21	55	51.20	35.51	-119.43	6.0	2.1
97	06	29	22	49	55.60	32.66	-117.52	6.0	2.0
97	06	30	00	00	46.60	33.85	-117.66	5.0	2.3
97	06	30	00	41	58.40	33.00	-117.73	6.0	2.0
97	06	30	01	05	31.20	34.97	-116.81	0.6	3.4
97	06	30	01	28	56.20	34.97	-116.82	0.9	3.2
97	06	30	05	28	19.00	37.59	-118.88	6.0	2.3
97	06	30	08	25	49.80	37.58	-118.87	6.0	2.3
97	06	30	11	17	52.70	37.58	-118.86	6.0	2.5
97	06	30	17	52	32.20	33.17	-115.59	2.2	2.3
97	06	30	18	10	33.30	33.17	-115.60	4.4	3.0
97	06	30	19	35	56.70	37.54	-118.83	6.0	2.7
97	06	30	20	58	29.00	33.05	-116.43	10.3	2.0
97	06	30	22	01	26.80	34.97	-116.82	2.8	2.0
97	07	01	00	25	15.70	37.45	-118.82	6.0	2.6
97	07	01	01	17	0.90	32.62	-117.11	6.0	2.4
97	07	01	03	15	11.40	33.19	-115.59	4.2	3.0
97	07	01	03	16	41.90	33.18	-115.59	4.2	2.4
97	07	01	03	21	15.90	33.18	-115.59	3.5	2.3
97	07	01	08	13	6.10	36.08	-117.66	0.7	2.1
97	07	01	13	05	15.90	35.79	-117.64	5.2	2.9
97	07	01	13	46	18.80	35.80	-117.64	5.5	2.1
97	07	01	14	18	41.70	32.06	-115.75	6.0	2.0
97	07	01	14	54	16.30	31.91	-115.80	6.0	2.7
97	07	01	16	59	55.70	31.92	-115.77	6.0	2.2
97	07	01	17	37	52.50	35.79	-117.64	5.3	3.1
97	07	01	18	25	39.80	35.79	-117.64	5.2	2.1
97	07	01	20	10	39.60	33.38	-117.98	6.0	2.3
97	07	01	21	37	29.70	32.25	-115.33	6.0	2.1
97	07	02	00	03	23.10	31.28	-115.47	6.0	3.5
97	07	02	02	07	58.30	35.79	-117.63	5.4	2.3
97	07	02	13	52	43.50	36.10	-117.67	1.3	3.2
97	07	02	20	52	3.20	33.31	-118.32	0.0	2.1
97	07	03	01	57	11.00	35.60	-118.36	1.5	2.6
97	07	03	05	13	35.00	32.16	-115.78	6.0	2.3
97	07	03	06	18	51.90	34.97	-116.81	0.0	2.8
97	07	03	09	13	23.60	32.51	-118.21	6.0	2.4
97	07	03	12	10	57.10	31.44	-115.43	6.0	2.5
97	07	03	14	07	50.00	32.29	-115.34	6.0	2.2
97	07	03	17	49	37.60	35.79	-117.64	4.7	4.3
97	07	03	17	50	50.40	35.80	-117.64	4.8	2.5
97	07	03	19	17	51.00	32.19	-115.41	6.0	3.5
97	07	03	20	53	35.20	32.92	-117.69	6.0	2.5
97	07	04	01	13	19.60	35.80	-117.64	5.0	2.0
97	07	04	01	13	47.40	33.71	-116.76	14.4	2.0
97	07	04	01	37	12.90	33.93	-118.71	11.5	2.4

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Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	07	04	09	09	19.60	35.92	-116.17	6.0	2.0
97	07	05	07	05	34.10	34.22	-117.47	11.8	2.0
97	07	05	08	25	15.10	35.93	-117.62	4.2	2.0
97	07	05	09	10	12.00	31.92	-115.79	6.0	2.5
97	07	05	09	25	3.40	35.79	-117.63	4.8	2.1
97	07	05	12	41	48.80	32.72	-115.42	18.3	2.5
97	07	05	12	42	38.30	32.71	-115.42	19.8	3.5
97	07	05	12	47	53.40	32.72	-115.41	18.0	2.4
97	07	05	14	38	27.70	33.18	-115.59	4.3	2.3
97	07	05	16	49	28.50	35.79	-117.64	5.1	2.7
97	07	05	17	02	29.00	31.93	-115.81	6.0	2.7
97	07	05	19	18	54.70	31.61	-115.61	6.0	2.4
97	07	05	21	23	24.20	31.94	-115.76	6.0	2.3
97	07	06	04	37	33.30	35.79	-117.63	5.0	2.0
97	07	06	04	38	36.50	35.79	-117.63	4.4	2.4
97	07	06	12	47	43.90	31.82	-115.74	6.0	2.4
97	07	06	15	37	23.10	31.88	-115.82	6.0	2.5
97	07	07	09	27	5.70	35.04	-116.98	5.1	2.1
97	07	07	11	37	11.60	31.91	-115.81	6.0	2.4
97	07	07	12	59	47.10	34.55	-116.54	0.0	2.3
97	07	07	16	45	11.30	34.14	-116.43	3.1	2.1
97	07	07	18	06	48.60	37.64	-118.93	5.3	2.4
97	07	07	18	33	44.10	37.64	-118.93	5.9	2.2
97	07	07	20	40	33.90	37.61	-118.93	2.7	2.7
97	07	07	21	51	39.40	32.20	-115.80	6.0	2.1
97	07	08	00	28	11.20	34.17	-117.33	5.5	2.1
97	07	08	03	41	14.70	31.74	-115.99	6.0	2.5
97	07	08	03	43	22.00	37.63	-118.93	5.3	2.5
97	07	08	08	02	6.80	37.63	-118.93	6.0	2.5
97	07	08	09	01	2.30	33.18	-115.59	4.2	2.0
97	07	08	16	45	35.90	37.65	-118.93	6.0	2.8
97	07	08	17	34	20.40	37.64	-118.93	6.0	2.4
97	07	08	17	39	38.70	37.64	-118.94	6.0	2.7
97	07	08	18	00	3.60	37.64	-118.94	6.0	2.7
97	07	08	18	19	30.10	37.64	-118.93	6.0	2.7
97	07	08	18	31	0.50	37.64	-118.93	6.0	2.8
97	07	08	19	20	16.10	37.67	-118.93	6.0	2.8
97	07	08	21	35	40.40	37.66	-118.93	6.0	2.8
97	07	08	21	43	43.60	37.55	-118.86	6.0	2.3
97	07	08	22	56	16.40	31.18	-115.51	6.0	3.0
97	07	08	23	17	29.10	34.46	-116.51	3.5	2.4
97	07	09	03	37	43.10	35.99	-117.68	2.8	2.0
97	07	09	05	30	44.90	34.44	-118.61	6.9	2.7
97	07	09	06	08	13.80	31.23	-115.51	6.0	2.7
97	07	09	11	07	44.20	37.65	-118.94	5.5	2.6
97	07	09	11	16	19.20	31.75	-116.32	6.0	2.0
97	07	09	11	46	35.90	33.26	-115.99	1.2	2.0
97	07	09	12	53	11.00	32.27	-115.24	6.0	2.0
97	07	09	18	32	25.60	31.32	-115.45	6.0	2.9
97	07	09	23	19	10.30	34.25	-117.08	10.1	2.0
97	07	09	23	44	44.80	34.15	-117.33	8.6	2.2

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Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	07	10	05	40	45.90	35.80	-117.64	5.4	2.0
97	07	10	07	14	19.50	37.68	-118.92	6.0	2.9
97	07	10	09	18	0.80	37.65	-118.92	6.0	2.1
97	07	10	09	26	55.40	32.69	-118.10	6.0	2.2
97	07	10	14	14	53.00	32.04	-114.90	6.0	2.3
97	07	10	20	00	46.60	35.77	-117.65	7.5	2.0
97	07	11	06	40	23.00	34.47	-118.08	9.9	3.0
97	07	11	06	59	29.10	37.59	-118.91	4.7	2.9
97	07	11	08	17	33.60	32.43	-115.24	6.0	2.1
97	07	11	15	42	53.20	33.34	-116.39	10.1	2.2
97	07	12	07	49	6.50	31.89	-115.76	6.0	2.3
97	07	12	11	13	17.90	34.03	-116.09	5.9	2.9
97	07	12	11	37	2.20	33.97	-118.93	23.7	2.0
97	07	12	16	46	17.10	34.15	-117.33	8.9	2.7
97	07	12	17	41	4.00	32.19	-115.77	6.0	2.1
97	07	12	18	05	40.80	34.16	-117.33	10.3	3.5
97	07	12	18	07	35.20	34.15	-117.33	7.7	2.0
97	07	12	20	22	12.50	35.80	-117.64	4.8	2.0
97	07	12	23	31	9.70	35.87	-118.09	10.5	2.0
97	07	13	01	29	23.70	34.15	-117.33	10.1	2.8
97	07	13	03	08	47.30	31.88	-116.11	6.0	2.6
97	07	13	10	52	23.50	31.92	-115.76	6.0	2.1
97	07	13	12	38	23.20	33.64	-117.84	2.5	2.1
97	07	13	16	51	46.00	32.19	-115.68	6.0	2.1
97	07	13	16	52	24.40	31.93	-115.81	5.5	2.7
97	07	13	18	42	59.30	32.21	-115.80	6.0	2.5
97	07	13	19	41	6.20	32.09	-115.00	6.0	3.0
97	07	14	10	20	37.50	32.63	-115.90	6.0	3.2
97	07	14	11	34	32.20	32.62	-115.90	4.7	2.1
97	07	14	14	54	35.50	35.77	-117.66	6.3	3.0
97	07	14	17	03	2.50	36.08	-117.62	1.9	2.1
97	07	14	20	28	53.30	33.17	-115.59	5.1	2.0
97	07	14	22	26	30.20	32.24	-115.22	6.0	2.2
97	07	14	23	00	51.70	37.49	-118.57	6.0	2.9
97	07	15	00	04	36.60	34.43	-118.61	8.3	2.6
97	07	15	02	57	47.60	33.92	-116.80	16.9	2.7
97	07	15	03	14	35.90	31.92	-115.80	6.0	2.7
97	07	15	03	22	1.20	31.91	-115.76	6.0	2.4
97	07	15	08	22	45.70	35.80	-117.64	4.8	2.2
97	07	15	09	37	11.40	33.68	-116.75	14.2	2.2
97	07	15	12	49	40.90	34.15	-117.33	8.4	2.1
97	07	15	14	34	10.00	34.04	-117.24	14.9	2.9
97	07	15	19	07	41.50	31.94	-115.75	6.0	2.4
97	07	16	16	41	50.40	31.92	-115.77	6.0	2.5
97	07	16	16	55	34.40	31.93	-115.81	6.0	2.3
97	07	16	19	48	44.70	33.94	-118.62	14.1	2.7
97	07	16	19	51	12.60	32.15	-115.84	6.0	2.2
97	07	16	20	00	27.20	35.45	-118.31	9.2	2.2
97	07	16	20	03	57.80	33.26	-116.14	8.7	2.2
97	07	16	20	24	48.40	31.91	-115.81	6.0	2.6
97	07	16	20	51	35.70	31.94	-115.77	6.0	2.5

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	07	16	23	24	24.50	31.91	-115.76	6.0	2.4
97	07	17	02	24	38.30	36.03	-117.78	1.7	2.7
97	07	17	03	41	35.60	33.99	-118.66	9.9	2.0
97	07	17	03	58	45.00	31.63	-116.43	6.0	2.6
97	07	17	05	48	17.00	31.81	-115.75	6.0	2.8
97	07	17	06	21	5.30	31.94	-115.75	6.0	2.4
97	07	17	06	55	33.10	31.96	-115.72	6.0	2.3
97	07	17	07	12	8.40	31.77	-115.64	6.0	2.3
97	07	17	09	51	13.90	33.88	-118.45	11.9	2.7
97	07	17	14	40	56.40	37.65	-118.87	6.0	2.6
97	07	17	17	34	26.50	33.19	-115.58	4.2	2.0
97	07	17	17	34	42.80	33.19	-115.59	3.6	2.1
97	07	17	17	39	57.00	33.19	-115.58	4.0	2.1
97	07	17	17	56	20.40	31.91	-115.79	6.0	3.0
97	07	17	19	26	1.50	32.15	-116.69	6.0	2.2
97	07	17	22	18	59.00	32.53	-116.12	10.0	2.0
97	07	17	23	02	39.40	31.94	-115.78	6.0	2.0
97	07	18	00	51	29.40	37.62	-118.87	3.9	3.0
97	07	18	01	17	49.30	31.91	-115.77	6.0	2.5
97	07	18	01	36	26.60	35.77	-117.65	8.4	2.0
97	07	18	01	37	0.70	37.62	-118.87	4.1	2.9
97	07	18	15	59	51.90	34.04	-117.29	14.6	2.4
97	07	18	16	08	55.00	31.93	-115.80	6.0	2.3
97	07	18	17	57	48.90	31.91	-115.78	6.0	2.1
97	07	18	18	33	39.30	33.30	-116.16	1.9	2.4
97	07	19	01	02	57.40	33.18	-115.60	4.7	2.2
97	07	19	03	03	29.70	35.05	-116.99	4.2	2.4
97	07	19	13	54	15.20	31.31	-115.48	6.0	2.6
97	07	19	19	17	16.10	33.87	-117.84	6.1	2.4
97	07	19	21	08	25.30	31.23	-115.69	6.0	2.5
97	07	20	04	29	36.10	31.85	-115.81	6.0	2.2
97	07	20	04	31	27.60	31.86	-115.79	6.0	2.6
97	07	20	08	16	55.30	31.94	-115.76	6.0	2.0
97	07	20	12	04	0.60	31.30	-115.47	6.0	3.8
97	07	20	13	27	21.70	35.45	-118.31	5.5	2.1
97	07	20	14	38	48.70	37.53	-118.86	6.0	2.6
97	07	20	17	20	57.20	33.85	-118.61	5.6	2.2
97	07	20	17	23	30.50	34.97	-116.81	2.6	2.5
97	07	20	21	05	7.40	36.00	-118.85	6.0	2.2
97	07	20	21	14	33.00	34.15	-117.33	5.4	2.1
97	07	21	01	57	54.50	31.94	-115.79	6.0	2.2
97	07	21	03	34	54.70	34.24	-118.48	14.0	2.2
97	07	21	19	26	1.00	32.34	-115.19	6.0	2.4
97	07	21	19	26	33.90	32.35	-115.17	6.0	2.7
97	07	21	21	02	14.00	34.15	-117.34	5.2	2.4
97	07	22	01	06	51.10	31.88	-115.76	6.0	2.8
97	07	22	01	44	56.10	31.89	-115.77	6.0	2.9
97	07	22	08	42	7.80	32.77	-115.55	16.6	2.2
97	07	22	09	35	1.10	31.19	-115.49	6.0	2.9
97	07	22	10	41	31.60	36.06	-117.64	2.3	2.6
97	07	22	11	21	42.00	36.29	-120.41	6.0	2.8

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	07	22	12	15	1.10	34.02	-116.32	5.2	2.8
97	07	22	12	31	36.40	34.03	-116.86	14.2	2.3
97	07	22	19	49	0.90	31.86	-115.82	6.0	2.0
97	07	23	06	47	49.50	31.90	-115.78	6.0	2.7
97	07	23	11	40	26.90	34.16	-117.34	6.0	2.4
97	07	23	12	18	11.10	34.04	-117.56	9.1	2.5
97	07	23	12	30	25.30	33.74	-117.12	11.9	2.0
97	07	23	19	48	50.50	36.09	-117.66	0.9	2.0
97	07	24	04	47	28.50	36.10	-117.88	2.1	3.5
97	07	24	04	57	15.80	36.10	-117.88	2.3	2.2
97	07	24	06	30	26.40	36.06	-117.64	1.5	2.1
97	07	24	06	46	39.20	31.93	-115.81	6.0	2.5
97	07	24	07	14	19.80	32.23	-116.47	6.0	2.0
97	07	24	08	52	45.40	31.92	-115.80	6.0	2.7
97	07	24	12	23	0.70	31.94	-115.78	6.0	2.1
97	07	24	13	12	3.70	33.20	-115.59	3.4	2.3
97	07	24	13	27	29.80	37.06	-118.32	6.0	2.3
97	07	24	20	37	45.20	32.64	-118.18	6.0	2.4
97	07	24	23	43	32.10	35.81	-120.40	6.0	3.7
97	07	25	07	00	24.50	32.41	-115.18	6.0	3.0
97	07	25	08	20	1.50	32.39	-115.17	6.0	2.3
97	07	25	21	08	41.60	33.19	-115.59	3.2	2.5
97	07	26	03	14	56.00	33.40	-116.35	11.9	4.9
97	07	26	05	36	1.10	33.19	-115.59	3.3	2.2
97	07	26	08	15	15.00	33.18	-115.60	4.3	2.1
97	07	26	10	24	16.90	34.16	-117.33	9.8	3.7
97	07	26	10	39	42.00	36.05	-120.18	6.0	2.4
97	07	26	11	06	40.50	34.12	-117.45	3.2	2.3
97	07	26	11	53	15.00	33.33	-116.39	10.5	3.1
97	07	26	12	46	39.80	35.75	-118.02	4.1	3.4
97	07	26	13	37	16.00	36.10	-117.67	0.7	2.0
97	07	26	16	24	24.40	34.35	-116.48	0.7	2.1
97	07	26	16	59	18.80	34.06	-116.37	0.0	2.4
97	07	26	19	44	12.60	35.79	-117.63	4.5	2.0
97	07	26	20	04	31.10	34.58	-120.81	6.0	2.2
97	07	26	22	09	52.50	31.81	-115.81	6.0	2.7
97	07	26	22	39	50.60	31.12	-115.57	6.0	3.0
97	07	26	23	02	43.50	31.21	-115.44	6.0	3.0
97	07	26	23	51	13.50	31.14	-115.59	6.0	3.1
97	07	26	23	54	38.80	31.22	-115.47	6.0	2.8
97	07	27	00	06	6.20	34.36	-118.70	15.2	3.1
97	07	27	04	26	11.30	34.26	-116.45	9.7	2.8
97	07	27	04	26	42.80	34.26	-116.46	10.0	2.2
97	07	27	08	13	32.00	35.60	-116.48	6.0	3.3
97	07	27	10	42	24.60	33.40	-116.37	6.0	2.4
97	07	27	15	39	43.70	31.92	-115.78	6.0	2.5
97	07	27	20	30	32.50	36.42	-120.28	6.0	2.5
97	07	28	02	23	9.80	34.98	-116.94	5.0	2.4
97	07	28	02	25	19.60	37.15	-118.21	6.0	2.2
97	07	28	06	32	9.80	31.87	-116.28	6.0	2.2
97	07	28	07	23	18.10	32.72	-115.95	5.1	2.7

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Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	07	28	11	03	13.40	31.94	-115.80	6.0	2.3
97	07	28	13	05	38.60	31.91	-115.83	6.0	2.3
97	07	28	22	06	5.90	34.34	-116.47	5.2	2.0
97	07	28	23	29	46.00	37.64	-118.95	6.0	2.8
97	07	29	00	30	58.00	34.55	-116.50	0.5	2.1
97	07	29	02	01	38.00	34.35	-116.47	7.8	2.2
97	07	29	08	56	7.40	33.83	-117.75	7.5	2.6
97	07	29	16	50	28.60	33.87	-117.84	6.2	2.6
97	07	29	19	42	4.90	35.73	-117.64	7.7	2.4
97	07	29	20	17	29.60	33.88	-117.83	4.7	2.6
97	07	29	21	19	6.20	34.40	-116.46	3.9	2.3
97	07	30	01	31	21.00	37.64	-118.86	6.0	2.9
97	07	30	01	48	2.80	37.63	-118.86	6.0	2.6
97	07	30	04	13	19.80	34.39	-118.64	11.6	2.3
97	07	30	05	32	20.00	37.67	-118.85	6.0	2.4
97	07	30	07	05	7.20	34.32	-117.11	5.5	2.0
97	07	30	11	25	48.40	37.57	-118.83	6.0	2.4
97	07	30	13	18	14.20	33.27	-116.01	3.5	2.4
97	07	30	14	39	5.70	33.35	-116.41	5.4	2.5
97	07	30	14	44	47.80	36.10	-117.87	2.2	2.3
97	07	30	15	11	51.70	36.20	-118.34	4.2	2.2
97	07	30	18	45	14.60	31.93	-115.81	6.0	2.5
97	07	30	19	00	55.70	37.63	-118.92	6.0	2.6
97	07	30	22	57	39.10	34.34	-116.46	4.4	2.2
97	07	31	01	19	20.10	35.60	-118.36	1.8	2.4
97	07	31	05	12	58.80	34.34	-116.47	5.2	2.4
97	07	31	08	01	29.10	32.39	-115.18	6.0	3.3
97	07	31	08	13	32.40	32.41	-115.18	6.0	2.9
97	07	31	08	15	14.10	32.39	-115.17	6.0	2.5
97	07	31	08	34	32.10	32.40	-115.17	6.0	2.6
97	07	31	08	39	40.20	32.54	-115.07	24.6	2.3
97	07	31	08	41	32.80	32.39	-115.17	6.0	2.3
97	07	31	10	54	35.50	32.38	-115.17	6.0	2.2
97	07	31	11	04	44.80	32.40	-115.17	6.0	3.1
97	07	31	11	41	2.90	32.39	-115.18	6.0	3.5
97	07	31	11	43	25.30	32.40	-115.18	6.0	3.6
97	07	31	13	33	52.20	32.41	-115.18	6.0	2.3
97	07	31	13	37	51.50	34.34	-116.47	5.2	2.3
97	07	31	16	25	19.30	32.34	-115.26	6.0	2.3
97	07	31	18	04	25.50	32.43	-115.18	6.0	2.0
97	07	31	21	32	20.70	32.40	-115.18	6.0	2.0
97	07	31	22	00	51.80	35.98	-117.68	3.0	2.2
97	07	31	23	51	56.20	32.40	-115.17	6.0	2.0
97	08	01	00	06	46.50	32.40	-115.16	6.0	2.1
97	08	01	02	07	48.70	32.39	-115.17	6.0	2.5
97	08	01	02	27	37.40	31.91	-115.79	6.0	2.1
97	08	01	02	37	2.20	35.98	-117.68	2.8	2.4
97	08	01	02	48	29.50	35.98	-117.68	2.7	2.4
97	08	01	04	34	45.90	31.78	-115.58	6.0	2.6
97	08	01	05	01	43.70	34.72	-120.13	0.0	2.1
97	08	01	05	25	41.40	35.98	-117.68	3.2	2.1

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	08	01	08	59	26.50	34.33	-116.46	4.6	2.0
97	08	01	12	31	8.70	32.41	-115.18	6.0	2.0
97	08	01	14	38	42.50	37.63	-118.86	6.0	2.8
97	08	01	15	19	9.90	32.99	-117.71	6.0	2.0
97	08	01	15	27	3.20	32.41	-115.18	6.0	2.1
97	08	01	19	04	40.40	32.46	-115.45	6.0	2.7
97	08	02	00	13	17.60	37.63	-118.96	6.0	3.0
97	08	02	01	13	57.60	32.48	-115.44	6.0	2.2
97	08	02	02	04	37.30	32.19	-115.80	6.0	2.4
97	08	02	03	49	38.20	31.94	-115.79	6.0	2.5
97	08	02	04	35	17.60	34.03	-117.23	14.3	2.7
97	08	02	04	44	58.50	32.48	-115.44	6.0	2.6
97	08	02	11	05	47.30	37.51	-118.82	6.0	2.0
97	08	02	17	39	31.50	31.92	-115.77	6.0	2.6
97	08	02	20	38	23.50	35.80	-117.64	5.4	2.7
97	08	03	01	13	35.50	35.59	-116.88	6.0	2.3
97	08	03	04	30	40.80	31.92	-115.78	6.0	2.1
97	08	03	06	28	45.90	35.53	-118.38	3.2	2.2
97	08	03	14	44	5.70	34.63	-116.52	2.4	2.0
97	08	03	15	20	30.20	31.94	-115.78	6.0	2.0
97	08	03	20	03	45.90	37.63	-118.92	6.0	2.5
97	08	03	22	29	28.10	34.18	-116.43	4.3	2.3
97	08	04	05	00	55.80	32.70	-115.90	3.1	2.2
97	08	04	07 ·	03	23.70	34.20	-118.57	16.9	3.1
97	08	04	10	27	28.10	37.53	-118.47	2.7	2.8
97	08	04	12	33	17.50	37.63	-118.93	6.0	2.3
97	08	04	13	37	21.40	32.19	-115.77	6.0	2.2
97	08	04	15	11	31.90	37.39	-118.70	6.0	2.2
97	08	04	15	58	28.40	31.85	-115.73	6.0	2.5
97	08	04	15	58	28.60	31.86	-115.81	6.0	2.4
97	08	05	01	16	40.80	32.48	-115.23	6.0	2.1
97	08	05	10	51	31.80	37.65	-118.92	6.0	2.6
97	08	05	12	33	56.10	31.91	-115.76	6.0	2.3
97	08	05	18	16	40.50	35.52	-116.86	8.5	2.7
97	08	05	20	22	34.10	32.37	-115.08	6.0	2.1
97	08	05	23	51	11.20	32.32	-115.12	6.0	2.1
97	08	06	01	22	50.90	32.33	-115.14	6.0	2.2
97	08	06	03	36	26.00	31.70	-115.79	6.0	2.6
97	08	06	07	10	56.60	31.66	-116.07	6.0	2.7
97	08	06	07	53	54.20	33.59	-118.25	0.0	2.1
97	08	07	03	46	11.50	34.56	-116.52	3.1	2.0
97	08	07	03	54	15.00	34.97	-116.82	2.5	2.0
97	08	07	08	57	34.80	31.91	-115.79	6.0	2.7
97	08	07	14	28	0.90	35.27	-118.90	6.0	2.2
97	08	07	15	08	47.00	34.64	-116.50	3.2	2.1
97	08	07	21	01	11.40	33.05	-116.18	9.8	2.5
97	08	08	00	00	40.20	34.03	-117.24	14.9	2.2
97	08	08	00	01	37.30	34.02	-117.24	16.6	2.3
97	08	08	00	05	49.20	34.62	-116.64	9.4	2.3
97	08	08	00	15	55.10	32.32	-115.26	6.0	2.5
97	08	08	02	57	30.70	34.47	-116.51	2.9	2.2

Table 5 (continued)

			Time (GMT)			Location coordinates		Depth	Magnitude
97	08	08	10	01	44.70	31.97	-116.33	6.0	2.7
97	08	08	10	07	1.90	31.81	-116.32	6.0	2.2
97	08	08	11	10	58.50	37.06	-118.32	6.0	2.8
97	08	08	21	59	52.10	32.63	-117.89	6.0	2.4
97	08	09	03	03	39.60	32.32	-115.10	6.0	2.3
97	08	09	04	41	15.60	32.71	-115.90	5.5	2.2
97	08	09	05	14	44.10	33.32	-116.35	5.0	2.5
97	08	09	14	18	21.50	35.55	-120.02	6.0	2.5
97	08	09	15	09	48.80	32.27	-115.32	6.0	2.2
97	08	09	17	19	51.40	34.15	-116.43	3.2	2.5
97	08	09	17	28	56.10	34.15	-116.43	3.0	2.9
97	08	09	20	44	20.30	32.32	-115.11	6.0	2.1
97	08	09	22	35	27.40	32.32	-115.11	6.0	2.4
97	08	09	23	34	28.40	32.31	-115.11	6.0	2.4
97	08	09	23	40	54.10	32.30	-115.12	6.0	3.1
97	08	09	23	51	21.00	32.33	-115.10	6.0	2.6
97	08	10	00	07	18.90	32.28	-115.14	6.0	2.3
97	08	10	00	29	8.40	32.34	-115.12	6.0	2.2
97	08	10	00	54	6.90	32.31	-115.12	6.0	3.0
97	08	10	01	00	41.90	32.30	-115.12	6.0	3.0
97	08	10	01	38	57.90	32.32	-115.10	6.0	2.3
97	08	10	01	44	29.10	32.33	-115.10	6.0	2.5
97	08	10	01	48	55.90	32.31	-115.13	6.0	2.7
97	08	10	01	50	35.90	32.31	-115.12	6.0	3.0
97	08	10	02	14	41.40	32.32	-115.11	6.0	2.5
97	08	10	02	34	43.10	32.34	-115.11	6.0	2.1
97	08	10	02	50	10.60	32.33	-115.12	6.0	2.1
97	08	10	03	42	2.70	32.31	-115.11	6.0	2.2
97	08	10	03	46	59.80	32.43	-115.01	6.0	2.3
97	08	10	03	47	29.00	32.29	-115.11	6.0	2.3
97	08	10	03	53	32.90	32.31	-115.13	6.0	2.1
97	08	10	04	47	14.60	32.34	-115.12	6.0	2.2
97	08	10	04	54	34.60	32.39	-115.06	6.0	2.0
97	08	10	04	59	13.30	32.32	-115.11	6.0	2.5
97	08	10	05	01	12.00	32.31	-115.11	6.0	2.0
97	08	10	05	11	12.60	32.34	-115.10	6.0	2.1
97	08	10	06	02	4.30	32.31	-115.13	6.0	3.0
97	08	10	06	06	6.50	34.00	-117.18	14.1	2.6
97	08	10	06	28	22.60	34.59	-116.62	3.5	2.2
97	08	10	08	28	56.50	34.17	-118.53	8.4	2.0
97	08	10	10	16	5.30	32.33	-115.10	6.0	2.2
97	08	10	10	16	16.40	34.56	-116.52	4.3	2.5
97	08	10	12	19	48.70	32.31	-115.13	6.0	2.0
97	08	10	15	39	58.30	35.30	-118.59	3.1	2.3
97	08	10	15	56	6.50	32.35	-115.11	6.0	2.1
97	08	10	16	27	32.30	34.26	-118.47	12.0	2.0
97	08	10	16	57	44.60	32.32	-115.10	6.0	2.4
97	08	10	20	20	50.40	32.32	-115.12	6.0	2.2
97	08	10	21	30	51.00	32.37	-115.10	6.0	2.4
97	08	10	21	48	14.60	32.29	-115.13	6.0	2.8
97	08	10	22	09	53.10	32.30	-115.13	6.0	3.4

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	08	10	22	27	43.50	32.29	-115.10	6.0	2.7
97	08	10	22	50	11.10	32.32	-115.10	6.0	2.8
97	08	10	23	20	31.80	36.02	-117.84	2.7	2.3
97	08	10	23	43	10.30	32.33	-115.12	6.0	2.5
97	08	10	23	43	38.80	32.28	-115.12	6.0	2.6
97	08	10	23	45	32.40	32.34	-115.10	6.0	2.7
97	08	11	00	17	37.20	32.33	-115.11	6.0	2.2
97	08	11	00	30	51.10	32.32	-115.14	6.0	2.4
97	08	11	01	15	17.40	32.34	-115.11	6.0	2.1
97	08	11	01	17	18.40	33.87	-117.84	4.4	2.1
97	08	11	01	54	17.20	32.34	-115.10	6.0	2.5
97	08	11	02	35	22.60	32.32	-115.11	6.0	2.0
97	08	11	02	59	43.40	32.34	-115.10	6.0	2.1
97	08	11	03	20	4.90	32.33	-115.10	6.0	2.0
97	08	11	03	29	19.60	32.32	-115.09	6.0	2.1
97	08	11	04	03	50.10	32.33	-115.12	6.0	2.1
97	08	11	04	08	13.00	32.32	-115.11	6.0	2.4
97	08	11	05	17	49.80	32.33	-115.11	6.0	2.1
97	08	11	05	57	40.20	32.33	-115.11	6.0	2.2
97	08	11	06	01	19.50	32.32	-115.09	6.0	2.3
97	08	11	06	21	15.90	32.33	-115.10	6.0	2.1
97	08	11	06	43	9.90	32.32	-115.12	6.0	2.1
97	08	11	06	48	16.10	32.32	-115.12	6.0	2.2
97	08	11	07	09	37.20	32.34	-115.12	6.0	2.1
97	08	11	07	14	36.00	32.31	-115.14	6.0	2.0
97	08	11	08	32	51.00	32.31	-115.14	6.0	2.5
97	08	11	08	45	25.40	32.31	-115.12	6.0	2.4
97	08	11	08	57	15.80	32.37	-115.10	6.0	2.1
97	08	11	09	13	16.50	32.33	-115.09	6.0	2.1
97	08	11	10	17	46.00	32.30	-115.13	6.0	2.7
97	08	11	10	48	43.80	32.33	-115.11	6.0	2.2
97	08	11	11	30	35.50	32.31	-115.12	6.0	2.7
97	08	11	11	35	46.20	32.31	-115.13	6.0	2.1
97	08	11	12	11	29.30	32.41	-115.06	6.0	2.0
97	08	11	13	35	12.50	32.29	-115.12	6.0	2.3
97	08	11	13	46	14.60	32.32	-115.09	6.0	2.1
97	08	11	14	21	2.70	32.35	-115.10	6.0	2.1
97	08	11	15	45	14.50	35.36	-118.55	1.7	2.1
97	08	11	16	34	12.30	32.33	-115.12	6.0	2.2
97	08	11	18	36	21.80	32.30	-115.12	6.0	2.4
97	08	11	18	44	48.90	32.33	-115.12	6.0	2.8
97	08	11	18	52	23.60	32.29	-115.13	6.0	2.3
97	08	11	19	03	0.40	32.30	-115.11	6.0	2.2
97	08	11	19	44	21.80	32.31	-115.13	6.0	2.0
97	08	11	20	03	18.10	32.28	-115.11	6.0	2.3
97	08	11	20	19	0.30	32.32	-115.11	6.0	2.4
97	08	11	20	34	59.10	34.22	-118.91	1.7	2.2
97	08	11	21	34	15.60	32.28	-115.12	6.0	2.2
97	08	11	21	46	28.80	32.31	-115.14	6.0	2.2
97	08	11	22	14	22.40	32.36	-115.10	6.0	2.1
97	08	11	23	20	28.50	32.32	-115.12	6.0	2.2

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	08	11	23	46	59.60	32.35	-115.10	6.0	2.4
97	08	12	00	43	16.20	35.03	-116.97	5.4	2.1
97	08	12	02	03	29.80	32.34	-115.10	6.0	2.0
97	08	12	02	24	46.60	32.31	-115.12	6.0	2.3
97	08	12	03	31	2.70	34.23	-118.90	2.3	2.5
97	08	12	05	56	53.50	32.30	-115.13	6.0	2.2
97	08	12	06	15	37.20	32.35	-115.10	6.0	2.2
97	08	12	08	48	26.90	32.31	-115.12	6.0	2.1
97	08	12	10	02	36.30	32.43	-116.52	6.0	2.4
97	08	12	11	42	29.60	32.31	-115.12	6.0	2.1
97	08	12	11	42	54.30	32.37	-115.07	6.0	2.1
97	08	12	11	43	50.60	32.31	-115.10	6.0	2.5
97	08	12	12	06	10.40	32.31	-115.13	6.0	2.4
97	08	12	12	07	11.80	32.53	-115.06	6.0	2.0
97	08	12	12	34	30.10	32.83	-118.40	17.2	3.6
97	08	12	13	09	46.70	32.30	-115.12	6.0	2.6
97	08	12	13	30	2.40	32.33	-115.09	6.0	2.0
97	08	12	13	34	20.10	32.33	-115.13	6.0	2.2
97	08	12	13	46	5.10	32.34	-115.10	6.0	2.1
97	08	12	15	55	34.90	32.34	-115.09	6.0	2.0
97	08	12	17	46	54.50	32.29	-115.11	6.0	2.3
97	08	12	19	57	51.00	32.33	-115.11	6.0	2.2
97	08	12	20	13	20.30	32.35	-115.07	6.0	2.1
97	08	12	20	26	47.10	32.26	-115.36	6.0	2.1
97	08	12	22	40	34.90	32.33	-115.12	6.0	2.1
97	08	12	23	14	4.30	32.22	-115.19	6.0	2.1
97	08	13	02	43	51.00	32.37	-115.07	6.0	2.1
97	08	13	03	13	23.40	32.22	-115.59	6.0	2.8
97	08	13	04	14	55.20	35.93	-117.62	4.6	2.1
97	08	13	06	54	16.30	32.34	-115.10	6.0	2.0
97	08	13	10	37	44.70	32.29	-115.11	6.0	2.2
97	08	13	11	48	8.10	32.85	-118.37	14.8	2.6
97	08	13	14	43	56.50	34.15	-117.33	6.2	3.0
97	08	13	15	02	2.70	32.29	-115.13	6.0	3.0
97	08	13	16	02	35.30	36.06	-117.64	2.6	2.0
97	08	13	20	51	21.40	32.32	-115.12	6.0	2.1
97	08	14	00	01	25.20	35.79	-117.66	7.2	2.4
97	08	14	00	28	13.10	34.11	-116.93	4.4	2.1
97	08	14	03	19	35.60	32.35	-115.10	6.0	2.2
97	08	14	03	41	17.80	32.33	-115.12	6.0	2.2
97	08	14	03	52	32.40	32.25	-115.14	6.0	2.5
97	08	14	04	20	50.20	32.34	-115.10	6.0	2.0
97	08	14	05	53	46.30	32.31	-115.11	6.0	2.2
97	08	14	09	11	7.60	33.35	-116.44	0.0	2.0
97	08	14	13	24	40.20	33.00	-116.36	6.0	2.1
97	08	14	15	18	7.80	32.85	-118.39	15.6	2.3
97	08	14	15	29	51.10	32.31	-115.10	6.0	2.5
97	08	14	16	35	52.80	32.42	-115.05	6.0	2.2
97	08	14	18	55	31.10	33.08	-116.06	9.8	2.6
97	08	14	20	05	33.50	32.31	-115.12	6.0	2.4
97	08	14	20	40	34.10	34.42	-116.55	3.4	2.1

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	08	14	21	22	23.40	32.30	-115.13	6.0	2.2
97	08	14	21	33	51.30	32.12	-115.76	6.0	2.6
97	08	14	21	45	10.30	32.40	-115.17	6.0	2.0
97	08	14	23	26	49.10	32.33	-115.11	6.0	2.1
97	08	15	02	18	14.00	32.22	-115.78	6.0	2.1
97	08	15	02	45	47.10	32.31	-115.12	6.0	2.3
97	08	15	04	21	3.60	37.48	-117.36	6.0	2.2
97	08	15	05	51	39.90	34.35	-116.46	3.4	2.5
97	08	15	05	58	9.30	34.35	-116.46	3.7	2.4
97	08	15	08	14	15.00	34.44	-119.30	10.2	2.1
97	08	15	14	10	2.20	32.23	-115.78	6.0	2.4
97	08	15	15	07	7.90	33.26	-116.00	3.5	2.1
97	08	15	17	43	35.60	32.34	-115.09	6.0	2.4
97	08	15	18	03	6.00	35.75	-117.66	9.2	2.0
97	08	15	22	49	9.50	32.31	-115.11	6.0	2.1
97	08	15	22	51	56.50	32.31	-115.11	6.0	2.1
97	08	15	23	22	44.40	32.35	-115.10	6.0	2.5
97	08	16	00	32	24.10	32.34	-115.09	6.0	2.1
97	08	16	01	14	28.00	32.15	-115.79	6.0	3.0
97	08	16	01	33	26.80	32.36	-115.09	6.0	2.3
97	08	16	01	38	0.30	32.23	-115.18	6.0	2.1
97	08	16	02	08	33.70	34.27	-118.44	11.9	2.3
97	08	16	02	30	27.60	32.27	-115.83	6.0	2.2
97	08	16	02	52	44.20	36.40	-120.28	6.0	2.8
97	08	16	03	22	1.80	37.51	-118.72	6.0	2.5
97	08	16	05	56	29.40	32.33	-115.27	6.0	2.6
97	08	16	10	04	55.80	31.90	-115.83	6.0	2.3
97	08	16	18	36	5.40	32.32	-115.12	6.0	2.4
97	08	16	18	39	25.30	32.32	-115.12	6.0	2.3
97	08	16	20	22	19.50	32.67	-115.91	7.0	2.3
97	08	16	20	26	40.90	32.67	-115.90	7.4	2.0
97	08	16	23	09	24.30	32.32	-115.10	6.0	2.1
97	08	16	23	39	25.10	38.13	-118.80	6.0	2.7
97	08	17	00	51	6.50	32.32	-115.13	6.0	2.1
97	08	17	02	01	34.50	32.29	-115.11	6.0	2.1
97	08	17	02	05	36.60	32.29	-115.12	6.0	2.3
97	08	17	02	26	58.50	32.30	-115.14	6.0	2.2
97	08	17	02	27	11.70	37.45	-117.40	6.0	2.2
97	08	17	03	04	43.70	32.32	-115.12	6.0	2.2
97	08	17	06	28	44.60	31.86	-115.43	6.0	2.9
97	08	17	10	11	46.70	34.44	-116.47	1.6	2.3
97	08	17	13	03	24.10	37.53	-118.82	6.0	2.5
97	08	17	13	14	58.30	31.85	-115.54	6.0	2.3
97	08	17	13	54	28.90	36.08	-117.85	2.5	2.1
97	08	17	14	26	30.10	32.30	-115.11	6.0	2.2
97	08	17	15	34	55.90	31.75	-115.51	6.0	2.3
97	08	17	16	18	24.90	34.27	-118.56	12.0	2.4
97	08	17	16	19	13.00	34.27	-118.56	11.4	2.0
97	08	17	19	01	7.10	32.29	-115.13	6.0	2.2
97	08	17	20	20	9.70	34.32	-118.46	8.4	2.8
97	08	17	22	01	18.00	32.15	-115.80	6.0	2.5

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	08	17	22	54	26.20	32.31	-115.14	6.0	2.2
97	08	18	00	26	38.80	31.82	-115.53	6.0	2.3
97	08	18	00	59	19.80	37.54	-118.84	0.9	2.5
97	08	18	06	28	15.10	37.38	-118.70	6.0	2.8
97	08	18	07	35	29.60	31.81	-115.50	6.0	2.2
97	08	18	07	42	59.60	35.28	-118.55	3.2	2.1
97	08	18	07	44	56.60	35.36	-116.55	1.1	2.2
97	08	18	07	47	16.00	31.77	-115.52	6.0	2.4
97	08	18	08	13	45.00	32.99	-117.78	6.0	2.3
97	08	18	15	13	32.90	33.27	-116.01	3.6	2.5
97	08	18	18	52	4.30	36.26	-120.18	6.0	2.6
97	08	18	22	18	27.30	34.12	-116.99	5.3	2.5
97	08	19	02	51	60.00	31.90	-115.73	6.0	2.3
97	08	19	03	53	54.90	32.32	-115.08	6.0	2.4
97	08	19	05	55	52.40	37.49	-118.41	6.0	2.2
97	08	19	06	52	39.20	32.25	-115.80	6.0	2.1
97	08	19	09	39	3.20	32.22	-115.81	6.0	2.7
97	08	19	17	05	30.10	34.15	-117.33	9.0	2.3
97	08	19	19	25	51.80	32.23	-115.80	6.0	2.2
97	08	19	21	31	0.40	32.27	-115.79	6.0	2.2
97	08	19	21	37	18.80	34.11	-117.96	12.1	2.8
97	08	19	22	25	32.80	31.83	-115.44	6.0	2.6
97	08	19	22	25	32.90	35.28	-118.55	3.5	2.2
97	08	20	00 ·	53	33.50	32.40	-115.88	6.0	2.2
97	08	20	01	41	27.60	31.84	-115.44	6.0	2.9
97	08	20	01	54	17.00	34.26	-118.47	10.6	2.2
97	08	20	05	27	33.70	32.26	-116.44	6.0	2.0
97	08	20	09	26	5.30	32.25	-115.83	6.0	2.2
97	08	20	10	50	0.30	37.62	-118.82	6.0	2.4
97	08	20	11	52	47.00	32.22	-115.82	6.0	2.1
97	08	20	12	37	30.80	32.32	-115.14	6.0	2.1
97	08	20	12	44	46.50	32.29	-115.14	6.0	2.2
97	08	20	13	08	57.30	34.21	-117.59	4.0	2.2
97	08	20	14	33	15.60	31.33	-115.42	6.0	2.9
97	08	20	14	38	13.10	37.55	-118.73	6.0	2.6
97	08	20	18	47	11.80	33.50	-115.47	6.0	2.2
97	08	20	19	28	18.20	36.12	-120.04	6.0	2.4
97	08	20	20	25	30.20	32.72	-115.95	5.4	2.1
97	08	21	01	29	5.20	34.18	-118.52	6.7	3.3
97	08	21	01	50	46.10	32.03	-115.69	6.0	2.4
97	08	21	02	42	31.70	32.30	-115.14	6.0	2.2
97	08	21	02	51	7.20	34.17	-118.52	4.7	2.2
97	08	21	05	58	57.30	32.29	-115.14	6.0	2.5
97	08	21	07	08	5.90	34.33	-116.47	4.3	2.0
97	08	21	07	11	17.30	32.34	-115.10	6.0	2.0
97	08	21	12	18	27.10	34.17	-118.52	6.0	2.0
97	08	21	14	59	39.80	37.58	-118.82	6.0	2.6
97	08	21	15	35	35.00	38.58	-118.53	6.0	3.1
97	08	21	16	03	38.20	33.65	-116.71	14.1	2.1
97	08	22	01	35	21.00	32.34	-115.13	6.0	2.2
97	08	22	03	26	28.10	32.33	-115.12	6.0	2.0

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	08	22	04	31	35.80	32.33	-115.13	6.0	2.5
97	08	22	08	43	37.90	33.20	-115.57	4.3	2.4
97	08	22	10	02	51.10	32.19	-115.69	6.0	2.7
97	08	22	15	04	13.20	32.30	-115.15	6.0	2.0
97	08	22	18	13	26.40	34.28	-118.55	9.0	2.3
97	08	22	19	19	3.80	35.60	-118.36	2.5	2.1
97	08	22	19	46	21.60	32.19	-115.68	6.0	2.8
97	08	22	20	06	25.40	34.27	-118.48	10.3	2.0
97	08	22	20	57	49.00	33.15	-115.96	9.0	2.0
97	08	22	23	54	35.60	33.35	-116.44	6.0	2.0
97	08	23	07	41	52.20	34.32	-116.45	1.5	2.4
97	08	23	08	00	25.60	31.74	-116.00	6.0	2.6
97	08	23	08	55	16.40	32.32	-115.12	6.0	2.0
97	08	23	12	33	10.00	37.49	-118.85	6.0	2.9
97	08	23	13	05	21.30	35.78	-117.67	5.5	2.5
97	08	23	17	15	38.80	32.32	-115.13	6.0	2.1
97	08	23	17	49	18.80	32.16	-115.79	6.0	2.7
97	08	23	19	38	0.60	33.26	-116.01	2.0	2.3
97	08	23	19	46	37.60	32.63	-115.90	5.5	2.1
97	08	23	21	32	57.00	34.02	-116.81	20.8	2.1
97	08	23	21	58	58.50	32.30	-115.14	6.0	2.5
97	08	24	02	52	16.70	32.27	-115.29	6.0	2.6
97	08	24	05	06	51.80	32.30	-115.16	6.0	2.1
97	08	24	05	39	36.80	32.20	-115.68	6.0	2.2
97	08	24	06	42	10.50	32.17	-115.68	6.0	2.8
97	08	24	09	04	7.20	32.08	-115.09	6.0	2.5
97	08	24	09	29	28.30	31.93	-115.78	6.0	2.0
97	08	24	09	58	7.60	32.30	-115.14	6.0	2.0
97	08	24	10	11	38.10	35.78	-118.05	8.8	2.2
97	08	24	10	27	56.90	31.82	-115.47	6.0	2.2
97	08	24	13	43	36.60	35.78	-117.66	7.6	2.1
97	08	24	16	00	43.70	31.26	-116.18	6.0	2.8
97	08	24	16	57	36.50	32.32	-115.13	6.0	2.0
97	08	24	17	43	60.00	35.59	-118.36	1.7	3.3
97	08	24	20	05	40.90	31.81	-115.53	6.0	2.3
97	08	24	21	43	35.30	32.42	-116.52	6.0	2.1
97	08	24	21	56	42.50	34.85	-117.62	0.6	2.0
97	08	25	01	33	48.70	31.95	-115.76	6.0	2.3
97	08	25	02	38	41.70	32.73	-115.94	4.8	2.1
97	08	25	02	51	42.00	35.87	-119.84	6.0	2.4
97	08	25	04	39	21.20	32.26	-115.15	6.0	2.5
97	08	25	14	31	28.60	32.67	-115.75	6.0	2.0
97	08	25	17	09	45.50	32.82	-115.61	15.0	2.2
97	08	25	18	33	1.70	32.30	-115.14	6.0	2.2
97	08	25	18	35	55.20	32.32	-115.11	6.0	2.2
97	08	25	20	30	23.50	37.65	-118.77	6.0	2.8
97	08	26	01	45	49.30	32.29	-115.30	6.0	2.9
97	08	26	05	32	8.50	32.41	-115.17	6.0	2.4
97	08	26	08	25	57.40	32.41	-115.18	6.0	2.4
97	08	26	08	28	22.10	31.90	-115.78	6.0	2.9
97	08	26	12	05	12.80	34.02	-118.16	12.6	2.3

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	08	26	13	18	1.70	31.95	-115.79	6.0	2.4
97	08	26	23	41	9.10	34.17	-117.34	7.8	2.0
97	08	27	00	11	45.80	34.46	-119.23	16.8	2.2
97	08	27	06	00	30.90	34.17	-117.34	6.0	2.1
97	08	27	11	37	58.80	35.78	-117.61	7.0	2.2
97	08	27	14	51	25.20	36.72	-116.31	6.0	2.2
97	08	27	16	41	58.40	34.15	-116.43	2.8	2.2
97	08	27	18	32	24.50	33.96	-117.82	12.0	2.3
97	08	27	19	26	29.40	32.21	-115.79	6.0	2.2
97	08	27	20	02	12.60	33.96	-117.82	12.6	2.4
97	08	27	20	26	47.90	33.16	-115.67	4.2	2.1
97	08	27	23	29	56.50	34.16	-117.33	10.0	2.1
97	08	28	02	38	17.10	34.28	-118.55	14.1	2.1
97	08	28	04	51	46.20	31.96	-115.79	6.0	2.4
97	08	28	05	07	18.90	31.94	-115.83	6.0	2.6
97	08	28	07	44	6.30	34.34	-116.47	3.5	2.3
97	08	28	08	57	15.60	32.20	-115.80	6.0	2.2
97	08	28	19	20	35.80	35.78	-117.61	6.6	2.3
97	08	28	20	07	56.00	32.23	-115.81	6.0	2.1
97	08	28	23	08	42.00	32.37	-115.11	6.0	2.1
97	08	29	01	37	46.60	32.27	-115.15	6.0	2.0
97	08	29	07	04	42.90	32.65	-115.92	5.5	2.1
97	08	29	09	32	25.10	32.30	-115.15	6.0	2.3
97	08	29	14	48	16.30	32.65	-115.92	5.9	2.3
97	08	29	18	31	19.30	32.65	-115.92	5.6	2.4
97	08	29	19	16	48.50	34.16	-117.34	8.2	2.0
97	08	29	19	57	7.60	31.92	-115.82	6.0	2.8
97	08	29	20	51	6.30	31.94	-115.79	6.0	2.5
97	08	29	20	54	42.50	31.92	-115.79	6.0	2.5
97	08	30	02	09	56.70	35.25	-114.97	6.0	2.2
97	08	30	05	10	24.70	32.33	-115.12	6.0	2.0
97	08	30	09	31	49.60	31.94	-115.81	6.0	2.5
97	08	30	11	04	45.80	32.30	-115.15	6.0	2.1
97	08	30	11	43	29.40	37.69	-118.71	6.0	2.3
97	08	30	12	00	26.90	34.30	-118.43	9.0	2.5
97	08	30	12	00	35.30	34.31	-118.43	11.2	2.5
97	08	30	12	04	25.30	31.93	-116.31	6.0	2.3
97	08	30	13	51	18.50	35.72	-118.29	12.8	2.3
97	08	30	15	40	48.10	36.44	-117.04	6.0	2.1
97	08	30	22	39	31.70	34.90	-116.93	5.3	2.8
97	08	31	08	31	46.30	32.63	-115.92	6.0	2.3
97	08	31	09	46	37.90	31.93	-115.79	6.0	2.2
97	08	31	18	56	57.20	37.54	-118.87	6.0	2.3
97	08	31	19	19	38.50	32.17	-115.67	6.0	2.9
97	09	01	00	36	21.70	35.45	-118.43	6.4	3.5
97	09	01	02	21	5.70	32.22	-115.68	6.0	2.0
97	09	01	02	25	31.70	32.18	-115.70	6.0	2.0
97	09	01	02	36	11.90	32.17	-115.66	6.0	2.6
97	09	01	09	51	30.90	32.31	-115.13	6.0	2.1
97	09	01	11	49	30.10	37.63	-118.79	6.0	2.3
97	09	01	11	52	29.10	37.61	-118.80	6.0	2.6

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Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	09	01	15	56	38.50	32.33	-115.12	6.0	2.0
97	09	01	17	16	3.00	31.91	-115.81	6.0	2.1
97	09	01	22	12	56.50	33.16	-115.64	4.9	2.2
97	09	01	22	15	2.60	33.17	-115.64	4.7	2.2
97	09	02	13	47	35.90	34.15	-117.33	8.2	3.1
97	09	02	15	32	56.80	34.15	-117.33	6.0	2.8
97	09	02	15	47	42.70	33.35	-116.38	6.0	2.1
97	09	02	15	58	45.90	31.84	-115.56	6.0	2.6
97	09	03	00	49	55.30	36.03	-117.76	2.0	2.5
97	09	03	02	18	43.20	31.92	-115.80	6.0	2.4
97	09	03	03	46	25.50	33.46	-118.19	1.5	3.0
97	09	03	10	03	16.50	33.24	-119.16	6.0	2.5
97	09	03	14	16	32.50	31.97	-115.74	6.0	2.5
97	09	03	14	26	23.60	32.18	-115.77	6.0	2.2
97	09	03	14	26	47.80	32.39	-115.06	6.0	2.2
97	09	03	15	19	3.50	33.89	-118.60	4.0	2.2
97	09	03	20	22	57.90	32.23	-115.80	6.0	2.2
97	09	04	12	03	24.20	32.21	-115.82	6.0	2.5
97	09	05	01	37	53.90	31.28	-115.47	6.0	3.0
97	09	05	04	37	27.80	34.38	-118.62	14.6	2.5
97	09	05	08	20	47.90	34.87	-119.25	10.8	2.3
97	09	05	10	48	14.70	35.11	-119.09	10.4	2.1
97	09	06	04	07	56.10	31.85	-116.25	6.0	2.3
97	09	06	05 .	18	36.50	32.24	-115.82	6.0	2.0
97	09	06	11	38	50.50	34.15	-117.33	5.4	2.0
97	09	06	16	23	49.70	35.86	-117.83	10.4	3.1
97	09	06	17	18	2.70	32.23	-115.79	6.0	2.5
97	09	06	19	04	50.20	32.22	-115.81	6.0	2.3
97	09	07	17	26	23.70	33.01	-117.84	0.0	2.8
97	09	07	18	14	57.90	33.02	-117.86	6.0	2.4
97	09	07	21	18	29.40	35.51	-120.83	6.0	2.5
97	09	08	07	52	22.40	34.16	-116.43	0.0	2.0
97	09	08	11	30	0.90	37.57	-118.83	6.0	2.8
97	09	09	02	44	1.50	32.20	-115.80	6.0	2.6
97	09	09	05	28	21.40	31.90	-115.75	6.0	2.8
97	09	09	18	00	27.20	33.28	-116.10	2.5	2.0
97	09	10	08	32	28.00	37.55	-118.87	6.0	2.8
97	09	10	12	46	6.10	32.16	-115.79	6.0	2.2
97	09	10	12	57	23.90	33.95	-116.74	15.3	2.0
97	09	10	13	24	39.20	33.95	-116.74	14.9	2.0
97	09	10	17	00	8.10	32.99	-117.79	6.0	2.3
97	09	10	18	22	18.80	33.65	-117.05	0.0	2.0
97	09	10	19	15	43.70	32.13	-115.77	6.0	2.2
97	09	11	09	45	38.20	31.92	-115.63	6.0	2.5
97	09	11	16	06	43.70	31.91	-115.61	6.0	2.6
97	09	11	17	16	43.20	32.29	-115.13	6.0	2.4
97	09	11	18	31	46.60	33.32	-116.33	6.0	2.2
97	09	11	20	52	53.90	32.65	-115.90	4.0	2.0
97	09	11	21	56	35.40	32.48	-115.28	6.0	2.0
97	09	12	03	05	26.70	34.32	-118.76	7.5	2.2
97	09	12	06	16	58.40	34.04	-116.32	5.4	2.2

Table 5 (continued)

		Time	(GMT)			Location	coordinates	Depth	Magnitude
97	09	12	07	17	11.10	36.01	-120.27	6.0	2.3
97	09	12	12	29	34.90	36.12	-120.49	6.0	2.6
97	09	12	12	35	43.80	31.19	-115.57	6.0	2.7
97	09	12	13	36	54.90	36.89	-116.28	6.0	4.1
97	09	12	15	31	22.90	32.22	-115.79	6.0	2.2
97	09	12	16	20	41.00	36.03	-117.77	1.6	2.7
97	09	12	16	20	44.90	36.25	-120.28	6.0	3.3
97	09	12	17	03	16.70	34.81	-120.92	6.0	2.4
97	09	12	18	31	33.20	32.24	-115.77	6.0	2.2
97	09	12	20	18	53.60	34.62	-116.68	3.3	2.0
97	09	12	20	57	23.70	32.19	-115.75	6.0	2.7
97	09	12	23	47	5.10	34.16	-120.51	6.0	2.4
97	09	12	23	55	32.10	32.15	-115.78	6.0	2.6
97	09	13	02	42	21.60	31.91	-115.78	6.0	2.1
97	09	13	04	20	58.40	32.68	-115.70	3.3	2.2
97	09	13	06	55	7.00	32.24	-115.80	6.0	2.2
97	09	13	09	14	12.70	33.29	-119.27	20.3	2.2
97	09	13	10	53	16.50	32.07	-114.72	6.0	2.3
97	09	13	19	06	43.50	32.21	-115.80	6.0	2.2
97	09	13	20	28	34.80	36.03	-117.77	1.9	2.2
97	09	13	21	19	11.80	32.29	-115.14	6.0	2.3
97	09	13	22	26	30.30	31.70	-115.52	6.0	3.8
97	09	14	03	02	15.80	35.22	-117.24	4.8	2.3
97	09	14	03	43	35.00	32.24	-115.78	6.0	2.2
97	09	14	08	31	21.40	34.46	-119.01	6.1	3.3
97	09	14	13	20	13.70	32.32	-115.13	6.0	2.0
97	09	14	14	10	20.80	36.11	-117.65	0.0	2.0
97	09	14	17	45	31.30	34.36	-116.46	5.2	2.1
97	09	15	02	13	46.70	32.70	-115.41	19.0	2.7
97	09	15	02	54	59.00	36.01	-117.81	1.6	2.4
97	09	15	04	23	40.00	34.16	-116.44	6.6	2.1
97	09	15	05	03	43.70	32.20	-115.80	6.0	2.2
97	09	15	08	40	26.60	31.97	-115.77	6.0	2.1
97	09	15	10	55	30.50	36.10	-117.66	1.6	2.2
97	09	15	13	50	57.00	32.53	-115.28	6.0	2.5
97	09	15	15	09	55.50	33.17	-115.67	3.3	2.1
97	09	15	17	02	51.70	33.17	-115.66	1.7	2.0
97	09	15	17	04	31.20	32.31	-115.13	6.0	2.4
97	09	15	17	10	0.30	33.16	-115.65	4.7	2.7
97	09	15	18	12	35.00	37.70	-118.83	6.0	2.9
97	09	15	19	17	55.00	31.73	-116.72	6.0	2.9
97	09	15	19	26	34.10	37.65	-118.85	6.0	2.5
97	09	15	21	39	39.30	35.17	-117.25	5.5	2.4
97	09	15	23	57	9.80	32.01	-115.75	6.0	2.2
97	09	16	03	38	35.40	33.36	-116.31	1.2	2.1
97	09	16	04	43	21.20	35.79	-117.67	7.9	2.0
97	09	16	09	05	23.70	32.27	-115.13	6.0	2.7
97	09	16	09	38	57.80	33.93	-120.26	6.0	2.3
97	09	16	10	03	55.40	32.28	-115.14	6.0	3.0
97	09	16	10	21	48.60	32.29	-115.14	6.0	2.8
97	09	16	11	20	46.80	32.31	-115.13	6.0	2.2

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	09	16	12	08	16.30	32.31	-115.13	6.0	2.2
97	09	16	12	24	6.50	32.25	-115.10	6.0	2.3
97	09	16	15	13	57.60	32.30	-115.14	6.0	2.5
97	09	16	15	57	46.70	32.38	-115.13	6.0	2.4
97	09	16	15	59	55.40	32.30	-115.12	6.0	2.8
97	09	16	21	44	40.60	31.95	-115.79	6.0	2.8
97	09	17	03	14	52.80	35.03	-116.97	4.8	2.3
97	09	17	03	41	46.60	33.23	-116.24	6.0	2.1
97	09	17	04	36	34.80	34.26	-119.61	6.0	2.0
97	09	17	04	56	58.10	36.88	-116.10	6.0	2.4
97	09	17	05	41	46.10	32.32	-115.13	6.0	2.2
97	09	17	07	40	8.90	32.35	-115.14	6.0	2.1
97	09	17	07	44	28.80	32.33	-115.14	6.0	2.3
97	09	17	08	08	28.80	32.29	-115.15	6.0	2.9
97	09	17	09	26	16.30	31.22	-115.49	6.0	2.9
97	09	17	12	05	30.50	32.21	-115.79	6.0	2.0
97	09	17	15	13	30.00	32.66	-115.90	7.5	2.4
97	09	17	15	18	50.10	33.65	-117.96	6.0	2.4
97	09	17	17	34	46.50	32.38	-115.12	6.0	2.4
97	09	17	17	44	57.90	32.22	-115.80	6.0	2.5
97	09	17	20	16	5.80	32.54	-115.64	4.0	2.4
97	09	17	21	03	34.10	34.36	-118.74	16.4	2.7
97	09	17	22	13	0.80	32.53	-115.63	3.6	2.4
97	09	17	22	16	2.80	32.53	-115.63	3.2	2.5
97	09	17	22	16	9.40	32.58	-115.65	13.9	3.3
97	09	18	01	28	33.40	31.77	-115.77	6.0	2.4
97	09	18	01	45	8.60	34.98	-116.94	5.1	2.5
97	09	18	06	02	52.40	31.68	-115.95	6.0	2.5
97	09	18	12	36	48.10	33.94	-116.02	3.9	2.1
97	09	18	13	21	22.60	32.25	-115.13	6.0	2.4
97	09	18	14	00	45.70	33.80	-118.30	6.0	2.5
97	09	18	16	25	51.00	32.35	-115.13	6.0	2.1
97	09	18	23	47	21.00	32.26	-115.15	6.0	2.1
97	09	19	00	00	9.80	32.29	-115.14	6.0	2.2
97	09	19	07	20	26.20	36.15	-120.47	0.0	2.2
97	09	19	12	06	40.10	34.60	-116.27	6.0	2.7
97	09	19	14	31	50.40	34.42	-118.98	17.1	2.6
97	09	19	20	40	1.80	34.04	-116.36	1.7	2.2
97	09	19	21	07	29.60	34.14	-116.86	11.1	2.2
97	09	19	22	37	14.50	34.14	-116.86	10.2	4.1
97	09	19	22	39	52.20	34.15	-116.86	10.0	2.0
97	09	19	22	40	55.20	33.02	-117.82	6.0	2.7
97	09	20	19	55	8.00	32.26	-115.61	6.0	2.0
97	09	21	01	48	45.70	34.25	-117.82	7.9	2.6
97	09	21	02	25	20.50	31.93	-115.79	6.0	2.5
97	09	21	04	05	19.20	35.59	-118.36	1.5	2.9
97	09	21	06	45	55.90	36.12	-117.68	0.6	2.2
97	09	21	09	45	58.20	34.33	-116.46	4.3	2.5
97	09	21	09	55	25.20	32.54	-115.65	2.7	2.3
97	09	21	10	51	4.10	31.56	-115.85	6.0	2.5
97	09	21	14	00	25.60	36.17	-118.06	6.0	2.1

Table 5 (continued)

	Time (GMT)					Location coordinates		Depth	Magnitude
97	09	21	15	04	47.70	34.14	-116.88	7.6	2.0
97	09	21	20	19	0.20	34.31	-118.56	10.8	2.3
97	09	21	21	20	22.90	35.79	-117.66	7.5	2.3
97	09	21	23	17	8.30	35.79	-117.65	8.6	2.0
97	09	22	00	10	51.20	34.16	-116.86	5.4	2.0
97	09	22	01	03	17.60	33.51	-116.46	6.0	2.0
97	09	22	03	22	8.50	34.04	-116.37	5.5	2.0
97	09	22	13	13	33.30	34.98	-116.96	5.3	2.3
97	09	23	02	51	43.60	34.15	-117.33	8.6	2.0
97	09	23	09	38	8.70	32.28	-115.81	6.0	2.1
97	09	23	13	39	44.20	33.01	-117.78	6.0	2.0
97	09	23	13	54	4.30	34.14	-116.85	10.4	2.1
97	09	23	19	47	2.40	31.90	-115.60	6.0	2.9
97	09	23	20	34	56.60	33.55	-118.32	0.0	2.1
97	09	23	22	09	4.20	32.10	-115.73	6.0	2.2
97	09	24	16	25	18.50	32.96	-117.72	6.0	2.1
97	09	24	16	42	38.60	34.45	-117.93	9.3	2.0
97	09	24	20	22	55.30	31.67	-115.95	6.0	2.5
97	09	25	20	08	7.80	34.40	-118.35	5.2	3.4
97	09	25	21	51	46.80	35.79	-117.65	8.8	2.1
97	09	26	10	34	0.60	32.25	-115.30	6.0	2.6
97	09	26	16	40	59.80	32.53	-115.64	13.8	3.0
97	09	26	19	03	57.40	31.97	-115.71	6.0	2.3
97	09	27	00	24	27.90	33.13	-117.82	6.0	2.2
97	09	27	01	53	0.90	37.72	-118.78	6.0	3.0
97	09	27	07	28	46.20	36.06	-119.60	6.0	2.5
97	09	27	13	25	44.60	32.03	-117.47	6.0	2.2
97	09	27	13	26	53.90	32.06	-117.38	6.0	2.1
97	09	27	19	08	48.90	34.17	-117.33	6.3	2.5
97	09	28	06	13	54.60	36.10	-117.65	1.0	2.5
97	09	28	12	08	52.20	34.24	-119.49	14.0	2.0
97	09	28	15	57	22.90	34.30	-116.45	7.7	4.4
97	09	28	16	19	28.70	36.29	-118.33	6.0	2.3
97	09	28	16	32	54.50	34.30	-116.45	5.5	2.6
97	09	28	17	35	45.10	31.82	-115.53	6.0	2.6
97	09	28	19	55	33.00	37.69	-118.89	6.0	2.2
97	09	28	20	01	2.60	37.74	-118.83	6.0	2.6
97	09	29	00	33	43.80	31.64	-115.83	6.0	2.9
97	09	29	07	43	1.20	36.01	-117.40	0.6	2.2
97	09	29	11	06	42.00	36.01	-117.41	6.0	2.4
97	09	30	00	53	41.40	37.71	-119.07	6.0	2.9
97	09	30	04	52	16.80	33.80	-118.21	2.2	2.0
97	09	30	05	48	44.30	33.96	-116.32	7.8	2.6
97	09	30	20	49	49.60	34.31	-116.45	4.8	2.3
97	09	30	22	28	3.00	34.63	-116.53	0.9	2.6
97	09	30	22	31	0.90	34.64	-116.54	0.8	2.0
97	10	01	02	34	26.10	32.26	-115.73	6.0	2.5
97	10	01	03	27	3.10	33.50	-118.25	3.7	2.8
97	10	01	07	09	13.60	34.33	-116.47	3.0	2.1
97	10	01	09	23	38.10	34.31	-116.45	6.9	2.0
97	10	01	14	44	54.80	34.34	-116.46	6.9	2.6

Table 5 (continued)

97	Time (GMT)					Location coordinates		Depth	Magnitude
97	10	01	19	45	40.80	31.76	-115.50	6.0	2.6
97	10	02	00	23	34.50	36.10	-117.89	2.0	2.3
97	10	02	08	34	1.60	34.34	-116.46	4.6	2.3
97	10	02	08	48	40.80	32.18	-117.59	6.0	2.3
97	10	02	09	22	29.90	35.79	-117.66	7.6	2.0
97	10	02	18	33	50.80	34.26	-119.37	4.0	2.6
97	10	02	21	11	2.00	31.92	-115.77	6.0	2.3
97	10	02	23	27	33.90	33.07	-115.58	12.8	2.0
97	10	03	04	36	28.40	32.79	-115.44	15.5	2.4
97	10	03	07	38	37.50	32.41	-115.07	6.0	2.3
97	10	03	10	17	55.40	31.88	-115.76	6.0	2.2
97	10	03	10	39	50.30	31.85	-115.60	6.0	2.4
97	10	03	10	49	1.80	33.20	-115.57	3.8	2.1
97	10	03	14	56	4.40	31.93	-115.77	6.0	2.0
97	10	03	16	41	55.20	34.35	-116.46	0.0	2.2
97	10	03	22	02	51.90	32.71	-115.91	3.0	2.0
97	10	03	22	34	43.10	31.84	-115.84	6.0	2.5
97	10	04	03	52	10.30	34.14	-117.33	9.4	2.5
97	10	04	03	55	49.80	36.07	-119.85	6.0	2.5
97	10	04	05	02	14.80	32.25	-115.82	6.0	2.3
97	10	04	05	10	46.30	34.50	-118.32	3.3	3.1
97	10	04	08	41	25.60	33.70	-116.85	16.5	2.2
97	10	04	15	32	14.40	31.80	-115.81	6.0	2.7
97	10	04	15 -	42	55.90	31.89	-115.77	6.0	2.4
97	10	04	15	59	15.70	31.88	-115.78	6.0	2.0
97	10	04	16	02	9.60	31.88	-115.77	6.0	2.7
97	10	04	19	36	50.40	34.65	-116.52	4.5	2.9
97	10	04	21	08	13.30	34.34	-116.47	5.2	2.3
97	10	05	07	06	49.70	34.11	-117.33	17.3	2.1
97	10	05	14	06	47.40	34.28	-116.77	6.1	2.3
97	10	05	14	37	34.90	33.56	-118.35	0.0	2.1
97	10	05	16	08	11.60	33.69	-117.99	6.0	2.5
97	10	05	20	45	14.60	32.23	-115.78	6.0	2.1
97	10	05	23	10	53.60	33.78	-116.98	15.5	2.1
97	10	05	23	28	15.50	35.95	-120.53	8.9	3.5
97	10	06	04	25	26.80	32.27	-115.86	6.0	2.2
97	10	06	15	07	36.30	34.47	-116.51	3.5	2.2
97	10	06	18	29	39.50	35.78	-116.65	6.0	3.4
97	10	06	21	27	32.10	34.27	-118.47	10.7	3.0
97	10	07	06	18	18.50	31.93	-115.74	6.0	2.2
97	10	07	21	31	10.90	31.87	-115.79	6.0	2.7
97	10	08	01	23	25.80	37.78	-118.66	6.0	2.8
97	10	08	01	24	29.30	37.71	-118.94	6.0	3.1
97	10	08	02	36	30.90	35.97	-117.98	6.0	2.2
97	10	08	03	25	16.90	33.02	-117.85	6.0	2.2
97	10	08	03	34	16.40	35.94	-120.54	6.0	3.5
97	10	08	08	24	37.00	33.70	-115.95	4.1	2.1
97	10	08	16	59	35.20	33.55	-118.13	6.0	2.1
97	10	08	23	06	47.90	37.18	-118.89	6.0	2.3
97	10	09	01	08	8.50	36.01	-117.40	0.6	2.0
97	10	09	03	47	52.10	32.95	-116.03	9.4	2.1

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	10	09	04	11	41.20	35.11	-119.04	20.5	2.8
97	10	09	06	32	51.90	32.86	-115.99	7.8	2.2
97	10	09	07	13	24.00	32.60	-115.69	9.9	2.3
97	10	09	07	30	11.80	31.87	-115.85	6.0	2.7
97	10	09	11	47	52.30	34.36	-116.68	1.4	2.2
97	10	09	13	51	27.50	34.38	-116.47	1.5	2.2
97	10	10	09	16	19.60	32.20	-115.79	6.0	2.2
97	10	10	11	41	33.20	37.71	-118.96	6.0	3.0
97	10	10	18	17	16.00	33.94	-116.03	3.5	2.2
97	10	10	18	17	33.10	33.94	-116.02	3.3	2.0
97	10	10	18	17	40.10	33.94	-116.02	6.0	2.3
97	10	10	22	02	32.30	34.24	-119.71	6.0	2.2
97	10	10	23	55	59.30	33.16	-116.01	13.0	2.3
97	10	11	03	58	12.70	33.99	-116.83	11.6	2.6
97	10	11	11	04	11.60	34.18	-116.44	5.4	2.1
97	10	11	18	39	2.30	32.21	-115.82	6.0	2.6
97	10	11	19	03	13.10	33.76	-116.13	7.5	2.8
97	10	12	02	43	11.60	33.63	-118.59	6.0	2.6
97	10	12	08	56	49.90	33.94	-116.02	7.9	2.3
97	10	12	09	08	56.00	31.93	-115.75	6.0	2.1
97	10	13	01	44	19.00	34.35	-116.89	3.0	2.2
97	10	13	03	40	50.10	34.45	-119.20	17.9	2.7
97	10	13	06	11	32.50	34.18	-116.44	4.3	2.0
97	10	13	08 ·	00	14.00	34.18	-116.44	4.6	2.1
97	10	13	09	18	6.90	34.39	-118.64	13.5	2.0
97	10	13	09	41	37.20	33.18	-116.04	6.0	2.2
97	10	13	18	47	41.70	35.79	-117.62	5.4	2.0
97	10	14	11	00	0.80	36.21	-117.55	6.0	2.3
97	10	14	11	56	39.80	32.55	-118.00	6.0	2.5
97	10	14	14	13	19.70	35.37	-118.84	3.9	2.2
97	10	14	20	14	22.70	32.26	-115.23	6.0	2.2
97	10	14	22	31	33.70	34.11	-117.43	3.0	3.9
97	10	14	23	33	9.10	34.10	-117.44	4.6	2.0
97	10	15	01	15	23.00	33.73	-117.18	10.0	3.3
97	10	15	03	21	52.60	34.96	-116.84	2.5	3.2
97	10	15	09	23	15.20	34.14	-116.44	3.5	2.2
97	10	15	20	57	42.30	34.25	-117.68	7.7	2.2
97	10	16	03	49	21.00	34.25	-117.67	9.6	2.2
97	10	16	09	05	10.00	32.88	-115.69	7.7	2.5
97	10	16	09	37	54.60	34.02	-116.75	13.3	3.1
97	10	16	12	59	53.80	33.89	-119.61	10.5	2.3
97	10	16	16	02	29.80	34.22	-118.62	3.4	3.0
97	10	17	11	11	52.00	31.79	-115.77	6.0	2.2
97	10	18	02	43	25.00	32.32	-115.20	6.0	2.8
97	10	18	05	09	5.90	33.19	-115.57	2.4	2.3
97	10	18	13	19	46.50	33.35	-116.44	6.0	2.1
97	10	18	15	20	47.70	32.00	-115.73	6.0	2.4
97	10	18	20	57	16.10	33.42	-118.74	10.3	3.4
97	10	19	04	18	7.90	33.81	-119.29	6.0	2.3
97	10	19	04	20	11.90	33.94	-116.02	3.7	2.2
97	10	19	04	38	17.00	34.99	-116.95	5.9	2.8

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Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	10	19	07	37	27.60	33.63	-116.71	8.2	2.1
97	10	19	18	08	18.40	31.86	-115.82	6.0	2.3
97	10	20	06	56	8.60	31.50	-115.84	6.0	3.1
97	10	21	05	33	45.90	31.94	-115.71	6.0	2.1
97	10	21	07	18	51.20	31.84	-115.83	6.0	2.2
97	10	21	07	58	59.70	31.79	-115.47	6.0	2.6
97	10	21	11	15	47.40	33.26	-116.31	6.0	2.1
97	10	21	22	08	14.40	31.84	-115.50	6.0	2.7
97	10	22	10	14	23.20	32.05	-116.24	6.0	2.3
97	10	22	14	09	59.40	34.30	-116.45	6.0	3.0
97	10	22	15	42	29.10	33.97	-116.58	3.5	2.0
97	10	22	16	36	52.90	31.90	-115.80	6.0	3.0
97	10	22	18	14	48.50	32.72	-118.08	6.0	2.5
97	10	23	05	30	17.00	37.89	-118.72	6.0	3.0
97	10	23	11	55	51.90	34.39	-119.43	4.6	2.6
97	10	23	13	42	12.00	37.69	-118.90	6.0	2.6
97	10	23	18	58	30.90	34.98	-116.96	5.5	3.0
97	10	23	23	43	33.20	34.14	-120.14	6.0	2.3
97	10	24	06	33	2.50	32.17	-115.57	6.0	2.5
97	10	24	08	01	32.40	37.24	-118.80	6.0	2.1
97	10	24	09	24	40.20	31.89	-115.76	6.0	2.8
97	10	24	16	00	45.50	31.94	-115.61	6.0	2.3
97	10	24	17	27	20.20	32.86	-118.41	16.0	2.2
97	10	24	17	43	7.90	31.91	-115.81	6.0	2.6
97	10	24	18	14	47.60	35.78	-117.67	7.3	2.3
97	10	24	18	35	16.60	31.82	-115.49	6.0	2.7
97	10	25	00	39	55.70	37.69	-118.89	6.0	2.2
97	10	25	03	18	53.20	31.95	-115.79	6.0	2.3
97	10	25	03	45	44.80	31.87	-116.14	6.0	2.2
97	10	25	11	22	21.00	32.49	-115.24	6.0	2.2
97	10	25	20	48	12.50	31.97	-116.26	6.0	2.1
97	10	26	00	46	29.40	37.67	-118.85	6.0	2.5
97	10	26	04	02	40.90	34.25	-118.71	14.1	3.1
97	10	26	06	56	47.50	37.63	-118.93	6.0	2.7
97	10	26	07	03	34.80	37.77	-118.87	6.0	2.9
97	10	26	07	31	43.00	37.72	-118.89	6.0	2.7
97	10	26	08	18	45.30	37.72	-118.90	6.0	2.7
97	10	26	13	21	54.50	31.88	-115.79	6.0	2.1
97	10	26	13	44	21.50	31.70	-115.89	6.0	2.2
97	10	26	15	33	28.20	36.38	-117.96	6.0	2.1
97	10	26	16	54	30.60	34.25	-118.70	13.6	2.1
97	10	26	18	19	15.50	32.24	-115.60	6.0	2.3
97	10	26	22	35	29.10	37.70	-118.90	6.0	2.8
97	10	27	02	19	55.50	33.78	-116.16	0.0	2.2
97	10	27	03	01	36.80	34.15	-116.43	1.3	2.1
97	10	27	09	06	19.10	31.86	-115.72	6.0	2.0
97	10	27	13	07	53.80	34.43	-116.48	2.5	2.1
97	10	27	13	08	48.20	34.31	-116.45	8.8	2.2
97	10	27	16	41	15.10	33.18	-116.04	11.4	3.2
97	10	27	18	08	59.30	34.18	-116.44	5.3	2.6
97	10	27	23	50	51.90	33.17	-116.04	4.9	2.2

Table 5 (continued)

	Time (GMT)					Location coordinates		Depth	Magnitude
97	10	28	00	55	26.40	34.58	-116.54	4.7	2.0
97	10	28	00	57	6.50	31.73	-115.77	6.0	2.5
97	10	28	02	30	21.30	34.15	-116.42	1.1	2.0
97	10	28	02	57	56.10	34.15	-116.42	2.6	2.0
97	10	28	04	06	58.00	35.45	-118.43	7.3	3.4
97	10	28	04	44	47.70	31.94	-115.82	6.0	2.2
97	10	28	11	05	8.00	37.79	-118.87	6.0	3.3
97	10	28	21	06	24.90	34.95	-116.78	6.0	2.2
97	10	28	23	30	2.90	37.83	-118.87	6.0	2.9
97	10	29	02	04	11.10	34.48	-116.52	0.5	2.7
97	10	29	09	19	16.50	31.93	-115.77	6.0	2.3
97	10	29	10	00	28.50	37.35	-118.72	6.0	4.0
97	10	29	13	08	49.40	31.76	-115.79	6.0	2.0
97	10	29	13	44	22.70	32.06	-115.79	6.0	2.2
97	10	29	14	16	54.00	31.94	-115.79	6.0	2.1
97	10	29	15	31	26.10	37.75	-118.82	6.0	2.5
97	10	29	17	31	18.40	33.22	-116.08	2.8	2.1
97	10	29	19	05	45.70	35.90	-119.12	6.0	2.4
97	10	30	10	15	12.70	37.36	-118.80	6.0	2.6
97	10	30	10	31	10.40	32.19	-115.81	6.0	2.1
97	10	30	11	45	45.90	31.99	-115.69	6.0	2.1
97	10	30	14	25	13.40	36.03	-117.77	1.3	2.0
97	10	30	23	09	43.40	36.14	-119.59	6.0	2.8
97	10	30	23	36	38.30	35.73	-117.63	4.2	2.8
97	10	30	23	38	20.10	35.74	-117.63	4.8	2.2
97	10	31	01	46	55.50	36.30	-120.25	6.0	2.3
97	10	31	06	33	10.70	32.01	-116.29	6.0	2.2
97	10	31	07	41	22.30	34.00	-116.79	17.3	2.0
97	10	31	09	08	12.30	34.85	-117.45	5.3	2.3
97	10	31	14	45	43.90	34.98	-116.94	5.4	2.1
97	10	31	16	25	52.40	32.18	-115.79	6.0	2.4
97	10	31	18	24	49.70	31.93	-115.79	6.0	2.3
97	11	01	06	16	2.40	33.18	-116.04	5.0	2.4
97	11	01	10	45	47.50	37.68	-118.85	6.0	2.2
97	11	01	16	34	2.70	37.62	-118.89	6.0	2.5
97	11	01	16	34	17.20	37.68	-118.88	6.0	2.6
97	11	01	19	58	32.50	32.05	-115.71	6.0	2.5
97	11	01	22	24	17.20	37.65	-118.89	6.0	2.4
97	11	01	22	25	1.60	37.64	-118.89	6.0	2.1
97	11	01	22	54	8.20	37.69	-118.86	6.0	2.6
97	11	02	03	57	27.90	35.09	-117.49	7.0	2.5
97	11	02	10	51	30.10	37.64	-118.48	6.0	2.2
97	11	02	11	34	50.70	33.47	-116.43	6.0	2.3
97	11	02	11	55	50.10	37.66	-118.45	6.0	2.8
97	11	02	12	05	36.10	37.63	-118.48	6.0	2.2
97	11	02	12	56	5.40	37.87	-118.21	6.0	2.8
97	11	02	13	36	5.80	37.85	-118.23	6.0	2.6
97	11	02	14	10	43.40	37.85	-118.18	6.0	2.3
97	11	02	14	38	0.70	37.85	-118.21	6.0	2.4
97	11	02	15	03	4.20	37.87	-118.21	6.0	4.9
97	11	02	16	03	49.90	37.74	-118.35	6.0	2.4

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	11	02	16	22	53.10	37.86	-118.20	6.0	4.3
97	11	02	17	09	22.90	37.84	-118.20	6.0	2.2
97	11	02	18	34	39.10	37.67	-118.45	6.0	2.9
97	11	02	19	00	24.20	32.19	-115.57	6.0	2.3
97	11	02	19	01	42.10	37.82	-118.19	6.0	2.7
97	11	02	19	04	47.30	37.84	-118.21	6.0	2.9
97	11	02	19	11	30.10	37.88	-118.15	6.0	2.6
97	11	02	19	18	37.30	37.88	-118.17	6.0	2.8
97	11	02	19	20	0.50	37.85	-118.17	6.0	2.7
97	11	02	19	35	54.80	37.83	-118.19	6.0	3.5
97	11	02	19	49	39.80	37.82	-118.18	6.0	2.2
97	11	02	19	52	35.60	37.87	-118.19	6.0	2.4
97	11	02	20	10	39.50	37.88	-118.16	6.0	2.5
97	11	02	20	35	39.50	37.88	-118.18	6.0	2.4
97	11	02	20	44	56.40	37.88	-118.20	6.0	2.4
97	11	02	20	53	25.10	37.86	-118.17	6.0	2.4
97	11	02	21	02	53.90	37.85	-118.16	6.0	2.1
97	11	02	21	21	50.50	37.88	-118.15	6.0	2.9
97	11	02	21	22	12.60	37.83	-118.17	6.0	3.0
97	11	02	22	29	45.80	37.87	-118.16	6.0	2.8
97	11	02	22	58	5.80	37.82	-118.18	6.0	2.2
97	11	02	23	24	4.80	37.87	-118.19	6.0	2.3
97	11	03	00	05	40.80	37.82	-118.20	6.0	2.6
97	11	03	01	08	16.30	37.65	-118.25	6.0	2.2
97	11	03	01	25	59.00	37.87	-118.15	6.0	2.3
97	11	03	01	44	47.60	34.15	-116.43	2.7	2.4
97	11	03	02	14	50.30	37.85	-118.15	6.0	2.1
97	11	03	02	24	17.70	32.25	-115.57	6.0	2.0
97	11	03	03	10	56.30	37.83	-118.18	6.0	2.3
97	11	03	04	29	26.20	33.87	-117.84	6.0	2.2
97	11	03	06	09	23.80	37.86	-118.17	6.0	2.2
97	11	03	06	17	7.50	37.80	-118.19	6.0	2.5
97	11	03	06	21	15.90	37.80	-118.22	6.0	2.4
97	11	03	11	13	57.30	37.65	-118.48	6.0	2.2
97	11	03	11	43	43.40	31.71	-115.98	6.0	2.6
97	11	03	12	24	57.10	37.69	-118.29	6.0	2.1
97	11	03	12	28	33.20	37.85	-118.19	6.0	2.6
97	11	03	12	37	12.40	34.42	-116.48	1.5	2.0
97	11	03	16	26	51.90	37.67	-119.02	6.0	2.6
97	11	03	18	46	31.10	34.94	-116.93	0.0	2.3
97	11	03	18	58	45.60	32.20	-115.56	6.0	2.4
97	11	04	01	01	29.50	37.65	-118.86	6.0	3.0
97	11	04	01	34	18.60	37.64	-118.86	4.1	2.3
97	11	04	01	35	20.50	37.62	-118.88	6.0	2.3
97	11	04	02	08	8.20	36.08	-117.65	2.2	2.2
97	11	04	03	03	44.30	37.66	-118.87	6.0	2.2
97	11	04	07	02	54.20	37.83	-118.19	6.0	2.4
97	11	04	09	46	15.50	37.65	-118.86	6.0	2.5
97	11	04	10	36	54.00	34.27	-117.03	2.9	2.3
97	11	04	13	02	44.50	37.65	-118.87	6.0	3.4
97	11	04	13	14	3.30	37.66	-118.86	6.0	3.0

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	11	04	13	14	32.00	37.69	-118.85	6.0	3.2
97	11	04	14	36	21.80	34.10	-117.43	4.4	3.6
97	11	04	15	05	20.40	37.63	-118.87	6.0	2.2
97	11	04	20	44	46.70	37.65	-118.86	6.0	2.6
97	11	04	22	37	6.10	32.15	-115.81	6.0	2.5
97	11	04	22	43	16.40	32.67	-118.05	6.0	3.4
97	11	05	00	19	3.70	37.64	-118.98	6.0	2.9
97	11	05	00	55	7.10	35.78	-117.65	8.1	2.6
97	11	05	03	36	17.70	37.68	-118.85	6.0	2.6
97	11	05	03	48	20.60	33.86	-117.03	10.3	2.0
97	11	05	05	01	59.60	37.68	-118.85	6.0	2.5
97	11	05	05	08	8.10	37.88	-118.15	6.0	2.3
97	11	05	05	59	6.00	37.64	-118.85	6.0	2.4
97	11	05	06	07	21.90	37.65	-118.86	6.0	2.6
97	11	05	07	06	23.60	37.62	-118.95	6.0	2.4
97	11	05	07	26	27.70	37.60	-118.88	6.0	2.3
97	11	05	08	04	24.80	37.64	-118.88	6.0	2.3
97	11	05	08	25	59.40	37.68	-118.23	6.0	2.4
97	11	05	08	28	22.90	31.92	-115.74	6.0	2.1
97	11	05	08	52	14.80	37.79	-118.22	6.0	2.3
97	11	05	10	05	37.40	37.81	-118.23	6.0	2.7
97	11	05	10	37	53.80	33.90	-118.31	15.3	2.2
97	11	05	14	11	30.20	31.74	-115.54	6.0	2.1
97	11	05	14	54	45.10	36.10	-117.66	1.4	2.5
97	11	05	17	28	25.80	34.33	-116.77	7.1	2.1
97	11	05	18	30	25.40	32.12	-115.86	6.0	2.5
97	11	05	19	20	29.70	31.88	-115.71	6.0	2.4
97	11	05	23	00	8.20	37.24	-117.86	6.0	4.2
97	11	05	23	04	10.10	37.25	-117.85	6.0	3.4
97	11	06	01	13	4.80	35.77	-117.65	8.1	2.4
97	11	06	02	10	2.80	33.87	-117.83	4.9	2.0
97	11	06	04	25	8.20	32.56	-118.12	6.0	2.2
97	11	06	04	33	43.50	34.98	-116.95	5.2	3.9
97	11	06	06	06	28.30	37.65	-118.86	6.0	2.3
97	11	06	10	01	57.90	37.85	-118.19	6.0	2.9
97	11	06	11	56	54.90	37.60	-118.92	6.0	2.6
97	11	06	12	07	14.60	37.61	-118.91	6.0	2.1
97	11	06	13	51	31.20	37.65	-118.81	6.0	2.3
97	11	06	15	41	27.80	34.34	-119.29	8.0	2.1
97	11	06	16	17	16.20	37.31	-117.84	6.0	2.4
97	11	06	16	39	24.30	37.73	-118.27	6.0	2.3
97	11	07	01	23	25.10	37.82	-118.21	6.0	2.6
97	11	07	03	16	38.40	37.77	-118.24	6.0	2.4
97	11	07	03	24	42.60	33.82	-115.56	4.1	2.2
97	11	07	08	07	30.00	32.02	-116.31	6.0	2.0
97	11	07	08	58	29.50	37.87	-118.24	6.0	3.4
97	11	07	09	17	52.80	37.66	-118.92	6.0	2.8
97	11	07	12	54	43.10	37.67	-118.88	6.0	2.8
97	11	07	13	01	43.60	37.71	-118.86	6.0	2.4
97	11	07	15	17	49.40	37.71	-118.87	6.0	3.2
97	11	07	16	32	27.00	35.75	-117.62	4.7	3.0

Table 5 (continued)

		Time (GMT)				Location coordinates		Depth	Magnitude
97	11	08	06	43	40.40	33.05	-117.87	6.0	2.4
97	11	08	11	21	53.20	37.68	-118.89	6.0	2.1
97	11	08	12	15	46.50	35.94	-119.84	6.0	2.3
97	11	08	14	59	32.80	32.03	-114.95	6.0	2.5
97	11	08	16	18	3.70	37.67	-118.97	6.0	2.0
97	11	08	16	30	41.70	32.27	-115.22	6.0	2.9
97	11	08	17	44	2.30	31.95	-116.30	6.0	2.6
97	11	08	19	49	25.50	33.92	-120.32	6.0	2.3
97	11	09	00	39	50.60	37.68	-118.86	6.0	2.1
97	11	09	02	18	34.10	37.70	-118.86	6.0	2.7
97	11	09	04	20	1.50	33.92	-120.30	6.0	2.6
97	11	09	08	33	53.00	36.14	-120.08	6.0	2.6
97	11	09	11	12	7.30	34.17	-116.83	9.6	2.1
97	11	09	15	42	55.00	33.19	-116.02	6.0	2.0
97	11	10	01	35	46.10	37.80	-118.23	6.0	3.0
97	11	10	04	26	39.00	37.80	-118.23	6.0	2.5
97	11	10	04	50	38.60	37.81	-118.22	6.0	2.3
97	11	10	05	40	2.40	37.85	-118.19	6.0	3.3
97	11	10	23	05	25.50	37.62	-118.87	6.0	2.9
97	11	10	23	13	54.30	37.60	-118.88	6.0	2.4
97	11	11	00	04	45.90	37.61	-118.87	6.0	2.7
97	11	11	06	56	23.40	37.62	-118.87	6.0	2.8
97	11	11	16	29	9.60	33.49	-118.06	6.0	2.9
97	11	11	20	09	22.40	33.88	-117.79	3.9	2.1
97	11	11	20	33	53.30	37.83	-118.19	6.0	2.9
97	11	11	20	40	10.70	37.87	-118.16	6.0	2.6
97	11	11	20	48	8.40	37.84	-118.16	6.0	2.7
97	11	12	02	27	4.20	37.61	-118.87	6.0	2.0
97	11	12	04	05	28.10	37.65	-118.87	6.0	2.3
97	11	12	05	42	24.60	37.62	-118.87	6.0	2.2
97	11	12	05	52	19.60	37.67	-118.85	6.0	2.5
97	11	12	08	41	32.60	36.84	-116.14	6.0	2.8
97	11	12	13	37	35.90	37.63	-118.90	6.0	2.7
97	11	12	14	41	18.90	34.02	-116.33	5.0	2.1
97	11	12	14	47	48.20	34.60	-116.62	4.0	2.0
97	11	12	14	51	7.80	37.65	-118.89	6.0	2.0
97	11	12	16	39	35.30	36.40	-117.88	6.0	2.1
97	11	12	18	04	12.10	37.62	-118.91	6.0	2.3
97	11	12	21	36	7.00	36.12	-120.10	6.0	2.6
97	11	13	06	49	57.90	33.97	-116.59	5.5	2.0
97	11	13	09	27	49.40	37.47	-118.79	6.0	2.2
97	11	13	10	47	56.50	33.48	-116.45	13.7	2.6
97	11	13	12	22	43.00	37.66	-118.89	6.0	2.3
97	11	13	12	31	59.60	31.93	-117.25	6.0	2.6
97	11	13	12	34	50.40	37.60	-118.93	6.0	2.0
97	11	13	12	35	7.90	37.65	-118.90	6.0	2.9
97	11	13	12	50	30.10	37.65	-118.90	6.0	3.1
97	11	13	13	26	59.20	37.65	-118.91	6.0	2.9
97	11	13	14	46	4.50	33.81	-118.46	6.0	2.0
97	11	13	15	16	13.50	37.47	-118.78	6.0	2.2
97	11	13	19	42	22.40	37.66	-118.89	6.0	3.9

Table 5 (continued)

Time (GMT)						Location coordinates		Depth	Magnitude
97	11	13	20	33	19.00	37.61	-118.89	6.0	2.7
97	11	13	20	45	35.00	37.65	-118.89	6.0	2.1
97	11	13	23	05	23.40	37.69	-118.88	6.0	2.5
97	11	13	23	23	3.70	37.67	-118.88	6.0	3.0
97	11	13	23	35	33.90	37.69	-118.88	5.5	2.4
97	11	14	00	23	51.70	37.65	-118.89	6.0	2.3
97	11	14	01	13	19.00	37.66	-118.90	6.0	2.7
97	11	14	06	53	28.90	35.66	-118.27	11.6	3.6
97	11	14	14	45	48.60	37.62	-118.80	6.0	2.5
97	11	14	19	31	34.20	32.78	-116.81	14.7	2.3
97	11	14	19	56	30.10	37.51	-118.82	6.0	2.2
97	11	15	03	34	24.70	33.22	-116.10	1.7	2.2
97	11	15	06	00	21.00	37.23	-117.88	6.0	4.7
97	11	15	06	42	30.20	37.22	-117.95	6.0	3.5
97	11	15	08	19	57.80	34.97	-116.94	0.0	2.2
97	11	15	10	16	42.20	31.89	-115.77	6.0	2.0
97	11	15	10	43	55.20	37.26	-117.93	6.0	2.8
97	11	15	11	24	57.40	37.28	-117.81	6.0	2.2
97	11	15	11	28	4.60	37.29	-117.91	6.0	2.7
97	11	15	12	40	43.00	37.28	-117.88	6.0	2.2
97	11	15	12	44	20.00	37.62	-118.94	6.0	2.3
97	11	15	17	20	40.10	37.63	-118.99	6.0	3.1
97	11	15	20	07	57.40	34.95	-116.93	0.0	2.2
97	11	15	22.	45	29.20	37.29	-117.85	6.0	2.4
97	11	15	23	05	45.90	37.20	-118.02	6.0	2.3
97	11	16	00	34	43.60	37.25	-117.84	6.0	2.7
97	11	16	14	57	25.90	31.74	-116.01	6.0	2.8
97	11	16	14	57	55.20	37.64	-118.88	6.0	2.5
97	11	16	15	47	18.00	33.18	-116.04	0.4	2.1
97	11	16	18	12	19.70	37.69	-118.86	6.0	2.8
97	11	17	00	10	47.80	37.22	-117.98	6.0	2.4
97	11	17	06	25	18.70	35.66	-118.27	11.9	2.9
97	11	17	06	27	37.60	31.93	-115.76	6.0	2.1
97	11	17	06	38	44.50	32.98	-116.45	12.8	2.0
97	11	17	08	54	55.70	32.98	-116.45	12.5	2.1
97	11	17	10	34	58.00	37.65	-118.87	6.0	2.1
97	11	17	11	14	27.30	37.62	-118.88	6.0	2.1
97	11	17	12	27	47.40	37.64	-118.94	6.0	2.6
97	11	17	12	32	48.40	37.69	-118.93	6.0	2.8
97	11	17	13	20	33.50	36.52	-118.11	6.0	2.2
97	11	17	13	25	30.60	37.63	-118.94	6.0	2.8
97	11	17	13	25	30.60	37.63	-118.94	6.0	2.9
97	11	17	15	22	8.00	38.10	-119.16	6.0	2.8
97	11	17	16	43	55.20	33.13	-115.62	9.4	2.0
97	11	17	18	38	34.10	34.15	-117.33	9.3	2.0
97	11	17	18	42	40.20	34.15	-117.33	11.9	2.2
97	11	17	19	57	21.80	37.62	-118.87	6.0	2.4
97	11	17	21	30	18.40	37.69	-118.87	6.0	2.5
97	11	17	22	43	4.70	36.06	-117.64	2.5	2.2
97	11	18	01	33	35.30	37.64	-118.94	6.0	2.7
97	11	18	01	38	19.30	37.64	-118.94	6.0	2.7

Time (GMT)						Location coordinates		Depth	Magnitude
97	11	18	01	56	6.10	37.69	-118.93	6.0	3.0
97	11	18	02	01	46.10	37.59	-118.95	6.0	2.7
97	11	18	03	44	52.50	37.64	-118.94	6.0	2.2
97	11	18	03	52	46.60	36.19	-117.18	6.0	2.4
97	11	18	06	52	6.40	33.14	-115.62	4.2	2.1
97	11	18	08	34	7.90	36.02	-117.89	3.6	2.2
97	11	18	08	59	32.70	36.24	-117.08	6.0	2.4
97	11	18	11	44	13.30	37.61	-118.88	6.0	2.5
97	11	18	12	21	12.80	37.66	-118.93	6.0	2.4
97	11	18	12	43	24.60	37.66	-118.93	6.0	2.2
97	11	18	12	48	54.50	37.64	-118.95	6.0	2.6
97	11	18	13	48	0.60	32.17	-115.38	6.0	3.1
97	11	18	14	41	20.60	37.88	-118.18	6.0	2.4
97	11	18	16	05	1.80	37.63	-118.95	6.0	2.4
97	11	18	16	37	39.10	37.66	-118.87	6.0	2.4
97	11	18	17	45	15.50	37.76	-118.17	6.0	2.4
97	11	18	19	23	2.30	37.63	-118.95	6.0	2.9
97	11	19	04	57	29.70	31.79	-115.52	6.0	2.3
97	11	19	05	34	8.40	31.91	-115.80	6.0	2.1
97	11	19	06	50	3.60	31.88	-115.81	6.0	2.6
97	11	19	07	03	54.40	33.18	-116.04	6.0	2.2
97	11	19	07	37	38.80	31.97	-115.72	6.0	2.1
97	11	19	09	52	26.30	34.00	-116.40	9.7	2.3
97	11	19	10	48	45.90	37.70	-118.92	6.0	2.5
97	11	19	13	03	58.60	37.64	-118.94	6.0	2.6
97	11	19	13	04	58.90	37.61	-118.95	6.0	2.0
97	11	19	16	24	18.70	37.29	-117.86	6.0	2.2
97	11	19	16	35	31.30	37.67	-118.93	6.0	2.5
97	11	19	17	19	48.60	34.12	-116.84	5.7	2.0
97	11	19	17	21	20.40	37.64	-118.94	6.0	2.9
97	11	19	17	24	46.40	37.64	-118.94	6.0	2.8
97	11	19	20	11	0.40	37.21	-117.98	6.0	2.4
97	11	19	21	06	36.70	33.38	-116.96	0.0	2.4
97	11	19	22	30	55.20	35.79	-117.62	6.4	2.2
97	11	19	23	51	1.00	37.62	-118.98	6.0	2.9
97	11	20	00	41	41.80	34.27	-116.87	5.4	2.5
97	11	20	14	20	58.50	36.06	-117.64	2.5	2.2
97	11	20	14	24	35.70	36.06	-117.64	2.7	2.3
97	11	20	18	32	34.50	32.14	-116.45	6.0	2.5
97	11	21	07	53	38.90	35.07	-118.45	5.4	2.3
97	11	21	08	05	5.80	37.65	-118.97	6.0	2.5
97	11	21	12	31	46.00	36.06	-117.64	2.1	2.1
97	11	21	17	15	4.10	36.09	-120.12	6.0	2.4
97	11	21	18	33	43.20	33.17	-116.04	6.0	2.1
97	11	21	22	11	47.80	32.36	-115.37	6.0	2.2

Table 6. Values for the free period, generator constant, and damping ratio for each sensor. (a) Channel 4 refers to the vertical component, (b) channel 5 refers to north-south, and (c) channel 6 refers to east-west. Most recent calibrations performed on July 23 and 24, 1997. Each number shown is the mean of positive and negative pulse polarities. Note that these factors can be different for different channels of the same station.

Table 6a (channel 4-vertical component)

Station No.	Free Period (s)	Generator Constant (volts/m/s)	Damping Ratio	
101	0.9387	410.578	0.6794	
102	0.9109	423.491	0.6968	
103	0.9307	411.165	0.6920	
104	0.8648	414.037	0.6055	
105	0.9465	403.737	0.7563	
106	0.8597	415.573	0.6160	
107	0.9208	423.072	0.7282	
108	0.9141	406.171	0.6309	
109	0.8943	414.451	0.6836	
110	0.8878	397.604	0.6131	
111	0.9107	414.280	0.6698	
112	0.9248	431.865	0.7013	
113	0.8532	426.281	0.6204	3/5/97-4/3/97
113	-	-	-	4/3/97-4/28/97
113	0.9149	424.549	0.7024	4/28/97-11/21/97
114	0.8704	406.188	0.5942	
115	0.8910	398.819	0.6481	
116	-	-	-	3/28/97-4/28/97
116	0.7951	422.246	0.5626	
117	0.9173	418.681	0.6970	
118	0.9190	403.923	0.6897	

Table 6b (channel 5-north-south component)

Station No.	Free Period (s)	Generator Constant (volts/m/s)	Damping Ratio	
101	0.9572	417.118	0.7568	
102	0.9110	416.052	0.7621	
103	0.9333	424.873	0.7160	
104	0.9298	400.956	0.7183	
105	0.9148	418.181	0.7848	
106	0.8802	424.180	0.7505	
107	0.9553	408.403	0.7518	
108	0.9268	410.252	0.7094	
109	0.9428	405.346	0.7669	
110	0.9525	414.946	0.7168	
111	0.9250	407.203	0.7433	
112	0.9565	431.275	0.7823	
113	0.9247	415.799	0.7307	3/5/97-4/3/97
113	-	-	-	4/3/97-4/28/97
113	0.8810	436.673	0.8482	4/28/97-11/21/97
114	0.9465	412.503	0.7251	
115	0.9610	418.470	0.7754	
116	-	-	-	3/28/97-4/28/97
116	0.9357	420.660	0.7684	
117	0.9291	414.988	0.7562	
118	0.9777	407.180	0.7534	

Table 6c (channel 6-east-west component)

Station No.	Free Period (s)	Generator Constant (volts/m/s)	Damping Ratio	
101	0.9380	410.789	0.7356	
102	0.9362	415.559	0.7793	
103	0.9509	424.444	0.7683	
104	0.9351	411.762	0.7280	
105	0.9008	410.205	0.7087	
106	0.9469	416.840	0.7596	
107	0.9439	409.054	0.7750	
108	0.9302	406.088	0.7570	
109	0.9371	419.524	0.7821	
110	0.9398	413.370	0.7224	
111	0.9524	426.068	0.7839	
112	0.9374	420.365	0.7467	
113	0.9163	418.430	0.7435	3/5/97-4/3/97
1137	-	-	-	4/3/97-4/28/97
113	0.9456	424.922	0.7533	4/28/97-11/21/97
114	0.9554	426.938	0.7360	
115	0.9488	413.944	0.7832	
116	-	-	-	3/28/97-4/28/97
116	0.9150	417.630	0.7470	
117	0.9362	426.648	0.7874	
118	0.9417	422.541	0.7934	
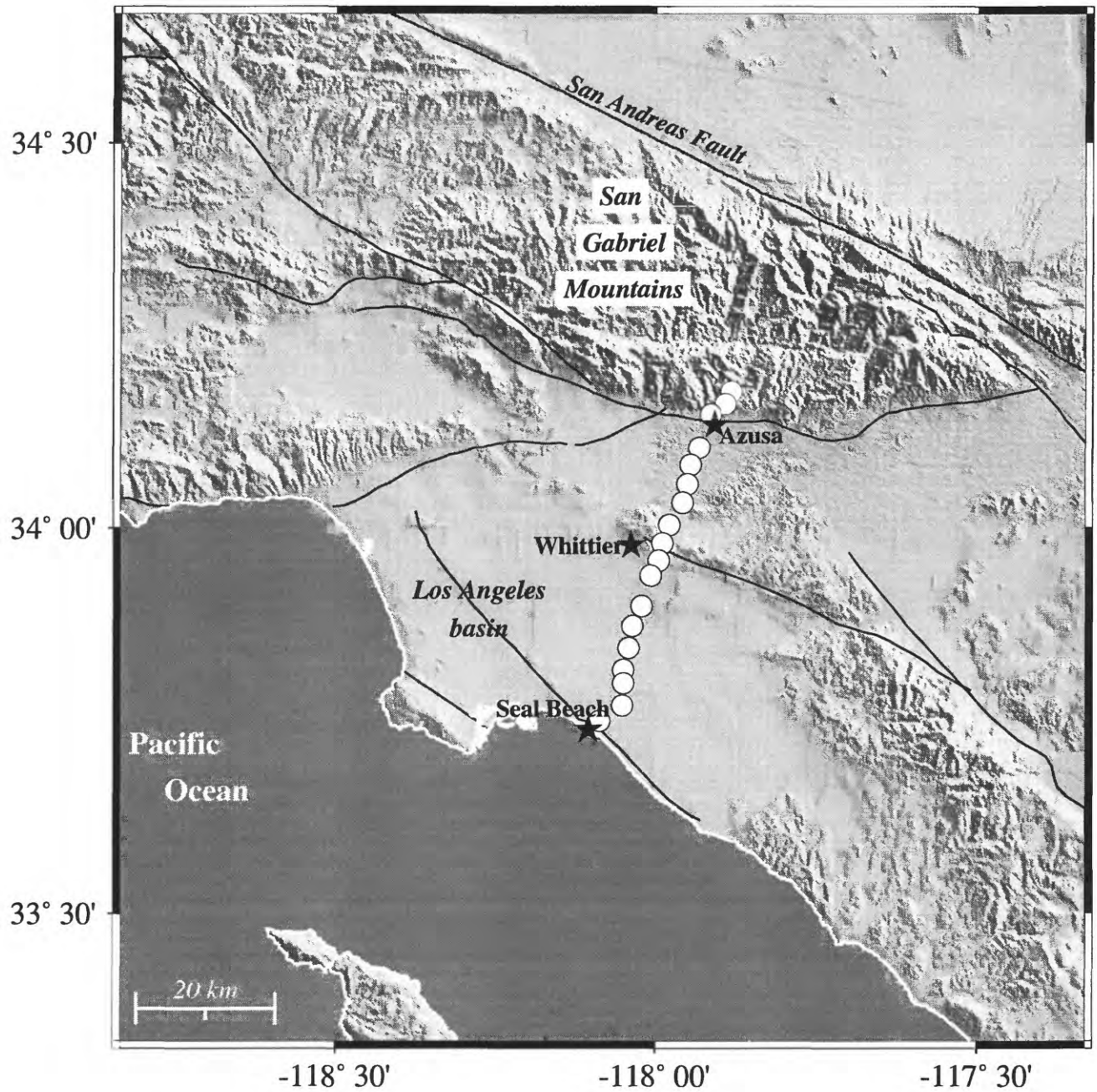
Figure 1. Topographic relief map showing locations of the 1997 Los Angeles Basin Passive Seismic Experiment stations (circles). City locations are indicated by stars.
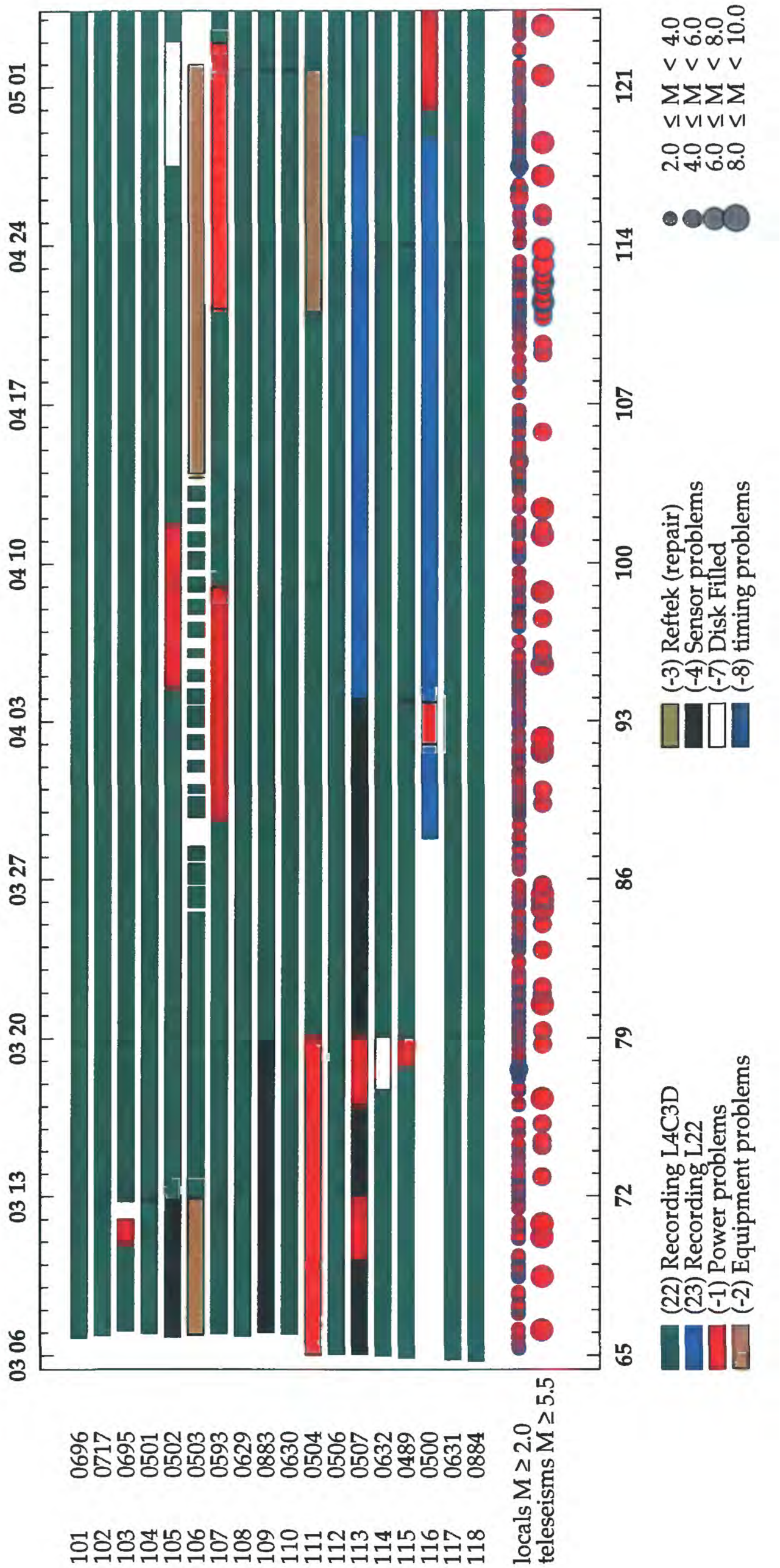
Figure 2. Experiment timeline.

Figure 2 (continued).

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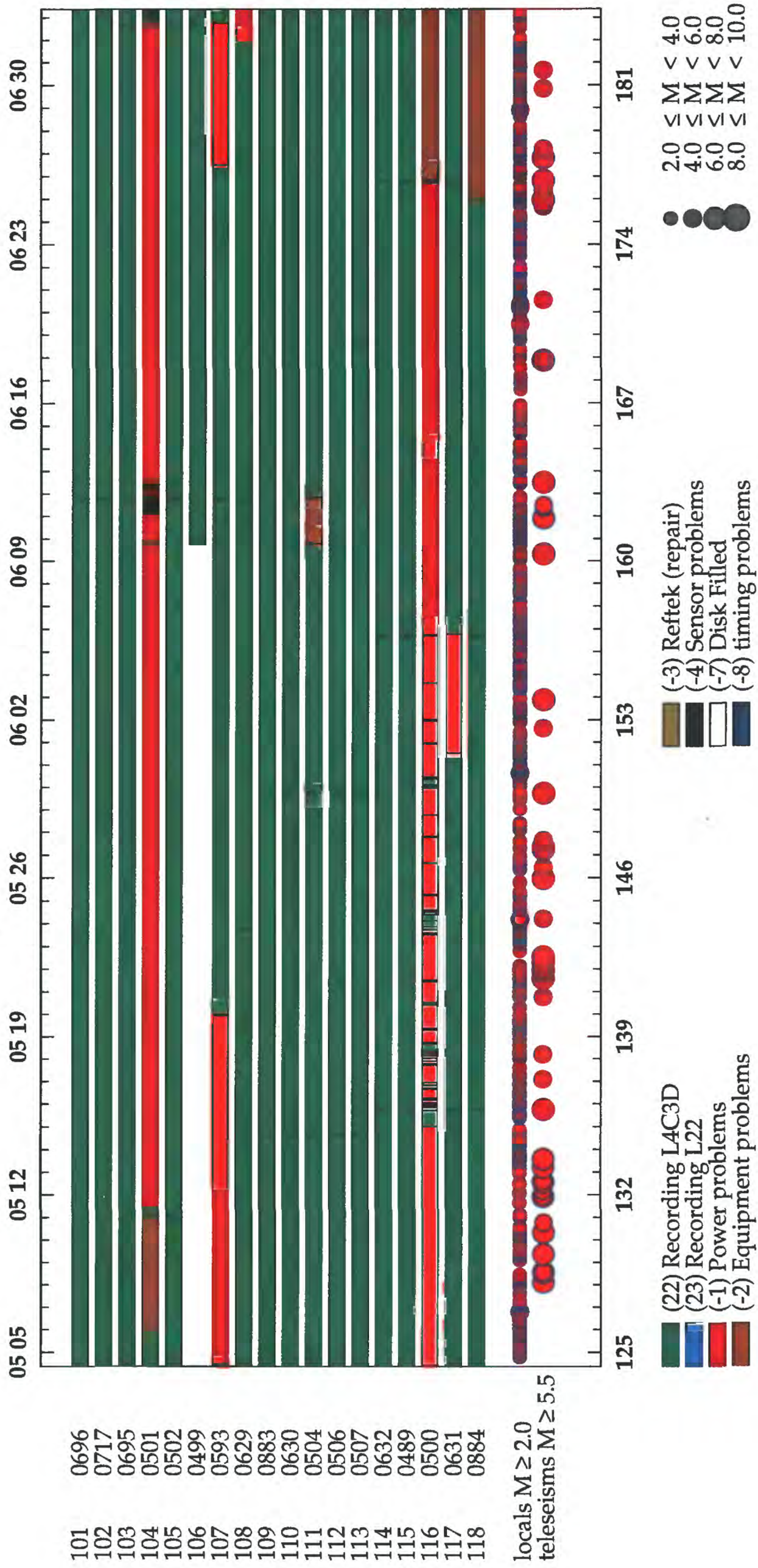
1997 Los Angeles Basin Passive Seismic Experiment

Figure 2 (continued).

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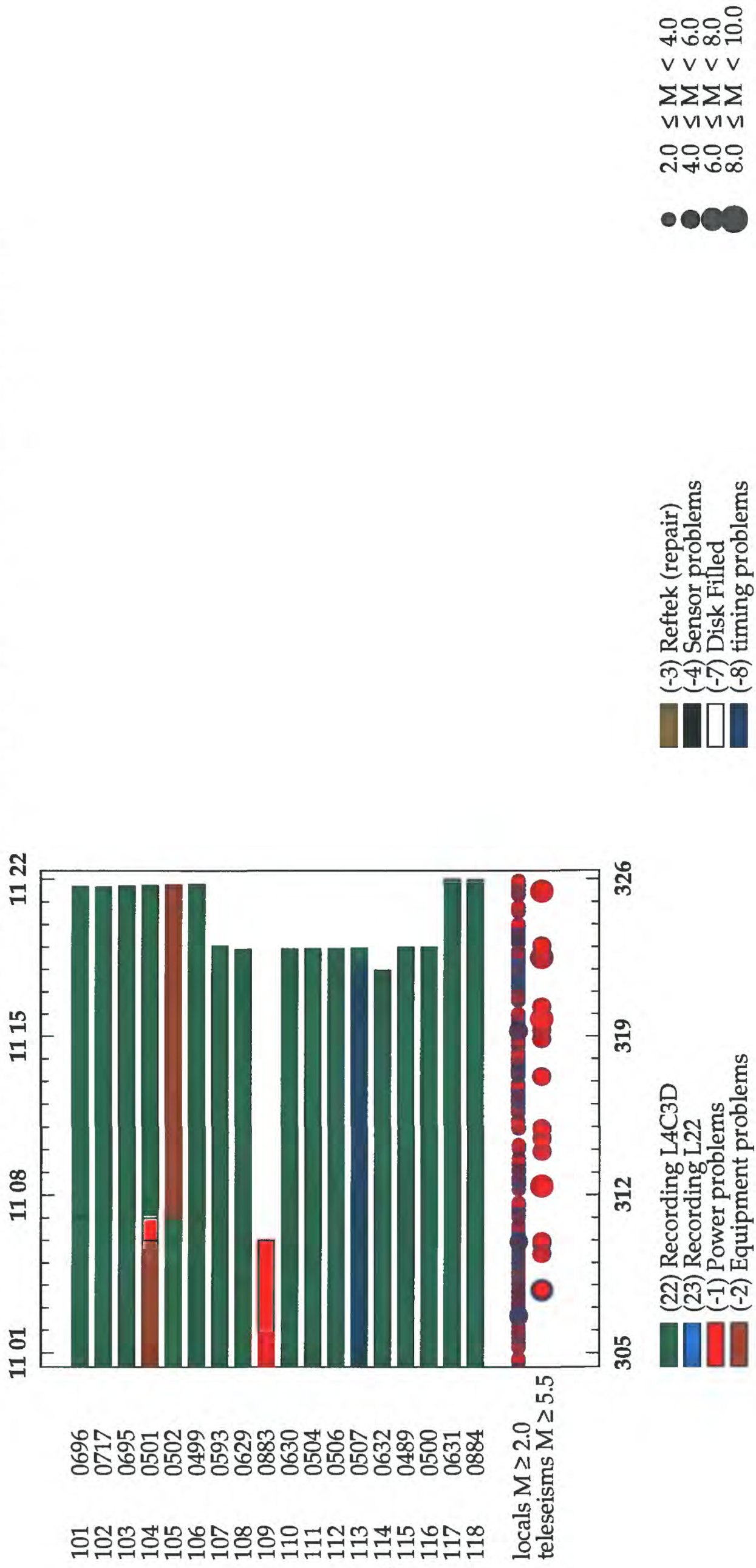
Figure 2 (continued).

Figure 2 (continued).

Calico earthquake - March 18, 1997
ML=5.0, Depth=6.0
vertical velocity (bp 1-10 Hz)
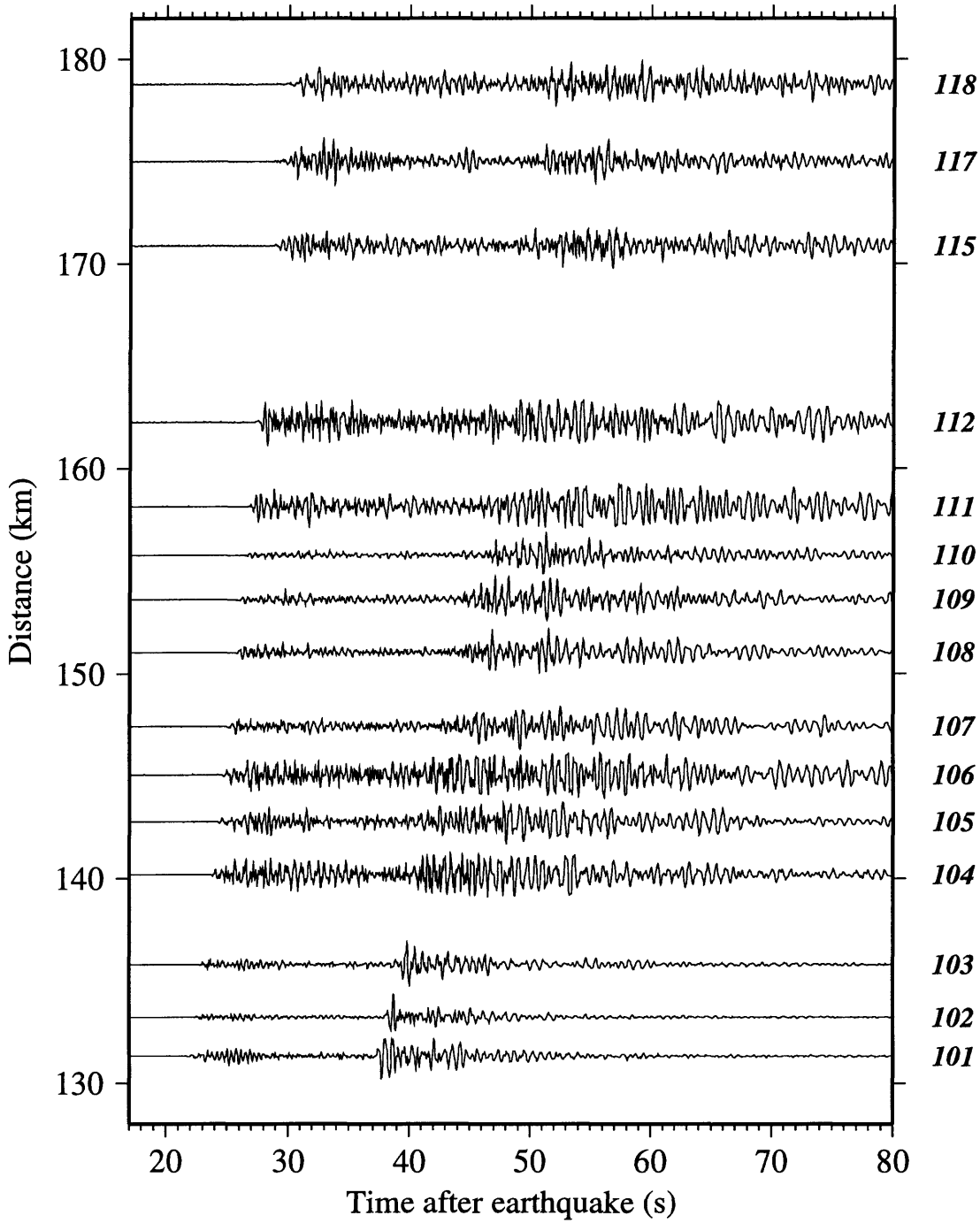
Figure 3a.

Calico earthquake - March 18, 1997 (7:24 AM PST)
ML=5.0, Depth=6.0
north-south velocity (bp 1-5 Hz)
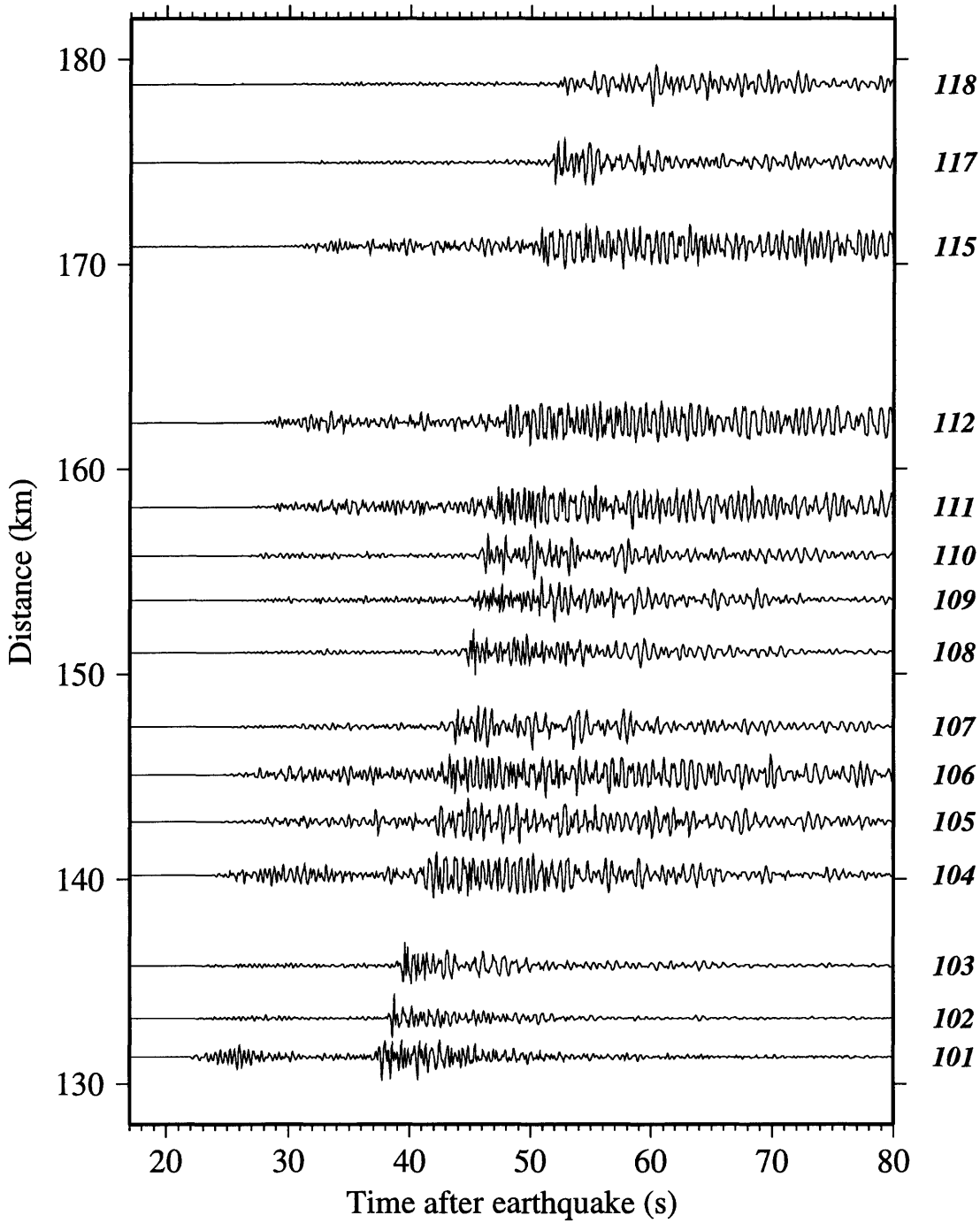
Figure 3a (continued).

Calico earthquake - March 18, 1997 (7:24 AM PST)

ML=5.0, Depth=6.0

east-west velocity (bp 1-5 Hz)
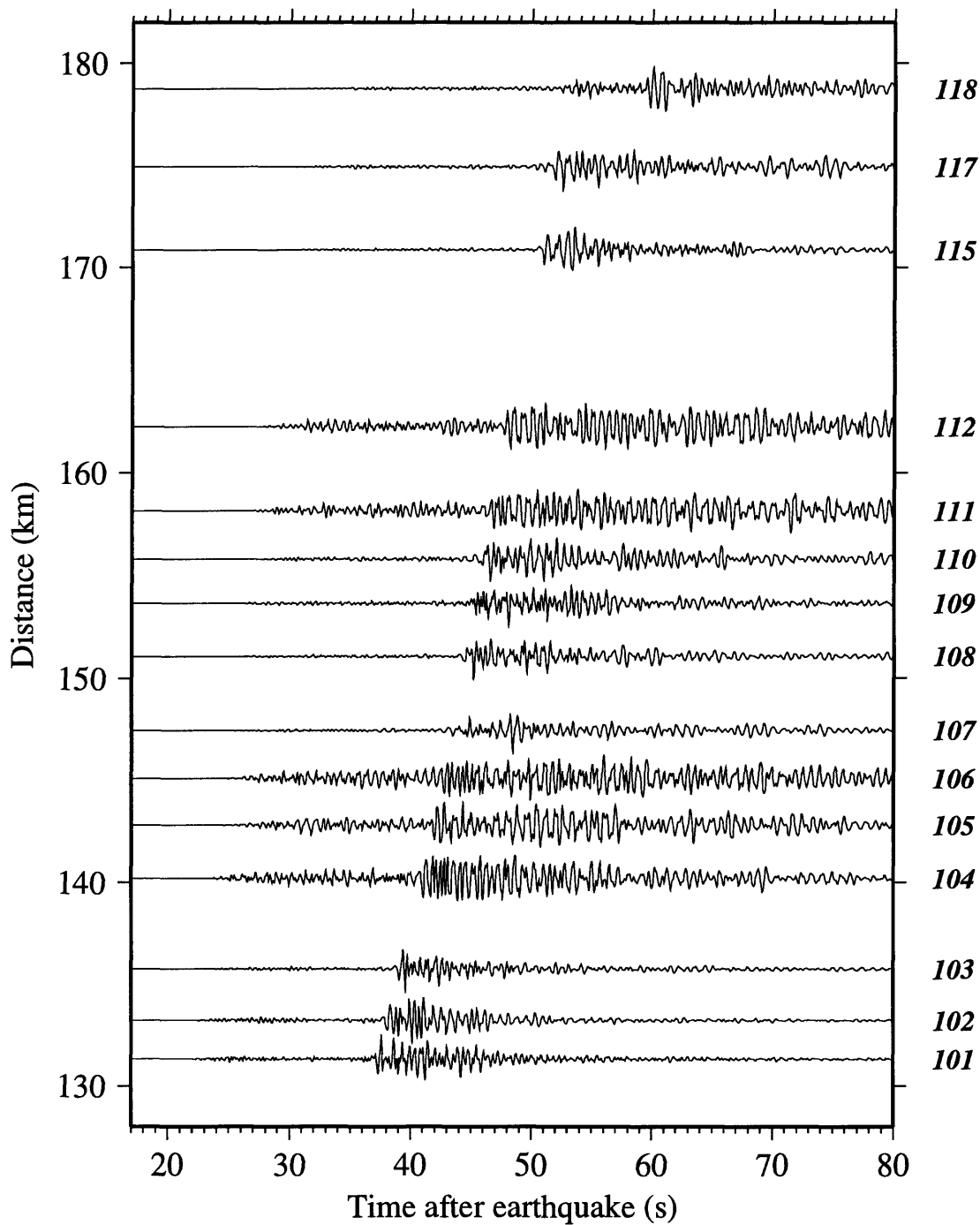
Figure 3a (continued).

Northridge aftershock - April 26, 1997
ML= 5.0, Depth=16 km
vertical velocity (bp 1-10 Hz)
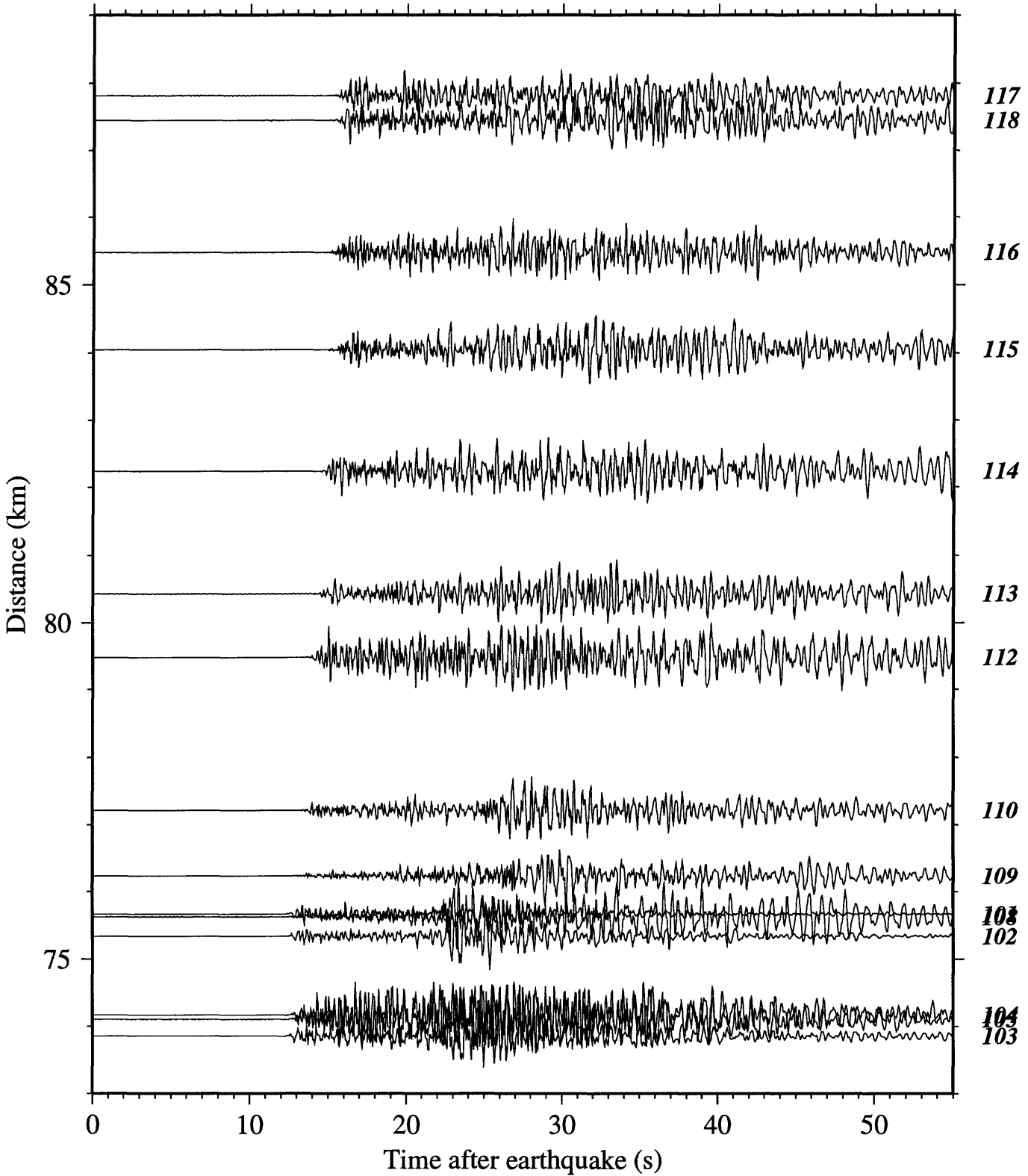
Figure 3b.

Northridge aftershock - April 26, 1997
ML= 5.0, Depth=16 km
north-south velocity (bp 1-10 Hz)
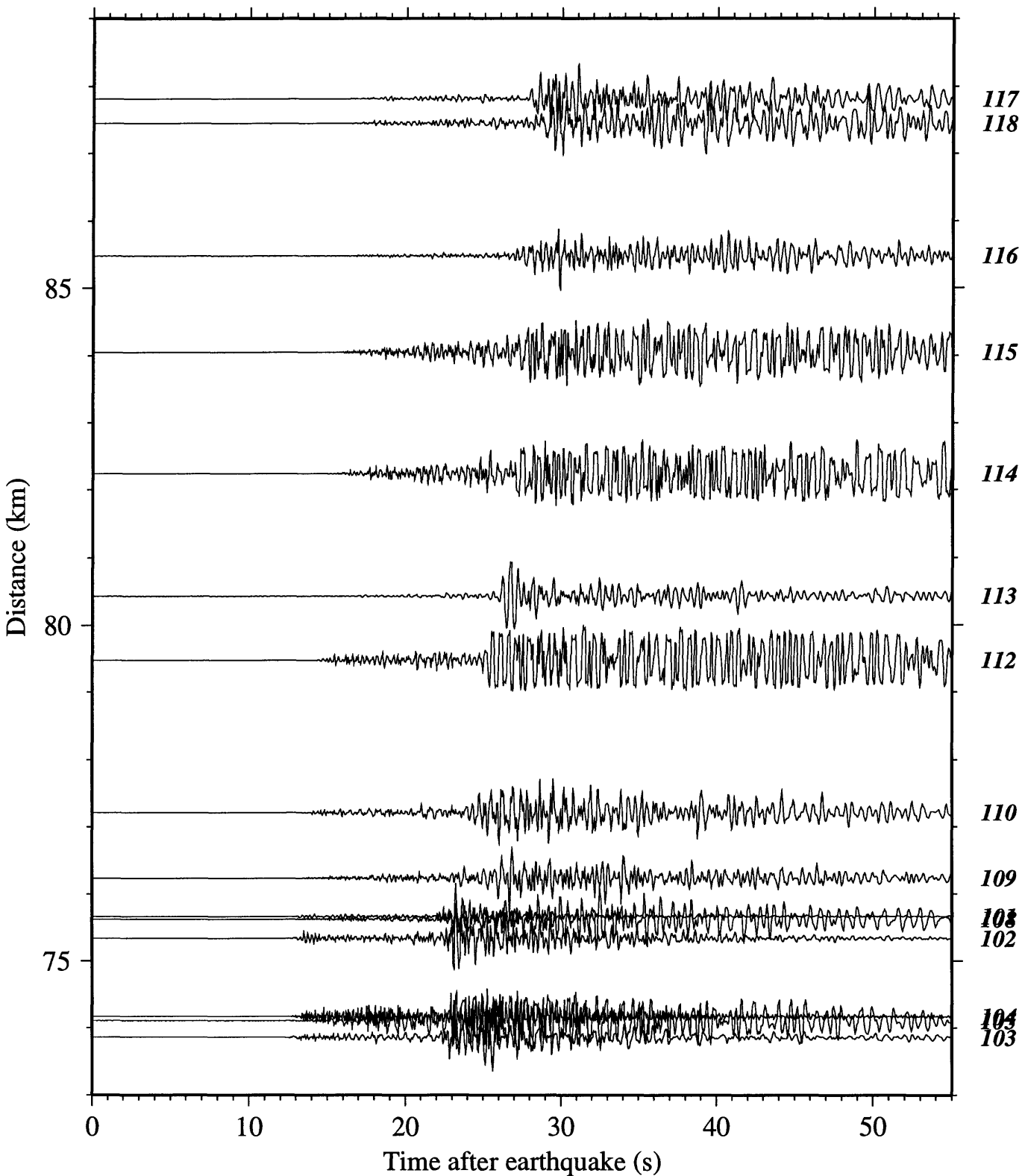
Figure 3b (continued).

Northridge aftershock - April 26, 1997
ML= 5.0, Depth=16 km
east-west velocity (bp 1-5 Hz)
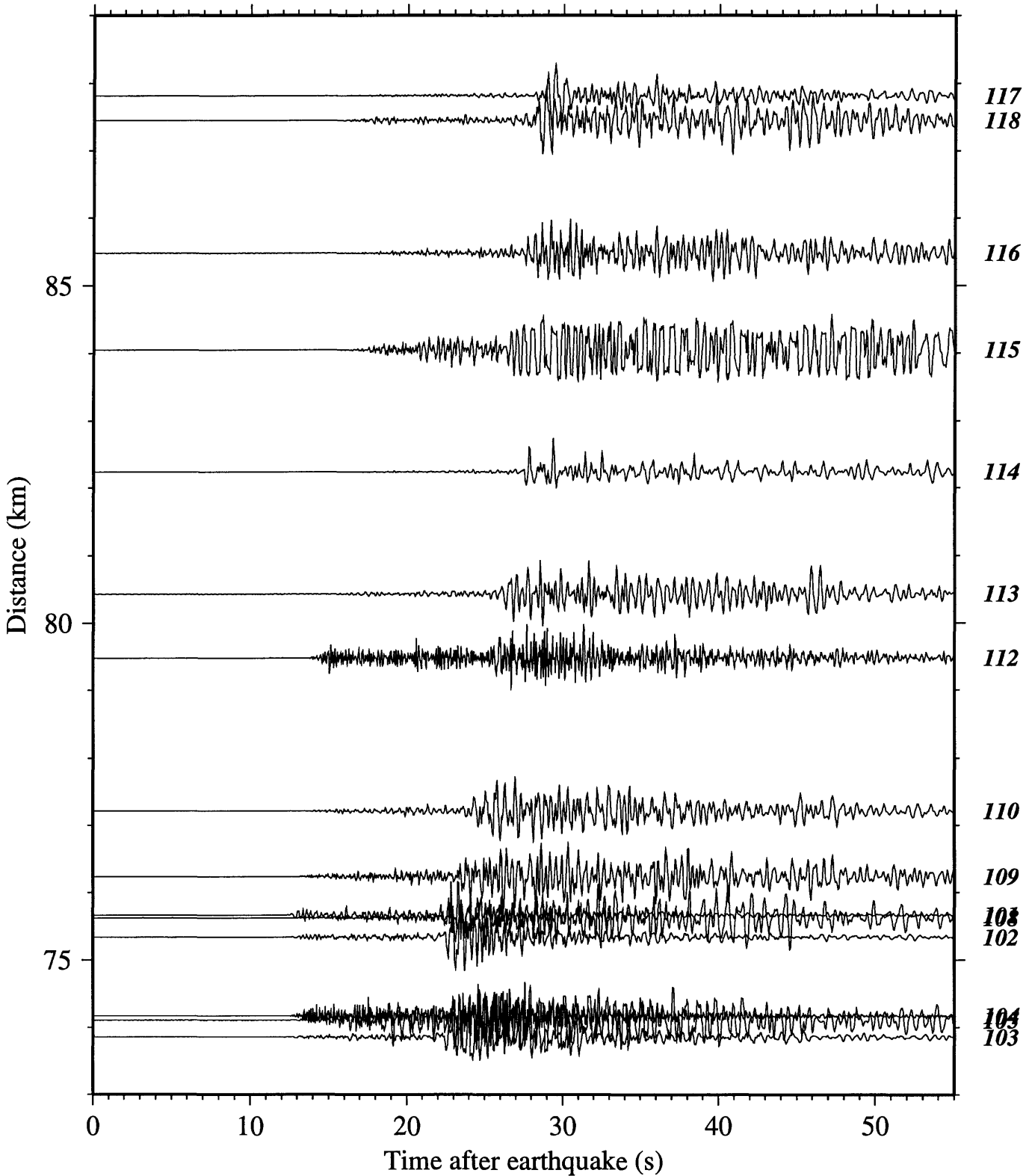
Figure 3b (continued).

near San Andreas Fault - July 11, 1997

ML=2.8, Depth=9.9 km

vertical velocity (bp 1-10 Hz)
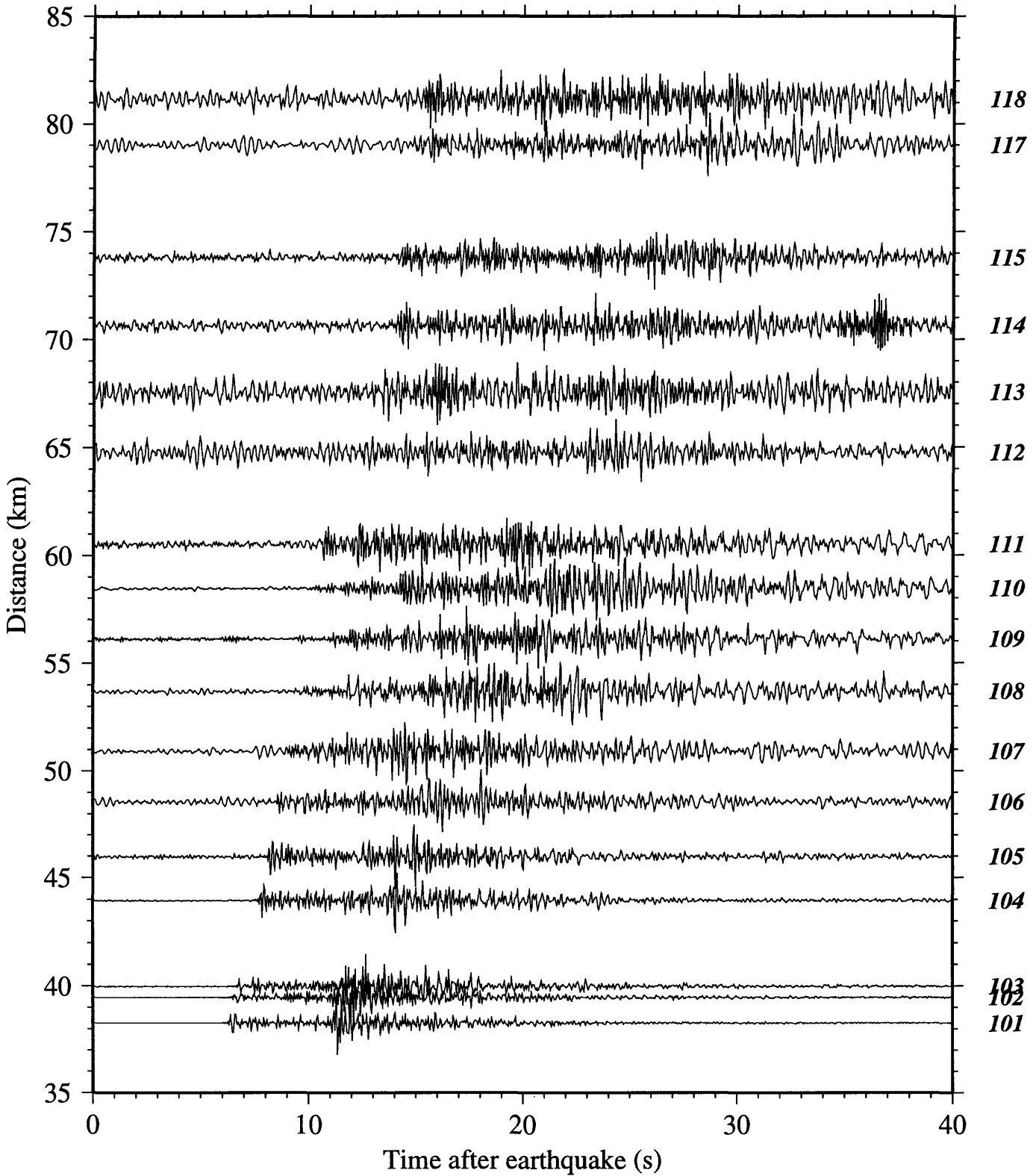
Figure 3c.

near San Andreas Fault - July 11, 1997
ML=2.8, Depth=9.9 km
north-south velocity (bp 1-10 Hz)
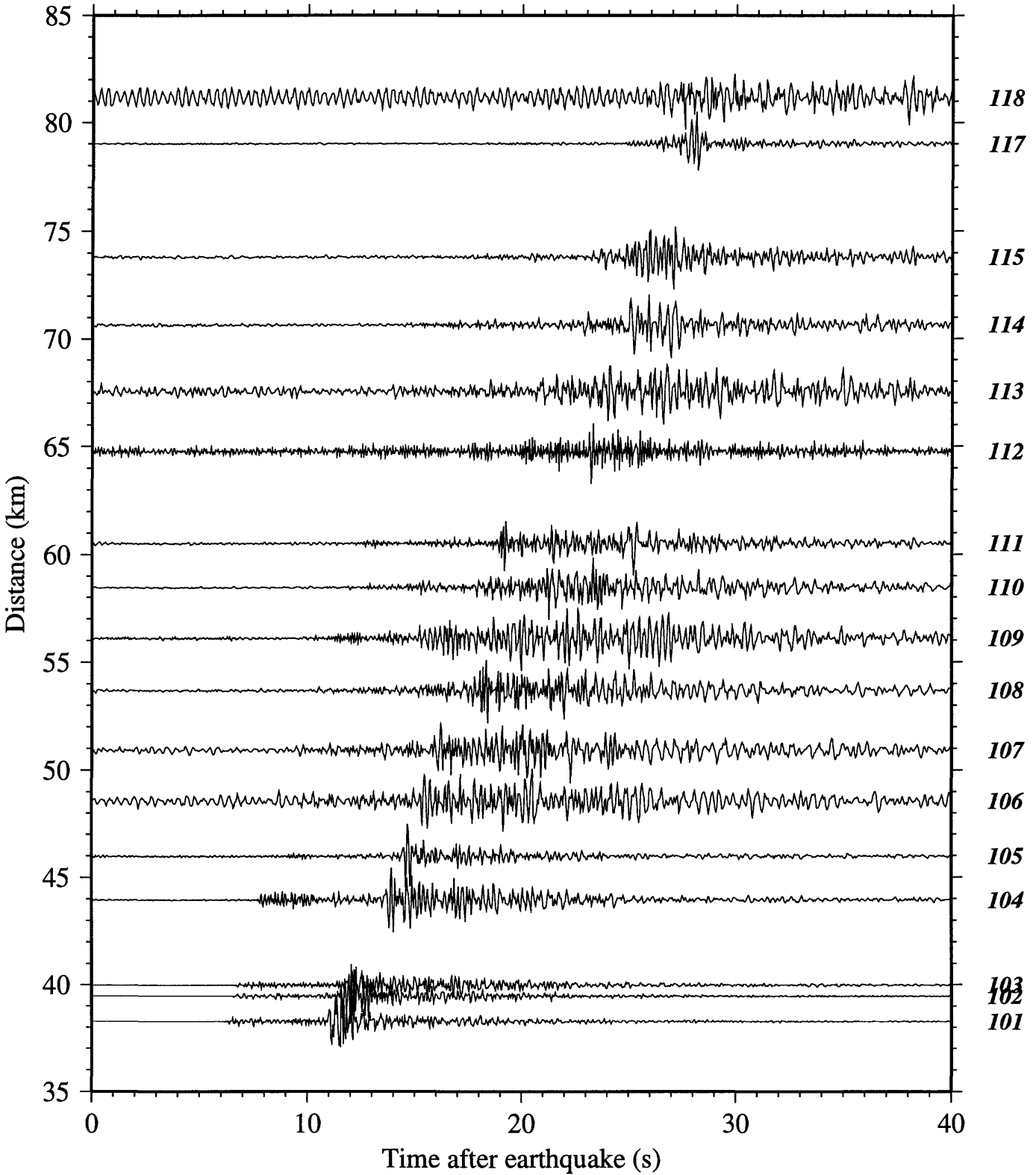
Figure 3c (continued).

near San Andreas Fault - July 11, 1997

ML=2.8, Depth=9.9 km

east-west velocity (bp 1-10 Hz)
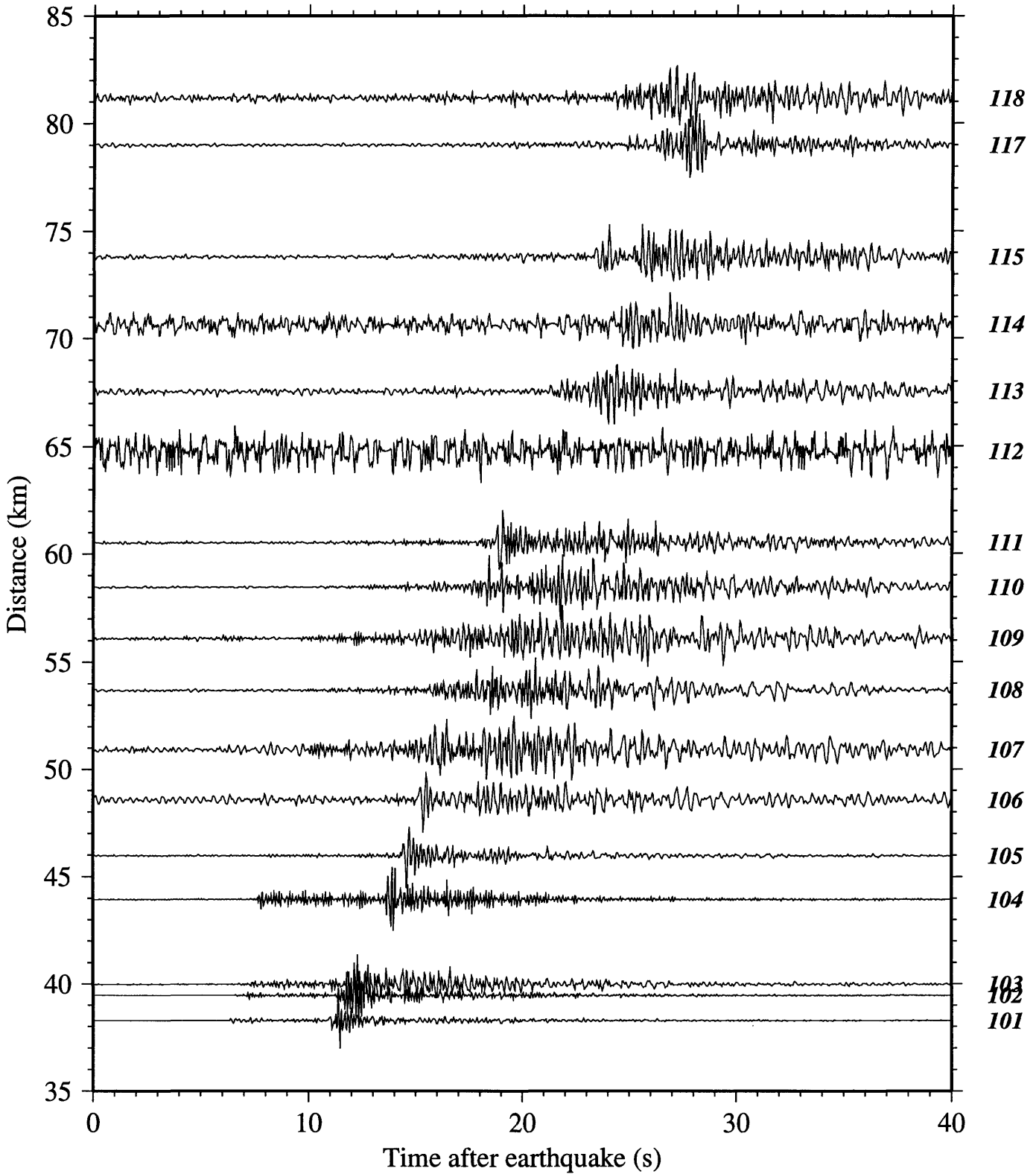
Figure 3c (continued).

south of San Pedro - September 3, 1997
ML=3.1, Depth=1.5 km
vertical velocity (bp 1-10 Hz)
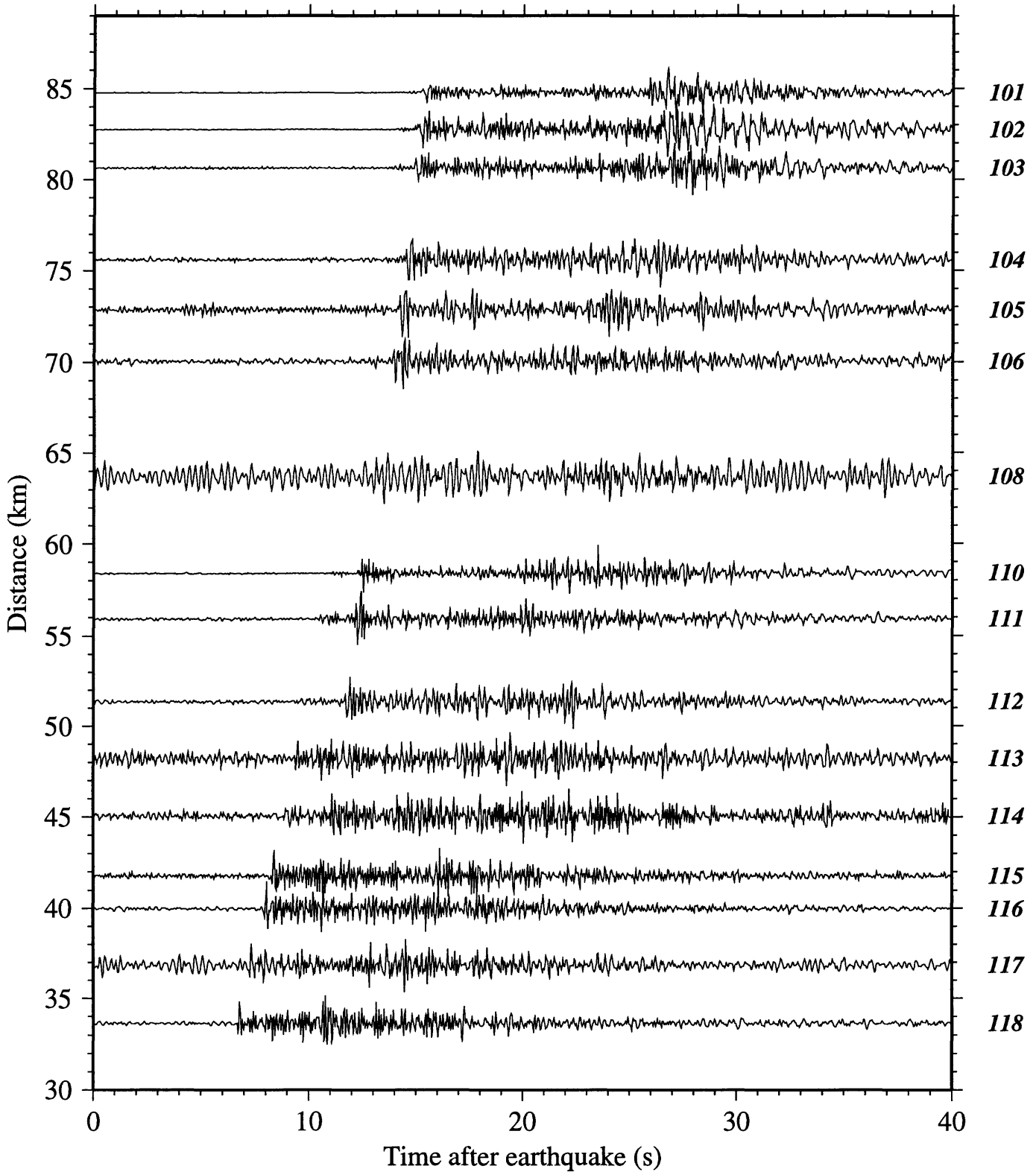
Figure 3d.

south of San Pedro - September 3, 1997
ML=3.1, Depth=1.5 km
north-south velocity (bp 1-10 Hz)
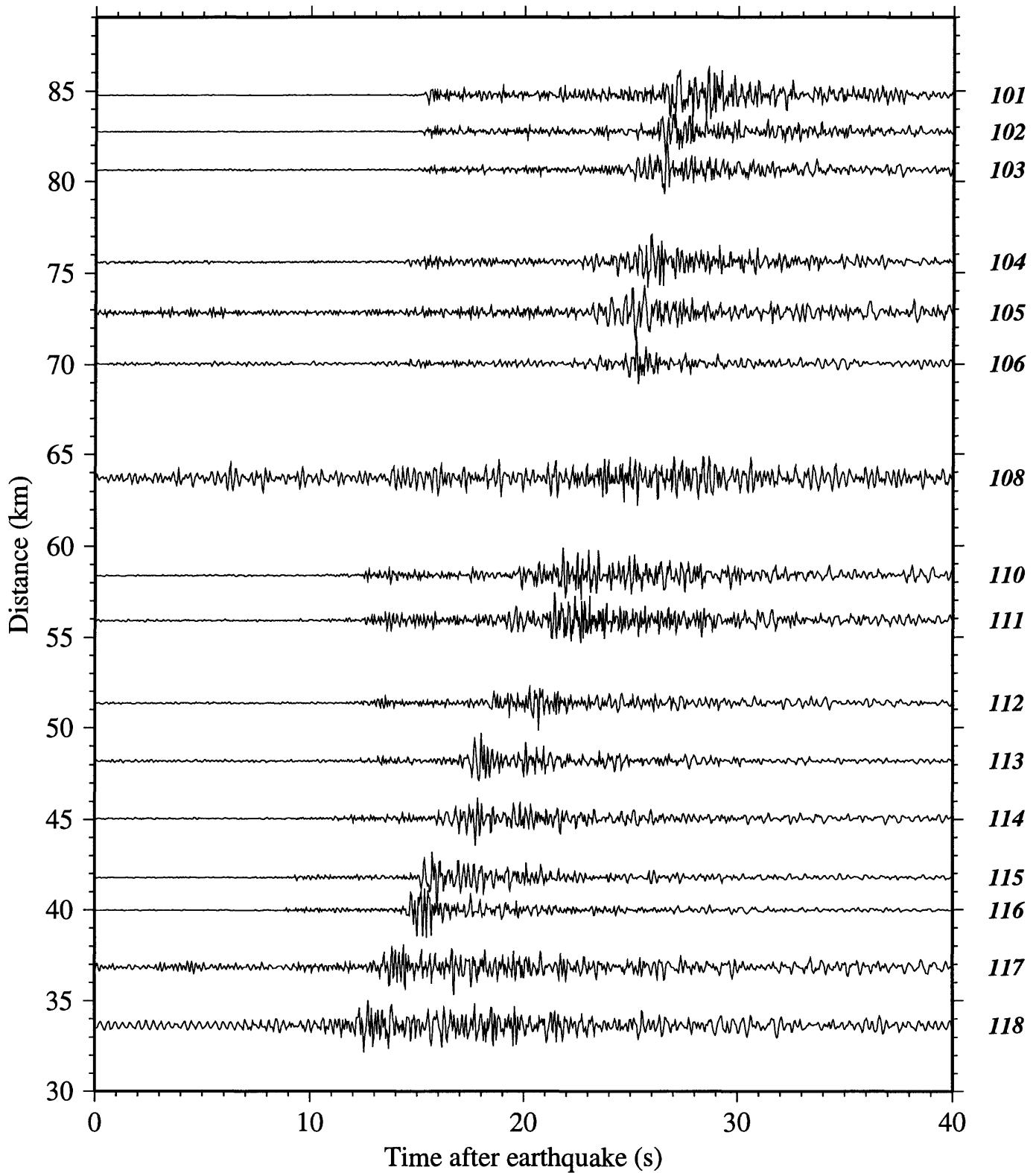
Figure 3d (continued).

south of San Pedro - September 3, 1997
ML=3.1, Depth=1.5 km
east-west velocity (bp 1-10 Hz)
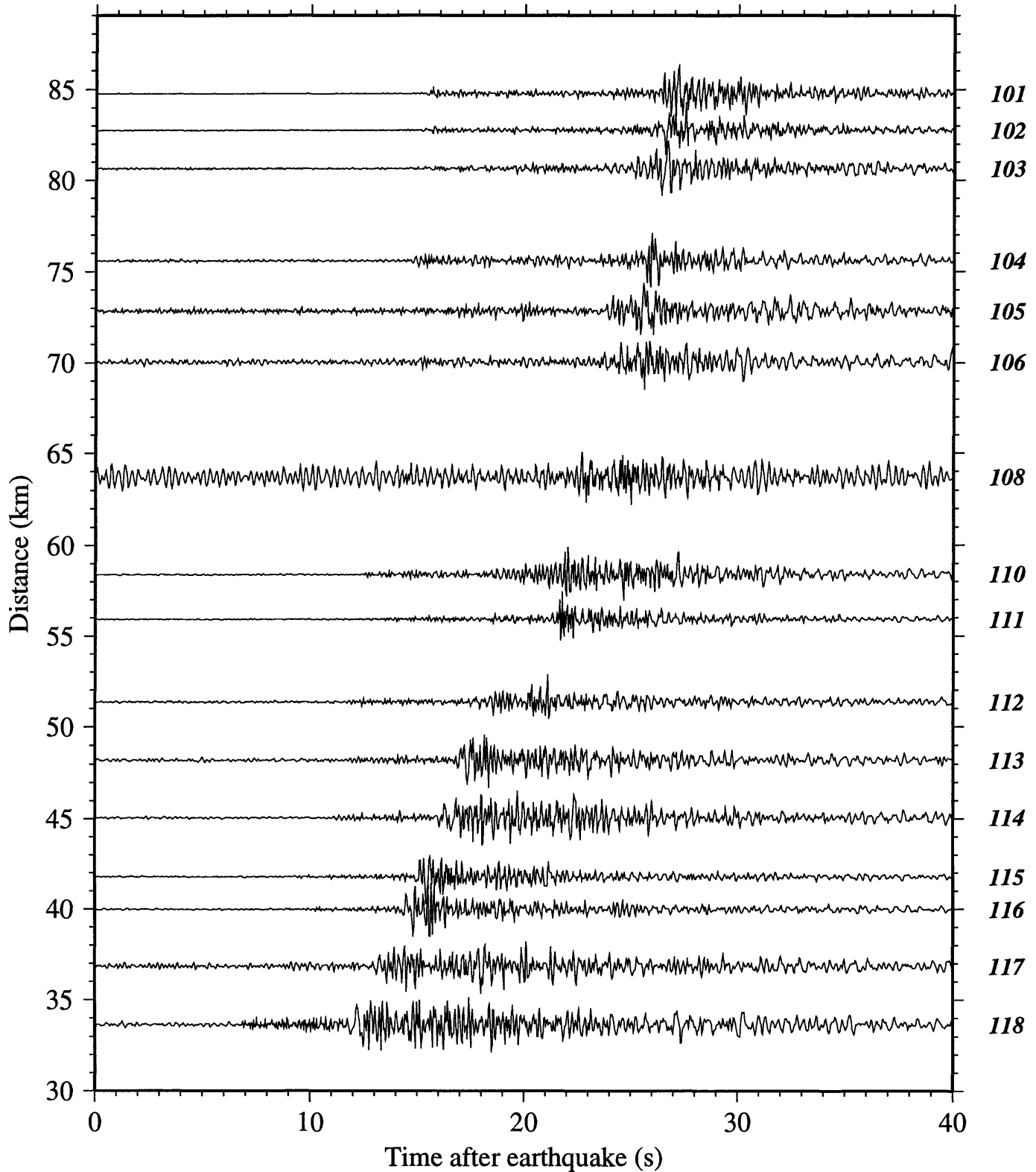
Figure 3d (continued).

south of San Pedro - April 30, 1997
ML=2.8, Depth=6.0 km
vertical velocity (bp 1-10 Hz)
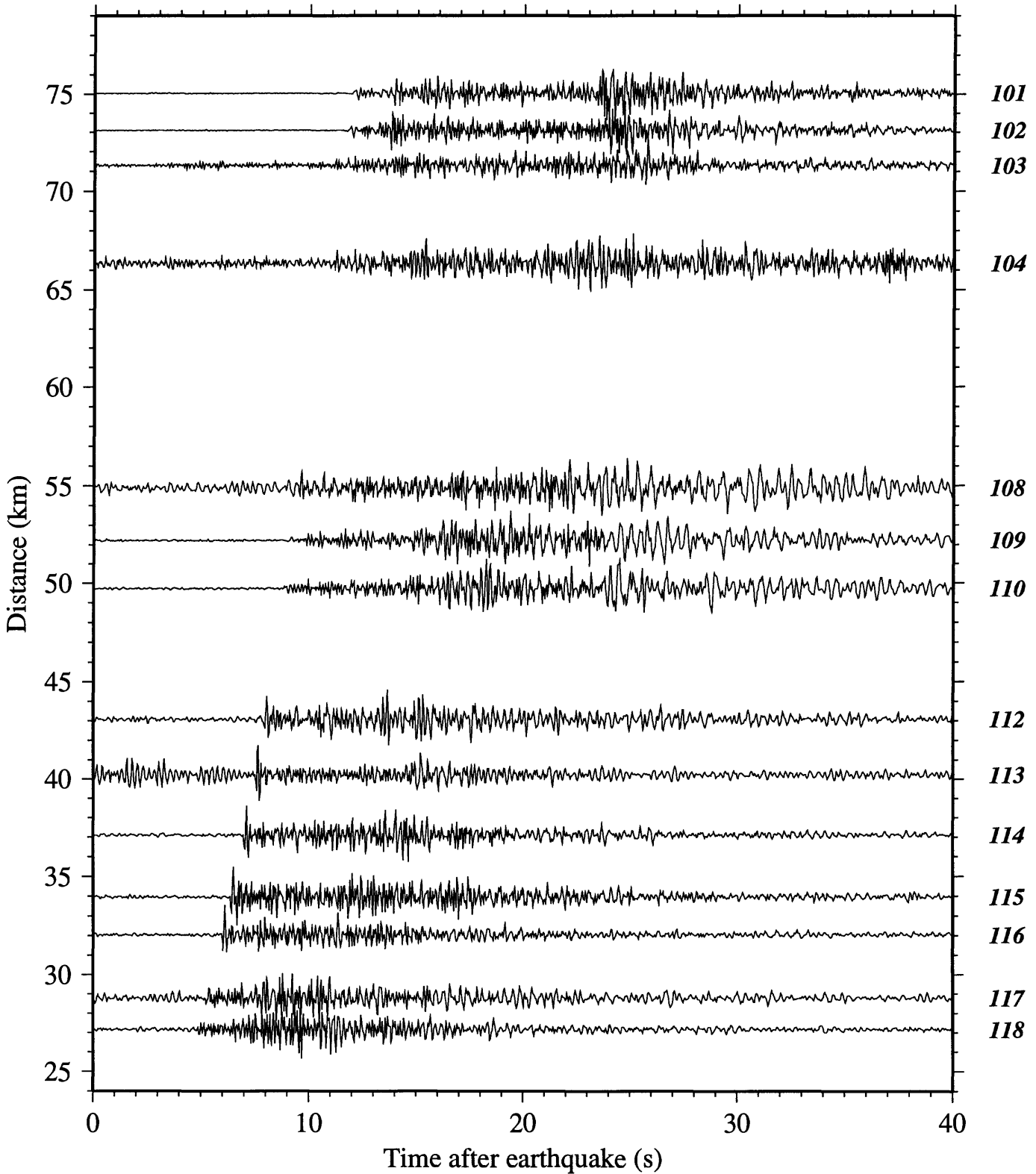
Figure 3e.

south of San Pedro - April 30, 1997
ML=2.8, Depth=6.0 km
north-south velocity (bp 1-10 Hz)
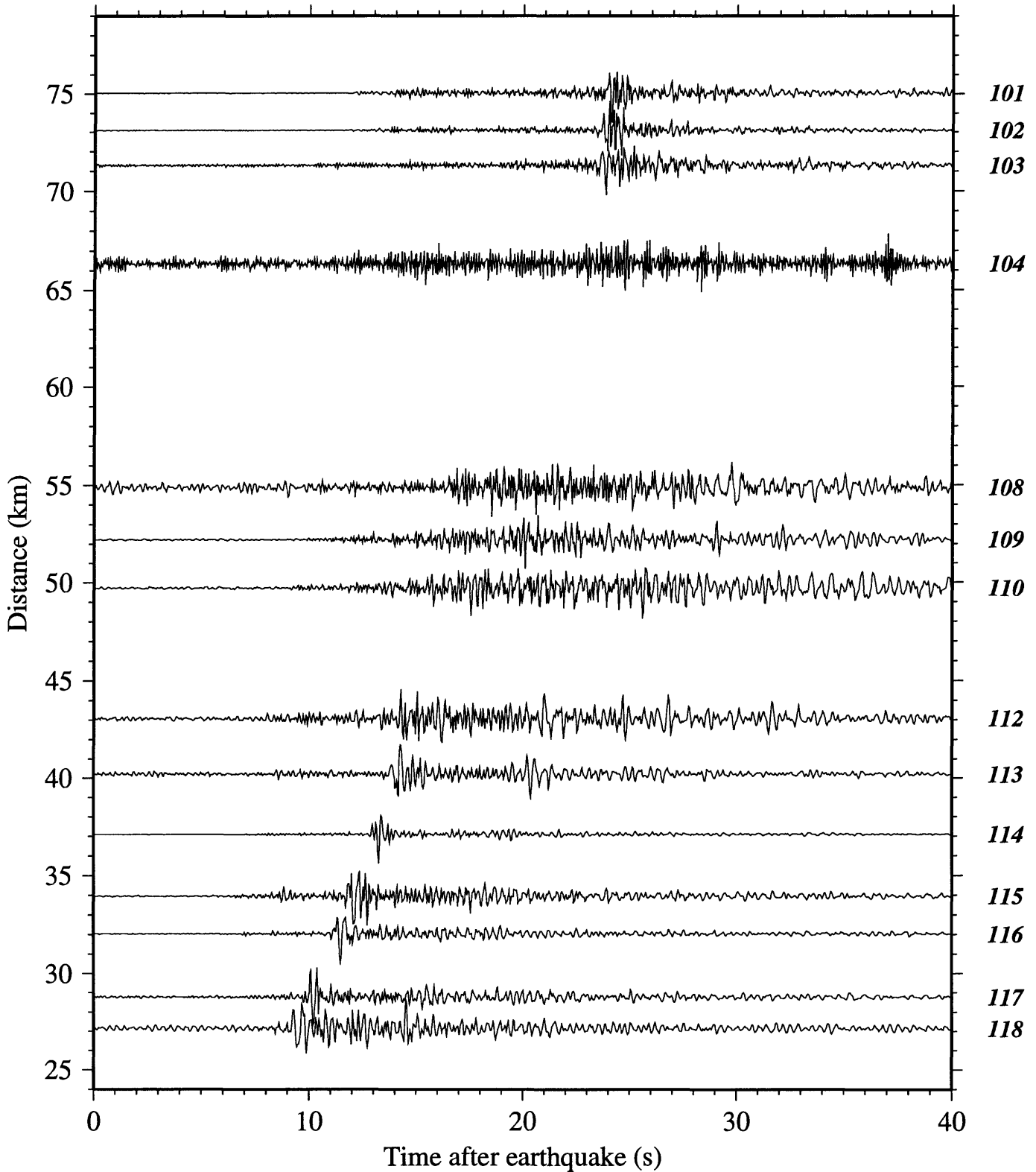
Figure 3e (continued).

south of San Pedro - April 30, 1997
ML=2.8, Depth=6.0 km
east-west velocity (bp 1-10 Hz)
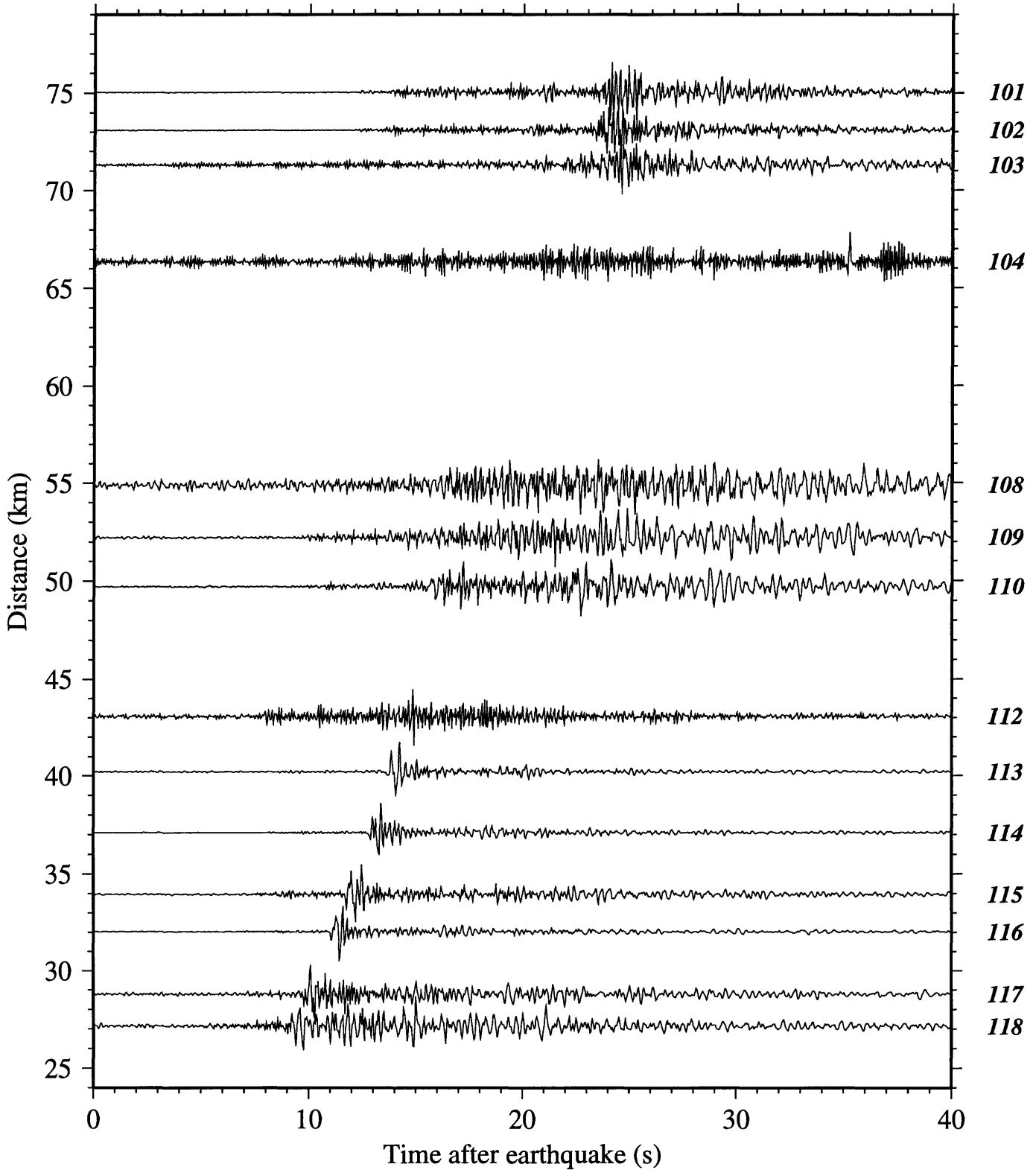
Figure 3e (continued).

Colombia - September 2, 1997
Mw=6.7, Depth=230 km
vertical velocity (bp 0.1-1.0 Hz)
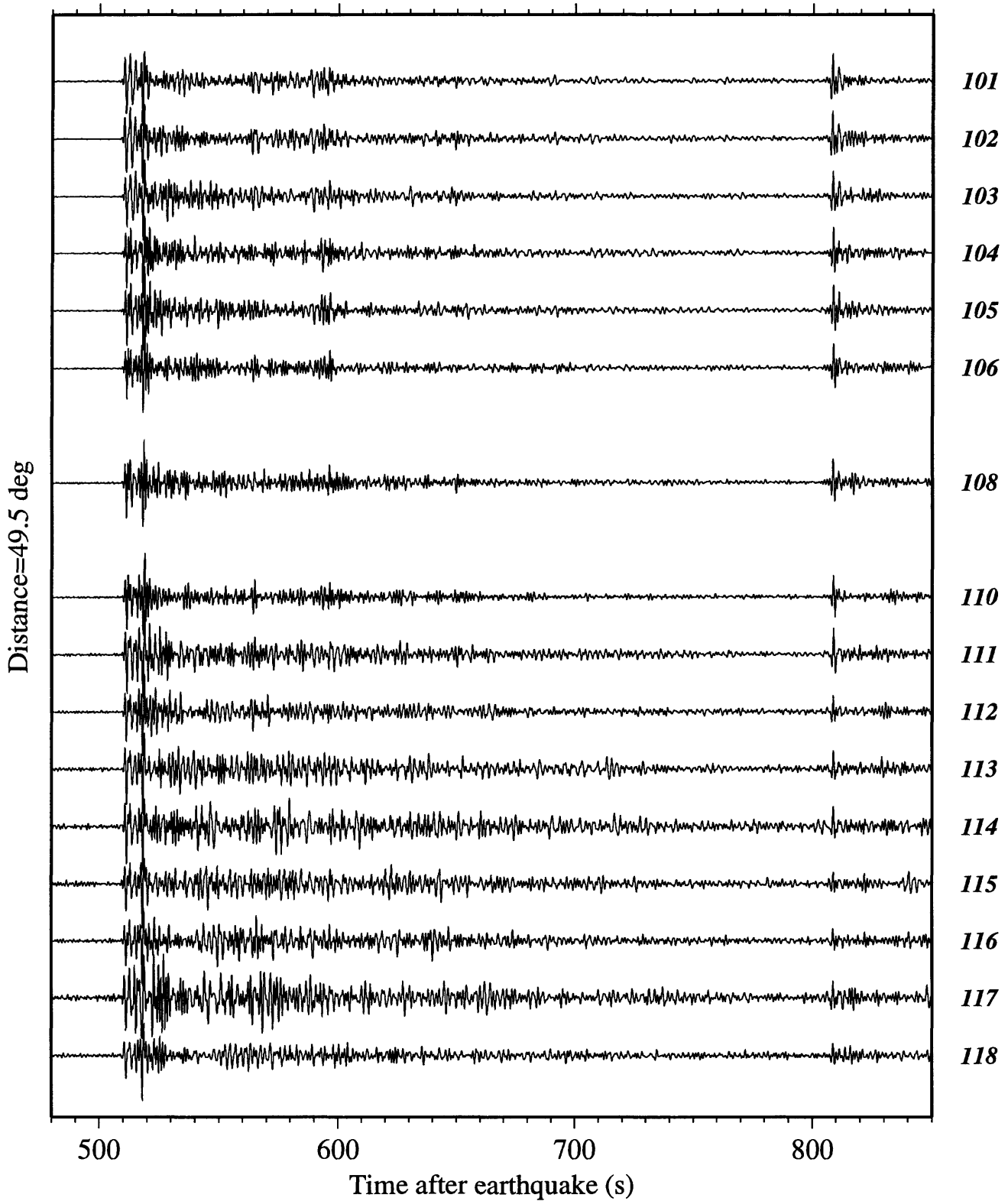
Figure 4a.

Colombia - September 2, 1997

Mw=6.7, Depth=230 km

north-south velocity (bp 0.1-1.0 Hz)
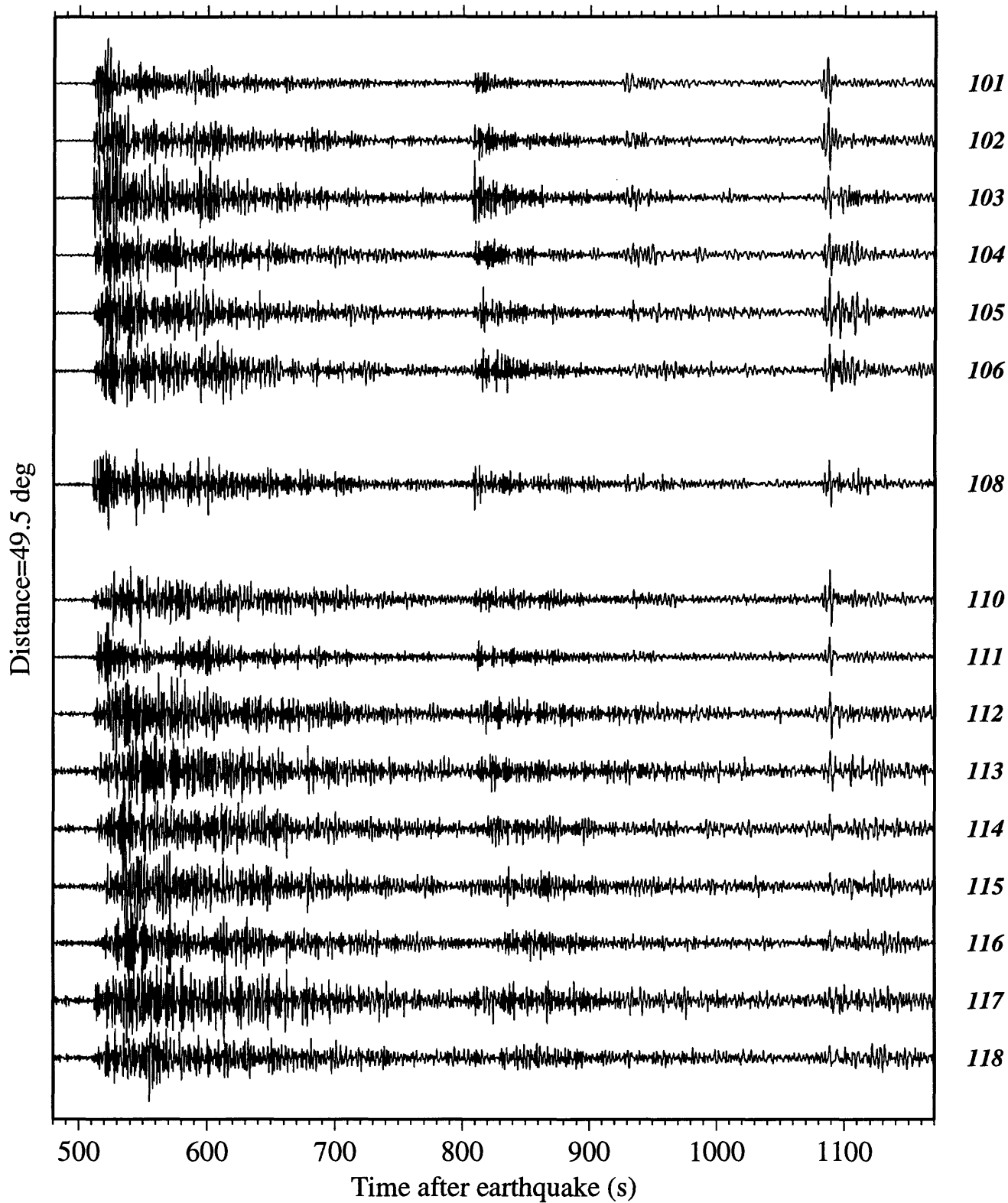
Figure 4a (continued).

Colombia - September 2, 1997
Mw=6.7, Depth=230 km
east-west velocity (bp 0.1-1.0 Hz)

Distance=49.5 deg

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Time after earthquake (s)
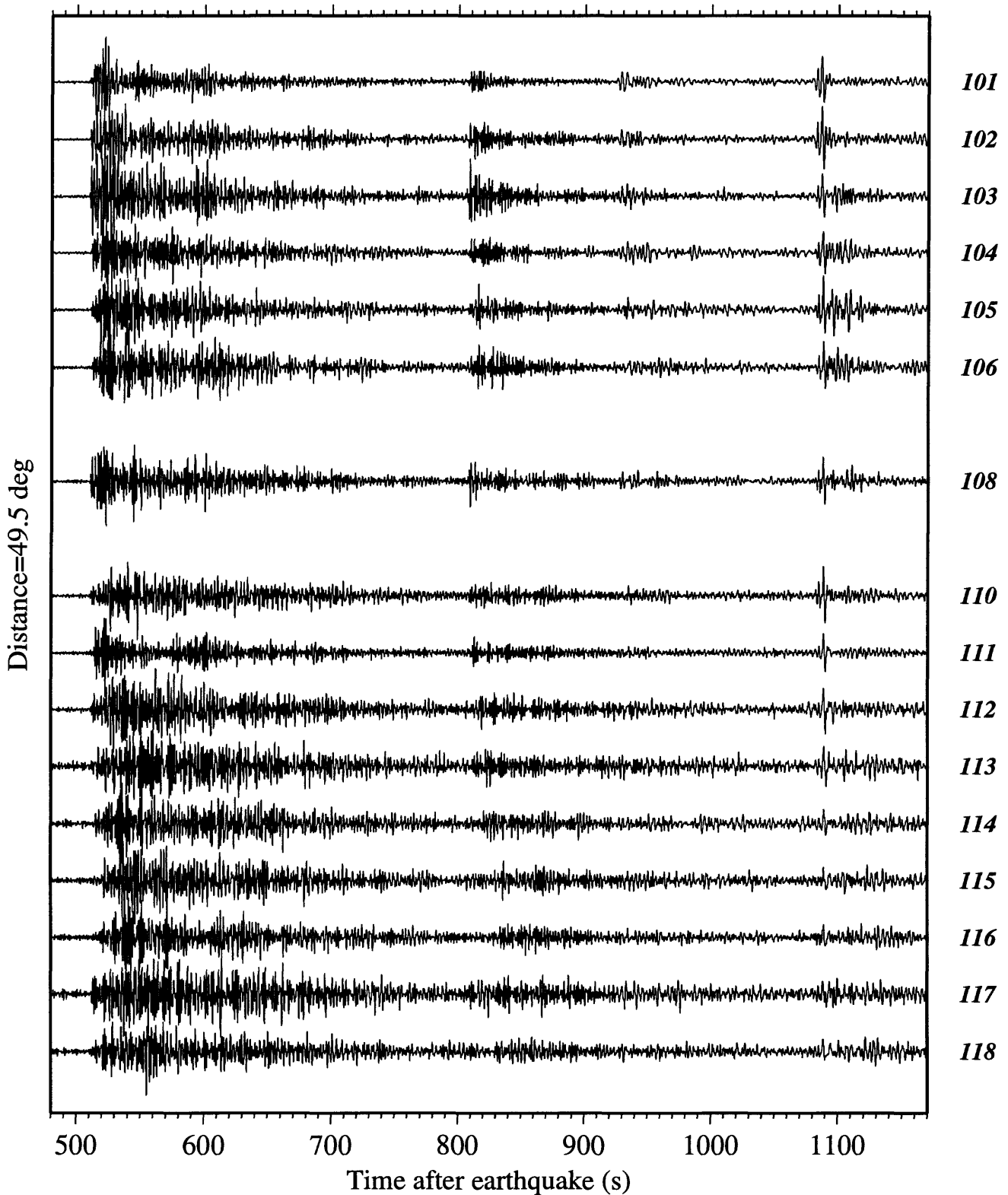
Figure 4a (continued).

south of Fiji Islands - September 4, 1997
Mw=6.8, Depth=619 km
vertical velocity (bp 0.1-1.0.z)
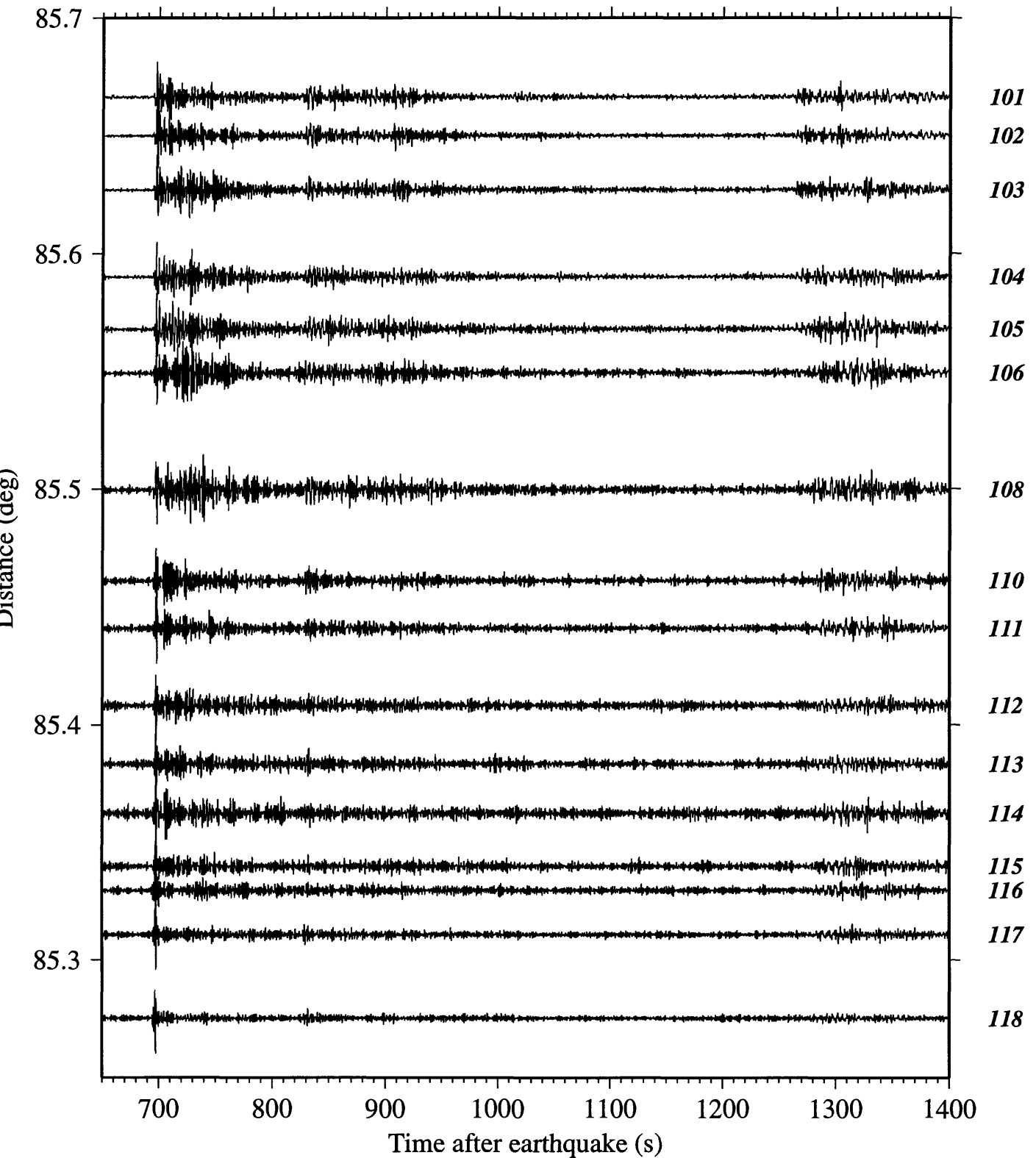
Figure 4b.

south of Fiji Islands - September 4, 1997
Mw=6.8, Depth=619 km
north-south velocity (bp 0.1-1.0 Hz)
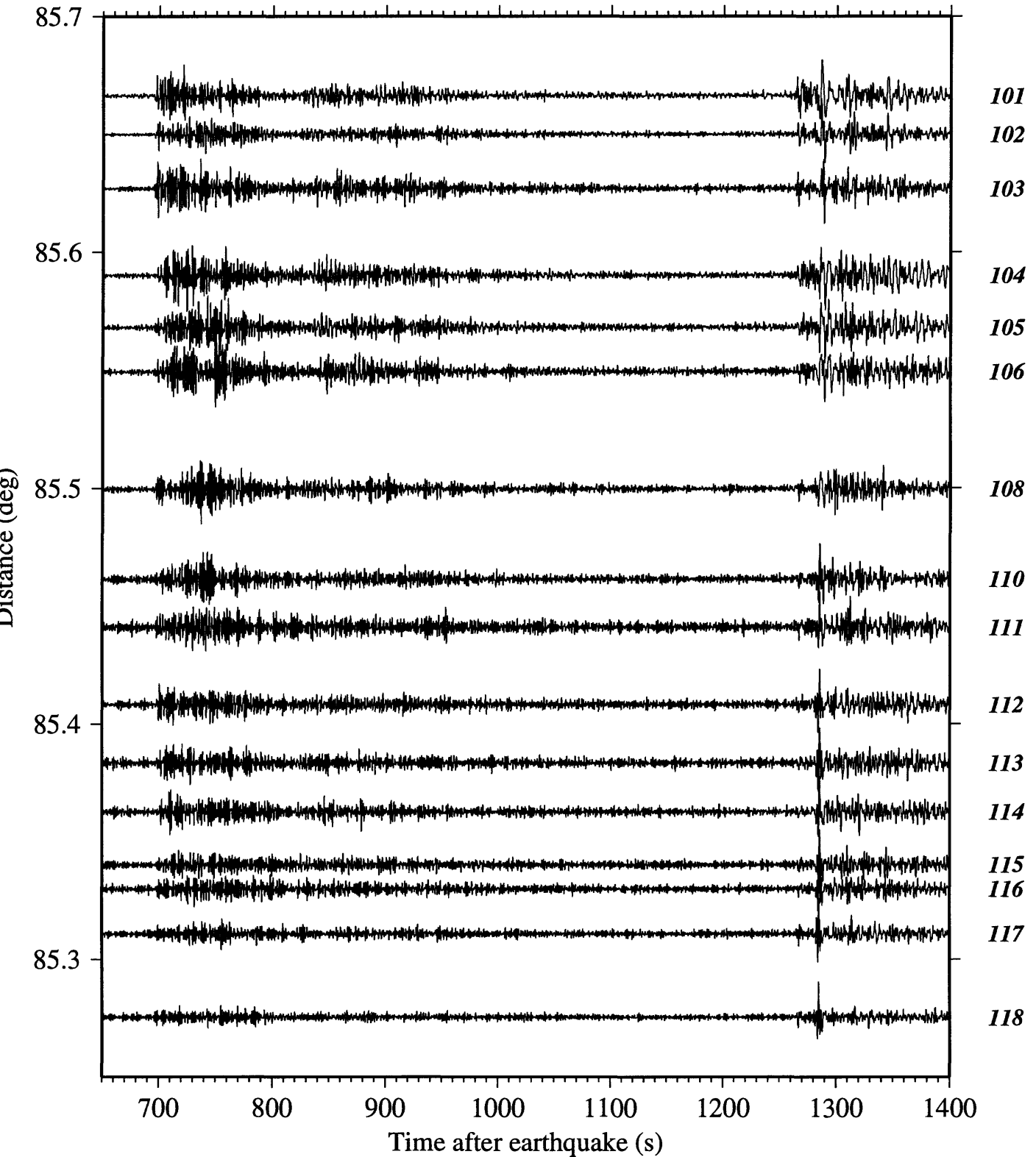
Figure 4b (continued).

south of Fiji Islands - September 4, 1997
Mw=6.8, Depth=619 km
east-west velocity (bp 0.1-1.0 Hz)
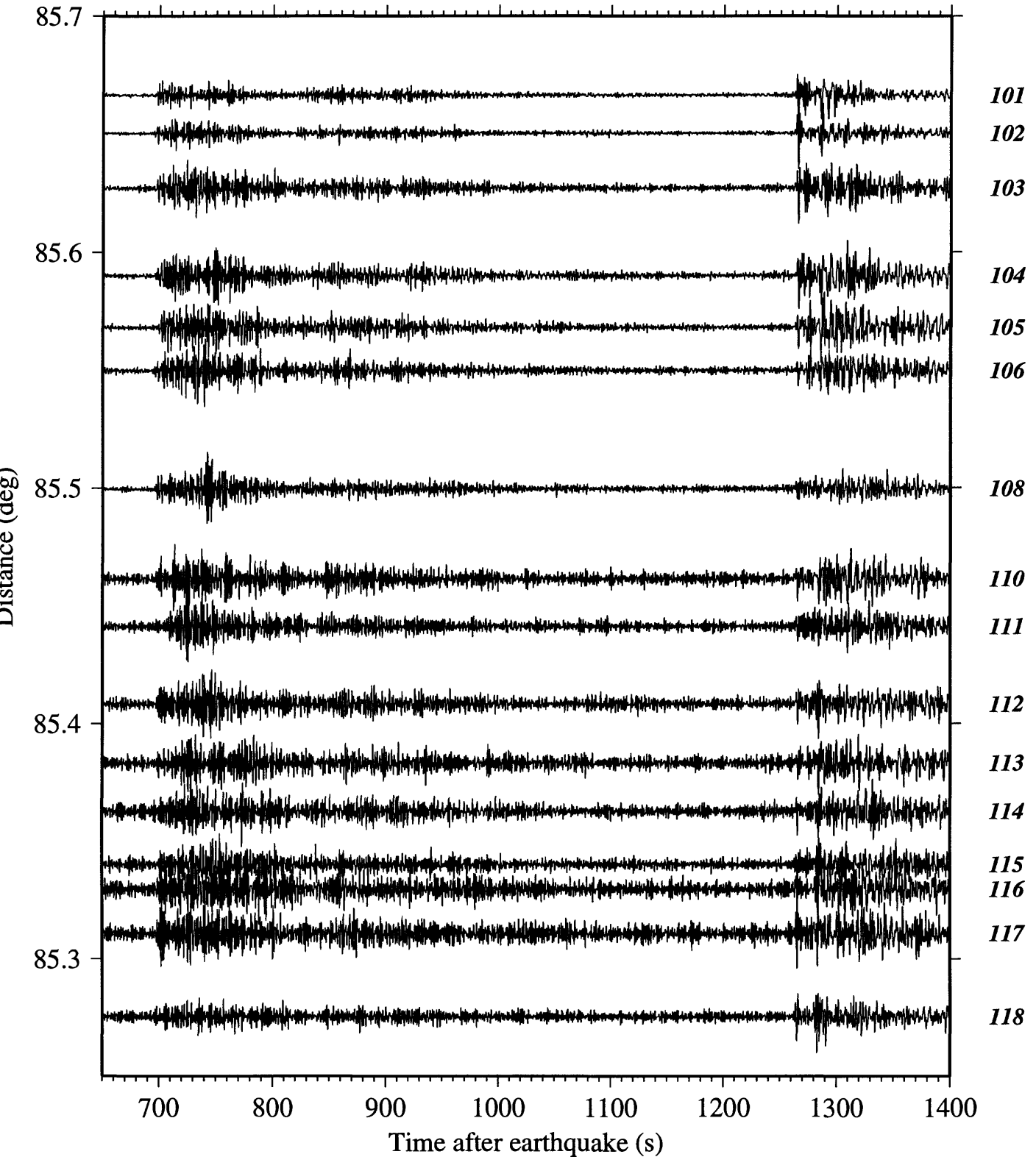
Figure 4b (continued).

Kermadec Islands region - March 21, 1997
Mw=6.2, Depth=460 km
vertical velocity (bp 0.1-1.0 Hz)
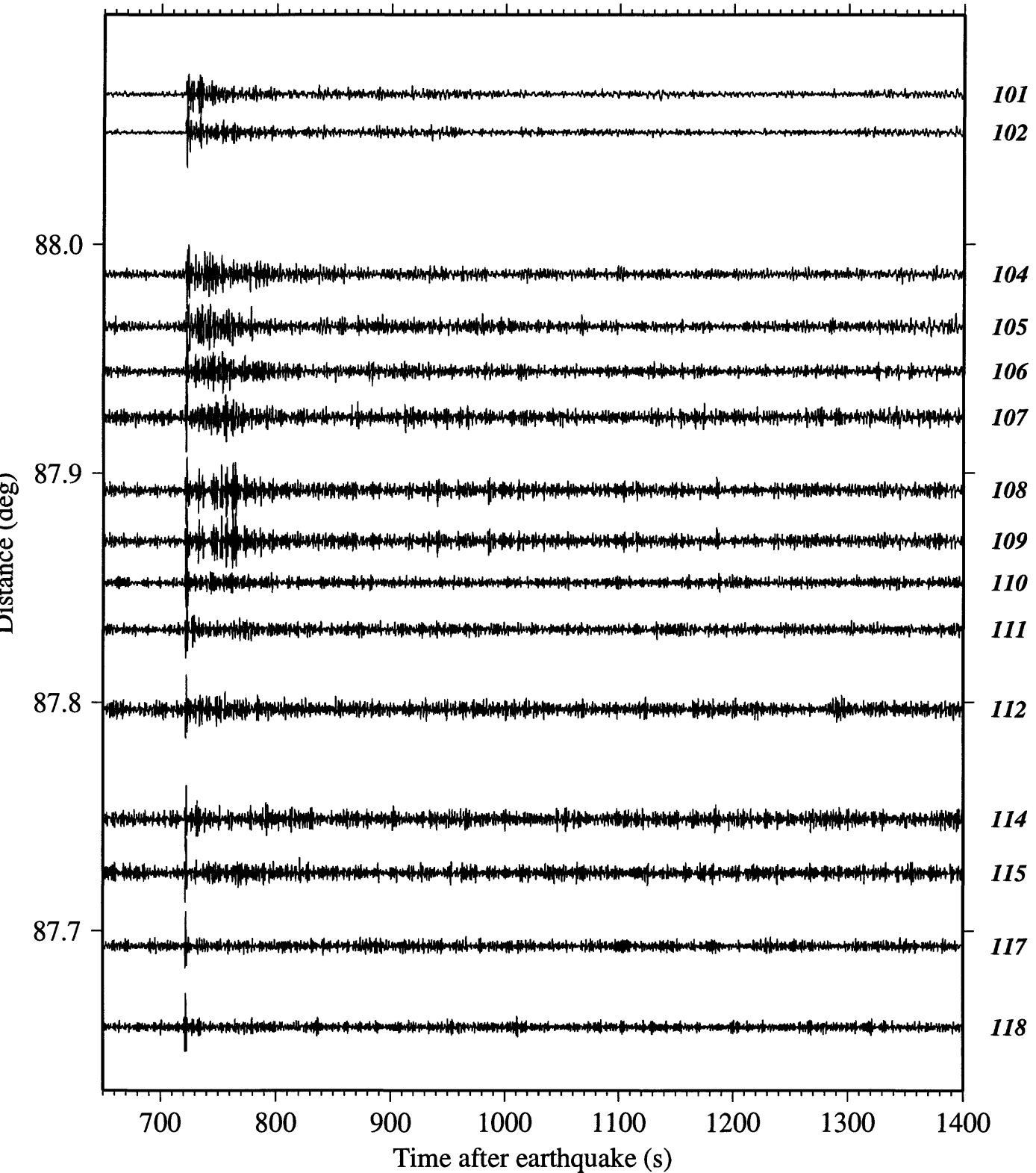
Figure 4c.

Kermadec Islands region - March 21, 1997

Mw=6.2, Depth=460 km

north-south velocity (bp 0.1-1.0 Hz)
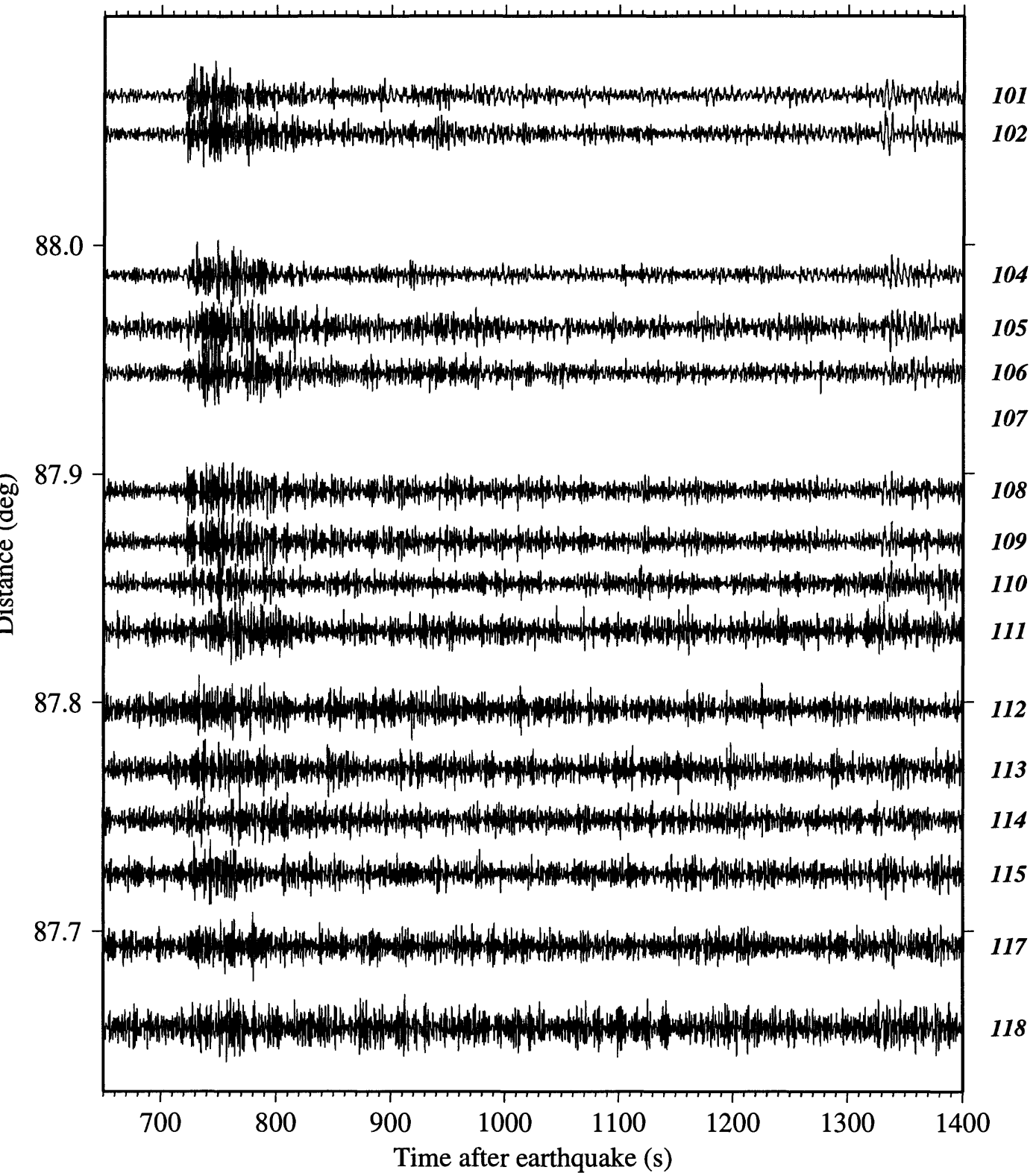
Figure 4c (continued).

Kermadec Islands region - March 21, 1997
Mw=6.2, Depth=460 km
east-west velocity (bp 0.1-1.0 Hz)
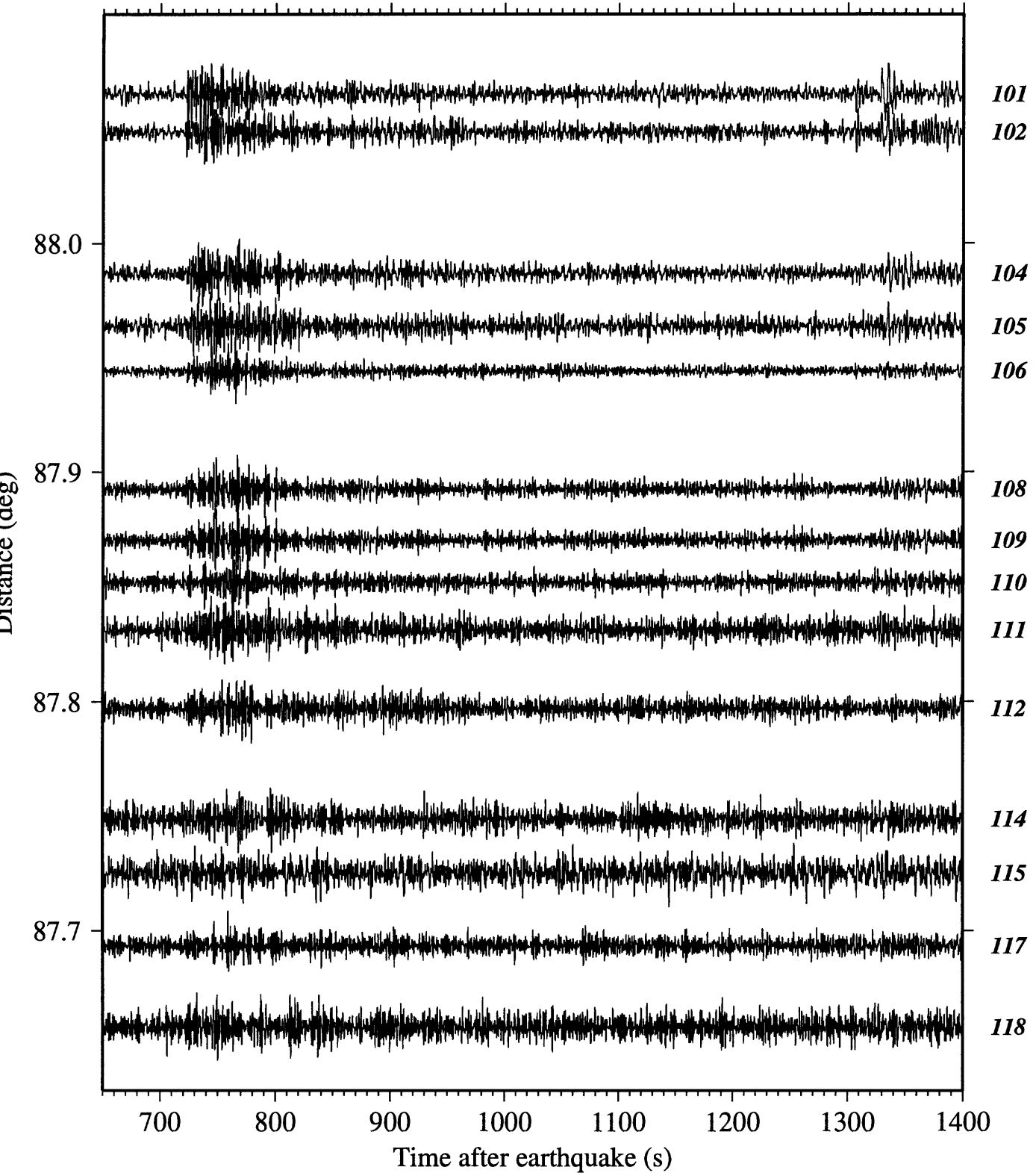
Figure 4c (continued).

Mariana Islands - April 23, 1997
Mw=6.5, Depth=100 km
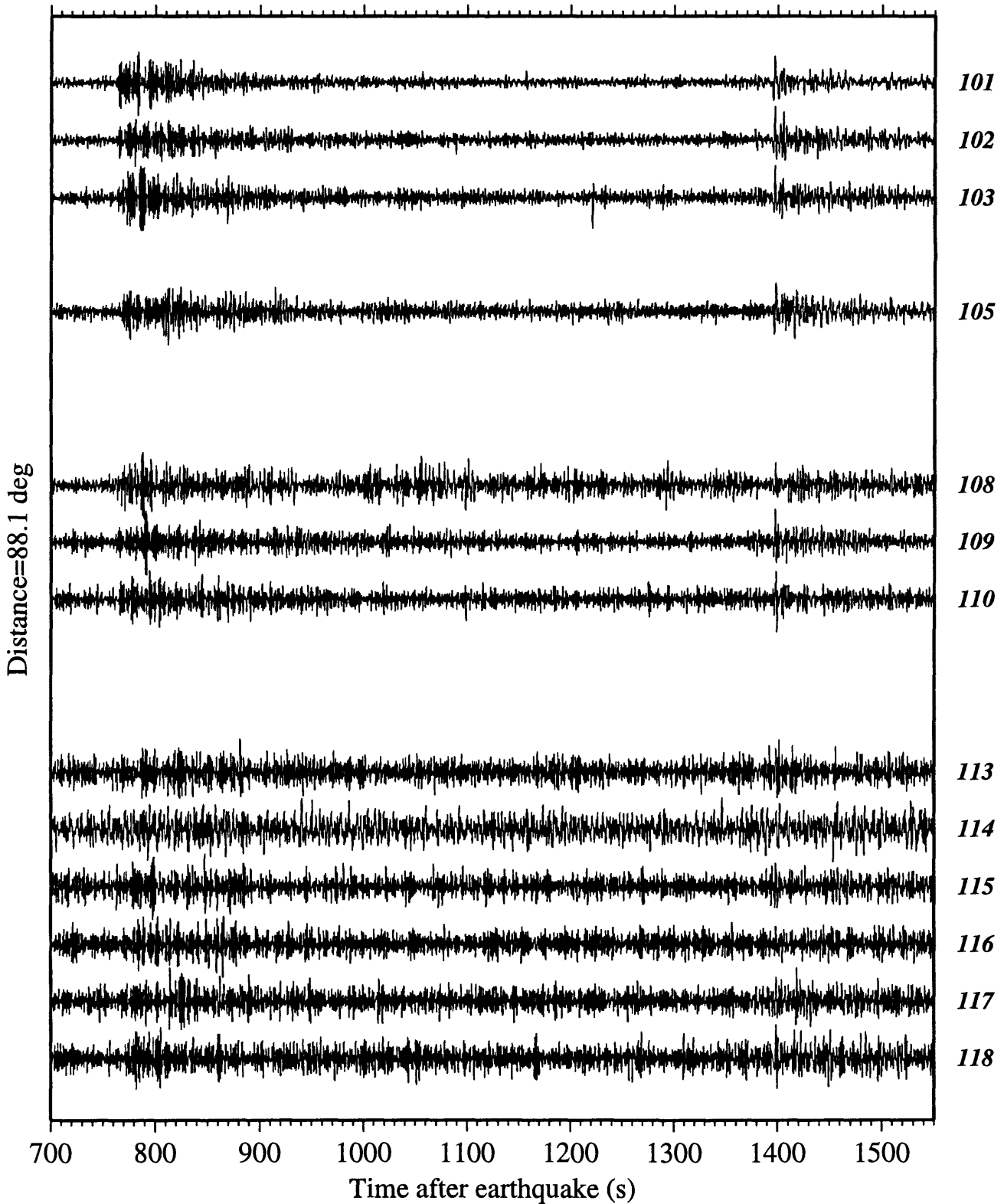## vertical velocity (bp 0.1-1.0 Hz)
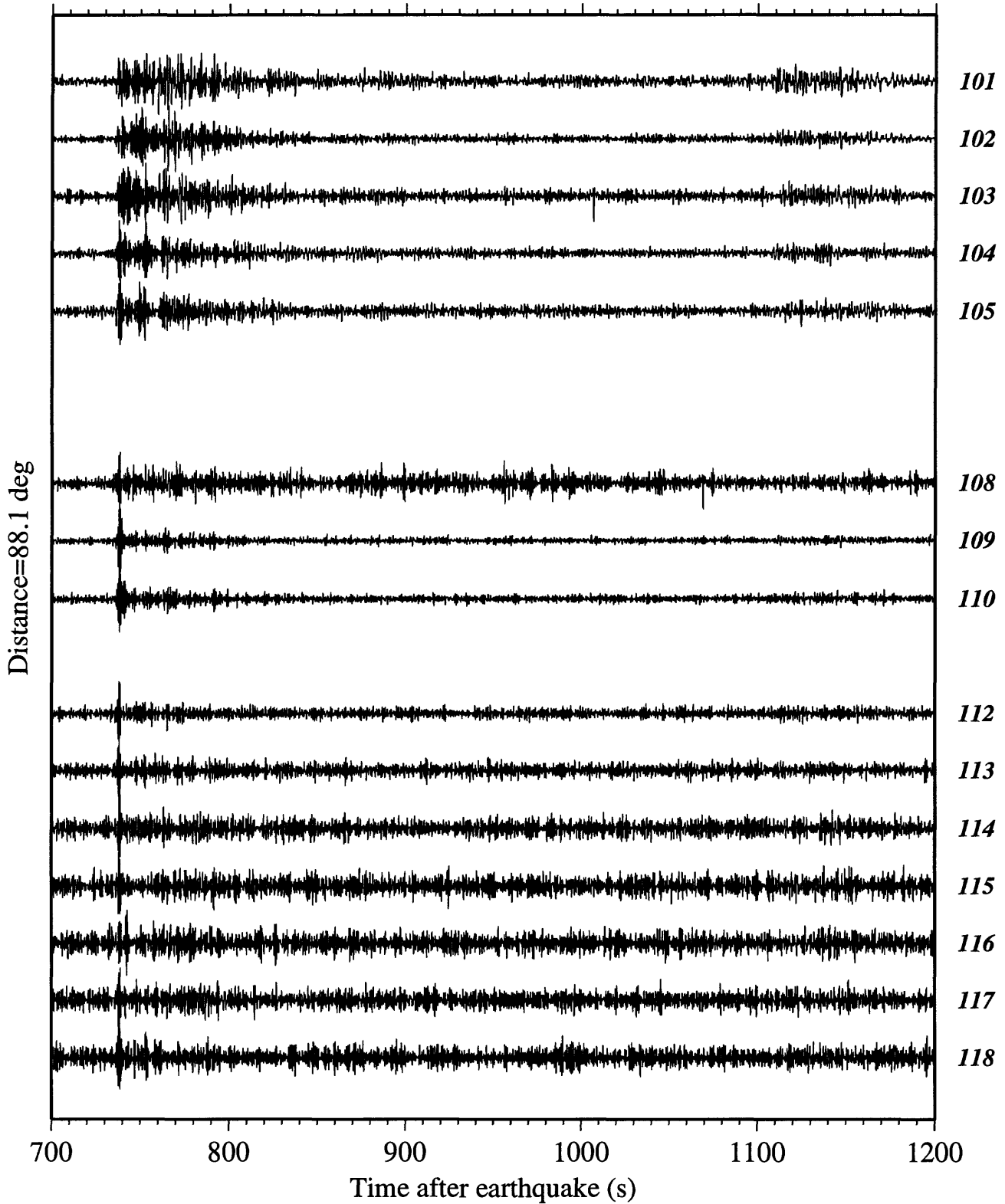
Figure 4d.

Mariana Islands - April 23, 1997

Mw=6.5, Depth=100 km

north-south velocity (bp 0.1-1.0 Hz)
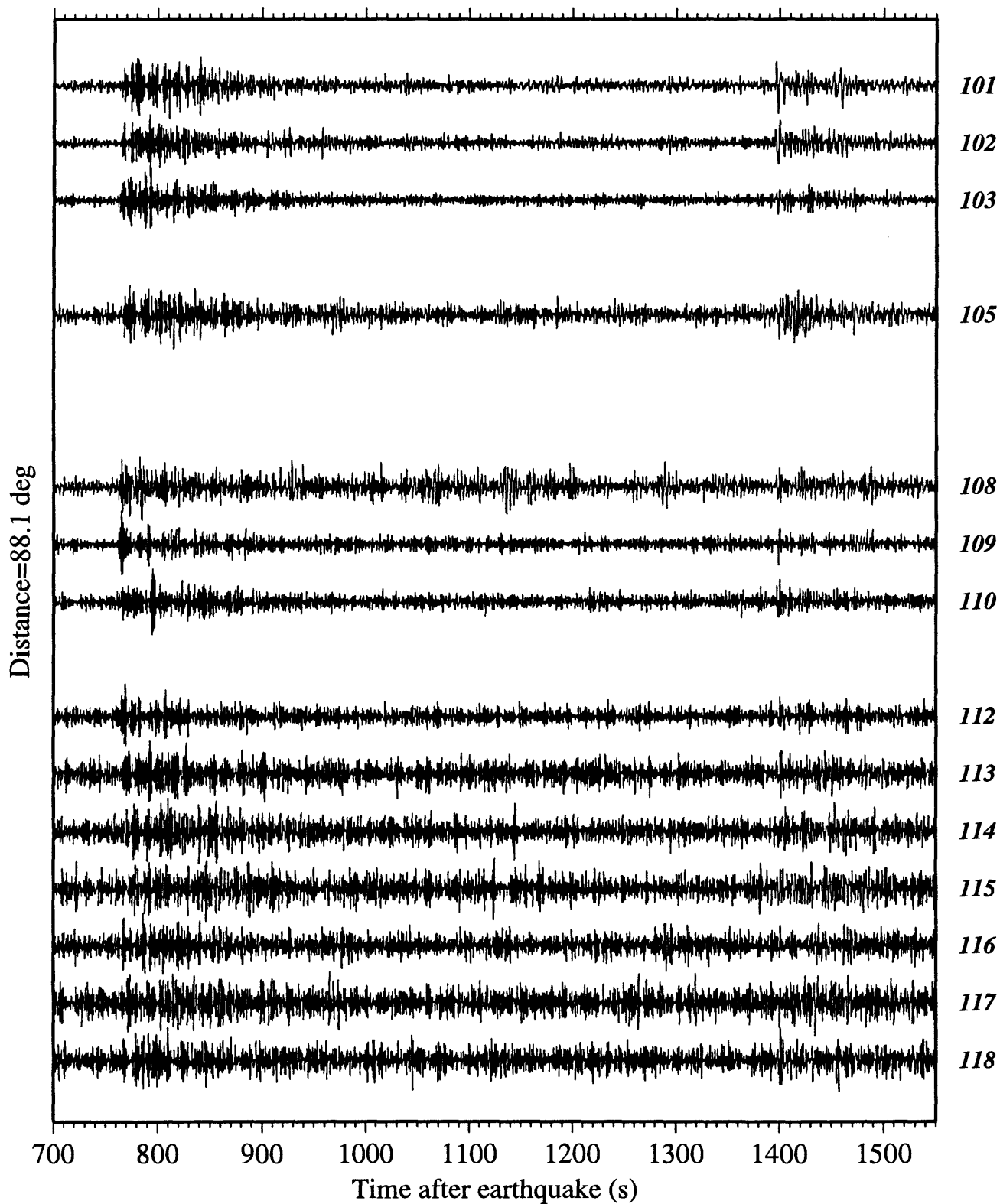
Figure 4d (continued).

Mariana Islands - April 23, 1997

Mw=6.5, Depth=100 km

east-west velocity (bp 0.1-1.0 Hz)

Distance=88.1 deg
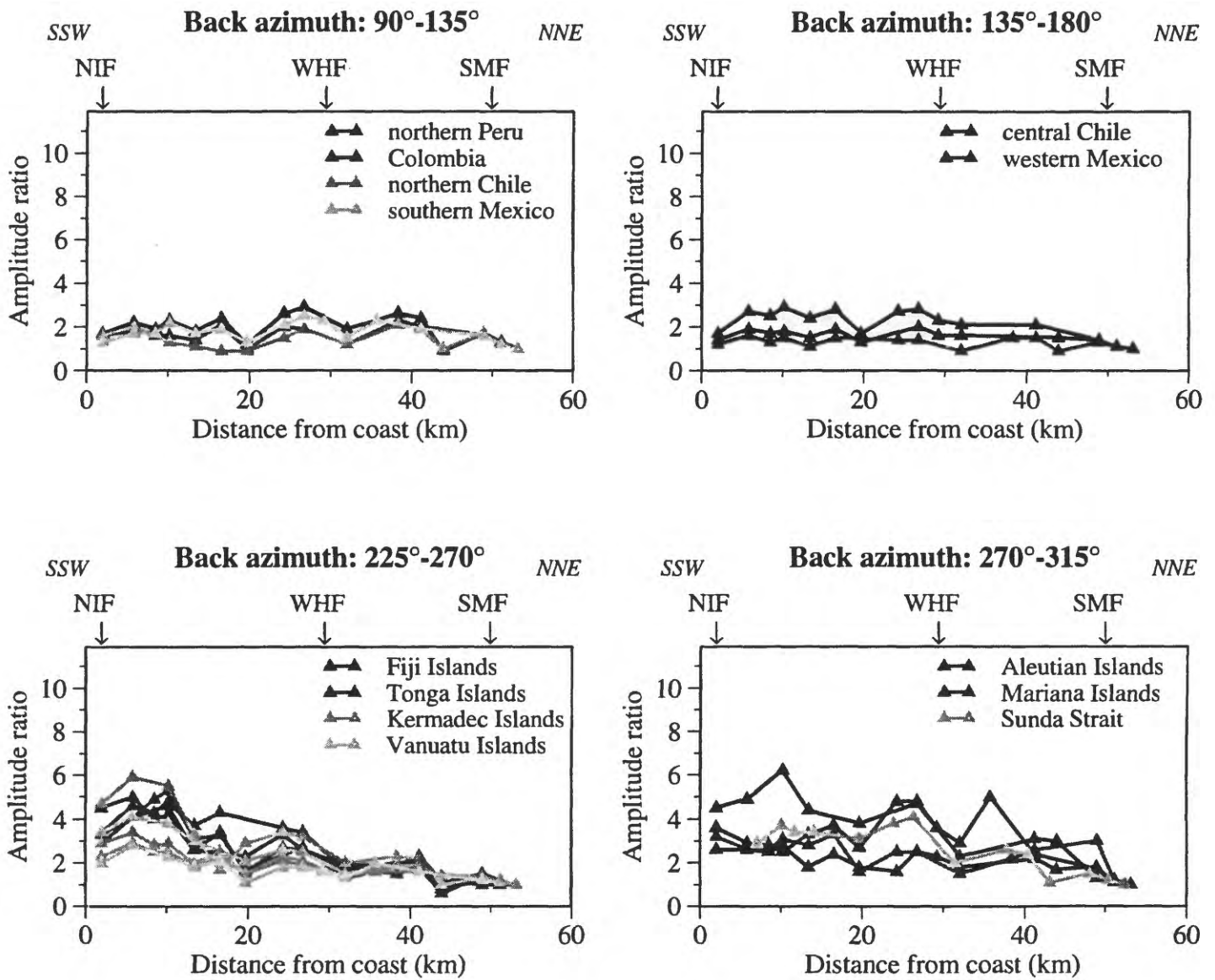
Time after earthquake (s)

Figure 4d (continued).

Figure 5. P-wave amplitude variations as a function of back azimuth. Amplification factors show relative amplification of P waves with respect to a rock site (station #101 at approximately 53 km) for teleseismic observations from earthquakes in the given regions. The amplification pattern is systematic for similar back azimuths. NIF, Newport-Inglewood fault; WHF, Whittier fault; SMF, Sierra Madre fault.