

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT

OCTOBER 1992

by

U.S. Geological Survey

NATIONAL EARTHQUAKE INFORMATION CENTER¹

Open-File Report 92-610



This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Although this data file has been used by the U.S. Geological Survey, no warranty, expressed or implied, is made by the USGS as to the accuracy of this file, nor shall the fact of distribution constitute any such warranty, and no responsibility is assumed by the USGS in connection therewith.

1992

¹USGS, Denver, Colorado

EARTHQUAKE DATA REPORT

The Earthquake Data Report (EDR) is a bulletin of all seismic phase and amplitude data which were associated with events published in the Preliminary Determination of Epicenters (PDE) Monthly Listing. It also contains information about the hypocentral computations (such as standard errors) that are not included in the PDE Monthly Listing. A machine-readable version of this EDR is available from the Books and Open-File Reports Section of the U.S. Geological Survey.

All data in the EDR are grouped by event, with events listed by origin time in date/time order through the month. All times are in Coordinated Universal Time (UTC). Locations are in decimal degrees of geographic latitude and longitude. Depths are in kilometers below the free surface. Hypocentral coordinates are determined by a modified Geiger's method and may be constrained by reported first arriving P-waves, Pdiff, and the DF branch of PKP. Data are corrected for station elevation and for the ellipticity of the Earth. Outliers may be truncated (ie., removed from the calculation) either automatically or manually. The solution is allowed to converge between rounds of automatic truncation to insure a unique result. Convergence is aided by step length damping.

The error bars of the computed hypocentral coordinates are 90% marginal confidence intervals incorporating Bayesian information to stabilize estimates derived from small samples (Jordan and Sverdrup, 1981). It is assumed that the travel-time errors of the data used are independent, unbiased, and have an expected standard deviation of 1 s. Monte Carlo experiments suggest that the error bars are accurate for events constrained by more than about 30 data. However, care should be exercised in interpreting these numbers in terms of absolute location accuracy because of unmodeled biases. Analysis of events with independently known coordinates indicates that most PDE determinations are accurate to a few tenths of a degree in epicentral position and 25 km in depth. For special studies, we urge that inquiry be made to this office for possible recomputation of hypocenters of interest, using more complete instrumental data.

Restricted focal depths occur in four instances. If at any point in the computation the depth becomes negative, the solution is automatically restricted at 33 km and indicated by "NORMAL DEPTH." If the unrestricted depth computation is unsatisfactory, and in the judgment of the reviewing geophysicist the earthquake probably has a shallow focus, a solution may be held at 33 km. These are also indicated by "NORMAL DEPTH." The geophysicist may restrain the depth at any value indicated by evidence from available seismograms. These are indicated by, for example, "DEPTH = 100 KM (GEOPHYSICIST)." If two or more pP phases are identified, and in general, yield depths within 10 km of the mean, then the depth is automatically restricted to this value and denoted by, for example, "DEPTH = 51 KM (5 DEPTH PHASES)." pP phases may also appear as unidentified second arrivals with associated travel-time residuals. Hypocentral coordinates derived from other sources, such as the California Institute of Technology, the University of California at Berkeley, and the U. S. Department of Energy are noted on the EDR.

Two types of magnitude are computed: body-wave magnitude (m_b) and surface-wave magnitude (M_{SZ}). Each is a 25% trimmed mean of individual station values. Station magnitudes not used in the trimmed mean are marked with an X. This includes station magnitudes of either type which deviate significantly from the mean and surface-wave magnitudes determined from horizontal amplitudes. Body-wave magnitudes are computed according to the formula $\log(A/T) + Q$, derived by Gutenberg and Richter (1956), where A is the P-wave amplitude in micrometers, T is the period in seconds, and Q is the depth-distance factor. Surface-wave magnitudes are computed from the formula $\log(A/T) + 1.66 \log(\Delta) + 3.3$, where A is the maximum vertical surface-wave amplitude in micrometers, T is the period in seconds, and Δ is the epicentral distance in degrees. Surface-wave magnitudes are determined only for earthquakes whose focal depths (taking into account the computed standard deviations) are potentially less than 50 km, for stations having $20^\circ \leq \Delta \leq 160^\circ$, and for reported periods of $18 \leq T \leq 22$ s. No correction for focal depth is used in the M_S calculation. Body-wave magnitudes are not determined from PKP arrivals or for stations having $\Delta \leq 5^\circ$. Amplitude values stated in this report are in nanometers (nm) for body-waves and micrometers (μm) for surface-waves.

The travel-time residual (observed - computed) is based on the 1940 Jeffreys-Bullen P and 1968 Bolt PKP travel-time tables. Phases not used in the computation are marked by an X. The azimuth from the epicenter to the station is measured clockwise from north. The epicentral distance is the central angle in degrees.

The pulse distortion of seismic phases that have ray paths that touch a single internal caustic (e.g., PP, pPP, SS and PKPab) can be corrected using the method of Hilbert transformation described by Choy and Richards (1975). Arrival times that are read from the phases that are corrected for pulse distortion are identified by the symbol H preceding the phase identifier (e.g., HPP, HpPP, HSS and HP'ab).

Hypocenter Symbols

- & Indicates that parameters of the hypocenter were supplied or determined by a computational procedure not normally used by the National Earthquake Information Service (NEIS). The source or nature of the determination is indicated by a 2 to 5 letter code enclosed by angle brackets and appearing in the first line of comments. A "-P" appended to the code indicates that the computation is preliminary. These codes are included with the list of abbreviations in the PDE Monthly Listing.
- % Indicates a single network solution. A non-furnished hypocenter has been computed using data reported by a single network of stations for which the date and/or origin time cannot be confirmed from seismograms available to a NEIS analyst. Also, if we define η to be the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse, then $\eta \leq 16.0$ km.
- * Indicates a less reliable solution. In general, $8.5 < \eta \leq 16.0$ km.
- ? Indicates a poor solution, published for completeness of the catalog. In general, $\eta > 16.0$ km. This includes poor solutions computed using data reported by a single network.

The lack of any symbol indicates that $\eta \leq 8.5$ km.

Note: On printers available to the NEIS for this publication, the symbol for degrees ($^{\circ}$) appears as "°". Also note that certain phase codes are abbreviated because the data base and file format limit the length of the codes to five characters. Thus, PKP is occasionally abbreviated to P' and the numbers 2 and 3 are sometimes used to represent the AB (AC for SKKS) and BC branches of core phases, respectively. In some codes, R is used to represent repetition; for example, pRPPK represents the phase pPKPPK and RRP represents PgPgPg.

References

- Bolt, Bruce A. (1968), Estimation of PKP Travel Times, *Bull. Seis. Soc. Am.*, **58**, pp. 1305-1324.
- Choy, George L. and P. G. Richards (1975), Pulse Distortion and Hilbert Transformation in Multiply Reflected and Refracted Body Waves, *Bull. Seis. Soc. Am.*, **65**, pp. 55-70.
- Gutenberg, B. and C. F. Richter (1956), Magnitude and Energy of Earthquakes, *Ann. di Geofisica*, **9**, no. 1, pp. 1-15.
- Jeffreys, Harold and K. E. Bullen (1940), *Seismological Tables*, British Assoc. for the Advancement of Science, Gray Milne Trust.
- Jordan, Thomas H. and Keith A. Sverdrup (1981), Teleseismic Location Techniques and their Application to Earthquake Clusters in the South-Central Pacific, *Bull. Seis. Soc. Am.*, **71**, pp. 1105-1130.

AUE	0.71	195	eP	41	40.75	-0.9
AUP	0.71	197	iPd	41	41.04	-0.8
AUW	0.71	199	iPd	41	40.97	-0.8
AUH	0.71	198	iPd	41	41.00	-0.8
			eS	41	56.81	
AUI	0.74	196	iPd	41	40.97	-1.0
			eS	41	55.78	
HOM	0.79	118	ePc	41	41.84	-0.6
			eS	41	56.91	
XLV	0.88	131	eP	41	42.06	-1.1
			eS	41	57.90	
MCNL	1.09	218	iPd	41	44.08	-1.1
			eS	42	01.96	
BKG	1.10	20	iPd	41	44.55	-0.8
			eS	42	02.97	
BRK	1.11	104	eP	41	44.72	-0.7
			S	42	02.62	
NKA	1.13	51	ePc	41	46.50	0.9
CDD	1.16	196	iPd	41	44.61	-1.4
			eS	42	02.32	
CKL	1.21	16	iPd	41	45.83	-0.7
CKT	1.23	19	iPd	41	45.90	-0.9
			eS	42	05.40	
SPU	1.24	22	iPd	41	45.60	-1.2
			eS	42	04.32	
CKN	1.26	19	iPd	41	46.36	-0.7
			eS	42	06.58	
BGL	1.26	14	iPd	41	46.34	-0.8
CRP	1.30	19	iPd	41	46.36	-1.3
			eS	42	05.49	
CGLM	1.36	21	iPd	41	47.38	-0.9
NCG	1.43	17	iPd	41	48.24	-0.8
SLKM	1.47	70	eP	41	47.80	-1.6
SYI	1.47	167	eP	41	47.99	-1.4
			eS	42	08.66	
SVW	1.67	311	iPc	41	50.10	-1.7
SEW	1.79	86	ePc	41	51.32	-1.8
SUA	1.81	37	iPd	41	52.53	-1.0
			eS	42	17.12	
MPA	1.88	75	ePc	41	52.72	-1.5
SKT	2.08	20	iPd	41	55.48	-1.3
			eS	42	20.32	
PMS	2.09	53	P	41	55.40	-1.5
PTE	2.14	66	ePc	41	55.56	-2.0
PWA	2.23	42	P	41	57.00	-1.6
			S	42	25.90	
KDC	2.32	173	iPd	41	56.97	-2.8
			eS	42	24.61	
PLRM	2.46	49	eP	41	59.77	-1.8
PMR	2.46	49	eP	41	59.46	-2.1
			S	42	26.36	
KNK	2.63	57	ePd	42	01.32	-2.6
GHO	2.65	47	ePd	42	01.70	-2.5
			eS	42	32.87	
KNIM	2.66	81	ePc	42	01.38	-2.8
SML	2.89	50	ePd	42	04.82	-2.6
GLI	3.05	71	eP	42	07.99	-1.5
TTA	3.23	335	(P)	42	09.99	-2.0
SCM	3.31	55	ePd	42	10.27	-2.7
FID	3.32	75	eP	42	10.86	-2.2
HUR	3.36	27	eP	42	12.32	-1.3
MID	3.44	97	P	42	12.80	-1.7
VLZ	3.48	69	eP	42	11.98	-3.1
TRF	3.66	20	eP	42	15.77	-2.0
KTH	3.66	15	eP	42	15.31	-2.4
KLU	3.77	64	ePd	42	16.35	-2.8
RND	3.91	29	eP	42	18.94	-2.1
TOA	3.92	55	eP	42	19.80	-1.3
MCK	4.18	26	eP	42	22.87	-1.7
SDG	4.38	52	eP	42	25.10	-2.3
PAX	4.66	48	eP	42	28.83	-2.3
GLB	4.73	69	ePc	42	30.39	-1.7
NEA	4.91	20	ePd	42	31.95	-2.5
WRH	5.01	25	ePd	42	33.13	-2.6
WAX	5.0					

01d 00h

PNL 6.87 87 eP 42 58.98 -2.3
 HQN 7.17 89 eP 43 03.31 -2.0
 84 obs. associated

& OCT 01, 1992 01h 30m 08.98s
 35.837 N 117.671 W
 DEPTH = 8.2km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 2.8 (PAS).

ISA 0.68 255 ePn 30 21.25 -1.3
 GSC 0.89 127 iPd 30 25.12 -1.1
 eS 30 36.68
 TPNV 1.60 46 ePn 30 37.23 -0.5
 iPg 30 39.34
 eS 30 59.86
 ABL 1.60 233 ePn 30 36.99 -0.9
 ePg 30 39.14
 eS 30 59.21
 SSK 1.62 181 ePn 30 37.82 -0.3
 eS 30 59.47
 PEC 1.99 168 ePn 30 42.29 -0.9
 eS 31 11.34
 BCH 2.07 252 ePn 30 44.96 0.4
 eS 31 12.87
 MEMM 2.09 331 (Pn) 30 43.82 -0.9
 ePg 30 47.50
 eS 31 14.38
 BONR 2.17 347 ePn 30 45.59 -0.6
 PHAM 2.22 271 (Pn) 30 45.28 -1.3
 ePg 30 47.83
 TNP 2.27 9 ePn 30 46.36 -1.2
 iPg 30 51.00
 PLM 2.57 165 ePn 30 50.41 -1.3
 ePg 30 56.36
 eS 31 28.97
 GLA 3.64 139 (Pn) 31 06.73 -0.1
 eS 32 03.43
 ARUT 3.91 59 ePg 31 22.27 11.4
 eS 32 08.43

14 obs. associated

? OCT 01, 1992 01h 31m 48.97±14.23s
 27.832 N ±142.km 102.374 W ±20.7km
 DEPTH = 5.0km (geophysicist)
 NORTHERN MEXICO (522)
 mblg 3.8 (GS). Felt at a ranch
 about midway between Boquillas
 del Corman and Ocampo.

LTX 1.88 323 Pn 32 21.76 -0.4
 Lg 32 56.40
 BUTX 5.82 47 Pn 33 19.88 1.9
 Sn 34 25.28
 ALQ 7.90 335 ePn 33 48.04 0.6
 ePg 34 17.16
 eS 35 58.28
 FNO 8.53 29 iPd 34 16.00 19.9X
 UYO 9.27 45 iPd 34 06.20 -0.1
 TUL 9.80 33 (Pn) 34 50.60 37.0X
 MIAR 10.07 46 e(P) 34 16.07 -1.3
 RLO 10.39 35 Pn 34 21.00 -0.7
 GOL 12.10 349 e(P) 34 54.40 9.2X

S.D. = 1.4 on 6 of 9 obs.

& OCT 01, 1992 01h 41m 29.15s
 62.456 N 148.706 W
 DEPTH = 39.8km
 CENTRAL ALASKA (1)
 <AEIC>. ML 3.0 (AEIC).

SML 0.67 165 iPd 41 41.46 -0.9
 HUR 0.68 321 iPd 41 41.64 -0.7
 eS 41 51.77
 GHO 0.69 189 iPd 41 41.85 -0.8
 eS 41 52.39
 PLRM 0.89 193 iPd 41 44.23 -1.1
 PMR 0.89 193 iPd 41 44.00 -1.3
 eS 41 56.33
 SCM 0.90 133 iPd 41 44.34 -1.2
 RND 0.96 356 iPd 41 45.37 -1.0
 eS 41 58.25
 PWA 0.98 215 P 41 46.20 -0.4
 S 41 59.10
 KNK 1.05 173 iPd 41 46.98 -0.7
 eS 42 00.68
 TRF 1.23 325 iPd 41 49.26 -1.1

TOA 1.24 105 eS 42 05.46
 PMS 1.28 199 P 41 49.90 -0.4
 MCK 1.29 355 iPd 41 50.27 -0.7
 eS 42 06.52
 SUA 1.39 225 ePd 41 51.98 -0.5
 eS 42 10.83
 SKT 1.41 251 iPd 41 51.68 -1.0
 eS 42 10.44
 SDG 1.47 86 ePd 41 52.91 -0.7
 KTH 1.49 318 ePd 41 53.08 -0.9
 eS 42 12.48
 PAX 1.58 69 ePd 41 54.39 -0.8
 eS 42 14.79
 TZL 1.59 104 eP 41 55.16 -0.1
 PTE 1.60 186 iPd 41 54.96 -0.5
 KLU 1.63 125 iPd 41 54.98 -1.0
 THY 1.66 53 eP 41 55.80 -0.5
 VLZ 1.74 139 iPd 41 56.08 -1.3
 eS 42 18.08
 GLI 1.76 153 iPd 41 56.50 -1.2
 CGLM 1.94 235 ePd 41 59.76 -0.7
 NCG 1.94 239 eP 41 59.55 -0.9
 MPA 2.00 189 eP 42 00.32 -0.8
 FID 2.02 147 ePd 42 00.04 -1.4
 CRP 2.02 235 ePn 42 00.42 -1.3
 eS 42 28.49
 SPU 2.04 233 eP 42 00.85 -1.0
 WRH 2.04 8 eP 41 59.88 -1.9
 CKN 2.06 235 eP 42 01.77 -0.3
 CKT 2.08 234 ePd 42 01.80 -0.7
 SLKM 2.09 201 eP 42 01.64 -0.8
 DJE 2.09 40 eP 42 02.62 0.2
 NKA 2.10 216 eP 42 05.35 2.7
 HDA 2.11 21 ePd 42 01.15 -1.6
 BGL 2.12 237 ePn 42 02.09 -0.9
 iPg 42 02.44
 NEA 2.14 356 ePd 42 01.02 -2.1
 CKL 2.14 235 ePd 42 02.56 -0.7
 KNIM 2.17 167 eP 42 02.00 -1.6
 BKG 2.19 232 eP 42 03.22 -0.8
 CCB 2.24 10 eP 42 02.36 -2.2
 HIN 2.32 152 eP 42 04.07 -1.7
 SEW 2.39 189 eP 42 06.24 -0.4
 DOT 2.43 58 eP 42 06.40 -0.9
 FBA 2.49 9 eP 42 05.74 -2.4
 eS 42 34.35
 GLB 2.53 112 ePd 42 07.33 -1.4
 SGAM 2.58 138 eP 42 07.28 -2.2
 RDT 2.59 225 ePd 42 08.44 -1.2
 GLM 2.61 12 ePd 42 07.65 -2.2
 DFR 2.67 227 ePd 42 10.01 -0.8
 MLY 2.74 342 ePd 42 09.80 -1.9
 REF 2.75 226 eP 42 11.14 -0.9
 NCT 2.78 229 eP 42 11.35 -0.9
 RSO 2.79 226 eP 42 11.87 -0.7
 RS2 2.79 226 eP 42 11.70 -0.9
 RS1 2.79 226 eP 42 11.66 -0.9
 RDW 2.79 227 eP 42 11.58 -1.0
 RED 2.83 226 eP 42 11.89 -1.1
 INE 3.19 223 eP 42 17.14 -1.1
 INW 3.21 224 eP 42 17.60 -0.9
 TGL 3.28 119 eP 42 18.57 -1.0
 BALM 3.34 112 eP 42 18.04 -2.3
 TTA 3.40 281 ePn 42 17.95 -3.2
 S 42 57.99
 WAX 3.46 123 eP 42 19.54 -2.4
 SVV 3.55 251 eP 42 20.79 -2.4
 PDB 3.77 227 eP 42 23.62 -2.8
 CTGM 3.82 110 eP 42 25.01 -2.1
 AUW 3.87 219 eP 42 25.78 -2.0
 YAH 3.95 119 eP 42 26.94 -2.1
 IMA 4.22 331 eP 42 29.95 -2.9
 MCNL 4.29 223 eP 42 31.70 -1.9
 FYU 4.39 18 eP 42 30.37 -4.7

74 obs. associated

? OCT 01, 1992 01h 57m 20.42±4.06s
 2.879 S ±40.0km 128.763 E ±47.0km
 DEPTH = 93.7 ± 31.6 km
 4.6mb (2 obs.)
 CERAM SEA (270)

AAI 0.98 215 iPd 57 40.50 0.1
 iS 58 09.00
 ASPA 21.25 167 eP 02 00.00 -0.8
 0.7s 38.10nm 4.8mb

e 04 36.30
 eS 05 50.30
 CTA 24.17 136 iPd 02 29.00 -0.3
 1.0s 15.00nm 4.4mb
 PPI 28.45 274 e(P) 03 21.00 12.3X
 STKA 31.27 159 eP 03 34.60 1.1
 CHG 36.41 307 eP 04 33.20 15.3X
 BJI 44.24 346 eP 05 42.00 19.9X
 1.3s 40.00nm
 GUN 51.36 310 P 06 31.20 13.1X
 PKI 51.56 309 P 06 18.50 -1.1
 KKN 51.77 309 P 06 25.90 4.9X
 DMN 51.81 309 P 06 21.10 -0.4
 GKN 52.37 309 P 06 26.90 1.4
 S.D. = 1.3 on 7 of 12 obs.

OCT 01, 1992 02h 31m 27.41±1.13s
 36.591 N ± 7.9km 141.259 E ± 9.7km
 DEPTH = 45.1 ± 8.4 km
 4.7mb (11 obs.) 4.5MsZ (2 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ 0.96 247 P 31 43.70 -0.9
 S 31 52.40
 YAMJ 1.86 329 iPd 31 58.20 0.9
 S 32 20.10
 CHJJ 1.91 254 P 31 57.10 -0.9
 S 32 16.80
 NIJJ 1.92 290 P 31 57.40 -0.8
 S 32 18.30
 MAT 2.46 270 iPd 32 05.90 0.0
 iS 32 32.80
 OFUJ 2.51 7 iPd 32 07.90 1.3
 S 32 37.20
 MTMJ 2.78 271 P 32 10.40 -0.2
 IIDJ 2.93 249 P 32 13.90 1.2
 S 32 45.40
 AOMJ 4.02 350 eP 32 30.40 2.3
 TSRJ 4.40 258 P 32 33.50 0.0
 WKYJ 5.20 245 P 32 44.60 -0.1
 MRRJ 5.83 359 eP 32 53.20 -0.3
 eS 34 03.70
 HOOJ 5.99 15 eP 32 56.10 0.3
 eS 33 59.80
 TKSJ 6.45 248 eP 33 01.10 -1.1
 YONJ 6.48 260 eP 33 03.50 0.8
 KUSJ 7.02 21 eP 33 08.80 -1.4
 eS 34 26.50
 ASAJ 7.59 8 eP 33 16.60 -1.6
 YSS 10.47 5 eP 33 55.00 -2.8
 0.9s 30.00nm 5.5mb
 Z 17s 0.40um
 E 17s 0.40um
 MDJ 11.94 316 eP 34 20.50 2.8
 SNY 14.67 296 eP 34 58.30 4.7X
 TIA 19.42 276 eP 35 55.00 2.2
 XAN 26.45 274 eP 37 00.90 -1.0
 YAK 26.46 348 eP 37 00.00 -1.7
 1.0s 75.00nm 5.2mb
 Z 26s 1.40um 4.4MsZ
 E 21s 0.70um
 BOD 27.78 329 iPd 37 13.10 -0.7
 0.7s 8.00nm 4.5mb
 GYA 31.03 261 P 37 41.80 -1.4
 pP 37 57.60 65kmX
 TIK 35.70 353 eP 38 23.00 0.0
 1.0s 11.00nm 4.7mb
 Z 20s 1.00um 4.6MsZ
 WMO 40.93 297 P 39 09.00 1.9
 GUN 47.08 276 P 39 58.00 1.0
 KKN 47.61 276 P 39 59.12 -2.0
 GKN 48.03 277 P 40 04.10 -0.3
 SVE 55.40 319 ePd 40 58.00 -1.1
 WRA 56.61 188 P 41 07.70 -0.4
 0.5s 9.60nm 5.1mb
 MBC 56.99 16 eP 41 11.00 0.8
 GBA 61.06 266 P 41 49.00 9.8X
 RMO 63.14 172 eP 41 53.70 1.0
 0.7s 10.00nm 5.0mb
 STKA 68.11 180 iPd 42 24.90 0.4
 KAF 68.64 333 iPd 42 26.70 -0.9
 0.4s 4.70nm 4.8mb
 NUR 70.28 332 iPd 42 37.00 -0.6
 0.4s 2.70nm 4.6mb
 HFS 74.44 336 eP 43 01.50 -0.7
 0.4s 1.50nm 4.3mb
 Z 21s 0.20um 4.4MsZ

NB2 74.55 337 P 11 33.00 -0.3
 0.7s 2.90nm 4.3mb
 LRM 74.55 44 eP 43 06.10 2.6
 e 43 20.60
 CLL 81.42 330 e(P) 43 54.00 13.3X
 KHC 82.86 328 eP 43 50.00 1.7
 e 44 25.50
 GEC2 83.02 328 P 43 49.20 0.0
 0.9s 1.04nm 3.9mb
 ZOBO 147.02 60 ePKP 51 12.00 6.1X
 i 51 24.50
 LPB 147.21 60 PKP 51 25.00 19.1X
 CNCB 147.48 60 ePKP 51 12.00 5.5X
 SIV 151.46 50 PKP 51 20.40 8.4X
 S.D. = 1.4 on 41 of 48 obs.

& OCT 01, 1992 02h 40m 58.00s
 35.930 N 90.010 W
 DEPTH = 5.0km (geophysicist)
 ARKANSAS (502)
 <SLM-P>. MD 2.7 (SLM), 2.6
 (TEIC). mbLg 2.5 (GS). Felt at
 Blytheville.

WGAR 0.17 242 eP 41 01.24 -0.2
 OHTN 0.45 61 ePd 41 06.84 -0.3
 S 41 11.89
 CBD 0.48 37 ePc 41 07.61 -0.1
 S 41 13.25
 MFTN 0.55 65 ePd 41 08.47 -0.6
 S 41 16.50
 LDMO 0.60 37 ePc 41 09.65 -0.4
 BBTN 0.64 44 ePc 41 09.46 -1.3
 S 41 19.04
 OGTN 0.65 41 ePd 41 09.51 -1.4
 NRMS 0.65 31 iPc 41 10.85 -0.2
 S 41 19.38
 ACTN 0.70 54 eP 41 11.36 -0.7
 S 41 21.36
 DWM 0.97 26 eP 41 16.11 -0.7
 S 41 28.80
 CRU 1.04 50 eP 41 17.45 -0.6
 S 41 31.54
 DON 1.25 3 ePc 41 21.10 -0.5
 S 41 40.38
 OLY 1.26 251 eP 41 22.80 0.9
 ELC 1.49 25 ePnc 41 24.83 -0.6
 S 41 44.32
 GOIL 1.78 40 eP 41 29.06 -0.5
 CSIL 1.96 30 eP 41 32.06 -0.2
 S 41 59.56
 FVM 2.08 351 eP 41 33.61 -0.3
 eS 42 01.73
 CIRL 2.20 44 eP 41 34.81 -0.8
 S 42 05.40
 NHIL 2.48 36 eP 41 39.52 -0.1
 19 obs. associated

& OCT 01, 1992 03h 11m 27.12s
 34.977 N 116.938 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
 Felt at Borstow.

GSC 0.34 19 iPc 11 34.00 0.1
 SSK 0.99 219 iPd 11 45.54 -1.3
 S 11 58.72
 PEC 1.10 190 iPd 11 47.59 -1.1
 S 12 02.32
 ISA 1.43 299 ePnc 11 52.68 -1.7
 S 12 12.97
 PLM 1.62 178 ePn 11 56.27 -0.9
 S 12 16.16
 ABL 1.88 267 ePn 11 59.27 -1.7
 ePg 12 01.85
 S 12 26.82
 TPNV 2.05 16 ePn 12 01.41 -1.9
 BCH 2.59 275 ePn 12 08.93 -2.2
 GLA 2.60 137 ePn 12 07.65 -3.5
 PKEM 2.80 294 ePn 12 13.18 -0.9
 PHAM 2.95 288 ePn 12 14.50 -1.7
 TNP 3.11 356 ePn 12 17.16 -1.4
 MEMM 3.13 330 ePn 12 18.90 0.3
 BONR 3.17 340 ePn 12 18.49 -1.0
 ARUT 3.98 44 ePn 12 29.54 -1.4

CMB 4.13 319 ePn 12 32.00 -0.8
 ARN 4.41 304 ePn 12 35.21 -1.7
 MSU 5.20 46 ePn 12 46.45 -1.9
 NTYM 5.72 308 eP 12 52.81 -2.6
 SRU 6.58 49 (P) 13 08.10 0.3
 20 obs. associated

* OCT 01, 1992 03h 14m 56.93±1.11s
 50.402 N ±14.6km 18.788 E ±6.5km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 MG 2.5 (BRA).

RAC 0.50 230 iPd 15 07.40 0.4
 iS 15 14.70
 OJC 0.67 105 iPgc 15 10.20 -0.1
 iSg 15 19.00
 SPC 1.54 142 iPn 15 24.70 0.1
 i(Sg) 15 45.40
 Lg 15 48.00
 KSP 1.65 286 ePn 15 27.20 1.2
 iPg 15 30.00
 iS 15 52.50
 VRAC 1.79 233 iPnc 15 28.60 0.5
 0.5s 14.80nm
 i 15 29.60
 eSg 15 52.70
 SRO 2.61 187 iP 15 45.70 5.8X
 PRU 2.76 263 ePn 15 40.50 -1.5
 Pg 15 49.80
 Sg 16 23.00
 BRG 3.12 281 iPg 15 56.00 9.0X
 iSg 16 40.00
 KHC 3.61 251 Pn 15 53.50 -0.6
 Pg 16 06.00
 eSg 16 47.10
 CLL 3.78 286 ePg 16 10.00 13.6X
 eSg 17 02.00
 GRF 4.93 265 ePg 16 30.00 17.3X
 eSg 17 33.60
 S.D. = 1.1 on 7 of 11 obs.

OCT 01, 1992 03h 21m 04.35±0.33s
 53.591 S ±6.9km 51.661 W ±9.5km
 DEPTH = 10.0km (geophysicist)
 5.3mb (12 obs.) 5.5msz (5 obs.)
 SOUTH ATLANTIC OCEAN (409)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 26S, 49C
 Centroid Location:
 Origin Time 03:21:12.1 0.2
 Lat 53.63S 0.02 Lon 51.48W 0.04
 Dep 15.0 FIX Half-duration 1.6
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-0.48 0.07 Mtt=-1.99 0.08
 Mff= 2.46 0.08 Mrt= 0.00 0.00
 Mrf= 0.00 0.00 Mtf= 1.86 0.07
 Principal Axes:
 T Val= 3.14 Plg= 0 Azm=110
 N -0.48 90 180
 P -2.66 0 20
 Best Double Couple: Mo=2.9*10¹⁷
 NP1: Strike=155 Dip=90 Slip=-180
 NP2: 245 90 0

AIA 13.30 204 eP 24 25.20 9.7X
 LPA 19.20 344 eP- 25 28.00 -2.6
 1.2s 500.00nm 5.6mb
 Z 20s 7.09um
 RFA 22.24 321 ePc 26 02.50 -0.2
 MRA 23.45 329 ePd 26 14.70 0.3
 PEL 24.53 319 ePc 26 25.00 0.0
 RTCV 24.88 324 iPd 26 27.50 -0.9
 CFA 25.01 325 e(P) 26 29.00 -0.6
 RTCB 25.32 324 ePd 26 32.00 -0.6
 RTLL 25.34 325 ePd 26 33.30 0.5
 TLL 27.23 322 ePd 26 49.60 -0.9
 RSTA 28.97 5 eP 27 18.40 12.5X
 VAO 30.75 8 eP 27 24.60 2.7
 PPD 31.51 1 eP 27 28.80 0.3
 YJA 33.09 336 ePc 27 37.30 -5.5X
 SPA 36.59 180 iPd 28 11.80 -0.3
 1.0s 22.53nm 4.9mb
 Z 19s 24.68um 6.0msz
 i 34 03.20
 CCH 37.86 337 eP 28 25.00 1.8

BDF 37.96 6 Pc 28 24.30 0.4
 e 28 40.10
 e 28 48.00
 e 29 09.00
 e 29 21.00
 e 29 32.50
 e 29 37.70
 e 30 24.00

BAO 37.98 6 Pc 28 24.20 0.1
 e 28 33.60
 e 28 40.10
 e 28 44.10
 e 29 05.90
 e 29 09.50
 e 29 22.80
 e 29 37.50
 e 29 45.00
 e 30 04.00
 e 30 14.00
 e 30 21.10
 e 30 30.20
 e 30 44.30
 e 30 48.40
 e 33 33.50
 SIV 38.24 345 P 28 26.40 0.3
 CNCB 38.85 335 P 28 33.00 1.1
 LPB 39.15 335 P 28 35.20 1.0

Z 17s 11.97um 5.8mszX
 S 34 35.00
 LR 41 36.00
 ZOBO 39.39 335 iPc 28 37.10 0.6
 1.0s 31.50nm 4.9mb
 S 34 42.00
 LR 41 24.00

ARE 40.16 330 eP 28 44.00 1.5
 PDCR 42.16 18 eP 29 08.90 10.4X
 e 29 15.50
 e 29 24.20

NNA 46.09 325 eP 29 31.30 1.1
 1.1s 39.24nm 5.3mb
 Z 20s 3.19um 5.3msz
 SBA 46.71 190 ePc 29 35.80 1.4
 MAW 49.70 153 e(P) 29 59.00 1.2
 1.0s 17.00nm 5.0mb
 POF 56.22 95 eP 30 46.00 -0.7
 0.7s 10.27nm 5.0mb
 KIM 59.54 98 iPd 31 10.50 0.2
 1.0s 50.00nm 5.6mb
 i 31 17.50

WIN 59.60 87 iPd 31 13.00 2.1
 1.0s 30.00nm 5.4mb
 BLF 60.11 99 eP 31 06.70 -7.5X
 0.7s 40.00nm 5.7mb

CRZF 61.09 130 eP 31 36.00 15.6X
 ePP 33 33.00
 ePPP 35 05.00
 eS 39 43.00
 eSP 43 44.00
 eSS 45 23.00

SLR 63.86 98 eP 31 35.50 -3.8X
 0.9s 25.21nm 5.4mb
 SDV 64.29 339 ePd 31 42.00 -0.2
 BUL 68.32 95 iPc 32 04.50 -3.4X
 LIC 71.31 50 P 32 25.00 -0.9
 KIC 71.56 50 P 32 26.40 -1.0
 TIC 71.68 50 P 32 27.00 -1.2
 LWI 82.54 84 iPc 33 30.50 1.6
 TOO 88.00 194 eP 33 51.00 -4.6X
 BFD 88.77 191 eP 33 59.00 -0.3
 CNB 89.60 197 eP 34 04.00 0.6
 1.0s 47.00nm 5.7mb

RLO 96.95 326 e(P) 34 44.90 8.3X
 WB2 106.59 186 ePKP 39 23.80 -7.2X
 0.8s 1.70nm

WRA 106.59 186 Pdiff 35 20.10 -0.2
 0.7s 0.70nm 4.8mb
 WRA 106.59 186 PKP 39 30.20 -0.8
 0.6s 0.50nm

GEC2 116.01 42 PKP 39 46.80 -1.4
 0.7s 0.49nm
 GBA 123.59 115 PKP 40 06.00 2.5X
 NB2 124.69 32 PKP 40 03.60 -0.8
 0.6s 1.60nm
 HFS 124.80 34 ePKP 40 02.60 -1.9
 0.5s 2.80nm
 Z 20s 1.16um 5.5msz
 LR 23 38.00

01d 03h

YKA 125.82 329 ePKP 40 05.50 -1.0
 0.5s 3.30nm
 NUR 128.90 38 ePKP 40 14.90 2.5X
 OBN 130.29 49 ePKP 40 15.00 -0.2
 1.8s 72.00nm
 Z 20s 1.10um 5.6MsZ
 N 20s 0.60um

e 40 27.00
 e 41 19.50
 e 43 35.50
 e 43 52.50
 e 46 10.00
 eSKS 47 26.00
 e 51 30.00
 e 52 50.00

MAIO 130.32 81 ePKP 40 15.00 -1.0
 KAF 130.55 37 iPKP 40 14.60 -0.9
 0.6s 7.70nm

MAP 136.71 174 ePdiff 37 18.00 -16.3X
 CHG 138.53 135 ePKP 40 32.90 1.0
 DMN 139.07 112 PKP 40 23.78 -9.2X
 GKN 139.12 111 PKP 40 22.50 -10.5X
 PKI 139.21 112 PKP 40 23.70 -9.7X
 KKN 139.31 112 PKP 40 22.90 -10.5X
 GUN 139.74 112 PKP 40 23.98 -10.4X
 IMA 141.60 320 ePKP 40 40.00 3.8X
 CVP 143.83 169 ePKP 40 40.60 -0.6
 KMI 145.73 136 PKPc 40 44.00 -0.7
 pPKP 40 50.50

GZH 147.49 154 PKP 40 50.00 2.8X
 GYA 148.48 141 iPKPd 40 51.80 2.9X
 Z 20s 0.31um 5.1MsZ

CD2 151.20 132 ePKP 40 58.50 5.7X
 WMO 151.81 94 PKP 40 59.00 5.6X
 Z 24s 1.71um 5.8MsZ

LZH 155.54 126 ePKP 41 08.00 9.1X
 Z 23s 0.37um 5.1MsZ

GTA 155.99 115 ePKP 41 05.00 5.6X
 TIY 160.69 139 ePKP 41 12.00 7.3X
 Z 22s 1.05um
 N 20s 1.55um

ePP 45 32.00
 TIA 160.93 151 ePKP 41 07.70 2.8X
 BTO 162.06 129 ePKP 41 15.00 8.9X
 BJI 164.13 144 ePKP 41 16.00 8.1X
 Z 22s 0.68um

ePP 45 58.00
 eSS 06 26.00

S.D. = 1.1 on 45 of 75 obs.

OCT 01, 1992 05h 02m 34.19 ± 0.11s
 51.123 N ± 2.8km 177.997 W ± 1.6km
 DEPTH = 14.8km (geophysicist)
 5.9mb (171 obs.) 5.8MsZ (67 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ML 5.7 (PMR). Mo=2.0*10**18 Nm
 (PPT). Felt (IV) on Adak. Two
 events about 1.4 seconds apart.
 Depth from broadband
 displacement seismograms, based
 on first event.

FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=72 Dip=73 Slip=90
 NP2: 252 17 90
 Principal Axes:

T P1g=62 Azm=342
 P 28 162

Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.

RADIATED ENERGY
 No. of sta: 19 Focal mech. F
 Energy 9.0 ± 1.5 * 10**12 Nm

MOMENT TENSOR SOLUTION
 Dep 6 No. of sta: 23
 Moment Tensor; Scale 10**18 Nm

Mrr=0.26 Mtt=-0.35
 Mff=0.09 Mrt=1.42
 Mrf=0.81 Mtf=-0.57

Principal axes:
 T Val=1.47 P1g=53 Azm=336
 N 0.47 4 241
 P -1.94 36 148

Best Double Couple: Mo=1.7*10**18

NP1:Strike=216 Dip=9 Slip=65
 NP2: 61 82 94

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 36S, 82C M.W.: 14S, 14C

Centroid Location:

Origin Time 05:02:39.3 0.1

Lat 51.13N 0.01 Lon 177.85W 0.02

Dep 15.0 BDY Half-duration 2.6

Moment Tensor; Scale 10**17 Nm

Mrr=6.15 0.09 Mtt=-5.53 0.11

Mff=-0.62 0.08 Mrt=8.13 0.34

Mrf=5.79 0.32 Mtf=-1.81 0.10

Principal Axes:

T Val=11.92 P1g=60 Azm=317

N -0.41 7 59

P -11.51 29 154

Best Double Couple: Mo=1.2*10**18

NP1:Strike=264 Dip=17 Slip=116

NP2: 57 75 82

ADK 1.12 47 iPd 02 56.13 1.4

SMY 5.15 291 ePn 03 55.22 2.8

SDN 11.30 61 eP 05 16.91 -1.0

PET 14.47 287 eP- 06 04.00 3.9X

1.5s 280.00nm 5.6mb

Z 20s 65.00um

N 20s 17.00um

E 20s 28.00um

eS 08 48.00

ANM 15.01 21 eP 06 08.25 1.1

SVW 15.90 42 eP 06 19.88 1.1

KDC 16.19 56 eP 06 18.18 -4.1X

0.5s 117.41nm 5.3mb

SKR 16.33 279 iPc 06 23.60 -0.6

1.0s 400.00nm 5.5mb

eS 09 21.50

TTA 16.71 37 eP 06 30.88 1.8

BGL 17.37 44 ePc 06 39.44 2.1

CRP 17.48 45 eP 06 40.72 2.0

SPU 17.49 45 eP 06 40.19 1.4

SLKM 18.08 48 eP 06 45.44 -0.7

PMS 18.63 46 eP 06 53.80 0.9

PWA 18.63 45 eP 06 54.60 1.8

0.9s 282.40nm 5.5mb

PMR 18.95 45 eP 06 58.80 2.2

0.7s 48.30nm 4.8mb X

Z 20s 15.00um

IMA 19.41 30 ePc 07 01.93 -0.5

MGD 19.61 309 eP+ 07 04.00 -0.5

0.7s 70.00nm 5.1mb

KLU 20.38 47 eP 07 11.90 -0.8

TOA 20.44 45 eP 07 12.10 -1.2

COL 20.84 37 ePc 07 15.76 -1.6

FBA 20.84 37 eP 07 18.30 1.0

0.7s 124.80nm 5.4mb

BALM 21.95 49 eP 07 28.88 0.1

BRW 22.43 18 ePd 07 33.56 0.4

KUR 23.37 269 iP+ 07 44.00 1.4

1.0s 410.00nm 5.9mb

Z 17s 8.40um 5.3MsZ

E 17s 6.20um

SIT 25.38 60 eP 08 03.09 1.1

0.9s 66.89nm 5.3mb

Z 18s 14.61um 5.5MsZ

YSS 25.85 276 iPc+ 08 07.00 0.6

1.0s 130.00nm 5.6mb

Z 20s 14.20um 5.5MsZ

E 20s 8.60um

e 08 16.00

e 08 43.70

e 08 58.00

e 11 35.00

eS 12 24.00

e 12 39.00

eSS 13 32.00

eSSS 13 58.00

KUSJ 26.39 267 eP 08 10.30 -1.1

ASAJ 27.18 271 P 08 19.50 0.8

HOJ 27.65 267 eP 08 22.30 -0.7

ERM 27.93 266 ePc 08 26.02 0.5

ec 08 27.34

MRRJ 29.03 269 eP 08 34.20 -1.1

YAK 29.95 312 eP 08 43.40 -0.1

1.3s 107.00nm 5.5mb

Z 18s 22.60um 5.8MsZ

N 15s 10.10um

E 18s 16.80um

ePPP 09 58.00

e 11 45.00

iS 13 36.00

i 15 32.00

i 19 21.00

OFUJ 30.53 263 P 08 49.20 0.4

TIK 31.10 331 iPc+ 08 54.00 0.5

2.0s 103.00nm 5.4mb

Z 16s 37.00um 6.1MsZ

i 09 10.00

i 10 05.00

i 11 48.00

i 19 24.00

YAMJ 32.09 263 eP 09 02.30 -0.3

KAKJ 33.24 260 P 09 12.50 0.0

NIJ 33.31 262 P 09 13.50 0.3

HON 33.61 145 P 09 30.00 14.2X

Z 20s 18.68um 5.8MsZ

MBC 33.66 22 ePc 09 15.70 -0.1

0.8s 41.00nm 5.4mb

CHJJ 34.07 261 P 09 19.80 0.0

MAJO 34.25 262 ePc 09 21.49 0.2

ec 09 23.31

epPd 09 26.29 16kmX

ed 09 27.70

ed 09 28.77

MAT 34.25 262 iPc 09 21.30 0.0

1.6s 43.33nm 5.1mb

Z 20s 11.70um 5.6MsZ

eS 14 48.00

MTMJ 34.47 262 P 09 23.50 0.2

PGC 34.56 72 eP 09 24.50 0.7

MCW 34.92 72 ePc 09 27.92 1.0

YKA 35.04 46 eP 09 26.40 -1.4

0.9s 45.50nm 5.4mb

IIDJ 35.11 261 P 09 27.60 -1.1

MDJ 35.11 280 iPc 09 27.47 -1.2

1.0s 46.00nm 5.3mb

Z 22s 15.90um 5.7MsZ

N 18s 5.37um

E 20s 11.90um

ec 09 29.29

ed 09 33.43

GMW 35.44 74 ePc 09 32.51 1.1

BMW 35.67 76 eP 09 34.02 0.6

RMW 36.07 73 eP 09 37.41 0.5

TSRJ 36.27 263 P 09 38.20 -0.3

LON 36.40 74 ePc 09 40.06 0.5

SHW 36.41 75 eP 09 40.13 0.4

WKYJ 37.37 261 eP 09 48.90 1.0

VGB 37.63 76 eP 09 50.37 0.5

ePcP 12 08.18

DPW 38.04 71 eP 09 53.46 0.1

e 10 08.29

YONJ 38.08 264 eP 09 54.50 0.8

CN2 38.09 282 eP 09 53.00 -0.7

1.2s 43.00nm 5.1mb

Z 22s 14.00um 5.7MsZ

N 15s 4.52um

E 15s 3.56um

epP 09 58.80 20kmX

PP 11 23.00

PcP 12 08.00

eS 15 44.00

FHC 38.14 84 eP 09 55.89 1.7

0.8s 62.95nm 5.4mb

BOD 38.43 307 iPc 09 55.60 -0.8

0.8s 41.00nm 5.2mb

TKSJ 38.49 262 eP 09 58.50 1.3

NEW 38.50 70 iPd 09 57.29 0.1

0.7s 273.20nm 6.1mb

HIA 38.85 292 iPc 09 59.96 -0.1

ec 10 01.69

ed 10 05.58

ed 10 06.99

SHK 38.99 264 eP 10 02.00 0.6

LBFM 39.14 82 eP 10 02.33 -0.5

WDC 39.17 83 eP 10 03.56 0.8

0.9s 36.34nm 5.1mb

Z 20s 4.22um 5.3MsZ

SHNJ 40.24 265 P 10 13.00 1.3

SNY 40.32 280 iPc 10 12.00 0.6

1.2s 53.00nm 5.1mb

Z 22s 13.70um 5.8MsZ

E 18s 7.86um

pP 10 24.00 40kmX

NTYM	40.37	86	eP	10 14.29	1.6	Z	18s	7.84um	5.7Msz					PP	14	20.00								
ORV	40.41	84	eP	10 12.86	-0.2	N	14s	2.38um						eS	20	00.00								
			ePcP	12 15.71		E	18s	3.64um						ScS	22	00.00								
SES	41.02	64	eP	10 17.00	-1.0			sP	11 26.00					SS	23	40.00								
	1.0s		362.00nm		6.1mb			S	18 09.00		GTA	56.13	292 iPc	12 15.00	-0.2									
			pP	10 28.00	39kmX	MOY	48.02	304 eP	11 14.10 0.0			2.0s	830.00nm		6.4mb									
CIT	41.09	299	eP	10 19.00	0.5	HHC	48.25	287 P	11 16.80 0.6			Z	20s	20.80um		6.2Msz								
KUMJ	41.47	264	eP	10 22.90	1.1		1.0s	74.00nm	5.7mb			E	15s	15.50um										
ARN	41.71	87	eP	10 23.35	-0.5	Z	20s	18.70um	6.1Msz					pP	12	29.00	51kmX							
			ePcP	12 19.92		N	21s	8.63um						P	14	18.00								
CMB	42.02	85	eP	10 26.63	0.3	E	20s	11.30um						S	20	00.00								
	0.5s		16.80nm		5.0mb			sP	11 34.00		ENH	56.41	278 iPc	12 15.55	-1.6									
Z	20s		6.39um		5.5Msz			PP	13 09.00				ic	12	17.20									
			ePcP	12 21.02		RSSD	48.39	68 ePc	11 16.73 -0.7					ec	12	18.69								
KAGJ	42.34	262	P	10 30.50	1.5		0.6s	37.37nm	5.6mb					epPd	12	20.43	16kmX							
LRM	42.49	70	ePc	10 30.00	-0.3	Z	21s	3.93um	5.4Msz					ed	12	21.76								
KVN	42.84	82	eP	10 33.53	0.3	SSE	48.50	270 iPc	11 18.25 0.2			UKR	56.56	311 iPc	12 17.70	-0.3								
MEMM	43.15	84 (P)		10 35.73	0.3		1.0s	72.00nm	5.7mb				1.4s	106.00nm		5.7mb								
DLZ	43.22	278	eP	10 36.00	-0.1	Z	20s	5.10um	5.5Msz			Z	18s	13.00um		6.1Msz								
	1.0s		83.00nm		5.4mb	N	14s	1.70um				N	18s	14.00um										
Z	19s		4.29um		5.4Msz	E	14s	1.10um					e	13 13.00										
N	16s		7.66um					ic	11 19.91				e	22 06.00										
			S	17 00.00				epP	11 22.97 16kmX		JAO	56.93	44 eP	12 19.00	-1.7									
PHAM	43.37	88	eP	10 38.15	0.8			ed	11 24.54		JFWS	56.98	61 iPc	12 19.61	-1.5									
			ePcP	12 26.49		GLA	48.67	86 eP	11 18.94 -0.6				0.9s	250.41nm		6.2mb								
BONR	43.37	84	ePc	10 38.24	0.5	PV10	48.86	77 ePd	11 21.79 0.6			Z	18s	9.43um		5.9Msz								
PKEM	43.41	87	eP	10 37.08	-0.6	NJ2	49.33	273 Pc	11 23.80 -0.6					ec	12	20.86								
HHA1	43.91	74	eP	10 42.83	1.1		N	17s	4.69um					ec	12	21.85								
TNP	43.97	83	ePd	10 42.90	0.4		E	16s	2.73um					ed	12	23.26								
	0.5s		22.96nm		5.3mb	BTO	49.33	287 iPd	11 25.00 0.5					epPd	12	24.66	17kmX							
BCH	43.98	88	eP	10 42.75	0.3		1.2s	230.00nm	6.1mb					S	20	22.32								
PTI	44.15	74	ePc	10 44.02	1.0		N	20s	11.80um					eP	12	27.50	0.7							
NR1	44.68	330	iPc	10 46.70	-0.8		E	20s	9.29um					iP	12	27.80	-0.3							
	1.7s		216.00nm		5.8mb			sP	11 39.00		CVP	57.76	258 eP	12 27.50	0.7									
Z	17s		23.00um		6.2MszX			sS	18 47.00		FNO	57.96	72 iPd	12 27.80	-0.3									
N	16s		6.90um					SS	21 57.00		KEV	58.06	350 iP	12 27.20	-1.1									
			e	12 29.00					18 47.00			0.8s	29.30nm		5.4mb									
			e	20 38.00		ULM	49.40	57 ePd	11 26.90 2.1				e	20 40.00										
			eSS	21 31.00		TIY	49.65	283 iPd	11 28.00 1.0				e	22 15.00										
ISA	44.69	86	eP	10 47.55	-0.6		1.8s	400.00nm	6.1mb			Z	18s	5.06um		5.7Msz								
	1.1s		44.75nm		5.3mb		Z	21s	8.42um	5.7Msz				e	20 46.00									
Z	18s		7.76um		5.7Msz		N	15s	4.25um					e	22 15.00									
			S	17 24.27			E	18s	5.12um					LR	32	58.00								
			SS	20 54.59				PP	13 26.00					e(P)	12	28.90	-2.7							
ABL	44.74	88	eP	10 48.93	0.2	KBS	50.09	358 eP	11 29.80 0.1			LNO	58.48	71 eP	12 29.50	-0.9								
TPNV	45.28	83	eP	10 53.66	0.7	GOL	50.27	73 ePd	11 32.21 0.3			RLO	58.77	70 eP	12 32.20	-1.5								
	0.8s		95.83nm		5.8mb		0.8s	150.37nm	6.0mb			VVO	58.91	71 eP	12 34.00	-0.7								
Z	16s		5.23um		5.5MszX		Z	18s	7.49um	5.7Msz		TRO	58.92	353 eP	12 33.04	-1.3								
DUG	45.43	77	ePc	10 54.22	0.1			S	18 47.85		SEM	59.03	313 iPc+	12 33.90	-1.5									
	0.6s		32.12nm		5.4mb			iPd	11 40.30 -1.6			1.8s	75.00nm		5.5mb									
FCC	45.77	46	eP	10 58.50	2.2	DAG	51.70	6 iPd	11 40.30 -1.6			Z	18s	9.00um		5.9Msz								
BW06	45.90	72	iPc	10 57.50	-0.4		0.9s	17.65nm	5.0mb			N	16s	3.00um										
	1.0s		193.33nm		6.0mb	Z	19s	10.69um	5.9Msz			E	16s	3.00um										
BJ1	45.92	283	ePc	10 57.83	0.1		N	19s	8.33um					e	12 51.00									
	1.5s		140.00nm		5.7mb	TUC	51.71	84 eP	11 41.88 -0.8					i	13 23.90									
Z	20s		8.73um		5.7Msz		0.9s	30.73nm	5.2mb					e	14 42.00									
E	16s		6.60um			Z	18s	4.38um	5.5Msz					(S)	20 45.00									
			ec	10 59.07				S	19 06.52					(PS)	20 59.00									
			epPd	11 01.97 14kmX		ALQ	52.65	79 eP	11 49.52 -0.5					e	22 21.00									
			ed	11 03.71			1.2s	36.26nm	5.2mb															
			ePP	12 48.00		Z	19s	6.35um	5.7Msz															
			eS	17 46.00				S	19 26.68															
			eScS	20 50.00		WHN	53.18	275 iPc	11 53.00 -0.6															
			eSS	20 56.00			1.0s	97.00nm	5.7mb															
IRK	45.97	303	eP+	10 54.00	-4.0X		Z	24s	5.41um	5.5MszX														
	2.0s		78.00nm		5.3mb		N	18s	2.70um															
Z	19s		8.62um		5.7Msz		E	20s	5.74um															
N	18s		2.26um					pP	12 07.00 52kmX															
E	20s		7.52um					S	19 20.00															
			e	12 39.00		XAN	54.20	282 Pc	12 00.00 -1.2															
			e	17 32.00			1.1s	64.00nm	5.6mb															
GSC	45.97	85	ePd	10 58.04	-0.3		Z	18s	8.26um	5.8Msz														
SSK	46.11	87	eP	11 00.07	0.5		N	16s	3.40um															
DAU	46.26	76	eP	11 00.76	-0.1		E	16s	7.38um															
ARUT	46.51	80	eP	11 01.88	-0.8			S	14 00.00															
PEC	46.65	87	eP	11 03.52	-0.1			PP	19 36.00															
	0.6s		5.14nm		4.7mb X	QZH	54.43	266 eP	12 00.00 -2.9															
MSU	46.85	79	ePc	11 05.08	-0.3		Z	22s	2.84um	5.3Msz														
EMUT	46.89	77	ePc	11 05.21	-0.5		N	18s	2.26um															
PLM	47.20	88	eP	11 08.25	0.1			S	19 40.00															
SRU	47.50	77	eP	11 09.97	-0.5	LZH	55.94	287 ePc	12 14.22 0.3															
ZAK	47.52	302	iPc+	11 10.50	0.3		1.8s	400.00nm	6.1mb															
	1.5s		345.00nm		6.2mb		Z	19s	12.00um	6.0Msz														
			e	13 04.00			N	15s	5.34um															
			eS	18 10.00				ec	12 15.62															
TIA	47.70	278	Pc	11 11.70	-0.1			ec	12 17.28															
								epP	12 19.18 16kmX															

			iPPP	18	10.00	
			eS	23	00.00	
			eSSS	30	34.00	
LOE	70.58	274	iPc	13	49.30	-1.4
TPT	70.98	149	eP	13	57.00	4.1X
	1.0s		60.00nm			5.7mb
CHG	71.27	277	ePc	13	54.00	-0.9
	1.3s		76.44nm			5.7mb
OXX	71.45	86	(P)	13	57.00	0.8
BDT	72.41	276	eP	13	59.80	-1.8
	1.2s		63.20nm			5.6mb
GUN	72.42	293	Pc	14	02.32	0.3
EDU	72.62	3	eP	14	01.50	-0.7
MUD	72.62	356	iPd	14	02.60	0.4
	1.1s		78.00nm			5.7mb
ELO	72.67	3	ePc	14	01.70	-0.9
KKN	72.86	293	Pc	14	04.60	0.2
NST	72.88	274	eP	14	05.40	1.0
EBH	72.90	3	ePc	14	03.20	-0.7
	1.0s		169.00nm			6.1mb
EAB	72.93	4	ePc	14	03.90	-0.2
PKI	72.95	293	Pc	14	05.00	-0.1
	1.4s		992.00nm			6.7mb
GKN	73.07	294	Pc	14	05.64	0.0
	1.4s		1264.00nm			6.8mb
DMN	73.10	293	Pc	14	06.02	0.1
	1.4s		1099.00nm			6.7mb
MNK	73.18	345	eP	14	01.00	-4.5X
	1.1s		250.00nm			6.2mb
			e	16	44.00	
COP	73.21	354	iPc+	14	05.50	-0.2
	0.8s		68.66nm			5.8mb
Z	18s		1.44um			5.3Msz
			eS	23	34.00	
EDI	73.23	3	eP	14	05.90	0.1
ESY	73.26	3	eP	14	04.20	-1.8
	0.9s		99.00nm			5.9mb
EAU	73.30	3	ePc	14	06.10	-0.2
EBL	73.39	3	ePc	14	06.40	-0.4
	1.3s		95.00nm			5.7mb
BSD	73.59	352	iPc	14	06.90	-1.0
	0.7s		22.00nm			5.3mb
EKA	73.83	3	Pc	14	09.00	-0.3
	1.2s		199.10nm			6.0mb
ESK	73.84	3	ePd	14	09.00	-0.4
	1.0s		160.00nm			6.0mb
DZM	74.15	195	iPc	14	12.10	0.5
XDE	74.64	3	ePc	14	13.60	-0.5
GIM	74.82	4	ePc	14	14.70	-0.4
DMU	75.08	5	iPc	14	16.40	-0.2
	1.2s		510.00nm			6.4mb
NNT	75.47	272	iPc	14	19.70	0.3
DCN	75.61	6	iPc	14	19.50	-0.1
	1.2s		510.00nm			6.5mb
DLF	75.71	5	iPc	14	20.20	0.0
	1.1s		1160.00nm			6.9mb
WME	75.72	4	ePc	14	18.70	-1.5
	1.0s		132.00nm			5.9mb
ETA	76.32	5	eP	14	23.80	0.2
	1.2s		731.00nm			6.6mb
WIT	76.36	357	eP	14	25.00	1.2
BRNL	76.38	353	eP	14	23.50	-0.5
BRN	76.40	353	ePc	14	25.00	0.9
ECB	76.62	6	iPc	14	25.20	-0.1
	1.2s		374.00nm			6.3mb
NDI	76.74	299	iP	14	26.00	-0.4
			eS	24	20.00	
VAL	76.79	8	iP	14	26.60	0.3
	1.4s		3.00nm			4.2mb X
ECP	76.83	5	eP	14	26.50	0.0
	1.2s		612.00nm			6.5mb
DBN	77.12	358	eP	14	29.00	1.0
Z	20s		2.50um			5.5Msz
			eS	24	24.00	
			ePS	25	00.00	
			eSS	29		

Z	1.0s	7.50nm	4.7mb X	VRAC	79.17	350	iPc	25	04.00	KBA	81.69	352	iPc	14	53.80	0.7							
	18s	6.87um	6.0Msz		1.2s	262.80nm	6.1mb	14	39.60		0.8s	236.00nm	6.3mb										
	i(PcP)	14	37.20		GRF	79.26	354	iPc	14		40.40	1.3s	30.00nm	5.2mb									
	iS	24	21.00		1.1s	232.00nm	6.1mb				eS	25	12.00										
KSP		iSKS	24	51.00	MAIO	22s	2.00um	5.4Msz	Z	ISR	81.79	343	eP	14	57.00	3.5X							
	e(PS)	29	00.00	79.39		316	iPc	14		41.00	LOMF	81.82	357	P	14	53.78	0.2						
	ePc	14	30.50	WLF		79.53	357	P		14	43.00	LOR	81.98	359	iPc	14	54.40	0.1					
	1.2s	71.00nm	5.6mb	KIS		79.54	342	iPc+		14	42.00	1.2s	227.30nm	6.1mb									
BRG		id	14	31.50	1.5s	1400.00nm	6.7mb	Z	19s	2.75um	5.6Msz												
	77.88	352	iPc	14		32.00	eS		24	40.00	OGA	82.08	354	iPc	14	55.70	0.6						
	1.1s	120.00nm	5.9mb	e		25	04.00		1.1s	50.00nm	5.5mb												
	e	17	16.60	ePS		25	32.00		TIM	82.10	347	iPd	14	58.00	3.0X								
OJC	77.90	348	iPd	14	32.10	KHC	79.64	352	iPc	14	42.40	0.4	WB2	82.18	225	eP	14	54.70	-0.9				
	0.9s	108.00nm	5.9mb	1.1s	73.30nm	5.6mb			0.8s	22.30nm	5.3mb												
	Z	18s	4.30um	5.8Msz	Z	18s	3.80um	5.8Msz	WRA	82.18	225	P		14	54.80	-0.8							
	e	25	09.00	N	18s	2.10um			0.7s	8.20nm	4.9mb												
BNS	78.20	357	iPc	14	34.40	E	18s	2.50um	e	15	22.00	SSF	82.19	359	iPc	14	55.70	0.3					
	Z	17s	29.20um	6.7MszX	e	16	08.50	1.1s	198.30nm	6.1mb													
	78.23	349	eP	14	34.00	e	16	08.50	GZR	82.20	345		iPd	14	56.00	0.4							
	Z	20s	6.00um	5.9Msz	WET	79.68	353	iPc	14	42.50	LLS		82.20	355	ePc	14	56.18	0.4					
MOX	78.28	354	iP	14	34.50	Z	15s	2.00um	5.6MszX	LBF	82.26	359	iPc	14	55.70	-0.1							
	1.5s	159.00nm	5.9mb	BAK	79.73	325	iPc	14	46.00		3.5X	1.2s	120.20nm	5.9mb									
	Z	22s	1.80um	5.4Msz	Z	16s	22.68um	6.6MszX	BRS		82.32	206	iP	14	55.00	-1.2							
	N	19s	1.70um		iS	24	52.00	eS	15		10.00	25	09.00										
KAT		eS	24	38.00	BMR	79.87	345	ePc	14	46.00	2.8	OSS	82.32	354	iPc	14	56.79	0.4					
	Z	16s	8.40um	6.2MszX		GEC2	79.91	352	Pc	14	43.20		-0.4	AVF	82.46	359	iPc	14	57.00	0.2			
	N	17s	8.50um			0.8s	26.48nm	5.3mb	1.1s	179.25nm	6.1mb												
	E	15s	15.00um			SHE	79.96	326	iPd+	14	45.00		1.2	VDL	82.56	355	ePc	14	58.31	0.7			
ENN		e	14	38.00	PTT	80.09	343	eP	14	42.00	-2.4	SMF	82.60	359	iPc	14	57.70	0.1					
		ePPP	19	30.00		SOC	80.15	333	eP	14	44.00		-0.7	1.1s	273.50nm	6.3mb							
		eS	24	50.00		2.0s	180.00nm	5.7mb	LJU	82.61	351		eP	14	57.00	-0.7							
		i	25	08.00		Z	18s	7.00um	6.1Msz	MFF	82.64		1	iPc	14	58.10	0.3						
UCC	78.43	357	iPc	14	35.50	0.2	Z	18s	7.00um	6.1Msz	DRA	82.65	344	ePd	15	00.00	2.1						
	0.8s	179.00nm	6.2mb	N	18s	3.50um				82.65		210	iPd	14	58.60	0.7							
		e	15	16.00	E	16s		0.50um	e	17		52.00	1.2s	118.00nm	5.9mb								
		eS	24	50.00				eS	24	52.00		VOY	82.68	352	ePc	14	57.20	-1.0					
ASH	78.44	358	P+	14	34.00	-1.3	LANF	80.15	356	P	14	44.93	0.2	ZAG	82.69	350	iPc	14	58.60	0.6			
	78.50	318	eP	14	36.00	0.1		HOFF	80.18	356	P	14	45.18		0.3	BGF	82.70	359	iPc	14	58.20	0.1	
	1.5s	240.00nm	6.0mb	ZST	80.22	350		P	14	45.90	0.8	1.1s	127.95nm		6.0mb								
	GRO	78.54	329	iPc+	14	37.00		0.9	MTA	80.31	329	iPc+	14		46.00	0.4	CTI	82.85	353	P	14	58.50	-0.5
MEM		e	17	33.00	1.0s	640.00nm	6.6mb	eS	24	51.00	VVI	82.86	353	P	14	58.60	-0.4						
		ePPP	19	28.00		eS	25		00.00	CEY		82.92	351	ePc	14	59.00	-0.3						
		eS	24	40.00		SIM	80.35		337	eP		14	46.00	0.2	TCF	82.97	360	iPc	14	59.60	0.1		
	78.59	357	iPc	14		36.19	0.0		Z	20s		7.00um	6.0Msz	0.8s	59.10nm	5.8mb							
HOF	78.59	354	iPc	14	36.00	-0.3	SRO	80.45	349	iP	14	46.40	0.1	TMA	82.97	355	iPc	14	59.91	0.2			
	1.2s	69.00nm	5.6mb	FLN	80.47	2		iPc	14	46.20	-0.2	LSF	83.01		0	iPc	14	59.90	0.2				
	PRU	78.70	352	Pc	14	36.50		-0.4	1.1s	270.55nm	6.2mb	0.8s	99.95nm		6.0mb								
	1.2s	49.40nm	5.4mb	Z	19s	2.50um		5.6Msz	TRI	83.02	352	eP	14		59.20	-0.5							
SNF		e	15	14.50	STR	80.56	356	P	14	47.40	0.6	MAF	83.04	360	iPc	15	00.30	0.4					
		e	25	30.00		LDF	80.65	1	iPc	14	47.00		-0.3	0.8s	85.95nm	6.0mb							
	78.72	359	iPc	14		36.95	0.0	0.7s	175.50nm	6.2mb	TAB		83.06	326	iP+	15	02.00	1.7					
	PYA	78.75	331	iPc+		14	37.00	-0.3	KMR	80.65	352		iP+	14	47.60	0.2	DIX	83.07	356	iPc	15	01.27	0.9
KIV	1.3s	750.00nm	6.6mb	WLS	80.74	356	P	14	47.82	-0.1	MMK	83.07	356	iPc	15	01.28	0.9						
	Z	20s	6.00um		5.9Msz	CDF	80.74	356	P	14		47.91	-0.1	VBY	83.07	351	ePc	15	00.00	0.0			
	N	20s	2.50um			FUR	80.77	354	iPc	14		48.20	0.1	EMS	83.10	357	ePc	15	01.15	0.7			
	E	20s	5.00um			1.3s	115.00nm	5.7mb	VAI	83.22		355	P	15	00.70	0.0							
SPC		i	14	52.00	IPM	80.79	266	ePc	14	48.50	-0.1	MDI	83.25	355	P	15	00.50	-0.4					
		e	17	40.00		1.0s	43.60nm	5.4mb	RIY	83.32	351		iPc	15	00.70	-0.6							
		ePPP	19	22.00		BST	80.82	4	P	14	48.46		0.2	SAL	83.37	354	P	15	01.60	0.1			
		eS	24	34.00		GRR	80.84	2	iPc	14	48.30		0.0	KVT	83.48	335	iP	15	09.00	6.7X			
TNS		ePS	25	14.00	0.8s	195.60nm	6.2mb	RSL	83.49	357	P	15	02.93	0.5	ORO	83.50	356	P	15	02.40	0.1		
		ePPS	25	42.00		ECH	80.94		357	P	14	48.84	-0.1	AKKT		83.50	334	eP	15	04.00	1.5		
	78.86	348	iPc	14		38.30	0.3		VITF	80.98	357	P	14	49.26		0.1	LPL	83.66	357	iPc	15	00.43	-2.9
	1.4s	90.00nm	5.6mb	LIBD		80.99	356		P	14	49.19	0.1	0.9s	21.45nm		5.4mb							
CME	78.88	356	iPc	14	30.00	-7.9X	BHG	81.09	353	iPc	14	50.00	0.3	LSD	83.70	356	P	15	04.72	1.1			
	78.89	5	ePc	14	37.70	-0.2	1.5s	124.00nm	5.7mb	COLF	83.73	359	P		15	03.99	0.5						
	KIV	78.94	331	iPc	14	38.67	0.3	HAU	81.18	357	iPc	14	50.10		-0.1	KAS	83.80	337	iPc	15	05.30	1.4	
		ec	14	40.24	1.1s	134.80nm	5.9mb	Z	19s	2.38um	5.6Msz	KART	83.86		336	eP	15	06.10	1.7				
KUPT		ed	14	42.64	LPF	81.19	2	iPc	14	50.40	0.2	RJF	83.95	0	iPc	15	04.70	0.2					
		e	14	43.80		1.2s	346.30nm	6.3mb	1.3s	298.95nm	6.4mb												
		e	14	47.28		FEL	81.25	356	P	14	50.38		-0.3	Z	18s	1.67um	5.5Msz						
	79.09	239	eP	14		42.00	2.6	MOF	81.31	357	P		14	50.63	-0.3	SSB	83.95	358	P	15	04.97	0.4	
UZH	79.11	346	eP	14	39.00	-0.1	KGM	81.33	262	ePd	14	51.00	-0.4	RSP	84.00	356	P	15	05.03	0.1			
	1.0s	240.00nm	6.2mb	SLE	81.33	356	iPc	14	50.79	-0.2	BNI	84.12	357	P	15	06.90	1.3						
		e	14	46.70	BSF	81.34	357	P	14	50.97	-0.2	TRHT	84.13	334	iP	15	07.10	1.4					
		ePPP	19	28.00	UZD	81.62	349	eP	14	52.60	0.1	CTK	84.17	336	eP	15	07.80	1.9					
DOU		eS	24	44.00	ZLA	81.62	356	ePc	14	52.72	0.2	QLP	84.23	213	eP	15	06.00	0.0					
		ePS	25	42.00		WTTA	81.64	353	iPc	14	53.20		0.4	0.6s	37.00nm	5.8mb							
	79.14	358	Pc	14		39.30	0.1	1.2s	222.00nm	6.1mb	RRL		84.25	357	P	15	07.69	1.3					
	1.0s	300.00nm	6.3mb	BBS		81.68	356	P	14	53.01	0.2		BOB	84.27	355	P	15	07.20	0.9				

01d 05h

BHB	84.31	356 P	15 04.00	-2.4	GRBF	86.42	0 P	15 17.59	0.6	PAG	93.19	60 eP	15 48.00	-1.2	
LFF	84.31	1 iPc	15 06.90	0.6	MAO	86.50	353 P	15 17.10	-0.2	SAGI	94.04	332 iPd	15 53.10	0.2	
	1.2s	504.60nm	6.6mb		PGF	86.51	355 P	15 17.45	0.0	SLB	95.34	60 eP	15 59.93	0.8	
CAF	84.33	360 iPc	15 07.10	0.6	ERUA	86.52	7 iPc	15 17.29	-0.2	SOA	95.66	61 eP	16 01.00	0.6	
	1.3s	317.70nm	6.4mb		SOH	86.55	344 eP	15 17.56	-0.1	SVV	95.67	61 eP	16 01.74	1.2	
DVR	84.43	338 eP	15 07.40	0.3	ECRI	86.57	3 iPd	15 18.22	0.5	SVB	95.68	61 eP	16 02.58	2.0	
SVST	84.46	334 eP	15 08.60	1.3	GRG	86.58	345 eP	15 18.20	0.4	ZOBO	114.97	85 PKP	21 16.60	-0.3	
PCP	84.55	355 P	15 07.18	-0.4	POO	86.62	295 iPc	15 21.50	3.2X			LR	59 24.00		
LPO	84.57	1 iPc	15 08.00	0.4	OHR	86.69	346 iP	15 17.80	-0.5	LPB	115.17	85 ePKP	21 18.00	1.0	
	1.2s	423.65nm	6.5mb			2.1s	441.00nm	6.3mb		Z	20s	2.84um	5.9msz		
DOI	84.65	356 P	15 07.60	-0.5	AZI	86.73	351 P	15 18.90	0.5			LR	00 10.00		
PZZ	84.65	356 P	15 07.59	-0.7	FG2	86.74	350 P	15 19.11	0.6	CNCB	115.45	85 PKP	21 19.20	1.5	
CKI	84.68	355 P	15 07.90	-0.3		1.2s	1336.10nm	7.0mb X		SIV	119.15	79 PKP	21 22.80	-1.3	
PLE	84.72	347 iPc	15 09.68	1.1	FG3	86.76	350 P	15 18.79	0.1			i	22 42.00		
MME	84.77	354 P	15 09.97	1.0		0.9s	133.10nm	6.2mb		TIC	122.15	8 PKP	21 29.40	-0.5	
	1.2s	398.90nm	6.5mb		FNA	86.92	345 eP	15 19.12	-0.3	KIC	122.45	8 PKP	21 30.10	-0.3	
HYB	84.78	291 eP	15 08.90	-0.2	ETER	86.95	359 eP	15 20.75	1.3	LIC	122.56	8 PKP	21 30.10	-0.5	
	1.0s	90.00nm	6.0mb		DUI	86.96	351 P	15 20.40	0.7	LWI	126.32	326 iPKPd	21 38.50	0.2	
		eS	25 36.50		RDP	87.03	352 P	15 20.10	0.1	BAO	126.75	67 PKPc	21 38.00	-0.9	
ROB	84.83	356 P	15 08.51	-0.5	EGRA	87.04	2 iPd	15 20.63	0.8			e	21 45.00		
FIN	84.90	356 P	15 08.62	-0.7	KZN	87.32	345 eP	15 21.00	-0.4			e	21 52.70		
RSM	84.90	352 P	15 10.60	1.4	RFI	87.36	351 P	15 22.45	1.0			e	22 15.60		
STV	84.90	356 P	15 08.31	-1.1		1.5s	706.40nm	6.7mb				e	23 32.50		
ENR	84.92	356 P	15 07.79	-1.7	FG4	87.37	350 P	15 21.43	-0.1			e	23 39.60		
SFI	84.95	353 P	15 10.80	1.3	LIT	87.40	344 eP	15 20.68	-1.1			e	23 51.80		
SGKT	84.98	337 eP	15 10.60	0.6	BRT	87.42	349 P	15 22.43	0.6			e	25 11.60		
PGD	85.01	353 P	15 11.35	1.3		1.3s	327.80nm	6.4mb		PDCR	129.12	56 ePKP	21 41.50	-1.7	
	1.2s	618.40nm	6.7mb		PRK	87.53	341 eP	15 22.00	-0.3			e	21 51.60		
PPI	85.08	263 eP	15 11.00	0.5	SGO	87.96	350 P	15 24.60	0.3	PPD	129.71	75 ePKP	21 43.80	-0.4	
IYA	85.10	347 iPc	15 10.96	0.5	SHI	88.09	318 eP	15 26.00	0.6	SPA	140.93	180 ePKP	22 04.00	0.0	
TOUF	85.14	356 P	15 11.23	0.5	KEK	88.21	346 eP	15 24.50	-1.1			0.9s	3.09nm		
FIR	85.14	353 eP	15 12.00	1.5	CMS	88.22	210 eP	15 27.20	1.8			Z	18s	12.66um	6.7msz
		iS	25 34.00			0.8s	10.00nm	5.2mb				i	23 21.30		
AUTN	85.15	356 P	15 11.23	0.4	IGT	88.31	346 eP	15 25.84	-0.2	BUL	142.67	316 iPKPd	22 03.50	-5.0X	
SAOF	85.15	356 P	15 10.73	0.1	MGR	88.35	350 P	15 25.70	-0.6			ipPKP	22 09.80		
IMI	85.21	356 P	15 10.67	-0.3	ETOR	88.37	3 iPc	15 26.05	-0.4	AIA	144.20	139 ePKP	22 08.30	-1.2	
CRE	85.23	353 P	15 11.40	0.3	EROO	88.42	1 iPd	15 26.57	0.0	MAW	146.59	217 ePKP	22 14.00	0.5	
HVAR	85.24	349 iPc	15 10.10	-0.9	EBR	88.43	1 eP	15 27.00	0.4			1.0s	107.00nm		
PII	85.25	354 P	15 10.60	-0.4	GBA	88.43	290 P	15 27.00	0.0	CRZF	147.33	258 e(PKP)	22 24.00	8.7X	
BRY	85.26	348 iPc	15 11.20	-0.1	GUD	88.46	5 iPc	15 26.57	-0.4			e(PPP)	25 56.00		
MVIF	85.26	356 P	15 11.71	0.4	AGG	88.48	344 eP	15 25.84	-1.1			e(SS)	40 13.00		
AURF	85.26	356 P	15 11.23	0.0	TDS	88.73	349 P	15 28.30	0.2	SLR	147.67	312 iPKPc+22	16.10	-0.6	
SBF	85.28	356 P	15 11.60	0.3	EPLA	88.92	6 iPc	15 28.79	-0.3			1.2s	179.69nm		
ARV	85.28	352 P	15 12.00	0.7	TOL	89.22	5 iPc	15 30.20	-0.3			Z	18s	3.09um	6.1msz
NKY	85.28	348 iPc	15 11.23	-0.2		1.3s	500.00nm	6.6mb		WIN	149.17	332 iPKPc	22 25.20	5.9X	
PVY	85.36	347 iPc	15 12.00	0.2			ePP	18 40.00				0.9s	50.42nm		
REVF	85.40	356 P	15 12.31	0.4			eS	26 03.00				Z	18s	3.64um	6.2msz
CALN	85.41	356 P	15 11.94	-0.1	ESEL	89.48	359 iPd	15 31.96	0.3	BLF	151.50	311 iPKPc	22 29.00	6.5X	
EMON	85.47	7 iPd	15 12.50	0.3	GRI	89.55	349 P	15 31.75	-0.3			0.8s	62.50nm		
ARMA	85.50	206 iPc	15 13.90	1.5	VLS	89.59	345 eP	15 31.90	-0.3	KIM	151.85	314 iPKPd	22 28.00	5.0X	
	0.9s	49.00nm	5.7mb		ECHE	89.63	2 iPd	15 32.66	0.2			1.0s	90.00nm		
		i	15 27.30		CSS	89.96	335 eP	15 33.80	-0.2	POF	154.46	321 ePKP	22 36.00	9.6X	
BBTK	85.50	337 iP	15 13.00	0.5	STKA	89.99	213 iPc	15 34.10	0.3			1.0s	55.00nm		
GYN	85.51	338 eP	15 13.10	0.5			isP	15 48.30				i	22 51.50		
NAL	85.51	338 eP	15 13.50	0.9	STK	89.99	213 P	15 35.00	1.2			S.D. = 0.9 on 520 of 545 obs.			
FRF	85.61	357 iPc	15 13.10	0.2	BWA	90.17	207 eP	15 34.80	0.1			? OCT 01, 1992 05h 14m 02.70± 4.85s			
	1.2s	185.65nm	6.2mb				iP	15 41.80	22kmX			40.278 N ±37.7km	27.526 E ±25.4km		
TTG	85.62	347 iPc	15 13.01	0.1			i	15 48.80				DEPTH = 10.0km (geophysicist)			
ASPA	85.64	223 iPc	15 12.80	-0.4	GMB	90.26	349 P	15 34.61	-0.9			TURKEY	(366)		
	1.0s	40.00nm	5.6mb			0.8s	47.90nm	5.8mb				EDC	0.27 75 iPg	14 08.00 -0.3	
Z	21s	5.60um	5.9msz		BHL	90.30	333 P	15 34.00	-1.7				iSg	14 14.00	
		epP	15 26.10	45kmX			PP	19 14.00				BNT	0.31 75 iPg	14 09.30 0.1	
HCY	85.71	348 iPc	15 13.18	-0.2			SKS	26 06.00					iSg	14 15.00	
LRG	85.73	357 iPc	15 13.90	0.5	ATN	90.31	349 P	15 33.83	-1.8			MFT	0.54 340 iPg	14 13.60 -0.1	
	1.1s	134.30nm	6.1mb		SOI	90.33	349 P	15 34.30	-1.3				iSg	14 21.90	
Z	19s	3.40um	5.8msz		VLI	90.62	343 eP	15 35.20	-1.8			KCT	0.64 92 iPg	14 14.40 -1.1	
ASS	85.73	352 P	15 14.00	0.4	CNB	90.73	206 eP	15 52.00	14.7X			YLV	1.44 78 iPn	14 30.40 1.5	
SKO	85.75	346 iPc	15 14.00	0.4		0.9s	17.00nm					GBZT	1.55 70 eP	14 58.00 27.7X	
	1.2s	339.00nm	6.4mb		CAN	90.84	206 eP	15 38.30	0.6				S.D. = 1.3 on 5 of 6 obs.		
SKO	85.75	346 iP	15 31.00	17.4X			i	15 52.80				? OCT 01, 1992 05h 46m 36.02± 1.45s			
Z	17s	2.66um	5.7mszX		HRI	90.87	332 iPd	15 38.80	0.5				10.519 N ±22.8km	87.467 W ±39.9km	
		i	25 52.00		EHOR	91.20	6 iPc	15 39.20	-0.4				DEPTH = 33.0km (normol)		
BDV	85.83	348 iPc	15 13.84	-0.2	EVAL	91.33	7 iPd	15 40.22	-0.1				4.3mb (2 obs.)		
LMR	85.84	357 iPc	15 14.30	0.3	EHUE	91.35	4 iPc	15 40.25	-0.2			OFF COAST OF COSTA RICA	(77)		
	1.2s	198.75nm	6.2mb		NPS	91.51	341 eP	15 39.50	-1.6			UYO	24.39 346 e(P)	51 52.00 -0.5	
STS	85.92	8 iPd	15 14.69	0.2	ELUO	91.52	5 iPc	15 40.81	-0.4			TUL	26.38 345 eP	52 11.40 0.2	
ULC	86.08	347 iPc	15 14.96	-0.3	CPB	91.79	59 eP	15 43.92	1.3						

e 55 10.10
e 55 13.60
PPD 48.00 133 (P) 55 12.00 -2.1
YKA 55.46 345 eP 56 15.50 5.9X
0.8s 2.10nm 4.2mb
MBC 67.92 352 eP 57 33.00 -0.1
CHG 150.18 348 ePKP 06 29.00 8.3X
S.D. = 1.1 on 10 of 12 obs.

* OCT 01, 1992 06h 23m 17.66±1.09s
51.154 N ±17.9km 177.975 W ±12.1km
DEPTH = 33.0km (normal)
4.3mb (11 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 1.09 47 eP 23 37.83 1.2
S 23 53.62
SVW 15.87 42 eP 27 05.50 5.6X
0.8s 7.93nm 3.9mb
SLKM 18.05 48 eP 27 27.08 -0.2
IMA 19.38 30 eP 27 43.69 0.4
1.2s 6.26nm 3.8mb
KLU 20.35 47 (P) 27 52.24 -1.4
FBA 20.81 37 eP 27 58.50 0.3
0.7s 3.78nm 3.9mb
MBC 33.62 22 eP 29 55.00 -1.5
NEW 38.48 70 eP 30 38.20 0.2
1.0s 8.00nm 4.5mb
BW06 45.88 73 eP 31 38.29 -0.4
0.8s 2.62nm 4.2mb
PV10 48.84 77 eP 32 02.79 0.8
GOL 50.25 73 eP 32 12.10 -0.6
0.7s 0.97nm 3.9mb
LDF 80.62 1 eP 35 28.10 0.1
0.5s 4.90nm 4.6mb
GRR 80.81 2 eP 35 29.40 0.4
0.7s 5.85nm 4.7mb
LOR 81.95 359 eP 35 34.40 -0.6
0.4s 1.45nm 4.4mb
SSF 82.16 359 eP 35 36.70 0.6
0.5s 2.25nm 4.5mb
WRA 82.21 225 P 35 49.50 12.9X
0.7s 0.40nm
SMF 82.57 359 eP 35 38.80 0.6
0.4s 2.40nm 4.6mb
S.D. = 0.8 on 15 of 17 obs.

* OCT 01, 1992 06h 39m 32.94±1.04s
50.950 N ±17.3km 177.953 W ±13.1km
DEPTH = 33.0km (normal)
4.3mb (10 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 1.23 40 ePc 39 53.81 0.0
KDC 16.26 55 eP 43 15.33 -4.8X
0.4s 4.94nm 4.0mb
SPU 17.59 44 eP 43 37.97 1.1
IMA 19.55 30 (P) 43 59.39 -1.1
1.3s 8.47nm 3.9mb
KLU 20.47 47 eP 44 10.03 -0.2
NEW 38.54 69 eP 46 54.20 0.4
0.7s 5.20nm 4.4mb
BW06 45.93 72 ePc 47 54.09 -0.2
0.7s 2.63nm 4.3mb
RSSD 48.43 68 eP 48 13.35 -0.6
0.5s 1.11nm 4.1mb
JSC 68.09 62 (P) 50 31.45 0.1
GEC2 80.08 352 P 51 35.50 -5.1X
0.7s 0.64nm 3.7mb
FLN 80.64 2 eP 51 43.30 -0.1
0.3s 1.45nm 4.5mb
LDF 80.82 1 eP 51 44.40 0.1
0.4s 5.40nm 4.9mb
GRR 81.01 2 eP 51 45.50 0.2
0.6s 4.05nm 4.6mb
LPF 81.36 2 eP 51 47.50 0.3
0.4s 2.35nm 4.5mb
S.D. = 0.6 on 12 of 14 obs.

% OCT 01, 1992 07h 31m 03.47±1.59s
17.882 N ±14.0km 66.797 W ±6.1km
DEPTH = 10.0km (geophysicist)
PUERTO RICO REGION (90)

PORP 0.23 42 P 31 09.00 0.6
CLLP 0.29 47 P 31 09.70 0.2
S 31 13.14

MGP 0.30 294 P 31 10.00 0.2
S 31 15.20
LRS 0.41 354 P 31 11.40 -0.5
SJG 0.66 70 iP 31 16.10 -0.5
CPD 0.85 79 P 31 19.90 0.0
S 31 30.11
S.D. = 0.6 on 6 of 6 obs.

OCT 01, 1992 07h 47m 02.85±0.72s
20.010 S ±10.4km 133.834 E ±6.4km
DEPTH = 10.0km (geophysicist)
NORTHERN TERRITORY, AUSTRALIA (591)
ML 3.1 (QIS).

WB2 0.49 82 iPd 47 13.00 0.2
OIS 5.44 97 iPc 48 25.90 -0.2
eS 49 03.30
KNA 6.42 310 eP 48 40.70 0.9
eS 49 52.40
MTN 7.58 340 eP 48 55.70 -0.4
0.4s 18.00nm 5.6mb X
eS 50 18.00
WARB 9.03 226 eP 49 17.70 1.4
eS 50 55.00
MBL 13.16 263 eP 50 12.00 -0.5
eS 52 28.00
MRWA 18.61 237 eP 51 21.00 -1.4
S.D. = 1.1 on 7 of 7 obs.

OCT 01, 1992 08h 18m 51.77±0.19s
39.035 S ±4.4km 74.911 W ±5.0km
DEPTH = 28.4km (25 depth phases)
5.6mb (22 obs.) 5.0Msz (11 obs.)
OFF COAST OF CENTRAL CHILE (134)
Mo=1.6+10+18 Nm (PPT).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 47C
Centroid Location:
Origin Time 08:18:52.2 0.4
Lat 39.04S FIX; Lon 74.96W FIX
Dep 15.0 FIX Half-duration 1.6
Moment Tensor: Scale 10+17 Nm
Mrr=-1.47 0.08 Mtt=-0.38 0.13
Mff= 1.85 0.11 Mrt=-0.57 0.17
Mrf= 0.61 0.15 Mtf= 0.43 0.09
Principal Axes:
T Vol= 2.00 Plg= 9 Azm=278
N -0.14 25 184
P -1.86 63 26
Best Double Couple: Mo=1.9+10+17
NP1: Strike= 35 Dip=42 Slip= -51
NP2: 167 58 -120

IHA 6.55 25 eP 20 26.70 -2.1
e(S) 21 39.00
MDZ 7.86 41 P 20 53.40 6.3X
e 21 00.80
(PPP) 21 29.20
e 22 39.00
(S) 23 13.80
LR 24 19.80
RTCV 8.84 38 ePc 20 58.50 -2.3
RTC8 9.04 35 iPd 21 03.50 0.1
CFA 9.20 38 ePd 21 03.80 -1.8
RTLL 9.32 36 iPd 21 05.50 -1.8
MRA 9.98 51 ePc 21 15.60 -0.7
LPA 14.18 78 eP+ 22 13.00 0.3
ANT 15.75 15 eP 22 33.00 -0.3
YJA 18.64 28 ePd 23 11.60 1.7
IT81 22.51 56 e(P) 23 55.20 4.9X
ARE 22.69 9 eP 23 55.00 2.4
CCH 22.89 22 eP 23 56.00 1.4
CNCB 22.96 17 P 24 00.00 4.5X
LPB 23.20 17 iPd 24 01.80 4.1X
LR 28 28.00
ZOBO 23.43 17 P 24 01.00 0.9
Z 16s 1.16um 4.4MszX
LR 28 36.00
SIV 25.97 32 P 24 24.40 0.7
RSTA 26.13 64 eP 24 41.10 15.9X
e 24 43.00 7kmX
e 24 50.10
PPD 26.35 57 eP 24 28.70 1.5
e 24 34.60 21km
VAO 28.64 64 eP 24 50.80 2.7
e 24 54.80 14kmX

RDJ 31.38 68 eP 25 10.80
BAO 33.17 53 Pc 25 19.00 6.7X
e 25 29.00 0.8
e 25 35.60 23km
e 25 37.20
e 25 52.00
e 26 02.60
e 26 11.00
e 26 33.00
e 26 50.30
e 26 58.40
e 27 02.00
e 27 11.80
e 27 15.50
e 27 33.00
e 27 48.00
e 27 53.00
BDF 33.20 53 Pc 25 28.00 -0.5
e 25 36.00 27km
e 25 49.10
e 25 53.80
e 26 07.20
e 26 13.50
e 26 33.10
e 26 36.00
e 26 49.00
PDCR 41.22 60 iPd 26 47.90 12.0X
e 26 54.90 24km
SDV 47.84 6 iPd 27 28.60 -0.6
TOV 48.80 7 eP 27 36.30 -0.1
CAR 49.84 10 iP 27 44.00 -0.5
SPA 51.15 180 iPd 27 53.20 -0.9
1.0s 11.33nm 4.8mb
MGP 57.21 9 P 28 37.00 -1.7
PORP 57.31 9 P 28 38.20 -1.2
CLLP 57.35 9 P 28 38.50 -1.1
SBA 57.68 193 ePd 28 40.50 -0.9
OXX 59.44 336 (P) 28 55.50 1.0
IISM 61.43 336 (P) 29 08.00 0.2
IIT 61.77 335 (P) 29 11.00 0.5
MRX 63.40 332 (P) 29 22.00 1.1
MAW 69.00 164 iPd 29 54.80 -1.3
1.1s 60.00nm 5.6mb
JSC 73.18 355 eP 30 20.32 -1.2
CEH 74.65 356 P 30 40.00 10.0X
Z 19s 0.29um 4.6Msz
CSY 74.92 182 eP 30 30.20 -1.1
0.7s 56.80nm 5.7mb
UYO 75.05 343 iPd 30 31.60 -0.8
MIAR 75.22 344 ePd 30 32.79 -0.6
1.5s 84.92nm 5.5mb
POF 75.61 116 iPc 30 37.00 1.1
1.5s 55.56nm 5.4mb
OLY 75.73 346 ePd 30 34.72 -1.5
eP 30 43.72 29km
FNO 76.79 341 iPd 30 41.30 -0.9
TUL 77.03 343 iPd 30 42.60 -0.9
0.8s 102.30nm 5.9mb
e 30 51.90 30km
ELC 77.08 348 ePd 30 42.14 -1.6
eP 30 51.41 30km
RLO 77.10 343 iPd 30 42.80 -1.1
WIN 77.64 109 iPd 30 49.30 1.7
1.3s 111.54nm 5.7mb
FVM 77.96 348 ePd 30 47.54 -1.0
1.5s 181.28nm 5.9mb
eP 30 56.50 29km
TUC 78.42 330 ePd 30 51.39 0.1
1.3s 63.10nm 5.5mb
iP 31 00.44 29km
LIC 78.54 72 P 30 53.60 1.3
TIC 78.82 72 P 30 55.20 1.3
KIC 78.84 72 Pd 30 55.20 1.2
ALO 79.18 334 iPd 30 56.17 0.5
1.2s 68.39nm 5.5mb
eP 31 05.24 29km
KIM 79.34 118 iPc 30 59.00 2.3
1.0s 50.00nm 5.5mb
LVNJ 79.46 0 eP 30 56.77 0.1
TBR 79.80 1 ePd 30 58.47 0.0
eP 31 07.83 30km
BLF 80.07 119 iPd 31 01.00 0.3
GLA 80.72 327 eP 31 03.50 -0.2
PLM 81.86 326 eP 31 09.97 0.2
PEC 82.45 326 eP 31 13.50 0.8
1.4s 38.84nm 5.3mb
JFWS 82.75 349 ePd 31 13.70 -0.3

HHC	174.70	292	PKP	38	59.40	0.1
GTA	175.89	83	PKP	39	00.00	0.4
	Z 10s		0.64um			
	E 11s		0.69um			
			pPKP	39	05.00	
BTO	175.90	294	ePKP	38	59.00	-0.5
LZH	176.90	161	ePKP	38	59.00	-1.0
			pPKP	39	10.00	
			sPKP	39	15.00	
			PKPab	40	40.00	
			PP	44	32.00	
S.D. = 1.0 on 127 of 153 obs.						
OCT	01, 1992	08h	26m	34.45±	0.46s	
51.117	N ± 9.8km		178.278	W ± 5.2km		
DEPTH = 33.0km (normal)						
4.6mb (23 obs.) 4.8MsZ (2 obs.)						
ANDREANOF ISLANDS, ALEUTIAN IS. (7)						
ADK	1.26	52	eP	26	55.87	0.1
SMY	4.98	292	(P)	27	48.55	-0.3
SDN	11.46	61	eP	29	19.30	0.7
SVW	16.03	43	eP	30	21.90	3.2X
KDC	16.34	56	eP	30	20.40	-2.2
	0.6s		11.94nm			4.2mb
TTA	16.82	37	(P)	30	30.06	1.2
	1.1s		11.67nm			3.9mb
BGL	17.50	45	eP	30	39.15	1.8
CRP	17.61	45	eP	30	39.68	1.0
SPU	17.62	45	eP	30	39.95	1.2
SLKM	18.22	48	eP	30	44.47	-1.6
PMS	18.76	46	eP	30	53.80	1.0
IMA	19.51	31	eP	31	00.68	-0.9
	1.2s		12.51nm			4.1mb
FBA	20.95	37	eP	31	14.93	-1.6
	0.8s		6.32nm			4.1mb
MBC	33.73	22	eP	33	14.00	-0.2
NEW	38.67	70	eP	33	56.29	-0.1
	0.8s		9.58nm			4.6mb
TNP	44.15	83	eP	34	42.70	1.0
	0.7s		1.44nm			3.9mb
PTI	44.32	74	eP	34	43.37	0.4
BW06	46.07	72	ePc	34	56.09	-0.9
	0.7s		5.46nm			4.6mb
SRU	47.67	77	eP	35	08.35	-1.3
RSSD	48.56	68	eP	35	15.30	-1.1
	1.4s		13.26nm			4.8mb
PV10	49.04	77	eP	35	20.79	0.5
EEO	60.45	51	eP	36	44.00	1.1
HFS	68.68	354	eP	37	34.20	-1.9
	0.5s		1.30nm			4.3mb
GUN	72.26	292	P	37	59.22	0.5
	0.4s		29.00nm			5.6mb
KKN	72.70	293	P	38	01.58	0.5
PKI	72.79	293	P	38	02.18	0.4
GKN	72.91	293	P	38	01.94	-0.4
DMN	72.94	293	P	38	03.48	0.9
FLN	80.48	1	iPc	38	43.70	-0.3
	0.7s		7.60nm			4.8mb
Z	18s		0.32um			4.7MsZ
LDF	80.66	1	iPc	38	44.50	-0.5
	0.5s		5.70nm			4.8mb
GRR	80.85	2	iPc	38	45.80	-0.2
	0.7s		7.40nm			4.8mb
KBA	81.68	352	iPc	38	50.80	0.2
	1.0s		19.00nm			5.1mb
LOR	81.98	359	iPc	38	52.00	0.1
	0.9s		6.70nm			4.7mb
Z	20s		0.43um			4.8MsZ
WRA	82.05	224	P	38	52.20	-0.4
	0.6s		0.50nm			3.7mb
LBF	82.26	358	iPc	38	53.30	-0.2
AV						

% OCT 01, 1992 08h 47m 33.02± 0.68s
 39.657 N ± 5.0km 15.349 E ± 9.5km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN ITALY (390)
 MGR 0.51 18 P 47 43.70 0.4
 TDS 0.76 90 P 47 48.90 1.0
 SGO 0.90 358 P 47 50.30 0.1
 ATN 1.50 177 P 47 59.40 -0.5
 SOI 1.68 161 P 48 02.30 -0.2
 MNO 1.80 197 P 48 05.00 0.5
 BRT 1.87 49 P 48 03.90 -1.4
 DUI 2.11 342 P 48 09.00 0.1
 S.D. = 0.9 on 8 of 8 obs.

% OCT 01, 1992 09h 12m 03.63± 1.33s
 32.780 S ± 7.3km 70.436 W ± 9.2km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.8 (SAN).

JACH 0.16 307 iPd 12 07.60 0.1
 PEL 0.42 210 iP+ 12 12.54 0.3
 ROCH 0.52 248 iPd 12 14.18 0.0
 FCH 0.56 167 iP 12 14.86 -0.4
 SAN 0.70 196 (P) 12 18.00 0.6
 PCH 0.84 184 iP 12 19.95 0.0
 TACH 0.97 206 iP 12 21.80 -0.2
 CHCH 1.16 189 iPd 12 25.13 -0.3
 LCCH 1.18 234 iPd 12 25.12 -0.5
 CACH 1.34 186 iP+ 12 28.73 0.3
 LNV 1.43 215 iP 12 29.49 -0.1
 S.D. = 0.4 on 11 of 11 obs.

& OCT 01, 1992 09h 29m 30.85s
 58.943 N 154.641 W
 DEPTH = 125.5km
 ALASKA PENINSULA (12)
 <AEIC>.

MCNL 0.29 33 iP 29 47.98 0.9
 CDD 0.52 91 iP 29 48.84 -1.0
 AUI 0.74 57 eP 29 50.30 -1.0
 AUW 0.74 54 iP 29 50.55 -0.8
 AUH 0.75 55 iP 29 50.61 -0.9
 AUP 0.76 56 eP 29 50.60 -1.0
 AUL 0.76 54 iP 29 50.68 -0.8
 AUE 0.78 57 iP 29 50.80 -0.8
 PDB 0.88 15 iP 29 51.32 -1.2
 OPT 1.02 45 iP 29 52.91 -0.9
 SYI 1.22 105 eP 29 54.64 -1.2
 INW 1.37 34 iP 29 56.14 -1.5
 INE 1.38 35 eP 29 56.32 -1.5
 KDC 1.65 136 eP 29 58.84 -1.9
 HOM 1.70 64 eP 29 59.90 -1.4
 RS1 1.80 31 eP 30 01.31 -1.4
 RS2 1.80 31 eP 30 01.30 -1.5
 RSO 1.80 31 eP 30 01.31 -1.5
 RDW 1.80 30 eP 30 01.21 -1.6
 REF 1.84 32 eP 30 01.63 -1.6
 NCT 1.84 27 eP 30 01.59 -1.6
 DFR 1.93 30 eP 30 02.66 -1.6
 RDT 1.99 34 eP 30 03.23 -1.7
 SVW 2.23 348 (P) 30 06.52 -1.4
 BKG 2.45 28 eP 30 09.03 -1.8

CKL 2.54 26 eP 30 10.40 -1.6
 CKT 2.57 27 eP 30 10.68 -1.8
 BGL 2.59 25 eP 30 10.64 -2.0
 SPU 2.59 29 eP 30 10.56 -2.1
 CKN 2.60 27 eP 30 11.32 -1.4
 CRP 2.64 27 eP 30 10.77 -2.7
 CGLM 2.71 28 eP 30 12.40 -1.9
 SLKM 2.73 53 eP 30 12.03 -2.5
 SEW 2.89 64 eP 30 14.19 -2.3
 MPA 3.09 58 eP 30 16.75 -2.4
 SUA 3.19 36 eP 30 18.45 -2.2
 SKT 3.41 25 eP 30 21.34 -2.2
 PTE 3.42 53 eP 30 20.69 -2.9
 PMS 3.44 46 eP 30 20.99 -2.8
 PWA 3.60 39 eP 30 23.76 -2.2
 KNIM 3.78 65 eP 30 24.69 -3.7
 PLRM 3.82 44 eP 30 25.05 -3.8
 PMR 3.82 44 eP 30 24.43 -4.4
 KNK 3.96 49 eP 30 26.98 -3.8
 GHO 4.01 43 eP 30 27.60 -4.0
 KLU 5.04 56 ePn 30 41.33 -4.2
 FBA 6.79 25 eP 31 04.18 -5.1
 0.4s 3.24nm 4.1mb X
 47 obs. associated

* OCT 01, 1992 11h 14m 57.49± 2.91s
 29.386 S ± 20.0km 71.725 W ± 18.1km
 DEPTH = 75.6 ± 26.6 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.4 (SAN).

TLL 1.12 134 iPd 15 17.30 -1.0
 RTCB 3.28 130 iPc 15 48.00 0.3
 ZON 3.40 130 eP 15 50.50 1.2
 RTLL 3.42 125 iPd 15 49.70 0.2
 JACH 3.43 164 iPd 15 50.36 0.6
 ROCH 3.63 170 iP 15 52.89 0.2
 RTCV 3.69 133 iPc 15 53.60 0.2
 CFA 3.73 127 ePd 15 54.20 0.2
 PEL 3.85 167 iPd 15 56.00 0.4
 LCCH 4.08 178 iP+ 15 58.68 -0.1
 FCH 4.12 163 iPd 16 00.60 1.0
 MDZ 4.27 145 eP 16 12.70 11.2X
 TACH 4.31 171 iPd 16 02.11 0.1
 PCH 4.35 167 iP 16 02.94 0.3
 LNV 4.56 177 iP+ 16 04.66 -0.9
 CHCH 4.62 169 iP+ 16 06.15 -0.3
 CACH 4.81 169 iP 16 09.11 -0.1
 CYA 5.28 81 eP 16 16.00 0.3
 ANT 5.78 12 eP 16 54.50 32.0X
 MRA 5.99 122 ePc 16 23.80 -1.6
 RFA 6.04 154 iPd 16 25.00 -1.2
 S.D. = 0.8 on 19 of 21 obs.

* OCT 01, 1992 11h 51m 06.44± 1.34s
 3.748 S ± 14.7km 128.730 E ± 16.4km
 DEPTH = 125.7 ± 9.6 km
 4.8mb (6 obs.)
 SERAM, INDONESIA (272)

AAI 0.54 276 iPd 51 25.00 -0.5
 MKS 9.35 261 iPc 53 20.60 1.1
 MTN 9.35 165 eP 53 20.00 0.5
 KNA 11.93 180 eP 53 53.50 -0.1
 WB2 17.01 162 eP 54 57.30 -0.9
 MBL 19.35 206 eP 55 23.70 -1.0
 0.6s 21.00nm 4.7mb

QIS 19.78 149 iPc 55 29.40 0.2
 ASPA 20.42 166 ePc 55 36.10 0.4
 IPM 28.89 286 ePd 56 55.90 0.2
 STKA 30.48 158 iPd 57 10.30 0.8
 CHG 36.91 308 ePd 58 06.10 1.2
 GBA 53.73 290 P 00 16.00 -2.1
 S.D. = 1.1 on 12 of 12 obs.

* OCT 01, 1992 11h 56m 11.57± 0.83s
 11.108 N ± 12.5km 86.779 W ± 17.2km
 DEPTH = 10.0km (geophysicist)
 4.6mb (7 obs.) 3.6Msz (1 obs.)
 NEAR COAST OF NICARAGUA (74)

PRM 23.22 9 eP 01 21.39 1.6
 LHS 23.89 12 eP 01 27.26 1.0
 MIAR 24.14 346 ePc 01 29.80 1.1
 GBTN 24.56 5 eP 01 33.50 0.8
 OLY 24.66 351 eP 01 31.45 -2.2
 VVO 25.46 343 eP 01 40.60 -0.7
 CEH 25.64 15 eP 01 43.61 0.6
 TUL 26.01 343 eP 01 45.80 -0.6
 RLO 26.04 345 eP 01 45.30 -1.4
 ELC 26.16 356 (P) 01 46.58 -1.2
 JFWS 31.83 355 eP 02 37.24 -1.5
 ZOBO 32.88 146 P 02 50.00 1.1
 Z 20s 0.12um 3.6Msz
 RSNY 34.95 15 eP 03 04.88 -0.9
 SRU 34.99 327 eP 03 06.59 0.2
 MSU 35.48 325 eP 03 11.28 0.6
 EEO 36.01 9 eP 03 16.50 1.7
 RSSD 36.11 339 eP 03 17.03 1.1
 DAU 36.32 328 eP 03 17.76 -0.1
 SIV 37.04 136 eP 03 24.00 0.2
 BONR 38.87 319 (P) 03 40.11 0.9
 HHA1 39.01 330 eP 03 40.92 0.8
 LMN 39.37 24 eP 03 45.00 2.1
 ULM 39.74 351 eP 03 46.50 0.6
 LRM 40.94 332 eP 03 57.00 0.9
 JAQ 43.49 10 eP 04 14.00 -2.6
 BAO 46.70 124 Pc 04 41.00 -1.9
 YKA 55.07 345 eP 05 43.50 -2.2
 CHG 149.74 349 ePKP 16 03.10 3.8X
 S.D. = 1.4 on 27 of 28 obs.

OCT 01, 1992 12h 10m 32.41± 0.56s
 43.740 N ± 8.7km 9.763 E ± 3.2km
 DEPTH = 10.0km (geophysicist)
 CORSICA (380)

PII 0.55 92 P 10 43.30 -0.3
 MME 0.81 56 P 10 48.00 -0.4
 BOB 1.05 348 P 10 53.00 0.7
 PCP 1.19 313 P 10 54.60 0.0
 FIN 1.22 293 P 10 55.01 -0.1
 CKI 1.27 303 P 10 56.00 0.0
 IMI 1.37 278 P 10 56.96 -0.6
 PGD 1.42 84 P 10 58.10 -0.4
 ROB 1.47 293 P 10 59.12 0.1
 SFI 1.52 82 P 10 59.70 0.1
 CRE 1.59 93 P 11 01.60 0.8
 ENR 1.76 287 P 11 03.74 0.5
 STV 1.83 287 P 11 05.06 0.8
 MDI 2.04 359 P 11 10.90 3.8X
 PZZ 2.06 293 P 11 07.22 -0.5
 BH8 2.11 302 P 11 07.02 -1.2

01d 12h

ORO 2.27 327 P 11 11.00 0.3
 RSP 2.28 309 P 11 10.81 0.0
 RRL 2.44 300 P 11 14.39 1.2
 LSD 2.53 314 P 11 12.96 -1.5
 BNI 2.57 302 P 11 15.20 0.2
 S.D. = 0.7 on 20 of 21 obs.

* OCT 01, 1992 12h 34m 02.69 ± 3.39s
 51.423 N ± 24.5km 15.995 E ± 18.8km
 DEPTH = 5.0km (geophysicist)

POLAND (548)
 ML 3.3 (GRF).

KSP 0.61 162 iP 34 14.50 -0.4
 IS 34 23.50
 BRG 1.40 248 iPg 34 29.60 0.7
 ISg 34 50.00
 PRU 1.71 213 ePn 34 32.50 -0.8
 0.5s 21.40nm
 Pg 34 35.00
 Sn 34 52.00
 eSg 35 00.00
 e 35 05.30

CLL 1.88 268 iPn 34 35.20 -0.5
 iPg 34 37.50
 ISg 35 04.00
 VRAC 2.15 169 ePn 34 40.20 0.5
 0.5s 18.80nm
 eSg 35 11.50
 eSg 49 08.50
 OJC 2.70 115 eP 34 53.20 5.7X
 IS 35 27.80
 KHC 2.77 215 Pn 34 48.50 -0.1
 e 34 54.70
 HOF 2.84 249 iPnc 35 00.50 11.0X
 MOX 2.87 256 ePg 34 58.20 8.2X
 eSg 35 37.80
 GEC2 2.97 211 Pn 34 51.90 0.4
 Pg 34 57.40
 Sn 35 29.10
 Sg 35 38.00
 WET 3.03 222 iPnc 34 52.30 0.1
 GRF 3.50 242 e(Pn) 34 56.00 -2.9X
 ePg 35 09.80
 eSg 35 56.40
 S.D. = 0.6 on 8 of 12 obs.

* OCT 01, 1992 13h 02m 50.16 ± 0.90s
 17.943 N ± 8.4km 76.756 W ± 7.3km
 DEPTH = 10.0km (geophysicist)

JAMAICA REGION (86)
 MD 2.0 (HOJ).

HOJ 0.06 5 ePd 02 53.22 0.8
 S 02 55.71
 GWJ 0.13 7 ePd 02 53.04 -0.4
 S 02 55.38
 STH 0.15 338 ePd 02 53.19 -0.4
 S 02 55.56
 YHJ 0.26 101 ePd 02 55.40 -0.2
 S 02 59.59
 PCJ 0.44 243 iPd 02 59.26 0.1
 S 03 06.22
 S.D. = 0.7 on 5 of 5 obs.

& OCT 01, 1992 13h 32m 54.90s
 63.810 N 148.449 W
 DEPTH = 106.4km
 4.2mb (6 obs.)

CENTRAL ALASKA (1)
 <AEIC>. Felt at Cantwell,
 Eielson Air Force Base,
 Fairbanks, Fox and Healy.

MCK 0.23 250 iPc 33 09.95 1.5
 eS 33 21.22
 RND 0.44 204 iPc 33 10.90 -0.4
 WRH 0.68 13 iPd 33 12.83 -0.2
 NEA 0.82 341 iPd 33 13.75 -0.5
 CCB 0.89 18 iPd 33 14.53 -0.4
 HDA 0.89 47 iPd 33 14.63 -0.3
 TRF 0.90 247 iPc 33 14.99 -0.2
 HUR 0.99 213 iPc 33 15.60 -0.4
 eS 33 31.72
 FBA 1.13 14 iPd 33 16.86 -0.7
 KTH 1.13 258 iPc 33 17.31 -0.3
 DDM 1.15 90 eP 33 17.64 -0.2

DJE 1.24 79 ePd 33 18.34 -0.5
 eS 33 37.10
 THY 1.27 107 eP 33 19.67 0.5
 eS 33 38.93
 GLM 1.27 21 iPd 33 18.61 -0.6
 MLY 1.58 322 iPd 33 22.45 -0.5
 PAX 1.58 121 ePd 33 22.68 -0.3
 SDG 1.84 133 iPd 33 25.72 -0.5
 DOT 1.96 93 ePc 33 26.92 -0.8
 eS 33 51.54
 TOA 2.00 148 P 33 28.00 -0.3
 SML 2.01 178 iPd 33 28.04 -0.4
 SCM 2.05 165 iPd 33 28.34 -0.6
 GH0 2.06 186 ePd 33 28.57 -0.5
 eS 33 56.23
 PRP 2.13 35 iPd 33 29.61 -0.4
 eS 33 56.35
 PMR 2.25 188 eP 33 30.20 -1.2
 TZL 2.25 141 eP 33 31.37 -0.1
 PLRM 2.25 188 eP 33 30.64 -0.8
 PWA 2.27 198 P 33 31.30 -0.4
 SKT 2.32 219 iPc 33 31.38 -1.0
 eS 33 59.20
 KNK 2.41 180 iPd 33 32.98 -0.6
 TMW 2.49 99 eP 33 33.22 -1.4
 SUA 2.58 205 ePc 33 35.57 -0.5
 KLU 2.60 152 iPd 33 34.89 -1.4
 eS 34 07.45
 PMS 2.63 192 P 33 35.90 -0.6
 VLZ 2.86 159 ePd 33 37.55 -2.1
 VZW 2.90 161 eP 33 38.39 -1.8
 NCG 2.96 217 iPc 33 40.08 -1.0
 PTE 2.97 185 eP 33 40.30 -0.8
 CGLM 3.00 215 eP 33 40.56 -1.1
 GLI 3.01 167 ePd 33 40.07 -1.6
 eS 34 14.94
 CRP 3.08 216 ePn 33 40.88 -1.8
 S 34 14.93
 FYU 3.08 25 iPd 33 41.76 -0.8
 eS 34 17.49
 CKN 3.12 215 ePc 33 42.91 -0.3
 SPU 3.12 214 eP 33 42.20 -1.1
 BGL 3.14 217 (Pn) 33 40.51 -3.0
 CKT 3.15 215 eP 33 42.81 -0.8
 IMA 3.18 318 iPd 33 42.83 -1.2
 CKL 3.18 216 iPc 33 43.19 -0.9
 GLB 3.20 136 eP 33 43.00 -1.3
 FID 3.21 162 eP 33 43.04 -1.3
 BKG 3.27 215 eP 33 44.23 -1.1
 NKA 3.34 204 ePc 33 47.79 1.6
 MPA 3.36 188 eP 33 45.47 -0.9
 SLKM 3.42 195 ePd 33 46.46 -0.8
 eS 34 27.03
 KNIM 3.49 174 ePd 33 45.97 -2.2
 TTA 3.52 259 iPc 33 46.98 -1.7
 HIN 3.55 164 ePc 33 47.18 -1.8
 SGAM 3.65 154 eP 33 48.21 -2.2
 RDT 3.74 212 iPd 33 51.24 -0.4
 SEW 3.75 188 ePd 33 50.34 -1.4
 DFR 3.79 213 iPc 33 52.15 -0.2
 MTU 3.85 174 eP 33 51.68 -1.5
 RAGM 3.87 151 eP 33 51.69 -1.7
 NCT 3.88 215 iPc 33 53.44 -0.1
 RDN 3.88 213 ePc 33 53.18 -0.4
 REF 3.88 213 iPc 33 53.45 -0.3
 RDW 3.92 213 ePc 33 53.85 -0.3
 RS2 3.92 213 iPc 33 53.89 -0.4
 RSO 3.92 213 eP 33 53.70 -0.6
 RS1 3.92 213 iPc 33 53.95 -0.3
 CROM 3.94 139 eP 33 52.74 -1.8
 BALM 3.97 132 eP 33 53.47 -1.5
 HMT 4.00 149 eP 33 53.47 -1.8
 TGL 4.03 137 ePd 33 53.63 -2.1
 BRK 4.22 197 eP 33 56.92 -1.3
 WAX 4.27 140 eP 33 56.68 -2.3
 SVW 4.29 234 eP 33 57.07 -2.1
 KAIM 4.34 152 eP 33 57.68 -2.1
 INE 4.35 212 ePc 33 58.85 -1.2
 INW 4.36 213 eP 33 59.01 -1.1
 CTGM 4.37 128 eP 33 59.44 -0.9
 HOM 4.43 201 eP 34 00.59 -0.5
 SNH 4.50 141 eP 33 59.90 -2.1
 MID 4.51 166 P 34 01.70 -0.4
 XLV 4.64 201 eP 34 02.50 -1.4
 YAH 4.68 135 eP 34 02.72 -1.9
 CYK 4.68 140 eP 34 03.36 -1.1
 OPT 4.75 211 iPc 34 04.65 -0.8

WRG 4.85 138 eP 34 04.91 -1.9
 PDB 4.87 217 eP 34 06.06 -1.0
 AUL 5.04 210 eP 34 08.28 -1.1
 AUE 5.05 210 eP 34 08.26 -1.2
 AUP 5.05 210 eP 34 08.75 -1.0
 AUH 5.06 210 eP 34 08.70 -1.0
 AUW 5.06 211 eP 34 08.66 -1.0
 AUI 5.08 210 eP 34 09.11 -0.9
 MCNL 5.43 214 iPc 34 13.49 -1.3
 CDD 5.50 209 eP 34 13.68 -2.1
 SYI 5.55 202 ePc 34 14.09 -2.4
 KDC 6.40 200 eP 34 23.64 -4.4
 S 35 28.02
 BRW 8.16 341 iP 34 49.22 -2.8
 YKA 15.24 80 eP 36 26.50 1.3
 0.6s 2.00nm 3.5mb
 NB2 54.53 12 P 42 09.50 -3.8
 0.7s 1.00nm 3.9mb
 CDF 66.50 17 eP 43 34.90 0.2
 0.3s 2.45nm 4.6mb
 GEC2 66.81 13 P 43 34.00 -2.6
 0.8s 0.86nm 3.7mb
 GEC2 66.81 13 P 43 36.40 -0.2
 LOR 67.13 20 eP 43 35.90 -2.7
 0.6s 3.25nm 4.4mb
 SSF 67.28 20 eP 43 37.00 -2.5
 0.6s 4.25nm 4.5mb
 107 obs. associated

& OCT 01, 1992 13h 38m 35.04s
 64.008 N 145.846 W
 DEPTH = 14.5km
 4.4mb (7 obs.)

CENTRAL ALASKA (1)
 <AEIC>. ML 4.5 (AEIC), 4.4
 (PMR). Felt (V) at Two Rivers,
 (IV) at Delta Junction and (II)
 at Fairbanks.

DJE 0.08 75 iPc 38 38.00 -0.1
 DDM 0.22 182 iPc 38 40.16 -0.1
 THY 0.60 176 iPc 38 46.42 -0.3
 HDA 0.63 310 iPd 38 46.96 -0.3
 DOT 0.87 114 iPc 38 51.64 0.3
 PAX 1.06 171 iPd 38 54.40 -0.2
 CCB 1.07 308 iPc 38 54.48 -0.2
 WRH 1.09 296 iPc 38 54.97 0.0
 GLM 1.19 327 iPc 38 56.68 -0.1
 FBA 1.23 318 iPc 38 56.64 -0.8
 MCK 1.40 260 iPc 39 00.06 0.1
 TMW 1.44 117 iPd 39 00.65 0.0
 RND 1.47 247 ePc 39 01.62 0.6
 SDG 1.49 175 iPd 39 02.47 1.1
 NEA 1.52 294 ePc 39 00.96 -0.8
 PRP 1.52 5 eP 39 02.95 1.1
 eS 39 22.66
 TOA 1.92 185 P 39 08.30 0.8
 TZL 1.98 174 iPc 39 10.02 1.6
 HUR 1.99 240 eP 39 09.16 0.6
 eS 39 36.32
 TRF 2.05 256 ePc 39 09.42 -0.2
 SCM 2.29 198 ePc 39 14.03 1.1
 KTH 2.30 261 ePc 39 12.31 -0.8
 MLY 2.35 298 eP 39 12.40 -1.4
 SML 2.48 208 iPc 39 17.00 1.4
 KLU 2.53 181 iPc 39 17.29 1.0
 FYU 2.58 5 ePd 39 17.43 0.5
 GH0 2.65 214 ePc 39 19.06 1.0
 GLB 2.74 159 eP 39 20.20 0.9
 PLRM 2.86 213 ePc 39 22.12 1.3
 PMR 2.86 213 ePnd 39 21.99 1.1
 Pg 39 26.93
 S 40 01.67
 KNK 2.87 206 ePc 39 22.97 1.9
 VLZ 2.90 185 ePc 39 22.57 1.2
 VZW 2.98 187 eP 39 23.61 1.0
 PWA 3.00 220 P 39 24.60 1.7
 GLI 3.19 191 eP 39 26.50 0.8
 PMS 3.26 213 P 39 28.70 2.0
 FID 3.28 185 eP 39 28.15 1.2
 SKT 3.30 234 ePc 39 26.50 -0.7
 eS 40 09.81
 BALM 3.40 150 eP 39 31.00 2.4
 SUA 3.41 224 eP 39 30.06 1.3
 PTE 3.48 207 eP 39 30.92 1.2
 CROM 3.50 158 eP 39 31.44 1.3
 SGAM 3.53 175 ePc 39 30.97 0.5

TGL	3.55	155	eP	39	32.33	1.4	DMN	80.36	316	P	50	46.10	-1.1	JACH	0.09	267	iP	48	56.57	-0.1
HIN	3.64	185	eP	39	32.72	0.7		115	obs.	associated				PEL	0.50	200	iS	49	07.16	
RAGM	3.68	171	eP	39	33.71	1.1										iPd	48	58.37	-0.1	
CTGM	3.70	144	eP	39	33.91	0.8										iS	49	09.87		
HMT	3.76	168	P	39	34.20	0.4										iP+	48	59.23	0.3	
KNIM	3.78	194	eP	39	34.15	0.2										iS	49	11.51		
WAX	3.84	157	eP	39	35.99	1.1										iPd	49	00.16	-0.1	
MPA	3.90	207	eP	39	35.95	0.4										iS	49	13.19		
NGC	3.91	231	eP	39	36.73	0.8										iP+	49	02.87	0.0	
IMA	3.91	305	ePn	39	33.95	-2.0										iS	49	17.57		
			Lg	40	36.29		FHC	1.25	69	iPc	48	14.10	0.3	PCH	0.94	182	iP+	49	03.82	-0.2
CGLM	3.93	229	eP	39	37.19	1.1	WDC	2.29	84	ePnc	48	29.23	0.4	TACH	1.05	201	iP+	49	19.28	
CRP	4.01	229	ePn	39	38.68	1.4	LBFM	2.92	69	ePn	48	38.59	0.4	LCCH	1.21	229	iP	49	06.11	0.2
			S	40	36.07		ORV	3.19	103	ePn	48	39.79	-2.0				iS	49	23.35	
SPU	4.03	228	ePn	39	38.19	0.6										iP	49	06.33	-0.3	
CKN	4.05	229	P	39	40.20	2.4	DBO	3.24	31	Pc	48	41.80	-0.7	CHCH	1.26	186	iP	49	24.35	
SLKM	4.06	212	eP	39	39.75	1.7										iS	49	09.74	0.8	
CKT	4.07	229	eP	39	39.56	1.4	HSO	3.64	29	Pd	48	47.84	-0.4	CACH	1.44	184	iPd	49	29.48	
BGL	4.09	231	ePn	39	40.59	2.2	HBO	4.22	33	P	48	56.50	0.1				iS	49	09.03	-0.4
CKL	4.12	230	eP	39	40.38	1.5	FBO	4.51	28	P	49	00.51	0.1	LNV	1.49	211	iP	49	28.72	
MTU	4.12	193	P	39	41.40	2.5	CMB	4.62	119	ePn	49	03.20	1.2							
NKA	4.13	220	P	39	43.20	4.3	TCO	4.74	37	P	49	04.23	0.3							
YAH	4.13	150	P	39	41.20	2.0	SSOR	5.03	26	P	49	08.30	0.5							
KAIM	4.15	170	P	39	40.00	0.8	BPO	5.14	32	P	49	09.31	-0.2							
BKG	4.19	228	eP	39	41.13	1.3	GT2	5.35	25	P	49	12.84	0.4							
CYK	4.24	157	P	39	36.70	-3.9	VIPM	5.51	40	P	49	15.02	0.3							
SEW	4.27	205	eP	39	41.90	1.0	VBEM	5.52	30	P	49	14.65	-0.2							
WRG	4.37	154	P	39	45.20	2.8	CROR	5.70	34	P	49	16.89	-0.4							
RDT	4.61	225	eP	39	47.33	1.5	VGB	6.22	32	eP	49	24.51	0.0							
DFR	4.68	226	eP	39	48.85	1.9	BMW	6.33	15	eP	49	26.37	0.1							
TTA	4.69	261	eP	39	44.97	-2.0														
REF	4.77	225	P	39	49.50	1.3														
RDN	4.77	226	P	39	48.90	0.8														
NCT	4.78	227	P	39	50.00	1.6														
RS2	4.81	225	P	39	50.50	1.8														
RSO	4.80	225	eP	39	50.35	1.6														
RDW	4.81	226	P	39	50.70	2.0														
RS1	4.81	225	P	39	50.70	1.9														
HOM	5.16	215	eP	39	54.56	1.1														
INE	5.22	224	P	39	56.20	1.7														
INW	5.23	224	P	39	56.20	1.5														
XLV	5.35	214	P	39	58.70	2.4														
SVW	5.38	242	ePn	39	54.70	-2.0														
	0.3s		6.06nm			4.7mb X														
			Lg	41	20.10															
OPT	5.60	222	eP	40	01.03	1.3														
AUL	5.88	221	P	40	04.30	0.7														
AUE	5.88	221	P	40	04.00	0.4														
AUP	5.89	221	P	40	05.00	1.1														
AUH	5.90	221	P	40	05.10	1.2														
AUW	5.90	221	P	40	05.00	1.1														
AUI	5.91	221	P	40	03.90	-0.2														
SYI	6.26	213	P	40	09.80	0.7														
MCNL	6.31	224	P	40	09.80	0.1														
CDD	6.31	220	P	40	09.80	-0.1														
KDC	7.07	210	ePn	40	19.23	-1.1														
	0.8s		19.75nm			5.3mb X														
BRW	8.40	335	P	40	37.20	-1.8														
ANM	8.50	283	ePn	40	37.77	-2.7														
YKA	14.07	82	eP	41	55.50	-0.2														
	0.4s		5.80nm			4.7mb X														
MBC	14.99	24	P	42	06.00	-1.6														
	0.9s		1.00nm			3.2mb X														
RMW	21.18	130	(P)	43	19.85	-2.0														
DPW	22.10	124	eP	43	32.64	1.6														
SES	22.88	110	ePd	43	39.00	0.3														
VGB	23.23	131	eP	43	45.15	3.0														
TNP	31.06	133	eP	44	55.69	1.1														
	0.6s		3.09nm			4.4mb														
			e	44	58.97															
MSU	32.40	126	eP	45	06.67	0.4														
TUC	38.47	129	eP	45	59.76	1.9														
	0.8s		6.38nm			4.4mb														
FVM	41.60	102	eP	46	23.00	-0.6														
	0.7s		9.19nm			4.6mb														
MIAR	43.17	107	eP	46	36.00	-0.4														
	0.6s		5.92nm			4.5mb														
			i	46	40.44															
NB2	54.08	14	P	47	58.80	-1.8														
	0.7s		2.20nm			4.3mb														
HFS	55.21	12	eP	48	07.00	-1.9														
	0.6s		1.30nm			4.1mb														
EKA	57.56	24	Pd	48	24.90	-0.8														
	0.6s		3.80nm			4.6mb														
GUN	79.84	315	P	50	31.42	-13.1														
GKN	80.13	316	P	50	44.52	-1.3														
KKN	80.14	316	P	50	44.72	-1.2														

												</								

01d 15h

S.D. = 0.2 on 6 of 6 obs.
 OCT 01, 1992 16h 37m 03.97 ± 0.29s
 51.028 N ± 7.0km 178.128 W ± 3.1km
 DEPTH = 33.0km (normol)
 4.8mb (66 obs.) 4.5Msz (1 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 Felt on Adak.

ADK	1.24	46	ePnd	37	25.82	0.7
SMY	5.11	293	(Pn)	38	23.53	3.4X
SDN	11.42	61	ePn	39	45.68	-1.9
SVW	16.03	42	eP	40	49.35	1.1
	0.8s	33.32nm			4.5mb	
KDC	16.31	56	eP	40	48.50	-3.2X
	0.5s	12.74nm			4.3mb	
TTA	16.84	36	eP	40	59.32	0.8
	0.8s	15.06nm			4.2mb	
BGL	17.50	44	eP	41	08.48	1.7
CRP	17.60	44	ePd	41	09.62	1.5
SPU	17.61	45	eP	41	10.14	2.0
SLKM	18.21	48	eP	41	14.20	-1.3
IMA	19.54	30	eP	41	31.40	0.0
	1.0s	73.50nm			4.9mb	
KLU	20.50	47	eP	41	42.09	0.6
FBA	20.97	37	eP	41	47.00	0.8
	0.6s	28.40nm			4.8mb	
YSS	25.77	276	ePd	42	34.30	1.2
	0.9s	10.00nm			4.4mb	
MBC	33.78	22	eP	43	44.00	-0.2
MAT	34.15	262	eP	43	48.00	0.2
MDJ	35.05	280	eP	43	54.20	-1.2
	0.8s	7.06nm			4.7mb	
YKA	35.17	46	eP	43	54.00	-2.3
	0.8s	4.50nm			4.5mb	
GMW	35.55	73	eP	44	00.60	0.9
RMW	36.18	73	eP	44	06.07	1.0
LON	36.51	74	eP	44	09.37	1.6
VGB	37.73	75	eP	44	18.06	0.0
		pP		44	31.50	51kmX
DPW	38.15	71	eP	44	22.01	0.4
		i		44	34.95	
BOD	38.43	307	eP	44	23.70	0.0
	0.6s	10.00nm			4.8mb	
NEW	38.61	69	ePd	44	25.60	0.1
	1.0s	42.50nm			5.2mb	
		pP		44	37.59	44kmX
SNY	40.25	280	eP	44	39.60	0.6
	1.2s	19.00nm			4.7mb	
CIT	41.06	299	eP	44	44.60	-1.1
SES	41.14	64	eP	44	46.00	-0.3
LRM	42.60	70	eP	44	58.10	-0.4
		e		45	11.60	
TNP	44.07	83	(P)	45	11.95	1.4
	0.8s	6.03nm			4.5mb	
TPNV	45.37	83	(P)	45	21.05	0.1
	0.7s	9.56nm			4.8mb	
		(pP)		45	33.66	46kmX
DUG	45.54	77	eP	45	23.02	0.8
	1.1s	13.93nm			4.8mb	
		pP		45	36.28	49kmX
BJI	45.86	283	eP	45	24.50	0.0
BW06	46.01	72	iPc	45	26.00	0.0
	0.9s	22.60nm			5.1mb	
		pP		45	38.00	43kmX
DAU	46.36	76	eP	45	29.57	0.6
		pP		45	43.17	51kmX
ARUT	46.61	80	(P)	45	29.59	-1.1
MSU	46.95	79	(P)	45	31.17	-2.3
ZAK	47.50	302	iPd	45	38.30	1.0
	1.2s	32.00nm			5.2mb	
SRU	47.60	77	eP	45	39.95	1.4
TIA	47.63	278	eP	45	38.40	-0.2
HHC	48.19	287	P	45	44.00	0.9
	1.0s	14.00nm			4.9mb	
Z	28s	0.44um			4.3MszX	
RSSD	48.50	68	eP	45	45.05	-0.5
	0.6s	5.36nm			4.8mb	
BTO	49.28	287	eP	45	52.00	0.6
TIY	49.59	283	eP	45	54.30	0.5
GOL	50.38	73	eP	46	00.12	0.1
	0.8s	18.69nm			5.1mb	
		pP		46	13.85	51kmX
XAN	54.14	282	P	46	26.60	-1.4
	1.0s	6.40nm			4.6mb	
		sP		46	42.40	
LZH	55.89	287	eP	46	41.00	0.2

GTA	1.2s	36.00nm		5.3mb	
	56.09	292	Pc	46	41.50
	2.0s	80.00nm		5.4mb	
		pP		46	49.00
		sP		46	53.00
WMQ	59.89	303	P	47	08.00
	1.0s	10.00nm		4.9mb	
Z	18s	0.30um		4.5Msz	
		pP		47	20.50
		eS		55	16.00
FVM	60.32	65	eP	47	09.81
	0.5s	14.97nm		5.4mb	
GYA	60.78	277	P	47	14.20
MIAR	60.85	70	eP	47	14.77
	0.6s	2.20nm		4.5mb	
		pP		47	27.94
OLY	61.42	68	eP	47	17.63
		pP		47	30.23
ELC	61.49	65	eP	47	18.14
SVE	62.13	328	ePd	47	24.00
GBTN	65.48	63	eP	47	44.26
		pP		47	57.88
KAF	65.55	348	iP	47	44.20
	0.4s	5.20nm		5.0mb	
NUR	67.31	348	eP	47	55.50
	0.5s	2.80nm		4.6mb	
PRM	67.67	63	eP	47	59.78
		pP		48	12.39
LSA	67.96	290	iPd	48	03.60
	0.8s	2.60nm		4.4mb	
NB2	68.03	355	P	48	00.20
	0.7s	3.40nm		4.6mb	
CEH	68.16	60	eP	48	02.83
	0.3s	10.92nm		5.4mb	
		pP		48	15.84
LHS	68.26	62	eP	48	02.35
		pP		48	16.51
UPP	68.74	352	iP	48	04.20
HFS	68.78	354	eP	48	04.20
	0.4s	1.50nm		4.4mb	
OBN	70.35	340	eP	48	13.50
	1.0s	21.00nm		5.2mb	
		e		48	27.50
CHG	71.20	277	eP	48	21.50
GUN	72.38	293	P	48	29.48
	0.4s	92.00nm		6.1mb	
KKN	72.82	293	P	48	32.02
	0.5s	26.00nm		5.5mb	
PKI	72.91	293	P	48	33.42
GKN	73.03	293	P	48	33.02
DMN	73.06	293	P	48	33.32
EKA	73.93	3	P	48	37.00
	0.5s	5.70nm		4.8mb	
CLL	77.60	353	iP	48	57.40
MOX	78.37	354	eP	49	02.00
	1.5s	13.00nm		4.7mb	
PRU	78.78	352	eP	49	04.50
DOU	79.23	358	Pc	49	06.80
GRF	79.34	354	iPc	49	08.00
	0.9s	18.00nm		5.1mb	
KHC	79.72	352	eP	49	09.50
	1.0s	3.90nm		4.4mb	
		e		49	40.00
GEC2	79.99	352	P	49	11.00
	0.7s	2.46nm		4.3mb	
FLN	80.57	2	iPc	49	13.70
	0.6s	8.50nm		4.9mb	
LDF	80.74	1	iPc	49	14.80
	0.4s	16.40nm		5.4mb	
CDF	80.83	356	eP	49	15.40
	0.7s	4.65nm		4.6mb	
GRR	80.94	2	iPc	49	16.00
	0.7s	20.50nm		5.2mb	
HAU	81.27	357	iPc	49	17.80
	0.6s	4.50nm		4.7mb	
LPF	81.29	2	iPc	49	18.10
	0.6s	8.55nm		4.9mb	
BSF	81.43	357	eP	49	18.50
	0.8s	4.85nm		4.6mb	
WTTA	81.73	353	iPc	49	20.50
	0.7s	10.00nm		4.9mb	
KBA	81.78	352	iPc	49	21.40
	0.5s	20.00nm		5.4mb	
WRA	82.06	224	P	49	22.40
	0.8s	1.10nm		3.9mb	
LOR	82.07	359	iPc	49	22.10
	0.6s	4.70nm		4.7mb	

SSF	82.28	359	iPc	49	23.30	0.3
	0.7s	7.60nm			4.9mb	
AVF	82.56	359	iPc	49	24.60	0.2
	0.9s	7.20nm			4.7mb	
SMF	82.69	359	iPc	49	25.40	0.2
	1.0s	13.40nm			5.0mb	
MFF	82.74	1	eP	49	25.80	0.4
	0.9s	15.55nm			5.1mb	
TCF	83.07	360	iPc	49	27.20	0.1
	0.6s	3.80nm			4.7mb	
LSF	83.10	0	eP	49	27.50	0.2
	0.6s	9.00nm			5.1mb	
MAF	83.13	360	iPc	49	27.90	0.4
	0.6s	3.50nm			4.6mb	
LPG	83.76	357	eP	49	31.30	0.2
	0.8s	2.55nm			4.4mb	
RJF	84.05	0	eP	49	32.60	0.5
	0.5s	4.30nm			4.9mb	
LFF	84.41	1	eP	49	34.50	0.6
	0.7s	12.90nm			5.2mb	
CAF	84.43	360	eP	49	34.60	0.5
	0.9s	8.70nm			4.9mb	
LPO	84.67	0	eP	49	35.80	0.6
	0.7s	11.35nm			5.2mb	
HYB	84.73	291	eP	49	36.00	0.0
SBF	85.37	356	eP	49	39.00	0.2
	0.8s	14.25nm			5.2mb	
ASPA	85.52	223	P	49	40.29	0.6
	0.7s	1.70nm			4.4mb	
FRF	85.70	357	eP	49	40.80	0.4
	0.8s	9.65nm			5.1mb	
LMR	85.93	357	eP	49	42.10	0.5
	0.6s	3.80nm			4.8mb	
PGF	86.60	355	eP	49	45.20	0.2
	0.8s	19.05nm			5.4mb	
GSA	88.39	290	P	49	53.00	-0.8
SLR	147.67	311	ePKP	56	45.00	1.3
	0.7s	6.85nm				
BLF	151.50	311	ePKP	56	55.60	6.1X
KIM	151.86	314	ePKP	57	08.20	18.2X

S.D. = 0.9 on 109 of 113 obs.

? OCT 01, 1992 16h 40m 23.31 ± 3.29s
 34.787 S ± 32.0km 71.020 W ± 14.9km
 DEPTH = 100.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.7 (SAN).

CACH	0.75	28	iPd	40	41.59	0.0
		iS		40	56.33	
LNv	0.89	339	iP+	40	42.85	0.1
		iS		40	58.53	
CHCH	0.90	20	iP	40	42.96	-0.1
		iS		40	58.94	
TACH	1.13	3	iPd	40	45.41	-0.1
		iS		41	02.87	
PCH	1.24	20	iP+	40	47.05	0.2
		iS		41	05.84	
LCCH	1.39	341	iP	40	48.50	0.0
		iS		41	08.36	
FCH	1.58	23	iPd	40	51.19	-0.1
		iS		41	13.66	
PEL	1.66	10	iP+	40	52.27	0.2
		iS		41	15.01	
ROCH	1.81	0	iP	40	54.11	0.0
		iS		41	18.49	
JACH	2.13	10	iP	40	58.09	-0.1
		iS		41	25.58	

S.D. = 0.1 on 10 of 10 obs.

LNV 1.12 175 iPd 47 49.95 -0.9
 FCH 1.16 115 iPd 47 51.07 -0.6
 iS 48 08.79
 PCH 1.16 133 iP 47 52.10 0.5
 iS 48 10.44
 CHCH 1.32 146 iP 47 54.14 -0.1
 iS 48 14.69
 CACH 1.50 149 iP 47 57.17 0.3
 iS 48 20.29
 MDZ 2.26 92 iS 48 09.40 1.5
 iP 48 42.40
 ZON 2.74 63 eP 48 14.50 -0.3
 eS 48 51.50

S.D. = 0.9 on 14 of 14 obs.

OCT 01, 1992 17h 18m 57.00±0.40s
 49.129 N ± 3.5km 6.903 E ± 4.7km
 DEPTH = 10.0km (geophysicist)

GERMANY (543)

ML 2.8 (STR). MD 2.6 (UCC).

RUP 0.58 10 ePg 19 07.76 -1.1
 LANF 0.61 104 Pg 19 08.99 -0.4
 SRBF 0.66 109 Pg 19 10.63 0.5
 WLF 0.73 318 iP 19 11.00 -0.2
 CDF 0.76 161 Pg 19 11.58 -0.3
 Sg 19 22.05
 WLS 0.78 157 Pg 19 11.62 -0.6
 ECH 0.93 169 Pg 19 14.69 -0.1
 Sg 19 27.75
 VITF 1.10 214 Pg 19 17.12 -0.5
 MOF 1.29 173 Pg 19 21.59 0.6
 Sg 19 39.66
 BSF 1.30 183 Pg 19 21.54 0.4
 TOD 1.33 68 ePg 19 07.76 -13.8X
 FEL 1.46 149 Pg 19 24.52 1.1
 Sg 19 44.64
 TNS 1.49 42 iPnd 19 25.00 1.2
 iSn 19 44.00
 MEM 1.59 339 iPd 19 25.58 0.4
 ENN 1.76 339 iPnc 19 29.20 1.6
 ePg 19 32.00
 eSn 19 50.00
 LOMF 1.78 182 Pg 19 30.79 2.7X
 DOU 1.79 304 P 19 27.10 -1.0
 id 19 31.20
 iS 19 49.00
 SNF 2.19 310 iP 19 40.20 6.3X
 KHC 4.38 87 Pn 20 04.40 -0.7
 Pg 20 24.60
 Sn 20 55.00
 Sg 21 20.00
 GEC2 4.49 91 Pn 20 05.80 -0.8
 Sn 20 56.00
 Sg 21 18.50

S.D. = 0.8 on 17 of 20 obs.

% OCT 01, 1992 17h 35m 23.81±0.70s
 42.416 N ± 6.1km 19.433 E ± 5.3km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

ML 1.3 (TTG).

TTG 0.13 276 iPg 35 27.88 1.0
 iSg 35 30.86
 PVY 0.44 66 iPg 35 33.10 0.3
 iSg 35 40.25
 BDV 0.47 254 iPg 35 33.14 -0.2
 iSg 35 40.79
 ULC 0.47 197 iPg 35 33.10 -0.3
 iSg 35 40.56
 NKY 0.51 321 iPg 35 33.81 -0.4
 iSg 35 42.59
 IVA 0.57 37 iPg 35 35.14 -0.3
 iSg 35 44.25
 BRY 0.82 307 ePg 35 39.54 -0.2
 iSg 35 52.24

S.D. = 0.6 on 7 of 7 obs.

& OCT 01, 1992 17h 39m 39.91s
 34.543 N 116.546 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 3.0 (PAS).

GSC 0.79 344 ePc 39 54.66 -0.9

PEC 0.83 218 ePc 40 05.59 -1.0
 eS (S) 40 06.30
 SSK 1.00 251 eP 39 58.65 -1.3
 eS 40 12.13
 PLM 1.22 193 eP 40 02.78 -0.8
 eS 40 16.90
 GLA 2.06 136 ePn 40 13.33 -3.0
 ABL 2.23 279 ePn 40 16.54 -2.3
 TPNV 2.41 6 eP 40 18.31 -3.2
 BCH 2.98 283 (P) 40 28.19 -1.3
 BONR 3.69 338 eP 40 38.12 -1.6
 ARUT 4.10 37 eP 40 43.56 -1.8
 MSU 5.30 40 eP 40 57.90 -4.6

11 obs. associated

? OCT 01, 1992 17h 47m 42.23±1.17s
 66.814 N ± 9.6km 13.476 E ± 17.6km
 DEPTH = 10.0km (geophysicist)

NORTHERN NORWAY (646)

LOF 1.32 1 eP 48 06.65 0.0
 eS 48 24.63
 KTK1 4.29 55 eP 48 49.61 0.6
 eS 49 38.92
 ARA0 5.25 53 Pn 49 02.04 -0.6
 Pg 49 18.34
 Sn 50 00.01
 Lg 50 26.11
 NRA0 6.16 189 Pn 49 15.42 0.0
 Lg 51 01.85

S.D. = 0.8 on 4 of 4 obs.

OCT 01, 1992 18h 13m 20.95±0.35s
 1.927 S ± 5.6km 126.802 E ± 9.0km
 DEPTH = 24.5km (4 depth phases)

SOUTHERN MOLUCCA SEA (269)

AAI 2.23 142 iP 14 00.00 2.9
 iS 14 29.00
 MNI 3.88 330 ePc 14 20.00 -0.5
 eS 15 05.50
 PCI 7.04 278 ePc 15 30.70 25.6X
 eS 16 08.30
 MKS 8.01 246 iPd 15 18.90 0.1
 MTN 11.67 159 eP 16 09.00 0.0
 0.5s 80.00nm 6.2mb X
 KNA 13.87 172 eP 16 38.30 -0.1
 WB2 19.37 158 iPd 17 45.80 -2.2
 0.8s 141.80nm 5.3mb
 iS 21 21.80
 MBL 20.29 199 eP 17 56.00 -1.8
 PMG 21.56 111 eP 18 14.00 3.1X
 QIS 22.34 147 eP 18 17.60 -1.0
 0.2s 11.00nm 5.0mb
 ASPA 22.68 163 eP 18 21.30 -0.7
 0.8s 78.70nm 5.3mb
 Z 21s 0.30um 3.7msz
 eP 18 28.10 24km
 eS 22 26.20

WARB 24.12 180 eP 18 36.00 0.0
 0.5s 13.00nm 4.7mb
 MEEK 25.80 197 eP 18 51.00 -1.0
 CTA 26.21 135 eP 18 50.00 -5.9X
 i 18 55.00
 PPI 26.44 273 eP 19 02.50 4.5X
 IPM 26.55 284 ePd 19 01.00 1.9
 0.8s 72.90nm 5.4mb
 QIZ 26.68 322 Pc 19 04.90 4.8X
 RMO 32.27 141 eP 20 06.00 16.0X
 STKA 32.89 156 iPd 19 54.40 -1.0
 HNR 33.79 104 eP 20 04.00 0.6
 CHG 34.28 308 eP 20 07.00 -0.6
 e 22 44.00
 WHN 34.40 341 eP 20 09.50 1.0
 NJ2 34.62 348 Pc 20 15.00 4.7X
 BFD 37.96 159 eP 20 39.00 0.5
 BWA 38.11 150 eP 20 41.90 2.1
 TIA 39.00 348 eP 20 46.70 -0.6
 CAN 39.11 151 eP 20 49.10 0.9
 i 20 57.00
 CD2 39.34 328 eP 20 50.00 -0.2
 XAN 39.53 336 P 20 51.00 -0.8
 0.7s 13.00nm 4.8mb
 pP 20 57.00 20km
 MAT 39.72 14 (P) 20 52.00 -1.2

0.7s 5.48nm 4.4mb
 TIY 41.63 343 eP 21 08.90 -0.1
 BJI 42.88 348 eP 21 18.00 -1.1
 LZH 43.46 333 eP 21 25.00 0.9
 1.4s 130.00nm 5.5mb
 sP 21 37.00
 SNY 43.65 357 Pd 21 24.20 -1.1
 0.8s 7.40nm 4.5mb
 pP 21 33.10 30km
 sP 21 35.10
 HHC 44.78 344 P 21 39.00 4.3X
 1.4s 31.00nm 5.0mb
 BTO 45.01 342 eP 21 39.60 3.1X
 CN2 45.54 359 eP 21 42.90 2.5
 LSA 46.36 316 iPd 21 48.40 0.7
 MDJ 46.40 3 eP 21 46.00 -1.3
 GTA 48.02 332 eP 22 00.00 -0.3
 PKI 49.44 309 P 22 11.24 -0.5
 HYB 51.28 294 ePc 22 24.10 -1.4
 1.0s 30.00nm 5.2mb
 GBA 51.32 289 P 22 28.00 2.3
 NDI 56.40 307 eP 23 05.50 2.5
 IRK 57.24 344 eP 23 12.30 3.6X
 1.8s 22.00nm 4.9mb
 WMQ 57.43 327 P 23 09.90 -0.3
 KSH 62.12 317 P 23 49.10 6.5X
 YAK 63.81 2 iPc 23 52.70 -0.4
 0.6s 134.00nm 6.3mb X
 MAIO 73.03 309 eP 24 51.00 -0.1
 KRI 96.32 253 iPd 27 04.50 14.8X
 iP 27 12.10 24km
 SKO 102.69 313 iPd 27 37.00 19.3X
 CNCB 156.35 142 ePKP 33 19.00 2.5X
 LPB 156.49 142 ePKP 33 25.00 8.5X
 ZOBO 156.65 141 PKP 33 16.50 -0.5

S.D. = 1.3 on 39 of 54 obs.

OCT 01, 1992 18h 15m 40.89±0.31s
 53.655 S ± 5.6km 51.684 W ± 8.7km
 DEPTH = 10.0km (geophysicist)
 5.3mb (11 obs.) 5.4msz (5 obs.)
 SOUTH ATLANTIC OCEAN (409)
 CENTROID, MOMENT TENSOR (HRV)
 Dato Used: GDSN
 L.P.B.: 325, 61C
 Centroid Location:
 Origin Time 18:15:48.2 0.2
 Lot 54.00S 0.03 Lon 51.38W 0.06
 Dep 15.0 FIX Half-duration 1.4
 Moment Tensor; Scale 10**17 Nm
 Mrr=-0.23 0.05 Mtt=-1.19 0.05
 Mff=1.43 0.06 Mrt=-0.78 0.11
 Mrf=0.84 0.16 Mtf=1.30 0.05
 Principal Axes:
 T Val= 2.08 Plg=13 Azm=289
 N 0.20 59 176
 P -2.27 28 26
 Best Double Couple:Mo=2.2*10**17
 NP1:Strike= 64 Dip=61 Slip=-11
 NP2: 160 81 -150

AIA 13.23 204 eP 18 50.50 -0.6
 LPA 19.25 344 eP- 20 08.00 0.0
 Z 20s 5.67um
 MRA 23.49 329 e(P) 20 52.00 0.6
 MDZ 24.11 323 i(P) 20 57.20 -0.3
 i 21 31.50
 PEL 24.57 319 ePc 21 01.00 -0.9
 TLL 27.27 322 eP 21 26.00 -1.4
 PPD 31.57 1 eP 22 06.40 0.8
 SPA 36.53 180 iPd 22 48.60 0.5
 1.0s 21.27nm 4.9mb
 Z 18s 15.82um 5.8msz
 CCH 37.91 337 eP 23 14.00 13.8X
 BAO 38.05 6 e(P) 23 01.00 -0.2
 e 23 08.00
 e 23 14.00
 e 23 38.00
 e 24 49.00
 SIV 38.30 345 P 23 03.40 0.2
 CNCB 38.91 335 P 23 09.80 0.9
 LPB 39.20 335 P 23 11.80 0.6
 Z 17s 7.48um 5.6mszX
 LR 35 34.00
 ZOBO 39.44 335 P 23 14.00 0.5
 Z 16s 4.58um 5.4mszX
 S 29 20.00

01d 18h

ARE	40.21	330	eP	23	10.00	-9.4X
PDCR	42.22	18	eP	23	46.40	10.9X
NNA	46.13	325	eP	24	06.30	-0.8
	1.2s	28.13nm			5.1mb	
	20s	3.19um			5.3msz	
SBA	46.64	190	ePd	24	12.30	1.9
MAW	49.65	153	eP	24	32.00	-1.9
	1.0s	16.00nm			5.0mb	
POF	56.23	95	eP	25	23.50	0.2
KIM	59.55	98	iPc	25	47.50	0.6
	1.0s	65.00nm			5.7mb	
				25	53.00	
CSY	59.62	172	eP	25	46.50	-0.2
	0.1s	13.30nm			6.0mb	
WIN	59.62	87	iPc	25	54.50	7.0X
	0.8s	22.39nm			5.3mb	
	17s	2.38um			5.4msz	
BLF	60.11	99	eP	25	45.50	-5.2X
SLR	63.86	98	iPc	26	12.30	-3.6X
	0.8s	11.19nm			5.1mb	
	20s	2.84um			5.4msz	
BUL	68.33	95	iPd	26	24.30	-20.2X
	0.8s	16.04nm				
		iPd		26	50.20	102kmX
LIC	71.36	50	P	27	02.50	-0.3
KIC	71.61	50	P	27	04.00	-0.3
TIC	71.73	50	P	27	05.00	-0.1
LWI	82.56	84	eP	28	04.60	-1.0
TOO	87.94	194	eP	28	40.50	8.6X
	1.0s	47.00nm			5.8mb	
BFD	88.70	191	iPc	28	43.10	7.6X
	1.2s	53.00nm			5.7mb	
CNB	89.54	197	eP	28	47.50	7.9X
	1.1s	30.00nm			5.5mb	
WB2	106.52	186	ePKP	34	22.10	14.7X
	1.3s	6.80nm				
WRA	106.52	186	Pdiff	30	04.80	8.3X
	0.9s	0.70nm			4.7mb	
GEC2	116.07	42	PKP	34	36.20	11.3X
	1.1s	1.89nm				
NB2	124.75	32	PKP	34	41.40	0.4
	0.7s	0.80nm				
HFS	124.86	34	ePKP	34	38.90	-2.3X
	0.4s	0.90nm				
	20s	0.84um			5.4msz	
YKA	125.86	329	ePKP	34	42.80	-0.3
	0.7s	1.40nm				
HYB	127.31	114	ePKP	34	54.50	7.2X
NUR	128.95	38	ePKP	35	01.60	12.6X
	0.9s	9.60nm				
MAIO	130.34	81	ePKP	34	53.00	0.4
KAF	130.61	37	ePKP	34	51.20	-0.9
	0.6s	2.90nm				
IMA	141.64	320	e(PKP)	35	17.60	4.8X
	1.1s	28.30nm				
KSH	142.20	90	PKP	35	13.50	-1.2
KMI	145.69	136	PKPc	35	22.00	0.9
		pPKP		35	27.60	
GYA	148.43	141	PKP	35	30.40	5.0X
OZH	150.41	162	PKP	35	30.00	1.8
CD2	151.17	132	PKP	35	36.60	7.3X
	22s	0.83um			5.5msz	
GTA	155.97	115	ePKP	35	40.00	4.1X
		pPKP		35	45.00	
XAN	156.06	137	PKP	35	43.90	7.9X
TIY	160.65	139	ePKP	35	45.00	3.8X
	22s	2.22um				
BTO	162.03	129	ePKP	35	51.00	8.4X
BJI	164.08	144	ePKP	35	53.00	8.6X
	20s	0.60um				
		ePP		40	26.00	
S.D. = 0.9 on 30 of 54 obs.						
OCT 01, 1992 18h 36m 31.35± 2.45s						
42.855 N ±20.1km 0.604 W ± 9.2km						
DEPTH = 10.0km (geophysicist)						
PYRENEES (378)						
ML 1.7 (STR).						
LHE	0.06	348	Pg	36	33.50	-0.2
			Sg	36	34.46	
ISSF	0.22	321	Pg	36	36.25	0.0
			Sg	36	39.55	
ESCF	0.22	6	Pg	36	36.16	-0.1
			Sg	36	38.90	

ATE	0.24	343	Pg	36	36.41	-0.1
			Sg	36	39.55	
MADF	0.33	332	Pg	36	38.32	0.1
			Sg	36	42.89	
ELYF	0.42	318	Pg	36	39.98	0.0
EPF	0.72	75	Pg	36	45.50	0.0
			Sg	36	54.60	
S.D. = 0.1 on 7 of 7 obs.						
OCT 01, 1992 19h 14m 52.17± 2.98s						
6.820 N ±35.0km 72.674 W ±28.3km						
DEPTH = 173.4 ± 23.9 km						
3.9mb (2 obs.)						
NORTHERN COLOMBIA (99)						
SDV	2.88	44	iPnd	15	39.70	0.0
			iSn	16	21.70	
TOV	4.10	44	ePnc	15	55.60	0.5
			iPP	15	58.00	
			iSn	16	49.20	
CEOS	4.83	63	iP	16	04.70	0.1
			iS	17	04.90	
MORO	5.89	47	iP	16	17.90	-0.7
			eS	17	34.90	
CAR	6.76	57	eP	16	56.00	25.9X
GUAN	7.62	65	iP	16	41.60	0.0
ZOBO	23.40	169	eP	19	43.00	-4.3X
YKA	63.42	340	eP	24	59.70	-5.4X
	0.4s	0.70nm			3.9mb	
NB2	81.11	29	P	26	49.40	0.2
	0.6s	1.80nm			4.0mb	
WB2	150.71	241	iPKPd	34	19.80	-0.4
	0.4s	3.10nm				
WRA	150.72	241	PKP	34	20.40	0.2
	0.6s	0.80nm				
S.D. = 0.5 on 8 of 11 obs.						
OCT 01, 1992 19h 35m 50.58± 0.92s						
11.294 N ± 4.8km 125.603 E ± 8.0km						
DEPTH = 59.1 ± 8.9 km						
4.6mb (17 obs.)						
SAMAR, PHILIPPINE ISLANDS (251)						
Felt (II RF) at Pala, Leyte.						
PLP	0.63	258	iPc	36	03.20	-0.8
MAP	1.86	239	ePd	36	24.40	3.8X
			eS	36	54.40	
CGP	2.96	198	iPd	36	37.00	0.9
			iS	37	12.00	
BIP	3.12	168	iPc	36	38.50	0.2
QCP	5.52	307	ePd	37	16.00	3.8X
			eS	38	23.00	
BCP	7.03	317	eP	37	36.00	2.7X
CVP	7.35	331	eP	37	38.50	0.8
MKS	17.50	201	ePd	39	58.50	6.3X
SSE	20.12	349	Pc	40	22.00	-0.3
	0.8s	16.00nm			4.4mb	
NJ2	21.58	344	Pd	40	37.20	0.2
WHN	21.82	333	eP	40	42.00	2.5
			sP	40	55.50	
GYA	23.37	313	P	40	57.00	2.1
	1.0s	12.00nm			4.3mb	
KGM	23.95	249	ePd	41	02.50	2.0
MTN	24.60	167	eP	41	05.70	-1.0
IPM	25.23	257	ePc	41	14.10	1.4
	0.9s	37.70nm			4.9mb	
TIA	25.97	344	eP	41	18.70	-0.7
CHG	26.78	289	eP	41	26.50	-0.6
XAN	27.29	329	P	41	30.00	-1.6
	0.7s	6.30nm			4.3mb	
	20s	0.61um			4.2msz	
		pP		41	38.30	29kmX
CD2	28.12	317	eP	41	38.40	-0.7
TIY	28.84	338	eP	41	44.60	-0.9
BJI	29.82	345	eP	41	53.00	-1.2
SNY	30.47	357	eP	41	59.60	-0.2
	1.0s	25.00nm			4.9mb	
LZH	31.57	325	eP	42	10.00	0.1
	20s	0.54um			4.2msz	
HHC	31.93	340	eP	42	13.00	0.1
	25s	0.83um			4.3msz	
WRA	32.21	164	P	42	14.19	-1.2
CN2	32.39	360	eP	42	16.20	-0.5
		epP		42	27.50	42kmX
MDJ	33.38	5	eP	42	24.70	-0.6
ASPA	35.68	167	eP	42	45.10	-0.2
	0.4s	11.10nm			5.1mb	

GTA	36.17	325	P	42	50.00	0.6
	1.2s	10.00nm				4.6mb
CTA	37.23	147	iPc	42	58.00	-0.3
	1.0s	5.00nm				4.4mb
WARB	37.27	178	eP	42	59.00	0.5
GUN	40.69	300	P	43	27.66	0.2
PKI	41.00	299	P	43	29.20	-0.8
KKN	41.17	299	P	43	30.54	-0.7
	0.9s	66.00nm				5.4mb
DMN	41.27	299	P	43	31.44	-0.7
MRWA	41.33	193	eP	43	30.00	-2.2
GKN	41.77	300	P	43	35.18	-1.0
	0.4s	15.00nm				5.1mb
STKA	45.58	161	iPd	44	06.70	0.1
STK	45.58	161	P	44	07.30	0.7
HYB	45.90	283	eP	44	19.00	9.6X
WMQ	46.02	322	eP	44	09.20	-0.9
BRS	46.62	146	iPc	44	15.00	0.1
	0.7s	4.00nm				4.5mb
GBA	47.03	278	P	44	29.00	10.7X
YAK	50.72	3	iPc	44	45.90	-0.2
	1.0s	55.00nm				5.5mb
	20s	0.90um				4.8Msz
Z						
N	21s	0.80um				
		e		49	46.00	
		e		52	00.00	
DZM	52.00	130	iPc	44	56.90	0.4
MAIO	64.18	305	eP	46	21.00	-0.6
SVW	74.76	30	eP	47	27.39	1.5
	0.9s	9.17nm				4.7mb
IMA	75.98	25	eP	47	33.36	0.4
	1.2s	6.26nm				4.4mb
KAF	84.42	332	eP	48	17.40	-0.3
	0.6s	2.20nm				4.4mb
MBC	84.86	13	eP	48	20.50	0.8
	0.6s	2.00nm				4.4mb
NUR	85.59	331	eP	48	34.50	11.0X
	0.4s	4.20nm				
NB2	91.56	334	P	48	54.00	2.0
	0.7s	0.50nm				4.0mb
GEC2	95.49	322	P	49	21.80	11.4X
	0.7s	1.00nm				
ZOBO	165.77	112	PKP	55	52.00	0.8
	S.D. = 1.0	on	46 of	54 obs.		
<hr/>						
* OCT 01, 1992	20h	24m	50.39±	1.29s		
50.252 N	±19.9km	19.266 E	±	7.1km		
DEPTH = 10.0km				(geophysicist)		
POLAND				(548)		
<hr/>						
OJC	0.34	95	ePg	24	57.70	0.2
			iSg	25	06.10	
SPC	1.24	149	iPn	25	13.20	-0.4
			e(Sg)	25	33.20	
VRAC	1.97	242	iPnc	25	18.20	-5.9X
	0.6s	19.10nm				
			eSg	25	41.90	
PRU	3.05	267	eP	25	38.50	-1.0
			eSg	26	14.50	
KHC	3.86	255	ePn	25	51.00	-0.1
			ePg	26	01.50	
			eSg	26	41.50	
GEC2	3.89	251	Pg	25	52.80	1.3
			Sg	26	37.40	
	S.D. = 1.2	on	5 of	6 obs.		
<hr/>						
& OCT 01, 1992	20h	47m	36.48s			
34.356 N		116.450 W				
DEPTH = 1.0km						
SOUTHERN CALIFORNIA				(43)		
<PAS->. ML 3.1				(PAS). 2.8 (GS).		
<hr/>						
PEC	0.75	232	ePn	47	50.66	-0.8
			S	47	59.80	
GSC	0.99	343	ePn	47	55.01	-1.1
			S	48	08.44	
SSK	1.04	262	ePnc	47	55.81	-1.3
			S	48	10.44	
PLM	1.06	199	eP	47	56.10	-1.3
			S	48	10.44	
GLA	1.88	133	ePn	48	07.24	-2.8
ISA	2.11	309	ePn	48	11.61	-1.9
ABL	2.34	283	ePn	48	14.91	-2.0
TPNV	2.59	4	ePn	48	19.09	-1.3
BCH	3.10	286	(Pn)	48	26.89	-0.8
TNP	3.77	351	(Pn)	48	36.53	-0.7
			iPa	48	46.79	

BONR 3.89 338 (P) 48 37.10 -1.9
ARUT 4.20 35 eP 48 41.50 -1.8
12 obs. associated

& OCT 01, 1992 20h 52m 30.92s
63.282 N 151.135 W
DEPTH = 14.3km
CENTRAL ALASKA (1)
<AEIC>. ML 3.2 (AEIC), 3.4 (PMR).

KTH	0.29	19	iP	52	37.01	-0.3
			eS	52	41.55	
TRF	0.42	66	iP	52	39.51	-0.2
HUR	0.75	113	iP	52	45.11	0.0
			eS	52	55.62	
RND	1.04	82	iP	52	50.15	0.0
MCK	1.09	64	eP	52	51.00	0.1
SKT	1.32	188	iP	52	54.57	-0.3
			eS	53	11.99	
NEA	1.59	34	eP	52	59.57	1.0
			eS	53	20.86	
PWA	1.74	160	P	53	00.40	-0.4
MLY	1.76	5	eP	53	00.44	-0.8
WRH	1.80	47	eP	53	00.81	-0.9
			eS	53	27.27	
GHO	1.83	145	eP	53	01.73	-0.5
SUA	1.83	174	iP	53	02.26	0.0
PLRM	1.94	150	eP	53	03.50	-0.1
PMR	1.94	150	ePn	53	03.21	-0.4
NCG	1.94	195	eP	53	03.57	-0.3
SML	1.97	137	eP	53	03.56	-0.6
CCB	2.01	46	eP	53	03.27	-1.4
CGLM	2.02	192	eP	53	04.82	-0.2
CRP	2.08	194	ePc	53	05.55	-0.3
			S	53	32.81	
BGL	2.11	197	ePnd	53	06.16	-0.1
			S	53	33.16	
CKN	2.12	194	iP	53	06.92	0.5
CKT	2.15	194	eP	53	06.66	-0.2
SPU	2.15	192	eP	53	06.19	-0.7
CKL	2.17	196	eP	53	07.42	0.3
HDA	2.17	57	eP	53	06.99	-0.1
PMS	2.17	159	P	53	07.50	0.3
FBA	2.19	41	eP	53	09.66	2.3
			S	53	37.68	
TTA	2.25	263	ePnc	53	05.59	-2.6
			S	53	37.94	
KNK	2.25	145	eP	53	08.55	0.3
BKG	2.28	194	eP	53	08.72	0.0
SCM	2.29	128	eP	53	08.64	-0.2
GLM	2.37	42	eP	53	09.33	-0.6
THY	2.43	84	eP	53	12.05	1.3
DJE	2.55	70	eP	53	13.60	1.2
NKA	2.55	181	eP	53	15.41	3.0
TOA	2.57	115	P	53	13.30	0.4
PAX	2.59	94	eP	53	13.80	0.6
PTE	2.62	157	eP	53	13.65	0.2
SDG	2.67	104	eP	53	14.80	0.6
RDT	2.78	193	eP	53	15.43	-0.4
DFR	2.80	196	eP	53	16.06	0.0
SLKM	2.82	171	ePn	53	16.41	0.1
NCT	2.86	198	eP	53	17.38	0.4
RDN	2.88	196	eP	53	19.30	2.0
REF	2.90	196	eP	53	17.57	0.0
RDW	2.92	197	eP	53	18.00	0.1
MPA	2.93	163	eP	53	18.84	1.1
RS2	2.93	196	eP	53	20.19	2.1
RSO	2.93	196	eP	53	18.86	0.8
RS1	2.93	196	eP	53	19.79	1.7
RED	2.98	196	eP	53	19.58	1.0
IMA	3.00	340	eP	53	17.58	-1.4
			S	54	03.33	
KLU	3.02	124	eP	53	19.84	0.7
SVW	3.03	226	eP	53	17.16	-2.1
			S	54	02.79	
GLI	3.07	140	eP	53	20.49	0.7
VLZ	3.12	132	eP	53	20.59	0.2
DOT	3.20	80	eP	53	22.99	1.3
SEW	3.29	165	eP	53	25.50	2.6
KNIM	3.36	150	eP	53	23.10	-0.8
FID	3.36	137	eP	53	24.10	0.2
GLB	3.88	115	eP	53	32.11	0.7
SCAM	3.96	132	eP	53	32.34	0.0
FYU	4.14	35	eP	53	33.99	-1.0
CDD	4.53	197	eP	53	40.77	0.2
CROM	4.54	120	eP	53	41.03	0.2

TGL 4.66 119 eP 53 42.58 0.0
BALM 4.70 115 eP 53 42.75 -0.3
SYI 4.73 188 eP 53 44.37 1.0
WAX 4.84 122 eP 53 45.12 0.1
69 obs. associated

% OCT 01, 1992 21h 46m 28.91 ± 1.17s
43.044 N ± 8.5km 18.765 E ± 7.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.4 (TTG).

BRY	0.22	229	iPg	46	33.74	0.1
			iSg	46	36.58	
NKY	0.29	143	iPg	46	35.05	0.1
			iSg	46	39.73	
PLE	0.54	58	iPg	46	39.85	-0.1
			iSg	46	48.04	
TTG	0.71	149	iPg	46	42.94	0.0
			iSg	46	53.64	
BDV	0.76	176	iPg	46	43.63	-0.2
			iSg	46	55.04	
IVA	0.85	101	iPg	46	45.42	0.1
			iSg	46	58.35	

S.D. = 0.1 on 6 of 6 obs.

* OCT 01, 1992 22h 09m 00.02 ± 0.88s
10.856 N ± 12.2km 86.655 W ± 14.8km
DEPTH = 26.1km (2 depth phases)
4.7mb (5 obs.)
OFF COAST OF COSTA RICA (77)
MD 4.6 (SJR).

JCR	1.82	123	ePc	09	28.07	-2.0
SJS	2.72	109	ePc	09	44.00	1.0
LCR2	2.83	113	ePc	09	45.52	0.8
OCR	2.83	120	ePc	09	43.90	-0.6
			eS	10	15.64	
BUS	3.13	114	eP	09	49.68	0.5
			eS	10	26.02	
ACR	4.07	122	ePc	10	01.73	-0.5
PRM	23.45	9	(P)	14	08.90	0.7
JSC	23.83	11	eP	14	12.38	0.5
LHS	24.11	12	eP	14	15.07	0.4
MIAR	24.41	346	eP	14	17.97	0.4
			0.8s	6.76nm	4.3mb	
CEH	25.85	14	ePd	14	31.17	0.0
			0.5s	20.21nm	5.0mb	
			e	14	37.71	23km
ALO	30.00	326	eP	15	09.00	-0.2
			1.0s	2.50nm	4.0mb	
LVNJ	31.63	17	eP	15	21.83	-1.3
JFWS	32.09	355	eP	15	24.79	-2.4
			0.8s	17.91nm	5.0mb	
ZOBO	32.61	146	eP	15	34.00	1.4
RSNY	35.16	15	eP	15	52.01	-1.7
			0.8s	9.39nm	4.8mb	
SRU	35.27	327	eP	15	52.26	-2.7
EEO	36.24	9	eP	16	04.50	1.7
SIV	36.78	136	eP	16	09.00	1.3
BW06	37.54	332	eP	16	16.50	2.4
LMN	39.55	24	eP	16	32.00	1.4
ULM	40.01	351	eP	16	34.00	-0.3
LRM	41.21	332	eP	16	45.40	0.8
BAO	46.46	124	Pd	17	26.00	-1.1
			e	17	34.70	29km
			e	17	40.50	
BDF	46.54	124	Pd	17	27.50	-0.3
CHG	150.01	349	ePKP	28	50.00	4.5X
GBA	151.02	33	PKP	28	52.00	4.9X

S.D. = 1.4 on 25 of 27 obs.

* OCT 01, 1992 23h 38m 40.13 ± 1.13s
30.366 N ± 8.2km 138.554 E ± 10.9km
DEPTH = 445.0 ± 12.8 km
4.3mb (13 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	6.23	357	(P)	40	17.00	-0.5
			1.1s	20.25nm	4.2mb	
			eS	41	32.00	
MDJ	15.94	336	eP	42	01.60	-0.6
			1.0s	18.00nm	4.5mb	
SNY	16.67	318	Pc	42	09.80	0.3
			0.8s	11.00nm	4.4mb	
CN2	17.02	326	eP	42	15.30	2.3
XAN	25.32	286	P	43	30.80	-0.4

	0.7s	5.20nm		4.1mb		
GYA	28.27	270	P	43	57.00	-0.5
	1.0s	9.60nm		4.2mb		
CHG	37.62	262	ePd	45	17.20	0.6
	1.0s	15.50nm		4.4mb		
GUN	45.75	281	P	46	22.10	0.1
KKN	46.29	281	P	46	25.40	-0.6
DMN	46.49	281	P	46	27.30	-0.3
WB2	50.12	185	eP	46	54.70	-0.1
	0.4s	11.00nm		4.5mb		
WRA	50.12	185	P	46	55.20	0.4
	0.6s	4.90nm		4.0mb		
ASPA	53.85	185	eP	47	21.90	0.0
	0.4s	9.60nm		4.5mb		
KAF	73.19	333	iP	49	25.00	-0.4
	0.4s	2.80nm		4.2mb		
NUR	74.76	332	iP	49	34.10	-0.1
	0.3s	2.90nm		4.4mb		
HFS	79.21	335	eP	49	57.90	-0.5
	0.4s	1.80nm		4.1mb		
NB2	79.44	337	P	49	59.60	-0.1
	0.6s	2.10nm		4.0mb		
LRM	80.67	42	eP	50	07.00	0.3

S.D. = 0.7 on 18 of 18 obs.

% OCT 02, 1992 00h 16m 12.03 ± 0.63s
39.735 N ± 5.5km 27.771 E ± 6.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC	0.62	7	iPg	16	23.70	-0.7
			iSg	16	34.50	
BNT	0.63	10	iPg	16	23.40	-1.3
			iSg	16	32.40	
KCT	0.68	41	iPg	16	24.40	-1.2
			iSg	16	32.90	
MFT	1.12	341	iPg	16	33.40	0.4
			eSg	16	49.00	
EZN	1.12	275	iPg	16	33.30	0.3
IZM	1.39	197	iPn	16	37.00	-0.5
YLV	1.48	55	ePn	16	38.00	-0.8
CTT	1.50	19	iPn	16	39.90	1.0
ISK	1.65	36	iPn	16	41.40	0.2
HRT	1.81	53	ePn	16	44.40	0.8
KHL	1.96	135	ePn	16	45.50	-0.3
EYL	2.01	65	ePn	16	48.00	1.5
DMK	2.09	360	ePn	16	48.00	0.6

S.D. = 1.0 on 13 of 13 obs.

? OCT 02, 1992 01h 24m 10.60 ± 3.65s
51.352 N ± 23.9km 177.749 W ± 47.4km
DEPTH = 33.0km (normal)
3.9mb (4 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	0.85	51	iPc	24	26.48	0.3
			S	24	41.13	
SLKM	17.81	48	eP	28	16.67	-0.6
IMA	19.13	31	eP	28	33.61	0.2
	1.1s	4.71nm		3.6mb		
KLU	20.11	47	eP	28	43.95	-0.1
NEW	38.28	70	eP	31	29.50	0.2
	0.9s	6.14nm		4.4mb		
BW06	45.68	73	ePc	32	30.00	-0.1
	1.0s	3.33nm		4.2mb		
WRA	82.45	225	P	36	36.80	6.0X
	1.2s	0.30nm		3.2mb		

S.D. = 0.4 on 6 of 7 obs.

% OCT 02, 1992 01h 32m 48.62 ± 0.98s
36.650 N ± 12.8km 4.863 W ± 6.9km
DEPTH = 33.0km (normal)
STRAIT OF GIBRALTAR (385)
mbLg 2.3 (MDD).

MAL	0.37	78	iPnc	32	58.00	0.7
			iSg	33	05.80	
EPRU	0.43	317	ePg	32	57.80	-0.5
			eSg	33	06.00	
EPRU	0.43	317	ePg	32		

& OCT 02, 1992 02h 02m 00.42s
34.581 N 116.593 W
DEPTH = 3.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS).

GSC	0.74	346	eP	02	14.39	-0.8
PEC	0.83	215	ePc	02	15.82	-1.2
SSK	0.98	248	eP	02	18.52	-1.3
			eS	02	31.99	
PLM	1.24	190	eP	02	23.21	-1.1
ISA	1.88	306	ePnd	02	31.82	-2.0
			ePg	02	35.36	
GLA	2.12	136	ePn	02	34.27	-2.9
ABL	2.18	278	(P)	02	37.00	-1.3
TPNV	2.38	7	ePn	02	40.71	-0.4
			ePg	02	44.41	
TNP	3.53	352	(Pn)	02	53.72	-3.7
MEMM	3.62	329	(Pn)	02	54.99	-3.4
BONR	3.64	338	(P)	02	54.45	-4.6
ARUT	4.09	38	(P)	03	01.30	-4.1

12 obs. associated

? OCT 02, 1992 03h 51m 38.84±1.44s
13.045 N ±15.1km 143.763 E ±29.5km
DEPTH = 139.8 ± 19.8 km
4.9mb (6 obs.)
SOUTH OF MARIANA ISLANDS (210)

PJG	1.20	63	eP	52	04.80	0.0
GUA	1.22	66	iPd	52	05.10	0.1
			eS	52	23.50	
MAT	23.92	349	(P)	56	41.00	-0.1
WB2	34.06	196	iPd	58	11.70	-0.1
	0.5s	29.10nm			5.3mb	
ASPA	37.74	195	eP	58	42.70	-0.1
	0.6s	12.60nm			4.9mb	
MBL	41.33	215	eP	59	12.00	-0.4
	0.4s	10.00nm			4.8mb	
DZM	41.39	147	iPd	59	13.90	0.9
WARB	42.40	203	iPd	59	22.30	1.1
	0.3s	6.00nm			4.7mb	
ARMA	43.87	170	eP	59	30.50	-2.6
	0.6s	9.00nm			4.6mb	
TOO	50.37	178	iPd	00	24.90	1.3
	0.3s	14.00nm			5.2mb	

S.D. = 1.4 on 10 of 10 obs.

OCT 02, 1992 04h 18m 42.01±1.21s
51.148 N ±13.0km 15.843 E ±6.0km
DEPTH = 5.0km (geophysicist)
POLAND (548)
ML 2.9 (GRF).

KSP	0.42	137	iP	18	49.50	-0.9
			iS	18	57.50	
BRG	1.23	258	iPg	19	05.40	0.1
			iSg	19	25.40	
PRU	1.43	216	ePn	19	09.30	0.7
	0.9s	17.30nm				
			Pg	19	10.70	
			Sn	19	27.50	
			Sg	19	34.00	
CLL	1.79	276	ePg	19	14.00	0.2
			eSg	19	41.00	
VRAC	1.90	165	ePn	19	16.00	0.6
	0.7s	24.10nm				
			eSg	19	46.70	
KHC	2.49	217	ePn	19	24.00	0.1
			e	19	30.00	
			e	19	54.00	
			eSg	20	11.60	
OJC	2.68	109	eP	19	27.00	0.4
			eS	20	03.30	
MOX	2.72	261	iPg	19	33.70	6.5X
			iSg	20	14.00	
WET	2.77	225	ePn	19	27.90	0.0
GRF	3.30	246	ePn	19	34.10	-1.2
			ePg	19	46.80	
			eSg	20	32.00	

S.D. = 0.7 on 9 of 10 obs.

% OCT 02, 1992 04h 32m 35.51±1.50s
40.374 N ±6.4km 23.784 E ±14.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

MD 2.2 (THE).

PAIG	0.45	190	iPg	32	44.48	-0.2
			eSg	32	50.32	
SOH	0.55	324	iPg	32	46.28	-0.5
			eSg	32	53.64	
THE	0.68	293	ePg	32	48.04	-0.9
SRS	0.76	349	iPg	32	50.68	0.4
			eSg	33	02.00	
LIT	1.03	255	ePg	32	55.48	0.5
			eSg	33	07.80	
GRG	1.20	299	ePg	32	58.52	0.6
			eSg	33	14.52	

S.D. = 0.8 on 6 of 6 obs.

? OCT 02, 1992 05h 33m 11.83±3.22s
6.919 S ±33.8km 130.213 E ±21.8km
DEPTH = 228.0 ± 14.3 km
4.7mb (4 obs.)
BANDA SEA (280)

SLKI	1.51	135	iPc	33	48.50	0.1
			iS	34	13.50	
MTN	5.96	171	iPc	34	39.90	0.2
	0.3s	325.00nm			5.9mb	X
			eS	35	44.00	
KNA	8.89	189	eP	35	16.20	-1.2
	0.3s	29.00nm			5.0mb	X
			eS	36	50.00	
WB2	13.56	163	iPd	36	17.50	1.0
	0.2s	42.70nm			5.4mb	X
			eS	38	43.70	
DIS	16.33	147	iPc	36	56.90	6.5X
	0.3s	7.00nm			4.6mb	
			eS	39	54.50	
ASPA	17.03	168	eP	37	03.50	5.5X
	0.3s	15.40nm			4.9mb	
			eS	40	05.70	
MBL	17.36	214	eP	37	02.00	0.5
	0.3s	9.00nm			4.8mb	
			eS	40	03.00	
WARB	19.46	190	eP	37	29.00	5.7X
	0.3s	3.00nm			4.4mb	
			eS	41	01.00	
CTA	20.34	132	e(P)	37	31.50	-0.6
			e	37	41.00	
			eS	41	34.00	
CNCB	150.34	143	PKP	52	49.00	15.5X
LPB	150.48	142	ePKP	52	42.00	8.5X
ZOBO	150.65	142	PKP	52	49.00	15.0X

S.D. = 1.3 on 6 of 12 obs.

? OCT 02, 1992 06h 23m 55.27±1.92s
11.311 N ±34.1km 87.484 W ±57.5km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF NICARAGUA (74)

UYO	23.63	345	iPd	29	07.40	0.0
VVO	25.07	344	eP	29	22.00	0.7
SIO	25.61	343	e(P)	29	16.60	-9.8X
TUL	25.62	344	iP	29	27.10	0.6
	0.8s	28.00nm			5.0mb	X
RLO	25.67	346	e(P)	29	25.50	-1.5
EEO	35.93	10	eP	30	58.00	0.3
SIV	37.67	136	eP	31	13.00	0.3
BAO	47.38	124	Pc	32	31.70	-0.3
WRA	138.91	253	PKP	43	31.50	6.8X
	0.8s	0.20nm				

S.D. = 0.9 on 7 of 9 obs.

* OCT 02, 1992 06h 30m 34.59±0.49s
26.497 S ±10.0km 114.435 W ±14.1km
DEPTH = 19.9km (7 depth phases)
5.0mb (10 obs.) 4.6msz (9 obs.)
EASTER ISLAND REGION (685)

LPB	44.03	87	P	38	44.20	0.8
	Z 22s	1.85um			5.0msz	
		LR		51	36.00	
CNCB	44.04	87	P	38	44.70	1.1
ZOBO	44.09	86	Pc	38	43.60	-0.5
		LR		52	04.00	
SIV	50.52	89	(P)	39	24.00	-9.8X
ALQ	61.57	7	P	41	00.00	7.0X
	Z 20s	0.41um			4.6msz	
TPNV	63.13	358	(P)	41	04.69	1.4
	0.7s	5.52nm			4.8mb	

SPA	63.66	180	ePc	41	06.40	-0.2
	1.1s	2.30nm			4.2mb	
ARUT	63.95	1	eP	41	09.56	0.9
		epP		41	16.10	21km
VVO	63.99	17	e(P)	41	13.70	4.9X
BONR	64.21	357	eP	41	11.39	0.8
SIO	64.23	16	e(P)	41	11.90	1.5
TNP	64.29	358	eP	41	11.95	1.0
	1.1s	10.41nm			4.9mb	
TUL	64.52	17	eP	41	11.80	-0.4
	0.8s	6.80nm			4.8mb	
Z	18s	0.25um			4.4msz	
		LR		03	13.00	

MSU	64.70	2	eP	41	14.29	0.6
PV10	64.73	5	eP	41	14.19	0.3
RLO	64.96	17	eP	41	14.80	-0.3
SRU	65.37	3	eP	41	17.02	-0.9
		epP		41	24.01	22km
OLY	65.37	20	eP	41	17.41	-0.4
		epP		41	23.28	19km
DUG	66.36	1	eP	41	25.12	0.9
	0.9s	9.29nm			4.9mb	
		e		41	30.89	19km
GOL	66.39	8	P	41	30.00	5.4X
Z	19s	0.61um			4.8msz	

DAU	66.63	3	eP	41	26.78	0.7
ELC	67.73	22	eP	41	30.68	-2.0
LBFM	67.85	354	eP	41	32.96	-0.7
FVM	67.98	20	eP	41	34.26	-0.1
	0.9s	9.54nm			4.9mb	
BW06	69.07	4	eP	41	39.40	-1.9
	1.5s	27.46nm			5.2mb	
HAI	69.47	2	eP	41	43.98	0.4
CEH	70.45	30	P	42	00.00	10.5X
Z	22s	0.25um			4.4msz	

RSSD	70.91	8	eP	41	52.54	0.1
	1.0s	12.56nm			5.0mb	
Z	20s	0.44um			4.7msz	
		epP		41	58.63	20km
PDCR	71.49	95	(P)	42	06.00	9.7X
LRM	71.99	1	eP	41	58.70	-0.2
JFWS	72.57	18	P	42	10.00	7.9X
Z	21s	0.36um			4.6msz	

RMW	73.91	355	(P)	42	10.19	0.3
		epP		42	16.53	20km
DPW	74.10	357	(P)	42	12.04	1.1
		(pP)		42	18.00	19km
NEW	74.45	358	eP	42	11.69	-1.3
	1.3s	51.89nm			5.4mb	
SES	76.61	2	eP	42	26.00	0.8
RSNY	79.55	28	eP	42	39.61	-1.9
	1.1s	23.15nm			5.1mb	
Z	19s	0.12um			4.2msz	

MAW	86.17	179	P	43	16.10	0.9
PMR	92.14	344	P	43	50.00	6.7X
Z	19s	0.5Bum			5.0msz	
MDJ	126.22	307	ePKP	49	36.00	-1.3
XAN	142.03	292	ePKP	50	02.40	-4.9X
OBN	144.47	29	ePKP	50	09.00	-1.7
	2.0s	160.00nm				
		e		50	11.00	
		e		50	20.00	

NST	146.10	258	ePKP	50	16.50	1.9
LZH	146.10	296	ePKP	50	14.00	-0.3
		sPKP		50	25.00	
CD2	146.32	287	ePKP	50	13.50	-1.2
KMI	146.58	276	PKPc	50	17.00	1.5
		sPKP		50	26.00	
CHG	148.33	263	ePKP	50	21.00	2.8X
GTA	148.70	303	PKP	50	21.00	2.6X
		pPKP		50	27.00	
WMO	155.10	320	ePKP	50	25.70	-1.7

S.D. = 1.1 on 37 of 48 obs.

? OCT 02, 1992 07h 02m 26.19±4.21s
21.853 S ±49.1km 172.757 E ±40.9km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
LOYALTY ISLANDS REGION (189)

DZM	5.86	267	iPc	03	53.10	-0.1
		iS		04	58.10	
RMO						

0.9s 14.50nm 4.9mb
WB2 35.87 266 iPd 09 25.10 -0.1
0.6s 4.70nm 4.6mb
EKA 146.43 356 PKPd 22 13.50 9.8X
1.1s 5.90nm
GEC2 148.32 333 PKP 22 14.40 7.3X
0.7s 0.51nm
S.D. = 0.4 on 5 of 7 obs.

OCT 02, 1992 07h 05m 05.00±0.27s
51.034 N ± 6.3km 177.771 W ± 3.1km
DEPTH = 33.0km (normal)
4.9mb (55 obs.) 4.4MsZ (5 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 1.09 38 ePd 05 24.34 0.4
SMY 5.31 292 (Pn) 06 24.35 0.3
SDN 11.22 61 eP 07 45.80 -0.1
SVW 15.87 42 eP 08 49.77 2.5
0.9s 187.90nm 5.2mb
KDC 16.12 56 eP 08 46.18 -4.2X
0.8s 23.86nm 4.4mb
TTA 16.70 36 eP 08 58.16 0.4
0.9s 19.58nm 4.2mb
BGL 17.34 44 eP 09 06.55 0.7
CRP 17.44 44 iPd 09 08.35 1.2
pP 09 20.23
SPU 17.45 45 eP 09 08.35 1.2
SLKM 18.04 48 eP 09 12.69 -1.7
PMS 18.59 46 eP 09 20.90 -0.3
0.8s 32.70nm 4.6mb
PMR 18.91 45 eP 09 25.20 0.2
1.1s 28.78nm 4.4mb
IMA 19.42 30 ePc 09 29.88 -1.2
1.1s 23.34nm 4.4mb
KLU 20.33 47 eP 09 39.37 -1.4
TOA 20.40 45 eP 09 42.50 1.0
FBA 20.83 37 eP 09 44.67 -1.1
1.0s 6.30nm 4.0mb
BALM 21.90 49 eP 09 58.94 2.1
MBC 33.69 22 eP 11 43.50 -0.9
1.0s 6.00nm 4.5mb
MAT 34.38 262 eP 11 51.00 0.2
1.7s 50.00nm 5.2mb
YKA 35.00 46 eP 11 54.10 -1.8
0.9s 5.80nm 4.5mb
GMW 35.33 74 ePc 11 59.63 0.8
RMW 35.96 73 ePc 12 04.85 0.5
LON 36.29 74 eP 12 07.40 0.4
DPW 37.94 71 eP 12 21.02 0.2
CN2 38.25 282 eP 12 22.50 -0.9
Z 20s 0.36um 4.2MsZ
NEW 38.40 70 eP 12 25.29 0.6
0.8s 32.50nm 5.2mb
LBFM 39.01 82 eP 12 31.17 1.0
SNY 40.47 280 Pd 12 38.30 -3.6X
SES 40.93 64 eP 12 45.00 -0.6
pP 13 01.00 63kmX
LRM 42.38 71 eP 12 57.30 -0.5
e 13 10.10
HHA1 43.79 74 eP 13 10.50 1.3
PTI 44.04 74 iPd 13 12.55 1.3
TPNV 45.15 83 (P) 13 20.25 0.0
0.9s 16.29nm 4.9mb
DUG 45.31 77 iPd 13 21.74 0.3
1.0s 5.88nm 4.4mb
BW06 45.79 73 iPc 13 25.39 0.1
1.0s 28.33nm 5.1mb
iP 13 37.50 44kmX
GSC 45.83 86 eP 13 26.02 0.5
pP 13 37.49 41kmX
BJI 46.08 283 eP 13 17.50 -9.8X
MSU 46.72 79 eP 13 31.90 -0.8
pP 13 44.72 47kmX
SRU 47.38 77 eP 13 37.92 0.1
pP 13 50.00 43kmX
RSSD 48.29 68 P 13 44.45 -0.5
0.6s 3.03nm 4.5mb
HHC 48.41 287 P 13 46.80 1.1
PV10 48.74 77 eP 13 49.00 0.5
BTO 49.49 288 eP 13 54.00 -0.1
TIY 49.81 283 eP 13 57.00 0.5
Z 20s 0.38um 4.4MsZ
GOL 50.16 73 eP 13 59.80 0.4
0.8s 6.98nm 4.7mb
pP 14 11.98 44kmX
LZH 56.10 287 eP 14 43.50 0.1

1.5s 54.00nm 5.4mb
Z 19s 0.35um 4.5MsZ
sP 14 58.50
GTA 56.30 293 P 14 44.00 -0.7
1.5s 56.00nm 5.4mb
Z 20s 0.58um 4.7MsZ
pP 14 50.00 20kmX
sP 14 54.00
JFWS 56.90 61 eP 14 46.84 -2.0
1.0s 18.74nm 5.1mb
SIO 58.18 71 eP 15 09.00 11.1X
TUL 58.38 71 eP 14 57.70 -1.6
0.8s 8.40nm 4.9mb
Z 16s 0.26um 4.4MsZ
e 15 09.60
LR 29 31.00
RLO 58.66 70 eP 14 59.50 -1.8
VVO 58.80 71 e(P) 15 01.60 -0.6
EEO 60.25 52 eP 15 13.50 1.4
MIAR 60.63 70 eP 15 14.00 -0.8
0.8s 3.04nm 4.5mb
pP 15 26.07 42kmX
GYA 61.00 277 P 15 16.80 -0.8
OLY 61.21 68 eP 15 17.30 -1.4
ELC 61.28 65 eP 15 17.31 -1.9
pP 15 28.43 38kmX
GBTN 65.28 63 iPd 15 44.55 -1.0
pP 15 56.99 43kmX
LMN 67.52 44 eP 16 01.50 1.9
JSC 67.95 63 eP 16 01.75 -0.7
pP 16 14.70 45kmX
CEH 67.96 60 ePd 16 02.45 -0.1
0.9s 9.31nm 4.9mb
pP 16 14.45 41kmX
NB2 68.05 355 P 16 01.00 -1.8
1.0s 8.40nm 4.8mb
UPP 68.76 352 iP 16 05.60 -1.5
HFS 68.80 354 eP 16 06.40 -1.0
0.3s 0.50nm 4.0mb
OBN 70.43 340 eP 16 16.50 -0.8
1.0s 35.00nm 5.4mb
e 16 17.20
CHG 71.43 277 eP 16 22.50 -1.5
GUN 72.59 293 P 16 31.74 0.6
KKN 73.03 293 P 16 34.16 0.6
PKI 73.12 293 P 16 34.48 0.2
GKN 73.24 294 P 16 34.76 0.0
DMN 73.26 293 P 16 35.98 1.0
EKA 73.91 3 Pd 16 37.80 -0.1
1.0s 14.40nm 4.9mb
CLL 77.62 353 eP 16 58.00 -1.1
1.0s 8.00nm 4.7mb
MOX 78.38 354 eP 17 04.00 0.7
1.5s 18.00nm 4.9mb
GRF 79.36 354 ePc 17 09.10 0.5
1.1s 25.00nm 5.1mb
Z 20s 0.10um 4.2MsZ
MAIO 79.56 316 eP 17 17.00 7.0X
KHC 79.74 352 eP 17 10.50 -0.2
1.0s 5.40nm 4.5mb
e 17 36.00
GEC2 80.02 352 P 17 12.00 -0.3
0.8s 2.94nm 4.3mb
FLN 80.56 2 eP 17 14.60 -0.4
1.1s 30.05nm 5.2mb
LDF 80.73 2 iPc 17 15.40 -0.5
0.9s 24.55nm 5.2mb
CDF 80.84 357 eP 17 16.40 -0.2
0.8s 7.10nm 4.7mb
GRR 80.92 2 eP 17 16.70 -0.2
1.0s 31.80nm 5.3mb
LPF 81.28 2 eP 17 18.80 0.0
0.9s 14.40nm 5.0mb
HAU 81.28 357 eP 17 18.70 -0.1
0.7s 9.15nm 4.9mb
BSF 81.44 357 eP 17 19.30 -0.5
KBA 81.80 352 iPc 17 21.90 0.1
0.8s 23.00nm 5.3mb
LOR 82.07 359 eP 17 22.90 -0.1
1.0s 14.00nm 5.0mb
WRA 82.22 225 P 17 23.90 -0.1
0.7s 0.80nm 3.9mb X
SSF 82.28 359 iPc 17 24.10 0.1
1.2s 20.85nm 5.1mb
LBF 82.35 359 iPc 17 24.20 -0.3
0.9s 6.20nm 4.7mb
AVF 82.55 359 iPc 17 25.50 0.1

1.0s 10.60nm 4.9mb
SMF 82.69 359 iPc 17 26.20 0.0
1.1s 22.95nm 5.2mb
MFF 82.72 2 eP 17 26.50 0.2
0.9s 21.45nm 5.2mb
BGF 82.79 360 eP 17 26.70 0.0
0.9s 10.00nm 4.9mb
TCF 83.06 0 iPc 17 28.10 0.0
1.1s 13.65nm 5.0mb
LSF 83.10 0 eP 17 28.30 0.0
0.8s 10.90nm 5.0mb
MAF 83.13 360 eP 17 28.70 0.2
0.9s 7.85nm 4.8mb
LPG 83.77 357 eP 17 32.90 0.8
1.3s 10.85nm 4.8mb
LSD 83.80 357 P 17 33.23 1.0
RJF 84.04 1 eP 17 33.30 0.2
1.1s 17.10nm 5.1mb
RSP 84.10 356 P 17 34.35 0.8
RRL 84.35 357 P 17 36.00 1.0
BOB 84.38 355 P 17 35.70 0.8
LFF 84.40 1 eP 17 35.20 0.3
1.1s 40.55nm 5.5mb
CAF 84.42 0 eP 17 35.50 0.4
1.0s 16.20nm 5.2mb
PCP 84.65 355 P 17 36.00 -0.2
LPO 84.66 1 eP 17 36.50 0.3
1.1s 32.70nm 5.4mb
PZZ 84.75 357 P 17 36.51 -0.4
MME 84.87 354 P 17 39.00 1.4
ROB 84.93 356 P 17 37.23 -0.4
HYB 84.94 291 eP 17 38.00 -0.1
FIN 85.00 356 P 17 36.82 -1.1
STV 85.00 356 P 17 37.23 -0.8
ENR 85.01 356 P 17 37.12 -1.0
SFI 85.06 353 P 17 39.90 1.7
PGD 85.11 353 P 17 40.10 1.4
IMI 85.31 356 P 17 39.28 -0.3
ASPA 85.68 223 P 17 41.79 0.3
FRF 85.71 357 eP 17 41.50 0.0
SKO 85.87 346 eP 17 43.00 0.7
LMR 85.94 357 eP 17 42.80 0.2
1.1s 13.65nm 5.1mb
PGF 86.61 355 iPc 17 46.10 0.0
0.9s 21.45nm 5.4mb
MAW 146.60 217 iPKPc 24 42.80 1.3
1.0s 16.00nm
SLR 147.83 312 ePKP 24 46.20 1.2
BLF 151.67 312 ePKP 24 40.00 -0.8X
S.D. = 0.9 on 119 of 125 obs.

? OCT 02, 1992 07h 06m 41.59±2.31s
22.066 S ±22.2km 68.142 W ±37.0km
DEPTH = 33.0km (normal)

NORTHERN CHILE (123)

ANT 2.66 232 eP 07 23.00 0.0
iS 07 51.00
CCH 5.03 22 eP 07 57.00 0.0
CNCB 5.23 2 P 08 00.10 0.0
LPB 5.50 0 P 08 04.30 0.5
ZOBO 5.75 0 eP 08 07.00 -0.4
ARE 6.41 330 e(P) 08 11.00 -5.5X
SIV 9.01 49 P 08 49.40 -3.1X
S.D. = 0.5 on 5 of 7 obs.

* OCT 02, 1992 07h 19m 41.86±1.46s
39.672 N ±13.4km 27.877 E ±7.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC 0.67 359 iPg 19 55.50 0.3
iSg 20 05.50
KCT 0.68 32 iPg 19 55.20 -0.2
iSg 20 05.70
BNT 0.68 3 iPg 19 55.20 -0.2
iSg 20 05.20
EZN 1.21 278 ePn 20 04.30 0.0
YLV 1.45 52 ePn 20 09.20 1.0
CTT 1.53 16 ePn 20 09.20 -0.1
EYL 1.96 62 ePn 20 15.00 -0.6
S.D. = 0.6 on 7 of 7 obs.

& OCT 02, 1992 07h 19m 57.35s
34.602 N 116.635 W
DEPTH = 3.5km
4.1mb (6 obs.)

02d 07h

SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 4.3 (PAS), 4.4 (GS).
 Felt (IV) at Apple Valley and La
 Quinta. Also felt at
 Victorville.

GSC	0.71	349	iPc	20	10.88	-0.7
PEC	0.83	212	iPc	20	12.75	-1.2
SSK	0.96	246	P	20	15.22	-1.1
PLM	1.26	189	iPc	20	20.63	-0.8
ISA	1.84	306	iPd	20	28.42	-1.7

ABL	2.14	277	iPnc	20	32.42	-2.2
			iPg	20	36.28	
			eS	21	05.56	

TPNV	2.36	8	ePnd	20	36.96	-0.8
			S	21	13.44	

BCH	2.89	283	ePn	20	43.27	-2.0
PKEM	3.19	298	ePn	20	48.23	-1.1
			ePg	20	55.70	

PHAM	3.32	293	ePn	20	49.41	-1.8
			eS	21	46.75	

FRI	3.45	315	iPd	20	51.62	-1.4
			eS	21	45.73	

TNP	3.50	352	iPnd	20	52.90	-1.1
			iPg	21	01.61	

MEMM	3.58	329	ePn	20	54.73	-0.1
			ePg	21	03.17	

BONR	3.61	339	ePnd	20	54.77	-0.8
			iPg	21	04.47	

PRI	3.63	296	eP	20	53.34	-2.4
LLA	4.04	301	iPd	20	59.57	-1.9
ARUT	4.10	38	iPnc	21	01.20	-1.1

			ePg	21	15.77	
			eS	22	06.32	

PRS	4.23	295	iPd	21	01.01	-3.1
SAO	4.47	300	eP	21	05.14	-2.4
CMB	4.57	320	eP	21	08.00	-1.0

KVN	4.59	346	ePn	21	08.31	-1.1
			ePg	21	24.12	

ARN	4.83	306	eP	21	10.66	-2.0
MSU	5.30	41	iPc	21	18.47	-1.1
TUC	5.40	113	iPnc	21	16.71	-4.1

			ePg	21	38.39	
			eS	22	48.79	

PCC	5.48	304	ePd	21	19.65	-2.2
BKS	5.58	307	eP	21	20.86	-2.4
ZSP	5.63	308	eP	21	21.23	-2.8

NTYM	6.15	310	iPc	21	28.65	-2.6
ORV	6.29	323	eP	21	34.06	0.8
DUG	6.36	27	ePn	21	32.86	-1.5

			ePg	21	57.70	
			iPc	21	38.74	0.2

SRU	6.65	46	iPc	21	43.40	0.3
EMUT	6.97	40	iPc	21	45.00	-1.1
PV10	7.18	56	eP	21	45.21	-1.2

DAU	7.20	35	eP	21	57.01	0.9
LBFM	7.91	330	eP	22	02.20	-0.6
ALO	8.38	85	P	22	02.20	-0.6

	0.8s	1.51nm			4.3mb X	
PTI	8.90	21	ePn	22	10.09	0.2
			eS	24	38.05	

HHA1	9.29	20	ePnc	22	17.12	1.9
			ePg	22	54.09	
			eS	24	56.64	

BW06	9.86	32	eP	22	23.00	-0.2
GOL	10.33	57	ePn	22	28.61	-1.1
			ePg	23	10.44	

			eS	25	26.36	
VGB	11.35	345	eP	22	42.99	-0.4
LRM	11.65	15	eP	22	51.00	3.3

SHW	12.33	341	(P)	22	57.18	0.4
LON	12.75	344	eP	23	04.52	2.2
RMW	13.42	345	eP	23	12.64	1.4

RSSD	13.60	42	eP	23	11.77	-2.0
SES	16.31	13	eP	23	51.00	2.2
TUL	17.08	80	e(P)	23	58.70	0.1

	1.0s	11.90nm			4.0mb	
		Lg		28	57.60	
VVO	17.15	82	e(P)	24	01.50	2.0

JFWS	22.12	60	(P)	24	55.52	0.0
	0.8s	8.02nm			4.2mb	
ELC	22.32	75	eP	24	55.95	-1.6
IMA	38.31	337	eP	27	17.89	-2.8
	1.0s	2.25nm			3.8mb	
MBC	41.75	359	eP	27	51.00	2.2
	1.0s	4.00nm			4.1mb	
	58 obs.	associated				

& OCT 02, 1992 07h 28m 55.71s
 34.601 N 116.630 W

DEPTH = 3.4km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS), 2.3 (GS).

GSC	0.71	348	ePn	29	09.14	-0.8
PEC	0.83	212	ePc	29	12.19	-0.1
SSK	0.96	246	ePn	29	13.47	-1.3

PEM	1.11	247	eP	29	16.21	-1.0
			S	29	31.62	

VPD	1.22	230	ePc	29	18.25	-0.8
			S	29	34.86	

MWC	1.24	253	eP	29	18.65	-0.8
			S	29	34.97	

PLM	1.26	189	eP	29	18.86	-1.0
PAS	1.35	251	eP	29	20.65	-0.7
			S	29	38.50	

GFP	1.47	252	eP	29	22.60	-0.4
SCY	1.59	252	eP	29	24.77	0.0
			S	29	46.04	

ABL	2.15	277	eP	29	30.59	-2.5
TPNV	2.36	7	eP	29	35.81	-0.3
	12 obs.	associated				

& OCT 02, 1992 07h 45m 51.30s
 50.597 N 129.986 W

DEPTH = 10.0km (geophysicist)
 VANCOUVER ISLAND REGION (25)
 <PGC-P>. ML 3.5 (PGC).

PHC	1.63	85	Pc	46	20.06	0.0
			S	46	41.14	

BBB	1.98	36	P	46	24.60	-0.5
			S	46	49.50	

EDB	1.98	110	P	46	24.28	-0.9
ETB	2.54	117	P	46	32.12	-1.0

GDR	2.67	106	P	46	34.38	-0.7
CBB	3.02	99	P	46	40.09	0.2

BTB	3.09	110	P	46	40.45	-0.7
OZB	3.34	118	P	46	43.27	-1.4

MGB	3.78	113	P	46	49.64	-1.4
SHB	4.06	102	P	46	54.57	-0.3
PFB	4.14	117	P	46	54.77	-1.1

ODW	4.76	125	P	47	05.26	0.5
STW	4.80	118	P	47	05.33	0.0

BLN	5.27	117	P	47	12.51	0.5
OHW	5.37	112	P	47	14.24	0.9

HDW	5.42	120	P	47	14.63	0.4
SMW	5.47	124	P	47	15.41	0.6
MBW	5.55	106	P	47	16.81	0.7

CMW	5.57	110	P	47	16.84	0.6
PGW	5.58	117	P	47	17.32	1.0

JCW	5.78	111	P	47	19.46	0.3
CPW	5.80	126	P	47	20.16	0.7

RPW	5.92	108	P	47	21.70	0.5
HTW	6.07	114	P	47	23.85	0.6

RMW	6.23	117	P	47	26.63	1.1
RVC	6.44	122	P	47	29.45	1.0

RYW	6.56	130	P	47	31.51	1.3
REMR	6.58	122	P	47	31.25	0.6

FMW	6.61	121	P	47	31.59	0.6
KOSW	6.63	126	P	47	32.64	1.5
LON	6.64	122	P	47	31.86	0.5

ERK	6.65	122	P	47	32.15	0.6
TDL	6.69	126	P	47	33.46	1.4
FL2	6.72	128	P	47	32.82	0.2

NLW	6.79	108	P	47	33.61	0.1
YEL	6.80	127	P	47	34.44	0.8
WPW	6.82	122	P	47	34.60	0.8

EBG	7.24	117	P	47	39.95	0.3
VLMM	7.34	131	P	47	42.52	1.3
SAW	7.52	109	P	47	43.23	-0.4
EPH	7.57	111	P	47	43.93	-0.3
VLL	7.57	130	P	47	45.98	1.6
TDH	7.64	131	P	47	46.79	1.3
BVW	7.68	116	P	47	46.36	0.5
MDW	7.86	117	P	47	48.59	0.2
WAH2	7.90	115	P	47	48.98	0.2
OD2	8.08	109	P	47	50.35	-1.1

55 obs. associated

* OCT 02, 1992 08h 24m 40.29±1.49s
 31.019 S ± 7.9km 71.844 W ± 14.7km
 DEPTH = 40.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)
 MD 4.4 (SAN).

TLL	1.23	47	iPd	25	01.50	-0.1
			iS	25	13.00	

JACH	1.97	148	iPd	25	11.52	-0.5
			iS	25	33.64	

IHA	2.01	175	eP	25	16.00	3.6X
			e	25	31.00	

ROCH	2.07	160	iPd	25	13.72	0.1
			iS	25	37.74	

PEL	2.34	155	iP+	25	17.04	-0.1
LCCH	2.46	175	iPd	25	19.48	0.6
			iS	25	47.51	

SAN	2.63	158	iP	25	21.16	-0.1
FCH	2.65	151	iPd	25	21.52	-0.4
			iS	25	51.96	

TACH	2.74	164	iP+	25	22.93	0.1
			iS	25	54.02	

ZON	2.76	102	iPc	25	23.20	0.0
			eS	25	41.20</	

ZOBO 36.90 68 iPC 06 33.10 -1.2
 1.1s 14.50nm 4.7mb
 Z 24s 0.63um 4.3mszX
 S 11 14.00
 LR 17 16.00
 VAO 50.42 92 eP 08 21.80 -0.9
 PDCR 62.15 86 eP 09 47.50 0.8
 VVO 70.61 7 eP 10 43.20 3.2X
 SIO 70.97 6 eP 10 42.40 0.2
 TUL 71.18 7 eP 10 44.20 0.7
 1.0s 11.80nm 5.0mb
 RLO 71.51 7 eP 10 45.30 -0.2
 LRM 81.08 354 eP 11 36.80 -2.7
 SES 85.52 355 eP 12 03.00 1.3
 OBN 146.31 41 ePKP 19 04.00 0.7
 1.0s 35.00nm
 e 19 04.50
 e 19 08.60
 e 19 15.00
 e 19 33.00
 BJI 148.27 291 ePKP 19 07.00 0.0
 S.D. = 1.1 on 13 of 14 obs.

% OCT 02, 1992 09h 45m 34.19±0.90s
 44.211 N ± 8.9km 7.414 E ± 6.2km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.6 (GEN).

ENR 0.02 17 P 45 35.35 -0.9
 S 45 36.68
 STV 0.07 298 P 45 36.06 -0.6
 S 45 38.01
 ROB 0.34 75 P 45 41.17 -0.1
 PZZ 0.37 323 P 45 42.22 0.4
 S 45 45.91
 IMI 0.46 131 P 45 43.75 0.3
 S 45 50.05
 FIN 0.57 90 P 45 45.68 -0.1
 S 45 53.29
 PCP 0.88 67 P 45 50.83 -0.2
 S 46 02.62
 S.D. = 0.5 on 7 of 7 obs.

? OCT 02, 1992 09h 45m 43.02±1.94s
 5.809 S ± 14.3km 131.359 E ± 21.0km
 DEPTH = 123.1 ± 19.5 km
 4.8mb (1 obs.)

BANDA SEA (280)
 SLKI 2.16 182 iPd 46 20.00 0.9
 MTN 7.00 182 iPC 47 23.30 -1.1
 eS 48 41.00
 KNA 10.20 194 eP 48 06.20 -1.3
 0.3s 67.00nm 6.0mb X
 eS 49 56.00
 WB2 14.35 169 iPC 48 58.30 -3.4X
 0.3s 37.40nm 5.1mb X
 eS 51 31.70
 QIS 16.70 152 eP 49 31.10 0.0
 eS 52 28.90
 ASPA 17.92 172 eP 49 46.80 0.7
 0.7s 36.50nm 4.8mb
 eS 52 58.10
 MBL 18.91 215 eP 49 58.00 1.1
 CTA 20.27 136 eP 50 17.00 6.0X
 WARB 20.76 192 eP 50 19.00 3.1X
 CHG 40.24 308 eP 53 10.00 0.6
 GUN 55.21 310 P 55 06.02 0.0
 PKI 55.40 309 P 55 07.30 0.0
 KKN 55.61 309 P 55 07.86 -0.8
 DMN 55.66 309 P 55 08.96 -0.1
 GKN 56.21 309 P 55 12.90 0.0
 S.D. = 0.9 on 12 of 15 obs.

? OCT 02, 1992 10h 31m 57.15±0.95s
 40.683 N ± 10.0km 22.996 E ± 7.5km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.06 205 ePg 31 59.28 -0.1
 eSg 32 00.44
 SOH 0.31 63 ePg 32 03.84 0.3
 eSg 32 08.36
 GRG 0.53 301 ePg 32 07.92 0.1
 eSg 32 14.12
 SRS 0.63 46 ePg 32 09.40 -0.4

eSg 32 17.44
 S.D. = 0.5 on 4 of 4 obs.
 OCT 02, 1992 10h 50m 46.19±0.33s
 30.820 S ± 8.7km 177.557 W ± 6.5km
 DEPTH = 33.0km (normol)
 5.1mb (20 obs.) 5.3msz (25 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 28S, 53C
 Centroid Location:
 Origin Time 10:50:47.7 0.5
 Lat 30.79S 0.07 Lon 177.23W 0.05
 Dep 15.0 FIX Half-duration 1.2
 Moment Tensor: Scale 10**17 Nm
 Mrr= 0.94 0.04 Mtt= 0.00 0.05
 Mff=-0.94 0.06 Mrt= 0.28 0.14
 Mrf= 1.32 0.15 Mtf=-0.41 0.05
 Principal Axes:
 T Val= 1.62 Plg=63 Azm=275
 N 0.14 5 15
 P -1.76 26 108
 Best Double Couple: Mo=1.7*10**17
 NP1: Strike=210 Dip=19 Slip= 106
 NP2: 13 72 85

RAO 1.59 349 P 51 10.80 -1.6
 S 51 21.50
 SVA 13.16 343 eP 53 54.60 1.3
 DZM 16.75 298 iPC 54 45.90 5.9X
 BKM 18.39 312 iPC 55 06.20 5.9X
 ARMA 26.48 263 iPd 56 25.30 2.9
 0.9s 24.00nm 4.8mb
 CAN 28.30 252 eP 56 40.10 1.3
 BWA 28.80 254 eP 56 42.40 -0.9
 RMQ 29.81 270 eP 56 53.80 1.4
 0.7s 35.00nm 5.2mb
 CMS 31.25 259 eP 57 06.00 0.9
 0.9s 16.00nm 4.8mb
 BFD 33.50 248 eP 57 26.00 1.4
 QLP 33.67 267 eP 57 27.00 0.8
 CTA 34.24 280 iPC+ 57 32.20 1.0
 1.0s 12.50nm 4.8mb
 e 57 35.20
 i 57 46.00
 e 01 26.00
 eS 02 56.00
 eS 03 01.80
 STKA 34.76 257 iPC 57 35.80 0.3
 eS 03 01.80
 STK 34.76 257 P 57 37.29 1.7
 LAT 40.98 299 eP 58 29.90 2.2
 ASPA 43.47 267 eP 58 47.90 -0.2
 0.6s 15.70nm 4.9mb
 Z 18s 8.30um 5.7msz
 WB2 44.48 272 eP 58 55.30 -1.1
 0.5s 54.10nm 5.7mb
 WRA 44.49 272 P 58 55.70 -0.7
 0.8s 13.70nm 4.9mb
 WARB 48.84 261 eP 59 28.00 -2.6
 COOL 52.01 253 eP 59 53.00 -1.7
 0.5s 8.00nm 4.9mb
 MHA 54.82 25 (P) 00 17.89 2.5
 HON 55.14 22 P 00 30.00 12.3X
 Z 20s 0.71um 4.7msz
 MBL 56.47 264 eP 00 25.00 -2.5
 MRWA 56.76 253 eP 00 27.50 -2.0
 0.6s 5.00nm 4.7mb
 SPA 59.35 180 ePd 00 47.40 0.1
 1.0s 5.87nm 4.7mb
 Z 17s 11.76um 6.1mszX
 MAW 72.05 201 P 02 09.30 0.9
 MAT 78.80 325 eP 02 46.00 -1.2
 1.0s 13.00nm 4.9mb
 Z 20s 0.71um 5.0msz
 eS 12 31.00
 OFUJ 79.22 329 eP 02 47.30 -2.1
 SMY 83.51 355 P 03 20.00 8.5X
 Z 20s 2.17um 5.5msz
 SSE 84.67 311 Pd 03 16.00 -1.9
 Z 20s 0.90um 5.2msz
 N 16s 0.60um
 E 14s 0.40um
 S 13 40.00
 YSS 85.36 334 ePd 03 22.20 1.3
 0.9s 20.00nm 5.3mb
 N 17s 1.00um

E 17s 0.50um
 e 03 32.50
 (S) 13 49.00
 ARN 85.69 42 eP 03 23.24 0.3
 PLM 85.79 47 (P) 03 24.26 0.6
 PET 86.02 346 eP 03 24.00 -0.1
 e 13 59.00
 PEL 86.10 126 eP 03 13.00 -12.3X
 ISA 86.33 44 eP 03 26.00 -0.2
 1.0s 19.84nm 5.3mb
 Z 18s 1.04um 5.3msz
 CMB 86.82 42 P 03 40.00 11.5X
 Z 18s 1.47um 5.4msz
 GSC 87.10 46 eP 03 30.01 0.0
 ORV 87.25 40 eP 03 30.01 -0.4
 MDZ 87.52 127 e(P) 03 32.10 -0.1
 LBFM 88.29 38 eP 03 34.81 -0.9
 TPNV 88.52 45 eP 03 37.65 0.8
 1.0s 19.56nm 5.4mb
 TNP 88.69 43 eP 03 36.72 -1.0
 0.9s 12.27nm 5.2mb
 TUC 89.08 51 eP 03 39.97 0.5
 1.5s 24.50nm 5.3mb
 Z 18s 1.36um 5.4msz
 MDJ 89.19 325 eP 03 39.50 -0.1
 1.5s 28.00nm 5.4mb
 SKS 14 08.00
 SNY 90.36 320 Pc 03 44.00 -1.1
 Z 18s 0.59um 5.1msz
 TIA 90.53 313 eP 03 46.50 0.4
 Z 28s 0.81um 5.0mszX
 CN2 90.71 323 eP 03 46.20 -0.5
 1.2s 40.00nm 5.6mb
 Z 20s 0.61um 5.0msz
 eP 03 55.70 30kmX
 eSKS 14 16.00
 ARUT 90.77 45 eP 03 48.30 0.9
 BMW 91.25 34 eP 03 50.22 1.0
 e 04 01.73
 SHW 91.53 35 eP 03 51.94 1.4
 VGB 91.78 36 eP 03 51.25 -0.4
 LON 92.13 35 (P) 03 53.82 0.6
 RMW 92.63 34 eP 03 55.36 -0.2
 SRU 93.39 46 eP 03 58.44 -1.0
 BJI 93.49 315 eP 04 00.00 0.5
 1.5s 29.00nm 5.5mb
 Z 20s 0.30um 4.7msz
 ALO 93.54 51 P 04 10.00 9.8X
 Z 18s 1.23um 5.4msz
 PV10 93.87 47 eP 04 01.00 -0.7
 CHG 94.08 289 eP 04 03.00 0.3
 TIY 94.43 312 Pd 04 05.50 1.4
 Z 24s 0.69um 5.0mszX
 XAN 94.67 307 eP 04 05.00 -0.2
 HHAI 94.86 42 eP 04 06.97 1.0
 PMR 94.93 13 P 04 20.00 14.3X
 Z 18s 0.56um 5.1msz
 NEW 95.49 36 P 04 20.00 11.4X
 Z 20s 1.60um 5.5msz
 LRM 96.38 40 eP 04 14.00 1.0
 GOL 96.97 48 P 04 30.00 14.2X
 Z 20s 1.53um 5.5msz
 GLD 97.09 48 P 04 30.00 13.7X
 Z 20s 1.20um 5.4msz
 RSSD 100.25 45 ePd diff 04 29.53 -1.1
 0.8s 4.03nm 5.0mb
 0.92um 5.3msz
 MIAR 102.31 57 Pd diff 04 50.00 10.2X
 Z 19s 0.51um 5.1msz
 FVM 106.16 55 PKP 09 20.00 11.3X
 Z 18s 1.72um 5.6msz
 SLM 106.59 55 PKP 09 20.00 10.6X
 Z 19s 1.02um 5.4msz
 JFWS 108.43 51 PKP 09 20.00 7.2X
 Z 18s 1.01um 5.4msz
 CEH 113.60 61 PKP 09 30.00 7.2X
 Z 19s 0.98um 5.4msz
 RSNY 119.67 53 PKP 09 40.00 5.8X
 Z 18s 0.86um 5.4msz
 SEM 120.53 313 (PKP) 09 35.00 -0.6
 e 09 46.00
 HRV 121.23 56 PKP 09 50.00 12.8X
 Z 18s 1.38um 5.6msz
 FRU 122.62 304 ePKP 09 40.00 0.1
 ERE 144.79 297 iPKP+ 10 20.50 -0.9
 1.5s 25.00nm
 MOS 144.90 325 iPKPd 10 18.00 -2.9X

02d 11h

2.0s 160.00nm
KAF 145.07 341 iPKP 10 18.20 -2.8X
0.6s 21.10nm
PYA 145.50 304 ePKPc 10 21.00 -1.4
PUL 145.54 335 (PKP) 10 21.00 -0.9
1.8s 220.00nm
OBN 145.72 325 iPKPc+10 21.00 -1.3
2.0s 576.00nm
Z 20s 0.60um 5.4MsZ
i 10 31.00
NUR 146.84 340 iPKP 10 23.90 0.0
0.7s 33.10nm
SOC 147.96 304 iPKPc 10 30.00 3.7X
UPP 149.22 345 iPKP 10 32.00 4.3X
ANN 149.36 307 ePKP 10 33.00 4.6X
HFS 149.73 349 ePKP 10 30.80 2.3X
0.4s 1.20nm
Z 19s 225.00um 8.0MsZ
LR 05 47.00
MNK 150.68 329 ePKP 10 35.00 4.9X
HRI 151.74 284 ePKP 10 39.40 6.8X
DSI 151.87 280 ePKP 10 39.20 6.5X
PRNI 152.02 277 ePKP 10 39.60 6.7X
SAGI 152.29 277 ePKP 10 40.00 6.6X
CSS 153.79 287 ePKP 10 54.90 19.6X
KIC 154.75 163 (PKP) 10 38.30 1.2
VRI 155.87 315 ePKP 10 45.00 7.3X
MLR 156.54 315 ePKPd 10 38.50 -0.3
KSP 157.49 337 ePKP 10 59.40 19.8X
e 11 22.50
e 14 47.00
BRG 158.21 340 ePKP 10 45.10 4.6X
e 11 11.80
e 11 26.50
KHC 159.86 338 ePKP 10 45.50 3.1X
1.4s 16.20nm
Z 16s 0.70um 5.6MsZ
N 16s 0.30um
E 16s 0.60um
i 11 23.00
e 11 33.60
GEC2 160.07 338 PKP 10 42.80 0.1
1.0s 1.08nm
S.D. = 1.2 on 67 of 101 obs.

? OCT 02, 1992 11h 00m 41.36±1.97s
11.543 N ±45.0km 88.349 W ±78.2km
DEPTH = 33.0km (normal)
4.4mb (1 obs.) 4.5MsZ (1 obs.)
OFF COAST OF CENTRAL AMERICA (76)

UYO 23.20 347 iPd 05 45.80 -0.5
VVO 24.62 345 eP 06 00.50 0.5
SIO 25.15 345 e(P) 06 01.80 -3.3X
TUL 25.18 346 eP 06 05.60 0.2
0.6s 7.20nm 4.4mb
Z 18s 1.39um 4.5MsZ
LR 41 18.00
RLO 25.25 347 eP 06 05.90 -0.1
SIV 38.43 135 eP 08 02.00 0.0
LRM 39.85 334 eP 08 13.70 -0.1
GBA 151.31 30 PKP 20 34.00 6.2X
S.D. = 0.4 on 6 of 8 obs.

* OCT 02, 1992 11h 04m 37.18±0.50s
1.226 N ±8.0km 129.304 E ±12.0km
DEPTH = 33.0km (normal)
4.8mb (9 obs.) 4.5MsZ (6 obs.)
HALMAHERA, INDONESIA (267)

MNI 4.47 273 ePd 05 45.00 0.6
WB2 21.61 167 iPd 09 25.90 -0.7
0.7s 12.00nm 4.4mb
ASPA 25.14 170 eP 10 00.80 -0.2
1.0s 15.30nm 4.6mb
STKA 34.92 162 eP 11 28.00 -0.1
MAT 36.09 12 (P) 11 37.00 -1.0
0.7s 4.79nm 4.5mb
XAN 37.81 332 P 11 52.10 -0.3
0.9s 13.00nm 4.8mb
Z 18s 0.72um 4.5MsZ
pP 12 00.70 29kmX
ARMA 37.98 148 iPd 11 55.40 1.4
1.1s 45.00nm 5.2mb
CD2 38.17 323 Pd 11 56.00 0.5
Z 18s 0.55um 4.4MsZ
TIY 39.49 339 Pd 12 06.50 0.0

Z 20s 0.63um 4.4MsZ
BJI 40.44 344 eP 12 14.00 -0.1
1.2s 33.00nm 5.0mb
LZH 41.96 329 eP 12 27.80 0.9
1.4s 66.00nm 5.2mb
Z 18s 0.39um 4.3MsZ
HHC 42.59 340 P 12 32.80 0.8
1.0s 17.00nm 4.7mb
Z 16s 0.71um 4.7MsZ
GTA 46.56 328 eP 13 04.00 0.2
1.2s 15.00nm 4.8mb
Z 18s 0.86um 4.7MsZ
E 15s 0.95um
HYB 52.39 291 eP 13 47.00 -2.0
ZOBO 157.22 132 PKP 24 34.80 2.2X
Z 20s 0.32um 5.2MsZ
e 30 56.00
LR 36 32.00
S.D. = 0.9 on 14 of 15 obs.

OCT 02, 1992 11h 55m 30.93±0.53s
24.959 N ±7.5km 126.907 E ±8.1km
DEPTH = 33.0km (normal)
4.2mb (4 obs.)
RYUKYU ISLANDS (238)

KAGJ 7.13 29 eP 57 15.80 0.2
KUMJ 8.29 24 P 57 31.70 -0.1
LZH 22.70 305 eP 00 30.00 -1.1
1.6s 25.00nm 4.4mb
Z 16s 0.34um 3.9MsZ
E 11s 0.26um
GUN 36.74 284 P 02 37.92 0.4
PKI 37.18 283 P 02 41.38 0.1
KKN 37.28 284 P 02 42.18 0.2
DMN 37.45 283 P 02 43.60 0.2
GKN 37.82 284 P 02 46.62 0.2
WRA 45.21 170 P 03 47.00 0.1
0.6s 0.60nm 3.7mb
WB2 45.22 170 eP 03 46.50 -0.4
0.6s 2.30nm 4.3mb
NB2 79.92 334 P 07 38.10 0.3
0.8s 2.10nm 4.2mb
S.D. = 0.5 on 11 of 11 obs.

? OCT 02, 1992 12h 10m 11.60±1.56s
20.896 S ±14.3km 67.164 W ±19.0km
DEPTH = 190.0km (geophysicist)
SOUTHERN BOLIVIA (125)

YJA 2.00 130 iPd 10 50.30 0.1
S 11 21.00
CCH 3.63 16 P 11 10.00 0.8
CNCB 4.14 349 iPd 11 16.00 0.1
LPB 4.43 348 P 11 19.80 0.3
ZOBO 4.67 349 iPd 11 22.10 -0.8
SIV 7.56 51 P 11 59.80 -0.4
S.D. = 0.7 on 6 of 6 obs.

& OCT 02, 1992 12h 12m 14.12s
34.605 N 116.626 W
DEPTH = 3.7km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.5 (PAS), 3.2 (GS).

GSC 0.71 348 ePd 12 27.62 -0.7
PEC 0.84 212 iPd 12 29.61 -1.2
SSK 0.97 246 iPd 12 32.03 -1.2
S 12 44.80
PLM 1.26 189 ePd 12 37.37 -0.9
S 12 54.49
ISA 1.85 305 ePnd 12 44.92 -2.0
Pg 12 47.87
S 13 13.47
ABL 2.15 277 ePd 12 49.85 -1.7
Pg 12 53.27
S 13 21.21
GLA 2.15 135 ePd 12 48.60 -2.8
Pg 12 53.66
TPNV 2.36 7 ePd 12 53.76 -0.7
S 13 30.41
BCH 2.90 282 ePd 13 00.42 -1.7
PHAM 3.32 293 ePd 13 07.02 -1.0
TNP 3.50 352 ePd 13 10.15 -0.6
S 14 07.24
MEMM 3.58 329 ePd 13 12.35 0.8
Pg 13 20.87

BONR 3.61 338 ePd 13 11.73 -0.5
Pg 13 22.53
ARUT 4.09 38 ePd 13 17.49 -1.5
ARN 4.83 306 ePd 13 27.51 -1.9
MSU 5.30 41 ePd 13 35.05 -1.2
Pg 13 52.52
DUG 6.35 27 (Pn) 13 53.12 2.1
0.8s 1.96nm 4.1mb X
Lg 15 35.63
SRU 6.64 46 (Pn) 13 51.17 -4.0
DAU 7.20 35 (Pn) 14 03.90 0.9
19 obs. associated

? OCT 02, 1992 12h 54m 16.37±1.02s
22.648 S ±11.7km 69.322 W ±11.5km
DEPTH = 10.0km (geophysicist)
NORTHERN CHILE (123)
Felt (II) at Antafagasta.

ANT 1.46 223 iPd 54 42.70 0.0
iS 54 54.30
YJA 3.57 83 iPd 55 23.50 10.2X
CNCB 5.94 13 P 55 52.20 5.1X
CCH 6.03 30 eP 55 55.00 6.9X
LPB 6.19 11 P 55 56.00 5.5X
ZOBO 6.43 10 P 55 57.80 3.8X
ARE 6.48 341 iPd 55 53.00 -1.5
iS 57 04.00
MDZ 10.20 178 e(P) 56 56.70 10.7X
SIV 10.22 51 eP 56 47.00 0.8
MRA 10.24 163 e(P) 56 42.30 -4.1X
PEL 10.52 186 eP 56 59.50 9.1X
NNA 12.80 325 eP 57 22.50 1.2
0.5s 5.63nm 5.0mb X
eS 59 53.50
ITB1 13.83 101 e(P) 57 45.00 10.2X
VAO 20.61 95 (P) 58 58.00 -0.5
S.D. = 1.5 on 5 of 14 obs.

& OCT 02, 1992 13h 05m 42.30s
35.014 N 116.968 W
DEPTH = 3.7km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 2.9 (PAS), 2.4 (GS).

GSC 0.32 25 iPd 05 48.45 -0.2
SSK 1.00 217 ePd 06 00.85 -1.1
S 06 14.82
PEC 1.13 188 eP 06 03.09 -1.0
S 06 18.74
MWC 1.20 229 eP 06 04.11 -1.2
S 06 20.81
PAS 1.32 229 eP 06 06.76 -0.5
S 06 25.32
VPD 1.36 209 eP 06 07.28 -0.8
S 06 25.14
ISA 1.39 298 ePd 06 07.39 -1.2
S 06 23.36
Lg 06 26.96
GFP 1.42 232 eP 06 08.43 -0.4
S 06 27.85
SCY 1.52 234 eP 06 10.22 -0.2
PLM 1.66 177 ePd 06 11.83 -0.7
Pg 06 13.07
S 06 35.00
ABL 1.86 266 (Pn) 06 15.49 0.1
Pg 06 16.69
S 06 40.84
TPNV 2.02 17 (Pn) 06 17.88 0.2
Pg 06 20.53
BCH 2.56 275 ePd 06 23.85 -1.6
GLA 2.64 137 Pg 06 31.28 4.7
TNP 3.07 356 ePd 06 31.67 -1.0
ARUT 3.97 45 ePd 06 44.93 -0.6
MSU 5.20 46 (Pn) 07 04.15 1.2
17 obs. associated

? OCT 02, 1992 13h 53m 40.91±1.00s
44.479 N ±6.6km 7.309 E ±11.4km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.5 (GEN).

PZZ 0.15 280 P 53 44.10 0.0
S 53 46.28
STV 0.23 177 P 53 45.66 -0.1
S 53 48.74

ENR	0.26	162	P	53	46.33	0.0	GBA	24.61	170	P	43	56.60	1.6	0.5s	7.95nm	4.9mb				
			S	53	49.87					S	48	35.60		SSF	50.48	304	iPd	47	31.20	-0.6
BHB	0.36	355	P	53	48.23	0.0	ZAK	24.78	50	iPc	43	58.00	1.8	0.7s	6.85nm	4.7mb				
			S	53	53.51			1.0s	19.00nm	e	44	29.00	4.5mb	YSS	50.59	56	eP	47	33.20	0.6
S.D. = 0.1 on 4 of 4 obs.													AVF	50.66	304	iPd	47	32.80	-0.4	
OCT 02, 1992 14h 38m 44.33± 0.63s							KMI	28.24	108	eP	44	50.50	22.1X		0.6s	15.35nm	5.1mb			
38.006 N ± 4.0km 73.044 E ± 3.4km							XAN	29.17	87	P	44	36.40	0.0	MAF	51.35	303	iPd	47	38.30	-0.1
DEPTH = 118.4 ± 7.1 km							CHG	29.58	123	eP	44	44.00	3.9X		0.7s	12.35nm	4.9mb			
4.9mb (54 obs.)							OBN	29.89	317	iPc	44	42.00	-0.4	TCF	51.56	303	iPd	47	39.90	-0.2
TAJIKISTAN-XINJIANG BORDER REG. (719)								0.9s	31.00nm	e	45	36.00	5.0mb	LSF	52.03	303	iPd	47	42.80	-0.7
KSH	2.71	57	P	39	32.60	5.0X	KAS	30.24	289	ePc	44	46.60	0.8		0.6s	8.50nm	4.8mb			
			S	40	05.10		TIY	30.94	78	eP	44	52.90	0.9	CAF	52.09	302	iPd	47	44.00	-0.1
FRU	4.97	13	ePn	40	00.00	2.1	CIT	31.46	50	eP	44	56.00	-0.4		0.7s	6.05nm	4.6mb			
			i	40	14.40		NRI	32.49	10	(P)	45	05.00	-0.1	RJF	52.33	302	iPd	47	45.90	0.1
			eS	40	57.00		BOD	33.25	40	eP	45	11.20	-0.6		0.6s	5.50nm	4.7mb			
AAA	6.04	28	iPn+	40	14.00	1.4		1.0s	18.00nm	e	45	11.20	-0.6	EKA	52.35	316	Pd	47	44.40	-1.4
			eS	41	37.50		CLI	34.50	299	ePd	45	08.00	-14.7X		0.6s	5.30nm	4.6mb			
PRZ	6.06	41	iPn	40	14.00	0.9	VR1	34.93	298	ePd	45	12.00	-14.3X	LDF	52.38	307	iPd	47	45.30	-0.8
			eS	41	17.00		MLR	35.50	297	iPd	45	17.50	-13.8X		0.5s	15.15nm	5.2mb			
TLG	6.20	31	iPnc	40	15.00	0.1	KAF	37.28	326	eP	45	45.20	-0.6	FLN	52.56	307	iPd	47	46.40	-1.0
			e	40	28.00			0.3s	1.70nm	e	45	48.30	-0.2		0.8s	13.15nm	4.9mb			
			e	40	37.00		NUR	37.59	323	iP	45	48.30	-0.2	LPO	52.76	302	iPd	47	48.70	-0.2
			e	41	26.90			0.3s	7.90nm	e	46	02.50	1.1		0.6s	4.25nm	4.6mb			
			e	42	00.00		SPC	39.09	304	eP	46	02.50	1.1	GRR	52.91	307	iPd	47	49.10	-0.9
NDI	9.93	158	iPc	41	06.40	1.2	SKO	39.25	293	e(P)	46	03.50	0.9		0.6s	26.85nm	5.4mb			
	0.5s	154.93nm			6.1mb	X	OJC	39.32	306	eP	46	03.40	0.3	LFF	52.97	302	iPd	47	50.50	0.0
MAIO	10.95	265	iPd	41	16.40	-2.4				i	46	04.10			0.5s	11.10nm	5.1mb			
	0.9s	38.79nm			5.2mb		VRAC	41.47	305	iPd	46	22.00	1.4	MFF	53.01	304	iPd	47	50.70	-0.1
			eS	43	10.00			1.0s	40.20nm	e	46	21.50	0.4		0.6s	7.50nm	4.8mb			
ASH	11.60	274	iPc	41	25.00	-2.3	KSP	41.52	307	iP	46	21.50	0.4	LPF	53.14	306	iPd	47	50.60	-1.0
	0.9s	240.00nm			5.9mb	X				e	47	57.80			0.5s	4.30nm	4.7mb			
			iS	43	28.00		YAK	41.81	36	eP	46	23.10	-0.2	ESEL	53.31	295	eP	47	53.40	0.3
WMQ	12.51	58	P	41	39.00	-0.3	PRU	42.72	306	Pd	46	31.70	0.8	ECHE	56.13	297	eP	48	13.80	0.2
	1.0s	70.00nm			5.2mb					e	48	06.50		ETOR	56.40	298	eP	48	14.30	-1.3
			S	43	56.00		HFS	42.91	321	eP	46	31.80	-0.5	GUD	57.92	299	eP	48	25.30	-1.0
KAT	13.18	280	iP+	41	47.00	-0.9		0.3s	17.10nm	e	46	31.80	-0.5	ENIJ	58.11	294	eP	48	27.20	-0.3
			eS	44	04.00		VBY	42.94	299	eP	46	33.30	0.6	EBAN	58.72	296	iPd	48	31.00	-0.8
SEM	13.42	20	iPc	41	49.90	-1.1	BRG	42.99	307	iPd	46	33.80	0.7	EGUA	59.15	295	eP	48	33.60	-1.1
	1.4s	45.00nm			4.7mb			1.0s	20.00nm	e	46	33.80	0.7	ERUA	59.23	302	eP	48	34.50	-0.7
GKN	13.92	132	P	41	56.92	-0.8	GEC2	43.41	304	P	46	37.20	0.5	ELUO	59.33	296	iPd	48	35.30	-0.7
	0.4s	307.00nm			5.9mb	X		0.9s	4.24nm	e	46	48.30		EPLA	59.50	299	eP	48	36.50	-0.6
KKN	14.46	131	P	42	02.82	-1.8	KHC	43.45	305	P	46	37.50	0.6	EHOR	59.91	296	eP	48	39.50	-0.4
	0.5s	452.00nm			6.0mb	X		1.0s	7.50nm	e	48	22.00		EPRU	60.28	295	eP	48	41.20	-1.3
DMN	14.49	132	P	42	04.14	-1.0				e	48	22.00		KIC	76.49	268	P	50	22.60	-0.4
	0.4s	149.00nm			5.6mb		CLL	43.54	308	iPd	46	37.70	0.2	TIC	76.54	268	P	50	22.80	-0.5
PKI	14.70	131	P	42	06.62	-1.2		0.9s	16.00nm	e	48	22.00		LIC	76.80	268	P	50	24.20	-0.5
	0.4s	128.00nm			5.5mb					e	48	22.00		YKA	79.66	4	eP	50	39.20	-0.3
GUN	14.73	129	P	42	06.82	-1.4	TIK	43.76	22	iPc	46	38.60	-0.4		0.4s	1.60nm	4.2mb			
	0.6s	347.00nm			5.8mb					e	48	22.00		WRA	81.43	123	P	50	49.80	0.3
UKR	15.38	29	iPc	42	14.50	-1.3	NB2	44.18	322	P	46	41.90	-0.7		0.5s	1.00nm	3.9mb	X		
	1.1s	220.00nm			5.3mb			0.6s	18.30nm	e	46	41.90	-0.7	WB2	81.44	123	iP	50	49.50	0.0
LSA	17.15	114	P	42	40.60	2.1	GRF	44.89	306	iPd	46	49.90	1.5		0.3s	5.60nm	4.8mb			
	1.0s	7.20nm			3.9mb		OSS	46.17	302	iPd	46	58.60	-0.2			i	51	26.50		
ELT	17.78	27	iPc	42	44.20	-1.4	LLS	46.90	302	iPc	47	04.40	-0.1	S.D. = 1.1 on 115 of 125 obs.						
	1.8s	78.00nm			4.7mb		TMA	47.17	301	(P)	47	05.98	-0.6	& OCT 02, 1992 15h 06m 18.66s						
NVS	18.28	19	ePc	42	48.70	-2.6	CDP	47.68	305	iPd	47	10.40	-0.1	34.601 N 116.628 W						
	1.0s	130.00nm			5.2mb			0.6s	2.80nm	e	47	10.40	-0.1	DEPTH = 3.1km						
			iS	46	07.40		PGF	48.04	297	P	47	13.11	-0.2	SOUTHERN CALIFORNIA (43)						
SHI	18.95	250	eP	43	00.00	1.1	WLF	48.12	307	Pc	47	15.00	1.3	<PAS-P>. ML 3.0 (PAS), 2.6 (GS).						
POO	19.41	178	iPd	43	00.00	-3.7X	BSF	48.13	304	iPd	47	13.70	-0.3	GSC	0.71	348	ePn	06	32.26	-0.7
UER	20.07	41	iPc	43	09.00	-1.2		0.8s	16.50nm	e	47	13.70	-0.3		S	06	41.98			
	1.0s	88.00nm			5.1mb		DIX	48.16	302	(P)	47	14.19	-0.2	PEC	0.83	212	iPc	06	34.03	-1.3
SVE	20.54	340	ePd	43	17.10	2.2	HAU	48.38	304	iPd	47	15.60	-0.2	SSK	0.96	246	ePc	06	36.58	-1.2
			e	43	46.00			0.5s	5.85nm	e	47	15.60	-0.2		S	06	49.96			
			e	46	55.20		EMS	48.48	302	ePd	47	16.70	-0.1	PLM	1.26	189	eP	06	41.77	-1.0
ARU	20.78	337	eP	43	17.50	0.2	SAOF	48.63	299	P	47	18.12	0.4		S	06	59.81			
			e	43	57.00		AUTN	48.72	299	P	47	19.03	0.4	ISA	1.85	306	ePn	06	49.81	-1.8
			e	47	05.00		SBF	48.75	299	P	47	19.00	0.3		Pg	06	52.50			
GTA	20.92	78	P	43	20.00	1.0	LPG	48.76	301	iPd	47	19.40	0.4		S	07	18.05			
	1.0																			

02d 15h

NEAR COAST OF CENTRAL CHILE (135)
MD 3.8 (SAN).

ROCH	1.30	146	iPd	46 56.72	-0.8
			iS	47 10.73	
JACH	1.35	126	iPd	46 58.12	0.0
			iS	47 14.74	
LCCH	1.60	170	iP+	47 00.86	-0.7
PEL	1.61	141	iPd	47 01.75	0.0
			iS	47 19.39	
TACH	1.93	156	iP	47 06.47	0.1
			iS	47 28.43	
FCH	1.96	137	iP	47 07.29	0.1
			iS	47 30.80	
PCH	2.07	146	iP+	47 09.03	0.5
			iS	47 33.41	
LNv	2.09	169	iP	47 08.61	-0.1
			iS	47 33.43	
CHCH	2.28	153	iP+	47 11.79	0.2
CACH	2.46	154	iPd	47 14.95	0.7
			iS	47 44.48	
MDZ	2.75	112	eP	47 17.80	-0.5
			iS	47 59.20	

S.D. = 0.5 on 11 of 11 obs.

& OCT 02, 1992 15h 49m 56.17s
33.973 N 116.385 W
DEPTH = 8.4km

SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 2.9 (GS).

PEC	0.65	263	iPc	50 08.10	-1.1
			S	50 16.21	
PLM	0.73	213	iPd	50 09.92	-1.0
			S	50 20.26	
SSK	1.11	283	eP	50 16.34	-1.0
			S	50 31.18	
GSC	1.37	345	ePn	50 20.36	-1.2
			Pg	50 21.78	
			S	50 39.63	
GLA	1.59	125	ePn	50 22.67	-2.0
ISA	2.41	315	ePn	50 34.84	-1.7
			S	51 11.59	
ABL	2.50	291	ePn	50 36.74	-1.2
8CH	3.28	293	(Pn)	50 49.49	0.5
8ONR	4.27	339	(Pn)	51 02.52	-0.6
MSU	5.67	36	(Pn)	51 20.41	-2.5

10 obs. associated

? OCT 02, 1992 16h 25m 17.35±7.50s
11.343 S ±65.8km 110.085 E ±42.3km
DEPTH = 33.0km (normal)

4.0mb (6 obs.)
SOUTH OF SUMBAWA, INDONESIA (291)

MBL	9.90	170	eP	27 41.00	0.4
	0.3s	14.00nm		5.7mb X	
			eS	29 38.50	
MEEK	15.22	178	eP	28 51.00	-0.6
	0.3s	7.00nm		4.5mb X	
			eS	31 42.00	
WARB	16.83	152	eP	29 16.50	4.4X
			eS	32 30.00	
WB2	17.83	121	eP	29 24.20	-0.6
	0.4s	2.30nm		3.7mb	
			eS	32 52.20	
MRWA	17.89	186	eP	29 25.00	-0.4
	0.4s	3.00nm		3.8mb	
			eS	32 41.00	
BAL	19.21	184	eP	29 42.00	0.5
	0.4s	4.00nm		4.0mb	
			eS	33 14.00	
ASPA	19.41	131	eP	29 44.50	0.6
	0.6s	4.50nm		3.9mb	
COOL	19.65	172	eP	29 51.00	4.5X
	0.4s	4.00nm		4.1mb	
			eS	33 28.00	
KLB	20.15	181	eP	29 57.00	5.3X
	0.4s	6.00nm		4.3mb	
			eS	33 37.00	
MUN	20.61	185	eP	30 02.00	5.6X
			eS	33 47.00	

S.D. = 0.8 on 6 of 10 obs.

* OCT 02, 1992 17h 11m 28.54±2.46s
60.539 N ±9.7km 4.722 E ±21.1km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)
ML 1.4 (NAO). MD 1.4 (BER).

ASK	0.24	103	eP	11 33.28	-0.4
			eS	11 36.05	
EGD	0.37	137	eP	11 35.92	-0.1
			eS	11 41.05	
SUE	0.52	2	eP	11 38.93	-0.1
			eS	11 46.79	
HYA	0.95	48	iPc	11 47.33	0.7
			eS	12 00.14	
ODD1	1.14	123	eP	11 50.68	0.8
			eS	12 04.25	
NRA0	3.37	84	Pn	12 21.42	-0.8
			Pg	12 27.10	
			Lg	13 11.38	

S.D. = 0.8 on 6 of 6 obs.

OCT 02, 1992 17h 28m 42.50±0.44s
51.114 N ±9.7km 178.112 W ±5.0km
DEPTH = 33.0km (normal)

4.7mb (42 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	1.18	49	iPc	29 03.73	1.0
SMY	5.08	292	(P)	30 01.72	3.4X
SVW	15.96	43	eP	32 29.49	3.6X
	0.8s	51.50nm		4.7mb	
KDC	16.25	56	eP	32 28.14	-1.4
	0.5s	9.56nm		4.2mb	
TTA	16.76	37	eP	32 37.84	1.7
	1.0s	10.84nm		3.9mb	
BGL	17.43	44	eP	32 45.69	1.2
CRP	17.53	45	eP	32 47.50	1.7
SPU	17.55	45	eP	32 47.53	1.7
SLKM	18.14	48	eP	32 51.81	-1.4
IMA	19.46	30	eP	33 08.34	-0.7
	1.0s	8.80nm		4.0mb	
KLU	20.44	47	eP	33 17.97	-1.4
FBA	20.89	37	eP	33 23.43	-0.5
	0.6s	5.55nm		4.1mb	
BALM	22.01	49	(P)	33 37.38	2.0
MBC	33.69	22	eP	35 22.00	0.0
YKA	35.10	46	eP	35 32.30	-1.9
	0.9s	2.70nm		4.2mb	
LON	36.47	74	(P)	35 46.53	0.5
NEW	38.57	70	eP	36 03.50	-0.2
	1.0s	20.00nm		4.9mb	
SES	41.09	64	eP	36 24.00	-0.4
PTI	44.22	74	eP	36 51.09	0.9
BW06	45.97	72	eP	37 03.79	-0.5
	0.9s	10.59nm		4.8mb	
DAU	46.33	76	eP	37 07.22	0.0
BTO	49.26	287	eP	37 30.50	0.7
TIY	49.58	283	eP	37 32.80	0.5
GOL	50.34	73	eP	37 37.88	-0.4
	0.6s	7.58nm		4.9mb	
LZH	55.87	287	eP	38 19.00	-0.2
	1.4s	24.00nm		5.0mb	
GTA	56.07	292	eP	38 20.00	-0.6
	1.2s	15.00nm		4.9mb	
WMO	59.85	303	P	38 47.00	0.0
	0.6s	5.70nm		4.9mb	
KAF	65.46	348	iP	39 22.10	-1.7
	0.4s	3.30nm		4.8mb	
NUR	67.23	348	eP	39 33.50	-1.6
	0.4s	2.20nm		4.6mb	
NB2	67.95	355	P	39 37.60	-2.0
	0.8s	3.00nm		4.4mb	
JSC	68.10	62	ePd	39 40.37	-0.6
HFS	68.70	354	eP	39 42.10	-2.1
	0.4s	1.20nm		4.4mb	
Z	18s	32.00um		6.6mszX	
		LR	04 55.00		
OBN	70.28	340	eP	39 53.00	-0.9
	0.9s	19.00nm		5.2mb	
		e	39 54.00		
GUN	72.36	293	P	40 07.72	0.4
KKN	72.80	293	P	40 11.78	2.0
PKI	72.89	293	P	40 10.68	0.3
GKN	73.01	293	P	40 11.18	0.3
DMN	73.03	293	P	40 11.78	0.6
BRG	77.87	352	eP	40 37.50	-0.4
GRF	79.26	354	iPc	40 46.10	0.5
	0.9s	6.00nm		4.6mb	
GEC2	79.91	352	P	40 49.10	-0.1
	0.7s	1.87nm		4.2mb	

FLN	80.48	2	eP	40 51.70	-0.4
	0.9s	8.70nm		4.8mb	
LDF	80.66	1	eP	40 52.70	-0.3
	0.4s	13.40nm		5.2mb	
CDF	80.75	356	eP	40 53.50	-0.1
	0.7s	3.10nm		4.4mb	
GRR	80.85	2	eP	40 54.00	0.0
	0.7s	11.35nm		5.0mb	
HAU	81.19	357	eP	40 55.80	-0.1
	0.8s	5.90nm		4.6mb	
LPF	81.20	2	eP	40 56.10	0.2
	1.0s	16.20nm		5.0mb	
BSF	81.35	357	eP	40 56.50	-0.3
	0.8s	3.35nm		4.4mb	
WTTA	81.65	353	eP	40 58.50	0.0
	0.8s	8.00nm		4.8mb	
KBA	81.69	352	iPc	40 59.20	0.5
	0.4s	12.00nm		5.3mb	
LOR	81.99	359	eP	41 00.10	0.1
	0.6s	4.35nm		4.7mb	
WRA	82.12	224	P	41 00.20	-0.8
	0.6s	0.40nm		3.6mb X	
SSF	82.20	359	eP	41 01.20	0.1
	0.6s	3.80nm		4.6mb	
LBF	82.27	359	eP	41 01.30	-0.2
	1.0s	5.40nm		4.6mb	
AVF	82.47	359	eP	41 02.60	0.1
	0.7s	3.75nm		4.6mb	
SMF	82.61	359	eP	41 03.30	0.0
	0.7s	6.15nm		4.8mb	
MFF	82.65	1	eP	41 03.80	0.3
	0.7s	7.70nm		4.9mb	
TCF	82.98	360	eP	41 05.40	0.2
	0.9s	9.00nm		4.9mb	
MAF	83.05	360	eP	41 05.80	0.3
	0.8s	4.55nm		4.6mb	
RJF	83.96	0	eP	41 10.70	0.5
	0.5s	3.65nm		4.8mb	
LFF	84.32	1	eP	41 12.40	0.4
	1.1s	34.70nm		5.4mb	
CAF	84.34	360	eP	41 12.70	0.5
	0.9s	6.90nm		4.8mb	
LPO	84.58	1	eP	41 13.60	0.3
	1.1s	15.15nm		5.1mb	
HYB	84.71	291	eP	41 16.00	1.6
ASPA	85.59	223	P	41 18.39	-0.1
LMR	85.85	357	eP	41 20.10	0.4
	1.1s	15.65nm		5.1mb	
PGF	86.51	355	eP	41 23.30	0.2
	1.0s	22.20nm		5.3mb	

S.D. = 0.9 on 65 of 67 obs.

? OCT 02, 1992 17h 30m 33.81±1.02s
39.229 N ±8.1km 21.726 E ±9.9km
DEPTH = 5.0km (geophysicist)

GREECE (364)
MD 2.8 (ATH).

AGG	0.51	113	eP	30 43.84	-0.3
			eS	30 52.56	
LIT	1.05	34	eP	30 54.80	0.7
			eS	31 11.08	
KZN	1.08	2	ePb	30 54.00	-0.6
			eSb	31 12.10	
VLS	1.38	221	ePb	30 59.80	0.2
			eSb	31 21.50	
KEK	1.57	289	ePg	31 10.20	7.8X

S.D. = 1.0 on 4 of 5 obs.

OCT 02, 1992 17h 32m 11.97±0.74s
42.620 N ±6.1km 13.419 E ±7.4km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)

AQU	0.27	182	P	32 17.30	-0.3
			eSg	32 23.20	
MNS	0.59	247	P	32 24.50	0.5
			eSg	32 32.30	
AZI	0.63	179	P	32 28.00	3.4X
			eSg	32 37.00	
ASS	0.72	309	P	32 25.70	-0.4
			eSg	32 36.20	
ARV	0.95	338	P	32 30.10	0.1
			eSg	32 44.00	
CRE	1.47	314	P	32 38.60	0.0
HVAR	2.29	75	e(Pn)	32 50.60	0.2

% OCT 02, 1992 17h 52m 59.23±0.87s
39.460 N ± 7.8km 27.797 E ± 9.5km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

EDC 0.89 3 iPg 53 16.50 0.2
KCT 0.90 28 iPg 53 16.50 0.1
IZM 1.14 202 iPn 53 20.70 0.1
EZN 1.19 288 ePn 53 21.30 -0.2
YLV 1.64 47 ePn 53 28.00 -0.3
S.D. = 0.3 on 5 of 5 obs.

* OCT 02, 1992 19h 18m 13.69±0.97s
18.278 N ±14.6km 69.088 W ± 8.2km
DEPTH = 10.0km (geophysicist)
DOMINICAN REPUBLIC REGION (88)

MGP 1.92 98 P 18 47.00 0.3
LRS 2.13 89 P 18 49.70 -0.1
APR 2.25 85 P 18 51.70 0.2
CLLP 2.40 94 P 18 53.20 -0.4
GUAN 8.92 158 eP 20 25.70 0.0
IISM 26.81 276 eP 23 56.00 0.0
S.D. = 0.3 on 6 of 6 obs.

? OCT 02, 1992 19h 25m 16.09±2.76s
43.382 N ±55.8km 4.565 E ±17.0km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.6 (LDG).

LRG 1.31 86 Pn 25 40.30 0.0
LMR 1.42 91 Pn 25 42.20 0.3
FRF 1.53 83 Pn 25 43.10 -0.3
SBF 2.14 76 Pn 25 56.70 4.3X
CAF 2.37 311 Pn 25 55.80 0.1
LPO 2.76 299 Pn 26 01.00 -0.2
RJF 2.91 312 Pn 26 03.40 0.1
EPF 3.11 265 Pn 26 17.50 11.4X
S.D. = 0.3 on 6 of 8 obs.

OCT 02, 1992 19h 29m 55.14±0.22s
0.304 N ± 3.8km 122.618 E ± 5.5km
DEPTH = 106.5km (5 depth phases)
5.2mb (42 obs.)

MINAHASSA PENINSULA, SULAWESI (265)
CENTROID, MOMENT TENSOR (HRV)

Date Used: GDSN
L.P.B.: 21S, 29C
Centroid Location:
Origin Time 19:29:59.0 0.7
Lat 0.72N Lon 122.72E 0.07
Dep 90.1 5.8 Half-duration 1.0
Moment Tensor: Scale 10**16 Nm
Mrr= 2.60 0.31 Mtt=-3.04 0.43
Mff= 0.44 0.67 Mrt=-2.15 0.34
Mrf= 2.30 0.34 Mtf=-0.19 0.33
Principal Axes:
T Val= 4.55 Plg=57 Azm=242
N -0.70 24 109
P -3.85 22 9
Best Double Couple: Mo=4.2*10**16
NP1:Strike= 63 Dip=32 Slip= 39
NP2: 298 71 115

MNI 2.49 63 ePc 30 36.20 1.2
TSM 6.18 310 ePd 31 24.90 -0.5

KKM 8.57 312 ePc 31 59.50 1.4
0.6s 81.00nm 5.6mb

MTN 15.56 147 eP 33 30.50 0.7
0.3s 128.00nm 5.6mb
KNA 17.07 159 eP 33 50.20 1.6
0.6s 100.00nm 5.2mb

KGM 19.37 275 ePd 34 14.00 -1.2
MBL 21.50 187 iPc 34 36.70 -0.2
0.4s 53.00nm 5.2mb

IPM 21.98 281 ePc 34 42.00 0.4
0.6s 44.80nm 5.0mb
QIZ 22.44 327 eP 34 47.00 1.0
eS 38 45.00

WB2 23.18 151 iPd 34 53.30 0.1
0.4s 83.20nm 5.4mb
eS 38 58.80

GZH 24.38 339 P 35 06.80 2.1
LAT 25.30 106 eP 35 16.00 2.5
NNT 25.77 299 iPd 35 18.60 0.8
ASPA 26.23 156 iPc 35 21.50 -0.5
0.5s 47.20nm 5.3mb

QIS 26.57 142 eP 35 24.00 -1.2
0.4s 40.00nm 5.3mb
WARB 26.62 172 eP 35 25.00 -0.5
0.3s 18.00nm 5.2mb

LOE 26.67 311 iPd 35 27.00 0.9
NST 26.94 306 eP 35 30.50 2.0
MEEK 27.06 188 iPc 35 28.20 -1.4
0.3s 83.00nm 5.8mb

BDT 28.70 307 P 35 46.00 1.6
0.8s 6755.00nm 7.3mb X
CHG 29.64 310 iPc 35 53.50 0.7
1.0s 67.50nm 5.3mb

MRWA 30.03 192 iPc 35 55.10 -1.0
0.4s 41.00nm 5.5mb
CTA 30.77 133 iPc 36 03.00 0.2
i 36 10.00 24kmX

COOL 31.05 182 eP 36 03.00 -2.1
0.3s 6.00nm 4.8mb
WHN 31.08 346 Pc 36 06.80 1.5
1.2s 26.00nm 4.8mb

BAL 31.25 190 iPc 36 05.60 -1.2
0.4s 78.00nm 5.8mb
KMI 31.27 324 eP 36 10.00 2.6
1.5s 40.00nm 4.9mb

NJ2 31.78 354 Pd 36 11.60 0.2
1.2s 34.00nm 5.0mb
KLB 32.05 188 iPc 36 12.60 -1.2
0.4s 67.00nm 5.7mb

MUN 32.67 190 iPc 36 18.30 -0.9
1.0s 60.00nm 5.3mb
CD2 35.31 331 eP 36 42.00 0.1
0.6s 35.00nm 5.4mb

XAN 35.93 340 P 36 46.80 -0.3
1.0s 9.20nm 4.6mb
RMO 36.66 139 eP 36 53.00 -0.3
TSRJ 37.20 18 P 36 56.30 -1.4

ADE 38.18 158 iPd 37 06.70 0.7
TIY 38.39 347 eP 37 08.00 0.2
pP 37 33.90 113km
HNR 38.40 106 eP 37 07.00 -1.1

CMS 38.52 147 eP 37 09.30 0.5
1.2s 29.00nm 5.0mb
CHJJ 38.68 21 P 37 08.60 -1.6
MTMJ 38.75 20 P 37 09.60 -1.2

MAT 38.85 20 eP 37 10.00 -1.5
1.0s 33.00nm 5.1mb
LZH 39.65 336 eP 37 20.00 1.7
1.5s 41.00nm 5.0mb

NIIJ 39.75 21 P 37 18.80 -0.1
BJI 39.98 352 eP 37 20.50 -0.3
1.0s 20.00nm 4.9mb
pP 37 45.50 108km

YAMJ 40.95 21 P 37 28.00 -0.8
ARMA 41.17 140 eP 37 32.40 1.6
0.6s 14.00nm 4.9mb

HHC 41.59 347 P 37 34.40 0.3
0.8s 10.00nm 4.7mb
BFD 41.61 156 iPc 37 34.70 0.5
1.0s 45.00nm 5.2mb

BTO 41.71 346 eP 37 34.00 -1.1
LSA 41.87 317 iPc 37 38.80 1.8
1.0s 4.00nm 4.2mb X

BWA 42.16 148 eP 37 40.80 2.0
epP 37 48.20 25kmX
OFUJ 42.35 22 P 37 39.70 -0.5
CAN 43.15 148 eP 37 47.50 0.7
e 38 17.80 134kmX

i 38 26.60
AOMJ 43.20 20 P 37 47.70 0.6
TOO 43.21 153 iPd 37 48.90 1.6
0.7s 43.00nm 5.4mb

CNB 43.34 148 eP 37 49.60 1.2
GTA 44.15 334 Pc 37 56.00 1.0
1.5s 49.00nm 5.1mb
E 15s 5.96um

pP 38 20.00 102km
PP 39 37.00
ScP 43 18.00
S 44 20.00

MDJ 44.55 7 eP 37 56.50 -1.5
1.0s 15.00nm 4.7mb
MRRJ 45.10 19 eP 38 02.00 -0.3
HOOJ 45.83 21 eP 38 08.80 0.7

HYB 46.56 294 iPc 38 13.00 -1.3
0.8s 180.70nm 5.9mb
e 38 42.50 129kmX
KUSJ 46.98 22 eP 38 16.90 -0.3

ASAJ 47.13 20 eP 38 18.20 -0.1
DZM 48.15 120 iPc 38 26.80 0.1
CIT 52.07 353 eP 38 55.50 -0.6
ZAK 52.55 345 eP 38 59.00 -0.5
1.2s 8.00nm 4.6mb

e 40 05.50 312kmX
WMO 53.34 329 P 39 09.50 3.9X
1.2s 22.00nm 5.0mb
Z 20s 0.32um 4.4msz

S 46 30.00
KSH 57.66 318 P 39 38.20 1.4
1.0s 70.00nm 5.6mb
PRZ 57.74 322 eP 39 37.00 -0.4
1.0s 120.00nm 5.9mb

BOD 57.77 355 eP 39 36.50 -0.6
FRU 60.28 321 eP 39 54.00 -0.7
2.0s 40.00nm 5.2mb
e 40 11.00 64kmX

e 42 15.00
SEM 61.52 331 ePd 40 02.30 -0.7
1.4s 18.00nm 4.9mb
esP 40 42.50
eS 48 13.40

YAK 61.79 4 eP 40 00.10 -4.4X
0.9s 31.00nm 5.3mb
MGD 63.50 15 eP 40 15.00 -0.9
e 40 50.00 146kmX

ASH 69.73 311 eP 40 55.00 -0.7
TIK 71.33 2 eP 41 02.00 -2.7
i 41 29.00 106km

MOS 86.92 326 eP 42 28.00 -1.1
OBN 87.47 325 iPd 42 30.50 -1.2
1.5s 70.00nm 5.5mb
SPA 90.30 180 ePd 42 45.80 0.7
0.7s 1.09nm 4.1mb X

UZH 96.60 319 eP 43 13.00 -1.2
1.2s 80.00nm 6.1mb
e 43 20.50 23kmX
GEC2 102.13 320 ePd diff 43 34.60 -4.6X
1.1s 1.50nm 4.6mb

BSF 106.84 321 ePKP 48 28.90 19.0X
1.1s 6.60nm
KIC 127.05 278 PKP 48 48.20 -1.2
TIC 127.30 279 PKP 48 48.50 -1.4

LIC 127.35 278 PKP 48 48.80 -1.2
PEL 145.02 160 iPKPc 49 22.00 -0.1
1.2s 85.94nm
TLL 147.67 158 iPKPd 49 29.00 2.2X

CNCB 160.56 148 PKP 49 46.80 2.0
LPB 160.72 147 ePKP 49 41.00 -3.8X
ZOB0 160.90 147 PKP 49 45.20 -0.1
LR 22 10.00

SIV 163.99 167 (PKP) 49 38.00 -9.6X
i 50 42.00

S.D. = 1.2 on 84 of 91 obs.

OCT 02, 1992 20h 15m 21.52±1.57s
47.826 N ± 7.4km 0.999 W ± 20.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (LDG).

LPF 0.21 352 Pg 15 26.00 0.0
Sg 15 31.70
GRR 0.57 9 Pg 15 32.90 -0.2
Sg 15 43.40
LDF 0.97 37 Pg 15 40.10 0.2
FLN 1.00 20 Pg 15 40.50 0.1
Sg 15 56.80
MFF 1.36 154 Pg 15 40.40 -6.0X
Sg 15 55.70
LSF 2.34 131 Pg 16 00.00 -0.6
Sg 16 28.40
RJF 3.06 145 Pg 16 11.40 0.6
Sg 16 50.10

S.D. = 0.5 on 6 of 7 obs.

OCT 02, 1992 21h 06m 36.82±0.97s
32.987 N ± 6.9km 137.910 E ± 5.1km
DEPTH = 322.6 ± 9.2 km
4.4mb (31 obs.)

SOUTH OF HONSHU, JAPAN (211)

MAT 3.56 4 iPd 07 40.70 0.6
is 08 29.30
MDJ 13.29 333 eP 09 34.60 -0.9
1.0s 28.00nm 4.6mb
SSE 14.31 267 Pc 09 48.60 0.8
1.0s 18.00nm 4.4mb
eS 14 40.00
SNY 14.39 312 Pc 09 47.80 -0.8
CN2 14.54 322 eP 09 49.00 -1.3
1.0s 11.00nm 4.2mb
BJI 18.81 298 eP 10 35.00 0.2
1.5s 260.00nm 5.3mb
eS 13 52.00

TIY 21.28 290 Pd 11 01.00 1.9
1.0s 29.00nm 4.6mb
HHC 22.42 298 Pc 11 11.00 0.9
1.2s 57.00nm 4.8mb
BTO 23.53 297 eP 11 21.00 0.6
XAN 24.16 281 Pd 11 25.60 -0.6
0.6s 25.00nm 4.8mb
sP 11 39.70

GYA 27.84 265 iPc 12 02.00 2.5
0.8s 9.40nm 4.3mb
LZH 28.15 286 eP 12 01.50 -0.7
1.5s 30.00nm 4.5mb
CD2 28.98 275 iPc 12 09.00 -0.4
0.7s 50.00nm 5.1mb

GTA 31.24 293 Pd 12 29.50 0.4
1.5s 17.00nm 4.3mb
CHG 37.56 258 eP 13 22.00 -0.6
GUN 44.77 278 P 14 21.74 0.4
PKI 45.28 278 P 14 25.18 -0.1
0.7s 36.00nm 4.8mb

KKN 45.31 278 P 14 25.46 0.8
0.9s 107.00nm 5.1mb

DMN 45.52 278 P 14 27.12 0.0
GKN 45.77 279 P 14 28.74 -0.3

BRW 51.24 22 ePd 15 10.33 0.5
BGL 52.03 35 eP 15 15.95 0.1
CRP 52.14 35 eP 15 14.64 -2.1

SPU 52.19 35 eP 15 16.44 -0.5
WB2 52.74 184 eP 15 19.90 -1.5
0.2s 10.30nm 4.9mb

WRA 52.74 184 P 15 20.60 -0.8
0.6s 2.10nm 3.7mb
FBA 54.05 30 eP 15 30.54 0.1
0.6s 7.29nm 4.2mb

KLU 55.12 35 eP 15 37.84 -0.5
HY8 55.24 269 ePc 15 39.10 -0.5
ASPA 56.47 184 iPc 15 47.60 -0.4
0.6s 6.30nm 4.2mb

BALM 56.90 35 eP 15 50.11 -0.7
GBA 58.04 266 P 15 59.30 0.2
WARB 59.81 192 eP 16 10.40 -0.5

MBC 61.20 15 eP 16 19.50 -0.2
0.5s 6.00nm 4.4mb
YKA 68.74 28 eP 17 05.80 -1.9
0.9s 5.40nm 4.3mb

KAF 70.57 332 iP 17 18.20 -0.5

0.5s 1.70nm 4.0mb
NUR 72.14 331 iP 17 27.50 -0.5
0.2s 1.10nm 4.2mb
GMW 72.15 45 eP 17 29.67 1.3
DPW 74.64 43 eP 17 43.24 0.5
NEW 75.04 42 eP 17 45.00 0.0
1.0s 17.50nm 4.7mb

HFS 76.55 335 eP 17 51.90 -1.1
0.4s 1.40nm 4.0mb
Z 18s 38.00um 6.8Msz

LR 48 39.00
NB2 76.77 336 P 17 53.60 -0.6
0.9s 5.30nm 4.3mb

SES 77.11 38 eP 17 56.00 -0.3
LRM 79.06 42 eP 18 07.70 0.5
LCCM 79.37 42 eP 18 09.40 0.6

TNP 80.64 51 eP 18 16.62 1.0
0.9s 9.83nm 4.6mb
DUG 82.20 47 eP 18 24.68 1.1
0.7s 5.21nm 4.5mb

BW06 82.56 43 eP 18 25.10 -0.4
1.0s 5.00nm 4.3mb
CLL 83.11 329 iPc 18 27.60 -0.1
1.0s 8.00nm 4.5mb

MSU 83.60 48 eP 18 32.06 1.3
EMUT 83.65 46 eP 18 32.09 1.1
SRU 84.26 47 iPc 18 34.67 0.7

GEC2 84.57 327 P 18 35.10 -0.1
0.6s 0.91nm 3.8mb
RSSD 84.77 40 eP 18 36.57 0.1
0.7s 3.28nm 4.3mb

ALQ 89.41 48 eP 19 00.08 1.2
0.7s 1.97nm 4.2mb
ZOBO 151.19 61 PKP 25 54.60 6.4X
LPB 151.37 61 ePKP 25 54.00 5.8X

CNCB 151.64 62 PKP 25 56.00 7.2X
SIV 155.89 50 (PKP) 25 56.00 2.0X
S.D. = 0.9 on 55 of 59 obs.

* OCT 02, 1992 21h 27m 36.85±0.84s
1.339 N ± 11.7km 129.207 E ± 16.8km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)

HALMAHERA, INDONESIA (267)

MNI 4.37 271 ePd 28 42.00 -0.6
WB2 21.74 167 eP 32 26.10 -1.5
0.8s 10.30nm 4.3mb
i 32 33.00

ASPA 25.27 170 eP 33 01.60 -0.3
0.9s 15.20nm 4.6mb
QIZ 25.87 314 eP 33 02.40 -5.1X

WARB 27.47 185 eP 33 24.00 1.9
CHG 34.37 302 eP 34 22.00 -1.2
MAT 36.00 12 (P) 34 37.00 0.1

ARMA 38.13 148 iPc 35 03.10 8.2X
1.0s 54.00nm 5.4mb
LZH 41.81 329 eP 35 25.00 -0.4
1.5s 30.00nm 4.8mb

HHC 42.45 340 eP 35 25.80 -4.7X
GTA 46.41 328 P 36 01.50 -0.8
1.2s 6.00nm 4.4mb
pP 36 08.50 23kmX

GUN 49.13 307 P 36 25.40 1.4
PKI 49.36 306 P 36 27.90 2.0
KKN 49.56 306 P 36 25.80 -1.4

DMN 49.62 306 P 36 29.40 1.6
GKN 50.16 306 P 36 31.00 -0.8
TAB 83.57 308 eP 40 13.00 9.5X

S.D. = 1.4 on 13 of 17 obs.

& OCT 02, 1992 21h 42m 18.03s
34.035 N 117.187 W
DEPTH = 6.2km

SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 3.0 (GS).

Felt (IV) at Bryn Mowr,
Highland, Redlands and San
Bernardino.

PEC 0.14 171 iPc 42 21.04 -0.1
SSK 0.45 293 iPc 42 26.63 -0.6
VPD 0.53 246 iPc 42 28.04 -0.5

S 42 35.72
PEM 0.58 283 iPc 42 28.94 -0.8
FLAS 0.68 256 eP 42 31.29 -0.3
S 42 41.02

PLM 0.73 158 iPc 42 31.41 -1.3
S 42 40.77
MWC 0.75 285 iPc 42 31.75 -1.2
PAS 0.82 278 eP 42 33.06 -1.3
S 42 44.47

GFP 0.94 276 eP 42 34.75 -1.5
S 42 47.22
DHB 1.00 269 eP 42 36.86 -0.4
PVRC 1.02 254 iPd 42 36.65 -1.1
S 42 50.65

PVPS 1.04 257 ePc 42 36.79 -1.2
S 42 51.04
SCY 1.05 274 eP 42 36.61 -1.6
TPRS 1.16 273 eP 42 39.11 -1.0

CIW 1.27 244 eP 42 39.97 -2.0
GSC 1.30 14 iPc 42 41.85 -0.7
S 42 57.18
ABL 1.87 296 ePn 42 50.18 -0.8

ISA 1.94 327 ePn 42 50.51 -1.4
iPg 42 53.38
S 43 18.92
GLA 2.20 116 eP 42 53.49 -2.2

TPNV 3.01 14 (P) 43 06.05 -1.2
PHAM 3.19 305 ePn 43 10.03 0.3
BONR 4.01 347 ePn 43 21.17 -0.5

TNP 4.04 360 (Pn) 43 22.69 0.8
MSU 6.03 41 (P) 43 58.52 8.4
24 obs. associated

& OCT 02, 1992 21h 59m 11.92s
58.486 N 156.855 W
DEPTH = 0.0km

ALASKA PENINSULA (12)
<AEIC>. ML 3.7 (AEIC).

MCNL 1.49 61 eP 59 37.57 -2.4
eS 59 58.22
CDD 1.73 74 eP 59 41.01 -2.5
S 00 06.08

PDB 1.89 45 eP 59 43.39 -2.4
S 00 09.48
AUW 1.97 62 eP 59 45.79 -1.1
eS 00 10.57

AUI 1.97 63 eP 59 45.64 -1.3
S 00 11.12
AUH 1.98 62 eP 59 45.18 -1.9
S 00 10.79

AUP 1.99 62 eP 59 45.68 -1.6
AUL 1.99 62 eP 59 45.57 -1.6
OPT 2.21 56 eP 59 48.11 -2.3

SYI 2.34 85 eP 59 50.81 -1.5
INW 2.48 49 eP 59 51.91 -2.5
INE 2.51 49 eP 59 52.05 -2.7

SVW 2.70 13 P 59 55.40 -2.1
RED 2.85 45 eP 59 57.97 -1.6
RDW 2.88 44 eP 59 58.04 -2.0

RS1 2.88 45 eP 59 58.55 -1.6
RS2 2.88 45 eP 59 57.97 -2.2
NCT 2.89 42 eP 59 57.56 -2.6

DFR 2.99 43 eP 59 59.23 -2.4
19 obs. associated

* OCT 02, 1992 22h 20m 15.73±3.38s
32.945 S ± 16.0km 71.617 W ± 21.2km
DEPTH = 10.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

ROCH 0.51 93 iPd 20 26.27 0.1
is 20 35.79

LCCH 0.53 176 iPd 20 26.72 0.3
is 20 36.66

PEL 0.81 104 iP+ 20 31.51 0.1
is 20 44.76

JACH 0.90 73 iP+ 20 31.41 -1.7
is 20 44.77

TACH 0.91 141 iPd 20 33.10 0.0
is 20 47.97

LNV 1.02 170 iP+ 20 34.15 -0.9
is 20 50.60

PCH 1.14 126 iP 20 37.30 0.1
is 20 55.62

FCH 1.18 109 iPd 20 37.33 -0.6
is 20 55.52

CHCH 1.27 141 iP 20 39.23 -0.2
is 20 59.69

CACH 1.44 144 iPd 20 42.73 0.7

MDZ 2.33 89 iS 21 05.55
eP 20 56.80 2.0
iS 21 31.60
S.D. = 1.0 on 11 of 11 obs.

* OCT 02, 1992 22h 48m 56.79±2.48s
1.223 N ± 9.7km 129.150 E ± 14.1km
DEPTH = 76.9 ± 24.5 km
4.9mb (11 obs.)

HALMAHERA, INDONESIA (267)

MNI 4.31 273 eP 50 01.50 0.1
MTN 14.12 172 eP 52 07.00 -7.5X
PMG 20.81 121 eP 53 36.00 1.8
WB2 21.65 167 eP 53 40.40 -2.2
0.7s 22.30nm 4.7mb

OIS 23.95 155 iPd 54 04.70 -0.3
ASPA 25.17 170 eP 54 15.70 -1.0
0.8s 23.70nm 4.7mb
iS 58 48.90

OIZ 25.91 314 eP 54 21.40 -2.1
WARB 27.35 185 eP 54 39.00 2.3
HNR 32.45 110 P 55 20.00 -2.0
CHG 34.39 302 eP 55 38.00 -0.8
KMI 34.85 315 eP 55 44.00 1.1
1.5s 30.00nm 5.0mb

CMS 36.18 155 eP 55 53.00 -0.8
0.7s 4.00nm 4.5mb
XAN 37.74 332 P 56 06.90 0.0
1.2s 18.00nm 4.9mb

ARMA 38.06 148 iPc 56 10.10 0.3
0.8s 51.00nm 5.5mb
CD2 38.08 323 P 56 10.50 0.6
TIY 39.44 339 Pc 56 21.40 0.3

BWA 39.81 155 eP 56 25.10 0.9
i 56 31.90
BJI 40.40 345 eP 56 28.50 -0.4
1.0s 22.00nm 5.0mb

CAN 40.82 155 eP 56 32.80 0.4
TOO 41.46 160 eP 56 38.40 0.7
LZH 41.88 329 Pd 56 42.50 1.2
1.5s 62.00nm 5.2mb

Z 17s 0.34um 4.3mszX
pP 56 54.50 44kmX
HHC 42.54 340 Pc 56 47.00 0.4
1.0s 11.00nm 4.6mb

BTO 42.86 338 eP 56 48.60 -0.6
MDJ 43.21 0 eP 56 53.70 1.9
LSA 45.90 312 P 57 15.40 1.2
GTA 46.48 328 Pd 57 17.50 -0.7
1.2s 16.00nm 4.8mb

HYB 52.25 291 eP 58 02.10 -0.7
WMO 56.15 325 P 58 31.00 0.1
YAK 60.64 0 eP 59 00.00 -1.7
1.6s 59.00nm 5.5mb

OBN 90.47 325 eP 01 47.00 -4.1X
e 02 06.00
BTH 116.73 321 iPKPd 07 25.40 -8.7X
i(Pg)c 07 26.30
i(Sg) 07 26.90

CNCB 157.10 134 ePKP 08 49.00 2.6X
ZOBO 157.33 132 PKPc 08 49.20 2.5X
S.D. = 1.3 on 28 of 33 obs.

OCT 02, 1992 23h 06m 28.15±0.76s
42.377 N ± 7.0km 1.848 E ± 3.9km
DEPTH = 21.9 ± 4.4 km
PYRENEES (378)
ML 3.0 (LDG), 2.7 (STR), mblg
3.0 (MDD).

GRBF 0.52 334 Pg 06 37.98 -0.6
LSPF 0.57 4 Pg 06 39.25 -0.2
SALF 0.62 308 Pg 06 39.66 -0.6
ETER 0.75 95 ePg 06 42.90 0.5
eSg 06 53.50

MTHF 0.76 42 Pg 06 42.55 0.0
PERF 0.77 82 Pg 06 43.03 0.3
LESF 0.78 328 Pg 06 42.78 -0.1
MLS 0.80 316 Pg 06 43.30 0.0
Sg 06 53.50

EPF 1.29 301 Pn 06 51.30 0.3
Pg 06 51.80
Sg 07 07.60

EGRA 1.62 264 iPg 06 51.30 -4.3X
eSg 07 07.50
EROQ 1.89 215 ePn 07 03.70 4.1X
eSn 07 28.60

LPO 2.36 348 Pn 07 07.60 1.4
Pg 07 11.40
Sg 07 42.40
CAF 2.55 3 Pn 07 10.10 1.0
Pg 07 15.40
Sg 07 47.40

LFF 2.69 343 Pn 07 12.00 1.1
Pg 07 18.20
Sg 07 52.10
RJF 2.94 355 Pn 07 14.90 0.4
Pg 07 22.50
Sn 07 49.00
Sg 08 01.00

LBL 3.03 19 Pn 07 15.52 -0.3
Sg 08 04.29
ECRI 3.23 276 ePn 07 19.00 0.2
eSn 07 58.50
ETOR 3.31 243 ePn 07 22.00 2.1X
PYM 3.48 14 Pn 07 23.27 1.1
LRG 3.49 70 Pn 07 23.00 0.7
Sn 08 02.30

LMR 3.56 73 Pn 07 24.00 0.7
Sn 08 03.20
FRF 3.72 70 Pn 07 26.10 0.5
Sn 08 07.50

AGO 3.79 14 Pn 07 26.38 -0.2
PLDF 3.81 19 Pn 07 25.15 -1.8
MAF 3.88 7 Pn 07 27.80 0.0
Pg 07 40.10
Sg 08 29.50

LSF 3.88 357 Pn 07 27.50 -0.3
Pg 07 39.70
Sg 08 28.90
TCF 3.92 4 Pn 07 29.20 0.8
Pg 07 40.80
Sn 08 13.30

BGF 4.24 9 Pg 08 30.20
Sg 08 30.20
MFF 4.46 342 Pn 07 46.60 13.6X
Sg 08 41.70
Pg 07 35.70 -0.4
Pg 07 51.30
Sn 08 24.90
Sg 08 48.00

SMF 4.50 18 Pg 07 52.70 16.0X
Sg 08 50.20
AVF 4.54 13 Pg 07 52.30 15.0X
Sg 08 51.90
SSF 4.83 14 Pg 07 57.50 16.2X
Sg 09 00.10
LBF 4.85 18 Pg 07 58.10 16.4X
Sg 09 01.40

LOR 5.10 16 Pg 08 02.80 17.7X
Sg 09 09.00
PGF 5.29 86 Pn 07 46.20 -1.8
Sn 08 43.80

S.D. = 0.8 on 26 of 35 abs.

? OCT 02, 1992 23h 27m 05.15±1.83s
17.491 N ± 17.6km 62.261 W ± 14.7km
DEPTH = 33.0km (normal)

LEEWARD ISLANDS (92)
MD 2.5 (TRN).

CPB 0.44 70 eP 27 14.77 -0.1
eS 27 22.28
NEV 0.46 220 eP 27 15.38 0.2
eS 27 22.87
BPA 0.59 139 eP 27 17.39 0.4
eS 27 27.40
MGH 0.77 177 eP 27 19.10 -0.4
eS 27 32.82

S.D. = 0.6 on 4 of 4 obs.

? OCT 03, 1992 00h 53m 02.24±5.79s
10.531 N ± 31.8km 60.716 W ± 40.2km
DEPTH = 10.0km (geophysicist)

TRINIDAD (98)
MD 2.9 (TRN).

TBH 0.35 262 eP 53 08.73 -0.7
eS 53 20.11
PIC 0.64 349 eP 53 15.44 0.4
eS 53 27.11

TPR 0.65 355 eP 53 14.78 -0.5
TRN 0.68 280 eP 53 16.04 0.2
eS 53 29.61
TPP 0.75 254 eP 53 17.42 0.5
eS 53 30.77

GRW 1.86 330 eP 53 42.70 8.1X
eS 53 59.38
SVV 2.81 350 eP 53 59.23 11.1X
eS 54 19.88

S.D. = 0.8 on 5 of 7 obs.

OCT 03, 1992 01h 39m 50.42±0.46s
42.197 N ± 4.1km 19.468 E ± 4.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.4 (TIR), 2.0 (TTG).

SDA 0.15 171 iPg 39 54.40 0.6
iSg 39 58.00
TTG 0.28 327 iPg 39 56.92 0.7
iSg 40 02.04

ULC 0.28 215 iPg 39 56.65 0.2
iSg 40 01.82
BDV 0.48 280 iPg 40 00.47 0.2
iSg 40 08.67

PVY 0.55 43 iPg 40 00.39 -1.1
iSg 40 08.37
LACI 0.59 162 iPg 40 00.70 -1.6
NKY 0.71 331 iPg 40 04.27 -0.2
iSg 40 15.35

KKS 0.71 100 ePg 40 07.00 2.5
IVA 0.75 25 iPg 40 04.28 -0.8
iSg 40 15.49
HCY 0.76 290 iPg 40 05.42 0.1
iSg 40 17.72

PHP 0.89 125 ePg 40 07.50 0.0
iSg 40 18.80
TIR 0.90 161 ePg 40 06.70 -0.9
BRY 0.98 316 iPg 40 09.15 0.0
iSg 40 24.40

PLE 1.13 357 iPg 40 11.59 -0.1
iSg 40 28.65
SKO 1.48 98 ePn 40 17.50 0.3
iSg 40 40.70

S.D. = 1.0 on 15 of 15 obs.

OCT 03, 1992 02h 24m 16.00±0.74s
43.051 N ± 9.0km 0.381 W ± 4.5km
DEPTH = 5.0km (geophysicist)
PYRENEES (378)
ML 2.4 (LDG), Felt (IV) in the
Ossau Valley, France.

OGE 0.14 330 Pg 24 18.61 -0.2
ESCF 0.14 281 Pg 24 19.06 0.1
Sg 24 20.93

BTH 0.15 60 iPg+ 24 19.00 0.0
i(Sg) 24 22.00
LHE 0.22 232 Pg 24 20.84 0.3
Sg 24 24.22

ATE 0.24 279 Pg 24 20.75 -0.1
Sg 24 23.90
ISSF 0.30 266 Pg 24 22.34 0.2
Sg 24 26.78

MADF 0.33 287 Pg 24 22.25 -0.5
Sg 24 27.56
EPF 0.53 92 Pg 24 26.30 -0.3
Sg 24 33.50

LPO 1.99 34 Pg 24 52.90 2.3
Sg 25 18.60
LFF 2.05 23 Pg 24 54.80 3.2X
Sg 25 20.50

CAF 2.57 42 Pn 24 57.40 -1.7
Pg 25 03.40
Sg 25 35.50
RJF 2.63 31 Pg 25 05.10 5.2X
Sg 25 39.50

S.D. = 1.1 on 10 of 12 obs.

OCT 03, 1992 02h 26m 01.94±0.89s
41.842 N ± 8.8km 20.084 E ± 5.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.4 (TIR), 2.1 (TTG).

PHP 0.31 120 ePg 26 07.80 -0.6
iSg 26 14.30

03d 02h

KKS	0.34	46	ePg	26	10.60	1.7
LACI	0.35	234	ePg	26	14.50	5.4X
			iSg	26	17.80	
SDA	0.48	296	iPg	26	13.00	1.2
			iSg	26	19.80	
ULC	0.63	281	iPg	26	14.29	-0.4
			iSg	26	24.21	
PVY	0.76	354	iPg	26	15.62	-1.2
			iSg	26	26.84	
TTG	0.85	314	iPg	26	17.56	-0.7
			iSg	26	30.55	
SKO	1.02	82	ePg	26	34.10	12.9X
			eSg	26	37.60	
BDV	1.03	296	iPg	26	21.35	-0.1
			iSg	26	36.84	
IVA	1.04	352	iPg	26	20.62	-1.0
			iSg	26	36.05	
NKY	1.26	321	iPg	26	25.11	-0.3
			iSg	26	44.04	
HGY	1.33	298	iPg	26	26.84	0.4
			iSg	26	46.47	
BRY	1.56	313	iPg	26	30.85	1.0
			iSg	26	53.34	

S.D. = 1.1 on 11 of 13 obs.

OCT 03, 1992 03h 11m 58.40±0.62s
 40.815 N ± 6.4km 21.676 E ± 4.6km
 DEPTH = 5.0km (geophysicist)
 GREECE (364)
 MD 2.6 (THE).

FNA	0.23	262	iPg	12	03.14	0.0
			eSg	12	06.62	
GRG	0.57	75	ePg	12	09.5B	-0.2
			eSg	12	18.10	
VAY	0.84	53	iPn	12	14.70	-0.5
			iSn	12	27.00	
LIT	0.95	139	iPg	12	16.26	-0.6
			eSg	12	29.42	
THE	1.00	100	ePg	12	17.86	0.1
			eSg	12	32.26	
SKO	1.17	351	ePg	12	20.80	0.1
SOH	1.27	89	iPbc	12	23.30	0.8
			eSb	12	40.3B	
SRS	1.48	78	ePb	12	25.58	-0.2
			eSb	12	45.42	
PAIG	1.77	119	ePb	12	30.30	0.4
			eSb	12	55.26	

S.D. = 0.5 on 9 of 9 obs.

? OCT 03, 1992 03h 32m 19.7B±1.00s
 8.710 S ±11.6km 76.035 W ±21.0km
 DEPTH = 100.0km (geophysicist)
 4.6mb (4 obs.)
 CENTRAL PERU (116)

ARE	8.89	151	eP	34	45.00	17.5X
ZOBO	10.78	135	eP	34	53.00	-0.3
LPB	10.97	136	eP	35	52.00	56.4X
CNCB	11.24	137	P	35	02.20	2.8
CCH	12.92	133	eP	35	20.00	-1.2
SIV	16.30	118	P	36	01.60	-2.6X
TOV	19.40	19	eP	36	40.70	0.0
MORO	20.91	22	eP	36	56.70	0.4
PPD	27.21	122	eP	37	44.30	-12.0X
PDCR	36.46	99	eP	39	23.90	6.9X
EEO	55.17	357	eP	42	03.00	18.9X
LMN	55.24	10	eP	41	47.00	2.4X
ULM	61.21	346	eP	42	58.00	31.8X
LIC	72.32	81	P	43	35.60	-1.4
			e	43	46.00	
TIC	72.41	80	P	43	36.30	-1.3
KIC	72.63	81	P	43	37.60	-1.2
	0.4s				6.50nm	4.8mb
			e	43	48.00	
YKA	76.96	343	eP	44	32.30	29.7X
	0.5s				0.80nm	
SPA	81.35	180	iPd	44	26.40	-0.1
	0.9s				5.45nm	4.4mb
EVIA	82.77	49	iP	44	35.40	1.1
GRR	86.76	40	eP	45	08.60	14.7X
	1.0s				19.00nm	
LFF	86.86	44	eP	44	55.10	0.7
	0.6s				6.05nm	4.8mb
LPO	87.10	44	eP	44	56.30	0.7
	0.5s				2.05nm	4.4mb

FLN	87.11	40	eP	45	11.10	15.6X
	0.9s				8.70nm	
MBC	88.51	351	eP	45	02.50	0.8
LPL	91.11	44	eP	45	30.30	15.5X
	0.6s				3.80nm	
WRA	138.71	226	PKP	51	35.70	-1.0
	0.6s				1.60nm	

S.D. = 1.3 on 14 of 26 obs.

OCT 03, 1992 04h 33m 31.63±0.66s
 42.728 N ± 7.7km 2.073 E ± 4.7km
 DEPTH = 10.0km (geophysicist)
 PYRENEES (378)
 ML 2.4 (LDG).

TRGS	0.24	199	Pg	33	36.73	-0.1
			Sg	33	40.00	
MTHF	0.40	58	Pg	33	39.91	0.1
GRBF	0.41	286	Pg	33	39.72	-0.3
PERF	0.64	112	Pg	33	43.99	-0.5
SALF	0.65	273	Pg	33	43.73	-1.0
LESF	0.65	298	Pg	33	44.21	-0.5
EPF	1.31	284	Pg	33	56.70	0.8
			Sg	34	13.30	
LPO	2.06	342	Pg	34	11.40	4.8X
			Sn	34	30.50	
			Sg	34	38.00	
CAF	2.20	360	Pg	34	14.00	5.3X
			Sg	34	41.30	
LFF	2.41	337	Pg	34	18.00	6.3X
			Sg	34	47.30	
RJF	2.61	351	Pg	34	20.90	6.4X
			Sg	34	53.00	

S.D. = 0.7 on 7 of 11 obs.

& OCT 03, 1992 05h 51m 41.46s
 19.328 N 155.072 W
 DEPTH = 1.8km
 4.0mb (4 obs.)
 HAWAII (613)
 <HVO-P>. MD 4.3 (HVO). Felt (V)
 at Pepeekea and (IV) at Hilo,
 Monomu and Pahala. Also felt at
 Volcano and in the Kona
 District. Felt throughout much
 of the southeastern part of the
 island of Hawaii.

KLCH	0.08	3	iPd	51	43.90	0.8
STCH	0.08	319	iPd	51	44.06	0.9
			eS	51	45.86	
MKA	0.10	294	iPd	51	44.39	1.0
HUL	0.13	44	iPd	51	44.69	0.7
			eS	51	46.80	
PUH	0.15	289	iPd	51	45.16	0.8
			eS	51	47.98	
PWH	0.15	253	iPd	51	45.72	1.2
FEF	0.17	334	iPd	51	45.48	0.7
MVH	0.18	3	iPd	51	45.58	0.6
ESR	0.18	298	iPd	51	45.73	0.7
AHA	0.19	284	iPd	51	45.95	0.7
			eS	51	49.16	
PKL	0.19	48	iPd	51	45.66	0.3
KNH	0.21	272	iPd	51	46.31	0.7
RIM	0.21	290	iPd	51	46.11	0.5
OUT	0.21	287	iPd	51	46.19	0.6
NPH	0.22	293	iPd	51	46.18	0.3
			eS	51	49.72	
HLP	0.23	263	iPd	51	46.83	0.8
UWE	0.23	294	iPd	51	46.50	0.4
			eS	51	50.56	
RSD	0.24	305	iPd	51	46.69	0.5
POH	0.24	58	ePc	51	46.92	0.6
CPK	0.25	285	iPd	51	46.73	0.2
HBH	0.26	39	ePd	51	46.88	0.2
KPO	0.28	52	iPd	51	47.20	0.2
MLX	0.29	297	ePd	51	47.47	0.2
DES	0.30	272	iPd	51	47.60	0.2
HTC	0.32	254	ePd	51	48.67	0.8
KFH	0.34	286	iPd	51	48.68	0.4
MLH	0.34	299	ePd	51	48.50	0.2
			eS	51	53.44	
AIN	0.37	277	ePc	51	48.95	0.1
HIL	0.39	358	iPd	51	49.80	0.5
			iS	51	56.10	
PPL	0.41	246	ePc	51	49.98	0.4
WOH	0.41	259	ePd	51	50.04	0.3

PLL	0.42	299	ePd	51	49.65	-0.2
TRH	0.46	281	ePd	51	50.69	0.0
HMH	0.48	305	ePd	51	50.76	-0.3
WIH	0.50	286	ePd	51	51.23	-0.3
HPO	0.51	243	eP	51	52.24	0.5
SWH	0.52	284	ePd	51	51.32	-0.5
KHU	0.52	261	ePc	51	51.44	-0.5
MWH	0.52	288	ePd	51	51.55	-0.4
WOB	0.53	294	ePd	51	51.60	-0.4
DAH	0.56	273	ePc	51	51.90	-0.8
HPU	0.58	321	ePd	51	52.55	-0.5
SPT	0.66	239	ePd	51	53.58	-1.0
KIH	0.68	286	ePc	51	53.62	-1.4
			eS	52	03.14	
KUH	0.76	265	eP	51	54.41	-2.2
WKH	0.77	314	ePc	51	54.86	-1.9
HUH	0.81	296	eP	51	55.81	-1.8
CPH	0.81	281	eP	51	56.08	-1.6
KKH	0.95	290	iPd	51	57.17	-3.1
KOH	1.04	320	ePc	51	58.31	-3.6
MHA	1.16	318	ePn	51	59.71	-4.2
			S	52	16.73	
HKL	1.77	321	eP	52	08.73	-5.0
DHJ	3.21	307	eP	52	28.33	-5.6
PV10	44.05	54	eP	59	56.90	3.9
BW06	44.78	48	eP	00	00.80	2.0
	1.0s				4.17nm	4.3mb
ALO	45.53	60	eP	00	05.80	1.0
	0.8s				0.75nm	3.7mb
FBA	45.80	4	eP	00	04.69	-1.5
	1.3s				8.49nm	4.6mb
WRA	79.41	245	P	03	59.70	8.4
	0.8s				0.20nm	3.2mb

58 obs. associated

? OCT 03, 1992 06h 55m 23.76±2.09s
 4.123 S ±19.9km 146.298 E ±15.0km
 DEPTH = 144.0 ± 17.8 km
 4.9mb (3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT	2.62	165	eP	56	06.80	0.2
MNDI	3.32	232	iP	56	15.00	-0.8
PMG	5.32	171	eP	56	43.00	0.8
CTA	15.87	180	iPd	59	10.20	9.7X
MTN	17.31	239	eP	59	18.00	-0.3
WB2	19.57	216	iPc	59	52.80	10.0X
	0.7s				57.50nm	5.1mb
KNA	20.75	235	eP	59	56.00	1.2
ASPA	22.82	210	eP	00	21.40	6.3X
	0.9s				33.00nm	4.8mb
BRS	23.95	166	iPd	00	24.80	-1.2
			i	00	39.50	
WARB	28.91	219	eP	01	16.00	4.6X
PKI	66.55	302	P	06	02.00	0.9
KKN	66.73	302	P	06	01.80	-0.2
	0.8s				17.00nm	5.0mb
GKN	67.34	303	P	06	05.20	-0.6

S.D. = 1.1 on 9 of 13 obs.

OCT 03, 1992 07h 00m 34.18±0.65s
 30.870 S ± 5.1km 71.344 W ±10.7km
 DEPTH = 73.1 ± 10.3 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.6 (SAN).

JACH	1.92	161	eP	01	04.84	-0.6
			iS	01	29.21	
ROCH	2.11	172	eP	01	07.88	-0.4
			iS	01	34.57	
IHA	2.16	187	iPc	01	08.50	-0.2
			i	01	16.80	
			iS	01	35.80	
PEL	2.34	166	eP	01	11.27	0.1
			iS	01	39.20	
ZON	2.38	107	eP	01	11.00	-0.8
LCCH	2.60	184	iPd	01	14.28	-0

CHCH	3.11	169	iP+	01	22.15	0.2	MEMM	11.97	330	iPd	40	21.32	2.0	FBA	43.91	339	eP	45	33.15	-0.9	
CACH	3.30	169	eP	01	25.48	0.8	MRX	12.13	128	(P)	40	40.00	18.4X		1.4s		13.56nm			4.6mb	
			iS	02	02.75		LLA	12.18	321	eP	40	21.75	-0.4	SVW	44.72	331	iPc	45	39.27	-1.4	
ANT	7.18	7	eP	02	20.20	1.5	PRS	12.22	318	eP	40	21.27	-1.5		0.9s		25.62nm			5.1mb	
CCH	14.24	21	eP	04	01.00	7.1X	EMUT	12.28	2	ePd	40	24.44	0.6	TTA	45.76	333	eP	45	47.59	-1.4	
CNCB	14.33	13	P	03	55.00	-0.3	DUG	12.71	355	iPd	40	30.93	1.5		1.0s		3.61nm			4.3mb	
ARE	14.34	359	eP	04	11.00	15.8X			eS	44	08.75		IMA	46.57	338	eP	45	54.03	-1.4		
ZOBO	14.81	12	P	04	00.80	-0.8	KVN	12.81	336	eP	40	32.22	1.4		1.6s		20.02nm			4.9mb	
	Z	20s					CM8	12.94	326	eP	40	32.00	-0.5	MBC	48.96	357	ePc	46	13.00	-0.7	
		LR		09	08.00				eS						0.7s		3.00nm			4.4mb	
SIV	17.54	35	P	04	35.40	0.0		Z	19s	21.00um				ZOBO	60.43	131	P	47	39.00	0.2	
PPD	19.96	69	eP	05	01.00	-1.1			eLR	44	20.00				Z	23s		0.51um		4.6MszX	
VAO	23.07	76	(P)	05	34.00	-0.2	ARN	13.03	321	iPc	40	33.16	-0.4				LR		08	28.00	
BAO	26.19	60	Pd	06	03.00	-0.9	GOL	13.14	21	eP	40	36.72	1.4	LPB	60.63	131	P	47	41.00	1.1	
		e		06	20.00		UNM	13.82	123	(P)	40	55.00	10.6X		Z	22s		1.11um		5.0Msz	
PDCR	34.88	66	eP	07	29.90	9.3X	HVU	14.28	356	eP	40	51.17	0.9				LR		10	14.00	
LIC	73.24	72	P	12	00.30	0.8	IIT	14.66	122	(P)	41	06.00	10.6X	CNCB	60.91	131	P	47	42.80	0.9	
KIC	73.55	72	P	12	02.40	1.0	ORV	14.67	328	eP	40	57.95	2.7	CCH	62.55	130	eP	47	53.00	0.3	
	S.D. = 0.9	on		23	of	26	SIO	15.22	54	eP	41	03.50	1.2	BDF	74.99	117	e(P)	49	19.00	9.4X	
								Lg	45	32.80			NB2	80.29	25	P	49	37.80	-0.3		
								eS	41	05.22	1.1			1.2s		7.70nm			4.6mb		
* OCT 03, 1992 07h	14m	35.05	± 0.99s				PTI	15.35	357	eP	41	05.22	1.1	HFS	81.81	24	eP	49	49.90	3.9X	
38.043 N ± 10.3km	28.742 E ± 8.3km						MIN	15.35	329	eP	41	06.47	2.3		0.5s		0.70nm			4.0mb	
DEPTH = 10.0km (geophysicist)							IISM	15.39	120	(P)	41	14.00	9.4X	KAF	84.45	19	iP	50	03.80	4.2X	
TURKEY				(366)			TUL	15.66	54	eP	41	06.60	-1.5		1.0s		8.70nm			4.9mb	
								1.5s	109.00nm						85.24	20	eP	50	13.80	10.3X	
KHL	0.68	65	iPg	14	48.00	-0.5		Z	16s	13.73um					0.9s		10.60nm				
			eSg	14	57.70				S	44	14.00			SSF	85.42	38	eP	50	08.30	3.6X	
CIN	0.68	230	ePg	14	49.00	0.4			LR	45	21.00				0.9s		8.20nm			4.9mb	
			iSg	15	01.00		HHA1	15.77	357	(P)	41	10.30	0.7	LOR	85.49	38	eP	50	08.70	3.6X	
IZM	1.22	287	iPn	14	56.90	-0.8			Lg	45	49.10				1.0s		8.20nm			4.9mb	
KCT	2.22	352	ePn	15	12.90	0.4	UYO	15.95	61	iPd	41	10.10	-1.8		Z	19s		1.13um		5.3Msz	
YLV	2.57	11	ePn	15	18.00	0.6	WDC	15.97	328	eP	41	12.85	0.8	AVF	85.49	39	eP	50	08.00	2.9X	
EYL	2.75	23	ePn	15	20.00	-0.1			1.2s	62.13nm					1.1s		11.50nm			5.0mb	
	S.D. = 0.8	on		6	of	6			16.29	331	eP	41	18.36	2.0	LBF	85.72	38	eP	50	09.60	3.3X
									16.33	54	eP	41	15.60	-1.1		1.1s		12.95nm		5.0mb	
& OCT 03, 1992 07h	29m	52.72s					MIAR	16.77	61	ePc	41	23.49	1.2							S.D. = 1.2 on 68 of 96 obs.	
34.515 N		116.541 W							1.0s	16.56nm											
DEPTH = 0.1km							FHC	16.85	325	eP	41	24.82	1.5							OCT 03, 1992 07h 42m 25.65 ± 0.23s	
SOUTHERN CALIFORNIA				(43)				1.5s	602.71nm											51.062 N ± 5.5km 178.393 E ± 2.5km	
<PAS-P>. ML 3.0 (PAS), 2.8 (GS).							RSSD	17.59	18	eP	41	31.86	-0.9							DEPTH = 33.0km (normal)	
								0.9s	17.79nm											5.2mb (89 obs.) 4.9Msz (26 obs.)	
PEC	0.81	220	iPd	30	07.83	-1.0			eS	46	40.69									RAT ISLANDS, ALEUTIAN ISLANDS (6)	
GSC	0.81	345	iPd	30	08.36	-0.6	LRM	18.30	358	eP	41	43.30	1.8	SMY	3.14	304	eP	43	13.73	-0.1	
			S	30	22.07		OLY	18.72	60	iPc	41	45.56	-1.0	ADK	3.19	73	eP	43	14.32	-0.2	
SSK	1.00	253	ePnd	30	11.48	-1.2	VGB	19.47	340	eP	41	53.13	-2.5	PET	12.31	287	eP	45	22.00	0.7	
			eS	30	24.65		FVM	20.43	54	iPc	42	05.01	-0.8		Z	16s		2.00um			
PLM	1.19	193	eP	30	14.87	-1.1			1.2s	56.31nm					N	14s		1.60um			
GLA	2.04	135	ePn	30	25.78	-3.0	SHW	20.54	338	eP	42	07.49	0.4		E	14s		2.50um			
			eS	30	58.42		SLM	20.84	52	P	42	20.00	9.9X	SKR	14.08	277	eP	45	42.00	-2.7	
ABL	2.23	279	(P)	30	33.58	1.8		Z	16s	7.69um					1.0s		180.00nm			5.7mb	
TPNV	2.44	5	ePn	30	33.05	-1.6	LON	20.90	340	eP	42	10.07	-0.6		Z	16s		1.60um		4.5Msz	
TNP	3.60	351	(Pn)	30	50.26	-0.9	DPW	21.02	347	iPc	42	10.69	-1.2		N	14s		2.10um			
BONR	3.72	338	ePn	30	51.53	-1.4	ELC	21.04	57	eP	42	10.91	-1.2		E	16s		1.50um			
			iPg	31	02.23		BMW	21.12	337	iPc	42	12.40	-0.6				eS		48	14.30	
	9 obs. associated						RMW	21.53	340	eP	42	15.08	-2.0	ILT	16.95	4	iPc	46	24.40	2.9X	
							GMW	21.91	339	eP	42	20.27	-0.6		1.6s		285.00nm			5.2mb	
OCT 03, 1992 07h	37m	25.78 ± 0.60s					SES	22.86	1	ePd	42	29.60	-0.6		Z	16s		0.90um			
27.510 N ± 7.2km	111.364 W ± 5.0km							1.8s	254.00nm						N	16s		0.40um			
DEPTH = 10.0km (geophysicist)							MCW	22.93	340	eP	42	30.50	-0.5		E	18s		0.50um			
4.8mb (21 obs.) 5.2Msz (8 obs.)							JFWS	23.01	43	iPc	42	33.36	1.6	MGD	17.91	311	ePc+	46	35.00	1.6	
GULF OF CALIFORNIA				(49)				0.8s	28.67nm						1.0s		40.00nm			4.5mb	
Felt at Bahia Kino, Guaymas and								Z	20s	3.73um					Z	14s		2.60um		4.5Msz	
Hermosillo, Sonora.															E	14s		2.50um			
TUC	4.81	6	ePn	38	37.07	-3.0X	GBTN	24.46	64	eP	42	47.00	1.1								
			eS	39	54.06		ULM	25.61	23	eP	43	05.00	8.3X	KDC	18.12	57	eP	46	34.55	-1.5	
MZX	6.19	133	(P)	39	15.00	15.6X	NAV	27.50	61	eP	43	14.48	0.2		2.0s		105.22nm			4.6mb	
PLM	7.51	322	ePn	39	15.89	-2.3X	CEH	28.60	65	P	43	30.00	5.8X	TTA	18.16	39	eP	46	37.83	1.2	
PEC	8.08	323	ePn	39	22.64	-3.4X		Z	18s	10.13um					1.2s		47.01nm			4.5mb	
			eS	41	44.97		MCWV	28.77	57	P	43	40.00	14.3X	BGL	19.04	46	eP	46	48.21	0.9	
ALO	8.51	28	ePn	39	31.76	-0.5		Z	19s	9.23um					19.14	46	eP	46	47.67	-1.0	
			eS	41	53.91		CBN	30.33	61	e(P)	43	41.00	1.4	CRP	19.16	47	eP	46	47.83	-1.0	
SSK	8.61	322	eP	39	32.64	-0.9	EEO	31.75	44	eP	43	59.00	6.9X	SLKM	19.83	49	eP	46	54.32	-1.9	
GSC	9.05	330	eP	39	37.58	-1.9	LVNJ	32.82	57	eP	44	00.27	-1.2	PMR	20.63	47	eP	47	04.85	0.5	
ABL	9.94	319	eP	39	51.37	-0.5	RSNY	33.95	50	iPc	44	10.23	-1.1		Z	19s		1.89um		4.5Msz	
AGX	9.96	122	(P)	40	01.00	9.0X			0.9s	15.01nm					20.66	33	eP	47	04.05	-0.8	
ISA	10.14	325	eP	39	53.39	-1.1		Z	22s	5.51um					1.3s		55.89nm			4.8mb	
ARUT	10.40	351	eP	39	58.11	0.0	SIT	34.08	337	P	44	20.00	7.8X	KUR	21.09	266	iPd	47	09.50	0.3	
CGX	10.62	135	(P)	40	12.00	10.8X		Z	20s	3.68um					1.0s		380.00nm			5.8mb	
MSU	10.99	357	eP	40	06.97	0.6	JAO	37.06	35	eP	44	42.50	5.0X	KLU	22.10	48	ePd	47	19.04	-0.3	
PKEM	11.31	321	eP	40	11.13	0.7	LMN	40.93	51	eP	45	14.50	4.6X	FBA	22.29	39	eP	47	20.55	-0.6	
PHAM	11.31	319	iPd	40	10.50	0.0	BOG	42.18	116	eP	45	24.00	3.1X		1.0s		22.94nm			4.6mb	
SRU	11.59	3	ePd	40	14.43	0.0															

			e	53	21.70	
			eS	01	10.00	
RLO	60.91	68	eP	52	35.90	-1.4
VVO	61.06	69	eP	52	37.50	-0.9
ARU	61.93	327	eP	52	43.00	-1.0
	1.6s		280.00nm			6.1mb
Z	18s		1.00um			5.0MsZ
			e	52	53.00	
QIZ	61.98	266	eP	52	45.20	0.4
KMI	62.01	276	Pc	52	43.50	-1.7
	1.5s		50.00nm			5.4mb
			pP	52	53.50	33kmX
MIAR	62.88	68	eP	52	50.18	-0.4
	1.2s		66.52nm			5.6mb
Z	19s		0.55um			4.7MsZ
AKU	62.89	8	eP	52	49.30	-0.9
	0.9s		20.17nm			5.3mb
PRZ	63.83	306	iP	52	57.00	0.1
AAA	64.00	307	eP	52	58.00	0.1
Z	15s		0.90um			5.1MsZ
	15s		0.70um			
E	15s		0.40um			
KAF	65.01	346	iP	53	02.30	-1.8
	0.8s		18.40nm			5.2mb
FRU	65.48	308	iP	53	07.80	0.4
	1.6s		100.00nm			5.7mb
			e	53	20.00	
			e	53	39.00	
			e	55	29.00	
RSNY	65.81	49	P	53	20.00	10.6X
Z	20s		0.53um			4.7MsZ
NUR	66.79	346	iP	53	13.60	-1.8
	0.9s		32.30nm			5.4mb
MCWV	66.81	55	P	53	30.00	14.1X
Z	20s		1.27um			5.1MsZ
KSH	67.30	305	iPd	53	20.00	0.8
	1.0s		120.00nm			5.9mb
Z	17s		1.77um			5.4MsZ
N	16s		2.14um			
			sP	53	33.00	
NB2	67.78	353	P	53	20.10	-1.6
	1.1s		26.60nm			5.3mb
UPP	68.34	350	iP	53	23.80	-1.4
HFS	68.47	352	eP	53	24.20	-1.8
	0.9s		23.50nm			5.3mb
Z	17s		1209.00um			8.2MsZ
			LR	20	59.00	
MOS	68.70	337	eP	53	27.00	-0.4
	1.8s		190.00nm			5.9mb
			e	53	39.00	
OBN	69.52	338	iPc	53	32.00	-0.5
	1.2s		88.00nm			5.7mb
			i	53	40.00	
			e	54	00.00	
			(SS)	07	10.00	
CEH	70.02	58	P	53	50.00	14.2X
Z	18s		0.93um			5.1MsZ
GUN	70.32	290	Pc	53	38.20	-0.1
	1.0s		206.00nm			6.1mb
KKN	70.77	290	Pc	53	40.56	-0.2
	1.0s		173.00nm			6.1mb
PKI	70.85	290	Pc	53	41.22	-0.2
	1.1s		144.00nm			6.0mb
GKN	70.99	291	Pc	53	41.86	-0.2
	1.1s		205.00nm			6.1mb
DMN	71.00	290	Pc	53	42.18	-0.1
EKA	73.97	1	Pd	53	58.60	-0.3
	1.1s		12.60nm			4.8mb
NDI	74.76	297	eP	54	04.40	0.4
CTA	76.27	211	iPc	54	18.20	5.7X
ASH	76.98	315	eP	54	16.60	0.2
WTS	77.07	355	eP	54	17.00	0.4
	0.9s		10.00nm			4.8mb
CLL	77.25	351	eP	54	18.00	0.3
	1.9s		26.00nm			4.9mb
Z	17s		1.00um			5.2MsZ
			e			

MAIO 77.83 314 ePc 04 16.00 54 22.60 1.4
eSn 04 35.00
MOX 78.05 351 eP 54 22.00 -0.1
1.0s 9.00nm 4.8mb
Z 21s 1.50um 5.3Msz
N 19s 1.20um
ENN 78.35 355 eP 54 24.00 0.3
1.0s 22.00nm 5.1mb
PRU 78.39 349 eP 54 24.50 0.5
1.0s 7.40nm 4.7mb
Z 18s 2.00um 5.5Msz
N 16s 0.70um
E 19s 1.40um
SPC 78.39 346 eP 54 25.50 1.3
UZH 78.59 344 ePd 54 25.50 0.4
e 54 31.80
ANN 78.67 333 eP 54 25.00 -0.5
VRAC 78.80 348 eP 54 27.40 1.2
1.6s 115.70nm 5.6mb
KIS 78.84 339 iPc+ 54 27.00 0.6
1.0s 200.00nm 6.1mb
GRF 79.03 352 iPc 04 26.00 54 28.60 1.1
0.9s 17.00nm 5.0mb
Z 20s 2.00um 5.5Msz
SOC 79.13 331 eP 54 29.00 0.9
KHC 79.34 350 eP 54 29.50 0.3
1.4s 14.50nm 4.8mb
Z 18s 3.00um 5.7Msz
N 16s 1.00um
E 18s 2.10um
GEC2 79.61 350 P 54 33.60
e 54 42.30
1.1s 5.49nm 4.5mb
ZST 79.83 347 eP 54 32.60 0.8
SRO 80.03 347 eP 54 34.00 1.2
VRI 80.39 340 ePc 54 35.50 0.6
FLN 80.55 359 eP 54 34.50 -1.1
1.1s 31.50nm 5.2mb
Z 20s 0.60um 4.9Msz
WRA 80.58 222 P 54 41.20 5.1X
0.8s 3.00nm 4.3mb
ERE 80.60 326 iP+ 54 38.00 1.9
1.5s 12.00nm 4.7mb
CDF 80.61 354 eP 54 35.70 -0.4
1.0s 8.80nm 4.7mb
LDF 80.72 359 eP 54 36.10 -0.4
1.0s 20.40nm 5.1mb
GRR 80.93 359 eP 54 36.60 -1.0
0.9s 14.10nm 5.0mb
HAU 81.08 355 eP 54 38.30 -0.2
1.0s 13.20nm 4.9mb
Z 19s 1.17um 5.3Msz
BRS 81.32 203 iPd 54 46.50 6.7X
WTTA 81.39 351 iPd 54 40.70 0.4
1.0s 27.00nm 5.2mb
KBA 81.40 350 iPc 54 40.30 0.0
0.9s 41.00nm 5.4mb
RMO 81.52 207 eP 54 47.00 6.1X
TAB 81.80 324 eP 54 43.00 0.5
SSF 82.16 356 eP 54 44.20 0.1
0.9s 6.40nm 4.7mb
PTJ 82.23 348 eP 54 45.00 0.4
AVF 82.44 357 eP 54 45.70 0.2
1.1s 15.65nm 5.0mb
SMF 82.56 356 eP 54 46.40 0.2
1.0s 16.20nm 5.0mb
HYB 82.66 288 ePc 54 47.10 0.0
1.0s 45.00nm 5.5mb
VBY 82.71 348 eP 54 48.00 1.0
iPcP 54 52.80
LSF 83.03 358 eP 54 48.50 -0.1
0.9s 11.45nm 5.0mb
LPL 83.53 354 eP 54 52.50 1.0
1.0s 8.40nm 4.8mb
LPG 83.55 354 eP 54 52.80 1.1
1.1s 14.90nm 5.0mb
LSD 83.56 354 P 54 52.40 0.7
RSP 83.86 354 P 54 53.33 0.3
BNI 84.00 354 P 54 55.00 1.3
BOB 84.07 352 P 54 54.60 0.6
ASPA 84.08 220 eP 54 53.10 -1.0
1.6s 6.50nm 4.5mb
RRL 84.12 354 P 54 55.58 1.1

CAF 84.34 357 eP 54 55.90 0.6
1.5s 45.95nm 5.4mb
LFF 84.36 358 eP 54 55.70 0.4
0.9s 15.55nm 5.2mb
PZZ 84.52 354 P 54 56.61 0.3
POO 84.56 293 iPc 54 53.20 -3.6X
LPO 84.61 358 eP 54 56.70 0.1
0.9s 19.00nm 5.3mb
ROB 84.67 353 P 54 55.99 -1.0
SFI 84.68 350 P 54 59.20 2.3
STV 84.76 354 P 54 56.91 -0.6
ENR 84.77 353 P 54 56.91 -0.7
YLV 84.81 337 eP 54 58.00 0.2
CRE 84.96 350 P 54 59.90 1.4
ARV 84.97 349 P 55 00.20 1.7
SKO 85.19 343 iP 55 00.50 0.9
Z 17s 3.07um 5.8MszX
LR 37 15.00
ASS 85.43 350 P 55 01.70 0.9
VAY 85.60 342 iP 55 02.60 1.0
MNS 86.10 349 P 55 04.30 0.1
GBA 86.29 287 P 55 05.30 -0.1
CMS 87.07 207 eP 55 15.10 6.4X
MAW 145.16 217 ePKP 01 59.00 -0.8
1.0s 17.00nm
SLR 145.94 307 iPKPc 02 02.00 -0.6
0.9s 58.82nm
WIN 148.05 326 iPKPc 02 10.50 4.4X
0.8s 16.42nm
BLF 149.76 306 iPKPc 02 13.60 5.0X
0.8s 43.75nm
S.D. = 0.9 on 163 of 180 obs.
% OCT 03, 1992 08h 12m 47.44 ± 2.21s
33.409 S ± 5.6km 70.199 W ± 17.4km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.0 (SAN).
FCH 0.11 317 iP+ 12 50.52 -0.1
iS 12 52.93
PCH 0.34 231 eP 12 54.95 0.5
iS 13 00.94
PEL 0.49 303 (P) 12 57.97 0.6
iS 13 04.72
CHCH 0.65 216 iP+ 13 00.16 -0.2
iS 13 09.86
TACH 0.66 248 iP 13 00.67 0.0
iS 13 10.75
CACH 0.78 205 iPd 13 02.96 0.2
iS 13 14.42
ROCH 0.81 302 iPd 13 03.02 -0.3
iS 13 14.98
LCCH 1.15 266 iP 13 08.40 -0.5
iS 13 25.29
LNV 1.15 241 iP+ 13 08.61 -0.3
iS 13 24.67
S.D. = 0.4 on 9 of 9 obs.
OCT 03, 1992 08h 19m 05.42 ± 0.42s
40.332 N ± 5.8km 25.910 E ± 3.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.2 (THE).
ALN 0.57 10 iPg 19 17.12 0.1
eSg 19 26.08
EZN 0.60 148 iPg 19 16.50 -1.0
eSg 19 24.50
MFT 1.14 66 iPg 19 26.50 -0.3
iSg 19 40.50
OUR 1.47 271 iPbd 19 31.04 -0.9
eSb 19 48.68
EDC 1.49 89 ePn 19 33.50 1.2
BNT 1.54 88 iPn 19 33.50 0.6
PAIG 1.76 257 ePb 19 37.80 1.7
eSb 19 59.88
KCT 1.87 92 iPn 19 37.90 0.1
SRS 1.93 295 ePb 19 37.84 -0.8
eSb 20 00.52
SOH 2.01 285 ePb 19 39.96 0.2
DMK 2.04 43 ePn 19 39.70 -0.5
CTT 2.08 66 iPn 19 40.50 -0.3
IZM 2.20 151 iPn 19 42.40 -0.1
YLV 2.65 84 ePn 19 49.00 -0.1
VAY 2.72 292 iPn 19 45.60 -4.3X
GRG 2.74 284 ePn 19 50.32 0.0

eSn 20 22.90
S.D. = 0.8 on 15 of 16 obs.
OCT 03, 1992 09h 19m 09.86 ± 0.38s
56.383 N ± 5.3km 152.861 W ± 5.7km
DEPTH = 33.0km (normal)
4.8mb (28 obs.) 4.5Msz (2 obs.)
(13)
KODIAK ISLAND REGION
ML 4.8 (AEIC), 4.5 (PMR).
KDC 1.38 8 iPnc 19 31.99 -1.0
ePg 19 36.74
SYI 2.25 6 eP 19 44.95 -0.5
eS 20 13.43
CDD 2.59 351 eP 19 50.49 0.1
MCNL 2.92 345 eP 19 54.93 -0.1
AUI 2.98 354 eP 19 55.97 0.2
eS 20 32.14
AUE 3.00 355 eP 19 56.57 0.5
AUP 3.00 355 eP 19 56.48 0.2
AUH 3.01 354 iP 19 56.53 0.2
AUW 3.01 354 eP 19 56.61 0.3
AUL 3.02 354 eP 19 56.69 0.2
XLV 3.14 11 iP 19 57.74 -0.4
OPT 3.29 357 iP 20 00.18 0.0
HOM 3.35 11 iP 20 00.48 -0.6
PDB 3.49 349 iP 20 02.29 -0.8X
INE 3.69 358 eP 20 04.89 -1.2X
INW 3.70 358 eP 20 05.03 -1.1X
RED 4.05 1 iP 20 09.70 -1.4X
RS1 4.09 1 eP 20 10.58 -1.2X
RSO 4.09 1 eP 20 10.57 -1.3X
eS 20 58.35
RS2 4.09 1 eP 20 10.61 -1.3X
RDW 4.11 0 eP 20 10.68 -1.4X
REF 4.12 1 eP 20 10.89 -1.3X
RDN 4.14 1 eP 20 11.21 -1.3X
SEW 4.14 24 eP 20 08.94 -3.4X
NCT 4.19 360 iP 20 11.78 -1.4X
RDT 4.21 3 iP 20 11.79 -1.6X
DFR 4.22 1 iP 20 12.19 -1.4X
SLKM 4.36 17 iP 20 12.65 -2.9X
SDN 4.43 260 iPnc 20 14.58 -1.8X
NKA 4.45 10 eP 20 15.95 -0.9X
MPA 4.51 23 eP 20 14.10 -3.5X
MTU 4.55 35 eP 20 14.54 -3.6X
MID 4.63 46 e(P) 20 15.80 -3.4X
BKG 4.71 4 iP 20 18.58 -1.9X
eS 21 13.42
KNIM 4.81 32 eP 20 17.79 -3.9X
eS 21 09.04
SPU 4.83 5 iPnc 20 19.61 -2.6X
CKL 4.84 3 iP 20 20.43 -1.9X
CKT 4.84 4 eP 20 20.35 -2.0X
BGL 4.90 3 ePn 20 20.96 -2.3X
CRP 4.91 4 iPnc 20 20.97 -2.5X
PTE 4.92 22 eP 20 20.06 -3.3X
SVW 4.95 344 iPnc 20 22.04 -1.9X
0.8s 449.34nm
CGLM 4.96 5 eP 20 21.64 -2.4X
NCG 5.05 4 eP 20 23.33 -2.0X
PMS 5.17 18 ePc 20 23.90 -3.1X
SUA 5.21 11 iP 20 24.67 -3.0X
HIN 5.23 37 eP 20 23.90 -3.9X
GLI 5.42 31 eP 20 26.28 -4.2X
PWA 5.50 15 eP 20 29.40 -2.2X
FID 5.51 35 iP 20 27.28 -4.4X
KNK 5.54 23 eP 20 28.29 -3.8X
PLRM 5.57 19 eP 20 28.80 -3.7X
PMR 5.57 19 iPnc 20 28.39 -4.1X
0.6s 17.83nm 4.8mb X
SKT 5.66 6 eP 20 31.02 -2.8X
KAIM 5.71 48 eP 20 31.48 -3.0X
VZW 5.72 32 eP 20 31.04 -3.7X
SGAM 5.76 41 eP 20 31.59 -3.7X
GHO 5.77 19 eP 20 31.60 -3.9X
VLZ 5.85 33 iP 20 32.90 -3.5X
RAGM 5.88 44 eP 20 33.29 -3.8X
SML 5.92 21 eP 20 34.23 -3.3X
HMT 6.01 45 eP 20 35.40 -3.5X
SCM 6.16 25 eP 20 37.69 -3.3X
KLU 6.26 32 eP 20 38.45 -3.9X
SNH 6.51 50 P 20 43.50 -2.4X
WAX 6.65 48 eP 20 43.73 -4.1X
TOA 6.68 28 ePc 20 45.80 -2.5X
CROM 6.71 45 eP 20 45.62 -3.2X
TTA 6.76 348 iPc 20 46.60 -2.7X

03d 09h

	0.9s	0.50nm	3.4mb X	KHC	74.25	9 P	30 45.50	0.6	OPT	3.58	353 eP	57 10.37	0.6	
TGL	6.83	46 eP	20 46.85	-3.6X	1.0s	3.50nm	4.3mb		PDB	3.81	346 eP	57 12.85	-0.1	
GLB	6.90	39 eP	20 47.33	-4.0X		e	30 53.50		INE	3.98	355 eP	57 15.45	-0.1	
YAH	7.07	51 eP	20 50.47	-3.4X		e	31 01.60		INW	3.99	355 eP	57 15.73	0.1	
BALM	7.19	45 eP	20 51.59	-3.8X	CDF	74.27	14 eP	30 45.60	0.5	SEW	4.30	20 eP	57 19.38	-0.5
SDG	7.20	28 eP	20 53.78	-1.7X		1.0s	5.40nm	4.5mb	RED	4.32	358 eP	57 20.08	-0.3	
TRF	7.21	9 eP	20 53.26	-2.5X	HAU	74.54	14 eP	30 47.00	0.4	RS1	4.36	358 eP	57 20.99	-0.1
CTGM	7.56	48 eP	20 57.28	-3.3X		0.9s	9.65nm	4.8mb	RS0	4.37	358 eP	57 21.01	-0.2	
PAX	7.59	26 eP	20 57.32	-3.7X	GEC2	74.54	9 P	30 47.10	0.4	RS2	4.37	358 eP	57 21.10	-0.1
PCA	7.62	56 eP	20 58.16	-3.2X		0.6s	2.57nm	4.4mb	RDW	4.39	357 eP	57 21.17	-0.3	
BCPM	7.85	57 eP	21 01.33	-3.3X	BSF	74.77	14 eP	30 48.40	0.4	REF	4.39	358 eP	57 21.23	-0.3
PNL	7.87	60 eP	21 01.68	-3.1X		1.1s	9.30nm	4.7mb	RDN	4.42	358 eP	57 22.24	0.4	
HON	8.05	62 eP	21 04.29	-3.1X	LOR	74.90	16 eP	30 49.20	0.6	NCT	4.47	357 eP	57 21.93	-0.6
HDA	8.56	17 eP	21 10.91	-3.5X		0.9s	8.20nm	4.7mb	RDT	4.47	360 eP	57 21.95	-0.6	
MLY	8.74	6 eP	21 12.34	-4.6X	SSF	75.04	16 eP	30 50.10	0.7	DFR	4.49	358 eP	57 22.65	-0.2
FBA	8.90	14 eP	21 13.99	-5.0X		0.9s	13.10nm	4.9mb	SLKM	4.55	14 eP	57 22.99	-0.7	
	0.5s	5.07nm	4.9mb X	LBF	75.19	16 eP	30 50.50	0.1	MTU	4.63	31 eP	57 24.81	0.1	
GLM	9.04	15 eP	21 16.53	-4.5X		1.0s	6.00nm	4.5mb	SDN	4.65	264 eP	57 23.32	-1.5	
IMA	9.73	358 eP	21 26.16	-4.5X	AVF	75.28	17 eP	30 51.00	0.2	MPA	4.67	19 eP	57 24.74	-0.5
	0.8s	6.69nm	4.9mb X	ZST	75.45	7 eP	30 52.10	0.3	NKA	4.68	7 eP	57 26.23	0.8	
ADK	14.64	262 e(P)	22 40.80	4.6X		i	53 45.90		KNIM	4.91	28 eP	57 27.06	-1.6	
ILT	16.53	325 iPd	23 02.20	1.8	SMF	75.50	16 eP	30 52.40	0.3	BKG	4.97	1 eP	57 28.76	-0.9
	1.4s	46.00nm	4.4mb			1.1s	14.15nm	4.9mb	PTE	5.08	19 eP	57 30.53	-0.5	
Z	12s	1.40um		SKO	81.90	4 eP	31 28.40	1.5	SPU	5.09	2 eP	57 30.15	-1.1	
N	11s	0.50um		GUN	82.44	310 P	31 31.34	0.9		eS		58 24.26		
E	13s	0.80um		KKN	82.80	311 P	31 33.02	0.9	CKL	5.10	0 eP	57 30.74	-0.7	
YKA	20.15	57 eP	23 42.20	-1.4	GKN	82.89	311 P	31 33.02	0.6	CKT	5.10	1 eP	57 30.81	-0.7
	0.9s	8.40nm	4.1mb	PKI	82.94	310 P	31 33.20	0.2	CKN	5.13	1 eP	57 32.36	0.6	
MBC	23.38	19 eP	24 17.00	1.2	DMN	83.03	311 P	31 34.08	0.7	BGL	5.17	0 iP	57 31.63	-0.8
	0.6s	17.00nm	4.7mb	BUL	143.80	358 iPKPd	38 39.40	-3.7X	CRP	5.17	1 eP	57 31.05	-1.5	
SES	25.33	86 eP	24 36.00	1.1	WIN	145.42	16 iPKPd	38 46.50	0.6	CGLM	5.21	2 eP	57 32.32	-0.7
MGD	29.11	301 eP	25 08.00	-1.2		0.7s	4.79nm		NCG	5.31	1 eP	57 34.17	-0.2	
	Z	18s	0.60um	4.3MsZ	SPA	146.20	180 iPKPd	38 54.30	8.5X	PMS	5.35	15 P	57 34.90	-0.1
	E	18s	0.50um			1.0s	12.00nm		GLI	5.53	28 eP	57 36.74	-0.6	
TIK	34.51	327 eP	25 55.00	-1.4	SLR	149.37	358 ePKP	38 56.50	4.4X	FID	5.59	31 eP	57 37.62	-0.6
	Z	14s	0.50um	4.4MsZ X		0.9s	16.81nm		KNK	5.70	19 eP	57 38.70	-1.1	
EEO	44.82	70 eP	27 19.50	-2.6	BLF	152.73	2 e(PKP)	38 44.00	-13.0X	SKT	5.90	4 eP	57 41.62	-1.1
BOD	46.61	313 iPc	27 35.50	-0.6		S.D. = 0.9 on 65 of 144 obs.			RAGM	5.91	40 eP	57 43.90	1.1	
	0.8s	20.00nm	5.1mb						VLZ	5.94	30 eP	57 43.49	0.3	
MAT	49.18	277 eP	27 56.00	-0.4		? OCT 03, 1992 09h 41m 44.30± 4.34s			KLU	6.36	29 eP	57 49.44	0.3	
	0.7s	4.11nm	4.6mb			31.939 S ± 39.7km 70.432 W ± 22.6km				eS		58 54.25		
CIT	50.81	307 eP	28 09.00	0.3		DEPTH = 110.0km (geophysicist)			TTA	7.08	346 (P)	57 56.58	-2.7X	
CN2	50.85	292 P	28 08.40	-0.6		CHILE-ARGENTINA BORDER REGION (127)				1.6s	7.90nm	4.4mb X		
	Z	16s	0.35um	4.5MsZ X		MD 3.5 (SAN).			BALM	7.20	43 eP	58 02.06	1.0	
SNY	53.22	292 Pc	28 26.40	-0.4	JACH	0.75	190 iP	42 03.36	-0.1	FBA	9.10	12 eP	58 24.75	-2.5X
	1.0s	22.00nm	5.1mb			iS	42 18.36			1.0s	5.21nm	4.7mb X		
AKU	53.54	21 iP	28 30.10	1.3	ROCH	1.14	205 iP+	42 07.71	0.2	IMA	10.01	357 (P)	58 37.49	-2.4X
	0.9s	16.81nm	5.0mb			iS	42 26.08			1.7s	4.83nm	4.5mb X		
KEV	54.17	0 eP	28 33.00	-0.4	PEL	1.22	190 (P)	42 08.00	-0.2	MBC	23.55	19 eP	01 28.00	5.1X
ZAK	56.42	312 iPc	28 49.50	-0.5		iS	42 27.25		NB2	62.48	9 P	06 40.00	2.9	
	1.1s	10.00nm	4.8mb		FCH	1.39	175 iP	42 10.58	0.1		0.7s	1.50nm	4.2mb	
HHC	59.97	299 P	29 14.40	-0.8		iS	42 31.57			S.D. = 0.9 on 53 of 57 obs.				
	1.0s	14.00nm	5.0mb		PCH	1.68	182 iP+	42 13.81	0.0		% OCT 03, 1992 10h 34m 26.22± 0.65s			
KAF	61.84	0 iP	29 26.60	-0.8		iS	42 37.67			41.140 N ± 7.2km 28.729 E ± 4.4km				
	0.5s	7.30nm	5.1mb		TACH	1.76	194 iPd	42 14.75	0.0		DEPTH = 10.0km (geophysicist)			
TIY	61.96	296 eP	29 28.40	-0.3		iS	42 39.03			TURKEY (366)				
	Z	20s	0.50um	4.7MsZ	LCCH	1.81	212 iP	42 15.73	0.4					
NB2	62.25	9 P	29 29.60	-0.6		iS	42 38.83		CTT	0.23	272 iPg	34 31.00	-0.1	
	0.7s	10.30nm	5.1mb		CHCH	2.00	185 iPd	42 17.58	-0.2		eSg	34 35.00		
HFS	63.34	7 eP	29 36.20	-1.1		iS	42 44.90		ISK	0.26	107 iPg	34 31.50	-0.2	
	0.4s	2.50nm	4.6mb		LNK	2.17	202 iP	42 19.30	-0.7	YLV	0.75	139 ePg	34 41.50	0.5
NUR	63.44	1 iP	29 37.20	-0.7		iS	42 20.71	0.5		eSg	34 54.50			
	0.6s	16.00nm	5.3mb		CACH	2.18	184 iP+	42 50.49		HRT	0.78	114 iPg	34 41.50	0.1
SVE	63.96	340 ePc	29 40.00	-1.5		S.D. = 0.4 on 10 of 10 obs.			KCT	0.93	198 iPg	34 43.50	-0.6	
EKA	65.95	18 Pc	29 54.10	-0.2		OCT 03, 1992 09h 56m 15.26± 1.14s			BNT	1.00	218 iPn	34 45.50	0.4	
	0.8s	7.20nm	4.8mb			56.113 N ± 9.5km 152.395 W ± 5.8km			DMK	1.00	313 ePg	34 45.20	0.1	
GTA	66.60	306 Pc	29 58.00	-0.9		DEPTH = 33.0km (normal)				eSg	35 00.20			
	1.2s	10.00nm	4.8mb			4.2mb (1 obs.)			EYL	1.23	117 ePn	34 49.00	-0.1	
LZH	67.44	301 eP	30 05.00	22kmX		KODIAK ISLAND REGION (13)				S.D. = 0.4 on 8 of 8 obs.				
	1.0s	19.00nm	5.1mb			ML 3.5 (AEIC).				* OCT 03, 1992 11h 07m 38.38± 1.16s				
WMO	67.95	317 P	30 07.00	-0.2						29.274 S ± 7.1km 70.142 W ± 16.2km				
		pP	30 12.00	16kmX						DEPTH = 10.0km (geophysicist)				
CLL	72.04	9 iP	30 31.90	0.0	KDC	1.64	358 eP	56 42.25	0.1		CENTRAL CHILE (136)			
	1.2s	9.00nm	4.6mb		SYI	2.50	0 eP	56 55.53	1.0					
BRG	72.55	9 iP	30 35.40	0.5	CDD	2.90	347 eP	57 01.25	1.0					
MOX	72.56	10 iP	30 35.50	0.5		eS	57 33.31		RTBS	2.45	166 ePc	08 18.20	-0.8	
KSP	72.76	7 ePc	30 36.30	0.1	MCNL	3.25	342 eP	57 05.54	0.4	RTCB	2.49	153 ePd	08 19.40	-0.3
WLF	72.89	14 P	30 34.00	-2.9	AUI	3.28	351 eP	57 06.37	0.9	RTLL	2.51	145 iPc	08 20.20	0.3
GRR	73.02	19 eP	30 38.80	1.1		eS	57 40.83		ZON	2.59	151 eP	08 23.00	1.9	
	1.1s	27.35nm	5.2mb		AUE	3.30	351 eP	57 06.92	1.2	CFA	2.85	145 eP	08 24.90	0.2
FRU	73.36	326 (P)	30 40.50	0.7	AUP	3.30	351 eP	57 06.87	0.9		S	09 04.20		
	Z	14s	0.50um	4.9MsZ X	AUH	3.31	351 eP	57 06.74	0.7	RTCV	2.93	152 iPd	08 25.50	-0.4
	E	14s	0.50um		AUW	3.32	350 eP	57 06.89	0.8	MDZ	3.76	163 eP	08 38.10	0.3
GRF	73.47	11 eP	30 41.30	1.0	AUL	3.33	351 eP	57 06.79	0.6		i	08 49.80		
PRU	73.48	8 eP	30 41.00	0.6	XLV	3.37	6 eP	57 07.93	1.1		iS	09 49.30		
					HOM	3.58	6 eP	57 10.59	0.8	CYA	3.90	79 eP	08	

MRA 4.93 130 ePc 08 52.90 -1.3
 ANT 5.55 357 eP 09 03.00 0.0
 S.D. = 1.0 on 10 of 10 obs.

OCT 03, 1992 11h 11m 21.95±0.41s
 39.326 N ± 4.4km 25.545 E ± 3.2km
 DEPTH = 15.5 ± 3.5 km

AEGEAN SEA (365)
 ML 3.8 (ATH). MD 3.1 (THE).

PRK 0.57 98 iPbd 11 33.50 0.4
 EZN 0.78 50 iPg 11 36.50 -0.2
 PAIG 1.56 293 ePb 11 49.56 0.5
 OUR 1.57 310 ePb 11 50.48 1.3
 ALN 1.62 14 iPbc 11 49.40 -0.5
 IZM 1.63 124 iPn 11 52.00 1.8
 ATH 1.97 227 ePn 11 54.30 -0.7
 MFT 1.98 42 ePn 11 54.00 -1.2
 EDC 2.06 60 ePn 11 56.50 0.2
 BNT 2.10 60 iPn 11 57.00 0.1
 KDZ 2.32 358 iPd 12 00.00 -0.1
 KCT 2.35 66 iPn 12 01.00 0.4
 THE 2.37 304 ePn 12 01.68 0.9
 RZN 2.44 345 iPc 12 02.00 0.0
 LIT 2.48 289 ePn 12 02.64 0.3
 AGG 2.52 264 ePn 12 02.40 -0.5
 MM8 2.65 329 iPd 12 04.00 -0.9
 DIM 2.72 360 iPd 12 06.00 0.2
 PLD 2.85 347 iPd 12 08.00 0.4
 CTT 2.86 50 ePn 12 07.00 -0.8
 GRG 2.91 305 ePn 12 09.00 0.6
 DMK 3.01 33 iPn 12 08.70 -1.1
 VAY 3.02 312 iPn 12 16.00 6.0X
 KZN 3.07 290 ePn 12 01.20 -9.5X
 KK8 3.15 324 iPd 12 14.00 2.1
 IZI 3.19 70 ePg 12 25.50 13.0X
 ITU 3.20 55 ePn 12 26.00 13.5X
 JMB 3.23 14 iPd 12 13.00 -0.1
 VLI 3.32 219 iPnc 12 12.70 -1.6
 PGB 3.39 342 iPc 12 15.00 -0.2
 HRT 3.50 63 ePn 12 17.50 0.6
 VTS 3.71 332 eP 12 20.00 0.0
 EYL 3.76 69 ePn 12 21.00 0.4
 PVL 3.89 358 iPd 12 21.00 -1.3
 SKO 4.09 312 e(Pn) 12 28.50 3.3X
 VRI 6.60 7 ePc 13 01.50 0.9
 S.D. = 0.9 on 31 of 36 obs.

% OCT 03, 1992 11h 17m 30.62±0.99s
 39.078 N ± 7.4km 27.600 E ± 12.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.73 201 iPg 17 45.00 0.0
 EZN 1.24 308 iPn 17 53.50 -0.1
 EDC 1.28 9 iPn 17 54.50 0.1
 BNT 1.30 11 ePn 17 55.00 0.3
 KCT 1.31 26 iPn 17 54.50 -0.3
 S.D. = 0.3 on 5 of 5 obs.

? OCT 03, 1992 11h 25m 33.58±6.84s
 67.323 N ± 17.4km 30.105 E ± 63.2km
 DEPTH = 10.0km (geophysicist)

BALTICS-BYELARUS-NW RUSSIA REG. (724)
 ML 2.2 (NAO). 2.1 (BER).

ARA0 2.80 325 Pn 26 18.81 -0.4
 KTK1 3.08 307 eP 26 23.90 0.8
 LOF 6.35 285 eP 27 08.78 -0.6
 NRA0 10.44 240 P 28 06.38 0.1
 S.D. = 1.1 on 4 of 4 obs.

& OCT 03, 1992 11h 25m 34.82s
 63.261 N 151.161 W
 DEPTH = 12.2km

CENTRAL ALASKA (1)
 <AEIC>. ML 2.6 (AEIC). 3.1 (PMR).

KTH 0.31 20 iP 25 41.15 -0.3
 TRF 0.44 64 iP 25 43.58 -0.3
 HUR 0.75 112 eP 25 49.14 -0.2
 RND 1.05 81 eP 25 54.27 -0.2
 MCK 1.11 64 eP 25 55.35 0.0
 SKT 1.30 188 eP 25 58.46 -0.2
 NEA 1.61 34 eP 26 03.92 0.8
 PWA 1.72 159 P 26 05.80 1.1
 MLY 1.79 6 eP 26 06.29 0.6
 SUA 1.81 174 eP 26 07.04 0.9
 GHO 1.82 144 eP 26 08.00 -0.2
 WRH 1.82 47 eP 26 07.41 1.2
 NCG 1.92 194 eP 26 07.64 -0.1
 PLRM 1.92 150 eP 26 07.68 0.1
 PMR 1.92 150 eP 26 07.23 -0.4
 SML 1.96 137 eP 26 07.78 -0.4
 CGLM 2.00 192 eP 26 08.91 0.1
 CCB 2.03 45 eP 26 07.32 -1.9
 CRP 2.05 194 eP 26 09.65 0.0
 BGL 2.09 197 ePn 26 10.40 0.3
 CKN 2.10 194 eP 26 11.03 0.8
 SPU 2.13 192 eP 26 10.25 -0.4
 CKL 2.14 195 eP 26 11.46 0.5
 PMS 2.16 159 eP 26 12.40 1.3
 HDA 2.19 56 eP 26 13.52 2.0
 FBA 2.21 40 eP 26 13.71 1.9
 TTA 2.23 264 P 26 14.60 2.4
 KNK 2.24 145 eP 26 13.03 0.7
 BKG 2.26 194 eP 26 12.69 0.1
 SCM 2.28 127 eP 26 13.22 0.3
 GLM 2.40 42 eP 26 15.47 1.0
 TOA 2.58 115 P 26 17.50 0.4
 PAX 2.60 94 eP 26 18.06 0.6
 PTE 2.61 156 eP 26 18.20 0.8
 SDG 2.68 103 eP 26 18.64 0.2
 RDT 2.76 193 eP 26 21.78 2.1
 SLKM 2.80 170 eP 26 20.99 0.8
 MPA 2.91 162 eP 26 22.61 0.9
 SVW 3.01 226 ePn 26 22.70 -0.4
 KLU 3.02 124 eP 26 24.06 0.8
 IMA 3.02 340 eP 26 22.60 -0.8
 GLI 3.06 139 eP 26 24.66 0.8
 KNIM 3.34 149 eP 26 27.81 -0.1
 FID 3.35 137 eP 26 28.76 0.8
 HIN 3.62 140 eP 26 32.65 0.7
 GLB 3.88 115 eP 26 36.21 0.6
 SGAM 3.95 132 eP 26 37.36 0.9
 BALM 4.70 114 eP 26 46.88 -0.4
 48 obs. associated

? OCT 03, 1992 13h 00m 52.90±3.54s
 42.366 N ± 27.5km 27.660 E ± 13.6km
 DEPTH = 10.0km (geophysicist)

BULGARIA (359)

DMK 0.55 172 iPg 01 03.80 -0.2
 CTT 1.35 154 iPg 01 18.40 0.7
 MFT 1.60 190 iPg 01 26.00 4.6X
 ISK 1.67 141 ePn 01 22.00 -0.3
 ALN 1.90 220 eP 01 25.80 0.1
 BNT 2.02 174 ePn 01 27.00 -0.4
 S.D. = 0.6 on 5 of 6 obs.

* OCT 03, 1992 13h 45m 14.22±1.14s
 24.049 N ± 8.1km 121.939 E ± 10.2km

DEPTH = 50.6 ± 10.0 km
 4.7mb (9 obs.)

TAIWAN (244)

TWC 0.56 352 iPc 45 27.90 1.6
 TWF1 0.91 220 iPd 45 31.40 0.5
 TWQ 1.03 283 iPc 45 24.00 -8.6X
 TWZ 1.09 343 ePd 45 35.40 1.9
 QZH 3.18 287 iPd 46 02.60 -0.3
 SSE 7.05 355 eP 46 56.00 -1.3
 HKC 7.35 258 iP 47 01.20 -0.4
 GZH 7.94 265 P 47 08.00 -1.8
 NJ2 8.42 342 Pd 47 14.00 -2.4
 WHN 9.35 315 eP 47 26.50 -2.6
 GYA 14.03 283 P 48 32.00 -0.1
 XAN 15.11 314 eP 48 46.20 0.2
 TIY 15.86 331 eP 48 51.80 -3.9X
 CD2 17.51 297 eP 49 16.60 0.2
 LZH 19.69 312 eP 49 44.00 1.7
 CN2 19.91 7 eP 49 43.60 -0.8
 GTA 24.17 315 eP 50 29.50 2.5
 LSA 27.99 288 P 51 05.00 2.2
 GUN 32.57 285 P 51 44.94 1.6
 PKI 33.00 284 P 51 47.38 0.3
 KKN 33.10 284 P 51 47.88 0.0
 DMN 33.27 284 P 51 47.88 -1.4
 GKN 33.67 285 P 51 52.48 -0.2
 ASPA 48.83 165 iPd 53 55.80 -0.8
 CTA 49.86 150 iPd 54 05.00 0.5
 RMQ 56.53 151 iPc 54 53.50 -0.4
 NB2 78.67 332 P 57 11.40 -0.8
 S.D. = 1.5 on 25 of 27 obs.

OCT 03, 1992 13h 56m 38.51±0.77s
 22.604 N ± 3.3km 121.396 E ± 3.5km
 DEPTH = 33.0 ± 5.3 km

5.1mb (75 obs.) 4.6Msz (8 obs.)

TAIWAN REGION (243)

ML 4.9 (BJI).

TWG 0.37 306 iPc 56 48.70 1.5
 TWZ 2.49 4 ePd 57 19.60 2.0
 QZH 3.47 313 iPd 57 31.20 -0.3
 HKC 6.69 269 iP 58 16.70 -0.3
 MCO 7.27 268 eP 58 24.30 -0.9
 GZH 7.44 275 Pd 58 26.40 -1.2
 SSE 8.46 359 Pc 58 39.00 -2.7
 NJ2 9.68 347 Pc 58 56.80 -1.7
 WHN 10.11 323 eP 59 02.00 -2.5
 Z 16s 120.00nm 59 13.00

				e	06	22.50	
				e	10	48.60	
				e	14	24.00	
GBA	42.60	266	P	04	34.00	0.5	
MGD	42.77	21	eP	04	35.00	0.7	
	0.9s		20.00nm				4.8mb
			e	04	46.00		
			e	10	52.00		
MBL	43.52	182	eP	04	39.00	-1.8	
FRU	43.58	309	iPd	04	42.40	1.2	
			e	06	28.50		
POO	44.56	274	iPd	04	46.00	-3.4X	
OIS	46.43	156	iPc	05	03.90	-0.2	
	0.4s		4.00nm				4.7mb
ASPA	47.57	164	iPc	05	12.90	-0.2	
	0.9s		12.10nm				4.9mb
			eS	12	00.80		
WARB	48.76	174	iPd	05	22.10	-0.2	
	0.4s		25.00nm				5.6mb
CTA	48.88	148	iPc	05	24.00	0.7	
	1.0s		8.75nm				4.7mb
			i	05	38.00		
MEEK	49.02	183	eP	05	23.30	-1.0	
TIK	49.24	3	eP	05	24.00	-1.4	
	1.0s		9.00nm				4.8mb
Z	15s		1.50um				5.1MszX
			e	05	29.00		
			eS	12	22.00		
			i	15	08.00		
NRI	50.89	345	iPc	05	25.20	-12.8X	
	0.6s		150.00nm				
Z	18s		1.80um				5.1Msz
			e	05	38.00		
			eS	12	52.00		
MRWA	51.78	186	eP	05	45.00	-0.3	
	0.4s		3.00nm				4.6mb
BAL	53.10	185	eP	05	54.00	-1.1	
	0.7s		10.00nm				4.9mb
COOL	53.18	180	eP	05	54.00	-1.7	
	0.8s		21.00nm				5.2mb
KLB	54.00	184	eP	06	01.00	-0.6	
	0.4s		4.00nm				4.8mb
MUN	54.50	185	eP	06	05.00	-0.3	
MAIO	54.77	299	iPd	06	08.80	1.2	
SVE	55.43	324	ePc	06	12.10	0.2	
	3.0s		120.00nm				5.4mb
N	12s		0.20um				
E	12s		0.30um				
			e	08	22.00		
			e	13	55.00		
RMQ	55.53	150	eP	06	13.20	0.3	
ASH	55.59	301	eP	06	14.00	0.7	
	1.2s		130.00nm				5.8mb
ARU	56.46	324	eP	06	18.00	-1.3	
	2.0s		100.00nm				5.5mb
ILT	58.06	23	eP	06	30.00	-0.4	
	1.0s		44.00nm				5.5mb
			e	06	40.00		
BRS	58.22	147	iPd	06	33.00	0.9	
			i	06	45.00		
CMS	58.66	156	eP	06	35.30	0.3	
ARMA	60.19	150	eP	06	46.70	1.0	
	0.8s		12.00nm				5.1mb
BWA	62.26	155	eP	07	01.10	1.5	
			iP	07	14.90	49kmX	
CAN	63.27	155	eP	07	09.80	3.5X	
			iP	07	22.00	42kmX	
CNB	63.41	155	eP	07	08.80	1.6	
TOO	64.01	159	eP	07	11.60	0.5	
	0.4s		30.00nm				5.7mb
ERE	66.04	305	iP	07	25.00	0.6	
	1.2s		8.00nm				4.7mb
BRW	66.17	20	eP	07	22.96	-1.6	
TTA	66.78						

& OCT 03, 1992 14h 00m 27.65s
34.797 N 116.291 W
DEPTH = 4.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS). 3.0 (GS).

VTS	1.75	20	iPd	21	08.00	0.3
KKS	1.86	308	iPnd	21	10.80	1.6
			iSn	21	36.50	
RZN	1.90	67	iPd	21	11.00	1.0
TPE	1.92	251	ePn	21	12.50	2.3
AGG	1.93	181	iPbc	21	09.96	-0.4
TIR	1.94	282	ePn	21	11.50	1.0
			iSn	21	39.50	
PGB	2.08	39	iPd	21	13.00	0.6
PLD	2.08	56	iPd	21	14.00	1.5
SRN	2.11	240	iPnc	21	14.70	1.8
			iSn	21	42.60	
LACI	2.13	289	iPnd	21	15.50	2.4
			iSn	21	44.20	
VLO	2.25	258	ePn	21	17.50	2.6
KEK	2.34	239	ePb	21	17.50	1.4
KDZ	2.39	72	iPc	21	17.00	0.1
SDA	2.43	298	iPnd	21	19.80	2.4
			iSn	21	52.50	
PVY	2.44	313	iPnc	21	22.52	4.9X
			iSn	21	56.16	
ULC	2.56	294	iPnc	21	19.36	0.0
			iSn	21	48.56	
DIM	2.60	64	iPc	21	21.00	1.1
IVA	2.67	317	iPnc	21	26.85	5.9X
			iSn	22	02.33	
TTG	2.76	303	iPnc	21	23.82	1.6
			iSn	21	57.13	
ALN	2.77	90	ePn	21	22.57	0.2
BDV	2.98	298	iPnc	21	24.61	-0.6
			iSn	21	58.57	
VLS	3.10	207	ePn	21	28.50	1.5
NKY	3.14	307	iPnd	21	29.18	1.6
			iSn	22	07.70	
PVL	3.15	43	iPd	21	26.00	-1.6
ATH	3.15	161	ePb	21	32.50	4.8X
EZN	3.21	109	iPn	21	29.60	1.0
PLE	3.25	318	iPnc	21	34.41	5.2X
			iSn	22	15.82	
HCY	3.27	298	iPnc	21	28.86	-0.5
			iSn	22	05.75	
PRK	3.44	119	ePn	21	32.50	0.8
BRY	3.46	305	iPnd	21	33.08	0.8
			iSn	22	14.20	
JMB	3.49	63	iPc	21	32.00	-0.4
BRT	3.93	271	P	21	36.00	-2.7X
BNT	4.25	96	ePn	21	40.00	-3.4X
VLI	4.25	174	ePn	21	44.00	0.6
BUCL	4.32	37	ePd	22	36.00	51.7X
GZR	4.44	4	iPd	21	46.00	-0.1
IZM	4.55	123	iPn	21	47.50	-0.1
CTT	4.57	86	eP	21	51.40	3.5X
KCT	4.60	97	ePn	21	48.40	0.1
MTUR	4.70	24	eP	21	34.00	-15.7X
TDS	4.80	256	P	21	51.90	0.7
HVAR	4.95	299	iPn	21	52.00	-1.2
			i(Sn)	22	41.00	
PSN	5.09	56	eP	21	54.00	-1.2
ISR	5.17	35	eP	21	49.50	-6.9X
MLR	5.22	29	ePc	21	41.00	-16.2X
MGR	5.27	263	P	21	56.70	-1.1
SGO	5.39	268	P	21	57.00	-2.4
SOI	5.68	242	P	22	07.60	4.1X
VRI	5.84	31	iPc	21	50.50	-15.2X
CFR	5.97	43	ePc	21	49.50	-18.1X
ATN	6.03	245	P	22	07.80	-0.7
NPS	6.23	155	ePn	22	13.50	2.2
PTJ	6.80	319	e(P)	22	20.00	0.6
VBY	6.91	313	ePn	22	20.20	-0.6
MEU	6.96	239	P	22	17.90	-3.8X
PSZ	7.19	346	eP	22	25.00	0.2
MNS	7.41	284	P	22	27.10	-0.8
CEY						

03d 18h

KIC 42.11 223 P 28 29.30 -1.7
 LIC 42.37 223 P 28 31.60 -1.6
 GKN 51.92 84 P 29 46.40 -1.9
 DMN 52.48 84 P 29 51.00 -1.7
 KKN 52.51 84 P 29 50.80 -2.1
 PKI 52.73 84 P 29 52.40 -2.2
 GUN 52.90 83 P 29 53.80 -2.1

S.D. = 1.3 on 72 of 88 obs.

& OCT 03, 1992 18h 27m 00.60s
 62.798 N 150.636 W
 DEPTH = 89.5km
 CENTRAL ALASKA (1)
 <AEIC>

HUR 0.49 68 iPd 27 15.22 -0.3
 TRF 0.67 13 iPd 27 17.16 -0.1
 KTH 0.77 350 iPd 27 18.02 -0.1
 SKT 0.92 207 iPd 27 19.50 -0.2
 RND 1.02 52 iPd 27 20.41 -0.4
 PWA 1.20 163 P 27 22.80 -0.2
 MCK 1.21 39 iPd 27 22.74 -0.4
 GH0 1.30 141 ePc 27 24.45 0.1
 SUA 1.34 182 ePc 27 24.79 0.0
 PLRM 1.40 149 ePc 27 25.10 -0.3
 PMR 1.40 149 eP 27 24.85 -0.6
 SML 1.46 132 iPd 27 26.20 -0.1
 NCG 1.57 208 ePc 27 27.48 -0.3
 CGLM 1.63 204 ePc 27 28.07 -0.4
 PMS 1.64 162 P 27 28.60 0.0
 CRP 1.70 206 ePd 27 28.64 -0.8
 KNK 1.73 143 ePc 27 29.15 -0.6
 CKN 1.74 205 eP 27 30.16 0.3
 BGL 1.75 209 eP 27 29.86 -0.2
 SPU 1.76 203 eP 27 29.13 -1.0
 CKT 1.77 206 eP 27 30.10 -0.2
 CKL 1.80 207 ePd 27 30.67 -0.1
 SCM 1.82 121 ePc 27 30.42 -0.6
 BKG 1.90 205 ePd 27 31.78 -0.2
 NEA 1.92 21 iPd 27 31.21 -1.0
 WRH 2.03 33 iPd 27 32.62 -1.1
 NKA 2.08 188 eP 27 37.56 3.2
 PTE 2.09 158 ePc 27 33.42 -1.0
 TOA 2.19 107 P 27 35.90 0.0
 CCB 2.24 33 ePd 27 35.31 -1.3
 MLY 2.24 359 eP 27 35.61 -1.0
 HDA 2.30 44 iPd 27 36.38 -1.1
 THY 2.31 72 eP 27 37.39 -0.1
 SLKM 2.31 175 eP 27 37.37 -0.1
 SDG 2.37 94 eP 27 38.04 -0.3
 DDM 2.37 63 eP 27 38.12 -0.3
 PAX 2.37 84 eP 27 38.24 -0.2
 RDT 2.39 201 eP 27 38.05 -0.6
 MPA 2.40 165 ePc 27 38.18 -0.5
 DFR 2.42 205 eP 27 39.20 0.1
 FBA 2.46 30 iPd 27 38.09 -1.4
 TTA 2.47 275 ePd 27 38.77 -1.0
 NCT 2.50 207 eP 27 39.78 -0.4
 RDN 2.51 205 eP 27 41.03 0.7
 REF 2.52 204 eP 27 40.40 -0.1
 TZL 2.54 105 eP 27 40.43 -0.2
 RDW 2.54 205 ePc 27 40.83 -0.1
 DJE 2.55 59 eP 27 39.36 -1.4
 RS2 2.55 204 eP 27 40.91 -0.1
 RSO 2.55 204 eP 27 41.11 0.1
 GLI 2.55 137 eP 27 39.35 -1.5
 RS1 2.56 204 eP 27 40.99 -0.1
 KLU 2.57 119 ePc 27 39.44 -1.7

RED 2.60 204 eP 27 41.33 -0.2
 VZW 2.60 130 eP 27 39.59 -1.9
 GLM 2.63 32 ePd 27 40.65 -1.2
 VLZ 2.63 128 eP 27 39.99 -1.9
 SEW 2.76 168 ePc 27 43.13 -0.5
 KNIM 2.82 149 ePc 27 42.11 -2.4
 FID 2.85 134 eP 27 43.05 -1.8
 SVW 2.90 236 P 27 45.50 -0.1
 INE 2.98 204 eP 27 47.49 0.6
 DOT 3.10 71 eP 27 47.54 -0.8
 HIN 3.12 139 eP 27 46.41 -2.2
 HOM 3.19 189 eP 27 50.62 1.1
 OPT 3.40 203 P 27 54.40 2.0
 SGAM 3.47 129 eP 27 51.43 -1.9
 PDB 3.47 211 ePd 27 52.63 -0.8
 GLB 3.48 110 ePc 27 51.79 -1.9
 TMW 3.52 78 eP 27 54.13 0.1
 IMA 3.54 339 P 27 53.50 -1.0
 AUP 3.70 203 eP 27 58.20 1.5
 RAGM 3.74 128 eP 27 56.21 -0.9
 HMT 3.92 126 eP 27 57.36 -2.3
 CROM 4.11 117 eP 28 00.54 -1.9
 CDD 4.15 202 eP 28 02.64 -0.2
 SYI 4.29 192 eP 28 04.10 -0.6
 BALM 4.30 111 eP 28 02.52 -2.5
 WAX 4.40 119 eP 28 04.28 -2.1
 CTGM 4.77 109 eP 28 09.62 -2.0
 YAH 4.90 116 eP 28 10.78 -2.7

81 obs. associated

* OCT 03, 1992 18h 28m 35.28±1.17s
 9.943 S ±11.5km 124.456 E ±14.9km
 DEPTH = 33.0km (normal)
 4.1mb (1 obs.)

TIMOR REGION, INDONESIA (289)

KNA 7.14 144 eP 30 20.30 0.2
 MTN 7.15 114 eP 30 21.00 0.7
 WARB 16.29 173 eP 32 23.00 -0.2
 ASPA 16.36 148 eP 32 23.10 -1.1
 0.6s 10.40nm 4.1mb
 MRWA 20.75 201 eP 33 16.50 0.7
 MAT 48.01 15 eP 37 13.00 -0.3
 ZOBO 151.11 154 PKP 48 33.00 10.8X
 S.D. = 0.9 on 6 of 7 obs.

% OCT 03, 1992 19h 36m 50.05±1.30s
 41.785 N ±11.8km 15.976 E ±11.9km
 DEPTH = 10.0km (geophysicist)

SOUTHERN ITALY (390)

BRT 1.29 134 P 37 14.00 0.0
 SGO 1.32 203 P 37 14.00 -0.5
 MGR 1.68 191 P 37 20.00 0.4
 MNS 2.53 285 P 37 32.40 0.6
 ASS 2.77 299 P 37 34.80 -0.5
 S.D. = 0.7 on 5 of 5 obs.

* OCT 03, 1992 21h 17m 57.83±0.63s
 1.410 N ±10.1km 129.427 E ±11.0km
 DEPTH = 10.0km (geophysicist)
 4.6mb (2 obs.)

HALMAHERA, INDONESIA (267)

TNE 2.18 254 eP 18 35.00 0.4
 SWI 2.91 141 ePc 18 44.50 -0.5
 ASPA 25.30 170 eP 23 27.10 0.8
 MAT 35.89 12 eP 25 00.00 -0.1
 LZH 41.87 328 eP 25 52.00 2.0
 GUN 49.26 306 P 26 49.30 -0.1
 PKI 49.50 306 P 26 50.60 -0.6
 KKN 49.69 306 P 26 52.30 -0.2
 DMN 49.76 306 P 26 53.10 0.0
 GKN 50.30 306 P 26 56.80 -0.3
 HYB 52.44 291 eP 27 12.00 -1.3
 S.D. = 0.9 on 11 of 11 obs.

OCT 03, 1992 21h 58m 33.24±0.46s

51.030 N ±10.8km 178.108 W ±4.9km
 DEPTH = 33.0km (normal)
 4.4mb (12 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 ML 4.9 (PMR).

ADK 1.23 46 iPd 58 53.38 -0.9
 SMY 5.12 292 ePn 59 51.40 1.9
 SDN 11.41 61 eP 01 15.60 -1.1
 SVW 16.02 42 eP 02 20.90 3.5X
 TTA 16.83 36 iPd 02 29.16 1.5
 0.9s 9.29nm 3.9mb
 BGL 17.49 44 eP 02 37.37 1.4
 CRP 17.59 44 iPd 02 37.75 0.4
 SPU 17.60 45 eP 02 37.69 0.4
 SLKM 18.20 48 ePn 02 42.54 -2.1
 PMS 18.75 46 eP 02 50.60 -0.8
 IMA 19.53 30 eP 03 00.58 0.0
 1.2s 8.70nm 3.9mb
 KLU 20.49 47 eP 03 11.27 0.6
 TOA 20.56 45 eP 03 12.20 0.9
 FBA 20.96 37 (P) 03 15.73 0.4
 0.9s 8.47nm 4.1mb
 MAT 34.16 262 eP 05 17.00 -0.2
 RMW 36.17 73 (P) 05 33.78 -0.5
 LBFM 39.23 82 eP 05 59.75 -0.4
 BONR 43.45 83 (P) 06 34.71 -0.2
 HVU 44.62 75 eP 06 44.55 0.4
 TPNV 45.36 83 (P) 06 50.87 0.7
 0.7s 5.68nm 4.6mb
 DUG 45.52 77 eP 06 51.80 0.4
 0.6s 2.32nm 4.3mb
 MSU 46.93 79 (P) 07 03.64 1.0
 0.7s 0.77.41
 SRU 47.59 77 eP 07 08.82 1.1
 HHC 48.20 287 eP 07 12.80 0.4
 BTO 49.29 287 eP 07 21.00 0.2
 GOL 50.36 73 eP 07 29.29 0.1
 0.8s 5.99nm 4.6mb
 ALO 52.74 78 eP 07 45.69 -1.5
 1.1s 3.70nm 4.3mb
 LZH 55.90 287 eP 08 09.50 -0.7
 1.5s 27.00nm 5.1mb
 GTA 56.10 292 P 08 10.00 -1.6
 1.5s 33.00nm 5.1mb
 MIAR 60.83 70 (P) 08 43.39 -1.0
 2.0s 23.75nm 5.0mb
 GSTN 65.47 63 (P) 09 14.98 0.0
 0.8s 4.50nm 4.6mb
 KAF 65.55 348 eP 09 12.00 -3.1X
 PRM 67.66 63 (P) 09 30.95 2.0
 LSA 67.97 290 eP 09 32.00 0.5
 NB2 68.03 355 P 09 28.10 -2.8
 0.5s 0.50nm 3.9mb
 JSC 68.14 62 eP 09 32.59 0.7
 LHS 68.24 62 eP 09 31.42 -1.1
 HBF 69.63 63 eP 09 44.88 3.8X
 GUN 72.39 293 P 09 58.02 -0.3
 KKN 72.83 293 P 10 00.40 -0.3
 PKI 72.92 293 P 10 00.92 -0.4
 GKN 73.04 294 P 10 01.36 -0.5
 DMN 73.07 293 P 10 02.12 0.0
 SLR 147.68 311 iPKPd 18 14.50 1.5
 S.D. = 1.1 on 41 of 44 obs.

% OCT 03, 1992 22h 57m 23.26±0.89s
 42.991 N ±6.9km 18.765 E ±5.5km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.1 (TTG).

BRY 0.19 241 iPgD 57 27.89 0.4
 NKY 0.25 136 iPgC 57 29.17 0.6
 PLE 0.57 53 iPgC 57 34.74 -0.2
 HCY 0.58 200 iPgD 57 34.54 -0.4
 TTG 0.67 147 iPgC 57 36.19 -0.4
 BDV 0.71 176 iPgD 57 37.00 -0.3
 IVA 0.84 98 iPgC 57 39.45 -0.1
 iSg 57 52.58

PVY 0.97 114 iPg 57 42.12 0.3
 iSg 57 56.87
 ULC 1.09 161 iPg 57 43.84 0.1
 iSg 58 00.09
 S.D. = 0.4 on 9 of 9 obs.

OCT 03, 1992 23h 02m 02.28 ± 0.81s
 43.035 N ± 8.9km 0.554 W ± 5.9km
 DEPTH = 10.0km (geophysicist)

PYRENEES (378)

ML 2.4 (LDG).

ESCF 0.05 341 Pg 02 03.69 -0.8
 Sg 02 05.03
 ATE 0.12 296 Pg 02 05.03 -0.3
 Sg 02 07.39
 LHE 0.13 202 Pg 02 06.03 0.5
 Sg 02 09.06
 OGE 0.15 24 Pg 02 04.14 -1.6
 ISSF 0.18 268 Pg 02 06.57 0.2
 Sg 02 10.20
 MADF 0.22 300 Pg 02 06.70 -0.4
 Sg 02 10.99
 BTH 0.27 71 Pg 02 07.00 -1.0
 Sg 02 09.70
 EPF 0.66 90 Pg 02 14.70 -0.7
 Sg 02 22.60
 LPO 2.07 37 Pg 02 39.40 1.9
 Sg 03 05.80
 LFF 2.12 26 Pg 02 40.30 2.1
 Sg 03 07.80
 CAF 2.67 44 Pg 02 51.80 5.6X
 Sg 03 23.40
 RJF 2.71 33 Pg 02 51.70 5.0X
 Sg 03 24.60
 S.D. = 1.4 on 10 of 12 obs.

OCT 03, 1992 23h 38m 54.99 ± 0.57s
 5.533 S ± 7.5km 133.813 E ± 8.5km
 DEPTH = 33.0km (normal)

4.6mb (9 obs.)

ARU ISLANDS REGION, INDONESIA (204)

SWI 5.29 331 ePc 40 11.50 -2.3
 iS 41 08.00
 AAI 5.89 288 eP 40 22.50 0.2
 MTN 7.73 200 eP 40 48.00 -0.2
 0.3s 346.00nm 6.9mb X
 eS 42 12.00
 WWKK 9.96 79 eP 41 17.60 -1.4
 KNA 11.30 206 eP 41 35.60 -1.6
 0.4s 94.00nm 6.3mb X
 eS 43 35.00
 PMG 13.78 107 eP 42 10.00 -0.4
 OIS 15.96 160 eP 42 35.00 -3.8X
 0.4s 14.00nm 4.5mb
 eS 45 39.00
 ASPA 18.03 180 eP 43 01.90 -2.9
 1.0s 42.20nm 4.5mb
 Z 21s 0.40um 5.8msz
 eS 46 06.10
 CTA 18.86 141 iPc 43 17.00 2.0
 1.0s 15.00nm 4.2mb
 iP 43 22.80
 eS 47 00.00
 e(S) 47 32.00
 MBL 20.62 220 eP 43 35.00 0.8
 WARB 21.65 198 eP 43 45.00 0.3
 QLP 23.18 156 eP 44 03.10 3.3X
 0.4s 34.00nm 5.2mb
 RMQ 25.25 147 eP 44 21.00 1.2
 0.6s 19.00nm 4.9mb
 BRS 28.25 142 iPc 44 47.00 -0.4
 0.8s 3.00nm 4.0mb
 MRWA 28.96 214 eP 44 54.00 0.3
 eS 50 26.00
 BFD 32.49 167 eP 45 26.10 1.4
 GYA 41.27 322 iPd 46 40.40 1.3
 0.8s 7.80nm 4.5mb
 XAN 45.86 331 eP 47 16.40 0.3
 LZH 50.03 328 eP 47 52.50 3.8X
 1.5s 22.00nm 5.0mb
 BTO 50.84 337 eP 48 01.60 6.8X
 GTA 54.64 328 eP 48 24.00 0.9
 0.6s 6.00nm 4.8mb
 sP 48 37.00
 WMO 64.32 325 P 49 30.50 0.7

KSH 69.53 316 eP 50 06.40 3.5X
 CNCB 149.06 136 iPKPd 58 46.30 7.5X
 LPB 149.17 136 PKP 58 46.00 7.2X
 ZOBO 149.32 135 PKP 58 42.20 2.9X
 1.0s 17.50nm
 i 58 46.20

SIV 154.03 146 (PKP) 58 56.00 10.6X
 S.D. = 1.4 on 18 of 27 obs.

? OCT 04, 1992 00h 05m 50.68 ± 0.92s
 27.396 S ± 12.5km 69.165 W ± 37.5km
 DEPTH = 120.0km (geophysicist)

NORTHERN CHILE (123)

ANT 3.85 343 eP 06 49.00 0.0
 RTLL 3.97 171 iPc 06 50.70 0.0
 S 07 35.00
 RTCB 4.09 176 ePc 06 52.30 -0.1
 CFA 4.27 169 eP 06 55.00 0.1
 MRA 5.83 150 e(P) 07 16.00 0.0
 S.D. = 0.1 on 5 of 5 obs.

OCT 04, 1992 01h 13m 22.28 ± 0.75s
 34.796 N ± 6.3km 139.874 E ± 7.5km
 DEPTH = 33.0km (normal)

4.8mb (2 obs.)

NEAR S. COAST OF HONSHU, JAPAN (230)

KAKJ 1.43 10 iPd 13 46.70 0.6
 S 14 03.80
 CHJJ 1.44 330 P 13 44.90 -1.4
 eS 14 03.00
 IIDJ 1.75 294 P 13 51.00 0.2
 S 14 11.10
 MAT 2.21 323 iPd 13 57.50 0.2
 iS 14 24.40
 MTMJ 2.45 317 iPd 14 01.20 0.2
 eS 14 31.00
 NIJJ 2.54 344 P 14 01.70 -0.3
 TSRJ 3.27 284 eP 14 13.10 0.7
 YAMJ 3.37 2 P 14 14.40 0.5
 WKYJ 3.58 262 eP 14 11.90 -5.0X
 OFUJ 4.51 18 P 14 29.70 -0.3
 S 15 19.90
 TKSJ 4.88 262 eP 14 34.40 -0.9
 YONJ 5.28 276 eP 14 41.50 0.6
 WB2 54.69 186 eP 22 49.70 -0.8
 0.5s 5.40nm 4.8mb
 ASPA 58.42 186 eP 23 17.80 0.8
 0.4s 3.70nm 4.8mb
 S.D. = 0.8 on 13 of 14 obs.

* OCT 04, 1992 01h 46m 17.02 ± 0.90s
 34.132 S ± 11.5km 70.631 W ± 11.7km
 DEPTH = 100.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)

MD 3.4 (SAN).

CACH 0.03 59 iPd 46 31.41 0.1
 iS 46 42.67
 CHCH 0.20 355 iPd 46 31.43 -0.1
 iS 46 42.87
 PCH 0.52 11 iP+ 46 33.43 0.2
 iS 46 46.27
 TACH 0.54 332 iP+ 46 33.46 0.1
 iS 46 46.70
 LNV 0.67 285 iP+ 46 34.35 0.0
 iS 46 48.73
 SAN 0.68 358 iP 46 34.48 0.0
 iS 46 48.31
 FCH 0.85 20 iP+ 46 36.49 0.0
 iS 46 52.48
 PEL 0.99 357 iPd 46 37.57 -0.1
 iS 46 54.51
 LCCH 1.02 310 iP+ 46 37.89 0.0
 iS 46 53.90
 ROCH 1.20 345 iPd 46 40.37 0.1
 JACH 1.45 1 iP 46 43.04 -0.1
 iS 47 03.40
 S.D. = 0.1 on 11 of 11 obs.

OCT 04, 1992 03h 12m 02.22 ± 0.75s
 34.576 N ± 7.7km 25.099 E ± 7.3km
 DEPTH = 10.0km (geophysicist)

3.5mb (1 obs.)

CRETE (370)

MD 4.1 (ATH).

NPS 0.80 31 iPnd 12 17.00 -0.8
 eSn 12 29.50
 VLI 2.77 321 iPnc 12 47.50 0.1
 IZM 4.19 24 iP 13 08.10 0.4
 ELL 4.48 60 eP 13 15.90 4.2X
 BCK 5.30 56 eP 13 24.00 0.6
 PPCY 5.97 85 eP 13 38.00 5.2X
 eS 14 40.50

CSS 6.79 84 eP 13 46.20 1.9
 eS 15 00.40

VAY 7.02 344 eP 13 51.00 3.4X

JVI 8.98 104 eP 14 14.40 -0.5

DSI 9.13 106 eP 14 16.00 -1.0

SAGI 9.17 116 eP 14 17.60 0.0
 eS 15 54.00

MBH 9.57 117 eP 14 22.50 -0.6

KHC 16.86 333 eP 15 59.00 -0.7
 1.1s 4.00nm 3.5mb

KIC 39.32 231 P 19 34.00 0.7
 S.D. = 1.0 on 11 of 14 obs.

& OCT 04, 1992 03h 31m 13.52s

58.066 N 138.069 W

DEPTH = 0.0km (geophysicist)

SOUTHEASTERN ALASKA (19)

<AEIC>. ML 3.3 (AEIC).

HON 1.43 343 eP 31 38.98 -1.8
 eS 31 58.71

PNL 1.73 337 eP 31 42.78 -2.3
 eS 32 06.88

BCPM 2.04 337 eP 31 47.97 -1.6
 eS 32 13.89

PCA 2.31 332 eP 31 51.59 -2.0

WRG 2.83 315 eP 31 59.65 -1.3

YAH 2.96 322 eP 32 01.43 -1.5
 eS 32 37.02

SNH 3.23 313 eP 32 05.42 -1.1
 eS 32 46.08

CTGM 3.33 331 eP 32 07.01 -1.1

WAX 3.41 316 eP 32 05.94 -3.2

TGL 3.62 320 eP 32 10.60 -1.5

BALM 3.67 325 eP 32 11.27 -1.6

CROM 3.73 318 eP 32 11.62 -2.1

HMT 3.90 308 eP 32 12.15 -3.9

GLB 4.44 322 eP 32 22.34 -1.5

HIN 4.91 302 eP 32 26.08 -4.3

KLU 5.23 314 eP 32 32.09 -2.9

16 obs. associated

& OCT 04, 1992 03h 49m 14.44s

61.379 N 150.325 W

DEPTH = 40.0km

SOUTHERN ALASKA (2)

<AEIC>. ML 3.1 (AEIC), 3.2

(PMR).

SUA 0.22 293 iPd 49 22.23 0.2
 eS 49 29.35

PWA 0.35 38 P 49 23.00 -0.2

PMS 0.39 110 P 49 23.60 -0.3

PLRM 0.61 69 iPc 49 25.77 -0.9
 eS 49 35.43

PMR 0.61 69 ePc 49 25.52 -1.2
 eS 49 34.82

NKA 0.78 215 ePc 49 29.74 0.7

GHO 0.78 59 iPc 49 28.26 -0.9

CGLM 0.81 266 iPc 49 29.05 -0.6

PTE 0.82 129 iPc 49 28.85 -0.7
 eS 49 41.06

SKT 0.83 317 iPc 49 29.00 -0.8
 eS 49 40.97

SPU 0.86 257 eP 49 29.12 -1.1
 eS 49 41.51

SLKM 0.88 177 iPc 49 29.16 -1.3

NCG 0.88 272 iPc 49 29.98 -0.6

CRP 0.89 264 eP 49 29.06 -1.7
 iS 49 42.59

KNK 0.90 87 iPc 49 30.08 -0.7
 eS 49 43.20

CKN 0.91 261 eP 49 30.50 -0.4

CKT 0.93 260 ePc 49 30.41 -0.8

BKG 0.99 253 eP 49 31.18 -0.9
 eS 49 44.98

CKL 0.99 260 iPc 49 31.16 -1.0

BGL 1.00 264 ePc 49 31.08 -1.2

04d 03h

MPA	1.01	152	iPc	49	31.36	-0.9
SML	1.05	65	iPc	49	31.86	-1.0
			eS	49	45.75	
RDT	1.30	232	iPc	49	35.35	-1.1
SEW	1.35	161	ePd	49	35.50	-1.6
DFR	1.40	237	iPc	49	36.86	-1.0
REF	1.46	233	iPc	49	37.97	-1.0
			eS	49	57.19	
RDN	1.47	235	eP	49	37.96	-1.1
RSO	1.50	233	eP	49	38.56	-0.9
RS2	1.50	233	eP	49	38.60	-0.9
SCM	1.50	71	ePc	49	38.54	-0.9
			eS	49	57.86	
RS1	1.50	233	eP	49	38.59	-0.9
RDW	1.51	235	ePc	49	38.62	-1.0
NCT	1.51	238	ePc	49	38.61	-0.9
			eS	49	59.00	
RED	1.54	232	ePc	49	38.80	-1.1
KNIM	1.64	128	ePc	49	38.48	-2.7
HUR	1.64	11	eP	49	41.01	-0.2
GLI	1.65	106	iPc	49	39.39	-2.0
			eS	50	00.04	
VZW	1.85	98	eP	49	42.75	-1.6
INE	1.89	227	eP	49	44.53	-0.4
MTU	1.92	136	eP	49	42.93	-2.3
VLZ	1.95	96	iPc	49	43.83	-1.8
FID	1.97	107	eP	49	43.37	-2.7
TRF	2.08	0	eP	49	46.57	-1.2
TOA	2.11	68	P	49	47.50	-0.6
HIN	2.11	116	eP	49	45.25	-2.9
KLU	2.12	85	iPc	49	46.48	-1.8
RND	2.15	18	eP	49	48.36	-0.3
KTH	2.20	353	eP	49	48.30	-1.1
OPT	2.25	221	eP	49	50.42	0.3
TZL	2.43	72	eP	49	51.65	-0.9
MCK	2.45	15	eP	49	52.96	0.1
PDB	2.49	232	eP	49	51.97	-1.4
AUL	2.53	219	eP	49	54.79	0.8
SDG	2.54	61	eP	49	53.61	-0.5
AUP	2.54	219	eP	49	55.19	0.9
AUH	2.55	219	eP	49	55.94	1.6
AUW	2.55	219	eP	49	55.37	1.1
SVW	2.58	266	iPc	49	52.61	-2.1
			eS	50	32.51	
SGAM	2.65	107	eP	49	52.51	-3.2
PAX	2.78	53	eP	49	57.27	-0.4
RAGM	2.94	107	eP	49	56.54	-3.2
CDD	2.96	215	eP	49	59.26	-0.9
SYI	2.97	201	eP	49	58.00	-2.1
TTA	3.09	303	ePc	49	59.17	-2.8
GLB	3.13	86	eP	50	00.73	-1.9
HMT	3.15	107	ePc	49	59.50	-3.3
NEA	3.26	10	eP	50	03.33	-1.0
WRH	3.27	17	eP	50	03.95	-0.5
HDA	3.41	25	eP	50	06.20	-0.3
CCB	3.48	18	eP	50	06.71	-0.7
CRQM	3.55	97	eP	50	06.74	-1.9
MLY	3.67	357	eP	50	08.91	-1.3
TGL	3.70	96	eP	50	11.15	0.5
FBA	3.72	17	ePc	50	09.98	-0.9
			eS	50	54.65	
WAX	3.77	101	eP	50	08.64	-3.0
GLM	3.86	19	eP	50	12.32	-0.6
BALM	3.88	92	eP	50	10.26	-3.0
YAH	4.32	100	eP	50	18.94	-0.6
IMA	4.94	344	eP	50	26.15	-2.1

79 obs. associated

OCT 04, 1992 05h 04m 12.51 ± 0.60s
 39.151 N ± 5.3km 21.725 E ± 5.7km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 3.3 (ATH). MD 2.7 (THE).

AGG	0.49	105	iPg	04	22.04	-0.4
			eSg	04	30.68	
LIT	1.12	32	iPbd	04	33.92	0.4
			eSb	04	51.24	
IGT	1.14	290	ePb	04	34.80	0.9
			eSb	04	50.32	
KZN	1.15	2	iPbc	04	33.50	-0.6
VLS	1.32	223	ePb	04	35.00	-1.9
FNA	1.65	351	ePb	04	42.24	0.5
			eSb	05	04.76	
PAIG	1.70	62	ePb	04	41.64	-0.7
			eSb	05	03.20	
THE	1.76	32	ePb	04	43.68	0.5

GRG	1.88	16	eSb	05	07.40	
ATH	1.96	126	ePn	04	45.12	0.2
SOH	2.09	36	iPnc	04	48.16	0.2
			eSn	05	15.33	
OUR	2.10	55	ePn	04	47.76	-0.4
VAY	2.26	16	iPb	04	50.40	-0.1
SRS	2.43	36	ePn	04	52.20	-0.7
			eSn	05	22.04	
VLI	2.61	158	ePn	04	57.50	2.0

S.D. = 1.0 on 14 of 15 obs.

* OCT 04, 1992 05h 26m 14.53 ± 0.74s
 42.252 N ± 9.0km 142.744 E ± 10.1km
 DEPTH = 33.0km (normal)
 HOKKAIDO, JAPAN REGION (224)

HOOJ	0.42	72	P	26	25.00	1.0
			S	26	32.30	
MRRJ	1.25	279	iPd	26	35.90	0.1
			eS	26	51.60	
KUSJ	1.68	59	iPd	26	41.30	-0.7
			eS	27	01.70	
ASAJ	1.87	358	iPd	26	44.40	-0.3
YAMJ	4.57	208	P	27	24.50	1.4
KAKJ	6.36	199	P	27	46.20	-2.2
			S	28	55.70	
MAT	6.70	213	eP	27	54.00	0.9
CHJJ	6.84	206	P	27	54.90	-0.3

S.D. = 1.3 on 8 of 8 obs.

OCT 04, 1992 06h 13m 19.41 ± 0.30s
 3.586 S ± 5.0km 141.449 E ± 5.6km
 DEPTH = 31.8km (5 depth phases)
 5.0mb (24 obs.) 4.6Msz (8 obs.)
 NEW GUINEA, PAPUA NEW GUINEA (202)

WWKK	2.17	91	iPc	13	51.90	-2.2
MNDI	3.37	139	iP	14	15.00	3.7X
			iS	14	50.00	
YYYY	5.22	121	eP	14	39.70	2.2
FINC	7.06	116	eP	15	03.00	-0.2
PMG	8.10	136	eP	15	18.00	0.2
RAB	10.71	94	e(P)	15	58.00	4.3X
SLKI	11.00	246	iPc	15	59.00	1.3
MTN	13.74	227	eP	16	33.50	-0.9
			0.5s	300.00nm	6.4mb X	
QIS	16.96	186	eP	17	16.50	0.4
			0.3s	6.00nm	4.2mb	
CTA	17.06	164	iPc	17	20.50	3.2X
			1.0s	6.25nm	3.7mb X	
			i	17	29.20	
			i	17	37.00	
			e	18	53.00	
			eS	20	25.20	
			e(S)	21	33.00	
KNA	17.37	225	eP	17	20.40	-0.8
			0.7s	219.00nm	5.4mb	
WB2	17.67	203	iPd	17	24.90	0.0
			0.7s	44.00nm	4.7mb	
			eS	21	00.00	
WRA	17.68	203	P	17	24.00	-1.0
BIP	19.17	308	ePc	17	41.00	-2.3
			0.8s	21.00nm	4.4mb	
CGP	20.55	306	eP	18	01.50	3.4X
			0.5s	10.00nm	4.4mb	
ASPA	21.25	199	eP	18	05.00	-0.3
			0.5s	14.70nm	4.6mb	
Z	20s		1.50um		4.4Msz	
			eS	22	02.50	
PLP	21.99	312	ePc	18	16.30	3.6X
RMQ	23.02	164	iPd	18	32.20	1.6
			0.6s	19.00nm	4.8mb	
PPR	26.24	301	eP	18	56.60	3.0X
WARB	26.58	211	eP	18	56.00	-0.7
			0.5s	26.00nm	5.1mb	
MBL	27.33	228	eP	19	04.50	0.9
ARMA	28.37	161	eP	19	14.40	1.3
DZM	30.42	129	iPc	19	29.00	-2.5
BWA	31.36	169	iPc	19	39.60	0.1
			iP	19	48.70	32km
			i	19	57.90	
CAN	32.34	168	iPc	19	47.70	-0.4
			eP	19	57.70	35km
CNB	32.41	168	eP	19	57.90	9.1X
			0.8s	18.00nm	5.0mb	

COOL	33.23	213	eP	19	55.00	-0.9
BFD	33.44	178	eP	20	11.00	13.4X
TOO	34.02	174	eP	20	05.00	2.3
	0.9s		26.00nm			5.2mb
MRWA	35.12	221	eP	20	12.00	-0.2
BAL	35.61	218	eP	20	16.00	-0.3
KLB	35.67	216	eP	20	16.00	-0.9
MUN	36.87	217	eP	20	31.00	4.1X
MAT	40.03	356	eP	21	01.00	7.7X
	1.2s		26.56nm			4.9mb
LOE	44.40	299	eP	21	29.00	-0.2
GYA	44.98	314	P	21	36.40	2.4
			pP	21	45.80	31km
NST	45.14	296	eP	21	36.50	1.4
CHG	47.39	300	ePc	21	53.00	0.0
	1.0s		12.50nm			4.9mb
SNY	48.04	342	eP	22	04.60	7.0X
Z	20s		0.55um			4.5Msz
			eS	28	54.00	
TIY	49.13	329	eP	22	05.60	-0.6
Z	22s		0.65um			4.6Msz
			eS	29	13.50	
BJI	49.23	334	eP	22	05.00	-1.8
	1.0s		11.00nm			4.8mb
Z	20s		0.60um			4.6Msz
CD2	49.68	316	eP	22	12.00	1.4
Z	18s		0.73um			4.7Msz
YSS	50.40	1	eP	22	22.20	6.5X
BT0	52.54	330	eP	22	31.00	-1.2
LZH	52.84	322	eP	22	45.00	10.4X
	1.5s		46.00nm			
Z	20s		0.44um			4.5Msz
GTA	57.41	322	eP	23	08.00	0.4
	1.2s		6.00nm			4.5mb
			pP	23	18.00	33km
LSA	58.39	308	eP	23	16.40	1.3
CIT	60.22	341	eP	23	12.20	-14.6X
GUN	61.94	304	P	23	39.48	0.2
	0.9s		82.00nm			5.9mb
PKI	62.20	304	P	23	40.78	-0.3
KKN	62.39	304	P	23	42.10	0.0
	0.8s		54.00nm			5.7mb
DMN	62.47	304	P	23	42.98	0.3
ZAK	62.96	334	eP	23	45.00	-0.1
	1.4s		23.00nm			5.1mb
Z	18s		0.30um			4.5Msz
E	18s		0.31um			
GKN	63.00	304	P	23	46.12	0.1
	0.8s		40.00nm			5.6mb
MOY	64.91	334	eP	24	04.90	7.1X
BOD	65.05	344	eP	24	08.60	9.9X
HYB	65.44	291	eP	24	00.80	-1.2
GBA	65.75	287	P	24	03.10	-0.8
YAK	66.04	354	eP	24	14.60	9.7X
WMO	67.40	321	eP	24	10.20	-3.9X
Z	16s		0.31um			4.6Msz X
			pP	24	26.00	57kmX
NDI	69.42	302	eP	24	27.00	0.2
POO	70.05	291	iPc	24	17.50	-13.3X
UKR	72.63	326	eP	24	44.20	-1.5
	1.6s		24.00nm			4.9mb
PRZ	72.97	316	eP	24	48.00	-0.2
	1.0s		20.00nm			5.1mb
KSH	73.65	313	eP	24	52.70	0.6
AAA	74.25	317	eP	25	07.00	11.6X
SEM	74.93	325 (P)		25	01.30	2.2
			e	25	10.00	28km
NVS	75.32	330	eP	25	07.00	5.8X
	1.6s		28.00nm			5.0mb
TIK	75.53	356	eP	25	11.00	8.9X
Z	20s		0.30um			4.6Msz
FRU	75.71	316	eP	25	15.80	12.0X
SVW	80.43	26	eP	25	34.00	4.7X
TTA	81.06	24	eP	25	39.30	6.6X
NR1	81.21	343	eP	25	42.00	8.8X
PMS	83.19	27	eP	25	46.10	2.4
	0.7s		14.90nm			5.2mb
IMA	83.33	22	eP	25	45.50	1.0
	0.9s		17.70nm			5.2mb
KLU	84.93	27	eP	26	00.57	8.1X
TOA	84.99	27	eP	25	58.40	5.6X
FBA	85.18	24	eP	25	53.00	-0.6
	0.9s		6.30nm			4.8mb
MA10	85.63	307	eP	26	05.00	8.4X
SPA	86.44	180	eP	26	06.70	6.7X
	1.0s		0.80nm			3.9mb X
BALM	86.47	28	eP	26	07.39	7.2X

CNCB 144.56 126 PKP 32 54.90 -1.2
 LPB 144.61 125 PKP 32 54.70 -1.3
 ZOBO 144.71 125 PKP 32 54.00 -2.5X
 CCH 145.71 128 ePKP 32 56.00 -1.7
 KIC 146.21 276 PKP 32 58.90 0.6
 TIC 146.47 277 PKP 32 59.06 0.3

0.5s 4.50nm
 LIC 146.50 276 PKP 32 59.86 1.1
 SIV 150.43 132 ePKP 33 09.00 4.2X
 PPD 151.64 154 ePKP 33 20.40 13.9X
 S.D. = 1.2 on 56 of 90 obs.

% OCT 04, 1992 06h 33m 39.11±0.95s
 40.388 N ± 8.8km 27.074 E ± 8.4km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MFT 0.43 22 iPg 33 47.70 -0.2
 iSg 33 54.20
 BNT 0.65 93 ePg 33 51.60 -0.5
 EZN 0.80 226 iPg 33 54.70 0.0
 eSg 34 06.00
 KCT 0.99 98 iPg 33 58.20 0.3
 eSg 34 12.20
 CTT 1.28 53 iPn 34 03.20 0.4
 S.D. = 0.5 on 5 of 5 obs.

? OCT 04, 1992 07h 41m 18.63±2.49s
 5.531 S ± 20.6km 130.627 E ± 22.3km
 DEPTH = 117.8 ± 24.6 km
 4.6mb (3 obs.)

BANDA SEA (280)

SLKI 2.52 165 iPc 41 59.50 0.3
 MTN 7.29 176 eP 43 03.90 -0.1
 0.3s 110.00nm 5.9mb X
 eS 44 26.00

KNA 10.32 190 eP 43 45.40 0.6
 eS 45 39.00

WB2 14.78 166 iPc 44 39.00 -4.0X
 0.2s 13.60nm 4.9mb X
 eS 47 18.00

QIS 17.30 151 eP 45 12.00 -2.3
 0.3s 8.00nm 4.5mb
 eS 48 16.00

ASPA 18.31 170 eP 45 26.40 0.0
 0.7s 23.40nm 4.6mb
 eS 48 40.00

CTA 20.98 135 eP 45 56.00 1.8

GUN 54.47 310 P 50 36.44 -0.4
 0.5s 11.00nm 5.1mb

PKI 54.66 309 P 50 38.02 -0.2

KKN 54.87 310 P 50 39.66 0.1

DMN 54.92 309 P 50 40.14 0.2

GKN 55.47 309 P 50 43.82 0.0

MAIO 78.25 309 eP 53 16.00 8.7X

CNCB 151.17 141 PKP 01 05.80 10.9X

LPB 151.30 140 ePKP 01 16.00 21.1X

ZOBO 151.46 140 PKP 01 08.80 13.3X

S.D. = 1.1 on 11 of 16 obs.

? OCT 04, 1992 07h 49m 54.52±0.89s
 24.235 N ± 8.3km 121.262 E ± 8.3km
 DEPTH = 10.0km (geophysicist)

TAIWAN (244)

TWO 0.39 276 iPd 50 02.40 -0.1
 eS 50 07.70

TWC 0.65 55 ePc 50 07.30 -0.2
 eS 50 16.50

TWF1 0.88 178 ePc 50 11.50 0.1

TWZ 0.91 18 ePc 50 16.50 4.6X

TWK 1.20 217 ePd 50 22.70 5.8X

TWM1 1.60 209 eP 50 26.80 3.9X

SSE 6.83 359 Pn 51 37.50 0.3

Z 16s 0.90um

S.D. = 0.4 on 4 of 7 obs.

? OCT 04, 1992 08h 30m 29.64±1.01s
 39.167 N ± 7.8km 27.527 E ± 12.0km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

Izm 0.80 195 iPg 30 45.10 0.0
 iSg 30 56.60

EZN 1.14 306 ePn 30 51.00 0.1

BNT 1.23 14 ePn 30 52.20 -0.2

KCT 1.26 30 iPn 30 53.20 0.2
 S.D. = 0.3 on 4 of 4 obs.

% OCT 04, 1992 08h 55m 44.17±1.02s
 41.174 N ± 10.5km 29.178 E ± 6.8km
 DEPTH = 19.0 ± 9.4 km

TURKEY (366)

ISK 0.14 220 iPg 55 48.20 -0.2
 iSg 55 50.00

HRT 0.51 133 iPg 55 54.20 -0.2

CTT 0.57 268 iPg 55 55.20 -0.1
 eSg 56 03.20

YLV 0.62 166 iPg 55 56.70 0.4

EYL 0.96 129 ePn 56 02.00 -0.1

KCT 1.12 214 iPn 56 05.20 0.6

DMK 1.25 302 ePn 56 06.90 0.3

BNT 1.26 230 ePn 56 06.00 -0.7

S.D. = 0.5 on 8 of 8 obs.

OCT 04, 1992 09h 02m 04.23±0.45s
 23.495 N ± 5.0km 102.694 E ± 5.9km
 DEPTH = 10.0km (geophysicist)

4.4mb (8 obs.)

YUNNAN, CHINA (318)

ML 4.3 (BJI).

KMI 1.62 1 Pnd 02 33.50 0.3
 Pg 02 35.50

GYA 4.66 50 Pn 02 56.00 -0.8
 Sg 03 15.60

Pg 03 33.00

Sn 04 11.60

Sg 04 34.00

CHG 5.83 218 ePnd 03 31.00 -1.8
 ePg 03 50.60

eSg 05 03.50

LOE 6.12 189 eP 03 39.10 2.1

BDT 7.12 210 eP 03 49.20 -1.7

CD2 7.45 7 ePn 03 55.10 -0.5

Z 10s 1.90um

eSn 05 17.50

QIZ 8.01 122 eP 04 03.00 -0.5

N 10s 1.28um

E 11s 1.30um

eS 05 32.60

NST 8.15 198 eP 04 18.00 12.6X

XAN 11.84 26 P 04 54.50 -1.6

0.8s 8.80nm 5.1mb X

Z 14s 1.29um

N 12s 1.30um

E 12s 1.55um

LZH 12.59 4 eP 05 07.50 1.2

1.5s 24.00nm 5.2mb X

Z 10s 0.43um

GUN 15.78 290 P 05 49.56 1.0

GTA 16.05 352 eP 05 51.50 -0.3

1.5s 17.00nm 4.0mb

Z 12s 0.60um 4.7MszX

E 10s 0.71um

pP 05 56.00

PKI 16.12 288 P 05 52.60 -0.3

0.6s 38.00nm 4.7mb

KKN 16.27 289 P 05 54.96 0.2

0.7s 39.00nm 4.6mb

DMN 16.39 288 P 05 56.80 0.5

0.5s 24.00nm 4.5mb

GKN 16.87 289 P 06 01.48 -0.8

BTO 18.14 18 eP 06 14.00 -3.9X

N 12s 0.56um

E 11s 0.60um

eS 09 39.00

HHC 18.84 21 P 06 26.20 -0.4

1.0s 7.10nm 3.8mb

Z 10s 0.64um 4.2Msz

BJI 20.05 31 eP 06 41.50 1.3

1.4s 24.00nm 4.3mb

Z 16s 0.58um 4.0MszX

N 10s 0.52um

GBA 25.85 252 P 07 38.00 0.3

WRA 53.07 142 P 11 25.00 0.9

0.7s 2.10nm 4.2mb

WB2 53.08 142 iPd 11 24.70 0.6

0.7s 3.70nm 4.4mb

S.D. = 1.1 on 20 of 22 obs.

? OCT 04, 1992 09h 09m 30.84±5.94s

42.314 N ± 52.8km 7.226 E ± 27.2km
 DEPTH = 10.0km (geophysicist)

WESTERN MEDITERRANEAN SEA (387)

ML 2.8 (LDG).

LMR 1.15 333 Pn 09 52.30 0.0
 Sn 10 07.30

LRG 1.31 331 Pn 09 55.00 0.0
 Sn 10 11.40

FRF 1.32 341 Pn 09 55.10 -0.1
 Sn 10 11.30

PGF 1.33 79 Pn 09 55.50 0.0
 Sn 10 12.60

SBF 1.56 6 Pn 09 58.70 0.0
 Sn 10 17.30

S.D. = 0.1 on 5 of 5 obs.

* OCT 04, 1992 09h 50m 46.58±2.55s
 36.891 N ± 17.4km 20.428 E ± 18.2km
 DEPTH = 10.0km (geophysicist)

3.6mb (1 obs.)

CENTRAL MEDITERRANEAN SEA (400)

ML 3.5 (ATH).

VLS 1.29 6 ePg 51 11.00 0.5

VLI 2.02 94 ePb 51 20.80 -0.3

AGG 2.61 35 eP 51 30.00 0.5
 eS 51 57.50

ATH 2.83 67 ePg 51 33.00 0.3

KZN 3.57 17 ePn 51 43.00 -0.2

LIT 3.59 26 eP 51 44.00 0.6

NPS 4.50 110 ePb 52 07.50 11.1X

VAY 4.73 20 iPn 51 58.30 -1.3

SKO 5.13 8 ePn 52 04.70 -0.6

HFS 23.66 352 eP 55 59.10 0.5

0.4s 0.70nm 3.6mb

S.D. = 0.7 on 9 of 10 obs.

OCT 04, 1992 10h 29m 04.28±0.77s
 40.665 N ± 7.4km 29.673 E ± 5.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

HRT 0.16 359 iPg 29 08.20 0.3
 iSg 29 09.20

GBZT 0.21 306 ePg 29 09.60 0.7
 iSg 29 12.30

YLV 0.25 247 iPg 29 09.20 -0.4

EYL 0.38 105 ePg 29 12.00 -0.2
 eSg 29 17.20

CTT 1.06 297 iPg 29 22.70 -1.5
 eSg 29 37.70

KCT 1.09 248 ePg 29 25.20 0.5
 eSg 29 39.20

BNT 1.37 258 ePn 29 30.00 0.6

DMK 1.85 309 ePn 29 36.40 0.1

S.D. = 0.9 on 8 of 8 obs.

? OCT 04, 1992 12h 43m 35.43±0.87s
 40.808 N ± 11.1km 23.145 E ± 7.3km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

SOH 0.16 85 iPg 43 39.24 0.1
 eSg 43 41.92

THE 0.22 218 iPg 43 40.16 -0.1
 eSg 43 43.32

SRS 0.46 47 ePg 43 44.68 -0.1
 eSg 43 50.68

GRG 0.58 285 ePg 43 47.32 0.1

S.D. = 0.2 on 4 of 4 obs.

* OCT 04, 1992 12h 48m 41.22±0.96s
 5.428 S ± 11.2km 147.141 E ± 12.6km
 DEPTH = 206.7 ± 5.7 km
 4.8mb (6 obs.)

EASTERN NEW GUINEA REG., P.N.G. (207)

MDG 1.37 277 iPc 49 14.80 0.2

FINC 1.38 149 eP 49 13.20 -1.5
 eS 49 40.00

YYYY 1.42 235 iPc 49 16.20 0.9

WWKK 3.94 297 eP 49 44.00 0.9
 eS 50 48.80

PMG 3.95 180 iPd 49 42.20 -1.0
 eS 50 28.00

CTA 14.60 183 iPd 52 01.00 1.5

04d 12h

QIS 1.0s 25.00nm 4.6mb
 16.73 205 eP 52 24.60 -0.8
 0.2s 9.00nm 4.9mb
 RMO 21.00 176 iPc 53 11.00 1.4
 0.7s 15.00nm 4.6mb
 ASPA 22.17 214 eP 53 22.60 1.5
 0.3s 47.60nm 5.5mb
 eS 57 10.00
 BRS 22.49 167 iPc 53 25.20 1.0
 WARB 28.46 221 eP 54 19.00 -0.1
 0.3s 5.00nm 4.7mb
 MBL 30.75 237 eP 54 38.30 -1.0
 MEEK 34.43 229 eP 55 10.40 -0.7
 MRWA 37.77 228 eP 55 38.80 -0.3
 KLB 37.88 223 eP 55 39.10 -0.9
 0.3s 11.00nm 5.0mb
 BAL 38.03 225 eP 55 40.00 -1.2
 SPA 84.61 180 eP 00 52.90 0.5
 0.8s 0.61nm 3.4mb X
 GEC2 121.52 326 PKP 07 11.40 -0.3
 0.5s 1.23nm
 SIV 144.89 128 iPKPc 07 56.00 -0.1
 TIC 152.29 274 (PKP) 08 14.40 6.7X
 S.D. = 1.1 on 19 of 20 obs.

& OCT 04, 1992 13h 06m 25.78s
 35.976 N 118.354 W
 DEPTH = 0.0km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.0 (PAS).

ISA 0.33 197 eP 06 32.12 -0.2
 ABL 1.33 212 eP 06 50.06 -1.3
 PKEM 1.43 274 eP 06 52.77 -0.1
 GSC 1.43 118 eP 06 51.98 -1.0
 BCH 1.62 241 eP 06 55.12 -0.6
 PHAM 1.67 266 eP 06 55.14 -1.2
 MEMM 1.75 345 ePc 06 58.20 0.6
 SSK 1.84 163 eP 06 58.42 -0.7
 TPNV 1.95 60 eP 06 59.83 -0.9
 BONR 1.98 1 eP 07 02.47 1.3
 TNP 2.29 23 ePn 07 05.04 -0.6
 ePg 07 08.33
 PEC 2.30 154 (P) 07 04.26 -1.3
 CMB 2.62 322 eP 07 10.56 0.4
 PLM 2.89 154 (P) 07 12.88 -1.3
 ARN 2.90 299 eP 07 14.64 0.5
 15 obs. associated

* OCT 04, 1992 13h 46m 36.09±1.06s
 3.522 S ±14.3km 141.435 E ±7.7km
 DEPTH = 10.0km (geophysicist)
 4.0mb (3 obs.) 3.7msz (1 obs.)
 NEW GUINEA, PAPUA NEW GUINEA (202)

WWKK 2.19 93 iPc 47 11.20 -1.9
 MNDI 3.43 140 iP 47 34.00 3.1X
 eS 48 20.00
 YYYY 5.26 121 eP 47 58.20 1.3
 PMG 8.15 136 eP 48 38.00 0.6
 MTN 13.77 227 eP 49 53.50 -0.3
 0.4s 98.00nm 6.0mb X
 QIS 17.03 186 eP 50 35.00 -1.0
 0.3s 2.00nm 3.7mb
 eS 53 49.00
 CTA 17.12 164 eP 50 43.00 5.8X
 e(S) 53 32.00
 KNA 17.41 225 eP 50 40.00 -0.8
 WB2 17.72 202 eP 50 44.10 -0.6
 0.7s 9.20nm 4.0mb
 eS 53 56.20
 KUG 18.88 249 eP 51 02.00 3.0X
 e 53 00.00
 ASPA 21.31 199 eP 51 24.50 -0.9
 0.7s 8.50nm 4.2mb
 Z 19s 0.30um 3.7msz
 eS 55 23.10
 PCI 21.74 276 e(P)c 51 30.30 0.6
 e 52 48.00
 RMO 23.89 164 eP 51 52.00 1.1
 BRS 26.09 157 eP 52 12.50 0.6
 e 52 34.50
 WARB 26.63 211 eP 52 16.00 -0.8
 MBL 27.36 228 eP 52 26.00 2.4
 GBA 65.72 287 P 57 30.00 6.4X
 CNCB 144.61 126 ePKP 06 14.00 -2.3X
 LPB 144.66 125 (PKP) 06 23.00 6.8X

ZOBO 144.76 125 PKP 06 22.00 5.3X
 CCH 145.76 128 (PKP) 06 24.00 6.0X
 KIC 146.19 276 (PKP) 06 18.00 -0.4
 SIV 150.48 132 ePKP 06 38.00 12.9X
 S.D. = 1.3 on 14 of 23 obs.

? OCT 04, 1992 13h 55m 00.25±2.61s
 32.278 S ±24.6km 70.329 W ±21.2km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.4 (SAN).

JACH 0.46 209 iPd 55 17.07 -0.1
 iS 55 31.45
 ROCH 0.90 220 iPd 55 21.20 0.2
 iS 55 39.26
 PEL 0.91 199 iP+ 55 20.85 -0.1
 iS 55 37.78
 FCH 1.05 178 iP+ 55 22.53 -0.1
 iS 55 40.57
 PCH 1.35 187 iP+ 55 25.59 -0.1
 iS 55 47.11
 TACH 1.46 200 iPd 55 26.83 -0.2
 iS 55 49.63
 LCCH 1.59 221 iPd 55 28.88 0.4
 iS 55 53.87
 CHCH 1.67 189 iP 55 29.30 -0.3
 iS 55 53.53
 CACH 1.85 187 iP+ 55 32.78 0.9
 iS 55 57.90
 LNV 1.90 208 iP+ 55 31.75 -0.7
 S.D. = 0.5 on 10 of 10 obs.

% OCT 04, 1992 14h 09m 59.08±0.65s
 39.697 N ±6.0km 27.848 E ±5.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

EDC 0.65 1 iPg 10 11.50 -0.6
 eSg 10 20.50
 BNT 0.66 5 iPg 10 12.10 -0.1
 iSg 10 21.10
 KCT 0.68 35 iPg 10 12.10 -0.4
 iSg 10 22.10
 MFT 1.17 338 ePg 10 21.00 0.0
 eSg 10 36.00
 EZN 1.18 277 ePg 10 21.80 0.7
 IZM 1.38 200 iPn 10 23.70 -0.6
 YLV 1.46 53 ePn 10 26.00 0.5
 CTT 1.52 17 ePn 10 26.00 -0.2
 HRT 1.79 51 ePn 10 31.00 0.7
 EYL 1.97 63 ePn 10 33.00 0.0
 S.D. = 0.6 on 10 of 10 obs.

& OCT 04, 1992 14h 10m 14.73s
 59.685 N 152.908 W
 DEPTH = 90.0km
 SOUTHERN ALASKA (2)
 <AEIC>.

OPT 0.17 259 eP 10 27.20 0.9
 eS 10 36.12
 IVS 0.34 345 P 10 28.70 -0.2
 INE 0.39 348 eP 10 28.42 -0.6
 eS 10 38.90
 INW 0.40 344 eP 10 28.54 -0.6
 eS 10 39.37
 AUE 0.40 216 iP 10 28.14 -0.8
 AUL 0.41 222 iP 10 28.35 -0.6
 eS 10 39.40
 AUP 0.42 219 eP 10 28.51 -0.7
 eS 10 39.77
 AUH 0.42 220 iP 10 28.64 -0.6
 eS 10 38.18
 AUW 0.43 222 iP 10 28.44 -0.7
 eS 10 38.17
 AUI 0.44 217 eP 10 28.52 -0.7
 eS 10 38.77
 HOM 0.64 92 eP 10 30.43 -0.5
 eS 10 42.43
 PDB 0.66 280 iP 10 30.32 -0.8
 eS 10 42.39
 RED 0.74 5 iP 10 31.06 -0.9
 RS1 0.78 5 iP 10 31.77 -0.8
 eS 10 45.57
 RS2 0.78 5 iP 10 31.77 -0.8
 RSO 0.78 6 iP 10 31.77 -0.8

RDW 0.80 3 iP 10 31.89 -0.9
 REF 0.81 7 iP 10 31.99 -0.9
 eS 10 45.72
 RDN 0.83 5 eP 10 32.23 -0.8
 CDD 0.85 207 eP 10 31.80 -1.2
 NCT 0.88 359 eP 10 32.71 -0.8
 eS 10 46.42
 MCNL 0.89 236 iP 10 32.48 -1.0
 eS 10 45.68
 DFR 0.92 7 eP 10 33.19 -0.7
 eS 10 47.39
 RDT 0.93 16 iP 10 32.96 -1.0
 SYI 1.11 166 iP 10 35.06 -0.9
 NKA 1.35 37 eP 10 39.80 0.9
 BKG 1.43 13 iP 10 39.50 -0.5
 eS 10 58.23
 CKL 1.54 10 iP 10 40.90 -0.7
 eS 11 01.19
 CKT 1.56 13 eP 10 40.99 -0.8
 SPU 1.56 15 eP 10 40.95 -0.8
 SLKM 1.58 57 eP 10 41.10 -0.8
 CKN 1.59 13 eP 10 41.60 -0.4
 BGL 1.60 9 iP 10 41.78 -0.6
 CRP 1.63 13 eP 10 42.20 -0.5
 CGLM 1.69 15 iP 10 42.78 -0.6
 NCG 1.76 12 iP 10 43.84 -0.6
 SEW 1.79 75 eP 10 43.62 -1.0
 MPA 1.95 64 eP 10 45.37 -1.4
 SUA 2.08 30 eP 10 47.96 -0.7
 PTE 2.27 57 eP 10 49.57 -1.5
 PMS 2.28 45 P 10 50.00 -1.3
 SKT 2.40 16 eP 10 51.89 -1.0
 PWA 2.47 36 P 10 53.40 -0.4
 LTI 2.57 80 eP 10 54.07 -1.2
 MTU 2.67 81 eP 10 54.98 -1.6
 KNIM 2.68 73 eP 10 54.02 -2.7
 KNK 2.80 50 eP 10 57.09 -1.3
 GHO 2.87 41 eP 10 57.58 -1.7
 SML 3.10 45 eP 11 00.58 -1.9
 GLI 3.13 65 eP 11 01.62 -1.3
 50 obs. associated

? OCT 04, 1992 14h 10m 54.35±5.45s
 39.813 N ±35.6km 27.964 E ±12.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

KCT 0.53 35 iPg 11 05.10 0.0
 iSg 11 15.10
 EDC 0.54 352 iPg 11 05.50 0.3
 iSg 11 15.50
 BNT 0.54 356 ePg 11 05.10 -0.2
 eSg 11 14.10
 MFT 1.10 332 ePg 11 15.10 0.0
 eSg 11 29.60
 CTT 1.38 15 ePn 11 19.60 0.0
 S.D. = 0.2 on 5 of 5 obs.

OCT 04, 1992 15h 20m 08.72±0.71s
 20.101 N ±5.3km 94.919 E ±4.9km
 DEPTH = 86.1 ±7.6 km
 4.5mb (25 obs.)
 MYANMAR (296)

CHG 4.01 108 iPnd 21 09.60 0.5
 iSg 22 05.00
 8DT 4.80 126 iPd 21 20.00 -0.1
 e 22 12.20
 NST 6.64 131 eP 21 46.00 0.5
 LOE 6.99 111 eP 21 51.80 1.4
 e 23 05.70
 NNT 8.78 148 eP 22 15.00 0.0
 KMI 8.78 54 Pc 22 20.00 4.8X
 1.0s 120.00nm 5.6mb X
 LSA 10.15 341 eP 22 33.40 -0.5
 S 24 25.00
 GUN 11.34 315 P 22 48.76 -1.1
 PKI 11.44 312 P 22 49.96 -1.2
 0.5s 331.00nm 6.5mb X
 KKN 11.67 313 P 22 52.76 -1.3
 DMN 11.68 312 P 22 53.10 -1.1
 GKN 12.25 312 P 23 00.38 -1.3
 0.3s 376.00nm 6.6mb X
 GYA 12.51 57 P 23 06.60 1.5
 1.2s 16.00nm 4.7mb
 CD2 13.39 35 eP 23 17.20 0.7

HYB	15.73	263	eP	23	46.00	-0.7	KENAI PENINSULA, ALASKA <AEIC>. ML 3.1 (AEIC).	(14)	TOA	3.19	54	P	24	50.00	-1.7
	0.8s	76.90nm	eS	26	30.50	4.9mb			KTH	3.22	6	eP	24	51.61	-0.5
LZH	17.75	24	eP	24	13.00	1.2	RDT	0.41	301	iPd	24	13.67	-0.6		
	1.6s	25.00nm	sP	24	39.00	4.2mb	NKA	0.44	31	iPc	24	13.15			
G8A	17.93	252	P	24	16.00	2.1	REF	0.51	284	iPd	24	14.79	-0.7		
			S	27	20.00		RSO	0.53	281	iPd	24	14.98	-0.7		
NDI	18.23	301	iPd	24	18.50	0.9									
	0.7s	27.40nm				4.6mb	RS1	0.53	280	iPd	24	15.05	-0.7		
XAN	18.63	39	P	24	20.50	-1.8	RS2	0.53	281	iPd	24	15.02	-0.7		
	0.6s	25.00nm				4.6mb	RED	0.54	276	iPd	24	14.86	-0.8		
GTA	19.70	11	eP	24	33.50	-0.4									
	1.0s	6.00nm				3.9mb	DFR	0.54	295	iPd	24	14.84	-0.8		
POO	19.95	269	eP	24	25.50	-10.9X	RDN	0.55	286	iPd	24	14.96	-0.8		
WHN	20.38	55	Pc	24	41.00	0.2									
	1.2s	40.00nm				4.6mb	RDW	0.56	282	iPd	24	15.27	-0.8		
WMO	24.41	347	P	25	22.90	2.4	NCT	0.64	288	iPd	24	16.04	-0.8		
			pP	25	38.00	64kmX									
			ScS	36	15.00		HOM	0.71	178	ePd	24	17.72	0.2		
HHC	25.08	31	eP	25	24.00	-2.9	SLKM	0.75	79	iPc	24	17.39	-0.6		
TIA	25.22	46	eP	25	27.50	-0.6									
KSH	25.25	324	eP	25	30.60	2.2									
	0.9s	50.00nm				5.0mb	INE	0.75	246	ePc	24	17.16	-1.0		
PRZ	26.31	332	eP	25	56.00	17.8X									
BJI	26.96	38	eP	25	45.00	1.1	8KG	0.76	339	iPd	24	17.34	-0.9		
	0.7s	7.00nm				4.3mb									
AAA	27.59	331	eP	25	39.00	-10.7X	INW	0.78	248	ePc	24	17.52	-0.9		
UKR	31.81	348	eP	26	26.80	-0.2									
			eS	31	26.80		SPU	0.84	348	iPd	24	18.25	-0.9		
NVS	35.84	349	iP	27	01.00	-0.6									
			eS	32	28.80		CKT	0.87	344	iPd	24	18.85	-0.8		
SVE	44.57	334	eP	28	14.10	0.5									
MBL	47.70	148	eP	28	38.00	-0.7	CKL	0.89	340	iPd	24	19.11	-0.8		
AKH	48.25	308	eP	28	44.80	1.7	CKN	0.89	345	iPd	24	19.33	-0.5		
BKR	48.29	308	eP	28	45.00	1.7	XLV	0.92	181	eP	24	19.72	-0.4		
NRI	49.47	357	iPc	28	50.70	-1.0	CRP	0.93	346	iPd	24	19.89	-0.6		
	0.7s	19.00nm				5.2mb	CPKM	0.94	344	P	24	20.30	-0.3		
TIK	55.17	12	iPc	29	32.00	-2.2	CGLM	0.96	351	iPd	24	20.05	-0.7		
	0.5s	32.00nm				5.6mb X	BGL	0.96	340	iPd	24	20.19	-0.6		
			eS	37	04.00		OPT	1.05	228	iPc	24	21.38	-0.5		
WRA	55.45	134	P	29	35.70	-1.2									
	0.5s	2.30nm				4.5mb	NCG	1.06	348	iPd	24	21.59	-0.6		
WB2	55.46	133	iPd	29	35.20	-1.7									
	0.3s	8.10nm				5.2mb	SEW	1.15	102	iPc	24	22.21	-1.0		
			i	29	57.40		MPA	1.17	83	iPc	24	22.62	-0.7		
			i	30	35.00										
MUN	55.66	158	eP	29	37.00	-1.2	SUA	1.19	23	iPc	24	23.40	-0.5		
KLB	55.87	156	eP	29	39.00	-0.8									
ASPA	57.76	137	eP	29	52.40	-0.9	AUE	1.32	221	eP	24	24.47	-1.0		
	0.7s	7.60nm				4.9mb	AUL	1.32	222	eP	24	24.98	-0.5		
KAF	62.44	330	eP	30	54.30	29.6X	AUP	1.33	222	eP	24	25.01	-0.7		
	0.4s	1.00nm					AUH	1.34	222	iPc	24	25.07	-0.7		
HFS	68.44	328	eP	31	02.50	-0.7	AUW	1.34	223	iPc	24	25.09	-0.7		
	0.4s	2.00nm				4.4mb	AUI	1.36	221	P	24	25.35	-0.6		
BRG	69.04	318	i(P)	31	07.70	0.6									
GEC2	69.43	316	Pc	31	10.00	0.3	PMS	1.37	49	P	24	25.30	-0.9		
	0.7s	3.43nm				4.4mb	PDB	1.38	246	iPc	24	24.63	-1.7		
NB2	69.60	329	P	31	09.60	-0.7									
	0.5s	1.10nm				4.0mb	PTE	1.41	68	iPc	24	25.80	-0.9		
LPG	74.69	313	eP	31	41.20	0.0	PWA	1.56	34	P	24	28.20	-0.6		
LPL	74.70	313	eP	31	41.20	0.1	SKT	1.62	3	iPc	24	28.78	-0.9		
	0.5s	3.05nm				4.4mb	CDD	1.75	215	iPc	24	30.41	-1.0		
LBF	76.21	315	eP	31	49.10	-0.3	PLRM	1.75	44	iPc	24	30.06	-1.4		
	1.0s	9.00nm				4.6mb	MCNL	1.79	230	iPc	24	30.38	-1.5		
LOR	76.21	315	eP	31	49.70	0.3	SYI	1.80	192	iPd	24	31.40	-0.7		
	0.9s	4.60nm				4.4mb	KNK	1.90	55	iPc	24	32.20	-1.3		
BUL	76.24	242	iPc	31	49.90	-0.2									
SMF	76.38	315	eP	31	50.10	-0.2	GHO	1.95	43	iPc	24	32.84	-1.4		
	0.7s	5.75nm				4.6mb									
SSF	76.50	315	eP	31	51.00	0.0	KNIM	1.97	89	iPc	24	31.89	-2.6		
	1.2s	12.50nm				4.7mb	MTU	2.06	99	iPc	24	33.91	-1.8		
AVF	76.67	315	eP	31	51.70	-0.2	SVW	2.07	293	P	24	33.50	-2.4		
	0.6s	4.70nm				4.5mb									
EKA	78.18	325	P	32	02.00	2.0	SML	2.18	47	iPc	24	35.90	-1.6		
	1.1s	4.90nm				4.3mb									
SLR	79.13	237	iPc	32	06.50	0.6	GLI	2.33	75	iPc	24	36.35	-3.1		
IMA	80.10	23	eP	32	11.19	0.8	HIN	2.58	87	eP	24	39.77	-3.3		
	1.0s	1.75nm				3.9mb	SCM	2.58	53	iPc	24	41.25	-1.9		
FBA	82.81	22	eP	32	24.60	0.2	FID	2.61	79	ePc	24	39.70	-3.7		
	0.5s	1.45nm				4.2mb									
BALM	87.07	24	eP	32	47.90	2.0	VZW	2.62	72	iPc	24	40.91	-2.7		
							VLZ	2.74	71	ePc	24	42.56	-2.7		

0.3s	11.40nm	5.4mb X	<GM-P>. MD 3.1 (GM). ML 3.0	LACI	2.16	350	ePn	22	22.40	2.2
ASPA	15.59 150 eS	15 28.90	(PAS).	PHP	2.19	5	iSn	22	55.00	
0.9s	5.30nm	13 47.50 -0.6					ePn	22	21.00	0.4
WARB	15.90 176 eS	16 35.90	PHAM 0.11 146 iPd	17 00.47	0.3		iSn	22	52.00	
		13 52.00 -0.1	PKEM 0.32 65 eP	17 05.79	1.7	GRG	2.23	49	ePn	22 21.92 0.7
		16 40.00	BCH 0.80 157 ePd	17 12.66	-0.4			eSn	22	51.76
S.D. = 1.1	on	6 of 7 obs.		17 23.41		THE	2.41	61	ePn	22 25.24 1.5
OCT 04, 1992	16h 23m	22.88±0.96s	ABL 1.48 136 eP	17 22.79	-1.5			eSn	22	54.56
6.230 S ± 9.5km	147.760 E ± 9.8km		ARN 1.66 329 eP	17 25.60	-1.0	VAY	2.57	44	iPn	22 26.40 0.4
DEPTH = 59.5 ± 6.7 km			CMB 2.11 2 eP	17 33.38	0.3	KKS	2.57	4	ePn	22 31.00 4.9X
5.0mb (5 obs.)			MEMM 2.13 35 eP	17 34.31	1.0			iSn	23	08.00
EASTERN NEW GUINEA REG., P.N.G. (207)				18 00.95		SDA	2.60	349	ePn	22 28.90 2.5
FINC 0.40 166 iPd	23 32.60	-1.2	BONR 2.67 40 eP	17 43.22	1.8	SKO	2.64	21	iPn	22 30.60 3.5X
YYYY 1.78 270 eP	23 55.90	4.0X	SSK 2.85 126 eP	17 43.13	-0.7			i	22	32.80
	24 21.80		GSC 3.05 101 (P)	17 46.31	-0.3			iSn	23	01.00
MDG 2.20 296 iPc	23 58.00	0.4	TNP 3.38 49 (Pn)	17 54.09	2.7			iSg	23	10.00
PMG 3.21 191 iPd	24 13.00	1.0	TPNV 3.56 72 eP	17 53.68	-0.2	BRT	2.66	302	P	22 29.00 1.6
	24 55.00		ORV 3.71 348 (P)	18 02.22	6.3	SOH	2.76	61	ePn	22 29.32 0.5
MNDI 4.08 271 eP	24 28.20	3.8X				TDS	2.98	274	P	22 33.00 1.2
	25 28.60		13 obs. associated			SRS	3.06	57	ePn	22 33.00 0.0
WWKK 4.87 302 eP	24 36.10	0.7	* OCT 04, 1992 18h 19m	23.46±1.68s				eS	23	10.84
QIS 16.29 208 iPd	27 10.20	0.9	7.742 S ±20.5km	128.574 E ±10.2km		KKB	3.23	42	iPc	22 36.00 0.6
WB2 18.85 222 iPc	27 39.70	-1.3	DEPTH = 173.9 ± 13.6 km			MMB	3.41	51	eP	22 41.00 3.0X
0.3s	64.50nm	5.3mb	4.6mb (3 obs.)			VLI	3.53	141	ePn	22 41.00 1.4
RMO 20.17 177 eP	27 55.50	0.4	BANDA SEA (280)			SOI	3.53	247	P	22 39.00 -0.6
0.2s	6.00nm	4.6mb				VTG	3.84	36	iPc	22 45.00 0.8
QLP 20.52 189 iPd	27 59.20	0.5	SLKI 2.71 95 iPc	20 08.50	-0.2	SGD	3.89	287	P	22 46.70 2.0
BRS 21.58 168 iPd	28 09.90	0.4	KUG 5.46 244 iPd	20 44.50	0.4	PGB	4.28	43	eP	22 51.00 0.6
	52 34.50			21 44.50		KDZ	4.52	60	eP	22 57.00 3.2X
ASPA 21.87 216 iPd	28 13.00	0.6		23 24.00		HVAR	4.62	324	iPn	22 53.40 -1.8
0.3s	63.00nm	5.5mb	MTN 5.66 154 eP	20 47.30	0.6	MEU	4.78	242	P	22 56.20 -1.3
	32 14.90		0.3s	89.00nm	5.5mb X	PVL	5.36	45	eP	23 03.00 -2.6
DZM 23.96 133 iPc	28 32.90	0.0		eS		AQU	5.87	301	P	23 12.00 -0.9
CMS 25.19 184 eP	28 45.20	0.7	KNA 7.96 179 eP	21 17.00	-0.3	ASS	6.69	305	P	23 25.40 0.9
0.8s	6.00nm	4.1mb		eS		ARV	6.74	309	P	23 24.10 -1.1
BWA 28.06 179 e(P)	29 13.70	2.9X	WB2 13.36 156 eP	22 25.60	-1.9	VBY	7.01	339	ePn	23 27.60 -1.3
WARB 28.28 223 iPd	29 13.30	0.5	0.6s	9.60nm	4.4mb			eSn	24	49.50
CAN 28.97 178 eP	29 18.80	-0.2		i		PTJ	7.11	335	iP	23 28.00 -2.3
MBL 30.84 239 eP	29 35.10	-0.6		eS		MLR	7.34	34	eP	23 20.00 -13.6X
MEEK 34.39 231 eP	30 06.30	-0.2	MBL 15.79 211 eP	22 57.00	-0.8	CRE	7.42	306	P	23 34.80 0.1
COOL 34.99 222 eP	30 10.70	-1.0		eS		CEY	7.54	328	ePn	23 35.00 -1.2
MRWA 37.70 229 eP	30 34.30	-0.2	QIS 16.62 141 eP	23 08.50	0.5			eSn	25	00.00
KLB 37.73 224 eP	30 34.20	-0.5		eS		SFI	7.64	308	P	23 38.60 1.0
0.3s	7.00nm	5.1mb	ASPA 16.64 163 iPc	23 09.70	1.5	TRI	7.80	325	eP	23 38.30 -1.5
BAL 37.91 226 eP	30 36.00	-0.3	0.6s	60.90nm	5.2mb	VRI	7.98	35	eP	23 28.00 -14.4X
S.D. = 0.8	on	20 of 23 obs.		eS		VOY	8.00	327	ePn	23 41.00 -1.7
* OCT 04, 1992 16h 40m	55.49±2.47s		WARB 18.43 185 eP	23 29.50	1.1			eSn	25	10.90
21.229 S ±13.8km	67.758 W ±17.5km		CTA 21.07 127 e(P)	23 47.00	-8.2X	HFS	21.05	351	eP	26 26.80 -3.1X
DEPTH = 271.6 ± 56.5 km			COOL 24.05 196 eP	24 22.00	-2.0	0.5s	1.40nm			3.6mb
CHILE-BOLIVIA BORDER REGION (124)			MRWA 24.43 207 eP	24 28.00	0.5	Z	16s	38.00um		5.9MszX
ANT 3.48 224 eP	41 55.00	0.1	0.4s	5.00nm	4.4mb			LR	31	32.00
	42 33.20			eS		EKA	22.20	323	P	26 41.00 -0.5
CCH 4.12 22 P	42 01.00	-1.5	BAL 25.32 204 eP	24 36.00	0.2	0.6s	2.90nm			3.9mb
CNCB 4.40 357 iPc	42 06.80	0.8	KLB 25.78 202 eP	24 40.50	0.5	NB2	22.27	348	P	26 40.20 -2.0
LPB 4.68 356 iPc	42 10.00	0.8	MUN 26.72 204 eP	24 48.50	-0.1	0.7s	3.10nm			3.9mb
1.0s	340.00nm		CNCB 150.62 146 PKP	38 59.00	7.0X	S.D. = 1.5	on	41 of 49 obs.		
ZOBO 4.93 356 iPc	42 12.80	0.5	LPB 150.78 146 (PKP)	38 59.00	6.9X	* OCT 04, 1992 20h 01m	43.04±2.41s			
ARE 5.91 323 eP	42 23.00	-1.0	ZOBO 150.96 145 ePKP	38 58.00	5.4X	37.719 N ±14.3km	20.184 E ±19.9km			
	43 27.00		S.D. = 1.2	on	14 of 18 obs.	DEPTH = 10.0km	(geophysicist)			
SIV 8.20 52 iPc	42 52.40	0.2	OCT 04, 1992 19h 21m	43.59±0.56s		IONIAN SEA (399)				
S.D. = 1.2	on	7 of 7 obs.	39.504 N ± 6.0km	20.185 E ± 4.5km		MD 3.2 (ATH).				
* OCT 04, 1992 17h 31m	50.15±2.04s		DEPTH = 9.4 ± 3.6 km			VLS	0.56	35	ePb	01 54.00 -0.4
20.312 S ±15.4km	69.674 W ±18.3km		3.8mb (3 obs.)			KEK	2.01	352	ePn	02 17.50 0.1
DEPTH = 120.0km	(geophysicist)		GREECE-ALBANIA BORDER REGION (392)			AGG	2.13	52	eP	02 20.00 0.8
NORTHERN CHILE (123)			ML 3.7 (TIR). MD 3.6 (ATH). 3.5 (THE).			VLI	2.41	114	ePn	02 23.00 -0.2
CNCB 3.84 25 iPc	32 48.00	-0.9	IGT 0.12 76 iPgc	21 44.42	-2.1	LIT	2.98	36	eP	02 31.00 -0.2
LPB 4.05 22 P	32 51.90	0.3		eSg		S.D. = 0.7	on	5 of 5 obs.		
1.0s	120.00nm		KEK 0.36 305 ePb	21 52.60	1.5	* OCT 04, 1992 20h 37m	45.76±1.11s			
ARE 4.20 335 eP	32 54.00	0.4	TPE 0.80 350 iPgc	21 57.00	-2.2	24.036 N ± 6.5km	122.010 E ±16.2km			
	33 36.40			iSg		DEPTH = 44.6 ± 12.8 km				
ZOBO 4.26 20 P	32 54.10	-0.7	VLO 1.10 331 ePn	22 10.00		3.9mb (3 obs.)				
YJA 4.31 116 e(P)	32 55.00	-0.2		iSn		TAIWAN REGION (243)				
CCH 4.44 50 eP	32 58.00	1.2	BERA 1.21 351 ePn	22 07.60	1.4	TWC	0.59	346	iPc	37 57.60 -0.3
SIV 9.24 64 P	33 55.60	-6.3X		iSn				eS	38	07.30
S.D. = 1.0	on	6 of 7 obs.	VLS 1.36 166 ePb	22 08.80	0.1	TWF1	0.94	224	ePd	38 02.10 -0.7
& OCT 04, 1992 18h 16m	57.34s		KZN 1.46 56 ePb	22 09.00	-1.1	TWO	1.10	283	ePd	38 05.90 0.9X
35.926 N	120.473 W		FNA 1.57 35 ePb	22 12.40	0.7	TWZ	1.13	340	ePd	38 06.50 1.1
DEPTH = 10.1km			AGG 1.73 105 ePb	22 13.68	-0.3	TWG	1.48	216	ePc	38 10.70 0.3
CENTRAL CALIFORNIA (39)				eSb		OZH	3.24	287	ePn	38 35.60 0.2
			TIR 1.86 353 ePn	22 18.00	2.2	SSE	7.07	354	P	39 28.50 -0.8
				iSn		Z	16s	0.90um		
			LIT 1.87 71 iPbd	22 16.16	0.1	NJ2	8.46	341	Pc	39 44.60 -3.9X
				eSb				S	41	23.00
				22 41.84						

[illegible]

04d 21h

	1.0s	10.00nm	4.5mb
TTA	32.49	42 eP	05 38.00 -1.6
SVW	0.9s	4.27nm	4.2mb
IMA	32.60	46 eP	05 18.50 2.2
	33.78	37 eP	05 25.90 -0.7
	0.6s	17.20nm	5.0mb
XAN	34.80	263 P	05 35.50 -0.1
	0.6s	11.00nm	4.9mb
FBA	36.17	39 iPc	05 45.92 -0.8
	0.7s	10.65nm	4.8mb
		e	06 12.90
TOA	37.06	43 eP	05 54.70 0.4
LZH	37.10	270 eP	05 54.50 -0.6
	1.5s	27.00nm	4.9mb
NR1	37.65	329 iPc	05 56.80 -2.2
	0.7s	23.00nm	5.1mb
		e	06 21.00
GTA	38.11	278 eP	06 04.00 0.5
	1.2s	10.00nm	4.5mb
CD2	40.17	264 eP	06 20.40 0.0
	0.7s	38.00nm	5.3mb
ELT	41.04	303 eP	06 27.00 -0.3
LSA	49.47	272 iPc	07 36.40 1.3
	0.6s	13.00nm	5.0mb
ARU	54.04	317 eP	08 06.00 -2.3
GUN	54.18	274 P	08 09.86 -0.3
	0.4s	45.00nm	5.7mb
KKN	54.66	274 P	08 13.46 -0.1
PK1	54.72	274 P	08 13.88 -0.2
	0.4s	25.00nm	5.5mb
DMN	54.90	274 P	08 15.56 0.2
	0.5s	73.00nm	5.9mb
GKN	54.96	275 P	08 15.48 -0.2
	0.5s	78.00nm	5.9mb X
KAF	62.56	335 eP	09 05.50 -2.0
	0.3s	3.40nm	4.8mb
NUR	64.33	334 iP	09 17.00 -2.0
	0.5s	9.50nm	5.0mb
UPP	66.85	337 iP	09 33.60 -1.5
RSSD	67.02	49 (P)	09 38.00 1.2
	0.8s	2.40nm	4.1mb
CTA	67.33	186 P	09 38.59 0.0
NB2	67.40	341 P	09 37.30 -1.4
	0.5s	10.50nm	5.0mb
HFS	67.61	339 eP	09 38.20 -1.8
	0.4s	18.50nm	5.3mb
WRA	68.84	198 P	09 46.00 -2.0
	0.7s	1.90nm	4.0mb
BKR	71.02	311 iPc	10 01.00 -0.3
	0.8s	20.00nm	5.0mb
AKH	71.29	311 eP	10 03.00 0.1
ASPA	72.55	197 eP	10 08.00 -2.2
	0.8s	12.20nm	4.7mb
KSP	75.01	333 iP	10 23.60 -0.6
SPC	75.14	330 eP	10 25.70 0.5
VR1	75.50	324 eP	10 12.50 -14.6X
EKA	75.56	346 Pc	10 24.60 -2.7
	0.6s	8.10nm	4.7mb
CLL	75.59	335 iPc	10 26.50 -1.0
	0.8s	28.00nm	5.1mb
BRG	75.70	334 iP	10 27.70 -0.4
MLR	76.12	324 ePd	10 15.00 -15.7X
GCD	76.14	346 eP	10 30.40 -0.1
PRU	76.30	333 P	10 31.40 -0.1
	0.8s	8.70nm	4.6mb
PSZ	76.34	329 eP	10 31.90 0.0
XDE	76.41	346 eP	10 29.70 -2.3
	1.2s	15.00nm	4.7mb
WTS	76.63	339 eP	10 33.00 -0.2
	0.6s	41.00nm	5.4mb
LMI	76.65	345 eP	10 33.20 -0.2
HOF	76.80	335 iPd	10 34.30 0.0
SRO	76.98	330 iP	10 35.80 0.6
ZST	77.05	331 eP	10 36.20 0.5
		e	16 25.20
KHC	77.35	333 iPc	10 37.10 -0.3
	0.8s	8.80nm	4.6mb
		e	11 37.50
GRF	77.55	335 iPc	10 38.90 0.5
	0.8s	35.00nm	5.2mb
WET	77.55	334 iPc	10 38.80 0.4
	0.8s	20.00nm	5.0mb
ENN	77.98	339 eP	10 40.50 -0.2
	0.6s	27.00nm	5.2mb
FUR	78.90	334 eP	10 45.80 -0.1
KBA	79.25	333 iPc	10 48.40 0.5

WTTA	0.5s	28.00nm	5.3mb
	79.61	334 iPc	10 50.20 0.3
	0.5s	45.00nm	5.5mb
SQTA	79.77	334 iPc	10 50.80 0.1
	0.7s	17.00nm	4.9mb
		i	10 59.70
CDF	79.80	337 eP	10 50.80 0.0
	0.9s	26.85nm	5.0mb
SLE	80.06	336 iPd	10 52.10 0.0
OGA	80.14	334 iPd	10 53.50 0.7
HAU	80.42	337 eP	10 53.80 -0.2
	0.9s	17.05nm	4.8mb
BSF	80.46	337 eP	10 54.00 -0.3
	0.9s	12.30nm	4.7mb
OSS	80.57	334 ePd	10 55.60 0.6
LLS	80.73	335 ePd	10 56.40 0.5
SKO	80.85	325 iP	10 56.50 0.2
VDL	80.95	335 iPd	10 57.80 0.8
VAY	80.95	324 iP	10 56.80 0.0
LDF	81.40	342 eP	10 59.20 0.1
	0.9s	16.05nm	4.8mb
HRI	81.46	311 eP	11 00.40 0.7
TMA	81.46	335 iPd	10 59.80 0.1
LOR	81.73	339 eP	11 01.00 0.2
	0.6s	13.90nm	4.9mb
GRR	81.75	342 eP	11 01.50 0.6
	0.7s	14.75nm	4.9mb
MMK	81.77	336 ePd	11 02.30 0.9
DIX	81.90	336 ePd	11 03.10 1.0
LBF	81.97	339 eP	11 02.20 0.1
	0.4s	3.50nm	4.5mb
SSF	82.01	339 eP	11 02.60 0.3
	0.7s	8.05nm	4.6mb
EMS	82.04	336 ePd	11 03.40 0.7
LPF	82.13	342 eP	11 03.60 0.8
	0.9s	25.90nm	5.0mb
AVF	82.30	339 eP	11 04.30 0.5
	0.6s	10.55nm	4.8mb
SMF	82.32	338 eP	11 04.40 0.5
	0.9s	31.30nm	5.1mb
LPL	82.61	336 eP	11 06.60 0.9
	0.7s	11.90nm	4.9mb
LPG	82.62	336 eP	11 06.70 0.9
	0.8s	16.10nm	4.9mb
BGF	82.64	339 eP	11 06.60 1.0
	0.4s	4.20nm	4.6mb
DSI	82.98	310 eP	11 08.20 0.7
MAF	83.03	339 eP	11 08.70 1.1
	0.7s	30.30nm	5.3mb
TCF	83.05	339 eP	11 08.00 0.3
	0.5s	2.60nm	4.4mb
LSF	83.25	340 eP	11 09.70 1.0
	0.8s	22.30nm	5.1mb
MFF	83.30	341 eP	11 09.80 0.9
	0.7s	18.65nm	5.1mb
RJF	84.14	340 eP	11 14.40 1.2
	0.9s	10.95nm	4.7mb
CAF	84.37	339 eP	11 15.80 1.4
	0.7s	13.80nm	5.0mb
LRG	84.61	336 eP	11 16.10 0.6
	0.6s	9.55nm	4.9mb
MBH	84.66	309 eP	11 16.80 0.6
LFF	84.67	340 eP	11 17.20 1.4
	0.5s	10.55nm	5.0mb
LPO	84.80	340 eP	11 17.80 1.3
	0.5s	9.55nm	4.9mb

S.D. = 1.1 on 97 of 101 obs.

* OCT 04, 1992 21h 18m 58.39±0.86s
 24.376 N ±15.2km 94.353 E ± 8.2km
 DEPTH = 60.0 ± 15.0 km
 4.4mb (2 obs.)
 MYANMAR-INDIA BORDER REGION (294)

CHG	6.99	141 ePn	20 40.50 0.0
		eSg	22 36.50
KMI	7.66	83 Pd	20 50.00 0.0
	1.0s	30.00nm	5.0mb X
BDT	8.32	148 eP	21 20.00 21.1X
GUN	8.39	297 P	21 00.28 0.1
PKI	8.65	293 P	21 03.94 0.1
KKN	8.84	295 P	21 06.14 -0.1
DMN	8.92	293 P	21 07.32 -0.1
GKN	9.44	295 P	21 14.34 -0.1
HYB	16.30	248 eP	23 09.50 24.6X
WRA	58.79	135 P	28 53.50 0.5
	0.6s	0.70nm	4.0mb

WB2	58.80	135 eP	28 52.50 -0.5
	0.6s	4.30nm	4.8mb
	S.D. = 0.4	on 9 of 11 obs.	

? OCT 04, 1992 22h 20m 46.10± 4.89s
 32.637 S ±27.7km 71.799 W ±26.7km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.5 (SAN).

ROCH	0.74	117 iPd	21 01.06 0.2
		iS	21 11.14
LCCM	0.86	167 iP+	21 02.28 -0.3
		iS	21 14.24
JACH	1.02	93 iP	21 05.23 -0.2
		iS	21 18.92
PEL	1.06	119 iP+	21 06.30 0.1
		iS	21 20.51
TACH	1.24	145 iP	21 08.86 -0.4
		(S)	21 23.63
LNV	1.35	166 eP	21 10.96 0.0
		iS	21 27.92
FCH	1.44	119 iPd	21 12.27 -0.3
		iS	21 30.71
PCH	1.46	133 eP	21 12.32 -0.2
		(S)	21 32.73
CHCH	1.61	144 eP	21 14.11 -0.6
		iS	21 35.28
CACH	1.78	146 iP	21 19.03 1.7
		(S)	21 43.06

S.D. = 0.7 on 10 of 10 obs.

* OCT 04, 1992 22h 28m 40.40s
 34.962 N 116.933 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.3 (PAS), 3.0 (GS).

GSC	0.35	17 iPc	28 47.53 0.0
SSK	0.98	220 iPd	28 58.69 -1.3
		eS	29 11.67
PEC	1.08	190 ePn	29 00.66 -1.1
		eS	29 15.01
ISA	1.44	299 ePn	29 05.83 -2.0
PLM	1.61	178 ePn	29 08.47 -1.8
		eS	29 31.45
ABL	1.88	267 ePn	29 13.18 -1.2
		eS	29 39.57
TPNV	2.06	15 ePn	29 13.89 -2.9
		ePg	29 18.76
		eS	29 46.90
GLA	2.59	137 ePn	29 24.02 -0.3
		ePg	29 28.18
		eS	30 02.63
BCH	2.59	276 ePn	29 22.78 -1.7
PKEM	2.81	294 (P)	29 25.83 -1.7
PHAM	2.96	288 ePn	29 26.81 -2.8
TNP	3.12	356 ePn	29 30.32 -1.7
MEMM	3.15	330 (Pn)	29 31.56 -0.6
		ePg	29 39.31
BONR	3.18	340 ePn	29 32.03 -0.9
ARUT	3.99	44 ePn	29 42.86 -1.4
CMB	4.14	319 (P)	29 45.43 -0.9
		S	30 45.23
MSU	5.21	46 ePn	30 00.17 -1.6
		ePg	30 15.89

17 obs. associated

* OCT 04, 1992 23h 01m 09.12± 0.70s
 45.739 N ±10.3km 85.204 E ± 8.2km
 DEPTH = 33.0km (normol)
 4.6mb (6 obs.)
 NORTHERN XINJIANG, CHINA (332)

SEM	5.73	326 (Pn)	02 34.50 0.4
		e	02 51.20
PRZ	5.88	239 iPn	02 37.00 0.6
TLG	6.11	249 ePn	02 40.00 0.4
		e	03 03.00
		e	04 20.00
AAA	6.40	250 iPn	02 43.20 -0.4
		e	03 04.30
FRU	8.13	253 (P)	03 06.80 -1.0
		eS	04 41.20
MOY	11.99	55 eP	04 11.00 10.5X
ZAK	12.95	62 eP	04 13.50 0.2
	1.5s	7.00nm	4.5mb

04d 23h

LZH 17.04 118 eS 06 27.00
 Z 12s eP 05 17.50 11.0X
 SVE 18.83 315 ePd 05 28.00 -0.3
 ARU 19.70 312 eP 05 41.00 2.7X
 ASH 21.40 258 eP 05 55.40 -0.5
 BOD 21.44 45 eP 05 53.80 -2.4
 0.6s 20.00nm 4.7mb
 NRI 23.77 3 iPc 06 20.80 1.8
 1.3s 23.00nm 4.5mb

HFS 43.19 316 eP 09 08.30 0.2
 0.4s 0.70nm 3.8mb
 MBC 57.27 7 eP 10 55.00 -0.2
 0.5s 3.00nm 4.6mb
 WB2 79.11 134 iPc 13 13.00 1.2
 0.5s 3.40nm 4.6mb
 S.D. = 1.1 on 13 of 16 obs.

? OCT 05, 1992 00h 12m 05.56±6.33s
 33.834 S ±19.8km 72.853 W ±47.6km
 DEPTH = 10.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 3.8 (SAN).

LCCH 1.13 72 iP+ 12 27.02 0.3
 iS 12 44.25
 LNV 1.21 96 iP+ 12 27.92 -0.1
 iS 12 45.57
 TACH 1.61 84 iP+ 12 33.61 -0.5
 iS 12 56.29
 ROCH 1.76 61 iPd 12 36.69 0.1
 eS 13 01.30
 CHCH 1.83 94 iPd 12 37.48 0.1
 iS 13 02.99
 CACH 1.89 99 iPd 12 38.95 0.6
 iS 13 05.61
 PEL 1.94 70 iPd 12 39.84 0.9
 iS 13 05.92
 PCH 1.96 84 iPd 12 39.16 -0.1
 iS 13 06.04
 FCH 2.20 77 iP 12 42.92 0.0
 iS 13 12.84
 MDZ 3.48 75 eP 12 59.60 -1.3
 S.D. = 0.7 on 10 of 10 obs.

? OCT 05, 1992 00h 39m 53.97±5.59s
 15.383 N ±49.4km 98.382 W ±12.2km
 DEPTH = 33.0km (normal)
 OFF COAST OF GUERRERO, MEXICO (65)

ACX 2.05 316 iP 40 26.55 -0.3
 iS 40 55.29
 OXX 2.32 43 iP 40 31.20 0.3
 iS 41 03.73
 IIT 3.62 1 iP 40 49.00 -0.3
 iS 41 38.50
 PPM 3.67 356 (P) 40 56.99 6.7X
 IISM 3.71 15 iP 40 49.45 -0.9
 iS 41 40.00
 IIA 3.75 356 eP 40 53.02 2.1X
 (S) 41 42.34
 UNM 4.00 349 iP 40 56.00 1.2
 (S) 41 38.00
 TAC 4.07 349 (P) 41 06.00 10.2X
 MRX 5.06 328 (P) 41 09.50 -0.1
 (S) 42 17.00
 SCX 5.69 76 (P) 41 28.00 9.6X
 CGX 6.48 312 (P) 41 33.00 3.3X
 AGX 7.45 331 (P) 41 51.00 7.9X
 S.D. = 0.9 on 6 of 12 obs.

% OCT 05, 1992 00h 52m 09.21±0.70s
 32.985 S ±9.8km 70.599 W ±12.1km
 DEPTH = 90.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)

PEL 0.17 205 iP 52 22.40 -0.1
 iS 52 32.64
 JACH 0.30 1 iPd 52 23.06 0.1
 iS 52 33.94
 ROCH 0.35 272 iP+ 52 23.35 0.0
 iS 52 34.87
 FCH 0.43 143 iP+ 52 23.95 -0.1
 iS 52 35.77
 PCH 0.64 174 iP+ 52 25.40 -0.1

TACH 0.72 203 iS 52 38.02
 iP 52 26.14 -0.1
 iS 52 39.64
 CHCH 0.95 183 iP 52 29.02 0.4
 iS 52 44.00
 LCCH 0.95 239 iPd 52 28.80 0.2
 iS 52 43.98
 LNV 1.18 215 iP 52 31.02 -0.3
 iS 52 47.73
 S.D. = 0.2 on 9 of 9 obs.

& OCT 05, 1992 01h 13m 05.67s
 59.789 N 153.374 W
 DEPTH = 120.2km
 SOUTHERN ALASKA (2)
 <AEIC>.

OPT 0.15 152 iPc 13 21.67 0.8
 eS 13 34.02
 INW 0.30 23 eP 13 22.07 0.6
 eS 13 35.47
 INE 0.31 30 eP 13 22.29 0.7
 eS 13 35.66
 AUL 0.41 184 iPc 13 22.67 -0.7
 PD8 0.41 270 iPd 13 22.45 -0.9
 eS 13 35.34
 AUV 0.42 187 ePc 13 22.68 -0.7
 AUH 0.43 185 ePc 13 22.80 -0.8
 AUP 0.43 183 ePc 13 22.82 -0.8
 AUE 0.43 180 iPc 13 22.63 -0.8
 AUI 0.46 183 ePc 13 22.73 -0.9
 eS 13 36.18
 RED 0.70 25 iPd 13 24.51 -0.9
 eS 13 39.27
 RS1 0.74 24 ePd 13 25.12 -0.8
 eS 13 40.08
 RS2 0.74 24 ePd 13 25.08 -0.8
 RSO 0.74 24 ePd 13 25.04 -0.9
 eS 13 40.26
 RDW 0.75 22 iPd 13 25.07 -0.9
 REF 0.78 25 iPd 13 25.31 -0.9
 eS 13 40.55
 MCNL 0.78 219 iPc 13 24.94 -1.0
 NCT 0.81 16 iPd 13 25.51 -0.8
 CDD 0.87 189 iPc 13 25.74 -1.1
 DFR 0.88 23 iPd 13 26.10 -0.8
 HOM 0.89 98 eP 13 26.07 -0.8
 eS 13 42.28
 XLV 0.90 111 eP 13 26.00 -1.1
 eS 13 41.77
 RDT 0.92 31 iPd 13 26.44 -0.9
 SYI 1.29 156 ePc 13 29.61 -1.4
 eS 13 49.19
 BKG 1.40 23 ePd 13 31.69 -0.7
 CKL 1.50 20 eP 13 32.90 -0.7
 BGL 1.56 18 eP 13 33.80 -0.5
 SVV 1.73 321 ePd 13 35.09 -1.2
 SLKM 1.73 64 ePc 13 35.33 -1.0
 SEW 2.00 79 eP 13 38.15 -1.4
 SUA 2.12 37 eP 13 40.61 -0.7
 MPA 2.13 69 eP 13 39.82 -1.4
 SKT 2.38 22 eP 13 43.57 -0.9
 PMS 2.39 51 ePc 13 43.36 -1.2
 PTE 2.42 62 eP 13 42.77 -2.1
 PWA 2.54 41 eP 13 46.48 0.0
 PLRM 2.76 47 eP 13 47.85 -1.6
 LTI 2.79 82 eP 13 48.65 -1.2
 KNIM 2.88 76 eP 13 48.52 -2.5
 MTU 2.89 84 eP 13 49.45 -1.7
 KNK 2.92 54 eP 13 49.19 -2.4
 GHO 2.95 46 eP 13 50.18 -1.9
 SML 3.19 48 eP 13 53.09 -2.2

43 obs. associated
 OCT 05, 1992 01h 51m 47.91±0.26s
 15.357 N ±6.4km 46.011 W ±3.7km
 DEPTH = 10.0km (geophysicist)
 5.0mb (43 obs.) 4.8Msz (24 obs.)
 NORTHERN MID-ATLANTIC RIDGE (403)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 15S, 19C
 Centroid Location:
 Origin Time 01:51:53.6 0.6
 Lat 15.28N 0.07 Lon 45.73W 0.05
 Dep 15.0 FIX Half-duration 1.3
 Moment Tensor; Scale 10**16 Nm

Mrr=-0.02 0.41 Mtt=-1.04 0.88
 Mff= 1.05 0.74 Mrt= 0.00 0.00
 Mrf= 0.00 0.00 Mtf=-8.70 0.40
 Principal Axes:
 T Val= 8.78 Plg= 0 Azm=228
 N -0.02 90 180
 P -8.76 0 138
 Best Double Couple: Mo=8.8*10**16
 NP1: Strike=273 Dip=90 Slip=-180
 NP2: 3 90 0

SLB 14.63 266 eP 55 16.26 -0.7
 SOA 14.80 264 eP 55 19.69 0.6
 SVV 14.87 264 eP 55 20.09 0.0
 SVB 14.92 264 eP 55 20.79 0.1
 TBH 15.45 254 eP 55 28.43 0.8
 GRW 15.53 260 eP 55 27.36 -1.4
 TRN 15.71 255 eP 55 29.75 -1.2
 TPP 15.86 253 eP 55 30.88 -2.1
 TCE 16.02 255 eP 55 32.83 -2.2
 CAR 20.94 259 iPd 56 40.00 6.4X
 TOV 23.85 259 eP 57 05.50 3.1X
 PDCR 28.54 166 eP 57 54.60 8.6X
 BAO 30.86 184 e(P) 58 08.00 1.2
 e 58 09.00
 e 58 13.00
 e 58 23.00
 e 00 51.00
 e 01 11.60
 e 02 50.00
 BDF 30.88 184 e(P) 58 10.00 3.0X
 e 58 13.00
 e 58 19.00
 e 58 25.00
 e 58 31.00
 e 58 37.00
 e 58 56.00
 e 00 17.00
 e 00 21.00
 SIV 34.52 206 P 58 39.40 0.8
 HRV 34.83 326 P 58 50.00 8.9X
 Z 22s 1.23um 4.6Msz
 CEH 35.90 311 P 59 00.00 9.7X
 Z 20s 1.29um 4.7Msz
 RSNY 37.81 326 P 59 10.00 3.8X
 Z 22s 1.10um 4.6Msz
 CCH 38.11 212 eP 59 07.00 -2.3
 MCWV 38.19 316 P 59 20.00 10.5X
 Z 20s 1.23um 4.7Msz
 ZOBO 38.28 216 iPc 59 11.70 0.5
 1.2s 30.74nm 4.9mb
 S 05 08.00
 LR 10 20.00
 LPB 38.46 215 P 59 14.20 1.8
 Z 20s 2.13um 5.0Msz
 S 05 14.00
 LR 10 10.00
 CNCB 38.62 215 P 59 15.00 1.1
 ARE 40.40 220 eP 59 25.00 -3.4X
 NNA 40.86 230 eP 59 44.50 12.6X
 1.0s 13.00nm
 Z 20s 1.42um 4.8Msz
 TIC 41.09 98 P 59 33.04 -0.8
 EVAL 41.13 50 iPd 59 35.00 1.2
 LIC 41.20 98 P 59 34.46 -0.3
 KIC 41.44 98 P 59 36.50 -0.2
 EEO 41.60 326 eP 59 51.50 13.9X
 EJIF 41.69 52 eP 59 40.00 1.6
 EPRU 42.04 51 eP 59 42.20 0.8
 EHOR 42.32 50 eP 59 44.70 1.1
 EPLA 42.57 47 iPd 59 46.20 0.5
 ELUO 42.96 51 eP 59 50.00 1.0
 ECOG 43.40 52 eP 59 53.20 0.6
 ENIJ 44.34 52 eP 00 00.00 -0.1
 FVM 45.10 309 P 00 10.00 3.8X
 Z 20s 2.14um 5.1Msz
 SLM 45.16 310 P 00 10.00 3.3X
 Z 21s 1.11um 4.8Msz
 JFWS 46.66 315 eP 00 16.45 -2.0
 1.4s 47.69nm 5.4mb
 MIAR 46.69 303 P 00 30.00 11.2X
 Z 21s 0.98um 4.7Msz
 UYO 47.33 302 iPd 00 26.10 2.2
 EPF 48.15 45 eP 00 29.10 -1.1
 TUL 48.75 304 eP 00 43.80 8.9X
 0.8s 13.20nm 5.0mb
 Z 18s 0.63um 4.6Msz

05d 02h

					S	07 50.00	KSP	60.80	40 ePc	02 01.80	-0.7	Z	16s	0.20um	4.6MsZx	
					LR	14 01.00	ZST	60.82	43 eP	02 00.70	-1.9	N	16s	0.40um		
LFF	49.10	43 eP	00 37.50	0.1		EMUT	61.04	307 eP	02 04.98	0.4	E	16s	0.50um			
					23.60nm	5.2mb	DAU	61.42	308 eP	02 06.54	-0.7	NRI	89.51	15 ePd	04 51.00 4.6X	
MFF	49.17	41 eP	00 38.00	0.0		SRO	61.56	44 eP	02 06.10	-1.6		1.5s	20.00nm		5.1mb	
					1112.75nm	6.6mb X	UZD	61.57	45 P	02 07.80	0.0	TIK	93.15	2 eP	05 06.00 2.9	
LPF	49.22	39 eP	00 38.30	0.0		HFS	61.87	29 eP	02 08.80	-0.8		1.0s	9.00nm		5.1mb	
					30.95nm	5.3mb						HON	103.98	297 Pd	06 10.00 17.0X	
CAF	49.97	44 eP	00 43.90	-0.3		Z	20s	354.00um	7.5MsZx		Z	20s	0.24um		4.7MsZ	
					38.40nm	5.2mb	MSU	62.03	306 eP	02 11.86	0.5	CVP	145.03	21 ePKP	11 30.50 2.6X	
LSF	50.10	42 eP	00 45.20	0.0		SES	62.43	319 eP	02 13.00	-0.5		1.0s	50.00nm			
					31.80nm	5.1mb		0.9s	41.00nm	5.6mb	DZM	148.59	253 iPKPc	11 39.90 6.1X		
TCF	50.55	42 eP	00 48.60	0.0		HHAI	62.47	311 (P)	02 12.79	-1.3	S.D. = 1.1 on 111 of 143 obs.					
					30.35nm	5.1mb	DUG	62.60	308 eP	02 15.37	0.4					
BGF	51.06	42 eP	00 52.30	-0.2			0.6s	1.74nm	4.4mb							
					15.40nm	4.9mb	PSZ	62.63	44 e(P)	02 14.60	-0.4					
AVF	51.47	42 eP	00 55.30	-0.2		HVU	62.65	309 eP	02 15.75	0.4						
					14.60nm	4.9mb	HBMT	62.86	314 eP	02 24.80	8.1X					
SSF	51.66	42 eP	00 56.40	-0.6		OJC	62.89	41 eP	02 17.00	0.5	CELEBES SEA (262)					
					38.95nm	5.1mb	ARUT	63.00	305 eP	02 18.07	0.4					
EKA	51.67	30 P	01 03.00	6.1X		DAG	63.02	7 ePc	02 18.00	1.1	BIP	3.47	21 ePc	05 09.00 -1.1		
					9.90nm	4.7mb		0.5s	13.38nm	5.4mb						
LBF	51.94	42 eP	00 58.60	-0.6		SPC	63.03	42 eP	02 18.60	0.9	CGP	3.48	355 eP	05 11.50 1.2		
					8.50nm	4.7mb	SKO	63.18	51 iP	02 17.00	-1.5	MNI	3.50	183 eP	05 09.60 -0.9	
LOR	51.96	41 eP	00 58.40	-0.9		VAY	63.99	51 eP	02 23.30	-0.6						
					19.05nm	4.9mb	GLA	64.17	300 (P)	02 26.23	0.9	MAP	5.42	349 eP	06 44.00 69.0X	
Z	18s	0.30um	4.4MsZ			UZH	64.31	43 ePc	02 26.00	0.1	PLP	6.16	360 ePc	05 45.50 0.8		
MDZ	52.70	204 eP	01 00.60	-4.5X		Z	16s	0.50um	4.8MsZx		MBL	26.45	191 eP	09 36.00 0.5		
ULM	53.06	322 eP	01 16.50	9.1X		E	16s	1.00um			ASPA	29.75	163 iPd	10 04.00 -1.1		
DOU	53.44	38 P	01 14.90	4.7X		GSC	65.73	302 eP	02 36.50	1.1						
					20.00nm	5.1mb	i	02 45.42			WARB	31.00	177 eP	10 16.50 0.5		
HAU	53.80	41 eP	01 11.90	-1.0		TNP	65.99	305 eP	02 37.44	0.3						
					17.35nm	4.9mb	0.8s	4.13nm	4.7mb		MRWA	35.07	194 eP	10 52.00 1.1		
Z	20s	0.28um	4.3MsZ			PEC	66.09	301 eP	02 39.76	2.1						
DIX	53.90	44 ePd	01 15.10	1.1		NEW	66.14	316 eP	02 37.40	-0.3						
BSF	54.02	42 eP	01 13.60	-1.1		DPW	66.84	316 eP	02 41.48	-0.8						
					20.50nm	5.0mb	e	02 46.60								
WLF	54.23	39 P	01 15.00	-0.9			0.8s	2.57nm	4.5mb							
					e	01 21.00	1.1s	43.21nm	5.6mb							
MMK	54.27	44 ePd	01 17.90	1.2		BONR	66.85	305 eP	02 44.29	1.5						
TMA	54.89	44 ePd	01 21.10	-0.1		ISA	67.08	303 P	03 00.00	16.0X	WESTERN MEDITERRANEAN SEA (387)					
ZLA	54.95	42 ePd	01 21.50	0.0		Z	20s	0.69um	4.9MsZ		ML 2.7 (LDG).					
OSS	55.89	44 ePd	01 28.40	0.0		NUR	67.25	30 eP	02 50.20	5.8X	LMR	1.08	328 Pn	05 33.50 0.0		
SFI	56.44	47 P	01 31.30	-0.9		MEMM	67.36	305 (P)	02 47.31	1.7						
RSSD	56.60	313 eP	01 33.23	-0.4			e	02 57.26			FRF	1.24	337 Pn	05 36.30 0.2		
					4.84nm	4.5mb	68.06	38 eP	02 49.00	-0.7						
Z	20s	0.62um	4.7MsZ			KAF	68.28	29 eP	02 50.90	0.0	LRG	1.24	327 Pn	05 36.10 -0.1		
CTI	56.75	45 P	01 33.90	-0.6		CMB	68.49	305 P	03 00.00	7.2X						
GOL	56.85	308 eP	01 33.86	-1.7		Z	18s	0.40um	4.7MsZ		PGF	1.26	84 Pn	05 36.70 0.0		
					5.41nm	4.6mb	69.83	21 eP	03 08.00	7.7X						
Z	20s	1.34um	5.0MsZ			PUL	69.98	32 eP	03 02.00	0.7	SBF	1.45	4 Pn	05 39.30 -0.1		
ALO	57.25	302 P	01 50.00	11.6X			e	03 07.00								
					1.22um	5.0MsZ	e	03 28.00								
AQU	57.28	49 P	01 40.30	2.0		WDC	70.02	308 P	03 10.00	8.0X						
GRF	57.37	40 ePc	01 38.30	-0.4		Z	20s	0.77um	4.9MsZ							
					0.30um	4.4MsZ	71.23	346 eP	03 11.00	2.2						
MOX	57.87	39 eP	01 42.00	-0.2		MBC	1.0s	7.00nm	4.7mb							
HOF	57.94	40 eP	01 42.30	-0.4		WIN	72.37	120 iPc	03 11.70	-5.0X						
					16.00nm	5.0mb	1.0s	16.00nm	5.1mb		ARE	2.51	65 eP	16 40.00 0.4		
LJU	58.72	45 e(P)	01 47.50	-0.7		OBN	73.34	37 eP	03 21.00	-0.5						
KHC	58.72	42 P	01 47.40	-0.8		Z	16s	0.70um	5.0MsZx		LPB	5.60	81 P	17 23.80 0.3		
					14.30nm	4.9mb	E	16s	0.40um		ZOBO	5.62	78 iPc	17 22.10 -1.9		
Z	18s	0.70um	4.8MsZ				e	03 44.00			CNCB	5.67	84 iPc	17 26.10 1.5		
N	18s	0.30um				MOS	73.89	36 eP	03 25.00	0.3	NNA	6.22	332 eP	17 32.00 0.0		
E	18s	0.50um					e	04 13.29								
					e	01 52.50	70.02	308 P	03 10.00	8.0X						
					e	02 20.40	Z	20s	0.77um	4.9MsZ						
GEC2	58.73	42 P	01 46.90	-1.5			e	03 47.00								
					1.39nm	4.1mb	71.23	346 eP	03 11.00	2.2						
CLL	58.89	39 iPc	01 48.60	-0.7		SOC	76.52	48 eP	03 41.00	0.9						
					26.00nm	5.2mb	78.84	47 eP	03 55.00	2.1	CCH	7.37	90 eP	17 48.00 -0.3		
VBY	59.12	46 eP	01 50.60	-0.4		PYA	Z	18s	0.50um	4.9MsZ	WRA	133.59	218 PKP	35 24.10 8.5X		
					e	02 09.60	81.14	335 eP	04 05.09	0.3						
BRG	59.36	40 eP	01 52.00	-0.6		FBA	0.7s	7.52nm	4.8mb		GBA	152.09	94 PKP	35 56.00 8.6X		
					22.00nm	5.0mb		e	04 13.29							
					e	02 09.50		e	04 13.72	0.7						
PRU	59.53	41 eP	01 53.00	-0.7		PMR	82.74	332 (P)	04 13.72	0.7						
					0.40um	4.6MsZ	Z	19s	0.66um	5.0MsZ						
					e	02 01.50	83.06	337 (P)	04 15.33	0.4						
					e	02 19.00	0.9s	3.44nm	4.5mb							
PV10	59.56	306 (P)	01 55.00	0.5		SLKM	83.60	331 eP	04 18.23	0.6						
BW06	60.36	311 eP	01 57.29	-2.6			e	04 26.25								
					10.27nm	4.8mb	84.20	332 eP	04 21.15	0.5						
VRAC	60.69	42 eP	02 01.00	-0.7		SPU	85.21	33 eP	04 29.00	3.3X						
SRU	60.77	306 eP	02 03.65	1.0		ARU	86.11	32 ePd	04 30.80	0.6						
TUC	60.78	299 eP	02 03.04	0.3		SVE	1.1s	40.00nm	5.5mb		FNO	1.15	176 Pg	44 28.80 -1.7		
					6.99nm	4.8mb					SIO	1.17	124 Pg	44 29.70 -1.2		

TUL 1.47 109 Pg 44 34.80 -0.9
Sg 44 54.70
VVO 1.79 126 Pn 44 39.40 -0.9
RLO 2.02 96 Pn 44 43.10 -0.6
Sn 45 11.30
UYO 3.34 131 Pn 45 00.50 -2.1
6 obs. associated

* OCT 05, 1992 05h 10m 40.53±1.15s
40.023 N ±10.0km 24.183 E ± 8.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 2.5 (THE).

OUR 0.35 334 ePgc 10 47.74 0.1
eSg 10 53.54
PAIG 0.40 256 ePg 10 48.50 -0.2
eSg 10 54.78
SOH 1.02 322 ePg 11 00.98 1.2
eSg 11 14.34
THE 1.11 304 ePg 11 02.46 1.1
eSg 11 17.46
SRS 1.18 338 ePb 11 02.38 -0.2
eSb 11 19.34
LIT 1.30 274 ePb 11 04.74 0.1
EZN 1.66 96 ePn 11 10.00 0.2
VAY 1.78 317 ePn 11 09.30 -2.3
S.D. = 1.3 on 8 of 8 obs.

* OCT 05, 1992 05h 46m 30.40±1.22s
20.809 S ±21.3km 178.736 W ±12.9km
DEPTH = 636.5 ± 14.5 km
4.4mb (13 obs.)
FIJI ISLANDS REGION (181)

AFI 9.55 45 P 48 45.00 -0.8
S 50 30.00
DZM 13.86 262 iPd 49 29.10 2.0
CTA 32.77 265 P 52 16.00 0.6
ASPA 43.78 257 eP 53 42.90 -1.1
0.6s 23.70nm 4.8mb
iS 59 30.90
WB2 43.86 263 iPc 53 43.60 -1.1
0.3s 21.10nm 5.1mb
WRA 43.87 263 P 53 40.80 -4.0X
0.7s 4.80nm 4.1mb
WARB 50.08 253 eP 54 30.10 -1.3
MBL 57.02 258 eP 55 19.00 -1.2
0.4s 9.00nm 4.4mb
SPA 69.32 180 iPc 56 37.80 0.3
0.8s 7.92nm 4.2mb
PLM 79.87 49 eP 57 36.28 0.0
ORV 80.36 41 eP 57 38.34 -0.1
GLA 81.15 50 eP 57 42.77 0.1
BONR 81.45 44 eP 57 44.34 0.0
TNP 82.23 44 eP 57 49.29 1.1
0.7s 4.11nm 4.1mb
TPNV 82.25 46 ePd 57 48.03 -0.2
0.8s 8.06nm 4.3mb
TUC 83.71 52 eP 57 56.03 0.6
0.8s 5.79nm 4.3mb
RMW 85.01 35 eP 58 01.57 0.2
MSU 85.82 46 eP 58 06.12 0.4
SRU 87.23 46 iPc 58 12.42 0.1
PV10 87.89 48 eP 58 16.00 0.5
NEW 88.03 36 eP 58 15.00 -0.6
0.9s 8.77nm 4.5mb
HHA1 88.13 42 eP 58 16.72 0.4
IMA 88.67 10 ePc 58 18.70 0.4
1.0s 6.25nm 4.4mb
FBA 88.69 13 ePc 58 16.33 -1.9
0.8s 12.58nm 4.8mb
BW06 89.67 43 ePd 58 22.79 -0.7
0.9s 5.79nm 4.5mb
CHG 89.70 290 ePd 58 26.00 2.2
1.0s 12.25nm 4.8mb
NB2 139.20 353 PKP 04 40.50 -7.1X
0.8s 1.30nm
HFS 139.73 350 ePKP 04 40.30 -8.2X
0.4s 1.30nm
MUD 143.92 353 iPKPc 04 54.90 -0.9
EKA 145.37 4 PKPc 04 59.10 0.8
1.0s 12.80nm
OJC 147.19 338 ePKP 05 04.70 3.3X
VR1 147.44 326 ePKP 04 50.00 -12.0X
KSP 147.78 342 iPKP 05 06.60 4.2X
e 05 11.40

SPC 147.88 336 ePKP 05 07.50 4.7X
CLL 148.20 346 iPKP 05 07.30 4.3X
1.0s 28.00nm
BRG 148.38 345 iPKP 05 07.80 4.5X
1.0s 18.00nm
PRU 149.04 343 PKP 05 09.00 4.7X
1.0s 8.30nm
e 05 16.60
MOX 149.12 347 iPKP 05 10.00 5.6X
SRO 149.74 337 ePKP 05 11.10 5.7X
e 35 18.50
ZST 149.85 339 e(PKP) 05 11.70 6.1X
KHC 150.08 344 PKP 05 12.00 6.0X
1.0s 7.00nm
e 05 21.00
GRF 150.11 347 iPKPd 05 12.40 6.4X
e 05 21.30
GEC2 150.30 343 e(PKP) 05 12.40 6.0X
0.8s 7.70nm
CDF 152.04 351 ePKP 05 28.40 19.5X
0.8s 5.50nm
HAU 152.56 353 ePKP 05 30.60 21.0X
0.7s 5.85nm
BSF 152.67 352 ePKP 05 31.00 21.1X
0.9s 5.90nm
SSF 153.75 357 ePKP 05 35.70 24.5X
0.7s 6.70nm
S.D. = 1.0 on 27 of 47 obs.

& OCT 05, 1992 06h 07m 17.26s
34.256 N 116.438 W
DEPTH = 3.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS).

PEC 0.70 239 eP 07 30.35 -0.9
eS 07 38.42
PLM 0.97 202 ePd 07 35.30 -1.1
eS 07 47.09
GSC 1.09 344 ePc 07 37.43 -0.9
eS 07 51.65
GLA 1.80 131 ePn 07 45.34 -4.1
ePg 07 50.27
ISA 2.18 311 ePn 07 54.78 -0.2
ePg 07 57.30
TPNV 2.69 3 (Pn) 08 00.52 -1.8
ePg 08 06.61
TNP 3.87 351 (Pn) 08 17.48 -1.7
ePg 08 28.63
BONR 3.99 338 (Pn) 08 17.60 -3.3
ePg 08 31.39
ARUT 4.28 34 (Pn) 08 21.94 -3.0
MSU 5.47 38 (Pg) 08 54.82 13.0
10 obs. associated

OCT 05, 1992 06h 31m 16.43±0.51s
42.244 N ± 5.5km 14.141 E ± 4.5km
DEPTH = 18.1 ± 6.6 km
CENTRAL ITALY (381)
ML 3.7 (LDG).

AOU 0.56 282 P 31 27.40 0.0
eSg 31 33.50
AZI 0.58 244 P 31 26.90 -0.9
eSg 31 32.80
MNS 1.09 278 P 31 36.30 -0.2
RMP 1.16 248 P 31 37.50 -0.1
eSg 31 50.60
RDP 1.17 246 P 31 37.50 -0.3
ASS 1.37 308 P 31 42.40 1.7
eSg 32 01.20
ARV 1.53 325 P 31 45.00 2.0X
eSn 32 05.00
SGO 1.90 152 P 31 48.70 0.4
CRE 2.12 311 P 31 53.00 1.4
SFI 2.37 316 P 31 55.00 0.0
eSg 32 23.50
BRT 2.67 120 P 31 59.70 0.3
eSn 32 31.00
VBY 3.36 14 ePn 32 12.00 3.0X
ePg 32 22.50
eSn 32 49.00
CEY 3.50 3 e(Pn) 32 14.00 2.9X
iPg 32 26.20
eSn 32 52.50

VOY 3.79 357 ePn 32 15.80 0.5
eSn 32 59.40
LJU 3.81 4 ePn 32 15.00 -0.5
i(Pg) 32 33.50
eSn 32 59.00
PGF 3.82 276 Pn 32 16.30 0.5
CTI 4.20 336 P 32 20.20 -1.0
KBA 4.87 354 i(P) 32 30.90 0.3
i 32 55.20
i 33 25.40
SCE 5.10 341 ePn 32 34.50 0.6
SBF 5.17 290 Pn 32 34.40 -0.5
WTTA 5.33 341 e(P) 32 36.30 -0.9
e 32 56.30
e 33 07.60
TMA 5.41 317 iPd 33 34.60 56.3X
LMR 5.72 284 Pn 32 43.10 0.5
LRG 5.85 285 Pn 32 45.90 1.6
LPG 6.25 304 Pn 32 49.20 -1.1
LPL 6.27 304 Pn 32 48.70 -1.9
GRG 6.32 99 eP 32 50.70 -0.4
BSF 7.63 320 Pn 33 06.40 -3.1X
eSn 34 26.60
CDF 7.84 324 Pn 33 08.60 -3.7X
eSn 34 32.20
HAU 7.97 319 Pn 33 10.30 -3.8X
eSn 34 34.40
S.D. = 1.0 on 23 of 30 obs.

% OCT 05, 1992 06h 44m 26.57±0.93s
33.684 S ± 9.5km 70.239 W ±15.3km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.5 (SAN).

PCH 0.24 285 iP+ 44 42.40 -0.1
iS 44 54.28
FCH 0.36 353 iP+ 44 43.14 -0.1
iS 44 55.34
CHCH 0.42 234 iP 44 43.23 0.0
iS 44 55.33
CACH 0.53 215 iPd 44 44.24 0.3
iS 44 57.79
TACH 0.58 273 iPd 44 44.12 -0.1
iS 44 57.16
PEL 0.66 325 iPd 44 45.00 0.1
iS 44 59.08
ROCH 0.96 317 iPd 44 47.88 0.0
iS 45 04.27
LNV 1.01 254 iP+ 44 47.90 -0.2
iS 45 05.79
JACH 1.04 343 iP+ 44 48.64 0.0
iS 45 06.43
LCCH 1.13 280 iP 44 49.64 0.2
iS 45 06.24
S.D. = 0.2 on 10 of 10 obs.

% OCT 05, 1992 07h 12m 16.73±1.18s
39.344 N ± 8.0km 27.915 E ±13.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT 0.97 20 iPn 12 34.90 -0.2
EDC 1.00 358 ePn 12 35.50 -0.2
BNT 1.01 0 ePn 12 36.30 0.4
IZM 1.07 209 iPn 12 37.00 0.0
EZM 1.32 292 ePn 12 41.00 -0.1
S.D. = 0.4 on 5 of 5 obs.
& OCT 05, 1992 07h 15m 18.18s
34.234 N 116.854 W
DEPTH = 2.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).
PEC 0.43 217 eP 15 26.31 -0.4
SSK 0.70 268 eP 15 31.32 -0.8
PLM 0.88 180 iPd 15 34.74 -1.1
GSC 1.07 2 eP 15 38.09 -1.0
ISA 1.95 317 (Pn) 15 51.82 -0.9
eLg 16 19.39
ABL 2.05 288 eP 15 53.55 -0.7
GLA 2.06 124 ePn 15 52.56 -1.7
TPNV 2.75 10 (Pn) 16 03.19 -1.2
ePg 16 09.87
MEMM 3.82 334 (P) 16 23.02 3.7
BONR 3.89 343 (P) 16 30.67 10.0

05d 07h

MSU 5.70 40 (P) 17 01.18 15.0
11 obs. associated

& OCT 05, 1992 07h 43m 52.88s
34.932 N 116.911 W
DEPTH = 0.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

GSC	0.38	13	iPc	44	00.40	0.0
			eS	44	05.81	
SSK	0.97	222	iPd	44	11.12	-1.2
			eLg	44	24.14	
PEC	1.06	191	eP	44	12.64	-1.1
			eS	44	26.68	
ISA	1.47	300	ePnc	44	19.19	-1.6
			ePg	44	20.30	
PLM	1.58	178	ePn	44	21.39	-1.0
ABL	1.90	268	ePn	44	25.98	-1.1
TPNV	2.08	15	ePn	44	28.94	-0.7
			ePg	44	31.52	
GLA	2.55	137	ePg	44	39.81	3.5
BONR	3.22	340	ePg	44	53.91	8.0
ARUT	4.00	43	(Pg)	45	08.52	11.6
MSU	5.22	45	ePg	45	30.52	16.2

11 obs. associated

OCT 05, 1992 08h 12m 03.25±0.49s
40.839 N ± 4.9km 28.144 E ± 4.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

CTT	0.38	35	iPg	12	10.40	-0.6
BNT	0.51	200	ePg	12	13.50	-0.1
			eSg	12	21.50	
EDC	0.54	204	iPg	12	14.00	-0.1
			iSg	12	22.50	
KCT	0.61	165	iPg	12	14.90	-0.7
			eSg	12	23.90	
MFT	0.66	266	iPg	12	16.40	0.0
			iSg	12	24.70	
ISK	0.73	72	iPg	12	16.50	-1.1
YLV	0.97	106	ePg	12	21.90	0.1
			eSg	12	35.90	
GBZT	0.99	92	ePg	12	24.00	2.0
			iSg	12	33.00	
DMK	1.02	344	iPg	12	22.50	-0.1
			iSg	12	35.50	
HRT	1.16	90	iPn	12	24.80	-0.1
ALN	1.59	273	iPc	12	32.50	1.0
			eS	12	54.50	
EZN	1.72	235	ePn	12	33.00	-0.4

S.D. = 0.9 on 12 of 12 obs.

% OCT 05, 1992 08h 13m 09.24±1.02s
39.107 N ± 7.8km 27.597 E ± 12.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM	0.75	200	iPn	13	24.00	0.0
EZN	1.22	307	ePn	13	32.00	0.1
EDC	1.26	9	ePn	13	33.00	0.4
BNT	1.27	11	ePn	13	32.00	-0.9
KCT	1.28	27	ePn	13	33.40	0.4

S.D. = 0.7 on 5 of 5 obs.

* OCT 05, 1992 09h 14m 45.10±0.82s
20.055 S ± 9.5km 69.271 W ± 19.7km
DEPTH = 179.1 ± 15.4 km
NORTHERN CHILE (123)

CNCB	3.45	21	Pc	15	40.00	-0.4
LPB	3.68	18	P	15	43.50	0.4
ANT	3.78	196	eP	15	44.00	0.0
ZOBO	3.90	16	P	15	46.20	0.0
CCH	3.98	49	P	15	41.30	-5.6X
ARE	4.15	329	iPd	15	49.00	0.0
			iS	16	45.00	
KIC	68.63	74	P	25	31.20	0.0
WRA	134.01	212	Pdiff	30	37.20	-5.5X
	0.7s		0.30nm			
WRA	134.01	212	PKP	33	49.50	6.2X
	0.6s		0.30nm			

S.D. = 0.4 on 6 of 9 obs.

? OCT 05, 1992 09h 26m 59.96±5.54s
31.714 S ± 48.8km 70.038 W ± 34.0km

DEPTH = 140.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.3 (SAN).

JACH	1.07	206	iPd	27	24.76	-0.1
			iS	27	43.39	
ROCH	1.50	213	iP+	27	29.60	0.2
			iS	27	51.22	
PEL	1.53	201	iP+	27	29.06	-0.4
			iS	27	50.86	
FCH	1.62	187	iPd	27	30.84	0.0
			iS	27	53.74	
PCH	1.94	192	iP	27	34.39	0.1
			iS	28	00.87	
TACH	2.08	201	iP	27	35.47	-0.4
			iS	28	03.59	
LCCH	2.18	216	iP	27	37.70	0.6
CHCH	2.27	193	iP	27	38.98	0.7
			iS	28	07.42	
CACH	2.44	191	iP	27	40.56	0.1
			iS	28	11.49	
LNK	2.52	207	iP+	27	40.51	-0.7
			iS	28	11.48	

S.D. = 0.5 on 10 of 10 obs.

* OCT 05, 1992 10h 01m 58.87±0.81s
6.633 S ± 13.4km 146.799 E ± 9.1km
DEPTH = 59.1 ± 16.3 km
3.4mb (1 obs.)

EASTERN NEW GUINEA REG., P.N.G. (207)

LAT	0.20	99	iPc	02	08.30	0.0
YYYY	0.91	295	eP	02	16.30	0.3
			eS	02	29.40	
FINC	1.05	89	eP	02	17.60	-0.1
MDG	1.71	324	eP	02	26.80	0.1
MNDI	3.16	278	eP	02	47.00	-0.5
W82	17.92	221	eP	06	05.80	0.2
	0.8s		2.20nm			
			3.4mb			

S.D. = 0.4 on 6 of 6 obs.

& OCT 05, 1992 10h 06m 26.66s
34.416 N 116.481 W
DEPTH = 1.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS), 3.3 (GS).
Felt (IV) at Yucca Valley.

PEC	0.77	227	iPd	06	41.08	-0.9
GSC	0.92	343	iPd	06	44.17	-0.9
SSK	1.02	259	iPd	06	45.81	-1.1
PLM	1.11	197	iPd	06	47.29	-1.1
GLA	1.94	134	iPd	06	58.12	-2.9
ISA	2.05	308	ePn	07	00.55	-2.2
			Pg	07	04.48	
			S	07	31.85	
ABL	2.30	282	eP	07	03.90	-2.6
			S	07	39.55	
TPNV	2.53	4	ePn	07	08.21	-1.5
			Pg	07	14.75	
			S	07	46.97	
BCH	3.06	286	ePn	07	16.43	-0.8
			S	08	03.94	
PKEM	3.39	300	(Pn)	07	27.51	5.7
PHAM	3.51	295	ePn	07	22.86	-0.6
TNP	3.71	351	ePn	07	25.09	-1.4
			Pg	07	36.47	
			S	08	24.69	
MEMM	3.81	329	ePn	07	31.93	4.3
BONR	3.83	338	ePn	07	27.10	-1.2
ARUT	4.17	35	iPd	07	31.34	-1.6
CMB	4.80	320	eP	07	41.38	-0.4
MSU	5.36	39	ePn	07	48.00	-2.0
DUG	6.47	26	(Pn)	08	08.65	3.2
	0.4s		1.38nm			
			4.3mb X			

18 obs. associated

% OCT 05, 1992 10h 29m 19.81±0.78s
41.167 N ± 17.0km 28.737 E ± 8.1km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

CTT	0.23	265	iPg	29	24.80	0.0
			eSg	29	29.80	
ISK	0.26	112	iPg	29	25.50	0.1
			eSg	29	29.00	
HRT	0.78	116	iPg	29	34.80	-0.3

DMK 0.98 312 eSg 29 46.80
EYL 1.23 119 ePn 29 38.50 0.0
29 43.00 0.2
S.D. = 0.3 on 5 of 5 obs.

? OCT 05, 1992 10h 53m 11.69±4.56s
31.867 S ± 38.3km 69.729 W ± 36.9km
DEPTH = 160.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)
MD 3.9 (SAN).

JACH	1.09	222	iPd	53	38.47	-0.1
			iS	53	59.96	
PEL	1.51	212	iP+	53	42.59	0.1
			iS	54	06.49	
FCH	1.53	198	iPd	53	42.79	-0.3
			iS	54	07.87	
ROCH	1.55	224	iP+	53	43.20	0.1
			iS	54	07.82	
PCH	1.87	201	iPd	53	46.49	0.1
			iS	54	14.12	
TACH	2.05	209	iP+	53	48.23	-0.2
			iS	54	16.85	
CHCH	2.20	200	iP+	53	50.55	0.3
			iS	54	20.53	
LCCH	2.23	224	iPd	53	50.88	0.4
			iS	54	21.10	
CACH	2.36	198	iPd	53	52.38	0.2
			iS	54	25.28	
LNK	2.52	214	iPd	53	53.25	-0.7
			iS	54	26.73	

S.D. = 0.4 on 10 of 10 obs.

& OCT 05, 1992 11h 40m 29.10s
37.447 N 118.855 W
DEPTH = 7.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<BRK>. ML 3.9 (BRK). MD 3.9
(GM). Felt in the epicentral
area.

MEMM	0.23	343	iPd	40	33.38	-0.5
BONR	0.67	41	iPc	40	41.18	-1.4
FRI	0.82	237	iPc	40	44.16	-1.1
CMB	1.35	296	iPc	40	53.13	-1.1
			iS	41	11.16	
TNP	1.44	63	iPc	40	54.97	-0.9
KVN	1.71	20	ePn	40	58.84	-0.8
			iPg	41	00.55	
			eS	41	21.86	
LLA	1.87	244	eP	41	02.06	0.3
			eS	41	27.59	
PRI	1.95	229	iPc	41	04.10	1.0
			eS	41	30.54	
PHAM	2.03	218	ePn	41	03.87	-0.3
ARN	2.13	268	ePn	41	06.03	0.4
			S	41	31.96	
TPNV	2.14	103	ePn	41	04.62	-1.2
SAO	2.18	253	iPc	41	06.87	0.6
PRS	2.30	242	iPd	41	08.50	0.4
			iS	41	37.66	
BCH	2.47	204	ePn	41	10.02	-0.4
			eS	41	37.52	
GCC	2.54	262	iPc	41	11.21	-0.2
ABL	2.61	187	ePn	41	12.33	-0.3
BKS	2.72	280	ePc	41	14.10	0.1
ZSP	2.74	281	ePc			

SRU 6.76 73 ePn 42 11.35 0.0
PV10 7.82 80 eP 42 26.20 0.0
36 obs. associated

? OCT 05, 1992 11h 49m 46.66±5.31s
31.873 S ±48.1km 70.848 W ±19.8km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

JACH 0.83 165 iP+ 50 05.66 -0.1
ROCH 1.10 187 iPd 50 08.63 -0.2
PEL 1.27 174 iP+ 50 10.76 0.2
FCH 1.52 162 iPd 50 13.93 0.0
LCCH 1.71 201 iPd 50 16.36 0.4
PCH 1.77 171 iP 50 16.93 0.2
TACH 1.78 182 iP+ 50 16.50 -0.3
CHCH 2.06 175 iPd 50 20.15 -0.4
LNV 2.13 193 iPd 50 21.10 -0.3
CACH 2.25 175 iPd 50 23.75 0.6
iS 50 53.34

S.D. = 0.4 on 10 of 10 obs.

? OCT 05, 1992 12h 15m 13.25±5.36s
42.272 N ±48.0km 7.196 E ±29.1km
DEPTH = 10.0km (geophysicist)
WESTERN MEDITERRANEAN SEA (387)
ML 2.7 (LDG).

LMR 1.18 335 Pn 15 35.20 0.0
LRG 1.33 333 Pn 15 37.80 0.0
FRF 1.35 343 Pn 15 38.00 -0.1
PGF 1.36 78 Pn 15 38.40 0.0
SBF 1.60 6 Pn 15 41.70 0.0
Sn 16 00.60

S.D. = 0.1 on 5 of 5 obs.

% OCT 05, 1992 14h 54m 25.11±0.64s
40.423 N ±4.8km 23.015 E ±5.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE 0.21 350 ePg 54 29.78 0.1
SOH 0.47 33 ePg 54 34.42 -0.3
LIT 0.51 231 ePg 54 35.42 -0.1
PAIG 0.71 134 ePg 54 39.26 0.2
KNT 0.74 353 ePg 54 39.86 0.2
OUR 0.74 97 ePg 54 39.62 0.0
SRS 0.82 32 ePg 54 41.10 0.1
eSg 54 49.70

S.D. = 0.2 on 7 of 7 obs.

OCT 05, 1992 15h 21m 19.75±0.91s
41.251 N ±9.5km 22.744 E ±6.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.0 (SKO). MD 2.2 (THE).

KNT 0.15 127 iPg 21 23.32 0.2
VAY 0.15 298 iPg 21 22.50 -0.7
SOH 0.63 133 ePg 21 31.82 -0.6
THE 0.64 165 ePg 21 31.92 -0.7
SRS 0.65 102 ePg 21 33.08 0.3
FNA 1.14 246 ePg 21 42.08 1.0
LIT 1.17 190 ePg 21 41.16 -0.4
eSg 21 57.36

OUR 1.31 134 ePb 21 44.84 0.9
eSb 22 03.76

S.D. = 0.8 on 8 of 8 obs.

? OCT 05, 1992 16h 28m 37.24±1.18s
40.336 N ±8.7km 23.629 E ±28.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 1.7 (THE).

PAIG 0.41 175 iPg 28 45.56 -0.1
SOH 0.53 337 ePg 28 47.36 -0.6
SRS 0.78 358 ePg 28 52.64 0.2
KNT 0.99 326 ePg 28 56.56 0.5
eSg 29 09.28

S.D. = 0.8 on 4 of 4 obs.

? OCT 05, 1992 18h 23m 33.40±0.62s
39.303 N ±15.2km 74.171 E ±12.6km
DEPTH = 33.0km (normal)
4.1mb (4 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 10.89 166 eP 26 16.00 6.0X
MAIO 11.99 260 eP 26 25.00 0.0
eS 28 35.00
GKN 14.23 139 P 26 53.88 -0.9
KKN 14.74 138 P 27 00.92 -0.5
DMN 14.79 139 P 27 02.70 0.5
GUN 14.96 136 P 27 04.20 -0.3
PKI 14.98 138 P 27 04.60 -0.1
HYB 22.14 169 eP 28 34.50 6.6X
GBA 25.76 173 P 29 07.00 4.2X
HFS 42.48 320 eP 31 25.90 -0.8
eS 0.5s 1.90nm 4.1mb
GEC2 43.43 303 P 31 35.80 1.1
eS 0.5s 1.80nm 4.1mb
NB2 43.71 321 P 31 35.60 -1.2
eS 0.7s 2.20nm 4.0mb
WRA 81.42 124 P 35 50.20 1.7
eS 0.7s 1.10nm 4.0mb
WB2 81.43 124 iPc 35 49.00 0.4

S.D. = 1.0 on 11 of 14 obs.

OCT 05, 1992 18h 59m 01.75±0.16s
51.642 N ±4.0km 179.065 E ±2.2km
DEPTH = 68.2km (37 depth phases)
5.3mb (94 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)
ML 5.3 (PMR). Felt (V) on
Amchitka.

ADK 2.65 83 iPnc 59 44.13 1.1
SMY 3.24 292 ePn 59 53.00 1.7
PET 12.56 284 eP 01 44.00 -15.1X
Z 26s 2.00um
SDN 12.71 65 iPc 01 59.51 -1.6
eS 0.7s 160.06nm 6.0mb X
SKR 14.44 275 eP 02 29.10 5.4X
eS 0.5s 80.00nm 5.3mb
Z 12s 0.80um
eS 04 53.90
ILT 16.35 3 iPd 02 46.00 -1.9
eS 1.6s 103.00nm 4.7mb
eS 05 56.00

MCNL 16.79 53 eP 02 55.29 1.7
SVW 16.81 46 iPc 02 55.86 2.0
eS 0.8s 175.70nm 5.3mb
PDB 17.03 51 eP 02 58.82 2.3
CDD 17.08 54 eP 02 57.87 0.7
TTA 17.45 40 iPc 03 03.99 2.3
eS 1.2s 74.85nm 4.8mb
KDC 17.45 58 eP 03 00.53 -1.2
eS 0.3s 25.64nm 4.9mb
OPT 17.46 52 eP 03 03.62 1.7
INW 17.62 51 eP 03 05.52 1.6
INE 17.65 51 eP 03 05.97 1.6
MGD 17.85 309 eP 03 08.00 1.4
eS 06 22.00
NCT 17.86 49 eP 03 08.48 1.6
RDW 17.89 49 eP 03 08.70 1.3
DFR 17.99 49 eP 03 09.34 1.0
BKG 18.33 48 eP 03 13.48 0.9
BGL 18.33 47 iPc 03 13.61 1.0

CKL 18.33 47 iP 03 14.02 1.4
CKT 18.40 48 eP 03 14.33 1.0
CRP 18.44 47 iPc 03 14.82 0.8
SPU 18.46 48 iPc 03 14.27 0.2
NCG 18.48 47 iP 03 15.87 1.4
CGLM 18.52 47 eP 03 15.88 1.0
SKT 18.96 46 iP 03 20.77 0.9
SLKM 19.14 50 iPc 03 20.25 -1.7
SUA 19.15 47 eP 03 21.88 -0.3
SEW 19.42 52 eP 03 22.68 -2.2
MPA 19.55 51 eP 03 24.49 -1.7
PWA 19.60 47 eP 03 26.00 -0.7
eS 0.7s 183.20nm 5.5mb
PMS 19.63 49 eP 03 24.30 -2.9X
KTH 19.79 41 iP 03 29.82 1.0
PTE 19.79 50 eP 03 26.92 -1.8
PMR 19.93 48 eP 03 30.66 0.5
eS 0.6s 147.46nm 5.5mb
IMA 19.94 33 iPc 03 30.89 0.5
eS 0.8s 73.79nm 5.1mb
TRF 20.02 42 eP 03 31.45 0.2
GHO 20.07 47 eP 03 29.85 -1.9
HUR 20.12 44 eP 03 31.74 -0.5
KNK 20.19 48 eP 03 31.30 -1.7
KNIM 20.31 52 eP 03 31.24 -2.9X
SML 20.35 47 eP 03 33.49 -1.1
MLY 20.48 38 eP 03 37.02 1.1
RND 20.60 43 eP 03 36.38 -0.8
MCK 20.68 42 eP 03 37.31 -0.6
GLI 20.72 50 eP 03 36.17 -2.2
SCM 20.82 48 eP 03 38.62 -0.8
NEA 20.94 40 eP 03 41.09 0.6
VLZ 21.13 50 eP 03 41.30 -1.1
WRH 21.29 40 eP 03 43.56 -0.5
KLU 21.40 49 eP 03 44.28 -1.0
TOA 21.41 47 eP 03 46.70 1.3
CCB 21.47 40 eP 03 45.01 -0.9
SGAM 21.57 52 eP 03 46.10 -0.8
FBA 21.57 39 iPc 03 45.95 -0.9
eS 0.8s 69.02nm 5.1mb
HDA 21.73 41 eP 03 48.60 0.1
GLM 21.77 39 eP 03 48.18 -0.7
SDG 21.80 46 eP 03 49.41 0.2
PAX 21.94 45 eP 03 50.76 0.1
DJE 22.14 42 eP 03 52.32 -0.2
GLB 22.39 50 eP 03 54.79 -0.2
BRW 22.54 20 iPd 03 57.29 1.0
CROM 22.61 51 eP 03 57.54 0.1
DOT 22.72 44 eP 03 58.34 0.0
TGL 22.77 52 eP 03 58.41 -0.4
BALM 23.03 51 eP 04 01.28 -0.1
TMW 23.11 45 eP 04 03.52 1.5
FYU 23.19 36 eP 04 04.25 1.6
YAH 23.26 53 eP 04 04.37 0.6
CTGM 23.52 51 iP 04 06.79 0.7
YSS 23.97 273 iPd 04 11.90 1.5
eS 0.8s 90.00nm 5.3mb
Z 22s 0.60um 4.0msz
e 04 28.00 70km
e 08 25.00
PCA 23.99 53 iP 04 10.69 0.1
BCPM 24.29 54 iP 04 13.22 -0.3
PNL 24.41 55 iP 04 14.04 -0.6
KUSJ 24.60 263 P 04 15.60 -0.9
HON 24.67 55 eP 04 16.48 -0.7
ASAJ 25.35 267 eP 04 24.80 1.2
HOOJ 25.86 263 eP 04 27.70 -0.7
SIT 26.72 60 P 04 50.00 13.9X
Z 20s 0.61um 4.1msz
MRRJ 27.21 265 eP 04 40.00 -0.7
YAK 28.22 311 eP 04 48.20 -1.4
eS 1.3s 56.00nm 5.0mb
OFUJ 28.79 259 eP 04 55.10 0.1
TIK 29.75 331 eP 05 06.00 2.8
eS 1.0s 9.00nm 4.4mb
e 05 20.00 56kmX
e 05 55.00
YAMJ 30.36 259 eP 05 09.20 0.3
KAKJ 31.55 256 iP+ 05 19.60 0.2
NIJJ 31.58 259 iPd 05 20.10 0.4
CHJJ 32.36 257 iPd 05 26.90 0.4
MAT 32.52 259 eP 05 27.00 -0.9
eS 1.0s 73.00nm 5.5mb
MTMJ 32.74 259 P 05 30.20 0.3
MDJ 33.21 278 eP 05 32.70 -1.1
eS 1.0s 18.00nm 4.9mb
pP 05 50.00 72km

05d 19h

MBC	33.86	22	ePc	05	39.90	0.8	MOY	46.20	302	ePd	07	22.00	0.9	JFWS	58.32	60	iPc	08	48.98	-2.7
	0.9s		41.00nm			5.3mb		1.2s		52.00nm			5.3mb		0.6s		46.41nm			5.8mb
YKA	36.02	46	P	05	57.30	-0.3	HHC	46.33	284	Pd	07	23.60	1.2	GYA	58.97	274	P	08	55.40	-1.1
	0.4s		34.00nm			5.6mb		1.3s		120.00nm			5.7mb		1.0s		29.00nm			5.4mb
CN2	36.19	279	Pd	05	58.40	-0.8	ISA	46.48	85	iPc	07	23.20	-0.5	PLP	59.39	247	ePd	08	50.00	-9.3X
	1.0s		22.00nm			5.0mb		0.9s		42.00nm			5.4mb		59.89	253	ePc	09	02.00	-0.7
Z	22s		0.56um			4.3MsZ				eP	07	40.52	69km	TUL	60.03	69	eP	09	01.60	-1.9
			eSP	06	22.50					eSP	07	48.89			1.0s		82.80nm			5.8mb
MCW	36.50	71	ePc	06	02.02	0.2	ABL	46.55	86	iPc	07	24.47	0.1	Z	20s		0.09um			3.9MsZ
BOD	36.64	306	iPd	06	03.70	0.8				eP	07	42.03	70km				LR	28	34.00	
	1.1s		58.00nm			5.4mb	SSE	46.67	267	Pc	07	25.50	0.4	SVE	60.66	326	ePc	09	09.00	1.5
GMW	37.05	73	iPc	06	06.98	0.5		1.0s		110.00nm			5.7mb		2.0s		20.00nm			4.9mb
BMW	37.31	75	iPc	06	09.27	0.5	Z	20s		0.50um			4.5MsZ	BIP	61.06	244	eP	09	06.00	-4.6X
LON	38.02	73	iPc	06	14.63	-0.1				pP	07	44.00	75km	EEO	61.41	50	eP	09	13.50	0.8
			eP	06	30.76	64km				sP	07	51.00					pP	09	31.50	69km
SHW	38.05	74	ePc	06	15.52	0.5	FCC	46.74	46	eP	07	27.00	1.8	FVM	61.64	64	eP	09	12.10	-2.3
SNY	38.42	278	iPd	06	18.40	0.5	TPNV	47.03	82	iPc	07	28.35	0.2	ARU	61.68	327	eP	09	14.00	-0.4
	1.4s		120.00nm			5.6mb		0.7s		117.43nm			5.9mb				e	09	31.00	64km
Z	25s		0.53um			4.3MsZ	DUG	47.11	76	iPc	07	28.73	0.1	CGP	61.75	246	eP	09	13.00	-2.3
			pP	06	35.00	67km				eP	07	28.73	0.1	MIAR	62.28	69	iPc	09	17.45	-1.2
SHNJ	38.47	262	P	06	20.20	1.7		0.4s		11.60nm			5.2mb		0.7s		41.44nm			5.7mb
CIT	39.22	297	eP	06	25.00	0.4	BTO	47.42	285	P	07	32.00	1.0	Z	22s		0.31um			4.4MsZ
			e	06	42.00	69km		1.0s		76.00nm			5.6mb	KMI	62.37	276	Pd	09	18.50	-1.2
VGB	39.27	74	iPc	06	25.41	0.3				pP	07	50.00	72km		1.5s		40.00nm			5.3mb
DPW	39.60	70	iPc	06	27.14	-0.7				ePP	09	25.00					pP	09	33.50	55kmX
KUMJ	39.72	260	P	06	30.30	1.4				S	14	23.00		SVO	62.78	201	P	09	20.00	-2.1
EKR	39.87	83	eP	06	31.28	1.2	NJ2	47.47	270	Pd	07	31.20	-0.2	ELC	62.81	64	eP	09	19.93	-2.2
FHC	39.91	83	iPc	06	32.21	1.8		1.0s		56.00nm			5.5mb	OLY	62.81	67	eP	09	19.92	-2.3
FOX	40.07	83	eP	06	34.03	2.4	TIY	47.75	280	iPc	07	34.50	0.9	ACTO	63.12	53	P	09	23.45	-0.7
KAGJ	40.61	259	P	06	37.80	1.6		0.8s		86.00nm			5.8mb	TYNO	63.59	53	P	09	25.86	-1.3
LBFM	40.88	81	iPc	06	40.06	1.4	Z	30s		0.47um			4.3MsZ	WLVO	63.71	52	P	09	26.62	-1.3
			eP	06	57.04	68km	GSC	47.75	84	iPd	07	33.79	0.1	STCO	63.85	53	P	09	27.42	-1.5
DL2	41.33	275	eP	06	42.00	0.0				eP	07	50.82	67km	KAF	64.55	346	iP	09	31.10	-2.1
	1.0s		33.00nm			5.1mb	DAU	47.91	75	eP	07	29.44	-5.7X		0.6s		5.30nm			4.7mb
MIN	41.64	82	iPc	06	45.43	0.6	SSK	47.92	86	ePd	07	35.46	0.4	RSNY	65.11	49	ePc	09	34.46	-2.6
NTYM	42.17	85	iPc	06	49.68	0.8	ARUT	48.23	79	iPc	07	37.30	-0.1		0.4s		4.51nm			4.8mb
ORV	42.18	82	iPc	06	49.28	0.3	PEC	48.46	86	iPc	07	38.57	-0.5	Z	20s		0.26um			4.4MsZ
SES	42.44	63	iPc	06	49.40	-1.6		0.8s		12.47nm			5.0mb	FRU	65.45	308	iPd	09	40.00	0.7
	0.6s		40.00nm			5.4mb	MSU	48.54	77	iPc	07	40.17	0.3		1.2s		60.00nm			5.4mb
ZSP	42.69	85	iPc	06	54.10	0.9	EMUT	48.55	75	iPc	07	39.67	-0.3				e	09	58.00	68km
BKS	42.75	85	iPc	06	54.41	0.8	PLM	49.00	86	iPc	07	43.50	0.0	LSA	66.09	288	iPd	09	44.60	0.5
PCC	42.89	86	eP	06	55.41	0.6				eP	08	00.32	66km		0.8s		26.00nm			5.2mb
NRI	43.30	329	iPc	06	59.30	1.6	SRU	49.16	76	iPc	07	44.36	-0.3	NUR	66.32	347	iP	09	43.80	-0.7
	1.4s		36.00nm			5.0mb	RSSD	49.89	67	eP	07	48.33	-1.8		0.5s		4.00nm			4.6mb
			e	07	17.00	71km		0.6s		11.53nm			5.1mb	BNH	66.59	47	ePc	09	44.44	-2.1
GCC	43.42	86	iPc	06	59.53	0.4	Z	22s		0.12um			3.9MsZ				eP	10	02.47	67km
ARN	43.51	85	iPc	07	00.54	0.6	GLA	50.47	85	iPd	07	54.26	-0.2	GBTN	66.76	62	iPc	09	46.06	-1.7
CMB	43.80	83	iPc	07	02.69	0.5				eP	08	11.42	67km	NB2	67.25	354	P	09	49.10	-1.4
	1.1s		72.53nm			5.4mb	ULM	50.65	56	eP	07	56.50	0.9		0.8s		11.40nm			4.9mb
BJI	44.01	280	eP	07	04.00	0.1	GOL	51.87	72	iPd	08	05.19	-0.1	KSH	67.31	305	P	09	52.00	0.7
	1.0s		61.00nm			5.4mb		0.6s		27.30nm			5.5mb		0.7s		30.00nm			5.4mb
Z	20s		0.36um			4.3MsZ	Z	19s		0.47um			4.5MsZ	BLA	67.66	58	eP	09	51.33	-2.1
LRM	44.04	69	ePc	07	03.10	-1.2				e	08	23.01	70km	UPP	67.85	350	iP	09	52.50	-1.6
IRK	44.13	302	ePd	07	04.80	0.1	XAN	52.30	279	Pd	08	07.60	-0.8	HFS	67.96	352	eP	09	53.20	-1.6
	1.2s		24.00nm			4.9mb		0.8s		36.00nm			5.5mb		0.3s		2.70nm			4.6mb
Z	18s		0.22um			4.1MsZ				pP	08	26.00	73km	Z	17s		39.00um			6.7MsZ
			e	07	21.30	65km	TUC	53.47	82	iPc	08	16.65	-0.4				LR	34	09.00	
			e	08	49.00			1.5s		102.63nm			5.6mb				LR	44	28.00	
			e	16	54.00		LZH	54.03	285	iPd	08	21.50	0.3	HRV	68.06	49	P	10	10.00	14.2X
PRS	44.26	86	iPc	07	06.51	0.6		1.5s		110.00nm			5.7mb	Z	19s		0.22um			4.4MsZ
LLA	44.34	85	iPc	07	07.47	0.9	Z	20s		0.35um			4.4MsZ	EMM	68.16	45	iPc	09	54.54	-1.8
KVN	44.58	81	eP	07	09.30	0.6				pP	08	41.00	77km				eP	10	12.99	69km
			eP	07	24.66	60km				ScS	18	02.50		LMN	68.44	42	ePc	09	55.10	-2.9
PR1	44.82	86	iPc	07	11.47	0.9				iPc	08	22.50	-0.1	MRX	68.49	85	(P)	10	00.50	1.8
FRI	44.87	84	iPc	07	11.20	0.4	GTA	54.23	290	iPd	08	22.50	-0.1	LOE	68.72	271	iPd	09	59.00	-1.2
MEMM	44.92	83	iPc	07	12.88	1.7		1.0s		66.00nm			5.6mb	PRM	68.95	62	eP	09	59.77	-1.6
			eP	07	28.20	59km	Z	24s		0.30um			4.3MsZ				eP	10	18.55	70km
BONR	45.13	82	iPc	07	14.30	1.0				pP	08	40.00	68km	OBN	69.14	338	eP	10	20.00	17.8X
ZAK	45.67	300	iPd	07	17.60	0.7	ALQ	54.34	77	iPc	08	22.89	-0.7		1.0s		35.00nm			
	1.5s		60.00nm			5.3mb		1.0s		34.29nm			5.3mb				e	10	23.50	11kmX
Z	16s		0.30um			4.3MsZ	CVP	56.10	255	eP	08	37.70	1.6	CEH	69.35	58	eP	10	02.06	-1.7
E	17s		0.39um				SEM	57.32	311	iPd	08	43.70	-0.8		0.4s		11.20nm			5.1mb
			e	07	35.00	69km		1.7s		29.00nm			5.1mb	CHG	69.39	274	ePd	10	03.90	-0.4
			e	08	54.00					eS	16	33.40			1.0s		35.50nm			5.3mb
TNP	45.72	81	iPc	07	18.28	0.5				e	17	06.00		GUN	70.52	290	Pd	10	11.70	0.2
	0.8s		92.82nm			5.7mb				i	18	25.90			0.7s		341.00nm			6.4mb X
			eP	07	35.61	69km	CD2	57.61	280	P	08	46.00	-0.9	BDT	70.54	273	eP	10	11.00	-0.2
			sP	07	45.30			1.0s		55.00nm			5.6mb	PPM	70.56	84	(P)	10	14.00	2.0
PTI	45.77	73	eP	07	18.43	0.4	JAQ	57.81	43	ePc	08	45.50	-2.4	IIT	70.79	83	(P)	10	13.50	0.4
			eP	07	36.57	73km	WMQ	58.07												

[illegible]

05d 21h

GUN	66.66	286	P	40	25.40	-0.6
KKN	67.10	286	P	40	28.80	0.2
PKI	67.19	286	P	40	29.30	0.0
GKN	67.32	287	P	40	30.00	0.1
DMN	67.34	286	P	40	30.20	0.0
WRA	79.73	217	P	41	42.00	0.0

0.6s 0.20nm 3.3mb
S.D. = 0.5 on 9 of 9 obs.

& OCT 05, 1992 21h 41m 26.74s
40.314 N 124.531 W
DEPTH = 8.4km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 3.0 (GM).

FHC	0.64	40	ePc	41	39.78	0.2
WDC	1.54	79	eP	41	52.77	-1.7
LBFM	2.25	62	eP	42	04.18	-0.9
ORV	2.45	107	eP	42	05.42	-2.2

4 obs. associated

OCT 05, 1992 22h 02m 30.12± 1.26s
17.367 N ±10.7km 61.644 W ±11.2km
DEPTH = 52.6 ± 13.3 km
LEEWARD ISLANDS (92)
MD 3.9 (TRN).

CPB	0.32	327	eP	02	39.33	-0.4
BPA	0.38	213	ePd	02	40.13	-0.2
			eS	02	56.34	
MGH	0.84	221	iPd	02	46.53	0.5
NEV	0.92	256	eP	02	47.73	0.8
			eS	03	01.50	
SEG	0.97	172	eP	02	48.34	0.7
			eS	03	02.40	
SKI	1.05	268	eP	02	46.31	-2.4
			eS	03	03.87	
DEG	1.19	152	eP	02	50.44	-0.3
SFG	1.19	159	ePd	02	51.75	1.1
PAG	1.33	182	eP	02	53.04	0.3
SVV	4.05	174	eP	03	31.31	0.2
			eS	04	17.90	

CPD	4.13	280	P	03	33.20	1.0
SJG	4.36	280	i(P)	03	36.50	1.0
CLLP	4.75	279	P	03	41.20	0.1
PORP	4.81	279	P	03	42.20	0.4
LRS	5.04	281	P	03	44.80	-0.3
MGP	5.23	278	P	03	47.50	-0.3
TCE	6.63	181	eP	04	06.20	-1.2
TRN	6.68	178	eP	04	06.98	-1.1

S.D. = 1.0 on 18 of 18 obs.

OCT 05, 1992 22h 31m 51.31± 1.68s
33.213 S ± 5.1km 71.710 W ±14.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.2 (SAN).

IHA	0.20	17	iP+	31	54.80	-0.8
			iS	32	00.90	
LCCH	0.29	156	iPd	31	58.00	0.7
			iS	32	07.01	
ROCH	0.63	68	iPd	32	03.15	-1.1
			(S)	32	15.97	
TACH	0.78	124	iPd	32	06.70	0.2
			(S)	32	22.05	
LNK	0.78	161	iP+	32	05.14	-1.4
			iS	32	20.12	
PEL	0.86	86	iP+	32	08.03	0.1
			iS	32	24.54	
SAN	0.91	106	eP	32	08.10	-0.6
			iS	32	28.31	
JACH	1.08	61	iPd	32	09.35	-2.3
			(S)	32	26.52	
PCH	1.08	112	iP+	32	11.80	0.1
			iS	32	32.60	
CHCH	1.14	129	iPd	32	12.60	-0.1
			iS	32	32.15	
FCH	1.19	96	iP	32	13.83	0.0
			(S)	32	37.85	
CACH	1.29	135	iP	32	15.76	0.4
			iS	32	37.35	
MDZ	2.42	83	eP	32	35.30	3.6X
			iS	33	12.20	
RTCV	3.00	64	iPc	32	41.40	1.6
ZON	3.06	58	eP	32	41.70	1.1
			eS	33	26.70	

RTLL	3.33	56	ePd	32	45.00	0.5
			S	33	31.00	
CFA	3.34	62	e(P)	32	46.30	1.6
TCA	6.31	75	eP	33	26.70	-0.1
			i	34	42.10	

S.D. = 1.1 on 17 of 18 obs.

% OCT 05, 1992 23h 02m 36.33± 1.06s
36.811 N ±11.0km 3.013 W ± 5.4km
DEPTH = 5.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.0 (MDD).

EGUA	0.44	273	iPgc	02	43.42	-1.8
			eSg	02	50.80	
ECOG	0.64	317	iPgc	02	47.85	-1.3
			eSg	02	56.70	
ENIJ	0.67	76	iPgc	02	48.76	-0.9
			eSg	02	58.40	
EHUE	1.06	18	iPgc	02	56.50	-0.3
ELUO	1.25	307	ePn	03	00.52	0.5
			eSn	03	18.90	
EBAN	1.48	336	ePn	03	04.10	0.4
			eSn	03	23.80	
EALH	1.64	50	ePn	03	06.00	0.0
EPRU	1.79	276	ePn	03	08.61	0.5
			eSn	03	31.30	
EVIA	1.87	12	iPnd	03	10.50	1.2
			eSn	03	34.00	
EJIF	2.01	260	ePn	03	12.30	1.0
			eSn	03	37.00	
EHOR	2.05	300	ePn	03	12.50	0.7
			eSn	03	38.70	
TOL	3.17	345	e(Pg)	03	35.00	7.2X
			iSg	04	21.00	

S.D. = 1.1 on 11 of 12 obs.

* OCT 05, 1992 23h 03m 38.42± 1.11s
6.805 N ± 9.1km 72.792 W ±10.8km
DEPTH = 180.7 ± 13.9 km
NORTHERN COLOMBIA (99)

SDV	2.97	46	iPnd	04	27.60	0.1
			iSn	05	05.20	
TOV	4.19	45	ePnc	04	43.20	0.5
			iSn	05	32.60	
MORO	5.99	47	iP	05	06.10	-0.1
GUAN	7.73	66	iP	05	28.60	-0.7
			iS	06	54.90	
YHJ	11.60	342	iPd	06	20.74	1.0
STH	11.87	341	iPd	06	22.21	-1.1
ZOBO	23.40	169	P	08	33.00	-0.1
LPB	23.65	169	eP	08	35.00	-0.2
CNCB	23.94	169	P	08	38.00	-0.1
SIV	25.45	153	eP	08	51.00	-0.5
BAO	33.18	132	Pd	10	01.40	1.3
LIC	67.28	86	P	14	16.00	-0.1
KIC	67.55	86	P	14	17.70	-0.1
ASPA	149.37	234	ePKP	23	07.00	3.5X
	0.6s	7.10nm				
WB2	150.60	241	iPKPd	23	10.40	5.0X
	0.3s	14.80nm				

S.D. = 0.7 on 13 of 15 obs.

& OCT 05, 1992 23h 16m 03.09s
34.372 N 116.429 W
DEPTH = 2.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS), 3.1 (GS).

PEC	0.77	232	iPc	16	17.44	-1.1
			S	16	27.13	
GSC	0.98	342	ePd	16	21.43	-0.9
			eS	16	33.39	
SSK	1.06	262	ePc	16	22.68	-1.2
			eS	16	36.90	
PLM	1.08	200	ePc	16	23.04	-1.1
			eS	16	37.91	
GLA	1.88	134	ePc	16	33.36	-3.0
ISA	2.12	308	ePn	16	37.19	-2.7
			ePg	16	41.96	
ABL	2.35	283	ePn	16	40.85	-2.6
			eS	17	17.33	
TPNV	2.58	3	ePn	16	44.60	-2.0
BCH	3.12	286	ePn	16	51.91	-2.3
TNP	3.76	350	(P)	17	03.35	-0.1

BONR	3.88	338	ePn	17	03.96	-1.3
ARUT	4.18	35	ePn	17	07.79	-1.6
MSU	5.37	38	(Pn)	17	24.80	-1.5

13 obs. associated

% OCT 06, 1992 00h 40m 52.80± 2.32s
36.678 N ±20.6km 3.039 W ± 6.4km
DEPTH = 5.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 3.0 (MDD).

EGUA	0.45	290	iPgc	41	01.36	-0.5
			eSg	41	08.70	
ENIJ	0.73	66	iPgc	41	06.62	-0.8
			eSg	41	16.30	
ECOG	0.73	325	iPgc	41	05.68	-1.8
			eSg	41	14.00	
EHUE	1.19	17	ePg	41	15.93	0.4
			eSg	41	31.80	
ELUO	1.32	312	ePn	41	18.74	1.1
			eSn	41	37.10	
EBAN	1.60	338	ePn	41	22.13	0.3
			eSn	41	42.20	
EPRU	1.78	280	ePn	41	28.67	4.2X
			eSn	41	52.00	
EVIA	2.00	12	iPnc	41	28.50	0.8
			eSn	41	52.40	
EHOR	2.10	304	ePn	41	29.43	0.4
			eSn	41	55.70	

S.D. = 1.1 on 8 of 9 obs.

? OCT 06, 1992 00h 45m 06.23± 2.15s
8.560 S ±13.9km 79.103 W ±33.9km
DEPTH = 66.8 ± 20.5 km
NEAR COAST OF NORTHERN PERU (109)

NNA	4.07	147	iPc	46	07.50	0.0
	0.7s	280.82nm				
			i	46	11.00	
			eS	46	49.00	
VC1	7.90	5	P	47	00.00	-1.3
ANTI	8.10	7	P	47	05.20	1.0
YANA	8.41	4	P	47	08.60	0.3
COTA	8.87	5	P	47	17.50	2.8X
ARE	10.81	137	eP	47	51.00	10.1X
ZOBO	13.18	127	eP	48	15.00	2.3X
			e	48	19.00	
LPB	13.34	127	P	48	23.80	9.1X
CNCB	13.59	128	eP	48	25.00	6.9X
CCH	15.37	126	eP	48	37.00	-3.9X
SIV	19.09	114	P	49	26.60	0.0
SES	64.94	338	eP	55	41.00	0.0

S.D. = 1.2 on 6 of 12 obs.

* OCT 06, 1992 02h 20m 07.64± 0.83s
21.381 S ± 7.8km 68.659 W ±11.8km
DEPTH = 148.9 ± 10.1 km
4.6mb (1 obs.)
CHILE-BOLIVIA BORDER REGION (124)

ANT	2.83	215	iP	20	52.20	-1.1
			iS	21	20.70	
YJA	3.04	106	iPc	20	57.00	0.5
SLA	4.43	139	ePc	21	15.80	1.4
CNCB	4.59	8	P	21	16.80	-0.2
CCH	4.63	31	P	21	16.00	-1.3
LPB	4.85	6	P	21	22.00	1.7
ZOBO	5.09	6	P	21	23.30	-0.4
			i	22	16.00	
ARE	5.58	331	eP	21	56.00	26.1X
			iS	22	23.50	
SIV	8.97	55	iPc	22	11.20	-4.0X
ITB1	13.54	107	e(P)	23	06.00	-8.8X
VAO	20.15	99	eP	24	30.70	-1.6
			e	24	32.40	
BAO	20.41	77	e(P)	24	34.00	-0.9
8DF	20.48	77	Pc	24	35.90	0.2
			e	24	38.60	
			e	24	45.20	
			e	24	52.60	
KIC	68.45	74	P	30	56.60	0.7
YKA	91.15	341	eP	32	57.00	0.8
	0.6s	3.00nm				

S.D. = 1.3 on 12 of 15 obs.

OCT 06, 1992 02h 57m 46.94± 0.47s
40.847 N ± 4.5km 28.138 E ± 4.2km

DEPTH = 10.0km (geophysicist)
TURKEY (366)

CTT	0.37	36	iPg	57	55.20	0.6
BNT	0.52	199	iPg	57	58.20	0.8
			iSg	58	04.70	
EDC	0.54	203	iPg	57	57.50	-0.4
			iSg	58	05.50	
KCT	0.62	164	iPg	57	59.10	-0.3
MFT	0.65	265	iPg	57	59.20	-0.8
			iSg	58	09.70	
ISK	0.73	72	iPg	58	00.70	-0.6
			iSg	58	11.70	
YLV	0.98	106	iPg	58	05.60	0.0
GBZT	0.99	93	ePg	58	07.80	2.0X
DMK	1.02	344	iPg	58	06.40	0.3
			iSg	58	21.40	
HRT	1.16	91	iPn	58	08.60	-0.1
ALN	1.59	273	eP	58	14.60	-0.5
			eS	58	38.50	
EZN	1.72	234	ePn	58	18.20	1.1

S.D. = 0.7 on 11 of 12 obs.

& OCT 06, 1992 03h 09m 30.69s
60.248 N 150.950 W
DEPTH = 60.7km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.5 (AEIC).

SLKM	0.45	54	eP	09	42.03	-0.3
			eS	09	51.22	
NKA	0.52	344	eP	09	44.29	1.3
HOM	0.69	211	eP	09	45.05	0.1
SEW	0.76	100	eP	09	45.03	-0.8
RDT	0.79	295	iP	09	45.73	-0.6
			eS	09	57.80	
MPA	0.83	72	eP	09	46.00	-0.6
			eS	09	58.01	
REF	0.90	286	iP	09	47.15	-0.7
			iS	10	00.26	
RED	0.92	282	eP	09	47.29	-0.7
			eS	10	00.37	
RSO	0.92	284	eP	09	47.35	-0.7
RS1	0.92	284	eP	09	47.41	-0.7
RS2	0.92	284	eP	09	47.51	-0.6
			eS	10	01.11	
DFR	0.93	293	eP	09	47.36	-0.7
			eS	10	00.78	
RDN	0.94	287	eP	09	47.41	-0.8
			eS	10	00.63	
RDW	0.95	285	eP	09	47.74	-0.7
			eS	10	01.44	
NCT	1.03	289	eP	09	48.71	-0.7
			eS	10	03.08	
BKG	1.05	322	eP	09	49.09	-0.5
INE	1.07	261	eP	09	49.22	-0.8
			eS	10	03.86	
SPU	1.08	330	iP	09	49.47	-0.6
INW	1.11	262	eP	09	49.89	-0.5
			eS	10	04.76	
PTE	1.14	56	eP	09	49.76	-0.9
CKT	1.14	328	eP	09	50.35	-0.5
			eS	10	05.61	
CKL	1.17	325	eP	09	50.81	-0.5
			eS	10	06.46	
CGLM	1.18	334	eP	09	51.05	-0.4
PMS	1.21	34	eP	09	51.19	-0.6
			eS	10	06.19	
SUA	1.22	5	iP	09	51.34	-0.7
			eS	10	07.59	
BGL	1.24	326	eP	09	51.90	-0.4
OPT	1.29	243	eP	09	52.62	-0.3
NCG	1.30	334	eP	09	52.82	-0.3
			eS	10	09.56	
AUE	1.51	235	eP	09	56.05	0.2
AUL	1.53	236	eP	09	55.47	-0.6
AUP	1.53	236	eP	09	56.06	-0.2
AUH	1.54	236	eP	09	56.08	-0.3
AUW	1.55	236	eP	09	56.34	0.0
LTJ	1.56	96	eP	09	54.74	-1.8
KNIM	1.60	85	eP	09	54.79	-2.4
			eS	10	14.48	
PLRM	1.62	33	eP	09	55.95	-1.3
KNK	1.69	45	eP	09	57.09	-1.3
			eS	10	17.30	
SKT	1.76	351	eP	09	58.89	-0.5
			eS	10	20.61	

SYI	1.80	205	eP	09	59.25	-0.6
GHO	1.82	32	eP	09	59.00	-1.2
CDD	1.90	227	eP	09	59.32	-2.0
SML	2.02	38	eP	10	01.62	-1.3
HIN	2.22	84	eP	10	03.70	-2.1
FID	2.27	75	eP	10	03.14	-3.3
SCM	2.37	46	eP	10	06.93	-1.1
VLZ	2.44	67	eP	10	06.18	-2.6
KLU	2.76	61	eP	10	11.31	-2.1
HUR	2.81	12	eP	10	14.25	0.1
TOA	2.97	49	eP	10	14.99	-1.5
TRF	3.23	5	eP	10	19.64	-0.6
RND	3.32	17	eP	10	20.57	-0.8
MCK	3.62	14	eP	10	25.30	-0.3
GLB	3.69	68	eP	10	22.70	-3.9
PAX	3.78	41	eP	10	26.29	-1.6
CROM	3.90	79	eP	10	27.47	-2.1
WAX	4.03	84	eP	10	27.62	-3.7
BALM	4.31	76	eP	10	32.85	-2.5

57 obs. associated

? OCT 06, 1992 04h 13m 22.38 ± 2.26s
8.208 N ± 18.7km 82.982 W ± 17.6km
DEPTH = 10.0km (geophysicist)
PANAMA-COSTA RICA BORDER REGION (80)

ACR	0.48	337	eP	13	31.33	-0.8
BUS	1.54	330	ePd	13	50.05	-0.3
OCR	1.68	316	eP	13	52.09	0.1
			eS	14	15.99	
LIO	1.79	358	ePd	13	54.59	1.1
			eS	14	17.58	
URSC	1.80	334	eP	13	53.74	-0.1
LCR2	1.83	327	ePc	13	54.52	0.2
SJS	2.02	328	ePc	13	59.16	2.1X
JCR	2.66	308	eP	14	06.69	0.5
MBC	70.83	351	eP	24	40.00	-0.8

S.D. = 0.8 on 8 of 9 obs.

OCT 06, 1992 04h 17m 18.30 ± 0.81s
40.352 N ± 6.3km 23.981 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.1 (THE).

PAIG	0.48	209	iPg	17	27.72	-0.4
			eSg	17	34.88	
SOH	0.67	315	iPg	17	31.04	-0.6
			eSg	17	40.84	
SRS	0.82	339	ePg	17	34.00	-0.2
			eSg	17	44.84	
THE	0.82	290	ePg	17	34.48	0.3
			eSg	17	45.32	
KNT	1.15	315	ePg	17	39.76	-0.1
			eSg	17	56.44	
LIT	1.17	258	ePg	17	40.16	0.0
			eSg	17	56.04	
VAY	1.44	313	iPn	17	45.40	0.9
RZN	1.45	22	iP	17	43.00	-1.7
ALN	1.66	70	ePb	17	48.52	0.9
			eSb	18	09.92	
VTS	2.31	346	eP	17	58.00	0.9

S.D. = 0.9 on 10 of 10 obs.

& OCT 06, 1992 04h 50m 55.01s
40.312 N 124.523 W
DEPTH = 9.6km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 3.5 (GM). Felt (III)
at Rio Dell.

FHC	0.64	40	ePc	51	07.60	-0.3
WDC	1.54	79	eP	51	20.97	-1.6
LBFM	2.25	62	eP	51	31.95	-1.1
NTYM	2.40	142	eP	51	31.90	-3.1
ORV	2.44	107	(P)	51	31.91	-3.7
ARN	3.77	141	eP	51	51.22	-3.3
BONR	5.38	114	(P)	52	14.08	-3.5
ISA	6.66	132	eP	52	33.81	-1.6

0.6s 6.43nm 4.8mb X
8 obs. associated

* OCT 06, 1992 05h 50m 40.95 ± 1.16s
32.548 S ± 6.7km 71.824 W ± 11.1km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

ROCH	0.80	122	iP+	50	56.90	0.2
			iS	51	07.04	
LCCH	0.95	167	iP+	50	59.12	0.1
			iS	51	10.96	
JACH	1.05	98	iP	51	00.62	-0.2
			iS	51	14.00	
PEL	1.13	122	iP+	51	02.05	-0.1
			iS	51	16.21	
TACH	1.33	146	iP	51	05.21	-0.3
			iS	51	21.20	
LNK	1.45	166	iP	51	06.10	-1.0
			iS	51	24.86	
FCH	1.51	122	iP+	51	07.87	-0.4
			iS	51	26.74	
PCH	1.53	135	iP	51	08.15	-0.3
			iS	51	27.75	
CHCH	1.69	145	iP	51	11.25	0.5
			iS	51	32.03	
CACH	1.87	147	iP	51	14.92	1.5
			iS	51	38.82	
CNCB	16.05	13	eP	54	29.00	0.1

S.D. = 0.7 on 11 of 11 obs.

OCT 06, 1992 06h 26m 31.17 ± 0.46s
32.462 N ± 8.5km 141.502 E ± 7.5km
DEPTH = 50.5km (3 depth phases)
4.5mb (16 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	4.89	327	iPc	27	43.20	-0.9
			iS	28	41.70	
YSS	14.57	3	eP	29	50.00	-5.7X
						4.4mb
	1.2s					
Z	15s					
N	15s					
E	15s					
MDJ	15.28	326	eP	30	04.60	-0.4
						4.2mb
	1.5s					
CN2	16.93	317	eP	30	26.00	0.1
						3.8mb
	1.0s					
Z	17s					
N	12s					
E	12s					
						4.5msz
SNY	17.05	308	Pc	30	27.60	0.2
Z	17s					
N	13s					
SSE	17.33	271	eP	30	16.00	-15.0X
Z	20s					
N	12s					
E	13s					
						33 48.00
PJG	19.04	170	e(P)	30	56.50	4.5X
GUA	19.09	170	e(P)	30	54.30	1.6
TIA	20.46	287	eP	31	06.80	-0.2
						4.7mszX
Z	14s					
N	15s					
BJI	21.73	298	eP	31	22.00	2.2
						4.2msz
Z	18s					
N	16s					
TIY	24.30	291	eP	31	46.40	1.3
						4.6mszX
Z	15s					
N	13s					
E	14s					
						35 58.00
HHC	25.34	298	P	31	55.60	0.6
						4.2msz
Z	20s					
8TO	26.46	297	eP	32	06.00	0.6
N	16s					
E	13s					
						36 40.00
XAN	27.23	282	eP	32	10.90	-1.5
						4.3mb
	1.2s					
Z	14s					
CIT	28.15	322	eP	32	15.00	-5.5X
YAK	30.53	349	eP	32	40.00	-1.6
						5.0mb
	1.0s					
BOD						

06d 06h

	1.5s	14.00nm	4.7mb	
Z	14s	0.87um	4.6MszX	
E	12s	1.30um		
MOY	35.10	315 eP	33 22.10	0.7
WMO	43.12	301 P	34 29.50	1.3
	1.5s	16.00nm	4.5mb	
Z	14s	0.52um	4.6MszX	
NRI	47.31	337 eP	34 59.00	-2.2
Z	16s	1.00um	4.9MszX	
	e		35 12.00	48km
	e		36 48.00	
GUN	47.84	280 P	35 04.16	-2.2
PKI	48.35	280 P	35 10.14	-0.1
KKN	48.38	280 P	35 09.12	-1.3
DMN	48.59	280 P	35 14.50	2.5
GKN	48.85	280 P	35 12.10	-1.8
PRZ	50.03	301 eP	35 22.50	-0.3
	1.4s	30.00nm	5.1mb	
KSH	52.46	297 eP	35 45.00	3.8X
WB2	52.56	188 eP	35 39.80	-2.0
	0.8s	5.60nm	4.6mb	
WRA	52.56	188 P	35 39.70	-2.1
	0.9s	2.70nm	4.3mb	
FRU	52.70	302 eP	35 43.00	0.2
	1.6s	20.00nm	4.9mb	
	e		35 56.00	47km
FBA	52.97	30 eP	35 46.90	2.5
	1.0s	6.50nm	4.6mb	
NDI	54.74	284 eP	35 59.00	1.1
ASPA	56.28	188 eP	36 10.50	1.5
HYB	58.27	271 eP	36 25.00	1.8
SVE	58.67	321 ePd	36 15.00	-10.5X
	Z	11s	0.40um	4.8MszX
	N	12s	0.30um	
	E	12s	0.40um	
NEW	73.38	43 eP	37 59.00	-0.6
	1.2s	11.36nm	4.7mb	
SES	75.63	39 eP	38 14.00	1.5
LRM	77.38	44 P	38 22.10	-0.5
NB2	78.43	338 P	38 27.70	-0.1
	0.9s	4.60nm	4.5mb	
HHA1	78.84	46 (P)	38 31.45	1.0
BW06	80.83	45 eP	38 43.40	2.1
	1.3s	5.46nm	4.3mb	
DAU	81.16	48 eP	38 42.69	-0.5
ARUT	81.26	51 eP	38 42.47	-1.1
MSU	81.67	50 eP	38 43.92	-1.9
SRU	82.38	48 eP	38 47.95	-1.5
PV10	83.75	48 eP	38 57.00	0.5
KSP	84.03	329 eP	38 58.40	1.1
	e		39 14.50	57km
CLL	85.09	330 eP	39 02.00	-0.7
GEC2	86.63	328 P	39 26.60	16.1X
	1.3s	2.37nm		
ZOBO	148.71	66 PKP	46 14.00	2.2X
Z	24s	1.13um	5.6MszX	
	LR		08 16.00	
LPB	148.88	66 ePKP	46 18.00	6.2X
	LR		08 08.00	
CNCB	149.14	67 PKP	46 16.70	4.3X
CCH	150.89	66 ePKP	46 20.00	5.4X
	S.D. = 1.4	on 45 of 56 obs.		
* OCT 06, 1992 07h 00m 10.27± 1.70s				
8.243 S ± 7.8km 80.064 W ± 17.4km				
DEPTH = 49.7 ± 12.9 km				
4.9mb (4 obs.)				
OFF COAST OF NORTHERN PERU (108)				
NNA	4.89	140 e(P)	01 24.50	1.2
	0.7s	20.55nm		
	e(S)		02 26.00	
VC1	7.73	12 P	02 03.70	0.2
ANTI	7.96	14 P	02 05.70	-1.0
GGP	8.15	10 P	02 10.60	1.3
YANA	8.21	11 P	02 09.20	-0.9
COTA	8.69	11 P	02 16.00	-0.8
ARE	11.69	135 eP	03 08.00	10.5X
ZOBO	14.13	126 P	03 29.90	-0.2
	1.0s	19.50nm	4.7mb	
	i		03 36.80	
LPB	14.29	126 eP	03 31.00	-1.0
	1.0s	60.00nm	5.1mb	
	i		03 39.00	
CNCB	14.54	127 P	03 41.80	6.4X
CCH	16.32	125 eP	03 59.00	1.0
SDV	19.44	29 eP	04 35.50	-0.4

YJA	19.70	136 eS	08 18.60	
TOV	20.63	30 eP	04 37.60	-1.4
	eS		04 47.50	-0.7
CAR	22.76	35 eP	09 06.20	2.4
	eS		05 12.00	
SES	64.30	339 eP	09 32.00	
LIC	76.19	82 P	10 43.00	0.2
TIC	76.27	81 P	11 54.90	-0.7
KIC	76.49	81 P	11 56.20	0.1
	0.8s	14.50nm	11 57.60	0.2
	0.8s		5.0mb	
MBC	87.42	351 eP	12 54.00	1.0
	1.0s	4.00nm	4.6mb	
WB2	136.04	230 ePKP	19 27.60	-1.0
	0.8s	3.00nm		
WRA	136.05	230 PKP	19 29.00	0.4
	0.8s	1.20nm		
S.D. = 1.1 on 20 of 22 obs.				
? OCT 06, 1992 07h 05m 54.80± 1.04s				
8.673 N ± 11.6km 83.203 W ± 10.1km				
DEPTH = 10.0km (geophysicist)				
COSTA RICA (78)				
MD 4.1 (SJR).				
ACR	0.04	119 eP	05 57.00	0.1
BUS	1.03	328 eP	06 14.70	0.1
	eS		06 37.22	
OCR	1.21	308 eP	06 17.10	-0.2
	eS		06 40.03	
URSC	1.29	334 eP	06 19.56	0.8
LCR2	1.32	323 eP	06 18.88	-0.5
LIO	1.33	7 eP	06 18.69	-0.7
	eS		06 43.00	
SJS	1.51	326 eP	06 23.23	1.2
	eS		06 49.91	
JCR	2.22	302 eP	06 31.53	-0.7
S.D. = 0.8 on 8 of 8 obs.				
? OCT 06, 1992 08h 02m 20.29± 1.37s				
43.167 N ± 21.0km 147.280 E ± 17.1km				
DEPTH = 33.0km (normol)				
4.2mb (3 obs.)				
KURIL ISLANDS (221)				
KUSJ	1.88	269 P	02 49.50	-1.2
HOJ	3.04	256 eP	03 08.40	1.2
	eS		03 46.60	
ASAJ	3.50	287 eP	03 16.40	2.7X
OFUJ	5.88	228 eP	03 43.10	-4.3X
	eS		04 44.90	
WRA	63.92	194 P	12 51.80	-0.3
	0.8s	0.30nm	3.4mb	
NB2	70.18	339 P	13 31.80	0.5
	0.6s	1.70nm	4.3mb	
HFS	70.26	337 eP	13 31.50	-0.2
	0.4s	2.60nm	4.6mb	
S.D. = 1.3 on 5 of 7 obs.				
* OCT 06, 1992 08h 11m 05.26± 1.55s				
43.065 N ± 8.6km 19.090 E ± 13.0km				
DEPTH = 10.0km (geophysicist)				
NORTHWESTERN BALKAN REGION (383)				
ML 2.1 (TTG).				
NKY	0.26	195 iPg	11 11.02	0.2
	iSg		11 15.97	
PLE	0.35	40 iPg	11 12.39	0.0
	iSg		11 18.09	
IVA	0.62	108 iPg	11 18.05	0.2
	iSg		11 27.80	
TTG	0.65	169 iPg	11 17.92	-0.3
	iSg		11 28.49	
PVY	0.80	126 iPg	11 20.89	0.0
	iSg		11 33.89	
S.D. = 0.3 on 5 of 5 obs.				
OCT 06, 1992 08h 57m 17.72± 0.27s				
38.422 N ± 5.6km 56.518 E ± 3.1km				
DEPTH = 10.0km (geophysicist)				
4.7mb (32 obs.) 4.8Msz (4 obs.)				
TURKMENISTAN-IRAN BORDER REGION (341)				
Felt (V) at Koro-Kolo; also felt				
at Ashgabat, Turkmeniston.				
KAT	0.80	346 eP	57 30.50	-2.7
	eS		57 41.50	

ASH	1.52	108 iPc	57 46.00	1.1
	iS		58 08.00	
MAIO	3.18	131 iPnc	58 09.20	0.4
	0.7s	95.30nm		
	eSn		58 53.00	
TEH	4.90	238 eP	58 36.00	2.7
BAK	5.49	293 iPd	58 43.00	1.5
	iS		58 38.00	
SHE	6.48	292 eP	58 56.00	0.5
	1.0s	160.00nm	5.9mb X	
	iS		00 05.00	
TAB	8.03	271 iP	59 16.50	-0.8
SHI	9.36	202 eP	59 37.00	1.2
ERE	9.48	284 iP	59 36.00	-1.4
	i		01 27.60	
MTA	9.56	294 eP	59 36.60	-1.8
GRO	9.57	304 iPc+	59 42.00	3.6X
	1.0s	160.00nm	6.4mb X	
N	12s	4.00um		
	eS		01 22.00	
AKH	10.45	291 eP	59 49.60	-1.2
BKR	10.50	292 iPc	59 51.00	-0.4
	1.2s	40.00nm	5.7mb	
	iS		01 49.00	
PYA	11.58	303 iP	00 05.00	-1.0
	1.0s	100.00nm	6.1mb X	
Z	14s	2.50um	4.7MszX	
N	14s	3.00um		
E	14s	2.00um		
	i		02 20.00	
FRU	14.43	67 eP	00 40.60	-3.4X
	eS		03 29.00	
KSH	15.18	80 P	00 48.30	-5.6X
	1.0s	150.00nm	5.3mb	
Z	12s	4.25um	4.4Msz	
N	10s	8.17um		
	sP		00 59.00	
	S		03 32.00	
ANN	15.73	300 eP	01 04.00	3.2X
	1.0s	30.00nm	4.5mb	
Z	18s	2.00um	5.3Msz	
N	18s	2.20um		
E	18s	2.00um		
TRHT	15.84	283 eP	01 02.00	-0.5
AAA	16.19	66 eP	01 09.50	2.7
Z	11s	3.50um		
	eS		04 11.00	
TLG	16.50	66 eP	01 07.40	-3.4X
CTK	16.88	285 eP	01 17.00	1.3
PRZ	17.13	69 eP	01 20.00	1.1
	1.6s	90.00nm	4.7mb	
HRI	17.60	259 eP	01 23.80	-0.9
KAS	17.70	287 eP	01 27.50	1.7
SIM	17.93	298 eP	01 30.00	1.4
Z	15s	1.20um		
	eS		04 52.00	
ARU	18.04	4 eP	01 30.00	0.1
	1.0s	250.00nm	5.3mb	
Z	12s	2.00um	5.5Msz	
N	12s	1.50um		
E	12s	2.00um		
	eS		04 37.00	
ADI	18.07	259 eP	01 28.90	-1.6
BBTK	18.48	282 eP	01 35.00	-0.6
SVE	18.60	7 iPc	01 37.00	0.2
	2.1s	140.00nm	4.8mb	
	eS		05 03.00	
SDOM	18.82	253 eP	01 40.70	1.1
CSS	18.90	267 eP	01 42.00	1.3
SGKT	18.99	284 eP	01 42.00	0.1
DVR	19.02	286 eP	01 40.00	-2.1
NDI	19.76	113 eP	01 48.20	-2.5
EYL	20.43	284 eP	01 53.00	-4.9X
SEM	20.66	47 eP	02 01.00	1.0
	1.9s	55.00nm	4.6mb	
	eS		05 40.60	
HRT	20.79	285 eP	02 02.50	1.0
YLV	21.03	284 eP	02 04.50	0.5
ELL	21.13	274 eP	02 06.40	1.3
OBN	21.42	328 iPc	02 07.50	-0.2

MOS	21.46	330	eP	02	08.00	0.0
	1.6s	180.00nm				5.2mb
Z	18s	1.00um				4.3Msz
		e	02	40.00		
		eS	06	02.00		
		eSS	06	52.00		
KIS	21.97	302	eP	02	18.00	4.8X
Z	12s	1.70um				4.7MszX
		i	02	25.00		
		iS	06	14.00		
IZM	22.89	279	eP	02	24.00	1.5
CLI	22.94	300	eP	02	11.50	-11.4X
VR1	23.21	298	ePc	02	09.50	-16.1X
UKR	23.50	49	eP	02	30.00	1.8
Z	11s	0.83um				4.5MszX
MLR	23.71	297	ePc	02	17.00	-13.6X
WMQ	24.01	67	P	02	33.40	-0.1
	1.0s	28.00nm				4.8mb
Z	10s	2.38um				5.0MszX
N	10s	2.13um				
		pP	02	37.50		15kmX
		sP	02	39.80		
NVS	24.46	39	eP	02	38.60	1.0
	1.1s	18.00nm				4.6mb
POO	24.91	138	eP	02	41.00	-1.3
MNK	25.09	318	eP	02	48.00	4.4X
Z	14s	1.20um				4.6MszX
ELT	25.25	44	eP	02	44.20	-0.9
	1.2s	30.00nm				4.9mb
GKN	25.63	106	P	02	40.50	-8.7X
LVV	25.75	307	eP	02	56.00	6.1X
Z	14s	1.70um				4.7MszX
DEV	25.87	298	ePc	02	59.00	8.0X
DMN	26.19	106	P	02	54.70	0.2
KKN	26.22	105	P	02	53.38	-1.4
PK1	26.44	106	P	02	56.56	-0.3
GUZ	26.62	104	P	02	58.56	0.0
UZH	26.62	304	eP	03	03.50	5.5X
SKO	26.91	289	iP	03	18.40	17.7X
		i	03	23.70		
PUL	27.07	331	ePd	03	20.00	18.1X
	1.4s	120.00nm				
Z	13s	1.00um				4.6MszX
N	13s	1.00um				
E	13s	0.60um				
		i	03	32.00		
		e	03	50.00		
		e	04	06.00		
PSZ	28.12	302	e(P)	03	30.30	18.6X
HYB	28.45	131	eP	03	20.40	5.5X
OJC	28.51	306	eP	03	17.40	2.3
		e	03	17.90		
		e	03	20.70		
UER	29.29	51	eP	03	18.50	-3.6X
	1.4s	15.00nm				4.6mb
NUR	29.79	328	eP	03	29.00	2.6
ZST	30.01	302	eP	03	33.20	4.6X
KAF	30.08	332	iPd	03	55.20	26.2X
	0.7s	6.90nm				
KSP	30.81	307	eP	03	34.20	-1.5
GBA	30.90	137	P	03	37.30	0.6
APA	31.93	343	eP	03	48.50	3.3X
BRG	32.29	307	eP	03	54.10	5.5X
	1.2s	15.00nm				4.8mb
		e	04	09.00		
GEC2	32.30	303	P	03	48.90	0.0
	0.7s	0.72nm				3.7mb X
KHC	32.40	303	eP	03	55.00	5.4X
	1.3s	6.00nm				4.4mb
N	20s	1.10um				
E	20s	0.50um				
		e	04	06.00		
		e	04	22.40		
SHL	32.42	103	eP	03	49.00	-1.2
CLL	32.93	307	e(P)	04	02.00	7.9X
		e	05	10.00		
GTA	33.47	74	eP	03	59.00	-0.1
	2.0s	27.00nm				4.8mb

				eS	09	34.00	
				e	14	33.00	
KEV	35.10	343	eP	04	18.00	5.3X	
NB2	35.95	324	P	04	19.70	-0.4	
	0.8s		6.10nm			4.5mb	
LPG	37.18	297	eP	04	33.40	2.5	
	1.2s		12.50nm			4.6mb	
LPL	37.19	297	eP	04	33.10	2.2	
	0.8s		5.25nm			4.4mb	
HAU	37.21	301	eP	04	29.60	-1.2	
Z	23s		0.15um			3.7MszX	
LZH	37.42	79	eP	04	32.50	-0.4	
	2.0s		30.00nm			4.7mb	
Z	17s		1.23um			4.8MszX	
E	12s		1.11um				
			pP	04	36.50	13kmX	
			sP	04	38.50		
			eS	10	18.00		
			eSS	12	45.00		
LBF	38.91	300	eP	04	44.30	-0.8	
	1.1s		12.95nm			4.5mb	
LOR	38.95	301	eP	04	44.40	-1.0	
	0.8s		5.25nm			4.3mb	
Z	23s		0.20um			3.9MszX	
SMF	39.04	300	eP	04	45.70	-0.5	
	1.3s		26.35nm			4.7mb	
SSF	39.22	300	eP	04	46.80	-0.8	
	0.9s		5.10nm			4.2mb	
CD2	39.22	86	eP	04	48.00	0.1	
	0.7s		20.00nm			4.9mb	
Z	15s		1.24um			4.9MszX	
E	12s		1.57um				
AVF	39.36	300	eP	04	48.30	-0.4	
	1.1s		22.95nm			4.8mb	
TCF	40.21	299	eP	04	55.50	-0.4	
	1.5s		42.30nm			4.9mb	
BOD	41.62	43	eP	05	06.20	-1.0	
	1.3s		17.00nm			4.6mb	
CHG	41.62	106	eP	05	06.00	-1.7	
XAN	42.03	79	eP	05	10.30	-0.7	
Z	14s		1.35um			5.0MszX	
E	12s		1.13um				
			S	11	32.00		
BDT	42.62	108	eP	05	16.00	0.2	
TIY	43.44	73	eP	05	26.60	4.1X	
Z	18s		0.97um			4.8Msz	
N	15s		1.38um				
GYA	43.49	91	P	05	23.00	-0.1	
	0.8s		12.00nm			4.7mb	
Z	20s		1.50um			4.9Msz	
N	18s		1.12um				
E	18s		1.28um				
TIA	47.48	73	eP	05	54.80	0.2	
Z	18s		1.29um			4.9Msz	
N	14s		0.84um				
YAK	49.25	37	eP	06	08.00	0.1	
YSS	60.86	51	eP	07	30.30	-2.1	
Z	16s		0.60um			4.8MszX	
N	16s		0.60um				
KIC	63.67	256	P	07	49.80	-1.8	
TIC	63.70	257	P	07	50.90	-1.0	
LIC	63.98	257	P	07	52.00	-1.6	
MBG	65.58	359	eP	08	04.00	0.8	
WRA	93.09	113	P	10	36.70	3.6X	
	0.7s		0.60nm			4.1mb	
WB2	93.10	113	eP	10	36.80	3.7X	
	0.7s		1.90nm			4.6mb	
S.D. = 1.3 on 78 of 109 obs.							
<hr/>							
%	OCT 06, 1992	09h					

```

19.102 S  $\pm$  61.3 km      69.430 W  $\pm$  14.9 km
DEPTH = 183.9  $\pm$  59.5 km
NORTHERN CHILE                      (123)

CNCB      2.66  31  iPd      55 25.20      -0.1
           i              55 57.80
LPB       2.85  27  P        55 27.90      0.5
ZOBO      3.06  24  iPd      55 29.80     -0.4
ARE       3.28 323  iPc      55 32.50      0.0
           iS             56 11.00
CCH       3.56  62  eP       55 36.00      0.0
           e              55 53.00
SIV       8.55  70  eP       56 41.00      0.0
           S.D. = 0.4 on 6 of 6 obs.

-----
OCT 06, 1992 10h 28m 22.92 $\pm$ 0.09s
5.425 S  $\pm$  2.6km 151.175 E  $\pm$  2.8km
DEPTH = 49.5km (geophysicist)
5.8mb ( 90 obs.) 5.8Msz ( 39 obs.)
NEW BRITAIN REGION, P.N.G.          (192)
Ms 6.1 (BRK). Mo=7.9 $\times$ 10 $^{+17}$  Nm
(PPT). Felt (II) at Rabaul.
Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=45 Slip= 90
NP2:      245      45      90
Principal Axes:
T                      Plg=90 Azm= 0
P                      0      155
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting. The preferred fault
plane is not determined.
RADIATED ENERGY
No. of sta: 15 Focal mech. M
Energy      1.2 $\pm$ 0.2 $\times$ 10 $^{+13}$  Nm
MOMENT TENSOR SOLUTION
Dep 48                      No. of sto: 22
Moment Tensor:      Scale 10 $^{+18}$  Nm
Mrr= 1.96           Mtt=-1.73
Mff=-0.23           Mrt=-0.17
Mrf= 0.06           Mtf=-0.54
Principal axes:
T Val= 1.97          Plg=86 Azm=217
N      -0.06          3      72
P      -1.91          2      342
Best Double Couple:Mo=1.9 $\times$ 10 $^{+18}$ 
NP1:Strike= 69 Dip=43 Slip= 86
NP2:      255          47      94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 94C
Centroid Location:
Origin Time      10:28:31.0 0.2
Lat 5.63S 0.02 Lon 151.58E 0.02
Dep 40.0 BDY Half-duration 2.6
Moment Tensor:      Scale 10 $^{+18}$  Nm
Mrr= 1.31 0.02      Mtt=-1.17 0.03
Mff=-0.14 0.04      Mrt= 0.40 0.05
Mrf=-0.04 0.05      Mtf=-0.70 0.03
Principal Axes:
T Val= 1.39          Plg=78 Azm= 31
N      0.18          10      245
P      -1.57          7      154
Best Double Couple:Mo=1.5 $\times$ 10 $^{+18}$ 
NP1:Strike=233 Dip=39 Slip= 74
NP2:      73          53      103

RAB       1.57  39  iPd-     28 53.50      4.5X
FINC      3.51 250  eP       29 22.60      6.0X
LAT       4.33 253  eP       29 35.60      7.4X
YYYY      5.24 261  eP       29 53.00     11.6X
           eS             31 04.60
MDG       5.37 272  eP       29 50.50      7.5X
MNDI      7.51 264  eP       30 12.00     -1.3
WWKK      7.74 283  eP       30 24.20      7.9X
SVO       9.33 114  eP       30 39.00      0.7
JAY      10.84 285  iPc      31 04.60      5.7X
           1.4s 30.00nm      5.2mb
           eS             31 32.00
CTA      15.34 198  iPd-     32 00.00      1.3
           2.1s 1000.00nm    5.6mb
           iPP            32 06.00
           iSP            32 16.00
           e(PP)          32 32.00

```


06d 10h

			i	33	57.00		TCY	35.73	303	ePd	35	22.00	1.6	KGM	48.37	278	eP	37	02.50	-1.1	
			iS	34	45.00		KKM	36.71	288	ePd	35	30.50	1.6		0.7s	845.40nm			6.9mb	X	
			i	34	56.00			0.6s	31.50nm				5.4mb	MRRJ	48.50	350	eP	37	04.00	-0.1	
			iPcP	37	16.00		CVP	36.99	309	ePc	35	35.40	4.4X	KUSJ	48.65	354	P	37	04.40	-0.8	
			i	37	30.00		AFI	37.44	106	e(P)	35	30.00	-4.9X	SAP	49.07	350	eP	37	10.00	1.5	
			i	43	08.00		COOL	37.91	224	eP	35	38.30	-0.4	MCO	49.33	174	eP	37	11.10	0.7	
			iScS	44	14.00			0.6s	152.00nm			6.1mb	ASAJ	49.91	352	P	37	15.20	0.2		
			i	44	42.00				e	35	52.00		WHN	50.20	318	Pc	37	20.00	2.6		
CTAO	15.34	198	iPd	32	00.19	1.5	TRT	38.35	264	ePc	35	28.00	-14.5X		1.0s	97.00nm			5.8mb		
QIS	18.78	216	iPc	32	43.20	1.4			e	41	20.00		Z	28s	11.20um			5.7MsZ			
GUA	19.84	342	eP	32	57.20	3.4X	SJI	39.21	264	ePd	36	03.00	13.3X	E	20s	4.92um					
	1.5s	9333.33nm			6.9mb	X	KLB	40.70	226	eP	36	01.00	-0.8			pP	37	35.00	57kmX		
			pP	33	11.30	68kmX		0.4s	92.00nm			5.9mb				eS	44	24.00			
			eS	37	44.50				e	36	14.00		KUR	50.52	357	eP	37	20.00	0.5		
GUMO	19.90	342	P	32	57.59	3.2X	MRWA	40.80	230	eP	36	02.50	-0.2		1.0s	370.00nm			6.4mb		
PJG	19.90	342	eP	32	57.50	3.1X		0.4s	73.00nm			5.8mb	Z	18s	5.90um			5.6MsZ			
BKM	20.65	128	iPc	33	04.50	2.2			e	36	06.00		N	18s	5.90um						
PVC	20.75	128	iPc	33	03.90	0.7	BAL	40.95	228	eP	36	03.50	-0.4	E	18s	3.00um					
RMQ	21.07	186	iPc	33	07.00	0.5		0.5s	133.00nm			5.9mb	PPI	50.93	274	eP	37	22.70	-0.6		
	1.0s	608.00nm			5.9mb				e	36	17.00			0.9s	189.80nm			6.1mb			
NMCC	21.14	345	eP	33	10.00	2.7	KAGJ	41.24	333	eP	36	09.50	3.3X	IPM	51.06	280	ePd	37	24.70	0.5	
WB2	21.82	227	eP	33	14.70	0.6	SNZO	41.46	153	P	36	04.20	-3.6X		0.8s	83.90nm			5.8mb		
	0.8s	575.30nm			6.0mb				(pP)	36	14.30	34kmX	DL2	51.90	331	iPc	37	31.00	0.9		
			eS	37	11.50				(sP)	36	29.00			1.0s	100.00nm			5.8mb			
WRA	21.83	227	P	33	14.89	0.7			PP	37	50.00		Z	25s	5.81um			5.5MsZ			
BRS	21.90	176	iPc+	33	15.00	0.2			(S)	42	12.00		N	17s	2.73um						
	1.0s	88.00nm			5.1mb				(SS)	45	35.00		E	17s	1.58um						
			i	33	20.00		TATO	41.79	318	ePc	36	13.40	2.6			pP	37	46.00	57kmX		
			i	33	25.00				ipPd	36	27.31	53kmX			PP	39	27.00				
			i	33	55.00				esP	36	32.52		TIA	52.27	325	Pc	37	33.70	0.6		
			i	34	08.00		MUN	42.03	227	eP	36	13.00	0.3		1.0s	100.00nm			5.8mb		
			iS	37	09.00			1.0s	980.00nm			6.5mb	Z	30s	11.90um			5.8MsZ			
			i	37	38.00				e	36	26.00		E	20s	6.36um						
			i	38	15.00		WKYJ	42.09	341	P	36	14.00	0.8			pP	37	49.00	58kmX		
			i	40	48.50		TKSJ	42.41	339	P	36	17.60	1.9			S	44	52.00			
OLP	22.06	197	eP	33	18.00	1.6	KUMJ	42.42	334	eP	36	18.20	2.4			ePc	37	35.03	-1.3		
			eS	37	24.70		KAKJ	42.68	347	P	36	18.90	1.0	YSS	52.75	353	ePc	37	35.03	-1.3	
DZM	22.18	140	iPc	33	18.30	0.5	CHJJ	42.81	345	P	36	18.50	-0.5		1.0s	50.00nm			5.5mb		
			iS	37	20.90		RKG	42.88	223	eP	36	20.20	0.6			ipPd	37	48.61	50kmX		
			ScP	40	50.90			0.4s	45.00nm			5.6mb			ed	37	58.04				
AAI	22.97	273	ePd	33	28.50	3.0X			e	36	33.00				e	38	46.00				
ASPA	24.61	221	iPc	33	42.50	1.1	TSRJ	43.17	342	P	36	23.20	1.2			ePPP	40	45.00			
	1.0s	881.80nm			6.2mb		SHK	43.41	338	eP	36	25.00	1.1			eS	44	53.00			
Z	23s	16.60um			5.5MsZ		MAJO	43.48	345	ePc	36	23.45	-1.0			eSS	48	31.00			
			e	33	56.60				ipPd	36	38.02	56kmX									
			eS	37	58.90				esPd	36	43.98										
			eScS	44	41.60		MAT	43.48	345	iPc+	36	23.30	-1.1	SNY	53.34	334	iPc	37	41.00	0.2	
			esScS	45	05.10			0.8s	52.99nm			5.3mb	Z	1.0s	36.00nm			5.4mb			
ARMA	24.87	179	iPc	33	44.80	1.0	Z	20s	6.38um			5.5MsZ	E	20s	10.40um			5.7MsZ			
	1.3s	489.00nm			5.9mb				eS	42	45.00				3.93um						
CMS	26.41	190	iPd	33	57.50	-0.5	MTMJ	43.62	344	P	36	25.40	-0.3			pP	38	03.00	89kmX		
			ipP	34	11.30	57kmX	SHNJ	43.67	336	eP	36	28.90	2.9			PP	39	47.00			
KUG	27.71	259	iPd	34	14.00	3.9X	YONJ	43.70	339	iPd	36	27.80	1.5			S	45	06.00			
			e	37	00.00		NIJJ	43.94	346	P	36	27.90	-0.2	ENH	53.41	314	ePc	37	42.63	1.1	
KUPT	27.71	259	iPd	34	14.00	3.9X	YAMJ	44.59	347	eP	36	34.00	0.6			ipPd	37	56.04	49kmX		
RIV	28.26	180	eP	34	16.00	1.2	OFUJ	45.15	350	eP	36	38.00	0.2	MDJ	53.46	341	ePc	37	41.40	-0.2	
			eS	39	20.00		HKC	45.50	309	iP	36	44.20	3.3X		0.9s	41.00nm			5.5mb		
BIP	28.32	298	eP	34	15.50	-0.1			eS	43	25.00		Z	35s	12.90um			5.7MsZ			
BWA	28.97	185	eP	34	21.10	-0.2	MCO	45.89	308	eP	36	47.20	3.3X	N	20s	3.14um					
			i	34	27.20		SSE	46.25	324	iPc	36	47.97	1.3	E	21s	3.31um					
			ipP	34	33.70			1.4s	230.00nm			5.9mb				ePdP	37	55.47	52kmX		
CGP	29.79	297	ePd	34	31.00	2.2	Z	25s	16.10um			5.9MsZ				S	45	08.00			
CNB	29.79	183	iPc	34	29.40	0.7	N	15s	2.40um					GYA	53.50	309	iPc	37	44.00	1.6	
	1.3s	175.00nm			5.6mb		E	17s	2.90um					1.2s	160.00nm			5.9mb			
			epP	34	42.50	51kmX			ipPd	37	02.62	56kmX		Z	34s	10.70um			5.7MsZ		
CAN	29.82	184	eP	34	29.00	0.1			isPd	37	08.83		N	18s	2.66um						
			i	34	36.10				S	43	29.00		E	18s	3.40um						
			ipP	34	41.50	48kmX	GZH	46.57	309	iPc	36	52.00	2.7			pP	37	59.00	56kmX		
			ipP	35	40.70			1.0s	430.00nm			6.3mb		LOE	53.84	296	eP	37	46.00	1.1	
PLP	30.84	302	ePd	34	39.00	0.9	N	19s	4.05um					CN2	54.22	337	Pc	37	47.40	0.1	
WSI	30.89	260	ePd	34	39.20	0.6	E	17s	3.70um						1.2s	170.00nm			6.0mb		
WARB	31.24	226	iPc	34	42.00	0.5			pP	37	07.50	60kmX		Z	26s	11.10um			5.8MsZ		
	0.3s	46.00nm			5.7mb		AOMJ	46.82	349	eP	36	52.30	1.3	N	14s	1.39um					
MAP	31.28	300	eP	34	42.00	0.1	OIZ	47.41	302	iPd	36	58.80	2.8	E	14s	0.84um					
ADE	31.57	200	iPc	34	45.00	0.6		1.0s	150.00nm			5.9mb				S	45	12.00			
TOO	32.41	188	iPd	34	52.30	0.6			3.01um					NST	54.71	293	eP	37	53.50	2.2	
			ipP	35	05.00	49kmX		N	15s	6.14um					55.53	328	iPc	37	57.23	0.4	
BFD	32.57	193	iPd	34	52.40	-0.6		E	19s						1.5s	86.00nm			5.6mb		
	0.4s	17.00nm			5.2mb				PP	38	52.00			Z	26s	8.99um			5.7MsZ		
			ipP	35	06.00	54kmX	HOOJ	48.12	352	eP	37	03.30	2.1	N	17s	3.45um					
MBL	34.17	240	eP	35	07.00	-0.1	NJ2	48.33	323	Pc	37	05.00	2.0			ipPd	38	11.14	51kmX		
TSM	34.63	286	eP	35	12.50	1.3		1.0s	56.00nm			5.5mb				ePP	40	00.00			
PGP	35.41	302	ePd	35	24.00	6.3X		N	20s	7.8											

KMI	E	14s	1.38um			SMY	61.11	16	(P)	38	34.03	-1.6				ipPd	40	17.20	47kmX			
			pP	38	16.00	58kmX	Z	21s	7.59um			5.8Msz				ePc	40	02.00	-2.0			
			PcP	38	56.00		DRV	61.63	185	iP	38	39.10	0.2				100.00nm		5.7mb			
			PP	40	05.00					S	46	53.00					eS	49	36.00			
			S	45	38.00					SS	51	24.00					P	40	07.50	1.2		
			ScS	47	40.00					SSS	54	05.00					iPd+	40	08.00	-0.7		
			SS	49	23.00		ADK	63.33	22	eP	38	50.10	-0.4				iS	49	46.00			
			ePc	38	02.40	1.5	GTA	65.02	318	iPc	39	02.50	0.5				i	50	12.00			
		56.00	305					1.2s		52.00nm			5.4mb				iPS	50	32.00			
		1.9s		260.00nm		5.9mb		Z	36s	7.34um			5.6MszX				eP	40	16.60	0.5		
TIY	N	16s	2.10um				E	15s	3.58um							SVW	78.02	23	eP	40	20.00	0.8
	E	20s	3.20um						pP	39	18.00	56kmX				NDI	78.64	301	eP	40	22.00	-1.2
			ipPd	38	15.31	46kmX			PP	41	26.00					BGL	79.41	24	eP	40	26.01	-0.8
			esP	38	21.02				S	47	39.00					CRP	79.51	24	eP	40	28.22	0.8
			S	45	45.00				SS	51	55.00					UKR	79.68	324	iP	40	28.00	-0.3
	56.04	323							iP	39	03.40	-0.2						102.00nm		5.6mb		
	1.0s		86.00nm		5.7mb				eS	47	44.00	6.1mb				Z	18s		2.06um		5.5Msz	
	Z	24s		11.60um		5.9MszX			eP+	39	02.00	-1.2				N	18s		1.74um			
	N	20s		5.70um					eS	47	44.00							eS	50	33.80		
			pP	38	25.00	97kmX				e	39	02.00					POO	79.77	290	iPc	40	16.80
HON			S	45	43.50				eS	47	36.00					SLKM	79.92	25	eP	40	27.93	-1.5
			sS	46	20.00				iPS	48	00.00					PAF	80.02	221	iP	40	36.00	5.8X
			SS	49	28.00				e	39	15.00							ePP	43	03.00		
	56.47	60	P	38	10.00	6.1X			e	39	36.00							eS	50	39.00		
	Z	21s		3.58um		5.4Msz			eS	47	36.00							eSP	51	27.00		
			ePc	38	06.90	0.5				iPS	48	00.00						eSS	55	42.00		
	56.80	297				5.5mb			iPd	39	13.90	0.2						eSSS	59	30.00		
	1.1s		56.33nm						e	39	36.00							eP	40	32.30	-0.6	
	KKH	57.60	63	ePc	38	11.20	-0.8	CSY	66.96	197	iPd	39	13.90	0.2				ePc	40	34.00	-0.7	
			epP	38	26.25	56kmX				e	39	36.00						iP	40	37.00	0.8	
HKL			eP	38	13.71	0.2	LSA	67.26	305	iPc	39	17.76	0.9									
			ePc	38	14.60	0.6				e	39	15.00										
			Pc	38	15.00	0.8				e	39	15.00										
	57.89	62							e	39	15.00											
	57.93	312							e	39	15.00											
	1.0s		130.00nm		6.0mb				e	39	15.00											
	Z	23s		11.10um		5.9MszX			e	39	15.00											
	E	14s		3.04um					e	39	15.00											
			pP	38	35.00	78kmX				e	39	15.00										
			PcP	39	05.00					e	39	15.00										
PET			PP	40	21.00				e	39	15.00											
			ScP	42	55.00				e	39	15.00											
			S	46	11.00				e	39	15.00											
	58.56	5	eP	38	17.00	-1.1			e	39	15.00											
	Z	20s		4.50um		5.6Msz			e	39	15.00											
	N	20s		4.30um					e	39	15.00											
	E	20s		2.50um					e	39	15.00											
			ePPP	41	59.00				e	39	15.00											
			eS	46	11.00				e	39	15.00											
			ePS	46	24.00				e	39	15.00											
MHC			Pc	38	19.60	0.6			e	39	15.00											
	58.62	325							e	39	15.00											
	1.0s		200.00nm		6.2mb				e	39	15.00											
	Z	22s		9.69um		5.9Msz			e	39	15.00											
			pP	38	34.70	56kmX				e	39	15.00										
			S	46	17.00					e	39	15.00										
			SS	50	08.00					e	39	15.00										
	AFR	58.89	107	iP	38	22.10	1.1			e	39	15.00										
	1.0s		55.00nm		5.6mb				e	39	15.00											
	PPT	59.08	107	iP	38	23.50	1.1			e	39	15.00										
1.0s		60.00nm		5.7mb				e	39	15.00												
PAE	59.09	107	iP	38	23.50	1.1			e	39	15.00											
1.0s		40.00nm		5.5mb				e	39	15.00												
PPN	59.22	107	iP	38	24.60	1.3			e	39	15.00											
1.0s		45.00nm		5.6mb				e	39	15.00												
BTO	59.34	324	iPd	38	24.50	0.6			e	39	15.00											
0.8s		65.00nm		5.8mb				e	39	15.00												
N	25s		6.86um					e	39	15.00												
E	20s		3.84um					e	39	15.00												
TVO	59.41	107	iP	38	26.10	1.4			e	39	15.00											
1.0s		85.00nm		5.8mb				e	39	15.00												
PMO	60.55	104	iP	38	33.80	1.4			e	39	15.00											
1.3s		195.00nm		6.1mb				e	39	15.00												
LZH	60.56	317	iPc	38	33.55	1.1			e	39	15.00											
Z	36s		7.59um		5.6MszX			e	39	15.00												
E	13s		1.00um					e	39	15.00												
		ipPd	38	47.13	49kmX			e	39	15.00												
		esPd	38	52.51				e	39	15.00												
		PP	40	49.00				e	39	15.00												
		S	46	44.00				e	39	15.00												
		SS	50	42.00				e	39	15.00												
VAH	60.82	104	iP	38	35.20	0.9			e	39	15.00											
1.3s		110.00nm		5.8mb				e	39	15.00												
TPT	60.82	104	iP	38	35.50	1.2			e	39	15.00											
1.3s		170.00nm		6.0mb				e	39	15.00												
HIA	60.95	337	iPc	38	34.68	0.0			e	39	15.00											
Z	28s		7.96um		5.7MszX			e	39	15.00												
N	17s		1.69um					e	39	15.00												
E	26s		6.19um					e	39	15.00												
		ipPd	38	48.18	48kmX			e	39	15.00												
RUV	61.05	104	iP	38	36.90	1.0			e	39	15.00											
1.3s		105.00nm		5.8mb				e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	15.00												
								e	39	1												

06d 10h

ORV	91.35	51	eP	41	26.57	0.1	PTI	98.39	48	eP	41	59.81	1.1	OJC	119.65	326	ePKP	47	09.80	-0.8
MIN	91.36	50	eP	41	22.02		MSU	98.55	52	iPc	42	00.26	0.6		0.8s	57.00nm				
MCW	91.39	41	iPc	41	26.46	0.0	SES	99.12	40	ePc	42	01.80	0.1				i	47	10.20	
			epP	41	41.69	52kmX		0.8s	41.00nm		6.0mb						e	47	11.90	
LLA	91.50	54	eP	41	28.31	1.1	DAU	99.25	50	ePc	42	02.75	-0.2				e	47	16.60	
SHW	91.51	44	ePc	41	27.77	0.5	NVL	99.31	193	eP	42	00.00	-2.2	ALN	119.70	314	ePKP	47	09.54	-1.5
PRJ	91.68	54	eP	41	29.45	1.3		Z 18s	3.00um		5.8msz			DEV	119.86	321	ePKPc	47	11.50	0.3
LON	91.86	43	ePc	41	27.64	-1.1			e	42	16.00			EEO	120.44	38	ePKP	47	14.00	1.7
			(pP)	41	40.89	44kmX			e	42	28.00		TUH	120.46	226	iPKPc	47	13.00	0.3	
PHAM	91.86	54	eP	41	30.47	1.6			e	42	38.00				0.5s	35.21nm				
RMW	91.94	43	iPc	41	29.02	-0.1			e	45	17.00		PSZ	120.75	324	ePKP	47	11.70	-1.2	
			epP	41	44.12	52kmX			e	47	43.00		GBTN	121.00	51	ePKP	47	11.27	-2.4X	
BCH	92.06	55	iPc	41	31.23	1.3			e	52	34.00		KSP	121.20	328	ePKPc	47	12.80	-0.8	
			epP	41	45.88	50kmX			e	53	27.00				1.0s	31.00nm				
CMB	92.08	52	eP	41	27.00	-2.9			e	54	42.00						id	47	13.80	
	Z 18s	7.00um			6.2msz		EMUT	99.60	51	ePc	42	04.50	0.1				e	47	28.50	
		eS	52	20.00					epP	42	19.95	53kmX		SRS	121.35	315	ePKP	47	12.54	-1.6
		e	52	46.00			TUC	99.66	58	ePDIFc	42	06.25	1.6	OUR	121.37	315	ePKP	47	12.70	-1.5
		ePPS	54	04.00				1.2s	10.98nm		5.3mb		BUD	121.48	324	e(PKP)	47	13.50	-0.7	
		eSS	58	43.00				Z 22s	2.95um		5.7msz		SOH	121.63	315	ePKP	47	12.74	-2.0	
		eLQ	06	16.00					ipPd	42	19.66	45kmX	SRO	121.72	324	iPKP	47	13.60	-1.0	
		eLR	10	20.00					S	55	04.28					i	47	28.50		
PKEM	92.12	54	eP	41	31.72	1.7	SRU	99.84	51	iPc	42	05.44	0.0				e(PP)	49	05.30	
VGB	92.46	45	eP	41	31.78	0.3			epP	42	20.36	51kmX	PAIG	121.74	314	ePKP	47	13.42	-1.5	
		epP	41	47.19	53kmX		ALQ	103.22	56	iPd iff	42	21.97	1.3	POF	121.79	231	iPKPd	47	14.00	-1.3
FRI	92.52	53	eP	41	32.18	0.3		1.3s	15.67nm		5.6mb				0.5s	21.13nm				
		eS	41	47.75				Z 19s	1.48um		5.5msz		KNT	121.82	316	ePKP	47	13.46	-1.6	
ABL	92.74	55	iPc	41	34.12	0.9			epP	42	36.61		VRAC	121.90	327	ePKP	47	14.70	-0.2	
		epP	41	49.44	53kmX				SP	55	38.97				1.0s	63.60nm				
MEMM	93.19	53	iPc	41	35.91	1.0	ANMO	103.22	56	ePd iff	42	22.99	2.3X	LWI	121.94	264	iPKPc	47	16.70	0.3
ISA	93.41	55	iPc+	41	36.11	0.0	GOL	103.80	51	ePd iff	42	23.80	0.6	VAY	121.98	316	iPKP	47	14.20	-1.1
	1.2s	92.32nm			6.1mb			1.1s	13.32nm		5.7mb				0.8s	79.00nm				
	Z 21s	5.37um			6.0msz			Z 21s	2.45um		5.7msz		GRG	122.24	316	ePKP	47	14.50	-1.4	
		epP	41	51.61	53kmX		GLD	103.91	51	Pd iff	42	30.00	6.4X	BRG	122.39	329	iPKPc	47	15.20	-0.6
BONR	93.71	52	iPc	41	38.21	0.5		Z 19s	1.62um		5.6msz				1.1s	75.00nm				
		epP	41	52.68	49kmX		RSSD	104.37	46	ePd iff	42	25.51	-0.1			Z 21s	3.00um			5.9msz
KVN	93.94	51	iPd	41	39.58	0.9		0.9s	15.31nm		5.9mb				N 21s	2.00um				
		epP	41	54.27	50kmX			Z 21s	1.78um		5.6msz				E 21s	2.00um				
SSK	93.95	56	iPc	41	39.24	0.5			epP	42	40.57						ipPKP	47	30.60	
		epP	41	54.52	52kmX		TAB	105.01	308	e(PKP)	46	54.00	10.6X				e	49	10.00	
PEC	94.37	57	iPc	41	41.19	0.7	OBN	108.35	327	ePd iff	42	55.00	12.3X	SKO	122.49	317	iPKP	47	16.00	-0.3
	1.3s	97.14nm			6.1mb		TUL	111.78	54	Pd iff	43	07.00	8.5X		1.0s	176.00nm				
		epP	41	55.59	49kmX		NUR	112.01	335	ePKP	46	55.00	-0.6				i	47	30.60	
DPW	94.40	42	ePc	41	40.25	-0.1	MNK	113.69	327	ePKP	46	56.00	-3.1X	LIT	122.52	315	ePKP	47	15.06	-1.4
MAIO	94.53	306	iPc	41	41.00	-0.3		Z 22s	4.90um		6.1msz		CLL	122.60	330	iPKP	47	15.70	-0.5	
		e	45	15.00					e	57	20.00				1.0s	45.00nm				
		eS	52	12.00					eSS	03	52.00				Z 22s	3.00um				5.9msz
TNP	94.57	52	iPc	41	41.83	0.2			eSSS	07	40.00						i	47	30.90	
	1.1s	91.69nm			6.1mb		MIAR	113.80	55	ePKP	47	00.15	0.2				ipKKP	57	24.80	
		epP	41	57.33	53kmX			Z 22s	2.54um		5.8msz		PRU	122.61	328	ePKP	47	15.70	-0.5	
PLM	94.58	57	iPc	41	42.75	1.0			epPKP	47	16.59				1.0s	19.30nm				
		epP	41	58.48	54kmX		HRI	114.17	304	ePKP	46	59.80	-1.1			Z 22s	3.20um			5.9msz
GSC	94.75	55	iPc	41	42.90	0.6	JFWS	114.43	45	ePKP	46	59.35	-1.6			N 24s	1.00um			
		epPd	41	57.30	49kmX		MZDA	114.87	302	ePKP	47	00.70	-1.3			E 22s	3.00um			
SVE	94.79	327	iPd	41	40.00	-1.9	OLY	115.31	53	ePKP	47	01.91	-0.9				pPKP	47	30.30	
	2.6s	100.00nm			5.8mb				epPKP	47	16.42						e	48	09.50	
		i	41	55.20			RMN	115.56	301	ePKP	47	02.00	-1.6				ePP	48	57.00	
		i	45	33.00			SLM	115.56	50	PKP	47	10.00	6.8X				ePKKP	57	12.50	
		eSSS	52	05.00				Z 19s	1.37um		5.6msz		MCWV	122.90	46	PKP	47	30.00	12.9X	
		e	54	20.00			FVM	115.58	50	ePKP	47	02.36	-0.9			Z 19s	2.51um			5.9msz
MBC	95.10	14	eP	41	42.50	-0.5		Z 22s	10.92um		6.4msz		AGG	123.05	314	ePKP	47	16.22	-1.3	
	1.0s	11.00nm			5.3mb				epPKP	47	17.19		NAV	123.07	49	ePKP	47	17.11	-0.5	
		pP	41	57.50	51kmX		SLR	116.56	238	iPKPc	47	03.80	-1.9				epPKP	47	32.38	
NEW	95.14	42	eP	41	43.09	-0.7	HFS	116.65	338	ePKP	47	02.90	-1.7	BLA	123.39	49	ePKPc	47	17.55	-0.7
	1.2s	66.67nm			6.0mb			0.5s	3.90nm							epPKP	47	33.37		
Z 21s		6.14um			6.1msz			Z 21s	1962.00um		8.7mszX		KHC	123.62	328	PKP	47	17.60	-0.7	
TPNV	95.28	53	iPd	41	45.63	0.8			LR	32	22.00				1.0s	41.00nm				
	0.9s	66.55nm			6.1mb		ELC	116.67	51	ePKP	47	04.15	-1.2			N 20s	1.60um			
	Z 21s	5.59um			6.0msz				epPKP	47	19.47				E 20s	3.10um				
		epP	42	00.51	51kmX		CLI	116.81	320	ePKPd	46	49.50	-15.9X				e	47	25.50	
ARU	95.91	326	eP	42	00.00	13.0X	NB2	116.94	339	PKP	47	04.40	-0.8				e	47	32.90	
	Z 22s	6.00um			6.0msz			0.8s	14.10nm								ePKKP	57	06.00	
	E 22s	5.00um					YLV	117.42	313	ePKP	47	05.50	-1.3	MOX	123.70	330	iPKP	47	17.90	-0.5
		e	45	45.00			VRI	117.43	320	ePKP	46	48.50	-18.1X			1.4s	44.00nm			
		e	54	20.00			KSR	117.68	237	iPKPd	47	08.50	0.6				i	47	33.10	
GLA	96.27	57	iPd	41	50.73	1.5	MLR	118.08	319	ePKPc	46	50.50	-17.5X	GEC2	123.72	328	PKP	47	18.30	-0.3
		epP	42	05.87	52kmX		ELL	118.10	309	ePKP	47	07.90	-0.4			0.8s	41.21nm			
YKA	96.73	28	eP	41	50.10	-0.5	BUL	118.12	244	iPKPc	47	09.70	0.9	SDA	123.76	318	ePKP	47	11.80	-6.9X
	0.6s	6.10nm			5.3mb			0.9s	31.93nm					HOF	123.78	330	ePKP	47	18.40	-0.2
ARUT	97.55	53	iPc	41	55.80	0.7			ipP	47	24.50		LACI	123.80	317	ePKP	47	14.50	-4.3X	
DUG	98.06	50	ePd	41	57.57	0.3			i	48	24.50		TIR	123.82	317	ePKP	47	14.20	-4.7X	
	1.2s	16.81nm			5.4mb		JAQ	118.63	30	ePKP	47	07.50	-1.1	WET	123.98	328	ePKP	47	18.50	-0.5

RSNY	124.25	38	ePKP	47	19.19	-0.5	MOF	127.75	330	PKP	47	25.48	-0.9	EGRA	135.48	330	ePKP	47	39.67	-1.4
Z	21s		2.38um			5.8msz	BBS	127.82	329	PKP	47	25.03	-1.5	ZOBO	135.53	120	PKP	47	28.10	-14.7X
GRF	124.50	330	ePKPc	47	19.70	-0.3	SOI	127.91	315	PKP	47	27.40	0.5		1.0s	60.75nm				
Z	26s		4.00um			6.0mszX	BSF	127.93	330	PKP	47	25.67	-1.1				i	47	42.80	
			e	47	34.30		MNS	127.99	321	PKP	47	25.10	-1.9				LR	32	56.00	
WIT	124.52	335	ePKP	47	21.00	1.2	TMA	127.99	327	iPKPd	47	26.40	-0.7	EBR	136.05	328	(PKP)	47	36.00	-6.2X
			e	47	36.00		HAU	128.03	331	ePKP	47	25.70	-1.2	ECRI	136.23	332	ePKP	47	39.96	-2.7X
VBY	124.73	323	ePKPd	47	20.50	0.0		1.0s	104.80nm					CCH	136.73	122	ePKP	47	33.00	-11.6X
PEL	124.82	137	ePKP	47	20.00	-1.2	FIR	128.06	324	ePKP	47	15.00	-12.0X	ETOR	137.37	330	ePKP	47	43.95	-1.0
BHG	124.83	327	ePKP	47	19.30	-1.4	VITF	128.06	331	PKP	47	26.01	-0.9	EMON	137.66	337	ePKP	47	45.77	0.4
CEH	124.86	50	ePKP	47	20.65	-0.4	VAI	128.20	327	PKP	47	26.00	-1.1	ECHE	137.71	328	ePKP	47	45.66	0.1
Z	22s		2.89um			5.9msz	LOMF	128.24	330	PKP	47	26.52	-0.8	SDV	138.39	83	ePKP	47	34.90	-12.8X
			ePKP	47	34.77		EMM	128.31	35	ePKP	47	26.21	-1.2	ERUA	138.45	336	ePKP	47	46.63	-0.2
KBA	124.95	326	iPKPc	47	19.30	-1.8	MMK	128.51	328	iPKPd	47	28.20	0.1	STS	138.60	337	ePKP	47	46.13	-0.9
	0.9s		47.00nm				BOB	128.51	326	PKP	47	27.40	-0.5	TOL	139.07	331	ePKP	47	48.70	0.7
WTS	125.04	334	ePKP	47	21.00	0.2	PII	128.53	324	PKP	47	26.40	-1.5				ePP	50	54.00	
			e	47	35.00		DIX	128.78	328	iPKPd	47	29.10	0.4	EALH	139.20	326	ePKP	47	48.37	0.1
EDU	125.07	343	ePKP	47	20.00	-0.8	EMS	129.04	328	ePKPd	47	29.00	-0.1	EVIA	139.22	328	iPKPc	47	44.98	-3.4X
	1.1s		109.00nm				LMN	129.07	32	ePKP	47	31.50	2.6X	EPLA	139.89	333	ePKP	47	50.47	1.0
CEY	125.09	324	ePKP	47	20.50	-0.8	ETA	129.34	342	ePKP	47	29.50	0.4	EBAN	140.25	329	ePKP	47	50.04	-0.1
VOY	125.24	325	ePKPd	47	21.00	-0.6	RTPR	129.36	137	e(PKP)	47	29.90	0.0	ENIJ	140.27	326	ePKP	47	41.60	-8.6X
RIY	125.33	324	ePKP	47	20.40	-1.3	CKI	129.38	326	PKP	47	28.30	-1.2	ECOG	140.79	327	ePKP	47	41.53	-9.8X
ELO	125.34	343	ePKP	47	20.30	-1.1	LPL	129.51	328	ePKP	47	29.10	-0.9	EGUA	141.12	327	iPKPd	47	45.73	-6.0X
FUR	125.42	328	iPKPc	47	21.20	-0.6		1.1s	53.50nm				EHOR	141.25	330	ePKP	47	44.77	-7.2X	
			i	47	36.60		LPG	129.51	328	ePKP	47	29.20	-0.9	SIV	141.64	124	ePKP	47	47.00	-6.3X
EBH	125.47	343	ePKP	47	20.30	-1.3		1.2s	67.85nm				MAL	141.65	328	iPKPc	47	51.00	-1.7	
ESY	125.48	342	ePKP	47	20.50	-1.2	LOR	129.75	331	ePKP	47	29.30	-0.8	EPRU	141.90	329	ePKP	47	46.66	-6.5X
	1.1s		91.00nm					1.1s	79.35nm				CAR	141.95	80	iPKPd	47	44.00	-10.0X	
TRI	125.49	324	e(PKP)	47	21.40	-0.6		Z	20s				EVAL	142.18	331	ePKP	47	46.40	-7.2X	
			e(PP)	49	16.00		ECB	129.79	343	ePKP	47	30.20	0.2	EJIF	142.42	328	iPKPd	47	49.06	-5.0X
			e(PPP)	51	56.00			1.2s	102.00nm				IFR	144.41	325	iPKPd	47	58.00	0.2	
			e(SKKP01)	00.00			ECP	129.83	342	ePKP	47	30.20	0.2	CUM	144.66	80	iPKP	47	54.50	-3.9X
			e(SS)	05	24.00			1.2s	340.00nm				NEV	144.99	68	ePKP	47	57.94	-1.0	
			e	11	48.00		BNI	129.85	328	PKP	47	29.80	-0.8	MGH	145.43	68	ePKP	47	59.57	-0.1
EBL	125.74	342	ePKP	47	21.40	-0.8	LBF	129.90	331	ePKP	47	29.50	-1.0	CPB	145.53	67	ePKP	47	59.84	0.0
EAB	125.76	343	ePKP	47	21.30	-0.9		1.3s	42.85nm				BPA	145.67	68	ePKP	47	59.40	-0.7	
WTTA	125.78	327	i(PKP)	47	22.10	-0.7	TCA	129.99	139	e(PKP)	47	32.00	0.8	AVE	145.85	327	iPKP	48	00.50	0.5
	1.0s		120.00nm				SSF	130.07	331	ePKP	47	29.90	-0.8				i	49	19.00	
EAU	125.80	343	ePKP	47	21.40	-0.9		1.0s	74.40nm				PAG	146.10	69	ePKP	48	01.64	0.8	
LVNJ	125.92	42	ePKPc	47	22.09	-0.9	PGF	130.12	324	ePKP	47	30.00	-1.1	MGG	146.46	69	ePKP	48	02.27	0.9
			ePKP	47	37.68			1.3s	211.55nm				DEG	146.60	69	ePKP	48	00.98	-0.7	
TBR	126.13	42	ePKP	47	23.08	-0.3	SMF	130.20	331	ePKP	47	30.10	-0.9	VAO	146.64	149	ePKP	48	02.20	0.6
			ePKP	47	38.31			1.0s	59.40nm							e	48	18.10		
EKA	126.14	342	PKPc	47	23.20	0.2	SBF	130.20	326	ePKP	47	29.80	-1.4				e	48	55.10	
	0.8s		27.80nm					1.2s	94.30nm				FDF	146.90	71	ePKP	48	04.75	2.6	
BNH	126.21	37	ePKP	47	22.85	-0.7	AVF	130.33	331	ePKP	47	30.10	-1.1	TCE	147.00	79	ePKP	48	04.00	1.7
			ePKP	47	38.53			1.3s	43.30nm				BIM	147.02	72	ePKP	48	04.37	2.0X	
PNJ	126.28	42	iPKP	47	23.70	0.0	LDF	130.54	335	ePKP	47	30.70	-0.9	SVB	147.10	74	ePKP	48	04.24	1.8
ENN	126.30	333	ePKP	47	23.50	0.1		1.1s	65.20nm				CRM	147.12	71	ePKP	48	03.83	1.4	
	1.0s		86.00nm				FLN	130.56	336	ePKP	47	30.60	-1.0	SVV	147.12	74	ePKP	48	04.67	2.2X
			e	47	38.50			1.3s	133.60nm				MVM	147.18	72	ePKP	48	04.33	1.7	
OGA	126.35	327	ePKP	47	23.30	-0.7	BGF	130.74	331	ePKP	47	31.30	-0.7	TPP	147.33	79	ePKP	48	05.50	2.7X
CTI	126.50	326	PKP	47	24.50	0.4		1.0s	62.40nm				TRN	147.34	79	ePKP	48	05.56	2.7X	
RTBS	126.53	136	ePKPd	47	25.50	1.1	SSB	130.81	329	PKP	47	32.28	0.0	TIO	147.53	324	iPKP	48	03.00	0.1
LANF	126.66	331	PKP	47	23.68	-0.5	FRF	130.84	326	ePKP	47	31.30	-1.0				e	48	20.80	
OSS	126.94	327	iPKPd	47	24.80	-0.2		1.0s	39.60nm				BAO	151.75	138	PKPd	48	10.00	0.2	
XDE	126.95	342	ePKP	47	24.50	0.0	GRR	131.01	336	ePKP	47	31.80	-0.6				e	48	16.00	
UCC	126.97	334	PKP	47	26.00	1.3		0.6s	18.50nm							e	48	31.10		
WLF	126.97	332	iPKPd	47	25.57	0.9	LMR	131.06	326	ePKP	47	31.80	-0.9				e	48	38.00	
			ic	47	40.41			1.3s	93.50nm							e	48	57.50		
TDS	126.98	317	PKP	47	25.10	0.0	LRG	131.06	326	ePKP	47	31.90	-0.8				e	49	01.10	
RTCB	127.08	137	iPKPc	47	26.00	0.3		1.2s	127.95nm							e	49	12.30		
SLE	127.12	329	iPKPd	47	24.60	-0.5	MAF	131.12	331	ePKP	47	32.20	-0.6				e	49	21.60	
HRV	127.15	39	PKP	47	30.00	4.7X		1.3s	43.30nm							e	49	26.80		
	Z	20s	2.41um			5.9msz	VAL	131.14	345	ePKP	47	32.00	-0.5				e	49	49.00	
WIN	127.18	236	iPKPd	47	26.80	0.6	TCF	131.24	332	ePKP	47	32.40	-0.6				e	49	52.90	
	0.9s		21.01nm					0.9s	50.45nm							e	50	04.00		
Z	21s		5.73um			6.2msz	LPF	131.36	335	ePKP	47	32.50	-0.6				e	50	15.10	
			i	47	41.50			1.0s	93.60nm							e	50	51.00		
SNF	127.21	334	iPKPd	47	25.00	-0.1	LSF	131.59	332	ePKP	47	32.90	-0.8				e	51	10.00	
ARV	127.21	323	PKP	47	25.10	-0.3		1.0s	35.00nm							e	51	21.00		
SGO	127.25	318	PKP	47	24.80	-0.7	MFF	132.09	334	ePKP	47	33.80	-0.8				e	51	36.20	
WLS	127.26	330	PKP	47	24.63	-0.8		1.0s	39.00nm							e	53	44.10		
FEL	127.29	330	PKP	47	24.52	-1.1	CAF	132.30	330	ePKP	47	34.30	-0.8	BDF	151.79	138	PKPd	48	10.80	1.0
CDF	127.30	330	PKP	47	24.18	-1.4		1.5s	38.15nm							e	48	16.90		
ZLA	127.36	329	iPKPd	47	25.00	-0.6	ARE	132.53	118	ePKP	47	33.00	-3.7X				e	48	25.70	
DOU	127.37	333	PKP	47	25.40	-0.1	LPO	132.91	331	ePKP	47	35.40	-0.8				e	48	31.00	
			e	49	21.00			0.9s	32.90nm							e				

06d 10h

				e	50	42.60	
				e	51	05.10	
				e	52	03.00	
				e	53	06.10	
				e	53	30.80	
				e	53	36.00	
				e	54	11.00	
				e	54	24.50	
KIC	156.03	273	PKP		48	15.20	-0.4
	1.1s		130.50nm				
TIC	156.30	274	PKP		48	15.62	-0.3
	1.2s		118.00nm				
LIC	156.31	273	PKP		48	15.52	-0.4
	1.2s		130.00nm				
MBO	165.31	308	iPKPc		48	23.50	-1.8
	S.D. = 1.0 on 405 of 477 obs.						
<hr/>							
%	OCT 06, 1992	11h 00m			19.12± 2.23s		
	31.371 S ±16.5km				68.573 W ±14.9km		
	DEPTH = 107.6 ± 22.8 km						
	SAN JUAN PROVINCE, ARGENTINA						(137)
RTCB	0.23	239	iPc		00	34.00	-0.9
			S		00	46.00	
CFA	0.37	130	eP		00	35.50	0.3
			S		00	47.00	
RTBS	0.81	249	iPc		00	39.20	0.8
			(S)		00	54.10	
RTPR	2.07	60	ePc		00	53.30	-0.1
			S		01	18.40	
MRA	2.65	114	e(P)		01	01.80	0.8
RFA	3.39	179	ePc		01	10.70	-0.5
			S		01	49.30	
TCA	3.41	90	e(P)		01	11.00	-0.4
			i		01	42.00	
			e		01	48.30	
	S.D. = 0.9 on 7 of 7 obs.						
<hr/>							
*	OCT 06, 1992	11h 01m			52.91± 1.98s		
	61.617 N ± 9.9km				4.307 E ±14.9km		
	DEPTH = 10.0km (geophysicist)						
	SOUTHERN NORWAY						(535)
	MD 2.3 (BER).						
FOO	0.35	93	eP		01	59.81	-0.4
			eS		02	03.25	
SUE	0.60	159	eP		02	05.29	0.2
			eS		02	13.33	
HYA	1.01	116	eP		02	12.21	0.2
			eS		02	24.54	
ASK	1.22	159	eP		02	16.00	0.5
			eS		02	32.21	
BER	1.34	158	eP		02	17.41	-0.1
			eS		02	34.72	
EGD	1.42	161	eP		02	19.34	0.6
			eS		02	37.23	
MOL	1.80	56	eP		02	24.39	0.2
			eS		02	46.70	
ODD1	2.06	145	eP		02	27.64	-0.3
			eS		02	52.16	
KMY	2.46	169	eP		02	32.66	-1.0
			eS		03	01.63	
NRA0	3.61	101	Pg		02	56.87	6.8X
			Sg		03	41.72	
	S.D. = 0.6 on 9 of 10 obs.						
<hr/>							
&	OCT 06, 1992	11h 38m			04.20s		
	37.072 N				121.913 W		
	DEPTH = 10.0km						
	CENTRAL CALIFORNIA						(39)
	<BRK>. ML 2.5 (BRK).						
GCC	0.08	238	iPc		38	06.72	0.1
			eS		38	08.43	
MHC	0.35	39	iPc		38	11.49	0.1
			iS		38	16.73	
SAO	0.48	129	eP		38	12.98	-1.1
PCC	0.57	319	iPd		38	15.01	-0.7
			eS		38	24.39	
BKS	0.84	342	iPc		38	20.04	-0.4
			eS		38	31.90	
PRS	0.86	149	iPc		38	20.03	-0.7
			eS		38	31.95	
LLA	0.90	120	eP		38	20.57	-0.9
			eS		38	33.85	
ZSP	0.91	343	iP		38	21.42	-0.2
			eS		38	34.46	

PRI		1.37 132 eP		38 29.63		0.2		AUI		1.14 41 iPc		19 30.91		-1.1	
		9 obs. associated								eS		19 47.95			
% OCT 06, 1992 12h 44m 26.95 ± 0.53s								AUW		1.15 39 iPc		19 31.24		-0.9	
39.363 N ± 4.6km								AUH		1.16 40 iPc		19 31.33		-0.9	
DEPTH = 10.0km (geophysicist)								AUP		1.17 40 ePc		19 31.43		-0.9	
TURKEY (366)								AUL		1.18 39 ePc		19 31.48		-0.9	
								AUE		1.18 41 eP		19 31.46		-0.9	
								SYI		1.32 84 eP		19 33.13		-0.9	
								OPT		1.45 36 iPc		19 34.44		-1.2	
KCT	0.95	21	iPg	44	44.50	-0.5									
EDC	0.98	358	iPg	44	45.50	-0.1		KDC		1.47 119 ePc		19 34.24		-1.6	
			iSg	44	59.50			INW		1.83 29 iPd		19 38.59		-1.8	
BNT	0.99	0	iPn	44	46.00	0.2		INE		1.84 30 eP		19 38.94		-1.6	
			eSg	44	58.50			RED		2.22 28 iPd		19 43.65		-1.8	
Izm	1.09	208	iPn	44	47.30	-0.2									
EZN	1.31	291	iPn	44	51.30	0.1		RS1		2.26 28 iPd		19 44.38		-1.7	
KHL	1.63	129	ePn	44	56.00	0.2		RS2		2.26 28 iPd		19 44.39		-1.8	
YLV	1.64	42	ePn	44	55.50	-0.5		RSO		2.26 28 iPd		19 44.38		-1.8	
CTT	1.82	12	ePn	44	59.00	0.4		RDW		2.27 27 iPd		19 44.31		-1.9	
HRT	1.98	42	ePn	45	01.00	0.1		REF		2.30 28 iPd		19 44.73		-1.9	
EYL	2.10	54	ePn	45	03.00	0.3									
S.D. = 0.4 on 10 of 10 obs.								RDN		2.31 27 ePd		19 44.93		-1.7	
OCT 06, 1992 14h 11m 31.51 ± 0.85s								NCT		2.31 25 eP		19 44.69		-2.0	
8.824 N ± 5.6km								DFR		2.39 27 ePd		19 45.67		-2.1	
DEPTH = 60.6 ± 9.4 km								RDT		2.45 30 ePd		19 46.35		-2.1	
4.8mb (10 obs.)								SVW		2.66 352 ePd		19 48.60		-2.6	
MINDANAO, PHILIPPINE ISLANDS (259)								BKG		2.91 26 iPd		19 52.52		-2.2	
MAP	1.94	40	iPd	12	02.00	-0.6		NKA		2.93 38 eP		19 54.57		-0.2	
			iS	12	25.00			CKL		3.01 24 iPd		19 53.99		-2.0	
CGP	1.99	101	ePd	12	05.00	1.7		CKT		3.04 25 iPd		19 54.29		-2.2	
			eS	12	28.00			BGL		3.06 23 eP		19 54.47		-2.2	
PLP	3.22	44	ePd	12	20.80	0.1		SPU		3.06 27 iPd		19 54.01		-2.6	
			iS	12	46.80										
PGP	4.96	340	ePc	12	45.00	-0.2		CKN		3.07 25 eP		19 54.92		-1.8	
			eS	13	28.00			CRP		3.11 25 ePd		19 54.84		-2.6	
TSM	6.59	227	iPd	13	06.90	-1.1		SLKM		3.13 48 eP		19 55.28		-2.3	
	0.3s	154.70nm			6.0mb X			SEW		3.23 58 eP		19 56.73		-2.1	
KKM	7.02	247	ePd	13	13.50	-0.6		NCG		3.24 24 eP		19 57.06		-2.0	
	0.9s	158.00nm			5.7mb X			MPA		3.46 52 eP		19 59.31		-2.7	
IPM	21.95	260	eP	16	23.90	2.1		SUA		3.64 33 eP		20 01.65		-3.0	
SSE	22.20	357	Pd	16	25.00	0.9									
	1.2s	39.00nm			4.7mb			PTE		3.81 49 eP		20 03.58		-3.2	
NJ2	23.39	352	Pc	16	37.50	1.9		PMS		3.86 42 ePd		20 04.60		-2.9	
CHG	25.10	296	eP	16	53.00	0.7		SKT		3.89 24 ePc		20 05.04		-2.8	
XAN	28.12	335	eP	17	18.50	-1.4									
WRA	30.79	158	P	17	43.00	-0.8		PWA		4.05 36 eP		20 07.20		-2.8	
	0.5s	1.80nm			4.1mb			KNIM		4.11 60 eP		20 07.49		-3.3	
WB2	30.80	158	iPd	17	42.70	-1.1		PLRM		4.25 40 eP		20 08.71		-4.0	
	0.5s	6.60nm			4.6mb			PMR		4.25 40 ePd		20 07.95		-4.8	
			iPcP	19	27.60										
BJI	31.63	350	eP	17	49.50	-1.4		SDN		4.40 227 (P)		20 13.26		-1.5	
	1.3s	24.00nm			4.8mb			GHO		4.45 40 ePc		20 11.30		-4.3	
LZH	32.13	330	eP	17	55.50	0.0		MID		4.53 74 eP		20 14.40		-2.2	
	1.4s	29.00nm			4.9mb			GLI		4.62 55 eP		20 14.22		-3.7	
			pP	18	14.50	81kmX		SML		4.67 42 ePc		20 14.49		-4.1	
			sP	18	19.00			FID		4.84 58 eP		20 16.40		-4.5	
ASPA	34.09	162	iPd	18	12.80	0.3		SCM		5.05 45 eP		20 19.76		-4.1	
	0.5s	13.30nm			5.1mb			VLZ		5.07 55 eP		20 20.18		-3.8	
WARB	35.01	174	eP	18	20.00	-0.3		KLU		5.42 52 eP		20 24.80		-4.1	
MDJ	36.15	8	eP	18	28.70	-1.1		RAGM		5.55 66 eP		20 27.16		-3.6	
	1.5s	23.00nm			4.9mb			TOA		5.65 46 iPc		20 28.80		-3.4	
GTA	36.71	330	eP	18	35.00	0.3		HMT		5.74 67 eP		20 29.78		-3.5	
	1.6s	9.00nm			4.5mb			RND		5.75 28 eP		20 28.76		-4.7	
			PcP	20	56.50			SDG		6.14 45 eP		20 35.07		-3.8	
BRS	46.30	142	iPc	19	52.50	-0.7		GLB		6.30 57 eP		20 37.66		-3.4	
			i	20	05.00			CROM		6.38 64 iPc		20 38.80		-3.5	
ARMA	47.89	146	P	20	05.30	-0.4		SNH		6.40 69 ePc		20 39.21		-3.1	
	0.7s	6.00nm			4.7mb			WAX		6.45 67 iPc		20 39.31		-3.7	
BWA	49.43	152	eP	20	19.00	1.5		PAX		6.45 42 eP		20 38.49		-4.6	
CAN	50.43	152	eP	20	25.50	0.4		TGL		6.53 64 eP		20 40.71		-3.5	
KSH	51.62	314	eP	20	36.00	1.7		WRH		6.83 26 eP		20 42.49		-5.7	
YAK	53.34	4	iPd	20	44.50	-1.9		BALM		6.83 63 eP		20 44.88		-3.5	
	1.2s	45.00nm			5.4mb			MLY		6.86 15 eP		20 43.70		-4.9	
ZOBO	167.07	126	PKPc	31	33.00	0.0		YAH		6.97 69 ePc		20 47.31		-3.0	
S.D. = 1.2 on 26 of 26 obs.								CCB		7.04 26 eP		20 45.42		-5.7	
								FBA		7.26 25 eP		20 48.22		-5.9	
& OCT 06, 1992 14h 19m 09.10s										0.6s		8.24nm		4.5mb X	
58.486 N								CTGM		7.29 64 eP		20 51.77		-2.9	
DEPTH = 108.3km								GLM		7.43 25 eP		20 50.82		-5.6	
3.8mb (1 obs.)								IMA		7.63 4 eP		20 55.47		-3.8	
ALASKA PENINSULA (12)										0.8s		2.85nm		3.9mb X	
<AEIC>.								PCA		7.67 72 eP		20 56.79		-2.9	
								BCPM		7.97 73 eP		21 00.58		-3.1	
								PNL		8.07 75 ePc		21 01.70		-3.4	
								HON		8.33 77 ePc		21 04.96		-3.7	
								SIT		10.55 89 (P)		21 34.34		-4.0	
MCNL	0.76	22	iPc	19	27.07	-1.0									
CDD	0.79	55	iPc	19	27.55	-0.8									
			eS	19	42.29										

YKA 20.00 61 eP 23 30.50 -4.4
0.5s 2.50nm 3.8mb
79 obs. associated

OCT 06, 1992 14h 45m 28.51±0.45s
24.194 S ± 4.7km 66.971 W ± 8.8km
DEPTH = 208.8 ± 8.9 km
SALTA PROVINCE, ARGENTINA (129)

SLA 1.45 112 iPd 46 03.00 0.8
S 46 29.70
YJA 2.43 34 iPd 46 13.00 0.0
ANT 3.19 278 iP+ 46 22.00 0.8
S 46 58.50
CYA 4.36 166 eP 46 37.00 1.3
CCH 6.82 7 P 47 06.60 -0.9
CNCB 7.41 352 iPd 47 16.60 1.1
S 48 37.00
TCA 7.42 164 iP 47 15.00 -0.2
i 47 16.90
i 48 36.00
CFA 7.47 188 e(P) 47 15.10 -0.7
LPB 7.69 352 P 47 20.10 0.9
S 48 40.00
ZOBO 7.94 352 iPd 47 22.30 -0.3
S 48 50.90
MRA 8.26 173 ePd 47 25.60 -0.4
ARE 8.78 330 eP 47 32.00 -1.1
S 49 04.00
SIV 9.86 35 iPd 47 45.20 -1.6
RFA 10.62 187 ePc 47 55.20 -1.4
VAO 18.37 90 eP 49 30.10 -0.2
BAO 19.75 68 Pd 49 45.10 0.6
e 49 47.00
e 49 49.00
e 49 52.60

WB2 131.46 207 ePKP 04 21.20 3.0X
0.3s 4.30nm
WRA 131.47 207 PKP 04 21.80 3.6X
0.4s 1.70nm
GBA 144.81 101 PKP 04 44.00 1.4
GKN 154.25 75 PKP 05 00.00 3.0X
S.D. = 1.1 on 17 of 20 obs.

OCT 06, 1992 14h 49m 12.77±0.88s
31.177 S ± 10.2km 68.891 W ± 7.8km
DEPTH = 117.8 ± 11.5 km
SAN JUAN PROVINCE, ARGENTINA (137)
MD 4.1 (SAN).

RTCB 0.32 166 ePd 49 30.00 -0.1
ZON 0.41 154 iPd 49 29.40 -0.9
eS 49 40.40
CFA 0.70 128 iPc 49 32.10 -0.1
S 49 43.00
MDZ 1.70 179 iP 49 44.30 1.4
S 50 07.50
JACH 2.09 224 iP 49 48.87 1.1
S 50 16.38
RTPR 2.23 68 ePd 49 49.80 0.4
(S) 50 05.50
FCH 2.45 209 iPd 49 53.98 1.2
S 50 24.64
PEL 2.48 217 iP 49 52.82 -0.1
S 50 23.33
ROCH 2.54 225 iPd 49 53.73 -0.1
S 50 24.53
PCH 2.80 209 iP 49 57.74 0.7
S 50 32.02
MRA 2.98 115 e(P) 49 59.20 -0.1
S 50 28.00
TACH 3.02 214 iPd 49 59.42 -0.5
S 50 34.61
CHCH 3.13 208 iP 50 01.68 0.3
S 50 38.52
LCCH 3.22 224 iP 50 01.98 -0.7
CACH 3.27 206 iPd 50 03.97 0.6
S 50 42.65
LNV 3.49 217 iP 50 04.36 -1.9
S 50 43.90
RFA 3.60 174 iPc 50 06.70 -1.2
TCA 3.69 94 iP 50 09.00 0.0
(S) 50 48.00
CYA 3.83 45 eP 50 11.00 0.1
S 50 54.00
S.D. = 0.9 on 19 of 19 obs.

? OCT 06, 1992 14h 52m 37.72±3.70s
39.790 N ± 14.4km 21.026 E ± 29.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.1 (THE).

FNA 1.03 15 ePg 52 57.30 0.1
eSg 53 12.20
LIT 1.17 74 ePb 53 00.00 0.5
eSb 53 15.68
AGG 1.27 127 ePb 53 01.46 0.2
eSb 53 18.80
OUR 2.33 76 ePn 53 15.96 -0.7
S.D. = 0.9 on 4 of 4 obs.

* OCT 06, 1992 14h 55m 20.31±1.01s
21.204 N ± 15.9km 77.284 E ± 20.0km
DEPTH = 33.0km (normal)
SOUTHERN INDIA (314)

POD 4.18 231 ePg 56 23.50 0.0
iSg 57 08.50
GBA 7.56 179 P 57 11.00 0.0
S 58 28.00
GKN 9.51 43 P 57 37.70 -0.6
DMN 9.56 47 P 57 44.40 5.4X
PKI 9.74 48 P 57 40.80 -0.8
KKN 9.80 46 P 57 43.60 1.4
GUN 10.28 48 P 57 55.20 6.2X
S.D. = 1.2 on 5 of 7 obs.

OCT 06, 1992 15h 14m 52.60±0.23s
51.139 N ± 5.7km 177.913 W ± 2.7km
DEPTH = 33.0km (normal)
5.2mb (52 obs.) 4.5Msz (18 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
Felt (IV) on Adok.

ADK 1.07 45 iPc 15 10.92 -0.4
SMY 5.19 291 eP 16 16.69 6.8X
SDN 11.24 61 eP 17 31.57 -2.3X
PET 14.52 287 eP 18 14.00 -3.3X
Z 20s 1.40um
SVW 15.85 42 (P) 18 35.20 0.5
1.2s 346.07nm 5.4mb
KDC 16.13 56 eP 18 39.60 1.4
TTA 16.67 37 eP 18 47.60 2.6
ILT 16.82 359 iPd 18 45.40 -1.4
Z 16s 2.30um
N 16s 1.40um
E 18s 1.30um

BGL 17.32 44 eP 18 54.30 1.0
CRP 17.43 45 eP 18 55.70 1.1
SPU 17.44 45 eP 18 56.32 1.7
SLKM 18.03 48 eP 18 59.39 -2.6X
PMS 18.58 46 eP 19 09.30 0.6
IMA 19.37 30 ePc 19 17.44 -0.8
1.3s 102.64nm 4.9mb
KLU 20.33 47 eP 19 26.26 -2.1X
TOA 20.39 45 eP 19 30.90 1.9
FBA 20.80 37 eP 19 30.71 -2.3X
1.3s 52.64nm 4.8mb
BALM 21.90 49 eP 19 43.54 -0.8
KUR 23.42 269 eP 20 00.50 1.3
SIT 25.33 60 P 20 30.00 12.5X
Z 19s 1.20um 4.4Msz
YSS 25.90 276 eP 20 24.10 1.2
1.1s 20.00nm 4.6mb
i 20 33.00
e 21 22.70
e 26 02.00

KUSJ 26.44 267 eP 20 27.30 -0.6
ASAJ 27.23 271 eP 20 35.20 0.0
YAK 29.98 312 eP 20 57.20 -2.5
1.5s 23.00nm 4.8mb
e 22 17.00
HON 33.59 145 P 21 40.00 8.3X
Z 20s 0.71um 4.4Msz
MBC 33.62 22 eP 21 31.50 0.0
1.0s 4.00nm 4.3mb
MAT 34.30 262 eP 21 38.00 0.2
1.6s 60.00nm 5.3mb
YKA 34.99 46 eP 21 41.80 -1.6
1.0s 11.70nm 4.8mb
MDJ 35.16 280 eP 21 43.80 -1.2
GMW 35.39 74 eP 21 48.14 1.2
BMW 35.61 76 eP 21 49.75 0.8

RMW 36.02 73 eP 21 52.44 0.1
LON 36.35 74 eP 21 55.29 0.2
SHW 36.35 75 eP 21 57.08 1.8
VGB 37.57 76 eP 22 06.01 0.6
DPW 37.99 71 eP 22 08.93 0.1
CN2 38.14 282 eP 22 10.30 0.2
1.0s 12.00nm 4.7mb
Z 20s 1.21um 4.7Msz
N 12s 0.59um
E 12s 0.42um

eP 22 18.00 26kmX
eS 28 08.00
NEW 38.45 70 iPd 22 12.80 0.1
BOD 38.47 307 eP 22 13.80 1.1
1.2s 21.00nm 4.8mb

LBFM 39.09 82 eP 22 19.04 0.7
WDC 39.12 83 P 22 30.00 11.7X
Z 21s 0.50um 4.3Msz
SNY 40.37 280 Pc 22 26.60 -2.0
1.6s 41.00nm 4.9mb

SES 40.97 64 eP 22 33.00 -0.5
1.1s 95.00nm 5.4mb
CIT 41.13 299 eP 22 35.00 0.2
ARN 41.66 87 eP 22 39.83 0.5
CMB 41.96 85 eP 22 42.07 0.2
1.3s 21.81nm 4.7mb

Z 20s 0.68um 4.5Msz
LCCM 42.76 70 eP 22 47.80 -0.6
BONR 43.32 84 ePc 22 53.89 0.7
HHA 43.85 74 eP 22 58.24 1.0
TNP 43.92 83 eP 22 58.23 0.3
0.9s 13.83nm 4.7mb

PTI 44.09 74 eP 23 00.46 1.2
HVU 44.47 76 iPc 23 02.72 0.4
ISA 44.63 86 eP 23 02.57 -1.0
0.9s 8.60nm 4.6mb
Z 18s 0.43um 4.4Msz

NR1 44.70 330 ePd 23 03.00 -0.6
2.0s 63.00nm 5.1mb
e 23 13.00
e 24 45.00

TPNV 45.22 83 eP 23 08.56 0.1
0.8s 10.65nm 4.8mb
DUG 45.38 77 eP 23 09.72 0.1
1.3s 53.48nm 5.3mb

BW06 45.85 73 iPc 23 13.19 -0.2
1.0s 70.50nm 5.5mb
GSC 45.91 86 eP 23 14.33 0.5
BJI 45.97 283 eP 23 14.50 0.5
Z 20s 0.66um 4.6Msz
N 14s 0.41um

eP 23 23.50 30kmX
eS 30 00.00
e 24 45.00

IRK 46.00 303 ePd 23 24.80 10.6X
Z 16s 0.52um 4.6MszX
N 15s 0.62um
E 16s 0.42um

e 23 36.20
e 25 06.00
DAU 46.20 76 ePc 23 16.69 0.4
PEC 46.60 87 (P) 23 19.02 -0.1

MSU 46.79 79 ePc 23 20.76 -0.1
PLM 47.14 88 ePc 23 23.58 -0.1
SRU 47.44 77 ePc 23 25.85 -0.1
ZAK 47.55 302 iPd 23 26.50 0.1
1.7s 58.00nm 5.3mb
Z 18s 0.82um 4.7Msz
E 15s 0.77um

TIA 47.75 278 eP 23 27.90 -0.2
N 15s 0.79um
MOY 48.06 304 eP 23 25.00 -5.3X
HHC 48.29 287 Pd 23 33.20 0.8

RSSD 48.34 68 eP 23 32.33 -0.6
0.7s 8.35nm 4.9mb
Z 21s 0.24um 4.1Msz
GLA 48.62 86 eP 23 33.48 -1.5
BTO 49.38 287 P 23 41.50 0.7
1.6s 70.00nm 5.4mb
N 15s 0.37um
E 15s 0.44um

pP 23 51.00 32kmX
eS 30 49.00
TIY 49.70 283 eP 23 44.00 0.7
Z 24s 1.10um 4.8MszX
N 15s 0.69um

pP 23 53.40 31kmX
S 30 51.00

06d 15h

GOL 50.22 73 eP 23 47.72 0.3
 1.4s 138.13nm 5.8mb
 Z 19s 1.00um 4.8msz
 TUC 51.65 84 eP 23 57.24 -1.0
 1.0s 8.66nm 4.7mb
 Z 18s 0.45um 4.5msz
 ALO 52.60 79 eP 24 04.50 -1.0
 1.4s 20.88nm 4.9mb
 Z 19s 0.47um 4.5msz
 LZH 55.99 287 eP 24 30.00 -0.2
 2.0s 54.00nm 5.2mb
 Z 15s 0.73um 4.9mszX
 N 15s 0.41um
 pP 24 39.00 29kmX
 ScS 34 16.50
 GTA 56.17 292 iPc 24 30.80 -0.6
 1.5s 120.00nm 5.7mb
 Z 15s 1.32um 5.1mszX
 E 13s 1.74um
 pP 24 40.50 32kmX
 S 32 22.50
 JFWS 56.92 61 eP 24 34.27 -2.3
 0.8s 29.61nm 5.4mb
 Z 18s 0.83um 4.9msz
 TUL 58.43 71 eP 24 46.10 -1.1
 1.2s 55.30nm 5.5mb
 Z 20s 0.37um 4.5msz
 e 25 07.80
 LR 47 17.00
 CD2 59.57 283 eP 24 54.50 -0.8
 WMO 59.94 304 P 24 56.00 -1.7
 Z 16s 1.05um 5.1mszX
 FVM 60.15 66 eP 24 56.72 -2.4
 0.8s 31.49nm 5.5mb
 UYO 60.42 71 iPc 24 59.40 -1.5
 MIAR 60.68 70 ePd 25 02.36 -0.4
 1.3s 67.56nm 5.6mb
 Z 19s 0.21um 4.3msz
 OLY 61.26 68 eP 25 04.67 -2.0
 ELC 61.32 65 eP 25 05.50 -1.5
 SVE 62.11 328 iPd 25 13.00 0.9
 2.0s 100.00nm 5.6mb
 e 25 46.80
 ARU 63.11 329 eP 25 17.00 -1.7
 1.8s 150.00nm 5.8mb
 e 25 25.00
 e 25 31.00
 e 25 50.00
 RSNY 63.98 51 P 25 40.00 15.4X
 Z 19s 0.56um 4.8msz
 KMI 64.31 279 eP 25 27.00 -0.3
 pP 25 36.00 29kmX
 GBTN 65.31 63 eP 25 32.44 -0.9
 KAF 65.47 348 iP 25 32.40 -1.5
 0.4s 3.00nm 4.7mb
 PRZ 65.65 308 eP 25 36.00 0.4
 1.6s 20.00nm 5.0mb
 NAV 66.01 60 eP 25 36.46 -1.4
 BLA 66.29 60 eP 25 39.49 -0.2
 1.4s 152.98nm 5.9mb
 EMM 67.16 46 eP 25 42.85 -2.1
 NUR 67.23 348 eP 25 44.00 -1.2
 PRM 67.50 63 eP 25 47.59 0.3
 NB2 67.93 355 P 25 48.10 -1.6
 0.8s 7.80nm 4.9mb
 JSC 67.98 63 eP 25 49.16 -1.1
 CEH 67.99 60 eP 25 49.66 -0.6
 1.2s 99.58nm 5.8mb
 Z 18s 0.49um 4.8msz
 LSA 68.05 290 Pc 25 52.60 1.2
 S 34 53.00
 LHS 68.08 62 eP 25 50.62 -0.3
 UPP 68.65 352 eP 25 53.00 -1.0
 HFS 68.69 354 eP 25 53.90 -0.4
 0.4s 1.90nm 4.6mb
 Z 19s 195.00um 7.4mszX
 LR 51 55.00
 KSH 69.13 307 P 25 59.00 1.5
 MOS 69.48 339 eP 25 59.00 -0.2
 e 26 07.00
 e 26 30.00
 OBN 70.30 340 iPd 26 03.80 -0.3
 1.7s 150.00nm 5.8mb
 e 26 13.00
 SHL 70.65 287 eP 26 06.70 -0.3
 eS 35 21.00
 CHG 71.33 277 eP 26 10.00 -1.0

GUN 72.46 293 P 26 18.10 0.0
 KKN 72.90 293 P 26 20.36 -0.1
 PKI 72.99 293 P 26 21.08 -0.1
 GKN 73.11 294 P 26 21.54 -0.1
 DMN 73.14 293 P 26 21.88 0.0
 DZM 74.18 195 iPc 26 29.90 2.3
 CLL 77.51 353 iPd 26 45.60 -0.4
 2.0s 61.00nm 5.3mb
 CTA 77.59 214 iP 26 41.50 -5.3X
 KSP 77.68 351 eP 26 47.40 0.4
 BRG 77.87 352 iPd 26 48.20 0.2
 1.6s 34.00nm 5.1mb
 e 27 06.00
 OJC 77.90 348 eP 26 48.40 0.2
 MOX 78.27 354 iPd 26 50.40 0.2
 1.8s 54.00nm 5.3mb
 ENN 78.42 358 eP 26 52.50 1.5
 1.0s 27.00nm 5.2mb
 PRU 78.69 352 eP 26 52.00 -0.6
 e 27 09.50
 SNF 78.71 359 P 26 53.70 1.1
 PYA 78.77 331 iPc 26 53.00 -0.1
 1.3s 150.00nm 5.8mb
 i 27 03.00
 DOU 79.12 358 P 26 57.70 2.8
 VRAC 79.17 350 eP 26 55.60 0.5
 2.3s 256.50nm 5.8mb
 GRF 79.25 354 ePc 26 56.00 0.4
 1.6s 102.00nm 5.6mb
 Z 19s 0.20um 4.5msz
 e 27 04.90
 MAIO 79.42 316 eP 26 57.00 0.1
 WLF 79.52 357 Pc 26 59.00 2.0
 i 29 31.57
 KIS 79.54 342 iPd- 26 58.00 0.8
 2.0s 500.00nm 6.2mb X
 i 27 12.00
 KHC 79.63 352 P 26 57.60 -0.1
 1.6s 21.50nm 4.9mb
 i 27 05.50
 e 27 15.50
 ZST 80.21 350 eP 27 00.70 -0.1
 MTA 80.33 329 iP 27 01.60 0.2
 SRO 80.45 349 iP 27 02.40 0.4
 STR 80.54 356 P 27 02.71 0.2
 WLS 80.73 356 P 27 03.39 -0.2
 CDF 80.73 356 PKP 27 03.35 -0.3
 ECH 80.93 357 PKP 27 04.29 -0.3
 VITF 80.97 357 PKP 27 03.84 -1.0
 LIBD 80.98 356 PKP 27 03.80 -1.0
 FEL 81.23 356 PKP 27 04.72 -1.6
 MOF 81.30 357 PKP 27 04.84 -1.8
 KBA 81.68 352 iPc 27 09.00 0.2
 1.1s 64.00nm 5.6mb
 ERE 81.79 329 iP 27 10.00 0.7
 1.5s 15.00nm 4.8mb
 LOMF 81.81 357 PKP 27 05.92 -3.4X
 WB2 82.23 225 eP 27 11.00 -0.6
 1.0s 3.00nm 4.3mb
 WRA 82.23 225 P 27 11.60 0.0
 0.7s 1.20nm 4.0mb X
 PTJ 82.60 350 eP 27 12.60 -0.9
 VBY 83.07 351 eP 27 16.50 0.8
 e 27 30.50
 BNI 84.11 357 P 27 22.70 1.5
 MME 84.76 354 P 27 25.80 1.2
 HYB 84.82 291 eP 27 26.00 0.9
 e 27 34.50
 SFI 84.94 353 P 27 26.70 1.5
 PII 85.24 354 P 27 26.70 0.0
 ASPA 85.69 223 eP 27 29.50 0.4
 SKO 85.75 346 iP 27 30.50 1.2
 1.5s 95.00nm 5.8mb
 i 27 46.00
 VAY 86.20 345 eP 27 32.40 0.8
 AZI 86.73 352 P 27 35.00 0.9
 GBA 88.48 290 P 27 44.00 1.1
 TIC 122.12 8 (PKP) 33 45.40 -0.1
 KIC 122.43 8 (PKP) 33 45.50 -0.5
 MAW 146.63 217 ePKPc 34 31.00 1.8
 1.0s 17.00nm
 SLR 147.70 312 iPKPc 34 34.50 2.1X
 1.2s 50.00nm
 S.D. = 1.0 on 151 of 166 obs.

DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 WTS 0.64 304 ePg 16 08.00 0.2
 ENN 1.41 232 ePn 16 20.00 -0.5
 0.5s 12.00nm
 eSn 16 39.00
 MEM 1.47 226 iPd 16 20.84 -0.6
 iS 16 39.95
 ABH 1.76 183 ePn 16 25.60 -0.1
 RUP 1.98 192 ePn 16 30.70 1.8
 TOD 2.16 160 ePn 16 30.70 -0.8
 S.D. = 1.2 on 6 of 6 obs.
 * OCT 06, 1992 15h 26m 13.95±2.90s
 17.638 N ±19.8km 62.282 W ±13.2km
 DEPTH = 5.0km (geophysicist)
 LEEWARD ISLANDS (92)
 ML 3.3 (FDF). MD 3.0 (TRN).
 CPB 0.44 90 eP 26 23.00 0.3
 NEV 0.57 209 eP 26 25.00 -0.4
 eS 26 34.00
 BPA 0.72 145 eP 26 28.00 -0.3
 eS 26 38.00
 MGH 0.92 176 eP 26 33.20 1.3
 eS 26 45.80
 PAG 1.70 160 eP 26 44.41 -0.1
 eS 27 07.40
 DEG 1.76 138 eP 26 44.61 -0.8
 eS 27 08.00
 MGG 1.94 151 eP 26 47.78 -0.2
 S.D. = 0.8 on 7 of 7 obs.
 % OCT 06, 1992 15h 30m 01.92±0.94s
 40.208 N ±10.2km 29.381 E ±5.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 YLV 0.36 359 iPg 30 09.00 -0.3
 HRT 0.65 20 ePg 30 15.50 0.6
 eSg 30 25.40
 EYL 0.69 59 ePg 30 15.50 -0.2
 eSg 30 26.50
 GPA 0.72 83 ePn 30 16.00 0.0
 KCT 0.79 273 iPn 30 18.00 0.8
 BNT 1.13 278 ePn 30 22.50 -0.5
 EDC 1.17 277 ePn 30 23.50 -0.3
 S.D. = 0.6 on 7 of 7 obs.
 & OCT 06, 1992 15h 38m 04.00s
 43.324 N 71.578 W
 DEPTH = 5.0km (geophysicist)
 VERMONT-NEW HAMPSHIRE REGION (474)
 <WES-P>. mbLg 3.4 (WES). Felt
 (IV) at Belmont, Boscawen,
 Bristol, Conterbury, Franklin,
 Henniker, Loudon, Salisbury and
 Tilton, New Hampshire. Felt
 (III) at Contoocook, Lochmere,
 Sonborton and Weare, New
 Hampshire. Also felt at Loconio,
 New Hampshire.
 HRV 0.82 179 eP 38 20.28 0.0
 S 38 31.71
 WES 0.96 169 P 38 23.02 0.4
 S 38 35.38
 IVT 1.09 281 P 38 25.31 0.3
 S 38 39.91
 BNH 1.29 10 eP 38 28.63 0.3
 S 38 45.61
 TRM 1.34 45 P 38 29.45 0.3
 DVT 1.69 346 P 38 36.13 1.8
 S 38 57.09
 MD2 1.90 200 P 38 37.24 -0.1
 RSNY 2.46 301 eP 38 45.81 0.4
 MIM 2.65 43 (P) 38 47.89 -0.2
 TBR 2.93 223 (P) 38 49.86 -2.3
 EMM 3.27 63 eP 38 56.39 -0.5
 11 obs. associated
 ? OCT 06, 1992 16h 03m 21.78±5.07s
 41.159 N ±34.0km 23.205 E ±26.9km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)
 MD 2.0 (THE).

KNT 0.23 271 iPg 03 26.50 -0.3
eSg 03 29.96
SOH 0.36 161 iPg 03 28.76 -0.4
eSg 03 33.76
THE 0.56 199 iPg 03 32.76 -0.3
eSg 03 40.88
GRG 0.64 252 ePg 03 34.00 -0.7
eSg 03 43.60

S.D. = 0.3 on 4 of 4 obs.

% OCT 06, 1992 16h 28m 38.84 ± 1.10s
42.085 N ± 12.2km 13.968 E ± 10.0km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

AZI 0.41 257 P 28 46.90 -0.3
AQU 0.50 303 P 28 48.80 -0.2
DUI 0.56 139 P 28 50.30 0.0
MNS 1.00 288 P 28 58.50 0.6
eSg 29 12.00
ASS 1.38 316 P 29 03.90 -0.2
S.D. = 0.5 on 5 of 5 obs.

% OCT 06, 1992 16h 30m 05.59 ± 1.25s
42.180 N ± 11.2km 13.880 E ± 10.3km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

AZI 0.38 240 P 30 14.00 0.6
eSg 30 21.00
AQU 0.39 296 P 30 13.30 -0.4
eSg 30 20.00
DUI 0.67 140 P 30 18.90 -0.1
MNS 0.91 283 P 30 22.20 -0.9
eSn 30 37.00
ASS 1.27 315 P 30 30.00 0.9
S.D. = 1.0 on 5 of 5 obs.

OCT 06, 1992 16h 39m 10.92 ± 0.99s
42.135 N ± 8.0km 13.990 E ± 8.7km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
MD 3.3 (LJU).

AZI 0.44 251 P 39 19.30 -0.5
eSg 39 25.00
AQU 0.49 297 P 39 20.20 -0.6
eSg 39 27.90
DUI 0.59 143 P 39 22.80 -0.1
eSg 39 30.30
MNS 1.00 285 P 39 30.20 0.2
eSg 39 45.00
RMP 1.01 252 P 39 30.70 0.6
eSg 39 44.00
ASS 1.36 314 P 39 35.20 -0.7
eSg 39 53.00
ARV 1.57 331 P 39 38.20 -0.6
eSg 40 00.00
CRE 2.11 316 P 39 49.10 2.2
SFI 2.38 319 P 39 50.00 -0.5
VBY 3.49 15 e(Pn) 40 14.50 8.2X
eSn 40 41.50
S.D. = 1.1 on 9 of 10 obs.

& OCT 06, 1992 17h 05m 47.46s
43.300 N 71.570 W
DEPTH = 5.0km (geophysicist)
VERMONT-NEW HAMPSHIRE REGION (474)
<WES-P>. mbLg 2.3 (WES). Felt at
Henniker, New Hampshire.

BNH 1.31 10 eP 06 13.41 1.2
S 06 30.02
RSNY 2.48 301 (P) 06 27.88 -1.2
S 07 03.80
2 obs. associated

OCT 06, 1992 17h 19m 08.38 ± 0.17s
51.171 N ± 4.3km 177.872 W ± 2.2km
DEPTH = 33.0km (normal)
5.3mb (112 obs.) 5.2msz (40 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 5.0 (PMR). Felt (IV) on Adok.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 54C
Centroid Location:

Origin Time 17:19: 8.2 0.3
Lat 51.11N 0.05 Lon 177.67W 0.06
Dep 15.0 FIX Half-duration 1.2
Moment Tensor; Scale 10**16 Nm
Mrr=-0.88 0.28 Mtt=-4.48 0.37
Mff= 5.36 0.27 Mrt= 1.71 1.21
Mrf= 1.88 0.98 Mtf=-8.73 0.36
Principal Axes:
T Val= 10.51 P1g= 4 Azm=240
N -0.30 75 345
P -10.21 15 149
Best Double Couple: Mo=1.0*10**17
NP1:Strike=286 Dip=77 Slip=-172
NP2: 194 83 -13

ADK 1.03 46 iPg 19 26.90 0.4
SMY 5.20 291 eP 20 29.20 3.3X
SDN 11.21 61 eP 21 48.80 -0.4
SVW 15.81 42 ePc 22 51.10 1.2
1.0s 122.20nm 5.0mb
KDC 16.09 56 eP 22 50.87 -2.6
0.8s 110.89nm 5.0mb

SKR 16.40 278 eP 23 01.20 3.8X
Z 18s 4.40um
N 16s 6.20um
E 18s 4.20um
(S) 25 58.00
23 01.80 1.5

TTA 16.63 37 eP 23 01.80 1.5
0.9s 91.40nm 4.9mb
ILT 16.79 359 iPd 23 06.00 3.9X
Z 16s 6.20um
N 18s 3.50um
E 18s 5.80um

BGL 17.28 44 eP 23 10.16 1.6
CRP 17.39 45 ePc 23 10.83 0.9
SPU 17.40 45 eP 23 11.01 1.1
SLKM 17.99 48 eP 23 16.06 -1.2
PMR 18.86 45 eP 23 27.30 -0.5
0.8s 41.20nm 4.7mb
Z 22s 5.90um 4.7msz

IMA 19.33 30 ePc 23 33.30 -0.2
1.2s 132.10nm 5.1mb
MGD 19.64 309 eP 23 39.00 2.2
Z 15s 4.60um
N 17s 4.90um
E 15s 2.40um

KLU 20.29 47 ePd 23 42.85 -0.9
TOA 20.35 45 eP 23 45.50 1.1
FBA 20.76 37 eP 23 48.80 0.4
0.8s 36.60nm 4.8mb
BALM 21.86 49 eP 23 57.18 -2.6
KUR 23.45 269 eP 24 16.00 0.7
0.8s 110.00nm 5.4mb

Z 16s 3.40um 4.9mszX
N 16s 3.40um
E 16s 3.40um
SIT 25.29 60 eP 24 34.60 1.7
YSS 25.92 276 iPg 24 39.80 0.9
1.0s 40.00nm 5.0mb
Z 16s 2.10um 4.8mszX
N 16s 1.90um
E 16s 2.60um

i 24 49.50
e 28 07.20
eS 29 14.00
KUSJ 26.47 267 eP 24 42.30 -1.7
ASAJ 27.26 271 eP 24 51.80 0.6
YAK 29.98 312 eP 25 14.00 -1.5
1.2s 25.00nm 4.9mb
Z 17s 3.30um 5.0mszX

e 26 13.00
ePPP 26 24.00
eS 30 06.00
e 35 50.00
NIIJ 33.40 262 P 25 45.50 -0.2
MBC 33.58 22 eP 25 47.00 0.1
0.9s 10.00nm 4.7mb
HON 33.60 145 P 26 00.00 12.5X
Z 20s 1.42um 4.7msz

CHJJ 34.16 261 P 25 52.20 -0.1
MAT 34.33 262 eP 25 53.00 -0.8
1.1s 25.32nm 5.1mb
Z 20s 3.19um 5.1msz
eS 31 19.00
PGC 34.47 72 eP 25 56.00 1.2
MTMJ 34.56 263 P 25 56.10 0.3

MCW 34.83 72 ePc 25 58.56 0.6
YKA 34.95 46 eP 25 57.50 -1.3
0.8s 13.90nm 4.9mb
MDJ 35.18 280 eP 25 59.50 -1.5
1.0s 17.00nm 4.9mb
Z 20s 4.55um 5.2msz
N 13s 1.01um
E 16s 2.12um

S 31 33.00
GMW 35.35 74 ePc 26 03.37 0.9
BMW 35.58 76 ePc 26 04.90 0.5
RMW 35.99 73 ePc 26 08.47 0.6
LON 36.31 74 ePc 26 10.80 0.2
SHW 36.32 76 eP 26 12.10 1.4
VGB 37.54 76 eP 26 22.01 1.1
DPW 37.95 71 ePc 26 24.30 -0.1
CN2 38.16 282 Pc 26 25.00 -1.0

1.0s 8.60nm 4.6mb
Z 21s 4.60um 5.3msz
N 15s 1.31um
E 15s 1.49um

epP 26 33.40 28kmX
eS 32 23.00
NEW 38.41 70 ePd 26 28.29 0.1
1.2s 70.45nm 5.4mb
BOD 38.47 307 eP 26 28.80 0.3
0.9s 23.00nm 5.0mb
LBFM 39.06 82 ePc 26 34.36 0.5
WDC 39.09 84 eP 26 33.77 -0.1

0.9s 19.48nm 4.9mb
Z 19s 1.88um 4.9msz
ORV 40.33 84 (P) 26 43.58 -0.6
SNY 40.39 280 iPg 26 44.80 0.3
1.2s 44.00nm 5.1mb
Z 23s 3.44um 5.1mszX
N 18s 1.90um
E 18s 1.55um

pP 26 53.50 29kmX
S 32 50.00
SES 40.93 64 eP 26 48.00 -1.0
0.9s 115.00nm 5.6mb
pP 26 58.00 34kmX
CIT 41.14 299 eP 26 51.50 0.8

Z 17s 2.46um 5.1mszX
ARN 41.63 87 eP 26 55.34 0.5
CMB 41.93 85 eP 26 57.43 0.1
0.9s 13.13nm 4.7mb
Z 20s 2.34um 5.0msz

LCCM 42.73 70 eP 27 03.30 -0.6
MEMM 43.07 85 eP 27 08.64 2.1
PHAM 43.29 88 eP 27 09.21 0.8
BONR 43.29 84 ePc 27 08.93 0.2
PKEM 43.33 87 eP 27 07.43 -1.3
HHA1 43.82 74 eP 27 13.60 0.9
TNP 43.89 83 iPd 27 13.90 0.4

1.1s 37.02nm 5.1mb
PTI 44.06 74 ePc 27 15.64 0.9
HVV 44.44 76 ePc 27 17.90 0.0
ISA 44.61 86 eP 27 18.64 -0.5
1.1s 23.76nm 5.0mb
Z 18s 1.97um 5.1msz

ABL 44.66 88 eP 27 19.54 -0.2
NRI 44.68 330 iPd 27 19.00 -0.2
1.5s 32.00nm 5.0mb
Z 18s 5.50um 5.5msz

e 27 30.00
e 29 02.00
eS 34 08.00
TPNV 45.19 83 ePd 27 23.94 0.0
0.8s 42.59nm 5.4mb
Z 19s 4.52um 5.4msz

DUG 45.35 78 ePc 27 24.96 -0.1
1.1s 64.24nm 5.4mb
FCC 45.68 46 eP 27 30.00 2.7
BW06 45.81 73 iPg 27 29.60 0.7
1.0s 137.50nm 5.8mb
GSC 45.89 86 ePd 27 28.71 -0.6
BJI 45.99 283 eP 27 30.00 0.1

1.0s 22.00nm 5.0mb
Z 22s 2.78um 5.2msz
N 17s 2.07um
esP 27 48.00
IRK 46.01 303 eP 27 30.70 0.7
1.2s 15.00nm 4.8mb
Z 17s 2.36um 5.2mszX
N 20s 0.85um
E 16s 2.65um

NB2	67.90	355	P	30	04.20	-1.1
	0.9s		13.00nm			5.0mb
JSC	67.94	63	eP	30	05.61	-0.2
			ipP	30	14.78	29kmX
CEH	67.95	60	ePd	30	05.40	-0.4
	0.8s		90.40nm			5.9mb
Z	18s		1.74um			5.3MsZ
			ipP	30	14.44	29kmX
			S	39	02.01	
LHS	68.05	62	eP	30	06.26	-0.2
			ipP	30	15.44	29kmX
LSA	68.06	290	Pc	30	08.60	1.4
Z	20s		1.87um			5.3MsZ
N	16s		3.00um			
			pP	30	18.00	30kmX
			iS	39	10.00	
UPP	68.62	352	iP	30	08.20	-1.4
HFS	68.66	354	eP	30	08.80	-1.1
	0.4s		2.50nm			4.6mb
Z	16s		651.00um			8.0MsZ
			LR	02	00.00	
KSH	69.13	307	P	30	13.50	0.2
	1.0s		40.00nm			5.4mb
Z	20s		1.99um			5.4MsZ
N	14s		1.69um			
E	14s		2.05um			
			sP	30	23.00	
			PP	32	50.00	
			eS	39	18.00	
			sS	39	31.00	
SGS	69.16	63	eP	30	13.38	0.0
			eP	30	22.79	30kmX
MOS	69.46	339	eP	30	15.00	0.2
	1.2s		100.00nm			5.8mb
Z	17s		3.00um			5.6MsZ
			e	30	42.00	
OBN	70.28	340	eP	30	18.00	-1.8
	1.3s		68.00nm			5.6mb
Z	18s		2.40um			5.5MsZ
N	18s		1.70um			
E	18s		0.80um			
			e	30	29.00	
			eS	40	18.00	
SHL	70.67	287	iPd	30	22.00	-0.9
	1.1s		75.95nm			5.7mb
			eS	39	36.00	
CHG	71.35	277	eP	30	26.30	-0.6
	1.5s		36.81nm			5.2mb
GUN	72.47	293	P	30	34.34	0.4
BDT	72.49	276	eP	30	33.00	-0.6
MUD	72.58	356	iPc	30	32.40	-1.1
	1.0s		28.00nm			5.2mb
KKN	72.91	293	P	30	36.62	0.3
	1.0s		155.00nm			6.0mb
PKI	73.00	293	P	30	37.20	0.2
GKN	73.12	294	P	30	37.64	0.2
	1.2s		365.00nm			6.3mb
DMN	73.15	293	P	30	38.02	0.3
MNK	73.15	345	eP	30	33.00	-3.9X
EKA	73.77	3	Pc	30	41.10	0.5
	0.9s		20.90nm			5.1mb
DZM	74.22	195	iPc	30	45.20	1.6
ETA	76.27	5	eP	30	55.60	0.7
ECB	76.56	6	eP	30	58.20	1.7
NDI	76.78	299	eP	30	53.00	-5.2X
WTS	77.13	357	eP	31	00.50	0.8
	1.1s		35.00nm			5.3mb
			e	31	33.50	
CLL	77.48	353	eP	31	01.00	-0.6
	1.7s		31.00nm			5.1mb
KSP	77.65	351	eP	31	02.60	0.0
BRG	77.84	352	iP	31	02.80	-0.8
	1.2s		23.00nm			5.1mb
			e	31	12.60	
MOX	78.24	354	iP	31	06.00	0.1
	1.5s		29.00nm			5.1mb
Z	18s		0.70um			5.0MsZ
ENN	78.39	358	eP	31	07.00	0.4
	0.9s		48.00nm			5.5mb
GRO						

E 16s	0.50um			TCF	82.92 360 iPc	31 30.60 -0.2	MAW	146.67 217 iPKPd	38 46.00 1.0
SNF	78.68 359 Pd	31 08.70 0.5		LSF	0.8s 17.60nm	5.2mb		1.0s 53.00nm	
PYA	78.75 331 iP	31 09.00 0.2			82.96 0 iPc	31 30.90 -0.1	SLR	147.70 312 iPKPc	38 48.50 0.3
	1.0s 100.00nm	5.8mb		MAF	0.8s 35.85nm	5.5mb	KSR	148.45 314 ePKP	38 55.00 5.6X
SPC	78.83 348 eP	31 10.00 0.7			82.99 360 iPc	31 31.30 0.2	WIN	149.16 332 iPKPc	38 56.50 5.9X
DOU	79.09 358 P	31 11.00 0.5		VBY	0.6s 10.80nm	5.1mb		1.0s 24.00nm	
GRF	79.22 354 ePc	31 11.30 0.1		LPL	83.61 357 iPc	31 34.50 -0.1	BLF	151.53 312 iPKPd	39 01.50 7.5X
	1.6s 70.00nm	5.4mb			0.8s 7.95nm	4.9mb		0.9s 46.15nm	
Z 19s	0.50um	4.9msz		LPG	83.63 357 iPc	31 35.70 0.9		S.D. = 1.0 on 255 of 271 obs.	
MAIO	79.42 316 eP	31 13.00 0.4			0.8s 11.95nm	5.1mb			
	eS	41 22.00		RJF	83.91 0 iPc	31 35.90 0.1			
WLF	79.49 357 Pc	31 14.00 1.4			1.1s 59.60nm	5.7mb			
KIS	79.52 342 iPd-	31 13.00 0.2		Z 19s	0.43um	4.8msz			
	1.0s 300.00nm	6.2mb		BNI	84.08 357 P	31 39.70 2.8			
Z 16s	2.80um	5.7msz		BOB	84.23 355 P	31 38.30 0.7			
N 16s	2.60um			LFF	84.26 1 iPc	31 37.90 0.3			
E 16s	1.60um				1.3s 107.20nm	5.9mb			
	eS	41 14.00		CAF	84.29 0 iPc	31 38.20 0.4			
	e	41 38.00			1.2s 53.55nm	5.6mb			
KHC	79.60 352 P	31 13.00 -0.3		QLP	84.31 214 eP	31 48.00 10.1X			
	1.0s 11.40nm	4.8mb			0.5s 43.00nm				
N 16s	1.10um			LPO	84.52 1 iPc	31 39.00 0.1			
E 16s	1.10um				0.9s 65.50nm	5.8mb			
	e	31 20.50		PLE	84.69 347 iPd	31 40.91 1.0			
	e	31 29.50		MME	84.73 354 P	31 41.50 1.2			
GEC2	79.87 352 Pd	31 14.70 -0.2		HYB	84.83 291 eP	31 41.00 0.1			
	0.8s 5.59nm	4.6mb			e	31 50.50			
PSZ	80.12 348 eP	31 17.10 0.9		SFI	84.91 353 P	31 42.30 1.5			
SOC	80.14 333 eP	31 13.30 -2.9		IVA	85.07 347 iPd	31 42.30 0.5			
	eS	41 21.00		TOUF	85.09 356 P	31 42.30 0.3			
ZST	80.18 350 eP	31 16.70 0.3		FIR	85.10 353 eP	31 43.00 1.2			
MTA	80.31 329 iP	31 17.00 -0.1		AUTN	85.10 356 P	31 42.41 0.3			
	0.8s 150.00nm	6.0mb		SAOF	85.11 356 P	31 41.74 -0.2			
N 20s	0.50um			PII	85.21 354 P	31 42.00 -0.3			
E 20s	1.00um			HVAR	85.21 350 iPc	31 42.00 -0.4			
	eS	41 24.00		MVIF	85.21 356 P	31 42.46 -0.1			
SRO	80.42 349 iP	31 18.40 0.7		BRY	85.23 348 iPd	31 42.31 -0.4			
FLN	80.42 2 iPc	31 17.10 -0.5		SBF	85.24 356 P	31 42.61 0.0			
	1.2s 81.20nm	5.6mb		ARV	85.25 352 P	31 43.80 1.2			
Z 19s	0.55um	4.9msz		NKY	85.25 348 iPd	31 42.54 -0.2			
LDF	80.60 2 iPc	31 18.10 -0.5		CALN	85.37 357 P	31 43.37 0.0			
	0.6s 45.00nm	5.6mb		FRF	85.57 357 iPc	31 44.20 0.0			
WLS	80.70 356 P	31 18.66 -0.5			0.9s 29.15nm	5.5mb			
CDF	80.70 357 P	31 18.88 -0.4		ARMA	85.57 206 eP	31 46.10 1.8			
GRR	80.79 2 iPc	31 19.30 -0.3			1.0s 21.00nm	5.3mb			
	1.0s 5.00nm	4.5mb		TTG	85.59 347 iPd	31 43.51 -0.8			
IPM	80.87 266 ePc	31 20.50 -0.1		HCY	85.68 348 iPd	31 43.54 -1.2			
ECH	80.90 357 P	31 20.15 -0.1		LRG	85.68 357 iPc	31 45.00 0.3			
VITF	80.94 357 P	31 20.34 -0.1			1.0s 27.20nm	5.4mb			
HAU	81.14 357 iPc	31 21.20 -0.3		Z 17s	0.52um	5.0msz			
	1.0s 30.40nm	5.3mb		ASS	85.69 352 P	31 46.00 1.1			
Z 20s	0.50um	4.9msz		SKO	85.72 346 iP	31 47.00 2.0			
LPF	81.14 2 iPc	31 21.40 0.0			1.0s 70.00nm	5.8mb			
	1.1s 61.05nm	5.5mb		BDV	85.80 348 iPd	31 44.00 -1.3			
FEL	81.21 356 P	31 21.43 -0.6		LMR	85.80 357 iPc	31 45.40 0.1			
MOF	81.27 357 P	31 21.94 -0.3			1.1s 48.85nm	5.6mb			
BSF	81.30 357 iPc	31 21.90 -0.5		ULC	86.05 347 iPd	31 44.94 -1.7			
	0.8s 12.35nm	5.0mb		EPF	86.17 1 iPc	31 47.50 0.3			
WTTA	81.61 353 iPd	31 24.40 0.2			0.8s 10.35nm	5.1mb			
	0.8s 20.00nm	5.2mb		VAY	86.18 345 iP	31 48.00 0.8			
KBA	81.66 352 iPd	31 25.20 0.8		LSPF	86.26 0 P	31 49.18 1.5			
	0.8s 67.00nm	5.7mb		MTHF	86.27 360 P	31 48.95 1.2			
LOMF	81.78 357 P	31 24.89 0.0		AQU	86.34 352 P	31 49.30 1.2			
ERE	81.78 329 iP	31 27.00 2.0		GRBF	86.37 0 P	31 49.26 1.0			
	1.1s 12.00nm	4.8mb		PGF	86.47 355 P	31 48.65 -0.2			
	eS	41 44.00		AZI	86.70 352 P	31 50.50 0.8			
	e	42 32.00		DUI	86.92 351 P	31 52.30 1.3			
LOR	81.93 359 iPc	31 25.50 -0.1		CMS	88.30 210 eP	31 58.60 1.3			
	0.9s 25.90nm	5.3mb		GUD	88.40 5 eP	31 57.50 -0.7			
Z 20s	0.70um	5.0msz		GBA	88.49 290 P	31 59.00 0.3			
SSF	82.14 359 iPc	31 26.70 0.0		BWA	90.25 207 eP	32 07.20 0.7			
	0.7s 21.40nm	5.3mb			eP	32 16.10 28kmX			
LBF	82.21 359 iPc	31 26.80 -0.3			e	32 25.40			
	1.1s 25.90nm	5.2mb		CAN	90.92 207 eP	32 11.40 1.8			
AVF	82.41 359 iPc	31 28.00 -0.1			e	32 31.10			
	1.2s 53.55nm	5.5mb		WARB	91.17 228 eP	32 11.00 0.1			
SMF	82.55 359 iPc	31 28.70 -0.2		ZOBO	114.88 85 PKP	37 57.20 9.0X			
	1.1s 56.15nm	5.5mb			LR	16 04.00			
PTJ	82.58 350 eP	31 29.10 0.0		SIV	119.06 79 PKP	37 55.00 -0.3			
MFF	82.59 2 iPc	31 29.10 0.1		TIC	122.09 8 PKP	38 00.96 -0.2			
	0.8s 43.25nm	5.6mb		KIC	122.39 8 PKP	38 01.18 -0.6			
BGF	82.65 360 iPc	31 29.30 -0.1			0.9s 9.00nm				
	1.0s 26.80nm	5.3mb		LIC	122.50 8 PKP	38 01.86 -0.1			
ZAG	82.66 350 eP	31 28.50 -0.9		BUL	142.69 316 ePKP	38 38.20 -1.8			
RMO	82.73 210 eP	31 30.00 0.1		AIA	144.18 139 ePKP	38 39.40 -1.5			
	eP	31 45.90 56kmX							

06d 19h

BJI	19.83	285	eP	02	56.50	-2.1
TIY	22.94	279	eP	03	29.00	-0.8
HHC	23.33	287	eP	03	33.00	-0.6
BTO	24.51	287	eP	03	43.00	-2.0
YAK	25.49	347	eP	03	54.50	0.8
	0.9s	31.00nm			4.8mb	
		e		08	15.00	
XAN	26.55	272	P	04	03.70	-0.2
	0.5s	8.00nm			4.5mb	
		pP		04	16.10	49kmX
GYA	31.36	259	P	04	47.00	0.0
CD2	31.72	269	eP	04	51.20	1.2
GTA	32.43	286	eP	04	55.50	-0.7
	1.0s	9.00nm			4.5mb	
WRA	57.65	188	P	08	15.90	0.2
	0.6s	15.70nm			5.2mb	
ASPA	61.37	188	iPd	08	41.00	-0.3
	0.9s	17.90nm			5.1mb	
MBL	61.91	203	eP	08	44.00	-0.9
WARB	64.97	195	eP	09	05.30	0.4
KAF	67.81	333	iP	09	22.90	0.4
	0.3s	1.80nm			4.5mb	
NUR	69.45	332	eP	09	33.30	0.7
HFS	73.57	336	eP	09	58.50	1.3
	0.4s	1.20nm			4.2mb	
LCCM	74.01	44	eP	10	02.50	2.3
GEC2	82.24	328	P	10	46.30	1.2
	0.6s	0.63nm			3.7mb	
ZOBO	146.36	59	PKP	18	07.00	2.7X
LPB	146.55	59	ePKP	18	15.00	10.7X
CNCB	146.83	59	PKP	18	08.20	3.2X
SIV	150.67	49	ePKP	18	18.00	7.7X

S.D. = 1.2 on 38 of 42 obs.

& OCT 06, 1992 19h 31m 23.87s
34.643 N 116.518 W
DEPTH = 5.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS).

PEC	0.92	216	iPd	31	40.60	-1.3
		eS		31	52.81	
SSK	1.06	246	ePn	31	43.28	-1.2
		eS		31	57.09	
ISA	1.90	303	iPn	31	54.89	-2.3
GLA	2.12	138	iPn	32	02.69	2.3
ABL	2.24	276	eP	32	01.61	-0.6
TPNV	2.31	5	ePn	32	01.69	-1.6
MEMM	3.60	328	eP	32	20.02	-1.3
BONR	3.61	337	(P)	32	19.16	-2.6
ARUT	4.01	38	(P)	32	28.28	1.0
MSU	5.21	41	(P)	32	43.38	-1.1

10 obs. associated

OCT 06, 1992 20h 31m 08.91 ± 0.80s
52.481 N ± 6.6km 158.745 E ± 9.0km
DEPTH = 71.1 ± 5.7 km
4.8mb (37 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

PET	0.54	354	iPnd	31	22.00	-0.3
		eS		31	30.00	
SKR	2.45	223	iPnc	31	47.90	0.5
MGD	8.82	333	ePn	33	17.00	1.1
YSS	11.71	249	ePn	34	01.60	6.6X
YAK	18.22	313	eP	35	15.00	-3.1X
	1.0s	35.00nm			4.5mb	
MAT	21.52	230	iPc	35	54.00	0.4
	0.9s	23.53nm			4.6mb	
BOD	25.64	300	eP	36	31.00	-2.0
FBA	29.44	44	eP	37	06.70	-0.7
	1.0s	1.30nm			3.6mb X	
ZAK	33.93	289	eP	37	47.50	0.8
	1.0s	6.00nm			4.5mb	
MBC	37.93	23	eP	38	20.00	-0.3
	1.0s	4.00nm			4.3mb	
YKA	44.17	42	eP	39	10.40	-1.3
	0.9s	1.90nm			3.9mb	
GUN	58.14	275	P	41	00.80	3.0X
PKI	58.67	275	P	41	00.20	-1.3
DMN	58.83	276	P	41	01.60	-0.9
GKN	58.83	276	P	41	01.20	-1.2
NB2	63.90	343	P	41	34.00	-1.9
	0.7s	5.20nm			4.6mb	
HFS	64.28	341	eP	41	36.30	-2.0
	0.4s	2.90nm			4.6mb	
EKA	71.51	349	Pc	42	23.30	-0.1

WIT	0.8s	7.60nm			4.7mb	
CLL	72.50	343	eP	42	30.50	1.3
WTS	72.63	338	iPd	42	29.40	-0.6
	73.26	342	eP	42	34.00	0.4
	0.8s	35.00nm			5.3mb	
PRU	73.50	337	eP	42	34.00	-1.1
KHC	74.53	337	P	42	41.00	-0.2
	1.1s	6.70nm			4.5mb	
GRF	74.54	339	iPc	42	41.60	0.4
	0.9s	16.00nm			4.9mb	
ENN	74.59	342	eP	42	41.50	0.1
	0.8s	25.00nm			5.2mb	
GEC2	74.76	337	eP	42	41.70	-0.9
	0.5s	1.09nm			4.0mb	
SNF	75.13	343	P	42	44.30	-0.2
WB2	75.18	204	eP	42	45.10	0.0
	0.7s	6.90nm			4.7mb	
WRA	75.18	204	P	42	45.70	0.5
	0.7s	1.70nm			4.1mb	
DOU	75.48	343	Pd	42	46.90	0.4
	0.7s	15.50nm			5.0mb	
LANF	75.94	341	P	42	48.99	-0.2
CDF	76.59	341	iPc	42	52.80	-0.1
	0.8s	12.20nm			4.9mb	
FEL	76.95	340	P	42	54.58	-0.4
VITF	77.03	342	P	42	55.44	0.2
HAU	77.16	341	iPc	42	55.90	-0.1
	0.9s	19.15nm			5.0mb	
BSF	77.24	341	iPc	42	56.10	-0.5
	0.9s	11.45nm			4.8mb	
LOMF	77.69	341	P	42	58.65	-0.4
GRR	78.02	346	eP	43	00.60	0.0
	1.0s	21.20nm			5.0mb	
LOR	78.34	343	iPc	43	02.40	-0.1
	0.8s	18.95nm			5.1mb	
LBF	78.59	343	iPc	43	03.60	-0.3
	0.7s	6.40nm			4.7mb	
SSF	78.60	343	iPc	43	03.90	0.0
	0.7s	10.15nm			4.9mb	
AVF	78.89	343	iPc	43	05.60	0.1
	0.9s	21.95nm			5.1mb	
SMF	78.94	343	eP	43	05.90	0.1
	0.9s	8.20nm			4.7mb	
BGF	79.20	343	eP	43	07.30	0.1
	0.7s	6.50nm			4.7mb	
RSL	79.32	341	P	43	07.90	-0.2
LPL	79.46	340	iPc	43	09.80	0.9
	0.8s	13.70nm			4.9mb	
LPG	79.48	340	iPc	43	10.00	0.9
	0.8s	14.65nm			5.0mb	
TCF	79.57	344	iPc	43	09.60	0.4
	0.9s	14.10nm			4.9mb	
MAF	79.58	343	iPc	43	10.00	0.8
	0.7s	15.85nm			5.1mb	
PLDF	79.63	343	P	43	10.65	1.0
AGO	79.64	343	P	43	10.65	1.1
LSF	79.73	344	iPc	43	10.30	0.3
	0.8s	12.75nm			4.9mb	
PYM	79.95	343	P	43	12.13	0.8
LBL	80.41	343	P	43	14.56	0.8
RJF	80.65	344	eP	43	15.60	0.7
	0.8s	9.00nm			4.8mb	
SBF	80.90	339	iPc	43	17.00	0.7
	0.7s	13.10nm			5.0mb	
CAF	80.92	343	iPc	43	17.50	1.1
	0.8s	13.05nm			4.9mb	
LFF	81.13	344	iPc	43	18.40	1.0
	0.8s	13.85nm			4.9mb	
LPO	81.31	344	iPc	43	19.30	0.9
	0.8s	16.10nm			5.0mb	
EPF	83.05	344	iPc	43	28.70	1.2
	0.8s	8.20nm			4.7mb	
TIC	119.50	341	PKP	49	51.50	-0.4
KIC	119.72	341	PKP	49	51.80	-0.5
LIC	119.91	341	PKP	49	52.20	-0.5

S.D. = 0.8 on 60 of 63 obs.

& OCT 06, 1992 21h 32m 04.13s
34.198 N 116.435 W
DEPTH = 1.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS).

PEC	0.68	243	iPd	32	16.88	-0.7
		eS		32	24.84	
PLM	0.91	203	iPd	32	21.41	-1.0
		eS		32	31.48	

SSK	1.04	271	ePc	32	23.64	-1.1
GSC	1.14	345	iPd	32	25.41	-1.0
		eS		32	39.25	
GLA	1.76	130	iPd	32	33.66	-2.4
ISA	2.22	312	ePn	32	40.31	-2.4
		ePg		32	44.79	
ABL	2.39	287	eP	32	42.94	-2.4
TPNV	2.75	3	(P)	32	48.74	-1.6
PKEM	3.54	303	(P)	33	02.04	0.7
PHAM	3.64	298	(P)	33	01.95	-0.9
TNP	3.93	351	(P)	33	08.89	1.8
MEMM	4.01	330	(Pn)	33	07.00	-1.1
		ePg		33	18.16	
BONR	4.04	339	(P)	33	05.66	-3.1
ARUT	4.33	33	eP	33	11.26	-1.5
TUC	5.09	110	(P)	33	19.05	-4.5
	0.3s	1.36nm			4.1mb X	
ARN	5.20	309	eP	33	23.19	-1.8
MSU	5.51	37	(P)	33	29.61	0.0

17 obs. associated

* OCT 06, 1992 21h 34m 40.94 ± 0.86s
34.193 N ± 8.1km 5.893 W ± 11.4km
DEPTH = 10.0km (geophysicist)
MOROCCO (395)
MD 3.7 (RBA). mbLg 3.0 (MDD).

IFR	0.93	136	iPg	34	59.00	0.2
		iSg		35	09.00	
AVE	1.55	235	iPg	35	09.50	0.9
		i		35	10.00	
		iSg		35	29.50	
		i		35	30.50	
		i		35	32.00	
PLAT	1.93	3	eP	35	25.00	10.9X
EJIF	2.28	9	ePn	35	18.50	-0.7
		eSn		35	48.00	
ALJ	2.49	5	eP	35	35.00	12.8X
EGUA	3.25	35	ePn	35	33.50	0.6
		eSn		36	10.00	
TIO	3.46	200	iPn	35	35.00	-1.0
		iSn		36	14.00	
		i		36	23.00	
		i		36	31.00	

S.D. = 1.2 on 5 of 7 obs.

OCT 06, 1992 21h 52m 46.35 ± 0.90s
43.033 N ± 12.0km 0.522 W ± 3.8km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.7 (LDG).

ESCF	0.06	320	Pg	52	48.12	-0.5
OGE	0.14	15	Pg	52	49.33	-0.3
ATE	0.14	292	Pg	52	50.13	0.4
		Sg		52	52.51	
ISSF	0.20	269	Pg	52	51.54	0.7
		Sg		52	54.75	
MADF	0.25	297	Pg	52	51.97	0.4
		Sg		52	56.22	
BTH	0.25	69	P	52	51.50	-0.1
		Sg		52	55.50	
BOH	0.37	281	Pg	52	53.23	-0.7
		Sg		53	00.10	
ELYF	0.37	292	Pg	52	53.47	-0.5
EPF	0.63	90				

EPF	0.24	86	Pg	21	41.00	0.2	DEPTH = 125.6 ± 44.9 km																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
-----	------	----	----	----	-------	-----	-------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

07d 04h

i 02 49.00
S.D. = 1.0 on 16 of 17 obs.

* OCT 07, 1992 04h 02m 35.10±2.45s
51.233 N ±21.3km 15.867 E ±12.6km
DEPTH = 10.0km (geophysicist)
POLAND (548)

KSP 0.47 145 iP 02 44.30 -0.4
0.3s 41.00nm

BRG 1.26 254 iPg 02 58.70 0.1
iSg 03 18.00

PRU 1.51 215 Pn 03 02.20 0.1
Pg 03 04.00
Sn 03 20.80
Sg 03 28.00

CLL 1.80 274 iPg 03 06.50 0.1
eSg 03 32.00

VRAC 1.98 166 ePn 03 09.70 0.7
0.3s 6.30nm

KHC 2.57 216 Pn 03 17.40 -0.1
e 03 23.50

MOX 2.75 259 ePg 03 26.30 6.2X
iSg 04 05.50

GRF 3.35 244 e(Pn) 03 28.00 -0.5
e(Pg) 03 36.00
eSg 04 25.30

S.D. = 0.5 on 7 of 8 obs.

? OCT 07, 1992 05h 09m 29.78±4.74s
3.491 S ±14.5km 82.514 W ±53.6km
DEPTH = 72.8 ± 28.4 km

OFF COAST OF NORTHERN PERU (108)

JAMA 4.38 32 P 10 35.00 -0.5
VC1 4.99 55 P 10 44.20 -0.1
GGP 5.12 50 P 10 47.10 0.9
YANA 5.17 50 P 10 47.60 0.7
ANTI 5.29 55 P 10 47.50 -1.1
NNA 10.14 147 eP 11 55.50 0.6
0.6s 6.00nm 4.8mb X

ZOBO 19.02 133 P 13 48.00 -1.5
Z 18s 0.76um

LPB 19.20 133 P 13 51.00 -0.3
Z 16s 1.35um

CNCB 19.47 134 P 13 54.00 -0.2
SIV 24.47 122 eP 14 45.00 1.4

S.D. = 1.1 on 10 of 10 obs.

* OCT 07, 1992 08h 05m 53.09±0.45s
15.128 S ±19.8km 173.720 W ±17.7km
DEPTH = 33.0km (normal)
4.8mb (9 obs.) 4.1msz (1 obs.)

TONGA ISLANDS (173)

AFI 2.24 57 iPc 06 27.50 -1.1
eS 06 48.00

DZM 20.02 247 iPc 10 30.30 4.1X
TOO 42.40 230 iPd 13 45.50 -0.8
0.5s 8.00nm 4.7mb

ASPA 49.90 252 iPc 14 44.70 -1.2
0.7s 33.00nm 5.5mb

CMB 72.77 42 eP 17 18.97 -1.3
0.9s 5.66nm 4.6mb

GSC 73.62 46 eP 17 25.05 -0.3
BONR 74.07 43 eP 17 28.28 0.1
TNP 74.85 43 eP 17 32.65 0.1
0.9s 11.66nm 4.9mb

SPA 74.97 180 iPc 17 33.40 0.6
0.9s 13.64nm 4.9mb

TUC 76.46 51 ePd 17 41.64 0.0
1.3s 10.62nm 4.7mb

VGB 77.01 35 eP 17 45.48 1.1
MSU 78.45 45 eP 17 52.49 -0.3
SRU 79.87 45 eP 18 00.38 0.0
FBA 82.19 11 eP 18 10.80 -0.9
0.8s 10.84nm 4.9mb

RSSD 86.47 43 eP 18 35.28 1.2
1.0s 5.17nm 4.7mb

MAW 87.95 199 eP 18 46.98 -0.6
0.9s 13.00nm 5.2mb

GRF 145.29 354 ePKP 25 30.00 0.9
ec 25 43.30
e 25 52.20

KHC 145.57 352 ePKP 25 35.00 5.4X
1.3s 12.70nm

GEC2 145.83 351 PKP 25 30.80 0.7
0.7s 1.41nm

SRO 145.92 345 iPKP 25 43.00 12.8X
CDF 146.80 359 ePKP 25 33.60 1.9

HAU 147.22 360 ePKP 25 34.70 2.4X
0.7s 6.05nm

LOR 147.89 3 ePKP 25 36.50 3.1X
0.6s 3.95nm

SSF 148.08 4 ePKP 25 37.20 3.5X
LBF 148.18 3 ePKP 25 37.30 3.4X

SMF 148.51 3 ePKP 25 38.00 3.6X
BGF 148.53 5 ePKP 25 38.00 3.6X

MAF 148.85 5 ePKP 25 39.10 4.1X
LPL 149.71 359 ePKP 25 42.30 5.7X
0.8s 5.10nm

LPG 149.72 359 ePKP 25 42.60 5.9X
0.9s 7.85nm

S.D. = 1.0 on 18 of 30 obs.

OCT 07, 1992 08h 35m 01.90±1.27s
21.019 N ±7.3km 121.120 E ±9.3km
DEPTH = 43.2 ± 14.7 km
4.5mb (9 obs.)

TAIWAN REGION (243)

PIP 2.72 190 iPd 35 46.00 1.8
iS 36 21.00

CVP 3.36 169 ePc 35 53.00 -0.3
eS 36 49.00

SZP 3.51 190 ePd 35 59.00 3.7X
QZH 4.55 330 ePn 36 08.00 -2.0

GZH 7.50 287 iPc 36 47.70 -3.8X
0.8s 95.00nm 5.7mb X

GYA 14.30 295 P 38 22.00 -1.7
Z 16s 0.65um

TIA 15.53 348 eP 38 43.70 4.1X
TIY 18.26 338 eP 39 16.10 2.3X

CD2 18.44 306 eP 39 16.60 0.6
0.6s 22.00nm 4.5mb

TSRJ 19.47 39 P 39 29.90 1.8
CHG 20.96 268 eP 39 44.30 0.5

MTMJ 21.26 40 eP 39 48.00 1.2
LZH 21.29 319 eP 39 48.50 1.3

Z 2.0s 37.00nm 4.4mb
E 13s 0.29um 3.8mszX

HHC 21.37 340 P 39 52.10 4.2X
1.0s 20.00nm 4.5mb

MAT 21.48 40 eP 39 49.00 0.2
0.8s 6.72nm 4.1mb

CHJJ 21.64 42 eP 39 49.50 -1.0
BTO 21.69 337 P 39 57.00 6.0X

OFUJ 25.21 40 eP 40 24.20 -0.9
GTA 25.87 320 eP 40 32.50 1.0

ASAJ 29.15 33 eP 41 03.80 2.7X
ASPA 46.13 164 eP 43 23.40 -0.6

WARB 47.23 173 eP 43 31.00 -1.6
CTA 47.68 147 iPc 43 35.50 -0.8

MBC 76.35 12 eP 46 47.00 -0.8
1.0s 6.00nm 4.5mb

NB2 80.99 332 P 47 14.60 1.3
0.6s 1.20nm 4.0mb

YKA 85.90 23 eP 47 38.00 -0.3
0.8s 6.10nm 4.9mb

S.D. = 1.3 on 19 of 26 obs.

* OCT 07, 1992 08h 35m 09.88±2.05s
44.386 N ±8.5km 114.128 W ±23.0km
DEPTH = 5.0km (geophysicist)

WESTERN IDAHO (33)
ML 3.5 (BUT).

MCMT 1.02 64 iPc 35 29.40 -0.3
LTMT 1.45 84 ePn 35 37.00 -0.1

HMAI 1.67 130 eP 35 39.97 -0.1
eS 36 00.89

HBMT 1.77 37 iPnd 35 41.80 0.1
BUT 1.97 34 ePg 35 47.80 3.4X

eSn 36 10.40
iSg 36 13.30

LCCM 2.16 47 ePn 35 47.20 0.1
HVU 2.79 159 eP 35 58.20 2.0

HRY 2.83 34 ePn 35 56.80 0.1
DUG 4.30 166 e(P) 36 15.74 -1.9

DAU 4.50 151 e(P) 36 31.48 10.9X
S.D. = 1.2 on 8 of 10 obs.

% OCT 07, 1992 09h 25m 19.99±3.95s
32.730 S ±20.9km 71.713 W ±21.2km
DEPTH = 10.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

ROCH 0.64 112 iPd 25 33.38 0.4
iS 25 42.47

LCCH 0.75 171 iPd 25 34.95 0.2
iS 25 45.04

JACH 0.95 87 iPd 25 37.61 -0.5
iS 25 51.21

PEL 0.96 116 iP+ 25 38.49 0.2
iS 25 51.93

TACH 1.13 145 iPd 25 40.91 -0.2
iS 25 55.61

SAN 1.14 130 iPd 25 41.23 -0.1
LNV 1.25 168 iPd 25 42.18 -1.0

FCH 1.34 117 iPd 25 44.42 -0.4
iS 26 02.17

PCH 1.34 132 iP+ 25 44.66 -0.1
CHCH 1.49 144 eP 25 47.27 0.4

CACH 1.67 146 eP 25 50.43 0.9
iS 26 13.90

S.D. = 0.6 on 11 of 11 obs.

OCT 07, 1992 09h 34m 14.30±0.76s
20.948 N ±4.6km 121.052 E ±5.4km
DEPTH = 33.9 ± 7.7 km
4.7mb (22 obs.) 4.0msz (3 obs.)

PHILIPPINE ISLANDS REGION (248)

TWG 1.86 1 ePc 34 44.60 0.1
TWK 2.37 347 ePd 34 51.90 0.2

TWF1 2.40 5 eP 34 53.10 1.0
PIP 2.64 189 iPd 34 56.00 0.5

CVP 3.31 167 ePc 35 06.20 1.2
eS 35 46.00

TWQ 3.32 357 eP 35 05.60 0.4
SZP 3.43 190 iPd 35 12.00 5.3X

TWC 3.72 11 ePd 35 12.50 1.8
QZH 4.58 331 eP 35 21.50 -1.5

Z 14s 1.14um
N 14s 1.24um

S 36 10.50
HKC 6.54 283 iP 35 49.20 -1.5

MCO 7.07 281 eP 35 56.10 -2.1
GZH 7.46 288 iPd 36 01.40 -2.2

SSE 10.11 1 eP 36 50.00 9.9X
Z 20s 0.90um 6.3mb X

E 10s 0.30um

PLP 10.43 158 ePc 36 49.00 4.3X
QIZ 10.71 262 P 36 47.80 -0.7

NJ2 11.23 350 eP 36 56.00 0.5
N 12s 0.88um

WHN 11.30 329 P 36 54.00 -2.4
1.0s 18.00nm 5.2mb

Z 16s 1.79um 5.3msz
N 10s 0.65um

E 10s 0.58um

GYA 14.27 295 P 37 01.50
0.8s 19.00nm 4.8mb

Z 14s 1.56um 4.4mszX
N 12s 0.59um

E 12s 0.90um
TIA 15.59 348 eP 37 55.00 1.8
1.2s 40.00nm 4.5mb

XAN	16.89	323	P	38	09.90	0.2	MBC	76.43	12	ePd	46	01.20	-0.5	MRW	5.49	207	P	45	36.30	-0.5
	1.0s	14.00nm				4.0mb		1.0s	7.00nm			4.6mb		WEL	5.52	206	P	45	36.90	-0.2
Z	16s	0.88um				4.9MszX	ODZ	79.70	147	P	46	37.40	17.3X	TCW	5.64	210	Pc	45	37.70	-0.8
N	12s	0.52um					NB2	81.02	332	P	46	29.50	2.5	THZ	6.68	215	P	45	50.70	-0.3
E	12s	0.51um						0.9s	6.20nm			4.6mb		LTZ	7.78	213	P	46	04.50	0.2
KMI	17.36	287	eP	38	28.40		GEC2	85.26	321	P	46	50.90	1.9	MOZ	8.39	208	P	46	11.80	0.1
	14s	1.20um				3.6X		0.8s	1.33nm			4.2mb		BWZ	10.22	215	P	46	34.80	0.7
N	10s	0.60um					YKA	85.99	23	eP	46	52.00	-0.2	S.D. = 0.7 on 32 of 32 obs.						
E	12s	0.40um						0.8s	9.20nm			5.1mb		% OCT 07, 1992 09h 48m 38.80± 1.30s						
TIY	18.30	338	eP	38	28.20	0.9	KIC	120.28	291	PKP	53	03.80	-0.6	32.727 S ±12.6km 70.323 W ±16.1km						
	14s	0.58um					ZOBO	170.14	63	ePKP	54	25.00	4.0X	DEPTH = 100.0km (geophysicist)						
CD2	18.43	306	eP	38	29.70	0.8	S.D. = 1.3 on 57 of 64 obs.							CHILE-ARGENTINA BORDER REGION (127)						
	1.0s	57.00nm				4.7mb	% OCT 07, 1992 09h 40m 18.74± 0.93s							MD 3.6 (SAN).						
Z	14s	1.26um				4.6Msz	38.434 S ± 5.9km 175.937 E ± 6.0km							JACH 0.23 281 iP 48 53.45 -0.2						
N	12s	0.86um					DEPTH = 206.2 ± 9.3 km							PEL 0.52 216 iS+ 48 55.07 0.1						
LOE	18.59	262	eP	38	32.80	1.9	NORTH ISLAND, NEW ZEALAND (159)							FCH 0.60 177 iPd 48 55.78 -0.2						
BJI	19.48	349	eP	38	40.50	-0.8	PATZ	0.26	78	Pc	40	45.30	-0.8	ROCH 0.63 247 iP+ 48 56.39 0.3						
	1.0s	55.00nm				4.8mb	TAZ	0.49	66	P	40	46.00	-0.6	PCH 0.91 190 iPd 48 58.72 0.1						
Z	14s	0.59um				5.0MszX	WLZ	0.62	334	Pc	40	47.10	-0.2	TACH 1.06 209 iPd 49 00.16 0.0						
		eS	42	16.00					S		41	04.80		CHCH 1.23 193 iPd 49 02.38 0.1						
TSRJ	19.57	39	eP	38	43.40	1.1	WHH	0.63	136	P	40	46.10	-1.3	LCCH 1.29 234 iP 49 02.92 0.1						
SNY	20.93	5	eP	38	55.20	-1.2	NGZ	0.79	199	P	40	48.10	-0.2	CACH 1.41 189 eP 49 04.59 0.2						
Z	20s	0.49um				3.9Msz	CNZ	0.82	202	P	40	47.90	-0.6	LNV 1.53 216 eP 49 05.15 -0.6						
LZH	21.31	319	eP	39	01.50	1.0	MOZ	0.89	265	P	40	48.80	0.1	S.D. = 0.3 on 10 of 10 obs.						
	1.6s	40.00nm				4.6mb			eS		41	07.50		% OCT 07, 1992 10h 00m 18.86± 0.36s						
Z	17s	0.49um				4.0MszX	URZ	0.94	80	Pd	40	47.90	-1.1	6.511 S ±11.2km 105.357 E ±14.4km						
E	13s	0.33um							S		41	05.70		DEPTH = 40.0km (2 depth phases)						
MTMJ	21.36	40	eP	39	02.50	1.5	PAHZ	0.97	116	Pc	40	49.10	-0.2	5.2mb (9 obs.) 3.8Msz (1 obs.)						
HMC	21.42	340	P	39	03.40	1.8	MOH	1.18	127	Pd	40	51.10	0.5	SUNDA STRAIT (276)						
	1.2s	16.00nm				4.3mb	TTH	1.30	148	Pd	40	52.30	0.7	KGM 8.71 346 eP 02 31.00 5.6X						
Z	15s	0.94um				4.3MszX	WAHZ	1.30	166	Pc	40	52.00	0.3	IPM 11.83 338 eP 03 07.70 -0.4						
MAT	21.57	40	eP	39	04.00	1.0	BSZ	1.57	210	P	40	54.60	0.7	MBL 20.21 138 eP 04 52.30 -1.0						
	1.0s	21.00nm				4.5mb	NOZ	1.66	97	P	40	55.20	0.5	0.5s 23.00nm 4.8mb						
BTO	21.72	337	eP	39	05.50	0.9	KUZ	1.69	354	Pd	40	55.80	0.8	NST 22.64 347 eP 05 21.50 3.7X						
	15s	0.59um					NRZ	1.81	239	P	40	57.50	1.4	CHG 25.95 346 eP 05 50.50 1.0						
E	15s	0.44um					HBZ	2.05	67	Pd	40	59.00	0.5	WARB 28.19 136 eP 06 08.00 -2.0						
		ePP	39	30.50			PGZ	2.20	173	Pc	41	00.60	0.6	ASPA 32.30 125 eP 06 45.60 -0.9						
CHJJ	21.74	42	eP	39	04.20	-0.5	KIW	2.55	198	Pc	41	04.20	0.2	1.5s 10.90nm 4.5mb						
CN2	23.08	8	eP	39	16.40	-1.5	MTW	2.74	187	Pc	41	06.20	0.1	Z 20s 0.20um 3.8Msz						
	0.8s	4.00nm				4.0mb	CAW	2.75	194	Pc	41	06.50	0.2	GBA 34.17 306 P 07 04.00 1.3						
Z	18s	0.71um				4.2Msz	DIW	2.83	213	P	41	07.00	-0.2	PKI 38.99 331 P 07 43.00 -0.7						
YAMJ	23.74	40	eP	39	22.80	-1.5	MRW	2.95	198	Pc	41	08.70	0.2	GUN 39.05 332 P 07 44.04 -0.2						
MDJ	24.64	15	eP	39	33.00	0.0	BLW	2.95	187	P	41	08.70	0.1	0.4s 56.00nm 5.7mb						
	1.0s	18.00nm				4.6mb	WEL	2.99	197	P	41	09.20	0.3	DMN 39.16 331 P 07 45.06 0.0						
OFUJ	25.30	40	eP	39	37.70	-1.6	MOW	3.03	190	Pc	41	09.50	0.0	KKN 39.23 331 P 07 45.12 -0.5						
GTA	25.88	320	eP	39	45.00	0.1	TCW	3.06	204	Pc	41	09.90	0.2	GKN 39.72 331 P 07 49.24 -0.3						
	1.5s	15.00nm				4.4mb	ORZ	3.55	227	Pc	41	15.60	-0.2	ADE 41.76 137 iPd 08 06.60 0.5						
Z	16s	0.57um				4.2MszX	THZ	4.06	214	P	41	22.10	0.1	NDI 44.27 324 iPc 08 26.53 0.0						
E	11s	0.69um					LTZ	5.16	212	P	41	35.30	-0.7	BFD 45.57 137 eP 08 37.40 0.6						
ASAJ	29.24	33	eP	40	15.00	-0.2	MOZ	5.82	204	P	41	43.50	-0.9	BWA 48.43 131 iPd 09 01.50 2.0						
KUSJ	29.65	36	eP	40	18.50	-0.4	BWZ	7.60	215	eP	42	06.80	-0.8	CAN 49.24 132 iPd 09 06.40 0.7						
YSS	31.40	29	iPc	40	32.90	-1.3	DDZ	7.70	209	P	42	09.10	0.2	BRS 49.51 121 iPc 09 08.50 0.7						
	1.0s	20.00nm				4.9mb	S.D. = 0.6 on 33 of 33 obs.							MAIO 60.49 318 eP 10 26.00 -1.4						
Z	18s	0.30um				4.0Msz	% OCT 07, 1992 09h 44m 12.54± 3.00s							YAK 70.87 12 iPc 11 32.00 -1.5						
N	18s	0.30um					36.367 S ±18.4km 177.986 E ±18.9km							0.8s 37.00nm 5.4mb						
ZAK	32.55	339	eP	40	45.00	0.7	DEPTH = 314.3 ± 17.7 km							BUL 75.37 251 iPd 12 00.00 -0.8						
	1.0s	11.00nm				4.7mb	OFF E. COAST OF N. ISLAND, N.Z. (160)							OBN 83.41 327 ePc 12 44.00 0.8						
Z	15s	0.20um				3.9MszX	HBZ	1.26	169	P	44	55.60	-0.4	1.0s 35.00nm 5.4mb						
N	16s	0.19um					KUZ	1.86	258	Pd	44	58.40	-1.5	i 12 56.00 40km						
GUN	32.68	289	P	40	47.64	1.5	URZ	2.02	200	Pc	45	00.20	-0.8	SPA 83.53 180 iPd 12 43.50 -0.4						
PKI	33.08	289	P	40	50.48	0.9			S		45	28.70		0.5s 3.70nm 4.7mb						
KKN	33.21	289	P	40	51.54	1.0	TAZ	2.20	212	Pc	45	02.80	0.3	KAF 90.61 333 iP 13 19.40 1.3						
DMN	33.35	289	P	40	52.82	1.0	NOZ	2.25	179	Pc	45	03.90	1.1	0.5s 9.00nm 5.4mb						
GKN	33.79	289	P	40	56.14	0.6	WLZ	2.43	231	Pd	45	04.20	-0.2	NUR 91.06 331 iP 13 13.80 -6.3X						
BOD	37.20	354	eP	41	22.80	-1.1	PATZ	2.44	214	Pd	45	04.90	0.3	1.0s 23.30nm 5.5mb						
LAT	37.45	134	eP	41	27.10	0.6	PAHZ	2.60	196	P	45	06.10	0.2	HFS 96.43 330 eP 13 45.60 0.8						
GBA	42.18	267	P	42	09.00	3.3X	WHH	2.78	205	Pc	45	07.30	-0.4	0.4s 1.40nm 4.8mb						
ASPA	46.08	164	eP	42	36.60	-0.4	MOH	2.84	193	Pd	45	08.80	0.7	8DF 145.55 230 PKPc 19 55.40 -0.2						
	1.1s	17.60nm				4.9mb	WCZ	2.98	277	Pc	45	09.90	0.5	e 20 29.10						
WARB	47.16	173	eP	42	45.20	-0.3	TTH	3.30	196	P	45	13.40	0.8	e 20 33.00						
CTA	47.66	147	iPc	42	49.20	-0.3	MOZ	3.31	229	P	45	13.70	1.0	SIV 153.92 211 ePKP 20 16.00 7.8X						
TIK	50.90	3	iPc	43	12.00	-1.8	NGZ	3.38	213	P	45	13.60	0.0	CCH 154.82 199 ePKP 20 16.00 6.3X						
	1.2s	80.00nm				5.6mb	CNZ	3.43	214	P	45	13.80	-0.2							
Z	14s	0.30um				4.5MszX	WAHZ	3.57	201	Pc	45	15.40	0.0							
		i	43	17.00			BSZ	4.19	214	P	45	22.10	0.1							
OLP	52.32	154	eP	43	24.00	-1.1	NRZ	4.37	226	P	45	25.70	1.7							
	0.8s	20.00nm				5.1mb	PGZ	4.45	197	P	45	25.10	0.2							
NRI	52.41	346	ePc	43	23.00	-2.3	KIW	5.09	207	P	45	31.60								

07d 10h

CNCB 155.91 196 PKP 20 22.80 11.2X
 LPB 156.21 196 ePKP 20 20.00 8.2X
 ZOBO 156.45 196 ePKP 20 13.00 0.6
 S.D. = 1.0 on 26 of 33 obs.

? OCT 07, 1992 10h 12m 46.78± 3.71s
 40.608 N ± 32.6km 23.013 E ± 9.3km
 DEPTH = 10.0km (geophysicist)

GREECE (364)
 MD 1.4 (THE).

THE 0.04 303 ePg 12 48.73 -0.1
 eSg 12 49.92
 SOM 0.34 50 ePg 12 53.76 0.0
 eSg 12 59.00
 KNT 0.56 351 ePg 12 58.01 -0.1
 eSg 13 06.96
 GRG 0.58 307 ePg 12 58.72 0.2
 eSg 13 07.52
 S.D. = 0.3 on 4 of 4 obs.

% OCT 07, 1992 11h 19m 46.85± 0.55s
 39.363 N ± 4.8km 27.891 E ± 5.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

KCT 0.95 22 iPg 20 04.20 -0.8
 iSg 20 18.20
 EDC 0.98 359 iPg 20 05.50 0.0
 iSg 20 19.50
 BNT 0.99 1 iPg 20 05.20 -0.5
 iSg 20 18.20
 IZM 1.08 207 iPn 20 06.50 -0.7
 EZN 1.30 291 iPn 20 11.50 0.7
 KHL 1.64 129 ePn 20 16.50 0.5
 YLV 1.66 43 iPn 20 16.50 0.4
 CTT 1.83 13 ePn 20 19.00 0.4
 ISK 1.92 27 ePn 20 20.00 0.1
 GPA 2.08 63 ePn 20 22.00 -0.2
 EYL 2.12 55 ePn 20 23.00 0.2
 S.D. = 0.6 on 11 of 11 obs.

% OCT 07, 1992 11h 43m 41.66± 0.69s
 40.622 N ± 8.9km 29.877 E ± 5.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

EYL 0.22 105 iPg 43 46.40 -0.1
 HRT 0.26 322 iPg 43 47.20 0.1
 iSg 43 49.20
 YLV 0.39 262 iPg 43 49.80 0.2
 eSg 43 56.20
 GPA 0.47 135 ePg 43 51.30 0.1
 eSg 43 58.80
 CTT 1.22 296 ePg 44 04.20 -0.1
 KCT 1.22 253 ePn 44 04.20 -0.2
 S.D. = 0.2 on 6 of 6 obs.

% OCT 07, 1992 11h 47m 07.43± 0.63s
 39.308 N ± 5.5km 28.063 E ± 7.0km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

KCT 0.97 13 iPg 47 26.70 0.9
 iSg 47 41.20
 EDC 1.05 352 iPg 47 27.50 0.3
 iSg 47 41.50
 BNT 1.05 354 iPg 47 27.30 0.0
 IZM 1.10 215 iPn 47 28.00 -0.2
 EZN 1.44 292 iPn 47 33.50 0.0
 KHL 1.51 130 ePn 47 35.00 0.5
 YLV 1.61 38 ePn 47 37.00 1.0
 ISK 1.91 23 ePn 47 39.00 -1.4
 HRT 1.95 39 ePn 47 40.20 -0.7
 EYL 2.04 51 ePn 47 42.00 -0.4
 S.D. = 0.8 on 10 of 10 obs.

? OCT 07, 1992 12h 19m 36.88± 3.04s
 22.947 S ± 25.9km 66.113 W ± 18.9km
 DEPTH = 268.7 ± 32.0 km
 JUJUY PROVINCE, ARGENTINA (128)

YJA 0.96 36 iPd 20 14.50 0.0
 S 20 38.50
 ANT 4.03 258 iPc 20 42.30 0.0
 iS 21 28.30
 CCH 5.54 360 P 21 36.00 35.4X

CNCB 6.35 344 P 21 10.90 -0.1
 S 22 25.90
 LPB 6.65 343 (P) 21 16.00 1.5
 ZOBO 6.89 344 P 21 16.30 -1.4
 1.1s 14.50nm 3.9mb

SIV 8.39 35 P 21 36.00 0.0
 S.D. = 1.5 on 6 of 7 obs.

& OCT 07, 1992 13h 04m 28.32s
 35.972 N 120.527 W
 DEPTH = 5.6km
 CENTRAL CALIFORNIA (39)
 <GM-P>. MD 2.8 (GM). ML 2.7
 (PAS).

PHAM 0.17 142 iPd 04 32.41 0.5
 ABL 1.55 136 eP 04 56.05 -0.6
 ARN 1.59 330 eP 04 56.32 -0.9
 ISA 1.70 100 eP 04 57.69 -1.0
 CMB 2.06 3 eP 05 04.07 0.1
 MEMM 2.12 37 eP 05 05.97 1.3
 eLg 05 34.52
 BONR 2.66 41 eP 05 15.11 2.2
 GSC 3.10 101 eP 05 17.62 -1.3
 TNP 3.38 51 (P) 05 23.31 0.3
 TPNV 3.58 73 (P) 05 24.47 -1.3
 10 obs. associated

* OCT 07, 1992 13h 19m 49.63± 2.46s
 42.536 N ± 21.6km 23.969 E ± 10.1km
 DEPTH = 10.0km (geophysicist)

BULGARIA (359)
 MD 2.8 (THE).

SRS 1.45 191 ePb 20 14.90 -0.9
 eSb 20 37.14
 KNT 1.59 211 ePb 20 17.58 -0.3
 eSb 20 40.38
 VAY 1.60 221 iPn 20 18.00 0.0
 SOH 1.77 195 ePb 20 21.02 0.4
 eSb 20 46.98
 SKO 1.96 254 ePn 20 23.00 -0.3
 GRG 1.97 217 ePn 20 24.34 1.0
 OUR 2.20 180 ePn 20 26.70 0.0
 ALN 2.26 136 ePn 20 27.70 0.1
 S.D. = 0.7 on 8 of 8 obs.

% OCT 07, 1992 14h 54m 15.83± 1.22s
 38.090 S ± 7.0km 176.155 E ± 6.4km
 DEPTH = 214.9 ± 11.5 km
 NORTH ISLAND, NEW ZEALAND (159)

TAZ 0.31 117 P 54 43.40 -0.8
 WLZ 0.49 296 Pc 54 44.50 -0.2
 eS 55 01.40
 URZ 0.77 103 Pc 54 44.60 -1.4
 S 55 02.30
 WHH 0.84 162 P 54 45.70 -0.8
 PAHZ 1.04 138 P 54 47.30 -0.4
 TAHZ 1.14 156 eP 54 49.00 0.5
 MOZ 1.14 248 Pd 54 48.80 0.5
 S 55 10.50
 NGZ 1.17 202 P 54 48.60 -0.1
 CNZ 1.21 203 P 54 49.10 0.1
 MOH 1.30 144 Pd 54 49.80 0.3
 KUZ 1.38 345 Pd 54 50.60 0.4
 TTH 1.54 160 P 54 51.90 0.4
 NOZ 1.57 110 P 54 52.00 0.3
 WAHZ 1.61 175 P 54 52.50 0.3
 MAHZ 1.74 130 P 54 53.90 0.6
 HBZ 1.77 75 P 54 54.00 0.5
 BSZ 1.95 209 P 54 56.20 0.9
 PGZ 2.53 178 Pc 55 01.60 0.3
 KIW 2.93 199 P 55 06.00 0.1
 MTW 3.11 189 Pc 55 07.70 -0.2
 CAW 3.13 195 P 55 08.20 0.0
 DIW 3.21 212 P 55 09.50 0.3
 BLW 3.32 189 P 55 10.30 -0.1
 MRW 3.33 199 P 55 10.50 0.0
 S 55 49.30
 WEL 3.37 198 eP 55 10.90 0.0
 MOW 3.40 192 P 55 11.20 -0.2
 TCW 3.44 204 P 55 11.90 0.1
 LTZ 5.55 211 eP 55 38.10 -0.1
 eS 56 37.10
 MQZ 6.21 204 eP 55 45.40 -1.2

eS 56 50.70
 S.D. = 0.6 on 29 of 29 obs.

* OCT 07, 1992 14h 58m 22.06± 0.98s
 50.269 N ± 15.9km 18.974 E ± 6.3km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 ML 3.3 (WAR).

OJC 0.53 95 iPg 58 32.50 -0.3
 iSg 58 40.70
 SPC 1.36 142 ePn 58 47.70 0.5
 iSg 59 07.60
 Lg 59 10.00
 KSP 1.80 290 iPg 58 53.70 0.3
 0.7s 36.00nm
 VRAC 1.82 239 iPnc 58 53.00 -0.6
 0.5s 41.00nm
 eSg 59 16.10
 PSZ 2.43 165 e(P) 59 07.30 4.8X
 SRO 2.50 190 i(P) 59 47.90 44.6X
 PRU 2.87 266 ePg 59 13.50 4.9X
 Sg 59 52.50
 BRG 3.26 283 iPg 59 22.00 7.8X
 iSg 00 05.00
 GEC2 3.72 249 Pn 59 20.90 0.1
 Pg 59 27.20
 Sg 00 14.20
 S.D. = 0.6 on 5 of 9 obs.

* OCT 07, 1992 15h 35m 20.87± 1.04s
 66.962 N ± 9.7km 20.888 E ± 12.7km
 DEPTH = 10.0km (geophysicist)
 SWEDEN (536)
 MD 3.5 (BER).

KTk1 2.24 22 eP 35 59.02 0.5
 eSg 36 29.78
 TRO 2.78 346 eP 36 06.36 0.2
 LOF 3.05 296 eP 36 09.80 -0.2
 eSg 36 56.33
 ARA0 3.10 32 Pn 36 10.22 -0.5
 Pg 36 17.80
 Sn 36 47.64
 HFS 7.56 208 eP 37 13.80 0.1
 0.1s 1.00nm 4.9mb X
 S.D. = 0.5 on 5 of 5 obs.

OCT 07, 1992 15h 44m 26.60± 0.25s
 54.564 N ± 4.4km 161.045 W ± 3.0km
 DEPTH = 33.0km (normal)
 5.0mb (37 obs.) 4.2msz (5 obs.)
 ALASKA PENINSULA (12)
 ML 4.3 (PMR). Felt (III) at Sond Point.

SDN 0.84 22 iPd 44 42.89 0.9
 KDC 5.75 53 eP 45 49.28 -2.4X
 MCNL 5.91 36 eP 45 53.80 -0.4
 eS 47 02.71
 CDD 5.98 40 eP 45 54.97 -0.1
 eS 47 04.60
 SYI 6.27 46 eP 45 58.02 -1.1
 AUI 6.34 38 eP 46 00.13 0.0
 eS 47 11.23
 SVW 7.17 22 ePd 46 12.53 0.7
 HOM 7.23 41 eP 46 12.73 0.2
 RED 7.37 34 eP 46 15.92 1.3
 RDT 7.60 34 eP 46 17.94 0.1
 BGL 8.14 31 eP 46 25.38 0.0
 SPU 8.18 32 eP 46 25.27 -0.6
 CRP 8.21 32 (P) 46 26.43 -0.1
 SLKM 8.32 40 eP 46 27.21 -0.7
 TTA 8.79 15 eP 46 33.73 -0.6
 SUA 8.81 34 eP 46 33.17 -1.5X
 PTE 9.01 41 P 46 35.39 -1.8X
 PMS 9.06 38 eP 46 36.60 -1.4X
 KNIM 9.21 46 eP 46 37.17 -3.0X
 PMR 9.45 37 (P) 46 42.48 -0.8
 ADK 9.76 260 ePd 46 46.97 -2.6X
 SCM 10.25 39 eP 46 51.94 -2.6X
 ANM 10.27 349 eP 46 56.28 1.7
 KLU 10.59 43 eP 46 55.87 -3.2X
 TOA 10.85 40 ePd 47 01.00 -1.6X
 BALM 11.87 49 eP 47 13.54 -2.9X
 IMA 12.09 14 eP 47 19.31 -0.2

FBA	12.30	27 (P)	47 20.76	-1.3X	OBN	69.74	349 iPc	55 33.80	-0.9	SDN	11.18	62 eP	14 17.80	-1.4
ILT	15.75	335 iPc	48 17.00	9.8X		1.0s	24.00nm		5.2mb	SVW	15.77	43 eP	15 21.54	1.6
	1.0s	60.00nm		4.7mb	GYA	70.16	288 iPc	55 37.60	-0.3	KDC	16.06	56 eP	15 23.13	-0.4
Z	16s	1.80um		4.4MszX		1.0s	25.00nm		5.2mb	TTA	16.58	37 eP	15 30.85	0.6
N	16s	1.40um			FRU	72.00	320 eP	55 49.00	0.4		0.9s	10.54nm		4.0mb
E	16s	1.00um				1.4s	70.00nm		5.5mb	ILT	16.74	359 iPd	15 42.40	10.4X
PET	23.64	283 eP	49 36.50	1.3			e	56 01.00			1.7s	164.00nm		
	1.0s	130.00nm		5.4mb			e	56 12.00		Z	16s	1.00um		
Z	20s	0.45um		3.9Msz	CLL	74.38	4 iPc	56 02.00	-0.3	N	16s	0.80um		
YKA	25.00	53 eP	49 56.00	7.7X		1.2s	15.00nm		4.9mb	E	16s	0.50um		
	0.8s	2.90nm		3.9mb X	KSH	74.39	318 eP	56 01.20	-1.5			eS	18 48.00	
MGD	26.08	302 eP	50 00.00	1.5	BRG	74.85	3 eP	56 04.80	-0.2	BGL	17.24	45 (P)	15 37.58	-0.9
	1.1s	40.00nm		4.9mb	KSP	74.94	2 eP	56 05.60	0.0	CRP	17.35	45 ePd	15 41.41	1.5
Z	18s	0.50um		4.1Msz	MOX	74.98	5 eP	56 06.10	0.3	SPU	17.36	45 eP	15 40.45	0.5
E	18s	0.50um				1.4s	18.00nm		4.9mb	SLKM	17.95	48 ePc	15 45.91	-1.3
		e	50 09.00		OJC	75.59	359 eP	56 09.50	0.2	PMS	18.50	46 eP	15 54.40	0.4
MBC	26.70	21 ePd	50 03.80	-0.2	PRU	75.76	3 P	56 10.70	0.5	IMA	19.28	30 eP	16 02.11	-1.4
	1.0s	7.00nm		4.2mb	LSA	75.77	301 P	56 11.80	0.6		1.4s	23.26nm		4.2mb
TIK	33.50	327 iPd	51 04.00	-0.4	GRF	75.91	5 eP	56 12.00	0.8	MGD	19.61	309 eP	16 17.00	10.0X
	1.0s	13.00nm		4.8mb		1.5s	30.00nm		5.1mb	Z	16s	0.40um		
		e	52 30.00		KHC	76.58	4 P	56 15.50	0.6	N	16s	0.50um		
HVU	33.95	92 (P)	51 08.89	0.0		1.0s	7.00nm		4.6mb	E	16s	0.40um		
		eP	51 19.42	37kmX	SPC	76.62	359 eP	56 16.50	1.2			e	19 48.00	
TPNV	35.15	101 (P)	51 19.35	0.1	CDF	76.93	8 eP	56 17.10	0.2	SEY	19.74	318 eP	16 13.20	4.8X
	0.4s	2.38nm		4.5mb	HAU	77.25	9 eP	56 18.80	0.1	KLU	20.25	47 ePc	16 13.95	0.2
YSS	35.48	281 eP	51 20.90	-0.8		0.8s	7.00nm		4.7mb	TOA	20.31	45 eP	16 16.10	1.7
YAK	35.49	311 eP	51 20.00	-1.6	BSF	77.46	8 eP	56 20.00	0.1	FBA	20.71	37 eP	16 17.65	-0.8
	0.8s	37.00nm		5.4mb		0.9s	6.70nm		4.7mb		0.5s	2.99nm		3.9mb
Z	18s	0.40um		4.2Msz	LOR	77.74	10 eP	56 21.50	0.1	BALM	21.82	50 (P)	16 29.80	-0.1
E	18s	0.40um				0.8s	6.70nm		4.7mb	YSS	25.92	276 eP	17 09.20	-0.2
DAU	35.71	92 (P)	51 25.20	1.1	SSF	77.91	11 eP	56 22.60	0.4	Z	18s	0.40um		4.0Msz
GSC	36.01	104 eP	51 26.09	-0.3	MFF	77.92	13 eP	56 22.70	0.4	E	18s	0.50um		
		e	51 37.26			1.0s	17.20nm		5.0mb			e	17 17.00	
ARUT	36.19	98 (P)	51 27.83	-0.1	LBF	78.04	10 eP	56 22.90	-0.1	YAK	29.95	312 eP	17 45.10	-0.6
		e	51 38.48		AVF	78.16	11 eP	56 23.70	0.1	N	16s	0.60um		
MSU	36.43	96 eP	51 30.28	0.2		0.8s	5.65nm		4.6mb	MBC	33.54	22 eP	18 16.50	-0.5
		e	51 41.48		SMF	78.36	11 eP	56 24.80	0.1	MAT	34.35	262 eP	18 24.00	-0.4
MDJ	44.31	287 eP	52 34.20	-0.5		1.0s	1.40nm		3.9mb X		1.2s	15.63nm		4.8mb
BOD	44.33	310 eP	52 34.80	0.1	LSF	78.48	12 eP	56 25.70	0.3	MCW	34.80	72 eP	18 29.18	0.9
	0.9s	25.00nm		5.0mb		0.8s	8.85nm		4.8mb	MDJ	35.18	280 eP	18 30.10	-1.4
MAT	44.68	272 eP	52 38.00	0.2	TCF	78.52	12 eP	56 25.80	0.1	GMW	35.33	74 eP	18 33.57	0.8
	1.2s	39.06nm		5.1mb	GUN	79.83	304 P	56 34.14	0.6	LON	36.29	75 eP	18 40.98	0.1
DAG	46.77	11 iPd	52 53.50	-0.3		1.0s	123.00nm		5.9mb	SHW	36.30	76 (P)	18 41.70	0.6
	0.7s	10.96nm		4.9mb	LOE	80.11	286 eP	56 34.90	0.3	VGB	37.52	76 eP	18 51.33	0.1
CN2	47.12	289 Pd	52 57.00	-0.1	KKN	80.22	305 P	56 36.02	0.6			e	19 01.05	
	1.0s	18.00nm		5.0mb	PKI	80.34	304 P	56 36.54	0.3	DPW	37.93	71 eP	18 54.75	0.1
Z	24s	0.39um		4.3MszX	GKN	80.35	305 P	56 36.52	0.5	BOD	38.44	307 eP	18 57.90	-0.9
SNY	49.46	288 iPd	53 16.00	0.8	DMN	80.46	305 P	56 37.42	0.7		1.0s	8.00nm		4.5mb
	1.1s	29.00nm		5.2mb	CHG	80.52	289 eP	56 36.70	-0.1	LBFM	39.04	82 eP	19 04.40	0.1
ZAK	54.01	308 iPd	53 50.00	0.7	SKO	83.82	358 iP	56 54.80	1.2	SNY	40.38	280 eP	19 15.30	0.3
	18s	0.31um		4.4Msz	HYB	92.27	305 eP	57 35.00	0.5			pP	19 23.20	27kmX
E	18s	0.40um			SPA	144.38	180 ePKP	04 03.80	4.3X	SES	40.90	64 eP	19 19.00	-0.2
MOY	54.14	310 eP	53 50.10	-0.1		1.0s	3.50nm					pP	19 27.00	27kmX
BJI	54.75	291 eP	53 55.00	0.1	BUL	144.86	344 iPKPd	04 00.40	-1.4	CIT	41.12	299 eP	19 22.50	1.5
TIA	56.97	287 eP	54 10.50	-0.5		0.9s	15.55nm			ARN	41.62	87 eP	19 25.60	0.3
BTO	57.64	296 eP	54 14.00	-1.8						LCCM	42.70	70 eP	19 33.20	-1.0
SSE	58.43	280 Pc	54 21.50	0.4						KVN	42.74	82 (P)	19 35.22	0.6
	1.0s	9.00nm		4.8mb						BONR	43.28	84 eP	19 39.64	0.5
TIY	58.45	292 eP	54 21.40	0.0						HVU	44.42	76 eP	19 47.82	-0.4
XAN	63.09	291 Pc	54 52.20	-0.7								eP	19 57.09	31kmX
	0.8s	5.00nm		4.7mb						TPNV	45.18	84 eP	19 54.99	0.6
KAF	63.52	356 eP	54 54.10	-1.2							0.6s	4.13nm		4.5mb
	0.3s	6.10nm		5.2mb	CCH	3.83	12 eP	50 30.00	-0.3	DUG	45.33	78 eP	19 55.29	-0.2
GTA	63.75	301 Pc	54 56.50	-0.8	ANT	4.06	230 eP	50 33.00	0.0		0.7s	4.47nm		4.5mb
	1.4s	42.00nm		5.4mb			iS	51 16.00		GSC	45.87	86 eP	19 59.43	-0.3
Z	18s	0.51um		4.7Msz	CNCB	4.41	348 iPc	50 38.30	0.2	BJI	45.99	283 eP	20 00.00	-0.4
		pP	55 07.00	34kmX	LPB	4.70	347 iPc	50 42.20	0.4	DAU	46.15	76 ePc	20 02.04	-0.1
		sP	55 09.00			0.9s	134.45nm			MSU	46.74	79 ePc	20 05.97	-0.8
SVE	63.92	336 ePc	54 57.20	-0.7	ZOBO	4.95	347 iPc	50 44.70	-0.5	EMUT	46.78	77 eP	20 07.80	0.7
LZH	64.24	296 iPc	55 00.00	-0.5			S	51 40.20		SRU	47.39	77 eP	20 10.95	-0.9
	2.0s	51.00nm		5.3mb	ARE	6.31	317 eP	50 57.00	-5.8X	ZAK	47.54	302 eP	20 13.50	1.0
Z	15s	0.29um		4.6MszX			iS	52 03.00			1.2s	12.00nm		4.8mb
NB2	64.58	4 P	55 01.50	-0.8	SIV	7.60	49 iPd	51 20.00	0.2	TIA	47.77	278 eP	20 15.00	0.4
	0.9s	21.50nm		5.2mb	ITB1	12.13	109 P	52 29.00	10.0X	MOY	48.04	304 eP	20 16.30	-0.1
ARU	64.76	337 eP	55 03.00	-0.4	BAO	18.84	76 Pd	53 40.00	-0.1	RSSD	48.27	68 eP	20 18.38	-0.3
NUR	65.19	357 iP	55 05.20	-0.9			e	53 43.00			0.5s	2.48nm		4.5mb
	0.3s	8.50nm		5.3mb						HHC	48.30	287 eP	20 20.80	2.0
HFS	65.57	3 eP	55 06.90	-1.7							1.0s	11.00nm		4.8mb
	0.5s	5.80nm		4.9mb						Z	15s	0.59um		4.7MszX
WMQ	65.92	312 P	55 11.50	0.3						BTO	49.38	287 eP	20 25.00	-2.1
	1.0s	28.00nm		5.3mb						TIY	49.72	283 eP	20 30.50	0.8
		pP	55 16.30	15kmX						GOL	50.16	73 eP	20 33.37	0.1
CD2	68.27	293 eP	55 26.60	0.4							0.7s	11.19nm		5.0mb
	0.8s	29.00nm		5.4mb						TUC	51.61	84 eP	20 43.28	-0.9
EKA	68.97	13 Pd	55 30.30	0.3							0.8s	5.28nm		4.6mb
	0.9s	10.10nm		4.9mb	ADK	0.99	47 iPc	11 56.00	-0.4			epP	20 52.10	29kmX
					SMY	5.19	290 e(P)	13 10.80	14.6X					

S.D. = 0.7 on 90 of 103 obs.

* OCT 07, 1992 15h 49m 30.69±0.91s
 21.142 S ±11.5km 66.997 W ±17.2km
 DEPTH = 173.5 ±30.7 km

SOUTHERN BOLIVIA (125)

CCH	3.83	12 eP	50 30.00	-0.3
ANT	4.06	230 eP	50 33.00	0.0
		iS	51 16.00	
CNCB	4.41	348 iPc	50 38.30	0.2
LPB	4.70	347 iPc	50 42.20	0.4
	0.9s	134.45nm		
ZOBO	4.95	347 iPc	50 44.70	-0.5
		S	51 40.20	
ARE	6.31	317 eP	50 57.00	-5.8X
		iS	52 03.00	
SIV	7.60	49 iPd	51 20.00	0.2
ITB1	12.13	109 P	52 29.00	10.0X
BAO	18.84	76 Pd	53 40.00	-0.1
		e	53 43.00	

S.D. = 0.4 on 7 of 9 obs.

OCT 07, 1992 16h 11m 38.87±0.31s
 51.221 N ±7.7km 177.859 W ±3.1km
 DEPTH = 33.0km (normal)
 4.7mb (21 obs.) 4.0Msz (1 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	0.99	47	iPc	11	56.00	-0.4
SMY	5.19	290	e(P)	13	10.80	14.6X

07d 16h

XAN 54.27 282 eP 21 03.50 -0.3
 LZH 55.99 287 eP 21 10.50 23kmX
 2.0s 30.00nm 5.0mb
 Z 15s 0.29um 4.5MsZx
 pP 21 24.50 26kmX
 sP 21 28.50
 GTA 56.17 292 eP 21 16.30 -1.4
 1.2s 29.00nm 5.2mb
 Z 16s 0.46um 4.7MsZx
 E 12s 0.38um 5.0mb
 pP 21 25.00 28kmX
 UKR 56.56 311 eP 21 21.50 1.4
 JFWS 56.86 61 (P) 21 20.89 -1.5
 0.6s 11.14nm 5.1mb
 eP 21 28.73 26kmX
 WMO 59.92 303 eP 21 42.00 -1.9
 Z 16s 0.52um 4.8MsZx
 MIAR 60.62 70 eP 21 47.49 -1.1
 1.1s 15.12nm 5.0mb
 eP 21 56.22 29kmX
 OLY 61.20 68 (P) 21 54.22 1.7
 NAV 65.94 60 eP 22 23.08 -0.6
 eP 22 31.46 27kmX
 NB2 67.86 355 P 22 34.20 -1.2
 0.6s 1.20nm 4.2mb
 LSA 68.05 290 Pc 22 39.00 1.4
 0.4s 7.00nm 5.1mb
 GUN 72.46 293 P 23 04.20 -0.1
 KKN 72.90 293 P 23 06.80 0.1
 PKI 72.99 293 P 23 07.30 -0.1
 GKN 73.11 294 P 23 07.66 -0.2
 DMN 73.14 293 P 23 08.82 0.7
 KHC 79.55 352 eP 23 36.50 -7.1X
 e 23 45.50
 GEC2 79.82 352 P 23 47.40 2.3
 0.7s 0.96nm 3.9mb
 LDF 80.55 2 eP 23 50.60 1.8
 0.6s 11.00nm 5.0mb
 LOR 81.88 359 eP 23 54.50 -1.3
 SSF 82.09 359 eP 23 55.60 -1.3
 MFF 82.54 2 eP 23 59.90 0.7
 LSF 82.91 0 eP 24 01.70 0.5
 0.7s 7.05nm 4.9mb
 LFF 84.21 1 eP 24 07.90 0.1
 CAF 84.24 0 eP 24 08.10 0.1
 LPO 84.47 1 eP 24 09.20 0.0
 HYB 84.82 291 eP 24 19.40 8.1X
 GBA 88.48 290 P 24 38.00 8.8X
 MAW 146.72 218 e(PKP) 31 16.00 0.4
 1.0s 13.00nm
 S.D. = 1.0 on 79 of 86 obs.

OCT 07, 1992 16h 27m 29.47 ± 0.58s
 1.712 N ± 6.6km 125.946 E ± 10.2km
 DEPTH = 33.0km (normol)
 5.3mb (1 obs.)

NORTHERN MOLUCCA SEA (266)

BIP 6.48 3 eP 29 05.50 0.5
 CGP 6.81 350 iP 29 09.00 -0.7
 eS 30 30.50
 TSM 8.46 288 ePd 29 31.60 -1.1
 0.8s 524.50nm 6.7mb X
 MKS 9.45 223 iPd 29 48.20 1.8
 KKM 10.62 294 ePd 30 03.80 1.2
 0.7s 102.70nm 6.2mb X
 MTN 15.35 161 eP 31 05.00 -0.5
 MBL 23.51 194 eP 32 37.00 -0.5
 OIS 25.86 150 eP 33 00.40 0.3
 ASPA 26.39 163 ePc 33 04.30 -0.6
 0.5s 37.20nm 5.3mb
 eS 37 32.70
 WARB 27.74 179 eP 33 17.20 0.0
 MRWA 32.20 196 eP 33 55.70 -1.1
 BAL 33.32 195 eP 34 05.50 -1.1
 KLB 34.02 193 eP 34 12.00 -0.6
 MUN 34.76 195 eP 34 18.00 -0.9
 ADE 38.40 163 eP 34 50.80 1.1
 TOO 43.08 157 eP 35 30.00 1.8
 HYB 49.09 292 eP 36 34.00 17.9X
 GBA 49.40 286 P 36 15.00 -3.4X
 S.D. = 1.1 on 16 of 18 obs.

* OCT 07, 1992 17h 04m 15.64 ± 2.17s
 60.524 N ± 8.7km 4.734 E ± 18.2km

DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 ML 1.4 (NAO). MD 1.6 (BER).

ASK 0.23 100 eP 04 20.40 -0.2
 eS 04 23.04
 BER 0.33 115 eP 04 22.44 0.0
 eS 04 27.27
 EGD 0.35 136 eP 04 23.07 0.2
 SUE 0.53 1 eP 04 26.33 -0.1
 eS 04 34.25
 HYA 0.96 47 eP 04 34.40 0.5
 eS 04 47.24
 ODD1 1.13 122 eP 04 36.91 0.1
 eS 04 53.05
 NRA0 3.36 83 Pn 05 08.72 -0.5
 Pg 05 17.71
 Sg 05 58.66
 S.D. = 0.4 on 7 of 7 obs.

OCT 07, 1992 17h 04m 41.78 ± 0.43s
 42.035 N ± 4.2km 20.059 E ± 3.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.6 (TTG). 2.5 (TIR).

KKS 0.27 81 ePg 04 48.50 1.1
 iSg 04 53.00
 SDA 0.42 273 iPg 04 50.60 0.3
 iSg 04 55.70
 PHP 0.45 141 iPg 04 49.40 -1.6
 iSg 04 57.90
 LACI 0.48 213 iPg 04 52.10 0.6
 iSg 04 58.60
 PVY 0.56 354 iPg 04 52.99 -0.3
 iSg 05 02.32
 ULC 0.61 264 iPg 04 53.62 -0.4
 iSg 05 03.13
 TIR 0.70 192 ePg 04 56.00 0.4
 iSg 05 08.00
 TTG 0.71 304 iPg 04 54.98 -0.8
 iSg 05 06.48
 IVA 0.85 352 iPg 04 58.19 0.1
 iSg 05 11.83
 BDV 0.95 286 iPg 04 59.78 -0.1
 iSg 05 14.97
 SKO 1.03 93 ePg 04 59.80 -1.5
 i 05 02.50
 iSg 05 16.00
 NKY 1.11 315 iPg 05 02.56 0.0
 iSg 05 19.97
 HCY 1.23 290 iPg 05 04.82 0.2
 iSg 05 24.36
 PLE 1.38 339 iPg 05 07.72 0.5
 iSg 05 28.99
 BRY 1.42 308 iPg 05 07.74 0.0
 iSg 05 30.21
 VAY 2.01 110 ePn 05 17.70 1.6
 S.D. = 0.9 on 16 of 16 obs.

OCT 07, 1992 17h 19m 16.97 ± 0.77s
 31.089 S ± 9.2km 68.220 W ± 6.6km
 DEPTH = 122.1 ± 10.3 km
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 3.9 (SAN).

CFA 0.52 182 iPc 19 35.00 -0.5
 S 19 47.00
 ZON 0.60 221 iPd 19 36.00 -0.1
 eS 19 46.00
 RTCB 0.63 231 eP 19 36.40 0.0
 RTCV 0.82 199 iPd 19 37.20 -0.6
 RTBS 1.20 241 iPc 19 42.20 0.7
 RTPR 1.67 62 iPc 19 47.30 0.5
 (S) 19 55.60
 MRA 2.51 122 ePc 19 58.20 0.7
 JACH 2.57 231 iP 19 59.39 1.0
 iS 20 32.39
 FCH 2.84 218 iP+ 20 03.20 1.0
 iS 20 38.95
 PEL 2.93 225 iP+ 20 03.43 0.3
 iS 20 39.10
 ROCH 3.02 231 iP 20 04.29 -0.2
 iS 20 39.82
 TCA 3.12 96 iP 20 05.60 -0.1
 (S) 20 06.20
 PCH 3.18 217 iP 20 07.35 0.8

iS 20 45.76
 CYA 3.38 39 iPc 20 08.60 -0.5
 TACH 3.44 221 iP+ 20 09.58 -0.3
 CHCH 3.50 215 iP+ 20 10.86 0.1
 CACH 3.63 213 iP+ 20 13.40 0.9
 RFA 3.68 183 eP 20 12.30 -0.8
 (S) 20 46.70
 LCCH 3.70 229 iP 20 12.47 -0.9
 LNV 3.93 222 iPd 20 14.60 -1.8
 S.D. = 0.8 on 20 of 20 obs.

& OCT 07, 1992 17h 26m 17.35s
 33.190 N 115.602 W
 DEPTH = 3.3km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.3 (PAS).

GLA 0.67 102 (P) 26 29.43 -1.2
 PLM 1.07 279 eP 26 36.21 -2.0
 PEC 1.48 299 ePn 26 42.37 -2.5
 SSK 2.02 301 eP 26 50.63 -2.2
 GSC 2.33 335 (Pn) 26 56.22 -1.0
 ePg 27 01.44
 ISA 3.42 317 (Pn) 27 11.23 -1.5
 ABL 3.43 300 (P) 27 10.14 -2.9
 TPNV 3.79 352 (P) 27 20.52 2.5
 TUC 4.15 101 eP 27 19.07 -4.0
 BCH 4.21 299 (P) 27 22.09 -1.9
 MEMM 5.23 330 (P) 27 50.38 12.1
 BONR 5.24 336 (Pn) 27 40.20 1.5
 MSU 6.00 27 (Pn) 27 46.85 -2.5
 13 obs. associated

OCT 07, 1992 20h 03m 45.83 ± 0.83s
 46.841 N ± 5.7km 7.267 E ± 9.3km
 DEPTH = 10.0km (geophysicist)
 SWITZERLAND (544)
 ML 2.2 (LDG).

BSF 1.04 342 Pg 04 05.10 -0.5
 Sg 04 18.30
 FEL 1.15 26 ePn 04 07.28 -0.2
 HAU 1.32 332 Pg 04 09.20 -1.0
 Sg 04 25.90
 LPL 1.38 196 Pg 04 11.10 -0.2
 LPG 1.39 195 Pg 04 11.30 -0.2
 CDF 1.57 0 Pg 04 15.20 1.3
 Sg 04 35.80
 LBF 2.26 275 Pg 04 23.30 -0.5
 Sg 04 50.10
 SMF 2.36 266 Pg 04 25.60 0.3
 Sg 04 53.60
 LOR 2.37 282 Pg 04 26.40 1.0
 Sg 04 54.00
 S.D. = 0.9 on 9 of 9 obs.

% OCT 07, 1992 20h 27m 08.55 ± 1.14s
 39.352 N ± 7.9km 27.087 E ± 12.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

KCT 0.97 22 iPg 27 27.10 0.2
 EDC 0.99 359 iPg 27 27.50 0.1
 eSg 27 41.50
 BNT 1.00 1 ePg 27 27.20 -0.3
 IZM 1.07 207 iPn 27 28.70 0.0
 EZN 1.30 292 ePn 27 32.60 0.1
 S.D. = 0.3 on 5 of 5 obs.

? OCT 07, 1992 20h 54m 22.23 ± 6.03s
 31.932 S ± 53.8km 70.943 W ± 20.0km
 DEPTH = 90.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.8 (SAN).

JACH 0.80 158 iPd 54 39.98 -0.2
 iS 54 52.89
 ROCH 1.04 183 iP+ 54 42.91 0.0
 iS 54 58.03
 PEL 1.23 170 iPd 54 45.03 0.0
 iS 55 01.38
 FCH 1.50 159 iP 54 48.79 0.1
 iS 55 07.93
 LCCH 1.63 199 iP 54 50.51 0.5
 iS 55 12.03
 TACH 1.72 180 iP 54 51.01 -0.2
 iS 55 12.86

07d 20h

PCH 1.72 168 iP 54 51.50 0.1
 iS 55 12.90
 LNV 2.06 191 iPd 54 55.10 -0.6
 iS 55 20.08
 CACH 2.20 173 iP 54 57.95 0.2
 iS 55 25.64
 S.D. = 0.3 on 9 of 9 obs.

OCT 07, 1992 21h 41m 14.28±0.57s
 30.550 N ± 2.8km 35.209 E ± 7.4km
 DEPTH = 10.0km (geophysicist)
 DEAD SEA REGION (373)
 MD 4.0 (RYD).

SHWJ 0.30 123 Pc 41 21.78 1.1
 NAQJ 0.60 155 Pd 41 26.83 0.2
 AOBJ 0.83 190 Pc 41 31.60 1.3
 MRSJ 0.87 173 Pc 41 31.35 0.3
 GHZJ 0.96 91 Pd 41 32.40 -0.3
 HITJ 0.97 146 Pc 41 32.77 -0.1
 QTRJ 1.02 42 Pc 41 33.97 0.4
 MKRJ 1.07 20 Pc 41 35.04 0.6
 MDRJ 1.22 154 Pc 41 36.83 -0.3
 MASJ 1.25 20 Pd 41 37.71 0.1
 HQL 1.28 186 ePd 41 37.42 -0.6
 eS 42 08.60
 KFNJ 1.37 17 Pd 41 39.36 0.0
 CSTJ 1.39 65 Pd 41 39.53 -0.2
 MDSJ 1.40 39 Pd 41 39.69 -0.3
 SALJ 1.51 16 Pc 41 41.63 0.2
 BURJ 1.76 17 Pc 41 45.01 -0.1
 HLBJ 1.79 31 Pd 41 44.62 -0.9
 JARJ 1.80 20 Pd 41 36.86 -0.7X
 AYN 1.81 157 ePd 41 44.00 -1.7
 eS 42 15.00
 S.D. = 0.7 on 18 of 19 obs.

& OCT 07, 1992 21h 41m 33.01s
 34.582 N 116.622 W
 DEPTH = 5.3km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

GSC 0.73 348 ePc 41 46.68 -1.0
 PEC 0.82 213 eP 41 47.98 -1.4
 SSK 0.96 248 eP 41 50.58 -1.3
 PLM 1.24 189 eP 41 55.78 -0.9
 GLA 2.14 135 (Pn) 42 07.03 -2.8
 e 42 41.47
 ABL 2.16 278 (P) 42 09.79 -0.5
 TPNV 2.38 7 (Pn) 42 12.48 -1.0
 BONR 3.63 339 (Pn) 42 31.87 0.6
 ePc 42 40.88
 8 obs. associated

? OCT 07, 1992 22h 24m 36.58±8.60s
 10.349 N ±42.9km 59.954 W ±70.2km
 DEPTH = 90.0km (geophysicist)
 NORTH ATLANTIC OCEAN (402)
 MD 3.7 (TRN).

TBH 1.10 277 eP 24 57.88 0.1
 eS 25 17.80
 TRN 1.46 282 eP 25 01.65 -0.5
 eS 25 25.45
 TPP 1.47 269 eP 25 02.89 0.5
 eS 25 25.31
 TCE 1.80 281 eP 25 06.25 -0.5
 eS 25 31.55
 GRW 2.46 317 eP 25 16.25 0.6
 SVB 3.17 336 eP 25 25.27 -0.1
 eS 26 06.47
 SVV 3.20 337 eP 25 25.47 -0.2
 eS 26 07.57
 S.D. = 0.5 on 7 of 7 obs.

% OCT 07, 1992 22h 58m 41.86±1.26s
 44.350 N ± 6.4km 7.293 E ±15.9km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.9 (LDG).

SBF 0.50 168 Pg 58 52.00 0.0
 Sg 58 58.90
 FRF 0.92 211 Pg 58 59.60 0.2
 Sg 59 11.90
 LRG 1.12 217 Pg 59 03.00 0.2

LMR 1.16 209 Sg 59 18.60
 Pg 59 03.20 -0.4
 LPG 1.21 342 Pg 59 19.50
 Sg 59 04.60 0.0
 Sg 59 20.40
 S.D. = 0.3 on 5 of 5 obs.

% OCT 07, 1992 23h 58m 26.57±1.16s
 31.809 S ±19.0km 69.712 W ±17.1km
 DEPTH = 140.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 3.7 (SAN).

ZON 0.92 74 iPd 58 49.90 -0.1
 eS 59 03.90
 JACH 1.15 220 iPd 58 52.67 0.5
 iS 59 10.89
 PEL 1.56 211 iP+ 58 56.53 0.0
 iS 59 17.39
 FCH 1.59 198 iPd 58 57.46 0.4
 iS 59 18.97
 ROCH 1.60 223 iPd 58 57.22 0.2
 iS 59 18.79
 PCH 1.93 200 iPd 59 00.81 0.1
 iS 59 25.90
 TACH 2.11 209 iPd 59 02.48 -0.4
 iS 59 28.94
 CHCH 2.26 200 iP+ 59 04.91 0.1
 iS 59 32.38
 LCCH 2.28 223 iP+ 59 05.09 0.1
 CACH 2.42 198 iPd 59 07.01 0.2
 iS 59 37.09
 LNV 2.57 213 iP+ 59 07.59 -1.0
 iS 59 37.57
 S.D. = 0.5 on 11 of 11 obs.

% OCT 08, 1992 00h 06m 47.03±1.45s
 41.193 N ±14.7km 28.552 E ± 5.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

CTT 0.10 244 iPg 06 50.00 0.2
 ISK 0.40 108 iPg 06 55.00 -0.3
 iSg 07 00.50
 HRT 0.92 113 iPg 07 05.00 0.3
 eSg 07 18.00
 KCT 0.95 189 iPg 07 05.00 -0.2
 iSg 07 17.50
 BNT 0.96 210 iPg 07 05.50 0.1
 iSg 07 19.00
 EDC 0.99 212 iPg 07 06.00 0.1
 iSg 07 21.00
 MFT 1.04 248 iPg 07 06.50 -0.3
 S.D. = 0.3 on 7 of 7 obs.

? OCT 08, 1992 00h 27m 10.58±1.31s
 36.799 N ±26.0km 143.965 E ±13.7km
 DEPTH = 20.5km (2 depth phases)
 4.2mb (8 obs.) 4.1msz (1 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)

MAT 4.63 269 iPd 28 23.40 2.2
 eS 29 12.00
 MDJ 13.40 310 eP 30 24.20 2.2
 CN2 15.75 302 eP 30 59.00 6.3X
 1.0s 6.10nm 3.7mb
 Z 16s 0.53um 3.9mszX
 N 11s 0.28um
 E 11s 0.28um
 esP 31 08.00
 SNY 16.55 294 eP 31 02.30 -0.6
 TIA 21.56 277 eP 31 58.80 -1.9
 Z 16s 0.71um 4.2mszX
 BJ1 21.98 287 eP 31 58.00 -6.8X
 Z 14s 0.29um 3.8mszX
 TIY 25.06 282 eP 32 34.20 -0.8
 WHN 25.36 264 Pc 32 42.30 4.5X
 pP 32 48.00 20km
 HHC 25.48 289 eP 32 37.00 -2.0
 Z 20s 0.62um 4.1msz
 BTO 26.67 289 eP 32 45.80 -4.2X
 YAK 26.76 345 eP 32 54.50 4.0X
 1.3s 15.00nm 4.5mb
 e 33 34.00 197kmX
 i 37 21.00
 e 41 08.00
 XAN 28.60 275 eP 33 07.00 -0.5

LZH 32.12 281 pP 33 17.50 38kmX
 eP 33 38.00 -0.8
 1.5s 16.00nm 4.7mb
 Z 15s 0.29um 4.1mszX
 pP 33 44.00 21km
 GYA 33.21 263 P 33 52.20 3.9X
 GTA 34.58 288 eP 33 59.00 -1.1
 1.0s 9.00nm 4.6mb
 Z 16s 0.51um 4.4mszX

WMO 42.77 298 P 35 09.00 0.8
 GUN 49.21 277 P 36 00.96 1.1
 PKI 49.74 277 P 36 04.74 0.8
 KKN 49.74 277 P 36 04.00 0.2
 GKN 50.16 278 P 36 07.68 0.7
 KSH 52.38 295 eP 36 24.00 0.4
 YKA 62.98 31 eP 37 39.00 1.3
 0.7s 1.00nm 4.1mb
 GBA 63.24 267 P 37 43.00 3.0X
 HFS 75.13 337 eP 38 50.10 -2.5
 0.5s 0.90nm 4.0mb
 NB2 75.18 338 P 38 51.90 -1.0
 0.8s 3.10nm 4.4mb
 GEC2 83.97 330 PKP 39 41.20 0.7
 0.6s 0.40nm 3.8mb
 ZOBO 145.01 63 PKP 46 55.20 6.0X
 LPB 145.20 63 ePKP 46 50.00 0.8
 CNCB 145.47 63 PKP 46 57.50 7.6X
 CCH 147.16 62 (PKP) 47 01.00 8.7X
 SIV 149.63 54 ePKP 47 04.00 8.2X
 S.D. = 1.4 on 20 of 31 obs.

? OCT 08, 1992 01h 50m 54.72±2.20s
 11.698 N ±33.2km 87.155 W ±60.6km
 DEPTH = 10.0km (geophysicist)
 3.9mb (1 obs.)

NEAR COAST OF NICARAGUA (74)

UYO 23.34 345 iPd 56 04.50 0.5
 EEO 35.49 10 eP 57 55.50 2.0
 SIV 37.72 136 eP 58 13.00 0.4
 JAO 42.98 10 eP 58 53.50 -2.1
 BAO 47.33 124 e(P) 59 31.00 0.0
 e 59 38.00
 e 00 02.00
 e 00 13.00
 e 00 21.00
 BDF 47.42 124 Pc 59 31.50 -0.2
 e 59 36.60
 e 59 53.00
 e 00 03.50
 e 00 20.20
 YKA 54.41 345 eP 00 23.50 -0.5
 0.8s 1.10nm 3.9mb
 S.D. = 1.5 on 7 of 7 obs.

& OCT 08, 1992 01h 58m 33.90s
 61.704 N 148.036 W
 DEPTH = 36.1km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 2.8 (AEIC).

SML 0.18 307 iPd 58 40.07 -0.6
 eS 58 45.31
 KNK 0.35 215 iPd 58 42.17 -0.4
 eS 58 48.70
 SCM 0.36 69 iPd 58 42.03 -0.7
 iS 58 48.84
 GH0 0.43 280 iPc 58 42.72 -0.9
 iS 58 50.32
 PLRM 0.53 258 iPc 58 43.98 -1.0
 iS 58 52.15
 PMR 0.53 258 iPc 58 43.66 -1.3
 S 58 51.85
 PMS 0.86 238 iPd 58 49.27 -0.5
 eS 59 00.57
 PWA 0.88 267 P 58 49.00 -0.9
 S 59 00.70
 GLI 0.94 151 ePc 58 49.87 -0.9
 eS 59 03.39
 VZW 0.96 132 ePc 58 49.90 -1.2
 PTE 0.97 210 iPd 58 50.49 -0.6
 S 59 03.98
 TOA 0.97 65 P 58 51.00 -0.2
 S 59 05.30
 VLZ 1.00 124 ePc 58 50.14 -1.4
 KLU 1.03 101 iPc 58 51.06 -1.1
 iS 59 04.27

08d 01b

FID	1.22	141	ePc	58	53.90	-0.8	LSD	0.86	356	P	07	47.21	0.3			e	52	01.00				
TZL	1.28	73	eP	58	55.87	0.2				S	07	57.97		GEC2	3.69	250	Pg	52	03.00	7.9X		
SUA	1.32	261	ePc	58	55.80	-0.4	CALN	0.89	197	Pg	07	47.89	0.5			Sg	52	51.30				
			eS	59	13.96		PCP	0.93	93	P	07	48.23	0.2									
KNIM	1.37	174	ePd	58	56.25	-0.6				S	07	59.31				S.D. = 1.5	on	5 of	8 obs.			
MPA	1.38	208	ePd	58	56.66	-0.4	LPG	0.96	339	Pg	07	48.70	0.0									
SDG	1.43	54	iPd	58	57.78	-0.1				Sg	08	00.50		& OCT 08, 1992	03h	54m	40.07s					
			eS	59	15.60		LPL	0.98	339	Pg	07	49.10	0.1			61.759 N		150.725 W				
HUR	1.48	330	eP	58	58.22	-0.4				Sg	08	01.00				DEPTH = 55.5km						
HIN	1.51	150	ePc	58	58.65	-0.4	FRF	1.13	203	Pn	07	55.00	3.6X			SOUTHERN ALASKA		(2)				
SLKM	1.60	222	ePc	59	00.26	-0.1				Pg	07	55.70				<AEIC>. ML 3.3 (AEIC), 3.2						
SKT	1.68	281	iPc	59	01.11	-0.4				Sg	08	12.20				(PMR).						
PAX	1.75	42	iPd	59	02.36	-0.1	LMR	1.38	203	Pn	07	55.60	0.2			SUA	0.30	182	iPd	54	50.17	0.2
			S	59	24.53					Pg	07	56.40										
SEW	1.75	204	eP	59	02.13	-0.2				Sg	08	14.30				PWA	0.42	105	iPc	54	51.00	0.1
RND	1.75	348	eP	59	02.30	-0.2	PGF	2.42	148	Pn	08	10.10	-0.4			SKT	0.44	301	iPd	54	50.56	-0.6
NKA	1.82	240	eP	59	05.32	1.9	BGF	3.65	304	Pn	08	28.80	0.8									
SGAM	1.83	130	eP	59	02.97	-0.6				S.D. = 0.4	on	26 of	27 obs.			PMS	0.76	132	iPc	54	54.50	-0.5
CGLM	1.94	260	eP	59	05.28	0.0										CGLM	0.76	234	iPd	54	54.44	-0.6
NGC	2.00	263	iPc	59	06.15	0.1										NGC	0.77	243	iPd	54	54.33	-0.9
SPU	2.00	257	eP	59	05.57	-0.5										PLRM	0.78	102	iPc	54	54.31	-0.8
			S	59	30.61																	
CRP	2.02	259	ePn	59	06.17	-0.3										PMR	0.78	102	iPc	54	54.90	-0.2
			eS	59	32.29											CRP	0.85	235	iPd	54	55.64	-0.6
GLB	2.04	96	eP	59	06.08	-0.5										GHO	0.86	88	iPc	54	55.69	-0.6
TRF	2.04	330	eP	59	06.44	-0.3	RTCB	0.26	58	ePd	59	02.50	-0.5									
CKN	2.05	258	eP	59	07.44	0.8										SPU	0.86	228	iPd	54	55.65	-0.7
MCK	2.08	349	eP	59	05.32	-1.8	ZON	0.33	76	iPd	59	01.90	-1.3			CKN	0.88	233	iPd	54	56.17	-0.4
RAGM	2.10	127	eP	59	06.61	-0.8				eS	59	13.90				CKT	0.91	232	iPd	54	56.19	-0.7
CKL	2.13	258	eP	59	07.44	-0.4	RTBS	0.34	264	ePd	59	03.00	-0.1									
BKG	2.13	254	eP	59	07.69	-0.2	RTCV	0.50	118	iPd	59	02.70	-1.0			BGL	0.94	239	iPd	54	56.71	-0.7
BGL	2.14	260	ePn	59	08.44	0.5	CFA	0.70	89	eP	59	04.50	-0.4			CKL	0.96	235	iPd	54	56.91	-0.7
KTH	2.29	326	eP	59	07.16	-2.9	MDZ	1.27	172	iP	59	09.20	-0.6			BKG	1.01	228	iPd	54	57.53	-0.8
HMT	2.29	125	eP	59	10.38	0.3	JACH	1.67	231	iP+	59	14.84	0.6									
RDT	2.40	244	eP	59	11.03	-0.7				iS	59	37.58				NKA	1.05	194	ePd	54	59.97	1.2
CRQM	2.55	110	eP	59	13.75	-0.2	FCH	1.99	211	iP+	59	18.95	0.7			SML	1.14	86	iPc	54	59.07	-1.0
TGL	2.69	108	eP	59	16.17	0.3				iS	59	45.09				KNK	1.14	107	iPc	54	59.39	-0.7
HDA	2.76	10	eP	59	16.97	0.3	PEL	2.05	222	iPd	59	18.49	-0.1									
WAX	2.82	114	eP	59	16.67	-0.9				iS	59	44.10				PTE	1.22	137	iPc	54	59.88	-1.2
BALM	2.82	101	eP	59	16.27	-1.4	TLL	2.09	314	iPd	59	21.50	2.2									
CCB	2.96	2	eP	59	17.72	-1.8				iS	59	48.00				SLKM	1.28	169	ePc	55	00.54	-1.4
YAH	3.34	111	eP	59	24.26	-1.0	ROCH	2.13	230	iP+	59	19.74	0.0									
AUP	3.55	231	eP	59	25.97	-2.0				iS	59	46.08				HUR	1.32	22	eP	55	01.95	-0.6
SVW	3.70	264	(Pn)	59	27.61	-2.5	SAN	2.27	216	iP	59	21.86	0.6									
	53 obs. associated									iS	59	49.98				MPA	1.44	152	ePc	55	02.86	-1.2
	OCT 08, 1992 02h 07m 30.24± 0.21s						PCH	2.34	211	iPd	59	22.84	0.6			RDT	1.44	215	iPd	55	03.34	-0.9
	44.603 N ± 1.7km 7.243 E ± 2.8km									iS	59	52.22				DFR	1.51	220	ePd	55	04.33	-0.9
	DEPTH = 10.0km (geophysicist)						RTPR	2.55	60	iPc	59	26.40	1.6			RDN	1.59	219	ePd	55	05.57	-0.9
	NORTHERN ITALY (545)									eS	59	55.00										
	ML 2.9 (LDG), 2.7 (GEN).						TACH	2.57	218	iP+	59	24.93	-0.1			REF	1.60	218	ePd	55	05.85	-0.7
DOI	0.10	179	P	07	33.60	0.6				iS	59	55.96				NCT	1.61	223	ePd	55	05.95	-0.7
			eSg	07	35.70		CHCH	2.66	210	iP+	59	26.45	0.2			SCM	1.62	86	ePc	55	05.48	-1.2
PZZ	0.14	226	P	07	33.78	0.1				iS	59	58.84				RDW	1.63	219	ePc	55	06.33	-0.7
			S	07	35.93		CACH	2.80	207	iP+	59	28.85	0.7			RSO	1.63	218	ePd	55	06.41	-0.6
BHB	0.24	3	P	07	35.72	0.4				iS	00	02.25			RS2	1.63	218	ePd	55	06.43	-0.6	
			S	07	39.00		LCCH	2.81	228	iP+	59	27.48	-0.6		RS1	1.64	218	ePd	55	06.43	-0.7	
STV	0.36	171	P	07	38.08	0.3	MRA	2.95	106	ePc	59	30.80	1.0		RED	1.67	217	ePd	55	06.75	-0.8	
			S	07	43.11					S	59	56.60			TRF	1.71	7	ePd	55	06.75	-1.4	
ENR	0.40	161	P	07	38.49	0.1	LNV	3.05	220	iP	59	30.02	-1.1		SEW	1.77	159	eP	55	07.49	-1.3	
			S	07	43.93		RFA	3.17	171	iPc	59	32.20	-0.7		KTH	1.80	357	ePd	55	08.12	-1.2	
RRL	0.46	314	P	07	39.21	-0.4	TCA	3.83	87	iPc	59	41.70	0.3									
			S	07	45.05					(S)	00	24.20				RND	1.87	27	eP	55	09.04	-1.2
ROB	0.55	124	P	07	41.47	0.2	CYA	4.25	43	iPc	59	48.10	1.1		GLI	1.96	115	iPc	55	09.09	-2.4	
			S	07	49.87		CCH	14.43	11	eP	02	11.00	9.2X		KNIM	2.03	133	ePc	55	09.07	-3.4	
RSP	0.55	1	P	07	40.75	-0.6	CNCB	14.78	4	P	02	13.00	6.4X		VZW	2.13	107	eP	55	11.56	-2.3	
			S	07	48.34		LPB	15.05	4	(P)	02	07.00	-2.8		MCK	2.15	22	eP	55	13.07	-1.0	
TOUF	0.59	180	Pg	07	42.22	-0.1	ZOBO	15.29	3	P	02	19.50	6.5X		TOA	2.18	79	iPc	55	14.30	-0.3	
BNI	0.60	318	P	07	42.00	-0.5				S.D. = 1.1	on	24 of	27 obs.		VLZ	2.20	105	ePc	55	12.37	-2.4	
			eSg	07	49.10																	
AUTN	0.62	168	Pg	07	42.56	-0.4										FID	2.29	114	ePc	55	12.97	-3.1
			Sg	07	50.82											KLU	2.31	95	iPc	55	14.33	-2.1
SAOF	0.66	160	Pg	07	43.02	-0.3																
			Sg	07	52.20																	
MVIF	0.71	185	Pg	07	43.58	-0.8																
			Sg	07	54.31		OJC	0.55	92	iPg	51	07.50	-0.5			SVW	2.44	257	iPc	55	16.70	-1.6
AURF	0.72	175	Pg	07	44.30	-0.2				iSg	51	15.70				OPT	2.45	211	eP	55	17.98	-0.3
			Sg	07	53.11		SPC	1.36	141	iPn	51	22.50	0.6		HIN	2.47	122	ePc	55	15.61	-3.0	
SBF	0.75	169	Pg	07	45.10	0.1				iSg	51	43.30			TZL	2.53	81	eP	55	18.29	-1.1	
			Sg	07	55.80		VRAC	1.79	239	iPnc	51	28.30	0.5		SDG	2.55	70	eP	55	19.07	-0.7	
CKI	0.76	103	P	07	45.30	0.2				0.6s	51.70nm				TTA	2.73	298	ePc	55	20.60	-1.8	
			eSg	07	54.70										PAX	2.74	61	eP	55	21.19	-1.3	
FIN	0.80	119	P	07	45.77	0.0	KSP	1.79	291	iPg	51	29.00	1.0		NEA	2.93	14	eP	55	2		

FBA 3.42 21 ePd 55 30.10 -2.0
 HMT 3.45 112 eP 55 28.28 -4.3
 GLM 3.57 23 eP 55 31.78 -2.5
 CROM 3.80 102 eP 55 34.71 -2.9
 BALM 4.09 97 eP 55 38.26 -3.4
 IMA 4.52 345 ePc 55 45.40 -2.3
 67 obs. associated

% OCT 08, 1992 03h 56m 36.60±0.48s
 33.278 S ± 6.3km 70.985 W ± 7.8km
 DEPTH = 70.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.8 (SAN).

PEL 0.28 62 iP+ 56 48.22 0.3
 ROCH 0.31 356 iPd 56 48.25 0.0
 SAN 0.32 123 iPd 56 48.12 0.0
 TACH 0.38 174 iPd 56 48.47 0.0
 PCH 0.52 131 iP+ 56 49.76 -0.1
 LCCH 0.53 248 iP+ 56 50.09 0.3
 FCH 0.58 95 iP+ 56 50.69 -0.1
 JACH 0.68 29 iPd 56 51.40 -0.2
 CHCH 0.71 157 iPd 56 51.82 -0.1
 LNV 0.76 208 iP+ 56 51.96 -0.4
 CACH 0.90 159 iP 56 54.56 0.4
 S.D. = 0.3 on 11 of 11 obs.

OCT 08, 1992 05h 17m 53.25±0.55s
 31.315 N ± 3.4km 35.522 E ± 6.9km
 DEPTH = 10.0km (geophysicist)
 DEAD SEA REGION (373)

LISJ 0.08 205 Pc 17 55.41 -0.3
 MKRJ 0.26 23 Pd 17 59.33 0.6
 QTRJ 0.42 92 Pc 18 02.09 0.3
 MASJ 0.45 22 Pd 18 02.39 0.0
 DHLJ 0.50 192 Pd 18 02.50 -1.0
 KFNJ 0.56 14 Pd 18 04.17 -0.4
 JRDJ 0.60 168 Pd 18 04.97 -0.5
 MDSJ 0.70 63 Pd 18 06.93 -0.2
 SALJ 0.71 11 Pd 18 06.71 -0.5
 BURJ 0.95 14 Pd 18 11.00 -0.5
 CSTJ 1.01 101 Pd 18 11.73 -0.7
 HLBJ 1.01 41 Pd 18 12.04 -0.4
 GHZJ 1.04 138 Pd 18 11.99 -1.0
 NAOJ 1.31 181 Pd 18 16.25 -1.4
 ARTJ 1.45 50 Pd 18 19.90 0.3
 HITJ 1.59 170 Pd 18 21.26 -0.4
 QTFJ 1.75 73 Pd 18 25.26 1.4
 MDRJ 1.88 172 Pd 18 26.01 0.2
 HOL 2.08 191 eP 18 31.00 2.4
 AYN 2.47 170 eP 18 36.00 1.8
 S.D. = 1.0 on 20 of 20 obs.

OCT 08, 1992 05h 34m 00.69±0.56s
 33.529 S ± 5.1km 68.327 W ± 4.9km
 DEPTH = 5.0km (geophysicist)
 MENDOZA PROVINCE, ARGENTINA (139)
 MD 4.0 (SAN).

MDZ 0.78 326 i(P) 34 14.40 -2.0
 RFA 1.24 185 iPc 34 23.40 -0.9
 FCH 1.65 276 iPd 34 29.57 -1.2
 RTCV 1.67 354 ePc 34 30.50 -0.3
 PCH 1.83 267 iPd 34 32.53 -0.6
 CFA 1.92 2 eP 34 34.20 -0.2
 SAN 1.95 272 iP 34 34.74 -0.1
 CHCH 1.98 258 iP+ 34 35.59 0.3
 CACH 1.98 252 iPd 34 35.43 0.1

ZON 2.00 351 iPd 34 36.80 1.2
 PEL 2.01 280 iP+ 34 35.58 -0.1
 JACH 2.08 293 iP 34 36.85 0.1
 RTBS 2.09 333 ePc 34 37.30 0.5
 TACH 2.18 266 iPd 34 38.33 0.1
 RTLL 2.20 357 ePc 34 38.20 -0.2
 ROCH 2.32 283 iP 34 41.03 0.7
 MRA 2.47 64 ePc 34 43.00 0.8
 LNV 2.60 260 iP+ 34 45.35 1.2
 LCCH 2.71 270 iPd 34 46.71 1.0
 RTPR 3.57 26 ePd 35 05.70 7.9X
 TCA 3.84 56 eP 35 01.40 -0.4
 S.D. = 0.9 on 20 of 21 obs.

* OCT 08, 1992 05h 47m 40.14±1.11s
 23.657 S ± 12.0km 68.402 W ± 9.7km
 DEPTH = 33.0km (normal)
 NORTHERN CHILE (123)

ANT 1.85 268 iP+ 48 10.00 0.0
 CCH 6.59 19 P 49 19.50 1.9
 CNCB 6.82 3 P 49 20.00 -1.1
 LPB 7.09 2 eP 49 26.00 1.3
 ZOBO 7.34 2 P 49 27.20 -1.1
 ARE 7.72 337 eP 49 39.00 5.6X
 SIV 10.28 43 P 50 07.40 -1.1
 PPD 15.84 88 eP 51 29.80 7.4X
 VAO 19.70 92 eP 52 10.30 0.5
 BAO 20.80 71 Pc 52 21.20 -0.1
 BDF 20.86 71 e(P) 52 21.80 -0.2
 S.D. = 1.2 on 9 of 11 obs.

& OCT 08, 1992 07h 40m 34.16s
 34.979 N 116.947 W
 DEPTH = 4.2km
 SOUTHERN CALIFORNIA (43)
 <PAS>-ML 2.8 (PAS).

GSC 0.34 20 iPc 40 40.80 -0.3
 SSK 0.98 219 ePd 40 52.32 -1.2
 ISA 1.42 299 eP 40 59.56 -1.3
 ABL 1.87 267 (Pn) 41 07.27 -0.2
 TPNV 2.05 16 (Pn) 41 08.92 -1.0
 BCH 2.58 275 (P) 41 18.34 0.8
 GLA 2.61 137 (Pn) 41 18.29 0.5
 ARUT 3.98 44 (P) 41 36.18 -1.3
 8 obs. associated

% OCT 08, 1992 08h 38m 02.99±0.93s
 39.234 N ± 9.5km 27.810 E ± 19.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

IZM 0.94 207 iPg 38 20.90 0.0
 KCT 1.10 22 iPn 38 23.40 -0.2
 EDC 1.11 2 ePn 38 24.00 0.2
 BNT 1.12 4 ePn 38 24.00 -0.1
 YLV 1.79 42 ePn 38 34.40 0.1
 S.D. = 0.2 on 5 of 5 obs.

? OCT 08, 1992 09h 47m 43.13±12.82s
 35.747 S ± 107.7km 71.694 W ± 40.1km
 DEPTH = 120.0km (geophysicist)
 CENTRAL CHILE (136)
 MD 4.0 (SAN).

LNV 1.80 8 iP+ 48 14.83 0.3
 CACH 1.86 29 iP+ 48 15.44 0.0

CHCH 2.00 26 iP+ 48 17.05 -0.1
 TACH 2.18 17 iPd 48 19.15 -0.2
 LCCH 2.27 3 iP 48 20.22 -0.3
 PCH 2.33 25 iP 48 21.46 0.0
 FCH 2.68 26 iP 48 26.14 0.0
 PEL 2.73 18 iP+ 48 26.74 0.2
 ROCH 2.83 12 iP+ 48 28.17 0.2
 JACH 3.19 17 iP 48 32.68 -0.1
 S.D. = 0.2 on 10 of 10 obs.

OCT 08, 1992 09h 49m 48.44±0.40s
 45.957 N ± 5.1km 143.246 E ± 2.9km
 DEPTH = 311.0 ± 4.1 km
 4.8mb (79 obs.)

HOKKAIDO, JAPAN REGION (224)

YSS 1.12 341 iPnd- 50 31.80 1.0
 KUR 3.32 101 iPnd- 50 48.50 0.0
 OKH 7.60 359 ePn 51 40.00 2.1
 VLA 8.59 255 iP 51 50.00 0.0
 MDJ 9.72 267 Pd 52 04.70 0.8
 SKR 9.77 57 iPnd 52 05.50 1.0
 MAT 10.14 204 iPd 52 07.00 -2.1
 PET 12.24 49 ePn 52 35.00 0.4
 Z 12s 0.50um 54 46.00
 CN2 12.81 267 iPd 52 40.90 -0.6
 Z 10s 190.00nm 5.4mb
 SNY 14.76 261 iPd 53 04.00 -0.9
 MGD 14.86 15 ePc+ 53 04.00 -1.9
 DL2 17.42 254 eP 53 32.00 -1.0
 SEY 17.76 14 iPc 53 37.00 0.6
 YAK 17.88 339 iPc 53 36.20 -1.4
 BJI 20.61 263 eP 54 05.00 0.2
 SMY 21.10 60 (P) 54 09.50 0.1
 BOD 21.33 314 iPd 54 11.80 0.1
 TIA 21.88 253 Pd 54 18.00 0.8
 SSE 22.66 237 Pc 54 25.00 0.4
 NJ2 23.38 242 Pc 54 31.60 0.3
 HHC 23.49 269 Pd 54 33.40 1.0
 Z 12s 700.00nm 5.9mb X
 TIY 24.27 261 iPc 54 40.50 0.9
 BTO 24.66 269 P 54 43.00 -0.2
 TIK 26.65 350 eP 54 58.00 -2.7

EEO	80.57	28	eP	01	29.50	2.1
LBF	80.78	333	eP	01	28.30	-0.2
	0.8s		9.80nm			4.7mb
SSF	80.86	333	eP	01	28.70	-0.2
	0.8s		9.40nm			4.7mb
GRR	80.95	337	eP	01	29.40	0.1
	0.9s		19.15nm			4.9mb
SMF	81.12	333	eP	01	30.30	0.0
	0.9s		19.50nm			4.9mb
AVF	81.15	333	eP	01	30.50	0.1
	0.9s		21.15nm			5.0mb
LPL	81.17	331	eP	01	31.10	0.3
	0.8s		8.85nm			4.6mb
LPG	81.17	331	eP	01	31.30	0.4
	0.8s		10.50nm			4.7mb
LPF	81.32	337	eP	01	31.50	0.3
	1.0s		27.20nm			5.0mb
BGF	81.51	334	eP	01	32.40	0.1
MAF	81.90	334	eP	01	35.00	0.7
	1.1s		39.55nm			5.2mb
TCF	81.95	334	eP	01	34.90	0.3
	0.7s		6.40nm			4.6mb
LSF	82.19	334	eP	01	36.10	0.3
	0.8s		17.20nm			4.9mb
MFF	82.37	335	eP	01	37.20	0.5
	0.9s		19.50nm			4.9mb
TUL	82.70	45	eP	01	38.90	0.3
	0.4s		27.20nm			5.4mb
RJF	83.05	334	eP	01	40.50	0.3
CAF	83.22	333	eP	01	41.90	0.8
	1.0s		11.00nm			4.6mb
FVM	83.54	40	eP	01	42.66	-0.1
	0.4s		22.07nm			5.3mb
LFF	83.61	334	eP	01	43.90	0.9
LPO	83.71	334	eP	01	44.30	0.8
RSNY	83.88	26	ePc	01	44.04	-0.3
	0.8s		10.39nm			4.7mb
ELC	84.65	39	ePc	01	48.56	0.3
MIAR	84.88	44	eP	01	49.74	0.2
	0.8s		15.41nm			4.9mb
LMN	85.29	19	ePc	01	54.50	3.1
ZOBO	140.51	52	ePKP	08	45.00	1.7
LPB	140.72	52	ePKP	08	39.00	-4.4
CNCB	141.01	52	PKP	08	39.30	-4.8
SIV	143.86	42	PKP	08	46.40	-2.0
NVL	145.99	206	ePKP	08	50.00	-0.3
	1.4s		20.00nm			
S.D. = 0.9 an 146 of 152 obs.						
<hr/>						
& OCT 08, 1992 09h 53m 02.20s						
57.556 N			142.674 W			
DEPTH = 10.0km			(geophysicist)			
GULF OF ALASKA			(15)			
<AEIC>. ML 3.4 (AEIC).						
<hr/>						
WRG	2.51	7	eP	53	38.56	-5.2
			eS	54	07.07	
CYK	2.54	2	eP	53	39.07	-5.0
			eS	54	07.83	
KAIM	2.55	340	eP	53	39.28	-4.9
			eS	54	06.51	
SNH	2.63	358	eP	53	40.13	-5.4
			eS	54	10.21	
PNL	2.73	38	iP	53	41.42	-5.4
			S	54	11.05	
HQN	2.75	45	eP	53	41.43	-5.8
			eS	54	11.66	
PCA	2.84	25	eP	53	43.26	-5.2
			S	54	14.63	
YAH	2.86	9	iP	53	43.80	-5.1

KNIM	3.84	319	eP	53	55.46	-7.1
			eS	54	37.74	
GLB	3.94	352	eP	53	57.91	-6.2
GLI	4.03	328	eP	53	58.31	-7.0
VLZ	4.05	334	eP	53	58.95	-6.5
			eS	54	43.22	
KLU	4.28	339	eP	54	02.38	-6.6
SEW	4.35	309	eP	54	02.11	-7.7
			eS	54	49.84	
MPA	4.54	313	eP	54	05.23	-7.2
PTE	4.65	318	eP	54	07.02	-7.1
KNK	4.86	325	eP	54	11.03	-6.1
TOA	4.89	340	eP	54	11.00	-6.6
SLKM	4.89	310	iP	54	10.00	-7.6
SCM	4.89	333	eP	54	11.49	-6.1
PMS	5.10	319	eP	54	14.16	-6.4
SML	5.14	328	eP	54	14.24	-6.8
GHO	5.28	326	eP	54	17.73	-5.4
RDT	5.86	305	eP	54	23.93	-7.3
REF	5.95	304	eP	54	25.31	-7.3
SPU	6.02	311	eP	54	25.65	-7.7
BKG	6.04	310	eP	54	26.31	-7.5
CGLM	6.07	312	eP	54	27.11	-7.0
SKT	6.30	318	eP	54	30.43	-6.9

40 obs. associated

* OCT 08, 1992 11h 46m 42.42±1.67s
 19.205 S ±10.9km 69.397 W ±12.6km
 DEPTH = 233.7 ± 35.7 km

NORTHERN CHILE (123)

CNCB	2.74	30	iPc	47	31.80	-0.2
LPB	2.93	25	P	47	34.10	0.1
	1.0s				240.00nm	
ZOBO	3.14	23	iPc	47	36.70	0.1
ARE	3.38	323	eP	47	39.00	0.0
			iS	48	20.00	
CCH	3.58	60	P	47	41.50	0.1
ANT	4.58	192	eP	47	53.00	0.0
SIV	8.56	69	P	48	43.80	0.0

S.D. = 0.2 on 7 of 7 obs.

? OCT 08, 1992 12h 31m 57.60±3.63s
 34.590 S ±17.1km 178.593 W ±34.3km
 DEPTH = 33.0km (normal)
 3.7mb (1 obs.)

SOUTH OF KERMADEC ISLANDS (179)

HBZ	3.92	219	eP	32	57.30	0.4
NOZ	4.85	213	eP	33	10.90	0.8
URZ	5.04	222	eP	33	11.60	-1.3
			eS	34	01.80	
KUZ	5.11	243	eP	33	13.60	-0.2
WLZ	5.72	233	eP	33	22.20	-0.3
WCZ	5.93	255	eP	33	26.10	0.6
WRA	43.92	277	P	40	03.00	-0.1
	0.7s				0.90nm	

S.D. = 0.9 on 7 of 7 obs.

* OCT 08, 1992 13h 09m 04.84±0.69s
 31.440 S ±11.5km 68.623 W ± 9.3km
 DEPTH = 100.0km (geophysicist)

SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.12	204	iPd	09	19.50	0.2
			eS	09	29.50	
RTCB	0.16	253	ePc	09	19.00	-0.5
			S	09	28.60	
CFA	0.37	117	iPc	09	20.70	0.7
			S	09	31.80	
RTCV	0.43	170	iPc	09	21.00	0.6
			(S)	09	29.80	
RTBS	0.74	252	eP	09	22.90	0.1
RTPR	2.14	59	ePd	09	39.30	-0.4
MRA	2.66	112	ePc	09	46.80	0.1
RFA	3.32	178	ePc	09	55.20	-0.7
			(S)	10	32.20	

S.D. = 0.6 on 8 of 8 obs.

OCT 08, 1992 14h 27m 55.33±0.68s
 38.747 N ± 7.4km 38.503 E ± 8.4km
 DEPTH = 10.0km (geophysicist)
 4.0mb (2 obs.)

TURKEY (366)

Slight damage to some buildings
 in the Agin-Kebron area. Also
 felt in the Molotya vicinity.

KVT	3.00	322	iPn	28	44.00	0.2
ADAT	3.01	237	ePn	28	54.80	11.0X
KAS	4.48	307	eP	29	06.00	1.1
BZK	4.70	315	ePn	29	23.00	15.0X
BHL	5.35	206	Pn	29	15.00	-2.3
			Sn	30	56.00	
CSS	5.61	229	eP	29	22.00	1.2
TAB	6.18	94	eP	29	30.00	1.0
GVMR	6.62	204	eP	29	35.50	0.4
ZNT	7.08	205	eP	29	43.60	2.0
			eS	31	38.90	
MAIO	16.83	92	iPd	31	52.00	-0.6
ZST	18.13	308	e(P)	32	09.80	1.2
PRU	20.39	311	eP	32	34.50	-0.3
GEC2	20.47	308	P	32	34.00	-1.8
	1.0s				4.97nm	
KHC	20.64	308	P	32	36.50	-1.0
BRG	21.11	313	eP	32	42.60	0.4
	1.5s				18.00nm	
CLL	21.84	313	eP	32	50.00	0.5
TIC	50.59	242	P	36	54.50	-1.9
KIC	50.60	242	P	36	53.50	-3.0X
LIC	50.89	242	P	36	55.00	-3.7X

S.D. = 1.4 on 15 of 19 obs.

? OCT 08, 1992 14h 36m 57.33±1.21s
 42.901 S ±13.5km 76.803 W ±30.5km
 DEPTH = 33.0km (normal)
 4.7mb (2 obs.)

OFF COAST OF SOUTHERN CHILE (143)

ITB1	25.92	53	e(P)	42	29.00	0.9
CNCB	27.07	19	P	42	46.00	6.6X
LPB	27.31	18	eP	42	42.00	0.6
ZOBO	27.54	18	eP	42	50.00	6.2X
PPD	29.73	54	(P)	43	03.00	0.2
SIV	30.01	31	eP	43	05.00	-0.3
PDCR	44.43	58	eP	45	07.70	0.8
			e	45	08.30	
SPA	47.29	180	iPc	45	29.50	0.2
	0.9s				4.09nm	
NVL	49.78	154	(P)	45	49.00	0.8
LIC	81.06	73	P	49	09.30	-1.3
	0.6s				10.00nm	
KIC	81.36	73	P	49	11.00	-1.2
			e	49	18.00	
TIC	81.36	73	P	49	11.20	-1.0
			e	49	18.00	
BUL	87.21	115	iPc	49	49.00	7.1X
EEO	89.18	358	eP	49	56.50	6.2X
KRI	90.21	113	iPc	50	15.40	19.2X
GEC2	120.89	50	PKP	55	47.40	0.2
	0.7s				1.46nm	
MAIO	145.99	86	ePKP	56	31.00	-3.3X
GKN	158.87	129	PKP	57	00.00	7.1X

S.D. = 0.9 on 11 of 18 obs.

OCT 08, 1992 16h 34m 53.27±0.12s
 51.147 N ± 2.9km 177.872 W ± 1.8km
 DEPTH = 21.2km (25 depth phases)
 5.6mb (129 obs.) 5.8Msz (60 obs.)

ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ML 5.4 (PMR). Mo=7.9*10**17 Nm
 (PPT). Felt (IV) on Adok.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 32S, 63C
 Centroid Location:
 Origin Time 16:34:56.7 0.2
 Lat 51.22N 0.02 Lon 177.90W 0.04
 Dep 15.0 FIX Half-duration 1.6
 Moment Tensor: Scale 10**17 Nm
 Mrr=-3.19 0.06 Mtt=3.11 0.09
 Mff=0.08 0.05 Mrt=3.51 0.20
 Mrf=-0.62 0.20 Mtf=-0.32 0.07
 Principal Axes:
 T Vol= 4.73 Plg=24 Azm= 7
 N 0.06 2 98
 P -4.79 66 193
 Best Double Couple: Mo=4.8*10**17
 NP1: Strike= 93 Dip=21 Slip= -96
 NP2: 279 69 -88

PET	14.54	287	iP+	38	21.00	1.5
Z	19s				16.90um	
N	22s				7.00um	
E	20s				31.70um	
			eS	41	04.00	
ANM	14.96	21	eP	38	24.27	-0.6
MCNL	15.60	50	eP	38	33.22	-0.1
SVW	15.83	42	ePc	38	37.79	1.5
	1.0s				756.96nm	
CDD	15.85	51	eP	38	34.85	-1.7
PDB	15.89	48	eP	38	34.70	-2.3
KDC	16.11	56	eP	38	36.63	-3.1X
	0.5s				177.94nm	
OPT	16.30	49	eP	38	43.03	0.8
SYI	16.38	53	eP	38	41.97	-1.2
SKR	16.40	278	eP	38	43.00	-0.5
	1.0s				160.00nm	
Z	20s				14.20um	
N	16s				12.60um	
E	20s				17.30um	
			eS	41	46.40	
TTA	16.65	36	ePc	38	48.65	2.0
	1.0s				166.87nm	
ILT	16.81	359	iPc	38	52.00	3.4X
	1.9s				1640.00nm	
Z	16s				21.00um	
N	16s				21.00um	
E	16s				17.00um	
RDT	17.02	47	eP	38	52.70	1.4
BGL	17.30	44	(P)	38	56.78	1.9
CRP	17.40	45	eP	38	57.83	1.6
SPU	17.41	45	eP	38	57.41	1.2
NCG	17.46	44	eP	38	58.78	1.9
SLKM	18.01	48	eP	39	02.06	-1.5
SEW	18.25	50	eP	39	02.96	-3.5X
MPA	18.40	48	eP	39	06.46	-1.9
PMS	18.56	46	eP	39	10.60	0.2
PMR	18.87	45	eP	39	13.62	-0.5
	0.8s				151.68nm	
KNK	19.12	46	eP	39	16.18	-0.9
KNIM	19.14	50	eP	39	13.45	-3.9X
TRF	19.14	39	eP	39	16.41	-1.1
IMA	19.35	30	ePd	39	19.42	-0.6
	1.1s				217.91nm	
MID	19.61	53	eP	39	22.43	-0.4
MGD	19.65	309	eP+	39	24.00	0.7
	1.2s				70.00nm	
Z	16s				18.00um	
N	16s				27.00um	
E	16s				15.00um	
			eS	43	06.00	
KLU	20.30	47	eP	39	29.31	-0.9
WRH	20.47	38	eP	39	29.89	-1.9
FBA	20.77	37	eP	39	34.63	-0.3
	1.0s				36.89nm	
PAX	20.96	43	eP	39	35.29	-1.6
GLB	21.27	48	eP	39	39.22	-0.9
DOT	21.78	42	eP	39	43.52	-1.7
BALM	21.88	49	eP	39	46.83	0.6
TMW	22.13	43	eP	39	48.43	-0.3
BRW	22.38	18	eP	39	51.04	0.0
FYU	22.48	34	eP	39	51.88	-0.2
KUR	23.45	269	iP-	40	03.00	1.4
	1.6s				10.10um	
Z	16s				8.40um	
N	16s				14.00um	
E	16s				14.00um	
			i	40	15.00	48kmX
SIT	25.30	60	eP	40	20.60	1.1
	1.0s				113.16nm	
Z	20s				14.72um	
YSS	25.92	276	ePc	40	25.70	0.4
	0.9s				40.00nm	
Z	18s				12.80um	
E	18s				7.60um	
			e	40	38.00	49kmX
			eS	44	56.00	
YAK	29.99	312	eP	41	00.00	-2.1
	1.3s				46.00nm	
Z	19s				20.90um	
N	24s				16.00um	
E	18s				16.90um	
			eSS	45	56.00	

	N	17s		2.30um			
	E	16s		5.22um			
				sP	43	47.00	
				S	50	26.00	
MOY		48.07	304	eP	43	32.80	0.1
HHC		48.31	287	Pd	43	34.00	-0.9
	Z	20s		12.10um			5.9Msz
	N	16s		4.68um			
	E	17s		7.44um			
				ScS	53	25.00	
SSE		48.58	270	Pd	43	34.00	-2.9X
		1.4s		77.00nm			5.5mb
	Z	18s		3.10um			5.3Msz
	N	16s		1.90um			
	E	16s		1.50um			
				pP	43	47.50	50kmX
				sP	43	56.00	
GLA		48.59	86	eP	43	36.54	-0.5
				pwP	43	48.80	
ULM		49.32	57	eP	43	45.00	2.6
BTO		49.40	287	P	43	44.00	0.8
		1.6s		230.00nm			6.0mb
	N	15s		6.25um			
	E	15s		0.80um			
				pP	43	54.00	34kmX
				PP	45	41.00	
				S	50	51.00	
NJ2		49.40	273	Pd	43	41.50	-1.7
	N	13s		2.01um			
	E	13s		1.21um			
TIY		49.72	283	iPd	43	46.20	0.4
		0.8s		47.00nm			5.6mb
	Z	15s		9.63um			5.9MszX
	N	16s		5.17um			
	E	18s		4.57um			
				sP	44	06.00	
GOL		50.19	73	eP	43	49.71	0.2
		0.9s		167.21nm			6.0mb
	Z	21s		14.51um			5.9Msz
				pwP	44	01.90	
GLD		50.25	73	eP	43	51.00	1.1
		1.5s		296.88nm			6.1mb
	Z	20s		10.00um			5.8Msz
TUC		51.63	84	ePd	43	59.49	-0.8
		0.7s		21.93nm			5.2mb
	Z	19s		4.14um			5.5Msz
				pP	44	06.04	22km
				pwP	44	11.95	
DAG		51.66	6	iPd	44	04.00	4.1X
		1.0s		28.00nm			5.1mb
	Z	21s		9.32um			5.8Msz
	N	21s		5.30um			
UER		51.67	307	eP	44	01.20	1.0
		1.4s		70.00nm			5.4mb
				e	45	10.00	327kmX
				e	46	00.00	
				eS	51	18.00	
ALQ		52.57	79	ePc	44	07.05	-0.5
		1.1s		43.92nm			5.3mb
	Z	20s		7.35um			5.7Msz
				pP	44	13.22	20km
				pwP	44	19.35	
WHN		53.25	275	ePc	44	11.00	-1.4
	Z	20s		2.50um			5.3Msz
	N	18s		3.38um			
	E	16s		3.02um			
				pP	44	24.00	47kmX
				S	51	40.00	
XAN		54.28	282	Pc	44	18.50	-1.4
		1.0s		14.00nm			4.9mb
	Z	20s		6.68um			5.7Msz
	N	15s		2.46um			
	E	15s		5.69um			
				pP	44	31.00	44kmX
				sP	44	38.00	
				S	51	56.00	
				ScS	53	56.00	
LZH		56.01	287	iPc	44	32.50	

[illegible]

LJU	82.60	351	eP	47	15.60	-0.1
MFF	82.61	2	eP	47	15.90	0.1
	0.8s	82.45nm				5.9mb
VOY	82.67	352	eP	47	15.80	-0.4
BGF	82.67	360	eP	47	16.10	0.0
	1.0s	56.80nm				5.6mb
ZAG	82.68	350	iPc	47	16.20	0.1
RMQ	82.71	210	eP	47	16.50	0.1
	0.5s	23.00nm				5.5mb
CTI	82.84	353	P	47	17.10	0.0
VVI	82.84	353	P	47	17.30	0.3
CEY	82.91	351	eP	47	17.00	-0.4
TCF	82.95	360	eP	47	17.40	-0.1
	1.0s	9.40nm				4.9mb
TMA	82.95	355	P	47	18.27	0.5
LSF	82.98	0	eP	47	17.70	0.0
	0.8s	97.80nm				6.0mb
TRI	83.00	352	eP	47	17.90	0.1
		e		49	04.00	476kmX
		e		57	47.00	
		e		58	20.00	
		e		59	04.00	
		e		03	40.00	
		e		12	12.00	
MAF	83.01	360	eP	47	18.00	0.1
	0.7s	37.05nm				5.6mb
DIX	83.05	356	P	47	18.59	0.2
MMK	83.05	356	P	47	18.72	0.3
VBY	83.06	351	eP	47	18.20	0.1
EMS	83.08	357	P	47	19.44	1.0
TAB	83.08	326	iP+	47	21.00	2.5
MDI	83.23	355	P	47	21.60	2.6
RIY	83.31	351	eP	47	18.60	-0.8
RSL	83.47	357	P	47	20.96	0.5
ORO	83.48	356	P	47	23.90	3.5X
AKKT	83.52	334	eP	47	24.40	3.7X
LPL	83.64	357	eP	47	22.10	0.7
	0.8s	26.60nm				5.5mb
LPG	83.65	357	eP	47	22.30	0.8
	0.9s	36.05nm				5.6mb
COLF	83.71	359	P	47	22.03	0.5
KAS	83.81	337	eP	47	26.00	3.9X
KART	83.87	336	eP	47	24.20	1.6
RJF	83.93	0	eP	47	22.50	-0.1
	1.3s	124.20nm				6.0mb
Z	22s	3.40um				5.7MsZ
BNI	84.10	357	P	47	25.00	1.4
TRHT	84.15	335	eP	47	25.40	1.5
CTK	84.18	336	eP	47	25.60	1.5
BOB	84.26	355	P	47	25.10	0.8
LFF	84.29	1	eP	47	24.60	0.3
	1.0s	191.20nm				6.3mb
QLP	84.29	214	eP	47	24.30	-0.1
	0.4s	32.00nm				5.9mb
CAF	84.31	0	eP	47	24.80	0.3
	1.0s	94.40nm				6.0mb
DVR	84.44	338	eP	47	24.80	-0.5
SVST	84.47	334	eP	47	26.80	1.3
LPO	84.55	1	eP	47	25.80	0.1
	1.0s	145.20nm				6.2mb
DOI	84.63	356	P	47	26.60	0.4
PLE	84.71	347	iPc	47	27.79	1.1
MME	84.75	354	P	47	29.10	2.1
HYB	84.84	291	eP	47	28.00	0.4
		eS		57	50.00	
SFI	84.94	353	Pc	47	29.00	1.4
SGKT	84.99	338	eP	47	29.00	0.8
PGD	84.99	353	Pc	47	29.30	1.2
IVA	85.09	347	iPc	47	29.09	0.5
TOUF	85.12	356	P	47	29.15	0.4
FIR	85.12	353	eP	47	29.00	0.5
		eS		57	50.00	
AUTN	85.13	356	P			

EMON	85.44	7	eP	47	30.00	-0.2	SOI	90.32	349	P	47	52.40	-1.3	RTPR	5.95	175	iPc	37	07.80	-0.5
BBTK	85.51	337	iP	47	31.00	0.3	EVIA	90.50	4	eP	47	54.80	0.1				eS	38	13.50	
GYN	85.51	338	eP	47	31.00	0.3	VLI	90.62	343	eP	47	56.00	0.9	GCH	6.99	8	P	37	21.50	-1.0
NAL	85.52	338	eP	47	31.90	1.1	CNB	90.79	206	eP	48	08.20	12.5X	RTCB	7.26	192	e(P)	37	26.40	0.6
ARMA	85.55	206	iPd	47	32.10	1.3		1.3s	55.00nm					CFR	7.30	188	ePc	37	25.20	-1.0
	0.8s	30.00nm			5.6mb		HRI	90.88	332	eP	47	55.60	-0.9	TCA	7.31	163	iPc	37	25.30	-1.1
FRF	85.59	357	eP	47	30.80	-0.1	CAN	90.90	207	ePKP	47	56.90	0.8				(S)	38	45.00	
	0.9s	56.35nm			5.8mb					e	48	07.50	33kmX	CNCB	7.55	354	P	37	30.20	0.1
YLV	85.61	340	eP	47	30.80	-0.4	EBAN	90.91	5	eP	47	57.30	0.8				S	38	55.00	
TTG	85.62	347	iPc	47	31.16	0.1	EHOR	91.17	6	eP	47	57.30	-0.3	RTBS	7.57	195	eP	37	30.20	0.4
LRG	85.71	357	eP	47	31.80	0.3	NPS	91.51	341	eP	47	57.00	-2.3	RTCV	7.58	189	ePd	37	29.10	-1.0
	0.8s	41.50nm			5.7mb		ECOG	91.81	5	iPd	48	01.20	0.4	LPB	7.84	353	P	37	34.80	1.0
Z	22s	2.95um			5.6Msz		EPRU	92.02	6	eP	48	02.40	0.8				S	39	02.00	
ASS	85.72	352	P	47	32.30	0.7	ZNT	92.05	333	eP	48	00.90	-0.9	ZOBO	8.08	353	iPc	37	36.20	-1.0
SKO	85.74	346	iPc	47	32.10	0.4	BPA	92.18	59	eP	48	01.86	-0.7				S	39	06.70	
	0.8s	65.00nm			5.9mb		EGUA	92.25	5	iPd	48	02.40	-0.3	MRA	8.12	172	eP	37	35.00	-2.1
Z	17s	3.75um			5.9MszX		MAL	92.31	5	iPd	48	03.20	0.3	MDZ	8.64	190	e(P)	37	44.00	0.1
									iPS	00	14.00		ARE	8.86	332	eP	37	45.00	-2.1	
							EJIF	92.52	6	eP	48	04.40	0.5				eS	39	18.00	
							SAGI	94.05	332	eP	48	09.80	-1.3	ITB1	11.59	94	e(P)	38	30.00	7.6X
							AVE	95.50	8	eP	48	19.00	1.3	PPD	14.71	84	eP	39	01.20	-0.8
							ZOBO	114.89	85	ePKP	53	38.00	3.1X				e	39	04.20	
							Z	24s		1.06um		5.4MszX		NNA	15.38	321	eP	39	10.00	-0.3
									SKS	02	20.00					1.1s	27.85nm	4.6mb		
									LR	31	38.00		PRM	59.90	345	iPd	45	29.07	-1.3	
KKS	85.80	346	eP	47	32.10	0.1	LPB	115.09	85	ePKP	53	39.00	4.0X	NAV	62.68	348	iPd	45	48.02	-1.0
BDV	85.82	348	iPc	47	31.83	-0.3	Z	18s		2.41um		5.8Msz		NVL	63.59	159	eP	45	54.00	-0.5
LMR	85.82	357	eP	47	32.10	0.0			eLR	29	40.00		ELC	64.75	341	eP	46	00.43	-1.9	
	0.9s	54.20nm			5.8mb		CNCB	115.37	85	PKP	53	35.90	0.2	FVM	65.76	340	iPd	46	07.26	-1.6
STS	85.89	8	eP	47	32.00	-0.4	SIV	119.06	79	ePKP	53	41.00	-1.0				1.0s	33.78nm	5.1mb	
SDA	85.95	347	eP	47	33.60	0.9	TIC	122.11	8	PKP	53	47.30	-0.6	SPA	65.79	180	iPd	46	10.40	1.4
ULC	86.08	347	iPc	47	33.09	-0.3			e	54	01.00					0.7s	8.98nm	4.7mb		
KER	86.12	324	eP	47	37.00	3.1X	KIC	122.42	8	PKP	53	46.76	-1.7	Z	20s		1.98um	5.3Msz		
EPF	86.19	1	eP	47	33.50	-0.5			e	54	01.00		LIC	67.64	72	P	46	20.00	-1.2	
	0.7s	20.30nm			5.5mb		LIC	122.53	8	PKP	53	47.90	-0.8	KIC	67.96	72	P	46	21.00	-2.1
VAY	86.20	345	iP	47	34.40	0.4			e	54	01.50		RSNY	68.90	354	ePd	46	27.76	-0.6	
							LWI	126.34	326	ePKPc	54	06.30	9.9X				0.7s	5.58nm	4.4mb	
SRS	86.22	344	iPd	47	34.37	0.2			i	54	09.30		LMN	69.90	2	ePc	46	36.40	2.0	
LSPF	86.29	0	P	47	35.28	0.9	PDCR	129.04	56	ePKP	53	54.20	-7.0X	JFWS	70.25	342	ePd	46	35.38	-1.2
MTHF	86.29	360	P	47	35.41	1.0	PPD	129.63	75	(PKP)	54	02.00	-0.2				0.6s	24.65nm	5.2mb	
KNT	86.30	344	iPc	47	34.78	0.3	SPA	140.96	180	ePKP	54	15.80	-6.4X	EEO	71.48	351	eP	46	46.50	2.6
LACI	86.33	347	eP	47	35.00	0.4		0.8s	10.00nm				DAU	76.41	327	(P)	47	13.12	0.3	
AQU	86.36	352	P	47	35.50	0.7			i	57	35.00		HVU	78.20	327	eP	47	22.63	0.2	
MNS	86.40	352	Pc	47	34.80	-0.2	BUL	142.71	316	iPKPc	54	24.20	-2.5X	ULM	78.53	342	ePc	47	26.20	2.4
MAO	86.49	353	P	47	35.60	0.2			iPKP	54	28.20		PTI	78.81	328	eP	47	26.06	0.3	
ERUA	86.49	7	eP	47	34.50	-0.9	AIA	144.16	139	ePKP	54	25.20	-2.4	LCCM	80.82	330	eP	47	37.20	0.9
PGF	86.49	355	P	47	35.68	0.1	MAW	146.65	217	iPKPd	54	32.60	0.9	LBFM	82.75	322	eP	47	46.43	-0.1
ECRI	86.54	3	eP	47	36.50	0.8		1.0s	61.00nm				SES	83.95	333	eP	47	52.00	-0.1	
SOH	86.55	344	iPd	47	35.76	0.0	SLR	147.71	312	iPKPc	54	35.70	0.8	DPW	85.27	328	eP	47	59.01	0.2
GRG	86.58	345	iPd	47	36.36	0.4		0.8s	52.24nm				BUL	86.85	111	iPd	48	09.30	2.0	
TIR	86.59	347	eP	47	35.50	-0.4	Z	20s		2.48um		6.0Msz					0.9s	17.23nm	4.9mb	
AZI	86.72	352	Pc	47	37.00	0.5	KSR	148.46	314	iPKPd	54	43.50	7.4X	KRI	89.10	108	iPc	48	21.40	3.4X
PERF	86.75	359	P	47	38.01	1.4		1.0s	60.00nm				WRA	131.27	207	PKP	54	34.80	0.6	
FNA	86.92	345	eP	47	37.40	-0.2	WIN	149.18	332	iPKPc	54	42.00	4.6X				0.9s	0.60nm		
RMP	86.96	352	P	47	38.50	0.8		0.7s	20.55nm				GBA	144.90	101	PKP	54	59.00	-0.2	
EGRA	87.01	2	eP	47	39.00	1.1	Z	20s		3.55um		6.2Msz	HYB	147.25	96	ePKP	55	05.00	2.0	
BERA	87.21	347	eP	47	38.50	-0.4			i	54	55.00						S.D. = 1.3 on 43 of 45 obs.			
KZN	87.32	345	eP	47	38.80	-0.8	BLF	151.55	312	iPKPc	54	46.00	5.3X				& OCT 08, 1992 17h 44m 59.02s			
PAIG	87.36	344	eP	47	50.82	11.2X		1.0s	160.00nm								36.086 N	117.676 W		
LIT	87.40	345	iPd	47	39.32	-0.6			i	54	59.20						DEPTH = 3.3km			
PRK	87.53	341	eP	47	42.00	1.5	POF	154.49	322	ePKP	54	55.00	10.5X				CALIFORNIA-NEVADA BORDER REGION (40)			
TPE	87.60	346	eP	47	40.00	-0.8		1.0s	45.00nm								<PAS>P>. ML 3.7 (PAS), 3.5 (GS).			
SGO	87.95	350	P	47	45.30	2.9	NVL	159.81	189	ePKP	54	51.00	1.1				Felt at Darwin, California.			
SRN	88.01	346	eP	47	53.00	10.3X		2.0s	88.00nm											
SHI	88.13	318	eP	47	43.00	-0.7	Z	19s		4.40um		6.3Msz								
KEK	88.20	346	eP	47	43.80	0.1			e	55	11.00		ISA	0.77	237	eP	45	13.34	-1.1	
ETOR	88.34	3	eP	47	44.30	-0.2			e	55	27.00					eS	45	24.10		
EBR	88.40	1	eP	47	50.00	5.4X			e	55	38.00		GSC	1.06	138	ePc	45	18.45	-1.2	
GUD	88.42	5	iPc	47	44.40	-0.5			ePP	59	17.00		TPNV	1.44	53	eP	45	25.14	-0.9	
AGG	88.48	344	eP	47	43.44	-1.7			ePPP	01	19.00		ABL	1.76	226	eP	45	31.06	0.2	
GBA	88.50	290	P	47	47.60	2.2			LO	05	56.00		FRI	1.87	300	eP	45	31.75	-0.4	
TDS	88.72	349	P	47	46.50	0.3	SNA	160.65	175	e(PKP)	54	51.90	1.2				eS	45	57.06	
EPLA	88.88	6	iPd	47	47.20	0.2		0.8s	35.82nm				SSK	1.87	180	ePn	45	31.17	-1.2	
TOL	89.19	5	iPc	47	49.00	0.5										ePg	45	34.13		
	1.4s	186.05nm			6.2mb								MEMM	1.87	328	ePn	45	33.28	1.1	
																ePg	45	35.16		
ATH	89.26	343	eP	47	50.00	1.3							BONR	1.93	345	ePn	45	32.97	-0.4	
VLS	89.59	346	eP	47	50.00	-0.4										iPg	45	34.63		
ECHE	89.60	2	iPd	47	51.70	1.3							PKEM	1.97	270	(Pn)	45	34.09	0.5	
CSS	89.97	335	eP	47	48.80	-3.4X										ePg	45	35.61		
STK	90.06	214	iPc	47	52.70	0.4							TNP	2.03	10	ePn	45	33.91	-0.7	
	0.7s	13.40nm		</																

08d 17h

LLA	2.69	282	ePc	45	44.65	-0.7
PLM	2.81	166	ePnd	45	44.42	-1.4
			iPg	45	50.96	
			eS	46	24.78	
			Lg	46	30.60	
CMB	2.91	313	ePn	45	49.34	2.2
			eS	46	25.28	
			Lg	46	28.82	
KVN	2.98	354	(Pn)	45	48.90	0.7
PRS	3.00	276	eP	45	47.72	-0.6
SAO	3.11	284	eP	45	51.24	1.3
ARN	3.35	293	eP	45	55.13	1.8
ARUT	3.79	62	ePn	45	59.66	-0.2
			ePg	46	09.50	
GLA	3.83	141	ePc	45	56.67	-3.6
ORV	4.60	320	(Pn)	46	19.63	8.6
MSU	5.01	59	ePn	46	17.02	-0.1
			ePg	46	31.82	
DUG	5.61	42	(Pg)	46	41.22	15.7
SRU	6.43	60	ePg	46	58.26	21.1

27 obs. associated

& OCT 08, 1992 18h 10m 55.46s
36.086 N 117.675 W
DEPTH = 3.6km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 2.9 (PAS).

ISA	0.77	237	ePc	11	10.04	-0.9
			eS	11	19.47	
GSC	1.06	138	eP	11	14.30	-1.7
			eS	11	28.71	
TPNV	1.44	53	eP	11	21.53	-1.0
			eS	11	39.83	
ABL	1.76	226	ePn	11	27.88	0.6
SSK	1.87	180	ePn	11	27.87	-0.9
			ePg	11	30.61	
MEMM	1.87	328	ePn	11	31.39	2.8
			eS	11	54.42	
BONR	1.93	345	ePn	11	30.97	1.2
PKEM	1.97	270	eP	11	31.72	1.7
TNP	2.03	10	eP	11	32.78	1.8
PHAM	2.22	264	(P)	11	34.82	1.1
			(S)	12	11.24	
PEC	2.23	169	eP	11	32.75	-1.1
PLM	2.81	166	(Pn)	11	40.75	-1.5
			ePg	11	47.34	
CMB	2.91	313	ePn	11	45.55	2.0
ARUT	3.79	62	(Pn)	11	54.97	-1.3
			ePg	12	05.95	
MSU	5.01	59	(Pn)	12	13.02	-0.5
			ePg	12	27.77	

15 obs. associated

OCT 08, 1992 18h 20m 01.05± 0.63s
39.987 N ± 5.0km 23.204 E ± 5.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 2.2 (THE).

PAIG	0.37	99	iPg	20	08.53	-0.1
			eSg	20	14.20	
LIT	0.56	282	ePg	20	12.53	0.1
			eSg	20	21.20	
THE	0.67	344	iPg	20	13.93	-0.4
			eSg	20	24.16	
SOH	0.84	8	iPg	20	17.06	-0.3
			eSg	20	30.44	
GRG	1.15	328	ePg	20	22.56	0.1
			eSg	20	38.56	
SRS	1.17	15	ePg	20	23.53	0.7
			eSg	20	40.56	
AGG	1.18	215	ePb	20	23.12	0.1
			eSb	20	40.40	
KNT	1.20	349	iPbd	20	23.65	0.3
			eSb	20	40.56	
VAY	1.42	340	eP	20	26.40	-0.4

S.D. = 0.4 on 9 of 9 obs.

% OCT 08, 1992 18h 32m 03.41± 3.18s
36.573 N ± 33.9km 29.156 E ± 9.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ELL 0.63 74 iPg 32 15.90 -0.3
YER 0.90 309 ePg 32 20.50 -0.1

BCK	1.45	52	iPn	32	29.90	0.2
KHL	1.77	9	iPn	32	34.20	-0.2
Izm	2.36	321	iPn	32	43.00	0.1

S.D. = 0.3 on 5 of 5 obs.

OCT 08, 1992 18h 37m 28.89± 0.25s
13.377 N ± 3.9km 120.913 E ± 5.7km
DEPTH = 58.0km (5 depth phases)
4.9mb (30 obs.)

MINDORO, PHILIPPINE ISLANDS (250)

KKM	8.63	213	ePd	39	44.90	11.1X
HKC	10.95	325	P	40	06.10	0.7
QIZ	12.02	299	eP	40	18.20	-1.7
MNI	12.48	162	eP	40	30.50	4.6X
	1.5s	643.40nm			6.3mb X	
SSE	17.64	1	Pc	41	34.00	1.9
	1.4s	58.00nm			4.5mb	
		sP	41	51.70		
WHN	18.13	342	eP	41	40.00	1.9
AAI	18.43	156	eP	41	44.50	2.5
MKS	18.53	185	ePd	41	48.00	4.8X
GVA	18.65	316	iPc	41	46.00	1.2
	1.2s	43.00nm			4.5mb	
Z	20s	1.13um				
N	12s	0.51um				
E	12s	0.33um				
		pP	41	54.00		
		PP	42	06.00		

NJ2	18.68	355	eP	41	46.00	1.1
NST	20.24	279	eP	42	03.50	1.5
NNT	20.65	270	eP	42	06.60	0.3
KMI	20.73	307	Pc	42	08.00	0.7
	1.6s	80.00nm			4.8mb	
KGM	20.75	239	eP	42	07.00	-0.2
BDT	21.48	283	eP	42	15.70	1.2
IPM	21.48	248	ePd	42	17.50	2.8
CHG	21.78	287	iPc	42	18.00	0.3
	1.3s	55.77nm			4.8mb	
TIA	22.99	352	eP	42	30.60	1.2
XAN	23.28	334	P	42	32.00	-0.2
	1.2s	53.00nm			4.9mb	
Z	26s	1.00um			4.2MszX	
		pP	42	49.00	75kmX	
		sP	42	56.00		

CD2	23.54	321	Pc	42	35.80	1.0
	1.0s	190.00nm			5.5mb	
Z	22s	0.98um			4.2Msz	
N	12s	0.60um				
TIY	25.39	344	eP	42	52.50	0.0
	0.8s	38.00nm			5.0mb	
Z	14s	0.70um			4.3MszX	
E	11s	0.26um				
BJI	26.89	352	eP	43	05.00	-1.1
	1.3s	40.00nm			4.8mb	
LZH	27.33	329	eP	43	09.00	-1.4
	1.5s	130.00nm			5.3mb	
Z	25s	0.86um			4.2MszX	
E	11s	0.44um				
		pP	43	25.50	70kmX	
		sP	43	32.00		
		PP	43	55.00		

MAT	27.80	31	(P)	43	16.00	1.5
	1.0s	12.00nm			4.5mb	
SNY	28.44	4	Pc	43	20.00	-0.2
HHC	28.57	345	eP	43	21.00	-0.5
	1.4s	28.00nm			4.7mb	
Z	24s	1.35um			4.5MszX	
BTO	28.75	343	P	43	22.00	-1.2
	1.2s	0.19um				
E	11s	0.25um				
		eS	48	06.00		
GTA	31.92	328	Pc	43	50.60	-0.7
	1.0s	71.00nm			5.4mb	
Z	20s	1.50um			4.7Msz	
N	11s	0.25um				
		eS	48	55.50		

LSA	31.96	305	iPc	43	52.20	0.0
	0.4s	1.00nm			4.0mb X	
MDJ	32.00	12	eP	43	51.60	-0.2
MBL	34.34	182	eP	44	11.70	-0.5
WB2	35.66	158	iPd	44	22.80	-0.7
	0.6s	32.00nm			5.4mb	
GUN	35.68	299	Pc	44	23.56	-0.6
	1.0s	460.00nm			6.3mb X	

PKI	35.99	299	Pc	44	25.54	-1.1
	1.1s	223.00nm			6.0mb	
NANU	36.10	188	eP	44	27.00	-0.2
KKN	36.16	299	Pc	44	26.88	-1.1
	1.0s	296.00nm			6.2mb X	
DMN	36.26	299	Pc	44	27.82	-1.0
	1.0s	271.00nm			6.1mb X	
GKN	36.76	299	Pc	44	31.74	-1.2
	1.1s	222.00nm			6.0mb	
YSS	38.19	24	(P)	44	45.60	1.1
	1.0s	20.00nm			5.0mb	
QIS	38.40	151	iPd	44	45.90	-0.7
	0.5s	3.00nm			4.5mb	
WARB	39.71	172	eP	44	58.00	0.6
HYB	40.98	281	eP	45	07.50	-0.5
		e	45	22.50	58km	
		e	45	31.00		
MOY	41.45	341	eP	45	13.10	1.8
CTA	41.56	143	iPd	45	14.00	1.3
		iP	45	28.00	53km	
WMO	41.59	323	P	45	13.20	0.5
	1.0s	13.00nm			4.6mb	
Z	20s	1.07um			4.7Msz	
		pP	45	27.20	53km	
		sP	45	37.00		
		PP	46	52.00		

GBA	42.24	276	P	45	20.00	1.7
MRWA	42.61	186	eP	45	21.00	-0.1
	0.5s	10.00nm			4.8mb	
BAL	43.91	185	eP	45	31.00	-0.7
COOL	44.00	180	eP	45	32.00	-0.4
BOD	44.68	355	eP	45	37.00	-0.5
KLB	44.81	184	eP	45	38.50	-0.4
MUN	45.32	186	eP	45	42.50	-0.4
POO	45.44	283	eP	45	30.50	-13.7X
QLP	45.74	150	eP	45	46.30	0.0
PRZ	46.74	317	eP	45	55.00	0.7

HBDZ	3.34	218	eP	01	42.50	1.2		0.7s	0.27nm	3.4mb X		eS	21	18.43								
NOZ	4.29	211	eP	01	55.10	0.4	GEC2	79.99	352	PKP	54	55.70	9.3X	NTYM	1.64	333	eP	20	57.76	-2.0		
URZ	4.46	222	P	01	57.70	0.5		0.7s	0.60nm	3.7mb X		eP	21	09.21	-0.4	MEMM	2.32	71	eP	21	09.21	-0.4
KUZ	4.54	246	P	01	59.40	1.1	FLN	80.54	2	eP	54	56.50	7.3X		eS	21	39.12					
WLZ	5.14	234	eP	02	06.20	-0.6	LDF	80.72	2	eP	54	57.50	7.4X	ORV	2.62	3	eP	21	12.62	-1.3		
WCZ	5.41	258	P	02	11.80	1.2		0.5s	5.45nm	4.8mb		eP	21	19.49	1.5	BONR	2.89	68	eP	21	19.49	1.5
NGZ	5.95	224	eP	02	16.90	-1.4	GRR	80.91	2	eP	54	58.90	7.8X	ABL	2.90	135	eP	21	15.64	-2.4		
CNZ	5.99	224	P	02	19.50	0.6	HAU	81.26	357	eP	55	00.70	7.7X	ISA	2.90	115	eP	21	16.07	-1.9		
MOZ	6.01	232	P	02	19.60	0.5	LOR	82.05	359	eP	55	04.80	7.7X	TPNV	4.37	88	(P)	21	44.11	5.2		
PGZ	6.71	211	eP	02	26.50	-2.3	SSF	82.26	359	eP	55	06.10	7.9X	LBFM	4.41	358	(Pn)	21	40.28	0.8		
			eS	03	42.70		AVF	82.54	359	eP	55	07.40	7.8X		21	obs.	associated					
MNG	7.07	215	eP	02	29.60	-4.3X	SMF	82.68	359	eP	55	08.20	7.8X									
			eS	03	49.60		MFF	82.71	2	eP	55	09.30	8.8X									
RMQ	28.77	278	iPd	06	47.70	0.7		1.1s	17.85nm	5.1mb				OCT 09, 1992	00h	42m	01.21±	0.36s				
	0.8s	22.00nm			4.9mb X		LSF	83.08	0	eP	55	11.10	8.6X		51.130	N ± 7.1km	177.955	W ± 4.7km				
CTA	33.89	287	iP	07	31.00	-1.1		0.5s	5.10nm	4.9mb				DEPTH =	33.0km	(normal)						
WB2	43.52	278	iPd	08	50.90	-1.5	LFF	84.39	1	eP	55	17.40	8.3X		4.6mb	(27 obs.)						
	0.7s	6.20nm			4.5mb			0.6s	6.20nm	5.0mb				ANDREANOF ISLANDS, ALEUTIAN IS. (7)								
WRA	43.53	278	P	08	51.00	-1.4	CAF	84.41	0	eP	55	17.60	8.4X	ADK	1.10	46	iPc	42	20.01	-0.2		
	0.6s	1.50nm			3.9mb			0.7s	5.20nm	4.8mb			SDN	11.27	61	eP	44	42.30	-0.6			
KAF	148.46	337	ePKP	20	32.20	1.9	LPO	84.65	1	eP	55	18.60	8.2X	SVW	15.88	42	eP	45	44.28	0.7		
	0.6s	5.40nm						0.7s	6.05nm	4.9mb				0.8s	75.65nm			4.9mb				
NUR	150.19	336	ePKP	20	36.90	3.9X		S.D. =	1.0	on	30	of	48	KDC	16.16	56	eP	45	41.53	-5.6X		
	0.6s	7.70nm												0.5s	28.67nm			4.7mb				
LIC	150.88	168	PKP	20	41.80	6.4X		* OCT 08, 1992	22h	32m	36.98±	1.83s	TTA	16.69	37	eP	45	55.08	1.2			
KIC	151.06	168	PKP	20	42.00	6.3X		31.506	S ± 16.3km	68.217	W ± 10.8km				0.8s	16.83nm			4.2mb			
	S.D. =	1.4	on	15	of	19	obs.	DEPTH =	95.6 ± 22.9	km				BGL	17.35	44	eP	46	03.66	1.5		
								SAN JUAN PROVINCE, ARGENTINA	(137)					CRP	17.45	45	eP	46	04.80	1.2		
	OCT 08, 1992	19h	42m	39.24±	0.56s			CFA	0.10	191	ePc	32	51.00	0.1	SPU	17.46	45	eP	46	03.89	0.3	
	51.049	N ± 11.0km	177.881	W ± 7.1km					S		33	01.00		SLKM	18.06	48	eP	46	08.99	-1.9		
	DEPTH =	33.0km	(normal)					RTCV	0.45	218	ePd	32	52.00	-0.2	PMS	18.61	46	eP	46	17.40	-0.2	
	4.8mb	(18 obs.)							S		33	04.00		PMR	18.92	45	eP	46	21.89	0.5		
	ANDREANOF ISLANDS, ALEUTIAN IS. (7)							RTCB	0.50	272	ePd	32	52.50	-0.1		0.7s	11.48nm		4.2mb			
									S		33	03.70		IMA	19.39	30	eP	46	25.20	-1.8		
ADK	1.12	41	iPc	42	57.26	-1.4									0.8s	13.17nm		4.3mb				
SVW	15.91	42	eP	46	23.26	1.3								KLU	20.35	47	ePc	46	36.71	-0.5		
	0.9s	26.84nm			4.4mb			RTBS	1.07	261	iPc	32	58.20	0.1	TOA	20.42	45	eP	46	39.30	1.4	
KDC	16.17	56	eP	46	24.99	-0.2		RTPR	1.89	51	ePd	33	08.70	0.2	FBA	20.82	37	eP	46	40.97	-0.9	
	0.5s	11.83nm			4.3mb			MRA	2.32	114	ePc	33	14.50	0.4		1.0s	14.03nm		4.3mb			
TTA	16.73	36	eP	46	33.63	1.2		TCA	3.10	88	iP	33	24.40	-0.5	BALM	21.93	49	eP	46	51.81	-1.4	
	1.1s	9.41nm			3.8mb				S.D. =	0.4	on	7	of	7	MBC	33.64	22	eP	48	40.00	-0.2	
BGL	17.37	44	eP	46	41.16	0.6								YKA	35.02	46	eP	48	48.90	-3.3X		
CRP	17.48	44	eP	46	42.65	0.8									0.6s	3.10nm		4.4mb				
SPU	17.49	45	eP	46	42.00	0.1			* OCT 08, 1992	23h	18m	19.03±	1.96s	GMW	35.41	74	eP	48	56.81	1.0		
SLKM	18.08	48	eP	46	47.79	-1.4			46.197	N ± 11.7km	7.488	E ± 31.6km	LON	36.37	74	eP	49	04.68	0.7			
PWA	18.64	45	eP	46	57.10	1.2			DEPTH =	10.0km	(geophysicist)		DPW	38.02	71	eP	49	17.96	0.2			
IMA	19.44	30	ePc	47	03.74	-1.9			SWITZERLAND	(544)		NEW	38.47	70	ePd	49	21.60	0.1				
	1.1s	10.10nm			4.0mb									0.8s	28.75nm		5.1mb					
KLU	20.37	47	eP	47	13.96	-1.5		LPL	0.86	218	Pg	18	35.80	0.0	LBFM	39.12	82	eP	49	27.54	0.3	
TOA	20.44	45	eP	47	17.50	1.3		LPG	0.87	217	Pg	18	35.90	0.0	SES	41.00	64	eP	49	42.00	-0.3	
GMW	35.39	74	eP	49	34.46	0.8								ARN	41.69	87	eP	49	48.49	0.3		
LON	36.35	74	eP	49	42.43	0.7		BSF	1.70	344	Pn	18	48.10	-0.9	LCCM	42.79	70	eP	49	57.00	-0.3	
VGB	37.57	76	eP	49	52.52	0.5								BONR	43.34	84	eP	50	02.86	0.8		
NEW	38.46	70	eP	49	59.20	-0.2								HHA1	43.88	74	eP	50	07.12	1.0		
	0.9s	14.04nm			4.8mb			FEL	1.72	12	ePn	18	49.43	0.2	PTI	44.12	74	eP	50	09.27	1.2	
SES	40.99	64	eP	50	19.00	-1.3		HAU	1.97	337	Pg	18	53.60	0.8	TPNV	45.25	83	eP	50	17.05	-0.2	
	pP	50	28.00	30kmX					S.D. =	0.9	on	5	of	5		0.8s	8.06nm		4.7mb			
PTI	44.10	74	eP	50	46.83	0.9								DUG	45.41	77	P	50	18.85	0.4		
DUG	45.38	77	eP	50	56.39	0.2									0.6s	1.55nm		4.1mb				
	0.8s	3.54nm			4.3mb									BW06	45.87	72	iPc	50	22.00	-0.2		
	pP	51	00.43	13kmX											0.7s	17.54nm		5.1mb				
BW06	45.85	72	iPc	50	59.00	-1.1								GSC	45.94	86	eP	50	22.58	0.0		
	1.0s	18.00nm			5.0mb									DAU	46.23	76	eP	50	25.43	0.3		
	i	51	00.00											MSU	46.82	79	eP	50	29.93	0.2		
GSC	45.90	86	eP	51	00.23	-0.1								SRU	47.47	77	eP	50	34.82	0.0		
	pP	51	04.64	15kmX										RSSD	48.36	68	iPc	50	41.03	-0.7		
BJI	46.01	283	eP	51	10.00	9.0X									0.4s	5.18nm		4.9mb				
SRU	47.44	77	eP	51	12.36	-0.2								PV10	48.83	77	eP	50	46.00	0.5		
RSSD	48.35	68	(P)	51	27.71	8.1X								GOL	50.24	73	eP	50	56.24	0.0		
	0.4s	4.08nm			4.8mb										0.7s	14.07nm		5.1mb				
RSSD	48.35	68	(P)	51	19.93	0.3		GCC	0.25	291	iPc	20	36.58	0.0	JAQ	56.91	44	eP	51	42.50	-2.5	
	0.4s	4.08nm			4.8mb			SAC	0.27	130	iPd	20	36.25	-0.6	FVM	60.17	66	eP	52	05.65	-2.2	
GOL	50.22	73	eP	51	34.11	0.0		ARN	0.43	18	iPd	20	40.17	0.2		0.6s	19.04nm		5.4mb			
	0.8s	10.93nm			4.9mb			PRS	0.66	156	iPd	20	43.45	-0.6	EEO	60.28	52	eP	52	09.50	1.0	
	pP	51	37.92	13kmX										MIAR	60.71	70	eP	52	10.13	-1.4		
	pWP	51	42.99					LLA	0.69	118	iPd	20	43.98	-0.6		0.6s	4.12nm		4.7mb			
LZH	56.03	287	eP	52	26.00	8.9X		PCC	0.78	316	iPc	20	45.84	-0.3	ELC	61.34	65	eP	52	13.78	-2.0	
	1.4s	18.00nm			4.9mb									GBTN	65.34	63	iPc	52	41.12	-1.0		
MIAR	60.69	70	(P)	52	48.62	-0.8		BKS	1.03	336	ePd	20	49.43	-0.9	KAF	65.47	348	iP	52	41.50	-1.0	
	0.7s	4.91nm			4.7mb										0.3s	1.10nm		4.4mb				
	e	52	57.56					ZSP	1.10	336	iPd	20	50.66	-0.9								
GUN	72.52	293	P	54	05.76	0.7								LMN	67.53	44	eP	52	58.00	2.1		
KKN	72.96	293	P	54	07.42	0.0		PRI	1.15	133												

09d 00h

FLN 0.6s 0.66nm 3.8mb
 80.46 2 eP 54 10.40 -0.3
 LDF 80.64 1 eP 54 11.40 -0.2
 0.4s 8.70nm 5.1mb
 CDF 80.74 356 eP 54 12.20 -0.1
 GRR 80.83 2 eP 54 12.80 0.2
 0.6s 7.50nm 4.9mb
 HAU 81.18 357 eP 54 14.60 0.1
 0.4s 17.00nm 5.4mb
 LPF 81.18 2 eP 54 14.80 0.3
 LOR 81.97 359 eP 54 19.00 0.3
 0.4s 1.45nm 4.4mb
 SSF 82.18 359 eP 54 19.90 0.2
 0.5s 1.95nm 4.4mb
 WRA 82.21 225 P 54 19.80 -0.3
 0.6s 0.10nm 3.0mb X
 AVF 82.45 359 eP 54 21.30 0.2
 0.4s 1.25nm 4.3mb
 SMF 82.59 359 eP 54 22.10 0.2
 0.5s 2.60nm 4.6mb
 MFF 82.63 2 eP 54 22.50 0.4
 0.6s 3.80nm 4.6mb
 TCF 82.96 360 eP 54 24.10 0.3
 LSF 83.00 0 eP 54 24.30 0.3
 RJF 83.95 0 eP 54 29.40 0.6
 LFF 84.31 1 eP 54 31.20 0.6
 CAF 84.33 360 eP 54 31.70 0.9
 LPO 84.57 1 eP 54 32.40 0.4
 0.6s 6.20nm 5.0mb
 ASPA 85.67 223 P 54 37.79 0.2
 1.0s 0.80nm 3.9mb
 S.D. = 0.9 on 70 of 72 obs.

OCT 09, 1992 01h 10m 57.41±0.44s
 51.169 N ± 8.6km 177.923 W ± 5.0km
 DEPTH = 33.0km (normal)
 4.6mb (24 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 1.05 47 iPc 11 15.87 0.0
 SDN 11.24 61 eP 13 37.40 -1.2
 SVW 15.84 42 eP 14 40.48 1.2
 0.8s 54.90nm 4.8mb
 KDC 16.12 56 eP 14 43.60 0.8
 TTA 16.65 37 eP 14 50.96 1.4
 0.8s 13.30nm 4.1mb
 BGL 17.31 44 eP 14 59.17 1.3
 CRP 17.41 45 eP 15 00.56 1.3
 SPU 17.42 45 (P) 14 58.89 -0.4
 SLKM 18.02 48 eP 15 05.44 -1.1
 IMA 19.35 30 eP 15 22.80 0.0
 1.1s 27.40nm 4.4mb
 KLU 20.31 47 eP 15 32.55 -0.4
 TOA 20.38 45 eP 15 35.20 1.6
 FBA 20.78 37 eP 15 37.23 -0.4
 0.7s 6.40nm 4.1mb
 MBC 33.60 22 eP 17 36.00 -0.1
 YKA 34.98 46 eP 17 46.30 -1.8
 0.8s 3.30nm 4.3mb
 GMW 35.38 74 eP 17 52.86 1.1
 LON 36.34 74 eP 18 00.59 0.7
 NEW 38.44 70 ePd 18 17.50 0.0
 0.8s 26.25nm 5.1mb
 pP 18 30.70 50kmX
 LBFM 39.09 82 eP 18 23.70 0.5
 SES 40.96 64 eP 18 38.00 -0.3
 LCCM 42.76 70 eP 18 52.70 -0.5
 BONR 43.32 84 eP 18 58.77 0.7
 HHA1 43.85 74 eP 19 02.98 0.9
 PTI 44.09 74 eP 19 05.18 1.1
 HVU 44.47 76 eP 19 07.56 0.4
 TPNV 45.23 83 eP 19 13.46 0.2
 0.8s 8.06nm 4.7mb
 DUG 45.38 77 eP 19 14.54 0.1
 0.4s 2.12nm 4.4mb
 BW06 45.84 73 iPc 19 17.79 -0.4
 0.7s 13.84nm 5.0mb
 GSC 45.92 86 eP 19 18.71 0.1
 DAU 46.20 76 eP 19 21.74 0.6
 MSU 46.79 79 eP 19 25.89 0.2
 SRU 47.44 77 eP 19 30.31 -0.4
 RSSD 48.33 68 eP 19 36.61 -1.1
 0.4s 3.00nm 4.7mb
 PV10 48.81 77 eP 19 42.20 0.8
 GOL 50.21 73 ePd 19 52.16 -0.1
 0.7s 10.52nm 5.0mb
 epP 20 04.26 43kmX

JAO 56.87 44 eP 20 38.50 -2.4
 FVM 60.14 66 eP 21 01.79 -2.1
 0.6s 12.45nm 5.2mb
 pP 21 14.12 43kmX
 EEO 60.24 52 eP 21 05.50 1.1
 ELC 61.31 65 eP 21 10.06 -1.7
 GBTN 65.31 63 eP 21 37.03 -1.1
 BNH 65.51 49 eP 21 38.10 -1.2
 GUN 72.45 293 P 22 23.58 0.8
 KKN 72.88 293 P 22 25.72 0.5
 PKI 72.97 293 P 22 26.96 1.1
 GKN 73.10 294 P 22 27.30 1.0
 GEC2 79.87 352 eP 23 03.50 -0.4
 0.7s 0.52nm 3.7mb
 GRR 80.79 2 eP 23 08.70 0.1
 0.6s 5.30nm 4.7mb
 LPF 81.14 2 eP 23 10.70 0.2
 0.7s 5.20nm 4.6mb
 BSF 81.30 357 eP 23 10.40 -1.1
 0.6s 2.25nm 4.4mb
 LOR 81.93 359 eP 23 14.00 -0.7
 0.7s 3.00nm 4.4mb
 SSF 82.14 359 eP 23 15.20 -0.5
 0.6s 2.05nm 4.3mb
 LBF 82.21 359 eP 23 15.20 -1.0
 0.5s 1.45nm 4.3mb
 WRA 82.25 225 P 23 22.50 6.0X
 0.8s 0.10nm 2.9mb X
 AVF 82.42 359 eP 23 16.60 -0.5
 SMF 82.56 359 eP 23 17.30 -0.6
 MFF 82.59 2 eP 23 18.50 0.4
 0.7s 5.75nm 4.8mb
 TCF 82.92 360 eP 23 20.00 0.2
 LSF 82.96 0 eP 23 20.20 0.2
 0.6s 5.50nm 4.8mb
 MAF 82.99 360 eP 23 19.90 -0.3
 0.3s 1.30nm 4.5mb
 LFF 84.27 1 eP 23 27.00 0.4
 0.4s 1.70nm 4.6mb
 CAF 84.29 0 eP 23 26.70 -0.1
 LPO 84.53 1 eP 23 28.40 0.4
 0.5s 5.85nm 5.0mb
 S.D. = 0.9 on 61 of 62 obs.

% OCT 09, 1992 01h 38m 31.79±0.94s
 43.025 N ± 7.3km 18.892 E ± 6.3km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).

NKY 0.23 160 iPg 38 37.51 0.8
 iSg 38 41.58
 BRY 0.28 244 iPg 38 37.88 0.1
 iSg 38 42.81
 PLE 0.48 50 iPg 38 41.58 0.1
 iSg 38 49.71
 TTG 0.65 155 iPg 38 44.36 -0.5
 iSg 38 54.42
 BDV 0.74 184 iPg 38 45.97 -0.4
 iSg 38 57.02
 IVA 0.75 101 iPg 38 46.38 -0.2
 iSg 38 58.48
 PVY 0.90 118 iPg 38 49.33 0.1
 iSg 39 02.87
 S.D. = 0.5 on 7 of 7 obs.

& OCT 09, 1992 02h 23m 48.80s
 40.462 N 124.302 W
 DEPTH = 20.0km
 NEAR COAST OF NORTHERN CALIF. (35)
 <BRK>. ML 3.5 (BRK), 3.5 (GS).
 MD 3.7 (GM). Felt (IV) at
 Petrolia; (III) at Eureka,
 Ferndale and Rio Dell; (II) at
 Arcata. Also felt at Benbow,
 Haneydew, Panther Gap and
 Whitethorn.

FOX 0.24 76 iPc 23 54.69 0.1
 EKR 0.26 28 iPd 23 54.87 0.0
 FHC 0.42 35 iPd 23 57.38 -0.1
 WDC 1.35 84 iPc 24 10.56 -2.0
 LBFM 2.03 63 eP 24 21.40 -1.2
 MIN 2.06 92 iPc 24 20.42 -2.6
 ORV 2.33 112 ePc 24 24.02 -2.8
 NTYM 2.43 148 eP 24 27.03 -1.0
 DBO 2.77 16 P 24 31.27 -1.8

ZSP 2.97 147 eP 24 35.71 -0.1
 eS 25 08.62
 BKS 3.04 147 eP 24 35.05 -1.7
 HSO 3.19 16 P 24 37.63 -1.4
 PCC 3.31 153 ePd 24 37.29 -3.4
 HBO 3.69 23 P 24 44.84 -1.3
 ARN 3.78 144 eP 24 45.38 -2.0
 GCC 3.87 152 eP 24 44.89 -3.7
 CMB 3.89 127 (P) 24 47.13 -1.7
 NCOR 4.00 35 P 24 49.77 -0.8
 FBO 4.05 18 P 24 49.96 -1.2
 MPOR 4.08 8 P 24 50.85 -0.8
 TCO 4.16 28 P 24 51.57 -1.3
 SAO 4.32 148 eP 24 50.86 -4.1
 SSOR 4.60 17 P 24 57.07 -1.9
 BPO 4.61 24 P 24 57.80 -1.5
 PRS 4.72 150 ePc 24 58.43 -2.3
 VIPM 4.87 33 P 25 01.64 -1.3
 GT2 4.92 17 P 25 01.93 -1.6
 FRI 4.99 133 eP 25 02.80 -1.6
 VBEM 5.01 23 P 25 03.20 -1.6
 MEMM 5.02 122 (P) 25 04.11 -0.7
 CROR 5.13 27 P 25 04.90 -1.6
 TDH 5.17 20 P 25 05.89 -1.1
 KMDR 5.21 6 P 25 05.15 -2.4
 BONR 5.29 116 eP 25 06.91 -2.1
 VLMM 5.34 17 P 25 08.73 -0.7
 VGB 5.67 26 (P) 25 12.82 -1.3
 CDFW 5.89 15 P 25 15.69 -1.4
 FL2 5.91 13 P 25 15.58 -1.9
 SHW 5.92 14 (P) 25 16.05 -1.6
 JBO 5.97 32 P 25 17.55 -0.8
 GLK 6.41 17 P 25 22.78 -1.7
 LON 6.54 15 P 25 24.41 -1.9
 WPM 6.55 17 P 25 24.67 -1.8
 ISA 6.64 134 eP 25 26.24 -1.6
 RVC 6.69 14 P 25 26.85 -1.7
 FMW 6.74 16 P 25 27.64 -1.7
 RSW 6.85 28 P 25 29.11 -1.6
 TBM 7.22 21 P 25 34.79 -1.1
 CMW 8.11 10 P 25 46.38 -2.0
 RPW 8.23 13 P 25 47.73 -2.2
 MBW 8.49 11 P 25 51.72 -2.1
 DUG 8.78 88 eP 25 56.60 -1.2
 MSU 9.58 98 eP 26 07.14 -1.7
 SRU 10.69 93 eP 26 24.03 -0.1
 54 obs. associated

? OCT 09, 1992 02h 29m 56.99±1.01s
 5.137 S ± 10.4km 143.976 E ± 11.5km
 DEPTH = 33.0km (normal)
 NEW GUINEA, PAPUA NEW GUINEA (202)

WWKK 1.54 347 eP 30 22.60 0.1
 MDG 1.80 94 iPd 30 25.50 -0.7
 YYYY 2.27 119 eP 30 34.40 1.4
 PMG 5.29 144 eP 31 15.00 -0.8
 eS 32 08.00

WRA 17.45 212 P 33 59.70 0.1
 0.6s 0.10nm 2.1mb X
 S.D. = 1.2 on 5 of 5 obs.

? OCT 09, 1992 02h 44m 55.13±4.21s
 48.140 N ± 25.4km 9.218 E ± 32.8km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.3 (LDG).

FEL 0.85 252 ePg 45 12.43 0.8
 CDF 1.33 283 Pg 45 19.70 0.0
 Sg 45 35.30
 TOD 1.49 350 ePg 45 22.15 0.2
 BSF 1.66 260 Pn 45 23.90 -0.6
 Pg 45 26.80
 Sg 45 47.10
 HAU 1.93 267 Pn 45 27.90 -0.4
 Pg 45 31.60
 Sg 45 55.20
 S.D. = 0.8 on 5 of 5 obs.

& OCT 09, 1992 04h 43m 02.50s
 38.818 N 122.822 W
 DEPTH = 2.0km
 NORTHERN CALIFORNIA (36)
 <BRK>. ML 3.2 (BRK), 2.9 (GS).
 MD 3.0 (GM).

NTYM 0.45 164 ePn 43 11.32 -0.1
 ZSP 0.98 153 eP 43 21.44 -0.4
 BKS 1.05 154 ePc 43 22.30 -0.7
 ORV 1.26 54 iPd 43 25.56 -1.1
 PCC 1.36 165 eP 43 27.53 -0.8
 WDC 1.77 7 eP 43 33.32 -1.1
 ARN 1.78 145 eP 43 32.86 -1.7
 MIN 1.79 31 eP 43 32.98 -1.8
 CMB 2.07 111 eP 43 36.52 -2.2
 FHC 2.17 336 (P) 43 41.90 1.7
 SAO 2.32 152 eP 43 39.82 -2.5
 LBFM 2.63 16 ePn 43 47.42 0.6
 LLA 2.65 145 eP 43 44.71 -2.4
 PRS 2.74 155 iPd 43 46.43 -1.9
 MEMM 3.27 109 eP 43 55.56 -0.2
 BONR 3.65 102 ePn 43 59.77 -1.8
 KVN 3.69 85 (P) 43 57.12 -4.9
 TNP 4.46 98 ePn 44 12.72 -0.2
 18 obs. associated

& OCT 09, 1992 05h 22m 25.41s
 34.927 N 116.916 W
 DEPTH = 0.0km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS).

GSC 0.38 14 iPc 22 33.07 0.0
 SSK 0.96 222 ePd 22 43.58 -1.1
 PEC 1.05 191 ePd 22 45.17 -1.0
 ISA 1.47 300 ePnc 22 51.81 -1.5
 PLM 1.57 178 ePn 22 54.19 -0.6
 ABL 1.90 268 (Pn) 22 59.45 -0.1
 TPNV 2.09 15 ePn 23 01.18 -1.1
 GLA 2.55 137 ePn 23 05.89 -2.9
 TNP 3.16 356 (P) 23 25.23 7.7
 MEMM 3.18 330 (Pn) 23 17.52 -0.2
 BONR 3.22 340 (Pn) 23 16.78 -1.8
 ARUT 4.00 43 (P) 23 28.22 -1.3
 MSU 5.23 45 (Pn) 23 45.26 -1.7
 SRU 6.60 49 (P) 24 18.75 12.4
 14 obs. associated

? OCT 09, 1992 07h 08m 48.97 ± 0.90s
 41.171 N ± 9.0km 1.859 E ± 9.5km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 ML 3.1 (LDG). mbLg 3.2 (MDD).

EROQ 1.15 253 iPg 09 10.54 0.0
 ETER 1.35 33 ePn 09 13.88 0.0
 ESEL 1.61 150 ePn 09 17.44 0.0
 EGRA 1.92 303 ePn 09 17.29 -4.7X
 EPF 2.18 329 Pn 09 25.70 -0.1
 ETOR 2.98 265 ePn 09 43.92 6.6X
 LPO 3.55 352 Pg 09 55.90 10.8X
 CAF 3.76 2 Pg 09 59.60 11.4X
 MAF 5.08 6 Pg 10 24.70 17.8X
 TCF 5.12 3 Pg 10 25.20 17.7X
 BGF 5.43 7 Pg 10 30.90 19.0X
 S.D. = 0.1 on 4 of 11 obs.

* OCT 09, 1992 08h 40m 22.32 ± 0.71s
 22.953 S ± 7.7km 68.104 W ± 10.0km
 DEPTH = 161.8 ± 11.2 km
 NORTHERN CHILE (123)
 ANT 2.25 250 iP+ 41 03.20 1.7

YJA 2.53 73 iPc 41 05.00 -0.3
 SLA 2.97 127 ePc 41 11.30 0.8
 CCH 5.84 19 eP 41 47.00 -1.2
 CNCB 6.11 1 Pd 41 52.80 0.7
 LPB 6.39 0 P 41 56.20 0.6
 ZOBO 6.63 360 P 41 58.80 -0.3
 ARE 7.20 333 eP 42 05.00 -1.5
 RTLL 8.35 182 ePc 42 19.20 -2.2
 SIV 9.59 45 P 42 34.00 -3.8X
 ITB1 12.67 100 P 43 21.50 3.6X
 PPD 15.55 90 eP 43 55.30 1.1
 VAO 19.46 94 eP 44 37.80 -1.1
 BAO 20.32 73 Pd 44 47.10 -0.6
 LIC 68.09 73 P 51 07.80 0.9
 KIC 68.40 73 P 51 10.00 1.2
 S.D. = 1.3 on 14 of 16 obs.

& OCT 09, 1992 09h 16m 36.13s
 60.955 N 150.414 W
 DEPTH = 31.9km
 KENAI PENINSULA, ALASKA (14)
 <AEIC>. ML 2.2 (AEIC).

SLKM 0.46 168 iPd 16 45.17 -0.9
 SPU 0.83 287 iPd 16 50.46 -1.1
 PMR 0.89 44 eP 16 50.67 -1.7
 CRP 0.90 291 eP 16 51.33 -1.4
 BGL 1.01 289 ePc 16 53.33 -0.8
 KLU 2.24 74 eP 17 08.21 -3.6
 SVW 2.54 276 eP 17 13.76 -2.3
 FBA 4.14 16 (P) 17 36.84 -1.8
 8 obs. associated

OCT 09, 1992 09h 34m 51.00 ± 0.27s
 0.936 S ± 5.5km 15.966 W ± 5.2km
 DEPTH = 10.0km (geophysicist)
 5.3mb (40 obs.) 4.9Msz (12 obs.)
 NORTH OF ASCENSION ISLAND (407)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 23S, 33C
 Centroid Location:
 Origin Time 09:35: 0.1 0.4
 Lat 0.78S 0.07 Lon 16.28W 0.06
 Dep 15.0 FIX Half-duration 1.0
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-0.72 0.04 Mtt=-0.28 0.06
 Mff= 1.00 0.05 Mrt= 0.43 0.14
 Mrf=-0.45 0.22 Mtf= 0.10 0.04
 Principal Axes:
 T Val= 1.11 Plg=14 Azm= 90
 N -0.04 28 352
 P -1.08 58 203
 Best Double Couple: Mo=1.1*10¹⁷
 NP1: Strike=213 Dip=40 Slip= -42
 NP2: 338 65 -122

LIC 13.03 57 P 38 00.00 1.0
 TIC 13.27 55 P 38 00.70 -1.4
 KIC 13.34 57 P 38 01.60 -1.5
 PDOR 25.68 242 eP 40 22.30 -0.8
 TIO 32.75 14 iPc 41 27.00 0.6
 BDF 34.74 243 Pd 41 44.00 0.1
 BAO 34.81 244 e(P) 41 44.00 -0.5
 e 41 51.00
 e 41 58.00
 e 42 03.10
 e 42 07.50
 e 42 14.50
 e 42 20.10
 e 42 26.00
 e 42 32.10

e 42 20.10
 e 42 26.00
 e 42 32.00
 IFR 35.76 16 iP 41 54.00 1.6
 EJIF 38.46 14 iPd 42 16.00 1.2
 EPRU 39.00 14 eP 42 20.50 1.0
 ECOG 39.72 16 eP 42 26.00 0.5
 EBAN 40.50 15 iPc 42 32.00 0.2
 EPLA 41.79 11 iPc 42 43.50 1.1
 TOL 42.06 14 iPc 42 46.20 1.6
 1.8s 363.64nm 5.8mb
 GUD 42.76 13 iPc 42 52.00 1.6
 LWI 44.77 92 ePd 43 08.00 0.7
 EPF 46.16 17 eP 43 18.50 0.9
 SIV 46.91 249 P 43 25.00 1.1
 KRI 47.56 112 iPd 43 29.00 -0.2
 ipP 43 44.00 58kmX
 LPO 47.92 16 eP 43 31.70 0.2
 1.1s 22.45nm 5.2mb
 LFF 48.03 16 eP 43 32.70 0.4
 1.4s 83.20nm 5.6mb
 KSR 48.14 125 eP 43 35.00 1.3
 CAF 48.39 17 eP 43 35.20 0.0
 1.2s 34.50nm 5.3mb
 RJF 48.58 16 eP 43 36.60 0.0
 1.4s 44.85nm 5.3mb
 Z 19s 0.63um 4.6Msz
 SLR 49.23 124 iPc 43 40.70 -1.4
 0.7s 17.12nm 5.2mb
 Z 20s 2.13um 5.1Msz
 MFF 49.34 14 eP 43 42.30 -0.1
 1.3s 41.90nm 5.3mb
 LSF 49.45 16 eP 43 43.50 0.2
 1.2s 56.25nm 5.4mb
 TCF 49.68 16 eP 43 45.50 0.5
 MAF 49.72 17 eP 43 46.00 0.7
 1.4s 94.55nm 5.6mb
 BGF 50.11 17 eP 43 48.70 0.4
 0.9s 16.70nm 5.0mb
 LPG 50.42 21 eP 43 51.70 0.7
 0.9s 20.45nm 5.1mb
 LPL 50.43 21 eP 43 51.70 0.7
 0.6s 10.30nm 5.0mb
 AVF 50.46 17 eP 43 51.20 0.2
 LPF 50.47 13 eP 43 51.00 0.0
 SMF 50.48 18 eP 43 51.30 0.2
 FIR 50.74 25 e(P) 43 52.00 -1.1
 SSF 50.75 17 eP 43 53.40 0.2
 1.2s 41.95nm 5.3mb
 LBF 50.83 18 eP 43 53.70 -0.1
 1.2s 33.30nm 5.2mb
 GRR 50.85 13 eP 43 53.70 -0.2
 LOR 51.05 17 eP 43 55.30 -0.1
 0.6s 9.55nm 4.9mb
 Z 22s 0.75um 4.7Msz
 DIX 51.16 21 ePc 43 57.30 0.7
 LDF 51.21 13 eP 43 56.40 -0.2
 FLN 51.29 13 eP 43 56.80 -0.4
 Z 22s 0.65um 4.6Msz
 MMK 51.33 21 ePc 43 58.20 0.3
 TMA 51.71 22 ePc 43 59.90 -0.8
 CCH 51.95 249 eP 44 03.00 -0.1
 VDL 52.25 22 P 44 04.48 -0.4
 BBS 52.38 20 P 44 05.50 -0.1
 BSF 52.46 19 eP 44 05.40 -0.9
 1.3s 50.90nm 5.3mb
 HAU 52.47 19 eP 44 05.70 -0.5
 1.2s 51.45nm 5.3mb
 Z 18s 0.45um 4.6Msz
 TPE 52.52 34 eP 44 06.50 -0.2
 VITF 52.54 18 P 44 06.69 0.0
 MOF 52.59 19 P 44 06.69 -0.5
 OSS 52.68 22 ePc 44 07.30 -0.7
 ZLA 52.70 21 ePc 44 07.80 -0.2
 NAI 52.76 91 P 44 14.00 4.8X
 Z 20s 2.13um 5.2Msz
 BERA 52.76 34 eP 44 09.80 1.4
 FEL 52.91 20 P 44 09.16 -0.5
 ECH 52.92 19 P 44 09.34 -0.2
 SLE 52.98 20 ePc 44 09.80 -0.3
 CDF 53.13 19 P 44 10.70 -0.5
 TIR 53.15 33 eP 44 12.00 0.7
 WLS 53.15 19 P 44 11.04 -0.3
 OGA 53.16 23 iPc 44 11.30 -0.3

09d 09h

TRI	53.36	26	eP	44	12.30	-0.4
			e	51	52.00	
SDA	53.44	33	eP	44	12.30	-1.1
CNCB	53.55	250	P	44	15.00	-0.3
ZOBO	53.59	250	iPc	44	15.00	-0.7
	1.9s				87.55nm	5.4mb
	Z	22s			2.77um	5.3Msz
			LR	00	08.00	
LPB	53.61	250	P	44	16.30	0.7
	Z	20s			4.96um	5.6Msz
			LR	00	52.00	
VOY	53.67	26	eP	44	15.40	0.2
			e	46	24.90	
CEY	53.67	26	eP	44	15.00	-0.1
DOU	53.81	16	Pc	44	15.50	-0.5
			e	44	33.00	
VBY	53.86	27	eP	44	17.00	0.6
WLF	53.87	18	P	44	19.00	2.6
KKS	53.95	33	eP	44	18.00	0.9
LJU	53.95	26	eP	44	17.40	0.3
SKO	54.45	34	iP	44	21.30	0.5
	1.2s				63.00nm	5.5mb
	Z	15s			1.36um	5.1MszX
			LR	09	54.00	
BHG	54.59	24	iPc	44	20.90	-0.9
ENN	54.79	17	eP	44	23.50	0.3
	1.0s				35.00nm	5.3mb
			e	44	32.00	
			e	44	43.00	
GRF	55.58	21	eP	44	27.60	-1.4
	2.1s				123.00nm	5.6mb
	Z	19s			0.40um	4.5Msz
WET	55.75	23	iPc	44	29.90	-0.3
	1.6s				88.00nm	5.5mb
GEC2	55.82	23	P	44	30.00	-0.9
	0.9s				9.87nm	4.8mb
KHC	56.00	23	eP	44	31.50	-0.6
	1.5s				25.00nm	5.0mb
	Z	16s			1.00um	5.0MszX
	N	16s			1.00um	
	E	16s			0.80um	
			e	44	40.30	
			e	46	34.00	
UZD	56.21	28	e(P)	44	33.50	0.0
MOX	56.51	21	eP	44	35.20	-0.5
	1.5s				38.00nm	5.2mb
	Z	18s			0.70um	4.8Msz
	N	18s			0.60um	
	E	16s			0.40um	
			e	44	43.90	
ZST	56.73	26	eP	44	36.30	-1.0
			e	46	39.00	
BZS	57.00	31	eP	44	31.00	-8.2X
EKA	57.06	9	P	44	40.00	0.5
	2.0s				175.40nm	5.7mb
PRU	57.07	23	Pc	44	38.80	-0.9
BRG	57.55	22	iPc	44	42.40	-0.6
	1.4s				34.00nm	5.2mb
			i	44	52.10	
CLL	57.56	21	iPc	44	42.10	-1.0
	1.7s				48.00nm	5.3mb
KSP	58.43	23	eP	44	47.70	-1.5
SPC	58.87	27	eP	44	52.10	-0.4
			e	47	05.30	
MDZ	58.91	232	i(P)	44	53.70	0.8
MLR	59.21	33	ePc	44	39.50	-15.4X
RFA	59.32	229	ePc	44	55.00	-0.8
OJC	59.42	26	eP	44	56.50	0.4
VRI	59.88	33	ePc	44	42.50	-16.8X
KIS	61.75	33	eP	45	09.00	-3.0X
	Z	16s			0.40um	4.7MszX
LMN	63.36	324	eP	45	25.50	2.7
HFS	65.11	16	eP	45	32.40	-1.5
	0.4s				2.70nm	4.8mb
NB2	65.25	14	P	45	33.80	-1.1
	0.9s				13.80nm	5.1mb
MNK	65.42	27	eP	45	38.00	2.0
HRV	65.99	318	eP	45	38.74	-1.1
	1.3s				38.40nm	5.4mb
BNH	66.71	320	eP	45	44.02	-0.4
ERE	68.46	46	iP	45	55.00	-0.7
	Z	17s			0.65um	4.9MszX
RSNY	68.81	319	eP	45	57.36	-0.3
	0.8s				9.64nm	5.0mb
NUR	68.81	20	eP	45	57.00	-0.3
TAB	69.09	48	e(P)	46	06.00	6.3X
OBN	70.36	29	eP	46	05.50	-1.4

	1.5s				56.00nm	5.5mb
	Z	20s			1.10um	5.1Msz
	N	20s			0.80um	
			e	46	13.00	
			(S)	55	10.00	
			eSSS	03	16.00	
			LQ	11	16.00	
			LR	14	24.00	
KAF	70.51	20	eP	46	04.90	-2.8
	1.2s				29.40nm	5.3mb
NAV	70.77	310	(P)	46	09.60	-0.3
MOS	71.20	29	eP	46	10.00	-2.0
SHI	71.87	58	eP	46	17.00	0.2
EEO	72.55	320	eP	46	23.50	3.2X
JAO	73.40	328	eP	46	26.00	0.9
ELC	77.30	308	eP	46	45.55	-2.1
FVM	78.36	309	eP	46	51.98	-1.5
	1.0s				24.77nm	5.2mb
OLY	78.76	306	eP	46	54.66	-1.1
MAIO	78.86	53	iPd	46	56.60	0.2
			eS	57	08.00	
MIAR	80.33	305	(P)	47	04.48	0.2
	1.4s				21.02nm	4.9mb
UYO	81.01	305	iPc	47	07.00	-0.8
ARU	82.27	33	eP	47	15.00	1.1
SVE	83.46	33	ePc	47	22.20	2.2
	2.5s				110.00nm	5.6mb
ULM	84.26	321	eP	47	25.00	0.8
SPA	89.07	180	iPd	47	50.30	2.7
	1.0s				13.00nm	5.2mb
RSSD	89.26	314	(P)	47	48.68	-0.4
GOL	90.13	310	eP	47	53.57	0.3
	1.6s				38.03nm	5.4mb
FRU	91.06	47	iP	47	59.00	1.8
	2.0s				70.00nm	5.6mb
	Z	20s			1.00um	5.3Msz
			e	51	40.00	
PV10	92.99	308	eP	48	08.00	1.5
MBC	94.08	347	eP	48	12.50	2.1
SRU	94.13	309	eP	48	10.33	-1.3
ASPA	141.85	132	ePKP	54	21.00	-4.7X
WRA	144.25	127	PKP	54	28.20	-1.7
	0.6s				0.50nm	
WB2	144.26	127	ePKP	54	27.80	-2.1X
	0.6s				2.30nm	
RMQ	149.01	153	ePKP	54	37.50	0.0
CTA	152.79	141	e(PKP)	54	34.00	-9.3X
	S.D. = 1.0				on 127 of 137 obs.	
? OCT 09, 1992 09h 54m 55.87± 8.43s						
40.196 N ± 29.5km 124.295 W ± 67.8km						
DEPTH = 10.0km (geophysicist)						
NEAR COAST OF NORTHERN CALIF. (35)						
ML 3.0 (GS).						
FHC	0.65	21	eP	55	08.87	0.0
			eS	55	18.41	
WDC	1.39	73	eP	55	21.29	-0.1
LBFM	2.16	57	eP	55	32.63	0.1
ORV	2.24	106	eP	55	33.63	0.0
	S.D. = 0.1				on 4 of 4 obs.	
? OCT 09, 1992 09h 55m 45.49± 1.18s						
40.653 N ± 8.6km 23.031 E ± 10.8km						
DEPTH = 10.0km (geophysicist)						
GREECE (364)						
KNT	0.52	349	ePg	55	56.32	0.3
			eSg	56	03.92	
GRG	0.57	303	ePg	55	56.68	-0.3
			eSg	56	04.48	
SRS	0.63	42	ePg	55	57.96	-0.2
			eSg	56	07.40	
LIT	0.69	217	ePg	55	59.24	0.1
	S.D. = 0.5				on 4 of 4 obs.	
? OCT 09, 1992 10h 12m 29.73± 0.82s						
42.358 N ± 8.4km 7.889 W ± 7.2km						
DEPTH = 10.0km (geophysicist)						
SPAIN (377)						
mbLg 3.4 (MDD). Felt (III) in						
the Orense area.						
ERUA	0.55	86	iPg	12	41.50	0.5
			eSg	12	48.00	
EZAM	0.63	251	iPg	12	43.20	0.7
			eSg	12	51.30	

STS	0.72	317	iPg	12	43.20	-0.7
			eSg	12	55.50	
EMON	1.15	21	iPg	12	51.50	0.2
			eSg	13	08.50	
EPLA	2.67	149	ePn	13	12.80	-0.7
	S.D. = 1.0				on 5 of 5 obs.	
* OCT 09, 1992 10h 15m 49.53± 0.91s						
1.550 S ± 21.0km 15.366 W ± 17.2km						
DEPTH = 10.0km (geophysicist)						
4.6mb (7 obs.) 4.8Msz (2 obs.)						
NORTH OF ASCENSION ISLAND (407)						
LIC	12.89	53	P	19	01.52	5.9X
TIC	13.15	52	P	18	57.52	-1.6
			e	29	07.00	
KIC	13.20	53	P	19	00.20	0.5
EPF	46.58	16	eP	24	19.90	0.4
SIV	4					

NGZ 1.48 201 eP 29 24.30 0.7
 MOH 1.50 153 P 29 23.80 0.1
 NOZ 1.61 121 P 29 24.70 0.1
 HBZ 1.62 84 P 29 24.80 0.2
 TTH 1.79 166 P 29 27.10 0.9
 MAHZ 1.88 138 P 29 27.80 0.8
 WAHZ 1.90 178 P 29 27.40 0.1
 BSZ 2.26 207 P 29 31.60 0.9
 PGZ 2.82 180 P 29 36.90 0.2
 KIW 3.24 199 P 29 41.50 0.0
 MTW 3.41 190 P 29 43.10 -0.4
 CAW 3.44 195 P 29 43.60 -0.3
 DIW 3.51 211 P 29 44.70 -0.1
 BLW 3.62 190 P 29 45.70 -0.3
 MRW 3.64 199 P 29 46.00 -0.2
 S 30 28.50
 MOW 3.70 192 P 29 46.50 -0.6
 TCW 3.75 204 P 29 47.50 0.0
 ORZ 4.19 223 P 29 53.10 0.1
 KHZ 5.07 204 P 30 03.80 0.0

S.D. = 0.6 on 24 of 24 obs.

OCT 09, 1992 12h 16m 54.62±0.18s
 51.552 N ± 5.1km 176.867 W ± 2.5km
 DEPTH = 33.0km (normal)
 5.3mb (79 obs.) 4.9msz (37 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 ML 5.2 (PMR). Ms 5.2 (BRK). Felt
 (IV) on Adak.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 35S, 64C
 Centroid Location:
 Origin Time 12:16:59.5 0.2
 Lat 51.58N 0.02 Lon 176.69W 0.03
 Dep 47.0 1.9 Half-duration 1.4
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-1.51 0.04 Mtt=-1.18 0.06
 Mff=-0.34 0.04 Mrt= 1.21 0.07
 Mrf= 1.03 0.08 Mtf=-0.68 0.05
 Principal Axes:
 T Val= 2.21 Plg=66 Azm=311
 N 0.01 6 55
 P -2.21 23 148
 Best Double Couple: Mo=2.2*10¹⁷
 NP1: Strike=250 Dip=23 Slip= 106
 NP2: 53 68 84

ADK 0.35 19 iPd 17 06.31 3.3
 SMY 5.69 286 eP 18 19.90 1.0
 SDN 10.47 62 eP 19 25.90 0.5
 ANM 14.36 20 eP 20 22.05 4.8X
 PET 15.04 285 eP 20 28.00 1.9
 1.0s 60.00nm 4.8mb
 Z 23s 7.40um
 N 27s 7.20um
 eS 23 18.00
 SVW 15.11 42 eP 20 29.57 2.5
 0.7s 665.67nm 6.0mb
 KDC 15.36 57 eP 20 28.81 -1.4
 0.4s 78.99nm 5.3mb
 TTA 15.95 36 eP 20 39.27 1.4
 0.8s 82.08nm 4.9mb
 ILT 16.43 358 iPd 20 48.00 4.2X
 2.0s 391.00nm 5.2mb
 Z 18s 9.00um
 N 18s 6.50um
 E 18s 3.00um
 BGL 16.57 45 eP 20 48.64 2.8
 CRP 16.67 45 eP 20 49.56 2.4
 SPU 16.68 45 eP 20 49.01 1.8
 SKR 16.97 278 eP 20 51.00 0.2
 Z 20s 5.20um
 N 20s 2.40um
 E 22s 18.00um
 eS 23 58.00
 SLKM 17.27 48 eP 20 53.52 -1.0
 PMR 18.14 46 eP 21 05.90 0.7
 0.5s 15.86nm 4.4mb
 IMA 18.68 30 eP 21 11.94 -0.1
 1.4s 146.89nm 5.0mb
 KLU 19.56 47 eP 21 20.81 -1.6
 TOA 19.63 46 eP 21 23.40 0.3
 MGD 19.89 308 eP 21 25.50 -0.2
 Z 17s 1.40um
 N 17s 1.80um
 E 17s 1.10um

FBA 20.07 37 eP 21 24.59 -3.0X
 0.8s 94.40nm 5.2mb
 BALM 21.13 50 eP 21 38.61 -0.1
 KUR 24.08 269 iPd 22 10.00 2.3
 1.0s 340.00nm 5.8mb
 SIT 24.56 61 eP 22 32.00 19.8X
 YSS 26.50 276 ePc+ 22 31.70 1.2
 1.1s 60.00nm 5.1mb
 Z 20s 1.70um 4.6msz
 E 20s 1.00um
 e 22 47.00
 e 22 55.30
 ePPP 23 32.80
 (S) 26 53.00
 YAK 30.20 311 eP 23 05.30 1.6
 1.1s 75.00nm 5.4mb
 Z 23s 2.50um 4.8mszX
 N 24s 2.00um
 E 25s 2.50um
 i 26 03.00
 e 29 43.00
 TIK 31.08 330 eP 23 12.00 0.7
 Z 17s 3.40um 5.1mszX
 i 23 28.00
 e 24 17.00
 i 26 04.30
 e 30 03.00
 eSS 30 20.00
 MBC 33.00 22 eP 23 31.50 3.5X
 1.0s 54.00nm 5.4mb
 HON 33.56 147 P 23 40.00 6.5X
 Z 21s 2.87um 5.0msz
 PGC 33.75 73 eP 23 37.00 2.1
 MCW 34.11 73 eP 23 38.40 0.3
 YKA 34.23 47 eP 23 37.00 -1.9
 0.9s 10.60nm 4.8mb
 GMW 34.64 75 ePd 23 43.94 1.3
 BMW 34.88 77 ePd 23 45.74 1.1
 eP 23 56.40 38kmX
 ePcP 26 16.93
 MAT 35.01 262 (P) 23 47.00 1.2
 0.9s 121.85nm 5.8mb
 Z 20s 1.42um 4.7msz
 eS 29 13.00
 RMW 35.27 74 eP 23 48.25 0.2
 LON 35.60 76 eP 23 51.23 0.4
 SHW 35.61 77 eP 23 50.92 -0.1
 MDJ 35.73 280 eP 23 50.50 -1.4
 1.0s 28.00nm 5.1mb
 VGB 36.84 77 eP 24 02.14 0.9
 ePcP 26 22.81
 e 26 35.49
 DPW 37.23 72 eP 24 03.62 -0.9
 NEW 37.69 71 iPd 24 09.00 0.7
 1.0s 163.00nm 5.8mb
 iPP 24 19.00 34kmX
 LBFM 38.38 83 eP 24 15.29 0.8
 WDC 38.42 85 eP 24 15.49 1.0
 1.2s 28.16nm 5.0mb
 Z 18s 0.56um 4.4msz
 CN2 38.70 282 Pd 24 16.40 -0.4
 0.8s 15.00nm 4.8mb
 Z 23s 3.86um 5.2mszX
 N 21s 1.93um
 E 21s 2.59um
 eSP 24 30.80
 ePP 25 45.00
 BOD 38.74 307 eP 24 17.30 0.3
 0.6s 9.00nm 4.7mb
 MIN 39.14 84 eP 24 21.56 0.9
 ORV 39.67 85 ePd 24 25.47 0.6
 SES 40.20 65 eP 24 28.00 -1.2
 0.6s 33.00nm 5.3mb
 SNY 40.94 280 iPd 24 35.40 0.1
 1.2s 190.00nm 5.7mb
 Z 22s 2.19um 5.0msz
 pP 24 49.00 52kmX
 S 30 42.00
 ARN 40.98 88 eP 24 35.82 0.0
 CMB 41.28 86 eP 24 30.00 -8.2X
 Z 21s 3.20um 5.2msz
 eS 30 39.00
 eLQ 34 22.00
 eLR 36 00.00
 CMB 41.28 86 eP 24 38.94 0.7
 1.1s 22.11nm 4.8mb
 Z 21s 1.84um 4.9msz

CIT 41.50 299 ePcP 26 36.27
 PRS 41.72 89 ePd 24 40.00 0.1
 LLA 41.81 88 eP 24 43.04 1.2
 LCCM 42.01 71 eP 24 43.52 0.9
 KVN 42.08 83 eP 24 46.28 1.3
 ePcP 26 39.57
 PRI 42.28 89 ePd 24 49.79 3.2X
 FRI 42.35 87 eP 24 47.33 0.4
 MEMM 42.40 86 eP 24 48.87 1.5
 BONR 42.62 85 eP 24 50.16 0.6
 PHAM 42.65 89 eP 24 50.56 1.1
 PKEM 42.68 88 eP 24 50.21 0.5
 HHA1 43.11 75 eP 24 53.09 -0.1
 (PcP) 26 44.03
 TNP 43.22 84 eP 24 54.03 -0.3
 0.7s 16.68nm 4.9mb
 ePcP 26 43.67
 PTI 43.35 75 eP 24 56.72 1.4
 HVU 43.74 77 eP 24 58.42 0.0
 eP 25 08.81 36kmX
 ePcP 26 45.33
 DL2 43.86 278 Pc 24 59.00 -0.2
 1.0s 170.00nm 5.8mb
 Z 36s 0.87um 4.4mszX
 ISA 43.96 88 eP 24 58.95 -1.2
 1.1s 33.46nm 5.0mb
 Z 21s 1.10um 4.7msz
 ABL 44.02 89 eP 25 01.43 0.6
 TPNV 44.53 85 eP 25 05.04 0.2
 0.7s 38.62nm 5.4mb
 Z 18s 2.01um 5.1msz
 DUG 44.65 79 eP 25 05.72 -0.1
 1.2s 69.20nm 5.4mb
 ePcP 26 48.79
 ePcP 27 00.48
 NRI 44.67 330 iPd 25 03.80 -1.5
 1.0s 20.00nm 4.9mb
 i 25 16.00
 e 26 47.00
 ePPP 27 25.00
 eS 31 34.00
 FCC 44.96 47 eP 25 09.50 1.7
 BW06 45.10 74 ePc 25 09.00 -0.5
 0.9s 73.87nm 5.6mb
 GSC 45.23 87 eP 25 10.14 -0.3
 iPcP 26 51.77
 SSK 45.39 89 eP 25 12.35 0.6
 DAU 45.47 77 eP 25 12.42 -0.1
 ePcP 26 50.48
 ARUT 45.74 82 eP 25 14.24 -0.3
 PEC 45.93 89 eP 25 15.59 -0.3
 0.5s 2.64nm 4.4mb
 ePcP 26 52.02
 ePcP 27 03.98
 MSU 46.07 80 eP 25 16.84 -0.3
 ePcP 26 54.06
 ePcP 27 04.59
 eScP 30 42.07
 e 31 04.80
 EMUT 46.10 78 ePd 25 17.92 0.5
 ePcP 26 53.41
 IRK 46.32 304 ePd 25 31.20 12.5X
 Z 18s 0.75um 4.7msz
 E 16s 0.63um
 i 26 55.00
 PLM 46.47 89 eP 25 19.92 -0.4
 BJI 46.52 283 ePd 25 21.00 0.7
 1.0s 99.00nm 5.7mb
 Z 22s 2.48um 5.1msz
 N 20s 1.56um
 eSP 25 34.00
 eS 32 06.00
 SRU 46.71 78 eP 25 21.93 -0.3
 RSSD 47.57 69 eP 25 27.42 -1.6
 0.8s 47.06nm 5.6mb
 Z 22s 0.70um 4.6msz
 ZAK 47.89 302 eP 25 30.00 -1.1
 1.4s 23.00nm 5.0mb
 Z 22s 1.35um 4.9msz
 N 20s 0.86um
 E 21s 2.50um
 e 26 59.50
 ePPP 28 21.00
 eS 32 33.00
 eSS 35 47.00
 GLA 47.94 88 eP 25 30.75 -1.0

		1.2s	53.91nm			5.4mb
GUN		72.91	293 P	28	21.42	-1.2
BDT		73.07	276 iPc	28	23.00	-0.3
		0.8s	51.90nm			5.6mb
KKN		73.34	294 P	28	25.30	0.3
PKI		73.43	293 P	28	25.72	0.0
GKN		73.55	294 P	28	26.34	0.2
NST		73.56	275 eP	28	25.00	-1.1
DMN		73.58	294 P	28	27.30	0.8
DMU		74.58	6 eP	28	31.00	-0.5
DZM		74.75	196 iPd	28	33.30	0.4
DCN		75.11	6 eP	28	31.00	-3.6
MKS		78.15	246 ePc	28	53.90	1.8
CTA		78.30	215 iPd	28	53.30	0.6
		1.3s	28.85nm			5.1mb
			iPp	29	05.00	39km
			eS	39	06.00	
MTN		78.33	232 eP	28	53.00	0.0
		0.7s	181.00nm			6.2mb
PYA		78.72	332 eP	28	55.00	0.2
Z		20s	1.00um			5.1Msz
DOU		78.72	359 P	28	55.50	0.8
GRF		78.90	355 eP	28	57.50	1.8
Z		28s	0.70um			4.8Msz
			e	32	16.40	
			e	38	43.60	
KHC		79.30	353 eP	28	58.40	0.4
Z		20s	0.90um			5.1Msz
N		20s	0.60um			
E		20s	0.80um			
			e	29	13.50	
			e	29	28.50	
MAIO		79.57	317 eP	29	02.00	2.3
GEC2		79.58	353 P	28	58.70	-0.8
		0.9s	1.95nm			4.1mb
FLN		80.02	2 eP	29	02.50	0.8
		0.6s	7.50nm			4.9mb
Z		21s	0.47um			4.8Msz
LDF		80.20	2 eP	29	03.20	0.5
		0.6s	8.75nm			4.9mb
MTA		80.31	330 eP	29	00.00	-3.3
CDF		80.35	357 eP	29	04.40	0.7
GRR		80.38	3 eP	29	04.50	0.8
		0.5s	5.10nm			4.8mb
LPF		80.73	3 eP	29	05.90	0.4
BSF		80.95	358 eP	29	07.30	0.5
		0.7s	3.75nm			4.5mb
IPM		81.52	267 ePd	29	10.90	0.7
		0.9s	44.30nm			5.5mb
LOR		81.56	360 eP	29	10.10	0.2
		0.9s	4.90nm			4.5mb
Z		22s	0.52um			4.9Msz
SSF		81.77	360 eP	29	11.40	0.4
		0.9s	9.15nm			4.8mb
ERE		81.78	329 iP	29	12.00	0.8
Z		20s	1.40um			5.3Msz
LBF		81.84	359 eP	29	11.50	0.1
AVF		82.04	360 eP	29	12.70	0.3
KGM		82.09	263 eP	29	13.00	-0.1
SMF		82.18	360 eP	29	13.40	0.2
MFF		82.19	2 eP	29	13.00	-0.1
		0.8s	7.80nm			4.8mb
BGF		82.27	0 eP	29	14.00	0.4
LSF		82.57	1 eP	29	14.80	-0.4
		0.6s	7.60nm			4.9mb
MAF		82.61	0 eP	29	15.20	-0.2
BRS		83.02	207 iPc	29	18.50	0.9
			iPp	29	31.00	42km
RMQ		83.38	211 iPd	29	20.70	1.3
		0.7s	16.00nm			5.3mb
LPO		84.13	1 eP	29	22.40	-0.8
QLP		84.98	214 iPd	29	28.60	1.1
		0.8s	40.00nm			5.7mb

STK	90.74	214	iPc	29	56.20	1.2
	0.8s		8.40nm			5.1mb
MBL	91.06	237	eP	29	56.30	-0.4
	0.7s		30.00nm			5.8mb
WARB	91.90	229	eP	30	01.00	0.5
SIV	118.37	80	PKP	35	39.40	-0.9
			i	36	58.80	
TIC	121.61	10	PKP	35	44.82	-1.7
KIC	121.92	9	PKP	35	45.38	-1.7
	0.5s		6.00nm			
LIC	122.03	10	PKP	35	46.04	-1.2
PDCR	128.29	57	ePKP	35	57.20	-2.1
KRI	139.46	319	iPKPc	36	22.40	1.9
SPA	141.36	180	iPKPc	36	16.60	-5.8X
	1.2s		21.13nm			
			i	37	59.30	
BUL	142.84	318	iPKPc	36	23.90	-2.5X
	0.8s		10.07nm			
AIA	144.05	139	ePKP	36	25.00	-1.9
MAW	147.36	218	iPKPd	36	35.00	2.7X
	0.9s		95.00nm			
SLR	147.90	314	iPKPd	36	35.20	0.5
	0.8s		115.67nm			
KSR	148.62	316	iPKPd	36	40.00	4.1X
	1.0s		65.00nm			
BLF	151.74	314	iPKPc	36	45.80	5.3X
	0.9s		153.85nm			

S.D. = 1.2 on 192 of 218 obs.

? OCT 09, 1992 12h 41m 48.08±5.78s
 42.537 N ±50.7km 23.847 E ±13.2km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)
 MD 2.6 (THE).

SRS	1.43	188	ePb	42	13.82	-0.3
			eSb	42	39.30	
KNT	1.55	208	ePb	42	15.30	-0.4
			eSb	42	41.18	
SOH	1.75	192	ePn	42	19.02	0.3
			eSn	42	48.50	
GRG	1.91	215	ePn	42	21.30	0.2
			eSn	42	49.40	
OUR	2.20	177	ePn	42	25.30	0.1
ALN	2.32	134	ePn	42	26.90	0.0
YER	6.38	146	iPg	44	01.50	37.0X

S.D. = 0.4 on 6 of 7 obs.

OCT 09, 1992 12h 45m 47.34±0.60s
 4.219 S ±6.0km 127.656 E ±7.8km
 DEPTH = 228.9 ± 6.7 km
 5.0mb (24 obs.)
 BANDA SEA (280)

AAI	0.75	46	ePd	46	18.30	-0.7
			eS	46	33.00	
MNI	6.29	333	ePc	47	20.00	0.6
	0.9s		1946.00nm			6.2mb X
MKS	8.22	263	iPd	47	50.50	6.2X
MTN	9.23	158	eP	47	57.20	-0.2
			eS	49	40.00	
KNA	11.51	175	eP	48	26.50	0.2
	0.4s		95.00nm			5.4mb
TSM	12.92	311	ePd	48	48.00	3.9X
KKM	15.31	312	ePc	49	15.00	1.4
	1.0s		110.80nm			5.2mb
MBL	18.48	204	iPd	49	47.80	-0.9
	0.5s		50.00nm			5.3mb
OIS	19.97	145	eP	50	03.80	-0.1
PMG	20.03	106	eP	50	05.00	0.5
NANU	21.69	212	iPc	50	21.30	0.6
WARB	21.86	182	eP	50	23.40	1.0
	0.4s		19.00nm			5.0mb
			e	50	33.00	
CTA	24.02	133	iPc	50	44.00	0.9
	1.1s		47.47nm			5.0mb
MRWA	27.21	203	eP	51	11.00	-1.1
QLP	27.32	146	eP	51	12.70	-0.3
IPM	28.00	288	ePc	51	19.50	0.1
	0.9s		194.40nm			5.8mb
STK	30.47	156	eP	51	39.90	-1.0
	0.6s		19.10nm			4.9mb
			i	52	42.90	
CMS	32.06	150	iPd	51	54.40	-0.3
	0.3s		3.00nm			4.4mb
BRS	33.24	136	iPc	52	04.50	-0.6
	0.9s		10.00nm			4.4mb

LOE	33.42	311	eP	52	28.00	
NST	33.66	307	eP	52	06.20	-0.4
ARMA	34.51	142	iPd	52	10.70	2.1
	0.7s		33.00nm			5.0mb
BDT	35.43	308	iPd	52	24.00	0.4
	0.5s		38.80nm			5.2mb
BWA	35.71	150	iPc	52	27.90	2.1
CHG	36.38	310	iPd	52	32.60	1.0
	1.0s		80.25nm			5.2mb
GYA	36.65	327	iPc	52	34.60	0.7
	1.0s		23.00nm			4.7mb
			PcP	54	52.40	
CAN	36.71	150	eP	52	35.40	1.2
KMI	37.90	322	Pd	52	46.00	1.5
	1.9s		50.00nm			4.8mb
DZM	41.55	119	iPc	53	14.30	-0.1
CD2	41.72	328	Pc	53	15.20	-0.4
	0.6s		17.00nm			4.7mb
BJI	45.29	348	eP	53	43.00	-0.9
	0.8s		8.00nm			4.1mb
LZH	45.87	333	iPd	53	49.00	0.1
	1.4s		47.00nm			4.7mb
			pP	54	39.00	234kmX
			sP	55	08.00	
LSA	48.59	316	iPd	54	10.70	0.3
	0.5s		13.00nm			4.6mb
GTA	50.43	332	Pd	54	23.30	-0.6
	1.0s		33.00nm			4.8mb
			pP	55	10.00	211kmX
			sP	55	38.00	
			sP	59	12.50	
			eS	01	17.00	
GUN	51.38	311	P	54	30.64	-0.8
	0.5s		170.00nm			5.8mb
PKI	51.56	310	P	54	31.60	-1.2
KKN	51.77	311	P	54	33.30	-0.9
	0.6s		103.00nm			5.5mb
DMN	51.81	310	P	54	33.46	-1.1
	0.4s		67.00nm			5.5mb
GKN	52.36	310	P	54	37.36	-1.1
	0.3s		1.44nm			3.9mb X
GBA	52.89	290	P	54	42.00	-0.3
HYB	53.01	295	ePd	54	41.00	-2.2
	1.0s		75.00nm			5.2mb
MNG	56.14	137	eP	55	03.70	-1.8
PGZ	56.68	137	eP	55	08.10	-1.1
POO	57.61	295	iPc	55	03.00	-13.1X
WMO	59.81	327	iPc	55	30.50	-0.3
	1.0s		40.00nm			5.0mb
KIC	132.56	275	PKP	04	38.20	1.0
			e	07	42.00	
TIC	132.84	275	PKP	04	38.80	1.0
			e	07	43.00	
LIC	132.85	275	PKP	04	38.80	1.0
			e	07	43.00	

S.D. = 1.0 on 45 of 48 obs.

* OCT 09, 1992 12h 54m 45.28±1.01s
 34.708 N ±11.4km 30.423 E ±11.3km
 DEPTH = 10.0km (geophysicist)
 EASTERN MEDITERRANEAN SEA (371)
 ML 2.9 (CSS).

PPCY	1.59	83	eP	55	13.70	0.2
			eS	55	28.30	
CSS	2.40	83	eP	55	25.60	0.3
			eS	55	47.00	
BCK	2.75	3	ePn	55	30.90	0.6
YER	2.98	325	ePn	55	34.00	0.5
CIN	3.45	327	eP	55	39.00	-1.1
HRI	4.64	106	eP	55	56.10	-1.1
JVI	4.97	123	eP	56	01.40	-0.3
SAGI	5.73	140	eP	56	13.40	0.9
			eS	57	13.40	

S.D. = 0.9 on 8 of 8 obs.

* OCT 09, 1992 13h 21m 36.35±1.30s
 34.526 N ±16.2km 30.332 E ±11.8km
 DEPTH = 10.0km (geophysicist)
 EASTERN MEDITERRANEAN SEA (371)
 ML 3.2 (CSS).

PPCY	1.70	77	eP	22	06.10	0.0
			eS	22	23.60	
CSS	2.51	79	eP	22	18.00	0.2
			eS	22	43.70	

BCK	2.94	4	ePn	22	23.90	-0.1
YER	3.09	328	ePn	22	27.00	0.9
CIN	3.57	330	eP	22	32.00	-0.8
YLV	6.08	353	ePn	23	11.60	3.1X
GKN	46.41	82	P	30	05.20	0.1
DMN	46.95	83	P	30	09.80	0.3
KKN	47.02	82	P	30	09.80	-0.2
PKI	47.21	83	P	30	11.50	-0.2
GUN	47.46	82	P	30	13.50	-0.2

S.D. = 0.5 on 10 of 11 obs.

? OCT 09, 1992 13h 25m 43.37±5.93s
 42.046 N ±41.4km 23.617 E ±18.4km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)
 MD 2.7 (THE).

SRS	0.93	181	ePb	26	00.80	-0.3
			eSb	26	21.92	
KNT	1.03	212	iPbd	26	03.12	0.2
			eSb	26	26.52	
VAY	1.07	228	ePn	26	03.00	-0.5
SOH	1.24	189	ePb	26	06.70	0.3
			eSb	26	32.69	
GRG	1.42	220	ePn	26	09.60	0.3
OUR	1.73	171	iPnc	26	13.60	-0.1

S.D. = 0.4 on 6 of 6 obs.

? OCT 09, 1992 13h 36m 31.28±3.20s
 30.723 S ±20.5km 68.604 W ±23.3km
 DEPTH = 10.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.78	192	ePc	36	46.40	-0.1
CFA	0.94	161	ePd	36	49.60	0.4
			S	36	57.10	
RTCV	1.14	177	ePc	36	55.90	3.3X
			S	37	08.60	
RTBS	1.19	218	ePd	37	04.60	11.2X
			S	37	24.20	
RTPR	1.85	77	ePc	37	03.50	0.2
			S	37	22.80	
MRA	2.99	125	e(P)	37	19.00	-0.6
TCA	3.50	101	e(P)	37	27.00	0.1
			i	38	02.00	

S.D. = 0.5 on 5 of 7 obs.

OCT 09, 1992 13h 54m 04.06±0.88s
 38.254 N ±6.7km 20.588 E ±9.8km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.4 (THE), 3.3 (ATH).

VLS	0.08	179	ePg	54	06.20	-0.3
IGT	1.29	351	ePb	54	28.36	0.4
AGG	1.57	60	ePn	54	33.52	1.5
			eSn	55	01.56	
KEK	1.58	337	ePb	54	33.00	0.8
KZN	2.25	24	ePn	54	42.80	0.9
LIT	2.36	38	ePn	54	44.28	0.8
			eSn	55	20.52	
VLI	2.42	129	ePb	54	49.30	5.1X
FNA	2.60	13	ePn	54	45.80	-1.1
			eSn	55	23.44	
THE	3.00	37	ePn	54	52.68	0.2
GRG	3.04	27	ePn	54	52.72	-0.4
			eSn	55	35.08	
SOH	3.34	39	iPnd	54	57.46	0.1
			eSn	55	41.92	
OUR	3.35	51	ePn	54	57.20	-0.3
KNT	3.41	31	ePn	54	57.80	-0.5
			eSn	55	44.36	
VAY	3.42	26	Pn	54	57.00	-1.5
SRS	3.68	38	ePn	55	01.60	-0.6
			eSn	55	50.72	
BRT	3.70	316	P	55	35.00	32.5X
SKO	3.77	10	iPn	55	17.20	13.7X
S.D. = 0.9 on 14 of 17 obs.						

OCT 09, 1992 14h 42m 20.92± 0.40s						
51.196 N ± 8.2km 177.976 W ± 4.7km						
DEPTH = 33.0km (normol)						
4.6mb (23 obs.)						
ANDREANOF ISLANDS, ALEUTIAN IS. (7)						

ADK	1.06	49	iPc	42	39.20	-0.3
SDN	11.25	62	(P)	45	01.50	-0.8

09d 14h

SVW	15.84	43 eP	46 04.25	1.4
	0.7s	31.50nm		4.6mb
KDC	16.13	56 eP	46 04.42	-2.1X
	0.4s	13.67nm		4.4mb
TTA	16.65	37 eP	46 14.56	1.5
	0.7s	6.83nm		3.9mb
BGL	17.31	45 eP	46 23.28	1.9
CRP	17.42	45 eP	46 23.43	0.6
SPU	17.43	45 eP	46 23.46	0.6
SLKM	18.02	48 eP	46 28.64	-1.5
PMS	18.57	46 eP	46 35.50	-1.4
PMR	18.89	45 eP	46 42.07	1.4
	1.1s	17.82nm		4.2mb
IMA	19.34	30 eP	46 45.23	-1.0
	1.1s	14.14nm		4.1mb
KLU	20.32	47 eP	46 55.96	-0.6
TOA	20.38	45 eP	46 59.20	2.0
FBA	20.78	37 eP	47 00.15	-1.0
	0.8s	6.49nm		4.1mb
BALM	21.89	50 (P)	47 13.57	0.9
MBC	33.59	22 eP	48 59.00	-0.5
YKA	34.98	46 eP	49 03.50	-8.1X
	0.6s	1.80nm		4.2mb
GMW	35.41	74 eP	49 16.09	0.6
RMW	36.04	73 eP	49 21.41	0.5
LON	36.37	74 eP	49 24.14	0.5
VGB	37.60	76 eP	49 34.20	0.3
NEW	38.46	70 eP	49 40.79	-0.4
	0.9s	21.93nm		5.0mb
SES	40.98	64 eP	50 01.00	-0.9
BONR	43.35	84 eP	50 22.62	0.8
PTJ	44.12	74 eP	50 28.91	1.1
HVU	44.50	76 eP	50 30.85	0.0
DUG	45.41	77 (P)	50 38.13	0.0
BW06	45.87	73 ePc	50 41.40	-0.4
	0.9s	12.71nm		4.8mb
DAU	46.23	76 eP	50 45.40	0.6
MSU	46.82	79 eP	50 49.66	0.3
SRU	47.47	77 eP	50 54.66	0.2
RSSD	48.35	68 (P)	51 00.23	-1.1
	0.5s	3.36nm		4.6mb
GOL	50.24	73 eP	51 15.93	0.0
	0.8s	8.53nm		4.8mb
MIAR	60.70	70 eP	52 29.94	-1.2
	0.8s	5.84nm		4.8mb
		e	52 42.04	
ELC	61.33	65 eP	52 33.54	-1.9
GBTN	65.32	63 ePc	53 00.62	-1.1
NB2	67.87	355 P	53 14.40	-3.2X
	0.9s	3.40nm		4.4mb
HFS	68.63	354 eP	53 20.60	-1.6
	0.4s	0.80nm		4.1mb
GUN	72.40	293 P	53 46.24	0.2
KKN	72.84	293 P	53 49.06	0.6
PKI	72.93	293 P	53 49.58	0.5
GKN	73.05	294 P	53 49.80	0.2
DMN	73.08	293 P	53 52.34	2.5
GEC2	79.84	352 P	54 26.70	-0.5
	0.6s	0.67nm		3.8mb
FLN	80.40	2 eP	54 29.60	-0.5
LDF	80.57	1 eP	54 30.50	-0.5
	0.5s	8.55nm		5.0mb
CDF	80.67	356 eP	54 31.30	-0.4
GRR	80.77	2 eP	54 31.80	-0.2
	0.6s	10.75nm		5.0mb
HAU	81.11	357 eP	54 33.50	-0.4
LPF	81.12	2 eP	54 33.90	0.0
SSF	82.12	359 eP	54 39.00	-0.1
	0.9s	5.85nm		4.6mb
LBF	82.19	359 eP	54 39.10	-0.4
WRA	82.24	225 P	54 40.20	0.2
	0.7s	0.10nm		3.0mb X
WRA	82.24	225 P	54 50.50	10.5X
	0.9s	0.20nm		
AVF	82.39	359 eP	54 40.30	-0.2
SMF	82.53	359 eP	54 41.20	-0.1
MFF	82.57	2 eP	54 41.60	0.2
	0.7s	6.40nm		4.8mb
TCF	82.90	360 eP	54 43.10	-0.1
LSF	82.94	0 eP	54 43.30	-0.1
	0.7s	7.30nm		4.9mb
MAF	82.96	360 eP	54 43.20	-0.3
	0.6s	3.00nm		4.6mb
RJF	83.88	0 eP	54 48.00	-0.2
LFF	84.24	1 eP	54 50.20	0.2
	0.8s	16.10nm		5.2mb
LPO	84.50	1 eP	54 51.40	0.1

	0.6s	5.75nm	4.9mb
	S.D. = 0.9	on 60 of 64 obs.	
? OCT 09, 1992 14h 48m 07.07± 2.66s			
35.099 S ±12.6km 178.812 W ±27.8km			
DEPTH = 33.0km (normol)			
3.7mb (2 obs.)			
EAST OF NORTH ISLAND, N.Z. (688)			
HBZ	3.41	222 eP	48 59.10 -0.2
		S	49 37.60
NOZ	4.33	215 eP	49 12.70 0.5
URZ	4.55	225 P	49 14.80 -0.6
		eS	50 04.90
KUZ	4.73	248 P	49 18.10 0.2
WCZ	5.64	259 P	49 30.90 0.1
MNG	7.12	218 eP	49 47.30 -4.3X
		S	51 04.00
WBZ	43.80	277 iPd	56 11.40 -0.2
	0.4s	1.40nm	4.1mb
WRA	43.81	277 P	56 11.80 0.1
	0.6s	0.30nm	3.3mb
	S.D. = 0.4	on 7 of 8 obs.	
& OCT 09, 1992 16h 25m 17.61s			
60.094 N 149.231 W			
DEPTH = 8.5km			
3.9mb (5 obs.)			
KENAI PENINSULA, ALASKA (14)			
<AEIC>. ML 4.1 (AEIC), 4.2			
(PMR). Felt (IV) at Cooper			
Landing, Moose Pass and Seward;			
(III) at Anchorage and Eagle			
River.			
SEW	0.11	275 iPc	25 20.28 0.0
		eS	25 22.50
MPA	0.40	351 iPc	25 25.66 -0.1
		eS	25 32.25
SLKM	0.64	311 iPc	25 29.84 -0.7
		eS	25 39.50
LTJ	0.69	94 eP	25 31.20 -0.2
PTE	0.78	7 iPd	25 32.26 -0.7
		eS	25 43.30
KNIM	0.79	70 iPd	25 31.60 -1.5
		eS	25 42.64
MTU	0.80	97 eP	25 33.62 0.3
		eS	25 44.79
BRLK	0.90	249 eP	25 34.52 -0.4
PMS	1.17	352 P	25 38.50 -1.1
NKA	1.19	304 ePc	25 40.51 0.6
HOM	1.29	251 eP	25 40.27 -1.4
GLI	1.32	52 ePd	25 40.35 -1.8
		eS	25 59.04
KNK	1.38	16 ePd	25 42.41 -0.6
		eS	25 59.02
HIN	1.39	76 iPd	25 42.21 -1.1
		eS	26 00.04
XLV	1.41	244 eP	25 41.60 -2.0
		eS	26 00.94
PLRM	1.50	2 eP	25 44.18 -0.6
PMR	1.50	2 iPd	25 44.69 -0.1
FID	1.52	63 ePd	25 43.34 -1.6
		eS	26 01.53
SUA	1.56	332 ePc	25 44.67 -1.1
PWA	1.59	349 P	25 45.90 -0.2
MID	1.61	113 P	25 44.50 -1.8
VZW	1.64	53 iPd	25 46.07 -0.7
RDT	1.65	288 ePc	25 45.77 -1.2
		eS	26 06.77
GHO	1.69	5 eP	25 47.29 -0.3
SPU	1.77	309 ePd	25 47.22 -1.5
		S	26 12.22
VLZ	1.77	53 iPd	25 48.06 -0.5
		eS	26 09.37
REF	1.77	284 ePc	25 47.79 -1.1
		eS	26 08.95
SML	1.78	14 ePd	25 48.92 0.1
BKG	1.79	305 ePc	25 47.76 -1.2
DFR	1.79	288 ePc	25 47.83 -1.2
CVA	1.79	74 iPd	25 47.38 -1.5
		eS	26 11.54
RSO	1.79	283 ePc	25 48.16 -1.0
		eS	26 11.39
RED	1.80	282 eP	25 48.34 -0.8
		eS	26 11.65
RS1	1.80	283 eP	25 48.29 -0.9

RS2	1.80	283 ePc	25 48.04 -1.2
RDN	1.81	285 eP	25 48.35 -1.0
RDW	1.82	284 ePc	25 48.61 -1.0
CGLM	1.83	313 eP	25 48.38 -1.2
CKT	1.84	308 ePd	25 48.71 -1.0
CKN	1.84	309 eP	25 49.20 -0.6
CRP	1.86	311 eP	25 48.89 -1.2
CKL	1.89	307 eP	25 49.46 -1.0
NCT	1.90	286 eP	25 49.73 -0.9
NCG	1.95	314 eP	25 50.60 -0.7
BGL	1.95	308 eP	25 50.09 -1.2
SCM	1.98	27 iPd	25 52.03 0.3
SGAM	2.04	77 iPd	25 50.93 -1.7
OPT	2.06	259 eP	25 51.82 -1.1
		eS	26 17.78
KLU	2.15	48 iPd	25 54.00 -0.2
		eS	26 20.99
SKT	2.20	330 eP	25 54.41 -0.5
		eS	26 22.50
SYJ	2.20	229 ePd	25 53.52 -1.3
AUE	2.22	252 eP	25 54.52 -0.7
AUL	2.25	253 eP	25 55.60 0.1
AUP	2.25	253 eP	25 54.92 -0.7
AUH	2.26	253 eP	25 55.18 -0.6
AUI	2.26	252 eP	25 55.20 -0.5
		eS	26 23.34
AUW	2.27	253 eP	25 54.98 -0.9
RAGM	2.29	81 ePd	25 54.14 -2.1
KAIM	2.42	92 eP	25 56.33 -1.7
HMT	2.49	82 ePd	25 56.91 -2.2
TOA	2.51	35 iPd	26 00.40 1.1
PDB	2.52	265 eP	25 58.95 -0.4
CDD	2.53	244 eP	25 58.57 -1.1
TZL	2.69	42 eP	26 01.31 -0.6
MCNL	2.75	253 eP	26 01.25 -1.5
KDC	2.90	217 eP	26 01.54 -3.2
HUR	2.90	356 P	26 06.00 1.1
GLB	2.98	61 iPd	26 04.89 -1.2
		eS	26 37.84
SDG	3.02	34 eP	26 05.92 -0.6
CROM	3.09	75 iPd	26 05.75 -2.0
WAX	3.20	81 iPd	26 06.38 -2.7
SNH	3.20	86 eP	26 07.13 -2.0
		eS	26 45.48
TGL	3.24	75 iPd	26 07.69 -2.1
SVW	3.31	291 ePn	26 09.55 -1.2
RND	3.33	3 eP	26 11.19 0.2
CYK	3.38	87 eP	26 09.40 -2.2
		eS	26 48.93
PAX	3.40	30 eP	26 11.80 -0.3
TRF	3.41	352 eP	26 11.93 -0.3
BALM	3.53	71 ePd	26 11.66 -2.2
KTH	3.56	348 eP	26 14.57 0.3
WRG	3.61	88 eP	26 12.60 -2.3
MCK	3.65	2 eP	26 15.16 -0.4
THY	3.72	25 eP	26 15.38 -1.2
YAH	3.74	83 ePc	26 14.91 -2.2
CTGM	4.00	74 ePd	26 18.40 -2.2
DDM	4.03	22 eP	26 21.76 0.8
DJE	4.29	21 eP	26 24.21 -0.3
TTA	4.32	314 eP	26 23.28 -1.8
DOT	4.32	32 eP	26 25.14 0.0
TMW	4.39	40 eP	26 25.46 -0.6
WRH	4.43	6 eP	26 26.64 0.2
HDA	4.46	13 eP	26 27.20 0.3
NEA	4.50	1 P	26 27.70 0.2
CCB	4.62	8 eP	26 28.87 -0.3
FBA	4.87	7 ePd	26 32.20 -0.6
GLM	4.99	9 eP	26 34.08 -0.4
IMA	6.33	343 iPc	26 51.97 -1.5
FYU	6.74	14 eP	26 57.56 -1.6
YKA	16.68	67 eP	29 13.60 0.7
	0.6s	3.10nm	3.6mb
MBC	19.22	21 eP	29 43.50 -0.7
	0.6s	3.00nm	3.7mb
NEW	21.96	108 (P)	30 11.60 -1.6
	1.0s	7.50nm	4.1mb
BW06	29.59	108 eP	31 24.00 -1.1
	1.1s	2.18nm	3.9mb
MSU	31.75	116 (P)	31 42.99 -1.2
ALO	37.29	113 (P)	32 28.36 -3.3
	0.9s	4.94nm	4.3mb
104 obs. associated			
& OCT 09, 1992 17h 29m 32.75s			
35.095 N 116.518 W			
DEPTH = 0.2km			

CENTRAL CALIFORNIA (39)
<PAS-P>. ML 2.9 (PAS).

GSC	0.31	311	iPd	29	39.11	0.1
			eS	29	42.92	
SSK	1.31	228	ePn	29	56.45	-1.6
			eS	30	15.31	
PEC	1.31	204	ePn	29	56.28	-1.7
ISA	1.70	290	ePn	30	00.73	-3.1
PLM	1.76	189	ePn	30	02.62	-2.2
			ePg	30	05.38	
TPNV	1.86	7	ePn	30	04.55	-1.8
ABL	2.23	265	(Pn)	30	13.04	1.3
GLA	2.47	145	ePn	30	10.61	-4.4
BONR	3.20	334	ePn	30	23.03	-2.4
			ePg	30	32.33	
ARUT	3.66	42	(Pn)	30	27.14	-4.8
			ePg	30	38.73	
MSU	4.88	44	ePg	31	01.03	11.7
				11	obs. associated	

? OCT 09, 1992 17h 34m 59.22±1.94s
48.202 N ±18.7km 155.218 E ±30.5km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)

KURIL ISLANDS (221)

MAT	17.09	233	(P)	38	57.00	-0.1
YAK	19.92	323	iPc	39	30.50	0.0
			0.8s	26.00nm	4.6mb	
GUN	56.29	275	P	44	39.00	-0.3
KKN	56.77	276	P	44	42.80	0.2
PKI	56.83	276	P	44	43.80	0.6
DMN	57.00	276	P	44	44.70	0.4
GKN	57.06	276	P	44	44.00	-0.6
NB2	67.30	342	P	45	52.40	0.0
			0.6s	2.80nm	4.5mb	
HFS	67.58	340	eP	45	53.60	-0.5
			0.4s	4.50nm	4.9mb	
GEC2	77.76	335	P	46	54.70	0.4
			0.5s	1.27nm	4.2mb	

S.D. = 0.5 on 10 of 10 obs.

OCT 09, 1992 17h 49m 09.28±0.73s
6.379 S ±8.4km 147.728 E ±7.5km
DEPTH = 54.7 ±9.4 km
4.3mb (5 obs.)

EASTERN NEW GUINEA REG., P.N.G. (207)

FINC	0.27	152	iPc	49	18.30	-0.3
YYYY	1.75	274	eP	49	38.40	0.5
			eS	50	02.00	
PMG	3.06	191	iPd	49	56.50	0.2
			eS	50	38.00	
MNDI	4.05	273	eP	50	10.00	-0.5
			eS	50	43.90	
RAB	4.92	64	eP	50	22.00	-0.6
			iS	51	38.00	
WWKK	4.92	304	eP	50	23.70	1.1
CTA	13.70	186	iP	52	24.00	1.4
			iP	52	46.30	
			e(S)	55	09.00	
OIS	16.15	208	eP	52	54.00	-0.2
			0.2s	3.00nm	4.1mb	
WB2	18.72	223	iPc	53	24.30	-1.9
			0.3s	6.20nm	4.3mb	
RMO	20.02	177	iPc	53	44.00	3.6X
			0.4s	12.00nm	4.6mb	
			i	54	40.10	
OLP	20.37	189	eP	53	44.00	0.0
BRS	21.44	168	iPc	53	54.50	-0.4
			1.0s	10.00nm	4.1mb	
ARMA	24.19	172	eP	54	23.10	1.1
			0.4s	6.00nm	4.5mb	
CMS	25.04	184	eP	54	30.60	0.7
WARB	28.15	223	eP	54	57.50	-1.1
GUN	68.68	303	P	00	00.00	-9.9X
ZOBO	137.97	123	ePKP	08	29.00	-2.5X
SIV	143.85	128	(PKP)	08	39.00	-2.1X

S.D. = 1.0 on 14 of 18 obs.

OCT 09, 1992 18h 24m 13.25±0.48s
15.362 N ±6.7km 146.917 E ±9.5km
DEPTH = 33.1km (2 depth phases)
4.7mb (14 obs.) 4.3MsZ (4 obs.)

MARIANA ISLANDS (216)

PJG	2.66	229	Pn	24	54.20	-0.5
GUA	2.66	227	eP	24	55.20	0.5
			eS	25	27.80	
MAT	22.48	341	(P)	29	09.00	-2.1
MTN	32.09	210	eP	30	39.00	-0.6
BJI	36.36	319	eP	31	17.00	0.8
			1.0s	9.00nm	4.6mb	
Z	16s	0.29um			4.1MsZ	
WB2	37.20	200	iPd	31	23.50	0.1
			0.7s	3.10nm	4.3mb	
TIY	37.72	313	eP	31	29.50	1.8
Z	18s	0.59um			4.4MsZ	
XAN	38.92	306	eP	31	38.10	0.2
GYA	39.04	293	iPd	31	40.60	1.6
			0.8s	9.40nm	4.6mb	
Z	30s	0.39um			4.1MsZ	
BTO	40.70	315	P	31	53.00	0.5
ASPA	40.82	198	eP	31	54.60	1.0
			0.5s	3.90nm	4.4mb	
Z	22s	0.20um			3.9MsZ	
CD2	42.32	299	Pd	32	06.10	0.2
BRS	42.88	172	iPc	32	21.20	10.9X
LZH	43.51	307	eP	32	17.00	1.3
			1.5s	24.00nm	4.7mb	
Z	20s	0.25um			4.1MsZ	
			pP	32	27.50	36km
MBL	44.99	217	eP	32	27.00	-0.5
NST	45.01	277	eP	32	29.50	1.8
WARB	45.76	206	eP	32	34.00	0.4
CHG	45.88	281	eP	32	34.80	0.1
BDT	45.94	279	eP	32	35.00	-0.1
			0.8s	26.00nm	5.2mb	
GTA	47.53	310	P	32	47.50	-0.1
			1.0s	11.00nm	4.8mb	
Z	20s	0.46um			4.4MsZ	
			pP	32	56.50	30km
NANU	48.64	220	eP	32	56.30	0.2
LSA	52.99	296	Pc	33	30.20	0.4
MRWA	53.44	214	iPd	33	21.90	-10.6X
BAL	54.17	212	iPd	33	27.20	-10.5X
MUN	55.52	212	eP	33	47.00	-0.6
WMO	57.39	312	eP	34	01.20	0.2
GUN	57.59	293	P	34	02.20	-0.8
			0.6s	66.00nm	5.8mb	
PKI	58.01	293	P	34	04.68	-1.3
			0.5s	32.00nm	5.6mb	
KKN	58.12	293	P	34	05.42	-1.1
			0.7s	48.00nm	5.7mb	
DMN	58.28	293	P	34	06.80	-0.9
			0.5s	62.00nm	5.9mb	
GKN	58.68	294	P	34	09.48	-0.9
			0.4s	58.00nm	6.0mb	
HYB	65.30	282	eP	34	54.00	-0.7
GBA	67.03	278	P	35	07.00	1.3
MBC	76.08	14	ePd	36	00.50	1.7
			0.9s	4.00nm	4.4mb	
YKA	80.38	28	eP	36	22.50	-0.1
			0.4s	1.00nm	4.2mb	
KEV	85.45	342	eP	36	49.00	0.5
SES	85.79	39	eP	36	53.00	2.4
KAF	89.92	336	iP	37	08.80	-1.4
			0.6s	3.50nm	4.8mb	
NUR	91.49	335	eP	37	14.10	-3.4X
NB2	96.09	340	P	37	36.50	-2.2
			0.8s	2.30nm	4.7mb	
KIC	144.58	305	PKP	43	47.48	-1.6
TIC	144.63	306	PKP	43	47.60	-1.5
LIC	144.89	306	PKPc	43	48.58	-1.0
			0.6s	16.50nm		
ZOBO	146.29	96	PKP	43	53.00	0.4
			LR	56	14.00	
LPB	146.34	97	ePKP	43	54.00	1.6
CNCB	146.46	97	PKP	43	52.00	-0.8
SIV	153.05	95	ePKP	44	12.00	9.8X

S.D. = 1.1 on 42 of 47 obs.

& OCT 09, 1992 18h 29m 19.28s

59.507 N 152.957 W

DEPTH = 104.8km

SOUTHERN ALASKA (2)

OPT	0.20	317	iP	29	33.61	0.9
			eS	29	44.00	
AUE	0.26	235	eP	29	34.43	1.6
AUL	0.27	243	eP	29	34.06	1.1
AUP	0.28	239	eP	29	34.39	1.3

AUH	0.29	240	eP	29	34.80	1.7
AUI	0.30	235	eP	29	34.50	-0.1
			eS	29	44.79	
AUW	0.30	243	eP	29	33.99	-0.6
IVS	0.51	353	eP	29	34.91	-1.3
XLV	0.63	94	eP	29	35.87	-0.9
CDD	0.68	212	iP	29	36.30	-0.9
			eS	29	50.05	
HOM	0.69	77	eP	29	36.56	-0.7
			eS	29	49.89	
PDB	0.69	295	iP	29	36.39	-0.9
MCNL	0.78	246	iP	29	37.26	-0.8
RED	0.92	6	eP	29	38.79	-0.8
SYI	0.95	162	eP	29	38.66	-1.1
			eS	29	53.50	
RS1	0.96	6	eP	29	39.00	-1.2
RS2	0.96	6	eP	29	39.08	-1.1
RSD	0.96	6	eP	29	39.21	-1.0
RDW	0.98	4	eP	29	39.71	-0.7
REF	0.99	7	eP	29	39.31	-1.2
			eS	29	55.57	
DFR	1.10	7	iP	29	40.50	-1.0
			eS	29	56.93	
BKG	1.61	12	eP	29	46.44	-1.1
SLKM	1.70	53	iP	29	47.30	-1.4
CKL	1.72	10	eP	29	48.01	-1.1
SPU	1.74	15	iP	29	48.28	-1.0
CKT	1.74	12	eP	29	48.51	-0.8
CKN	1.77	12	eP	29	49.06	-0.5
BGL	1.78	9	eP	29	49.38	-0.5
CGLM	1.87	14	eP	29	49.95	-1.0
SEW	1.87	70	eP	29	49.46	-1.4
NCG	1.94	11	eP	29	51.02	-0.9
MPA	2.06	60	eP	29	51.90	-1.4
SUA	2.25	28	eP	29	55.09	-0.8
PTE	2.39	54	eP	29	55.93	-1.7
PMS	2.43	43	eP	29	56.87	-1.3
MTU	2.73	78	eP	30	00.40	-1.8
KNIM	2.76	70	iP	30	00.32	-2.3
KNK	2.94	47	eP	30	02.62	-2.4
GHO	3.02	39	eP	30	04.49	-1.7
GLI	3.24	62	eP	30	06.60	-2.5
SML	3.24	43	eP	30	06.96	-2.3
HIN	3.37	72	eP	30	08.42	-2.5
FID	3.47	66	eP	30	08.65	-3.7
SCM	3.62	47	eP	30	12.51	-1.9
VLZ	3.68	61	eP	30	13.31	-1.7
KLU	4.01	57	eP	30	17.30	-2.4

46 obs. associated

? OCT 09, 1992 19h 26m 17.42±3.67s
42.764 N ±25.8km 1.558 E ±18.6km
DEPTH = 10.0km (geophysicist)

PYRENEES (378)

ML 2.7 (LDG).

GRBF	0.08	349	Pg	26	18.82	-1.1
SALF	0.27	269	Pg	26	22.59	-0.6
LESF	0.33	323	Pg	26	23.40	-1.0

09d 20h

PEL	0.31	255	iPd	59	01.37	0.1
			iS	59	12.67	
JACH	0.44	329	iP+	59	02.20	0.2
			iS	59	14.64	
SAN	0.48	216	iPd	59	02.42	0.2
			iS	59	14.75	
PCH	0.58	196	iPd	59	03.51	0.5
			iS	59	16.55	
ROCH	0.58	279	iP+	59	02.89	-0.4
			iS	59	15.16	
TACH	0.78	221	iPd	59	04.70	-0.1
			iS	59	18.74	
CHCH	0.91	197	iPd	59	06.13	0.0
CACH	1.08	192	iP	59	08.84	0.8
			iS	59	26.06	
IHA	1.11	271	eP	59	08.00	-0.2
			iS	59	25.80	
LCCH	1.12	248	iP	59	08.24	-0.1
			iS	59	24.12	
LNK	1.27	225	eP	59	09.12	-1.0
			iS	59	27.26	
RTBS	1.58	28	iPc	59	15.00	1.7
RTCV	1.93	52	iPd	59	19.00	0.5
			(S)	59	43.50	
RTCB	2.03	40	ePd	59	21.50	1.6
			S	59	47.40	
ZON	2.06	43	eP	59	20.20	0.0
			eS	59	46.20	
CFA	2.28	51	ePc	59	23.60	0.4
RFA	2.30	138	ePd	59	23.70	0.2
			S	59	52.40	
RTLL	2.33	43	iPd	59	24.40	0.5
TLL	2.91	352	iP	59	31.00	-0.9
			iS	00	04.00	
MRA	3.94	82	ePc	59	45.70	0.0
RTPR	4.26	51	ePd	59	48.10	-2.0
TCA	5.15	72	iP	00	00.20	-2.4
			(S)	00	56.00	

S.D. = 1.0 on 23 of 23 obs.

OCT 09, 1992 21h 37m 18.07±0.52s
 18.508 N ± 5.3km 63.439 W ± 3.9km
 DEPTH = 64.9 ± 6.0 km
 4.5mb (10 obs.)

LEEWARD ISLANDS (92)
 MD 4.7 (TRN). Felt (IV) on St.
 Martin and St. Bortholemy.

SKI	1.34	150	eP	37	41.39	0.2
NEV	1.60	149	eP	37	46.16	1.5
			eS	38	00.00	
CPB	1.76	119	eP	37	46.08	-0.8
			eS	38	03.00	
BPA	2.09	134	eP	37	49.89	-1.7
			eS	38	11.50	
MGH	2.13	147	eP	37	51.83	-0.2
LPR	2.32	265	P	37	54.30	-0.4
CPD	2.40	259	P	37	57.00	1.2
SJG	2.61	262	iP	37	59.10	0.4
SEG	2.79	138	eP	38	00.15	-1.1
CLLP	3.01	262	P	38	04.80	0.4
PORP	3.07	262	P	38	06.00	0.7
APR	3.12	269	P	38	05.20	-0.8
DEG	3.15	133	eP	38	04.87	-1.5
			eS	38	43.12	
LRS	3.24	267	P	38	07.10	-0.6
MGG	3.28	141	ePc	38	07.47	-0.7
MDN	3.73	148	eP	38	14.48	0.1
DPMT	3.78	148	eP	38	15.58	0.4
DSVT	3.81	148	eP	38	16.62	1.0
SVV	5.59	157	eP	38	41.82	1.2
SVB	5.61	158	eP	38	43.04	2.0
GRW	6.54	165	eP	38	55.17	1.2
TRN	8.06	166	eP	39	18.16	3.3X
TBH	8.30	164	eP	39	20.60	2.4
TPP	8.37	166	eP	39	22.50	3.4X
GUAN	8.77	194	eP	39	22.50	-2.3
			eS	40	57.70	
MORO	8.94	213	eP	39	25.10	-2.0
			eS	40	58.90	
TOV	10.63	216	eP	39	55.70	5.5X
SDV	11.84	217	eP	40	05.50	-1.1
NNA	33.06	205	eP	43	49.50	-0.3
	0.6s	6.67nm			4.7mb	
TUL	33.39	308	eP	43	52.50	0.1
	0.8s	35.10nm			5.3mb	
Z	20s	0.12um			3.6Msz	

SIV	34.36	176	P	44	00.40	-0.6
ZOBO	34.88	188	P	44	05.20	-0.9
Z	24s	0.13um			3.6MszX	
			LR	56	08.00	
LPB	35.12	188	eP	44	05.00	-2.9X
CNCB	35.38	188	P	44	10.00	-0.3
CCH	35.76	184	(P)	44	10.00	-3.2X
BAO	37.18	155	e(P)	44	25.00	0.1
			e	44	35.50	
			e	44	51.00	
BDF	37.24	155	e(P)	44	26.00	0.5
			e	44	31.90	
			e	44	36.30	
			e	44	37.50	
PDCR	39.07	140	(P)	44	48.00	7.3X
PPD	42.00	163	(P)	45	06.00	1.3
LRM	48.64	315	eP	45	58.50	0.8
SES	49.31	321	eP	46	03.00	0.5
KIC	58.35	94	P	47	08.60	-0.7
EPF	58.54	50	eP	47	10.60	0.3
	0.5s	3.20nm			4.7mb	
LPO	59.26	49	eP	47	15.50	0.3
TCF	60.09	47	eP	47	20.50	-0.4
BGF	60.55	47	eP	47	23.70	-0.3
AVF	60.91	46	eP	47	25.80	-0.6
SMF	61.24	46	eP	47	28.20	-0.5
LOR	61.29	46	eP	47	28.20	-0.8
	0.4s	2.25nm			4.7mb	
LPL	63.21	48	eP	47	42.40	0.3
	0.6s	3.80nm			4.6mb	
LPG	63.23	48	eP	47	42.60	0.3
	0.6s	3.95nm			4.6mb	
BSF	63.30	45	eP	47	42.50	0.0
	0.5s	1.80nm			4.4mb	
MBC	64.30	347	eP	47	49.00	0.5
	1.0s	3.00nm			4.2mb	
HFS	67.73	32	eP	48	11.90	1.3
	0.5s	1.50nm			4.2mb	
GEC2	67.89	44	ePd	48	11.20	-0.7
	0.6s	1.01nm			4.0mb	

S.D. = 1.0 on 49 of 55 obs.

% OCT 09, 1992 22h 51m 26.41±0.59s
 40.697 N ± 5.2km 27.432 E ± 5.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

MFT	0.15	308	iPg	51	29.50	-0.4
			eSg	51	32.00	
EDC	0.48	137	iPg	51	36.50	0.3
			eSg	51	44.00	
BNT	0.50	132	iPg	51	36.50	-0.1
			iSg	51	44.50	
KCT	0.84	122	iPg	51	42.50	-0.1
			iSg	51	54.50	
CTT	0.88	59	iPg	51	43.00	-0.3
			eSg	51	56.00	
DMK	1.15	12	ePg	51	48.50	0.6
			eSg	52	04.00	
EZN	1.21	225	ePn	51	49.10	0.1
YLV	1.48	94	ePn	51	53.00	-0.2

S.D. = 0.4 on 8 of 8 obs.

? OCT 09, 1992 23h 10m 01.76±1.15s
 8.221 S ±11.9km 76.216 W ±21.8km
 DEPTH = 100.0km (geophysicist)
 4.5mb (1 obs.)

ARE	9.40	151	eP	12	23.00	6.6X
ZOBO	11.25	136	P	12	42.00	0.5
Z	20s	0.88um				
			LR	37	44.00	
LPB	11.45	137	eP	12	51.00	7.1X
Z	18s	1.72um				
			LR	39	22.00	
CNCB	11.72	138	P	12	48.50	0.8
SIV	16.69	119	P	13	50.60	-0.4
SDV	17.88	18	eP	14	06.50	0.7
TOV	19.00	20	ePc	14	18.00	-0.5
LMN	54.79	10	eP	19	25.00	1.6
KIC	72.73	81	P	21	19.60	-1.8
MBC	88.00	351	ePc	22	40.50	-0.8
	0.6s	3.00nm			4.5mb	
WRA	138.91	227	PKP	29	19.00	-0.1
	0.6s	0.20nm				

S.D. = 1.2 on 9 of 11 obs.

* OCT 09, 1992 23h 19m 25.82±0.70s
 1.356 N ± 7.8km 129.540 E ±15.1km
 DEPTH = 22.5km (2 depth phases)
 4.7mb (7 obs.) 4.3Msz (3 obs.)
 HALMAHERA, INDONESIA (267)

AAI	5.19	195	eP	20	43.50	-0.6
MKS	11.99	237	iPd	22	19.50	1.0
WB2	21.69	168	iPc	24	19.00	1.7
	0.7s	7.40nm			4.2mb	
ASPA	25.23	171	eP	24	56.80	5.0X
	1.2s	49.30nm			5.0mb	
Z	21s	0.40um			3.9Msz	
CTA	26.88	143	eP	25	12.00	4.8X
	1.1s	12.66nm			4.5mb	
			eS	29	45.00	
WARB	27.52	186	eP	25	12.00	-0.9
CHG	34.65	302	eP	26	17.80	1.9
BRS	36.29	144	iP	26	29.00	-0.8
XAN	37.81	332	eP	26	45.80	3.4X
			sP	27	01.50	
ARMA	37.97	148	eP	26	51.00	7.1X
	1.0s	36.00nm			5.1mb	
TIY	39.46	338	eP	26	57.10	0.8
Z	20s	0.48um			4.3Msz	
BJI	40.38	344	eP	27	03.50	-0.2
SNY	40.65	353	eP	27	07.80	1.9
LZH	41.97	328	eP	27	17.00	-0.1
	2.0s	30.00nm			4.7mb	
Z	25s	0.38um			4.2MszX	
			pP	27	22.00	17km
			sP	27	27.50	
LSA	46.10	311	eP	27	50.00	-0.9
GTA	46.57	328	eP	27	53.00	-1.0
	1.0s	5.00nm			4.5mb	
Z	18s	0.57um			4.6Msz	
			pP	28	01.50	28km
GUN	49.38	306	P	28	16.60	0.2
PKI	49.62	306	P	28	16.60	-1.7
HYB	52.57	291	eP	28	40.00	-0.4
WMQ	56.27	325	eP	29	06.00	-1.1
	1.0s	16.00nm			5.0mb	

S.D. = 1.2 on 16 of 20 obs.

OCT 09, 1992 23h 19m 29.82±0.41s
 11.971 N ± 7.2km 87.959 W ± 6.8km
 DEPTH = 19.6km (3 depth phases)
 4.8mb (15 obs.) 4.5Msz (16 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX	5.10	305	iP	20	48.30	1.2
SDV	17.31	99	eP	23	31.70	-0.6
TOV	17.97	95	eP	23	41.70	1.3
CAR	20.68	92	iPc	24	12.00	0.5
PRM	22.60	12	eP	24	31.11	0.6
UYO	22.88	346	iPc	24	34.10	0.8
JSC	23.03	14	ePc	24	35.87	1.1
MIAR	23.05	348	iPc	24	35.89	1.0
	0.7s	149.85nm			5.6mb	
Z	20s	0.98um			4.3Msz	
OLY	23.64	353	ePc	24	40.63	-0.1
GBTN	23.83	8	eP	24	43.18	0.6
FNO	24.71	341	iPc	24	51.50	0.4
CEH	25.13	17	eP	24	54.87	-0.2
	0.8s	55.13nm			5.3mb	
Z	20s	1.15um			4.4Msz	
ELC	25.23	358	eP	24	54.57	-1.4
FVM	26.00	356	P	25	10.00	6.8X
Z	18s	1.35um			4.5Msz	
SLM	26.63	356	P	25	20.00	11.0X
Z	19s	0.60um			4.2Msz	
CBN	27.78	18	eP	25	20.20	0.7
	0.8s	21.20nm			4.9mb	
ALQ	28.37	327	eP	25	24.87	-0.3
	1.2s	22.66nm			4.8mb	
Z	19s	0.56um			4.2Msz	
MCWV	28.50	13	P	25	40.00	14.0X
Z	18s	2.25um			4.8Msz	
TUC	29.15	318	eP	25	33.32	1.3
	1.0s	12.93nm			4.6mb	
JFWS	30.89	357	eP	25	45.37	-1.9
	0.5s	11.51nm			5.0mb	
Z	22s	1.08um			4.5Msz	
GOL	31.63	334	eP	25	53.41	-0.7
	1.1s	33.34nm			5.2mb	

Z	22s	0.91um	4.4Msz	
GLA	32.33	315 eP	26 00.83	0.7
HRV	33.60	22 P	26 20.00	9.0X
Z	21s	2.61um	4.9Msz	
SRU	33.64	327 eP	26 10.75	-0.9
PLM	33.92	314 (P)	26 14.29	0.2
MSU	34.12	325 eP	26 16.29	0.5
ZOBO	34.25	145 P	26 17.70	0.2
EMUT	34.31	328 eP	26 17.05	-0.4
ARUT	34.35	323 eP	26 18.83	1.1
RSNY	34.45	17 eP	26 17.08	-1.2
	1.0s	41.68nm	5.3mb	
Z	21s	1.52um	4.7Msz	
LPB	34.46	145 eP	26 25.00	5.9X
CNCB	34.75	145 P	26 22.00	0.2
RSSD	34.90	340 ePc	26 22.72	0.3
	0.7s	12.80nm	4.9mb	
Z	19s	1.09um	4.6Msz	
		e	26 30.96	28km
GSC	34.95	316 eP	26 23.79	1.0
EEO	35.36	11 ePd	26 27.60	1.5
DUG	35.65	326 eP	26 28.74	0.0
	0.9s	3.54nm	4.3mb	
BW06	35.97	333 eP	26 30.00	-1.5
	0.9s	10.31nm	4.7mb	
		ePcP	28 58.00	
CCH	36.26	143 eP	26 35.00	0.7
ISA	36.28	316 P	26 40.00	5.9X
Z	18s	1.51um	4.8Msz	
HVU	36.77	328 eP	26 38.07	-0.1
PTI	37.37	330 (P)	26 44.23	1.0
BONR	37.46	319 eP	26 44.12	-0.1
SIV	38.46	136 P	26 52.60	0.1
ULM	38.72	352 ePc	26 54.00	-0.2
CMB	38.86	318 P	27 10.00	14.3X
Z	20s	0.70um	4.5Msz	
LMN	39.08	26 ePd	26 59.50	2.1
LRM	39.64	333 eP	27 02.50	0.2
		e	29 10.40	
ORV	40.42	319 (P)	27 07.96	-0.6
WDC	41.65	319 P	27 30.00	11.4X
Z	21s	0.95um	4.6Msz	
LBFM	41.68	321 (P)	27 19.92	0.9
		ePcP	29 17.47	
SES	42.74	338 ePc	27 26.70	-0.7
JAQ	42.85	11 eP	27 26.00	-2.2
NEW	43.59	332 eP	27 33.50	-0.9
	1.0s	13.00nm	4.7mb	
		ePcP	29 21.60	
LON	44.89	327 eP	27 44.73	-0.2
		ePcP	29 27.51	
RMW	45.34	328 (P)	27 49.34	0.8
GMW	45.91	327 eP	27 51.93	-1.0
		ePcP	29 31.52	
MCW	46.65	329 eP	27 58.06	-0.8
		iPcP	29 34.18	
FCC	46.93	356 eP	28 02.50	1.8
BAO	48.14	124 e(P)	28 10.00	-1.0
		e	28 14.60	15km
		e	28 29.30	
		e	28 33.00	
		e	28 42.00	
		e	28 52.30	
		e	29 39.00	
		e	29 47.80	
		e	30 15.00	
BDF	48.22	124 Pd	28 11.00	-0.7
		e	28 15.60	15km
		e	28 19.50	
YKA	53.94	345 eP	28 51.20	-2.9
	1.0s	10.20nm	4.8mb	
MBC	66.42	352 eP	30 17.50	-1.9
	1.0s	4.00nm	4.5mb	
HON	67.30	288 P	30 40.00	14.1X
Z	20s	0.24um	4.4Msz	
GRF	86.83	40 eP	32 20.10	5.8X
Z	20s	0.50um	4.9Msz	
		e	42 25.00	
GEC2	88.62	40 P	32 19.50	-3.5X
	1.1s	1.69nm	4.3mb	
HYB	147.90	25 ePKPd	39 13.00	-0.1
CHG	148.66	347 ePKPc	39 18.60	4.3X
	1.2s	34.38nm		
LOE	149.28	342 ePKP	39 20.00	4.8X
NST	151.39	344 ePKP	39 27.00	8.6X
S.D. = 1.1 on 55 of 69 obs.				

* OCT 09, 1992 23h 45m 18.34 ± 2.53s				
3.094 S ± 11.8km 129.822 E ± 15.6km				
DEPTH = 58.3 ± 23.8 km				
4.8mb (6 obs.) 4.3Msz (3 obs.)				
SERAM, INDONESIA (272)				
AAI	1.73	250 ePd	45 47.60	1.1
		eS	46 39.00	
MTN	9.78	172 eP	47 38.00	-0.9
	0.4s	75.00nm	6.1mb	X
		eS	49 29.00	
KNA	12.62	185 eP	48 17.00	-0.2
WB2	17.32	166 eP	49 16.20	-1.6
	0.2s	6.60nm	4.5mb	
QIS	19.80	152 iPd	49 47.00	0.1
	0.3s	24.00nm	5.0mb	
MBL	20.42	208 eP	49 52.00	-1.3
ASPA	20.83	169 iPc	49 57.80	0.3
	0.7s	170.00nm	5.5mb	
Z	20s	0.60um	4.0Msz	
		eS	53 47.60	
WARB	23.16	187 eP	50 21.00	0.4
CTA	23.29	138 iPc	50 24.00	2.1
		iP	50 53.00	144kmX
STK	30.70	160 iPc	51 30.90	1.0
	0.3s	7.20nm	4.9mb	
CHG	37.38	307 eP	52 29.20	1.7
TIY	43.69	340 eP	53 17.30	-2.0
Z	20s	0.73um	4.6Msz	
BJI	44.71	345 eP	53 27.00	-0.5
LZH	45.92	330 eP	53 38.00	0.7
	1.5s	14.00nm	4.7mb	
Z	20s	0.35um	4.3Msz	
GTA	50.51	330 eP	54 13.00	0.2
	0.8s	7.00nm	4.7mb	
Z	24s	0.60um	4.5MszX	
GUN	52.31	309 P	54 26.64	-0.4
PKI	52.52	308 P	54 27.86	-0.7
KKN	52.72	309 P	54 29.96	0.1
DMN	52.77	308 P	54 30.50	0.2
GKN	53.32	309 P	54 34.00	-0.2
CNCB	153.54	139 PKP	05 18.00	12.5X
LPB	153.66	138 (PKP)	05 22.00	16.5X
ZOBO	153.81	138 PKP	05 18.00	12.0X
S.D. = 1.1 on 20 of 23 obs.				
* OCT 10, 1992 00h 34m 47.30 ± 0.71s				
1.240 N ± 11.3km 129.093 E ± 11.2km				
DEPTH = 33.0km (normal)				
4.8mb (8 obs.)				
HALMAHERA, INDONESIA (267)				
TNE	1.81	256 iP	35 15.50	-1.2
MNI	4.26	273 ePc	35 52.50	1.0
CGP	8.40	329 eP	37 02.00	12.3X
	0.8s	15.00nm		
QIS	23.99	155 eP	40 05.00	5.0X
	0.6s	9.00nm	4.5mb	
CTA	27.06	142 iPc	40 30.20	1.3
	1.0s	8.75nm	4.3mb	
		e	40 34.00	
WARB	27.37	185 eP	40 34.00	2.4X
BRS	36.46	143 iPd	41 50.00	-1.3
		iP	41 56.00	20kmX
XAN	37.70	332 eP	42 00.20	-1.4
		pP	42 10.50	36kmX
		sP	42 16.10	
CD2	38.03	323 eP	42 01.20	-3.3X
ARMA	38.11	148 iPd	42 11.20	6.0X
	1.0s	53.00nm	5.3mb	
TIY	39.40	339 eP	42 15.40	-0.5
BJI	40.37	345 eP	42 22.00	-1.7
	1.2s	33.00nm	5.0mb	
SNY	40.71	354 P	42 27.80	1.3
	1.2s	16.00nm	4.6mb	
LZH	41.84	329 eP	42 36.50	0.5
	1.4s	39.00nm	4.9mb	
LSA	45.85	312 eP	43 10.60	1.7
GTA	46.43	328 eP	43 12.00	-1.0
	1.2s	12.00nm	4.7mb	
		pP	43 17.50	18kmX
		sP	43 21.50	
HYB	52.19	291 eP	44 02.50	4.9X
WMQ	56.10	325 eP	44 26.20	0.3
YAK	60.63	0 eP	44 57.30	0.3
	1.2s	35.00nm	5.4mb	
KSH	61.43	315 eP	45 03.70	0.6

S.D. = 1.3 on 14 of 20 obs.					
* OCT 10, 1992 00h 50m 08.07± 1.89s					
35.875 N ± 8.4km 10.470 W ± 18.9km					
DEPTH = 33.0km (normal)					
NORTH ATLANTIC OCEAN (402)					
MD 3.5 (RBA). mbLg 3.0 (MDD).					
EVAL	3.44	59	eP	51 02.90	2.2
			eS	51 37.00	
AVE	3.60	135	iPn	51 04.00	1.1
			iSn	51 42.00	
EJIF	4.09	80	ePn	51 08.70	-1.1
			eSn	51 50.00	
EPRU	4.36	74	ePn	51 14.00	0.2
			eSn	51 57.00	
IFR	4.99	117	iPnc	51 22.00	-0.8
			i	52 07.00	
			i	52 10.00	
			iSn	52 14.00	
ELUQ	5.26	70	eP	51 25.70	-0.8
			eS	52 22.00	
EPLA	5.43	38	ePn	51 28.00	-0.9
			eSn	52 24.30	
TIO	5.62	151	i(Pn)	51 32.00	0.4
			i(Sn)	52 20.00	
EGUA	5.65	78	eP	51 32.00	0.0
			eS	52 31.20	
ECOG	5.73	74	ePn	51 33.00	-0.2
			eSn	52 30.00	
GUD	6.88	44	eP	51 49.70	0.4
ANTZ	7.40	176	iPnc	51 56.00	-0.5
			i	53 04.50	
			i	53 07.50	
			i	53 08.50	
			i	53 10.00	
			iSn	53 11.00	
S.D. = 1.0 on 12 of 12 obs.					
* OCT 10, 1992 00h 53m 11.60± 1.94s					
10.765 N ± 10.8km 59.762 W ± 14.9km					
DEPTH = 11.5 ± 4.4 km					
4.6mb (1 obs.)					
NORTH ATLANTIC OCEAN (402)					
MD 4.1 (TRN).					
BOT	1.02	293	eP	53 30.96	0.2
			eS	53 42.74	
TPR	1.08	293	eP	53 31.75	0.0
			eS	53 43.97	
PIG	1.13	290	eP	53 32.67	0.1
TBH	1.31	258	eP	53 36.28	0.5
			eS	53 54.08	
TRN	1.62	266	eP	53 38.93	-1.1
			eS	53 58.60	
TPP	1.72	255	eP	53 42.41	0.9
			eS	54 03.61	
TCE	1.96	268	eP	53 47.93	2.9X
GRW	2.32	307	eP	53 49.25	-1.1
			eS	54 15.46	
SVB	2.89	330	eP	53 58.14	-0.2
			eS	54 31.22	
SVV	2.91	331	eP	53 58.83	0.2
			eS	54 31.98	
MVM	3.93	344	ePd	54 13.29	0.2
CRM	4.12	344	ePc	54 16.06	0.3
FDF	4.17	341	eP	54 17.17	0.6
GUAN	5.85	263	P	54 35.60	-4.8X
			eS	55 36.80	
TLL	42.06	194	iPd	01 24.00	18.7X
YKA	64.72	335	eP	03 51.10	-0.6
	0.4s	1.70nm		4.6mb	
S.D. = 0.7 on 13 of 16 obs.					
OCT 10, 1992 01h 00m 20.15± 0.20s					
26.013 S ± 3.3km 70.730 W ± 6.0km					
DEPTH = 33.6km (35 depth phases)					
5.2mb (23 obs.) 4.3Msz (8 obs.)					
NEAR COAST OF NORTHERN CHILE (122)					
ANT	2.32	7	iP+	00 57.00	0.3
			iS	01 22.00	
SLA	4.91	76	iPc	01 39.80	6.1X
ZON	5.80	162	eP	01 48.20	2.0
YJA	6.12	52	ePd	01 54.50	3.4X
JACH	6.65	179	iP+	01 58.03	-0.1
ROCH	6.94	182	eP	02 00.65	-1.7

10d 01h

IHA	7.03	186	eP	02 03.50	0.1	TUL	65.98	338	eP	11 08.91	32km	ARN	79.06	321	eP	12 32.92	34km	
			e(S)	03 28.70			1.2s	53.50nm		11 03.80	-1.5				eP	12 23.68	1.0	
PEL	7.11	180	iPd	02 03.83	-0.7				e	11 13.60		ULM	79.13	344	eP	12 24.43	35km	
FCH	7.30	177	iP+	02 07.65	0.2	FVM	66.29	343	eP	11 05.30	-1.9	JAO	79.60	357	eP	12 25.00	2.3	
LCCH	7.47	185	iP+	02 06.98	-2.6		1.1s	52.19nm			5.5mb				pP	12 24.50	-0.6	
TCA	7.56	136	e(P)	02 13.10	2.1				eP	11 15.65	33km	MAW	80.50	164	iPc	12 34.50	32km	
			i	02 18.00		HRV	68.18	359	P	11 30.00	11.0X		1.0s	57.00nm		12 31.60	1.8	
PCH	7.58	179	eP	02 09.28	-2.0	Z	19s	0.14um			4.2Msz				ePcP	12 41.00	5.5mb	
TACH	7.62	181	iP+	02 09.79	-1.8	ALO	69.42	329	iPc	11 27.09	-0.1	ORV	80.60	323	eP	12 31.37	0.6	
MRA	7.74	147	ePd	02 16.70	3.4X		1.0s	11.31nm			4.9mb				eP	12 41.99	34km	
CHCH	7.89	180	iPd	02 13.63	-1.9	TUC	69.44	324	eP	11 26.91	-0.3	LRM	80.92	332	eP	12 33.20	0.5	
LNK	7.94	184	iP+	02 12.75	-3.3X		1.2s	19.31nm			5.0mb		LBFM	82.08	324	ePc	12 38.89	0.1
RFA	8.94	168	ePd	02 29.30	-0.8				eP	11 37.62	35km				eP	12 49.42	33km	
CNCB	9.51	16	P	02 37.90	-0.5	RSNY	70.30	357	eP	11 31.32	-0.7	SES	84.03	335	ePc	12 47.80	-0.6	
ARE	9.53	356	eP	02 34.00	-4.4X		0.8s	19.11nm			5.2mb				pP	12 58.00	32km	
			iS	04 16.50		Z	20s	0.17um			4.3Msz		AVE	84.25	49	iP	12 52.00	2.2
CCH	9.59	27	eP	02 38.00	-1.2	JFWS	70.90	345	P	11 41.94	34km	VGB	84.48	327	eP	12 51.61	0.9	
			i	02 49.00					ipP	11 40.00	4.2X	NEW	84.82	331	eP	12 51.59	-0.8	
LPB	9.75	15	P	02 42.00	0.5	Z	19s	0.17um			4.3Msz			1.4s	32.61nm		5.3mb	
	1.1s	341.77nm		6.5mb X		LIC	71.27	73	P	11 38.52	0.0	DPW	85.01	330	eP	12 53.58	0.3	
Z	20s	4.96um		4.4Msz					e	11 48.60					eP	13 04.28	34km	
ZOBO	9.97	15	Pc	02 42.60	-2.3	TIC	71.48	73	P	11 39.86	0.0	LON	85.87	328	eP	12 57.27	-0.4	
	Z	20s	2.80um						e	11 50.20		IFR	85.94	50	iP	12 49.50	-8.9X	
			LR	05 51.00		KIC	71.58	73	P	11 40.72	0.3				i	13 10.00		
SIV	13.44	44	P	03 26.60	-4.4X		0.6s	9.00nm			5.0mb	BMW	86.37	327	eP	13 00.42	0.3	
ITB1	14.84	88	e(P)	03 57.00	7.7X				e	11 50.60					eP	13 10.99	33km	
PPD	18.17	82	eP	04 31.10	-0.5	LMN	71.72	4	eP	11 43.50	2.9X	RMW	86.37	328	eP	12 59.70	-0.4	
			e	04 39.20		GLA	72.18	322	eP	11 44.06	0.3				eP	13 10.59	35km	
VAO	21.82	87	eP	05 11.40	-0.1				eP	11 54.63	34km	EVAL	87.21	46	iPc	13 16.50	12.2X	
			e	05 23.70		PMO	72.22	262	iP	11 44.40	0.2	EJIF	87.39	47	eP	13 17.50	12.3X	
BAO	23.59	69	Pc	05 28.90	-0.1		1.5s	60.00nm			5.4mb	MCW	87.72	328	eP	13 06.81	0.2	
			e	05 32.80		EEO	72.70	354	eP	11 48.50	2.1	EPRU	87.84	47	eP	13 19.00	11.6X	
			e	05 37.20					pP	11 59.50	36km	CSY	87.99	181	P	13 11.10	3.5X	
			e	05 52.00		GOL	72.92	333	eP	11 48.21	0.0	ELUO	88.81	47	eP	13 23.30	11.2X	
			e	05 54.50			1.3s	26.96nm			5.1mb	ECOG	89.11	47	eP	13 24.00	10.4X	
			e	06 01.20		Z	20s	0.22um			4.4Msz	BUL	89.31	112	iPc	13 27.40	12.4X	
			e	06 03.20					eP	11 58.34	33km		1.0s	10.50nm				
			e	06 11.20		PV10	73.42	329	ePd	11 51.79	0.7	EBAN	89.46	46	eP	13 26.70	11.6X	
			e	06 14.00		PEC	74.11	321	eP	11 55.45	0.5	ENIJ	89.85	48	eP	13 24.90	8.0X	
			e	06 18.20			1.1s	15.47nm			4.9mb	TOL	90.26	45	eP	13 30.20	11.5X	
			e	06 23.60					eP	12 05.71	33km	KRI	91.68	110	iPc	13 36.40	10.4X	
			e	06 29.10		SSK	74.64	321	eP	11 58.83	0.6	YKA	94.88	341	eP	13 38.80	-0.7	
			e	06 34.00					eP	12 09.13	33km		1.0s	4.20nm		4.8mb		
			e	06 39.80		SRU	74.70	329	ePc	11 58.39	-0.1	CTA	121.78	222	iPKP	19 13.50	0.6	
			e	06 43.60					eP	12 08.96	34km	ASPA	125.16	208	ePKP	19 18.80	-0.6	
			e	06 55.30		GSC	74.95	322	eP	12 00.87	1.0	WB2	128.23	211	iPKPd	19 25.70	0.3	
BDF	23.65	69	Pc	05 29.50	-0.1				eP	12 11.31	34km		0.6s	7.20nm				
			e	05 38.50		MSU	75.01	327	iPc	12 00.98	0.7	WRA	128.24	210	PKP	19 23.00	-2.4X	
			e	05 42.90					eP	12 11.33	33km		0.8s	2.90nm				
			e	05 55.40		ARUT	75.07	326	eP	12 01.70	1.1	MAIO	136.60	64	ePKP	19 41.00	0.1	
			e	06 02.00					eP	12 12.04	33km				e	22 22.00		
			e	06 10.00		EMUT	75.40	329	eP	12 02.77	0.2	YAK	141.47	345	ePKP	19 44.90	-3.9X	
			e	06 13.10					eP	12 13.25	34km		1.2s	30.00nm				
			e	06 19.00		TPNV	75.88	324	eP	12 06.45	1.3	GUA	144.36	257	ePKP	19 53.80	-1.4	
			e	06 27.80			1.2s	35.99nm			5.2mb		1.0s	216.00nm				
			e	06 40.00		ABL	75.97	321	eP	12 06.07	0.2	PJG	144.42	257	ePKP	19 54.00	-1.3	
			e	06 44.90					eP	12 16.42	33km	P00	146.47	96	iPKPc	19 50.50	-8.2X	
			e	06 49.10		DAU	76.08	329	ePc	12 06.85	0.4	GBA	147.70	106	PKP	20 05.00	4.3X	
			e	06 53.90					eP	12 17.33	34km	HYB	150.27	100	ePKP	20 04.50	-0.2	
JFO	25.40	86	eP	05 45.10	-1.2	ISA	76.14	322	ePc	12 07.19	0.6		1.0s	50.00nm				
			e	05 54.60			0.8s	13.12nm			5.0mb				e	20 10.00		
			e	05 59.10		Z	20s	0.21um			4.4Msz				e	20 20.50		
			e	09 28.10					eP	12 17.28	32km	NDI	151.45	77	iPKPc	20 13.50	7.4X	
PDCR	32.61	72	eP	06 49.80	-1.2	RSSD	76.17	336	eP	12 06.80	0.0		0.7s	30.82nm				
SNA	58.49	158	iPd	10 15.50	0.5		0.8s	8.50nm			4.8mb	MAT	153.22	300	iPKPc	20 16.00	7.5X	
	1.0s	44.00nm		5.5mb		Z	22s	0.09um			4.0Msz	IRK	153.51	7	ePKP	20 17.00	8.6X	
PRM	60.78	349	eP	10 29.15	-1.9	DUG	76.63	328	iPc	12 09.79	0.4				e	20 30.00		
JSC	60.79	350	ePc	10 29.25	-1.8		1.0s	16.47nm			5.0mb	MDJ	155.23	324	ePKP	20 12.00	1.1	
			iP	10 39.57	34km				eP	12 20.45	34km	GKN	157.97	79	PKP	20 16.76	1.6	
LHS	60.91	350	ePc	10 30.28	-1.7	TNP	77.23	324	ePc	12 13.47	0.7	DMN	158.38	80	PKP	20 16.62	0.8	
CEH	62.07	352	eP	10 38.08	-1.7		1.1s	20.10nm			5.1mb	KKN	158.54	80	PKP	20 16.96	1.1	
	1.3s	32.79nm		5.3mb					eP	12 24.08	34km	PKI	158.65	80	PKP	20 16.86	0.7	
	Z	20s	0.12um	4.0Msz		BW06	77.23	332	ePc	12 12.10	-0.6	GUN	159.07	80	PKP	20 18.86	2.2X	
			iP	10 48.25	33km		1.5s	16.40nm			4.8mb	GTA	164.46	28	PKP	20 23.00	1.5	
GBTN	62.65	348	(P)	10 41.81	-1.8	BONR	77.72	323	eP	12 16.38	0.8				pPKP	20 34.00		
UYO	63.95	338	iPd	10 51.00	-1.2				ipP	12 26.79	33km	TIY	168.03	348	ePKP	20 25.80	1.6	
MIAR	64.00	339	eP	10 51.32	-1.2	MEMM	77.85	323	ePc	12 17.29	1.4	LZH	168.94	24	ePKP	20 27.50	2.6X	
	1.3s	24.06nm		5.1mb					eP	12 27.69	33km	Z	25s	0.22um		5.4MszX		
	Z	19s	0.27um	4.5Msz		HVU	77.86	329	eP	12 16.27	0.2				pPKP	20 36.00		
			eP	11 01.67	33km				eP	12 26.67	33km	XAN	171.99	2	ePKP	20 27.70	1.3	
SPA	64.14	180	iPc	10 55.50	2.1	KVN	78.41	324	eP	12 19.99	0.7				pPKP	20 40.60		
	0.9s	68.64nm		5.7mb		PTI	78.54	330	eP	12 20.60	0.8	CD2	173.12	44	PKPd	20 29.00	2.1X	
OLY	64.25	341	eP	10 51.40	-2.7	WIN	78.58	110	iPc	12 22.80	2.2		S.D. = 1.2	on 101	of 133 obs.			
			eP	11 02.06	35km		1.1s	101.27nm			5.7mb							
ELC	65.32	344	ePc	10 58.91	-2.1				i	12 32.50			OCT	10, 1992	02h	54m	28.31± 1.40s	
						HHA1	78.88	330	eP	12 22.30	0.7		11.074	N ± 8.9km		62.075	W ± 8.6km	

OCT 10, 1992 02h 54m 28.31± 1.40s
11.074 N ± 8.9km 62.075 W ± 8.6km

DEPTH = 136.6 ± 21.5 km
WINDWARD ISLANDS
MD 3.8 (TRN).

TCE	0.49	140	eP	54	49.02	0.7
			eS	55	05.40	
TRN	0.78	123	eP	54	50.01	-0.2
			eS	55	03.11	
TPP	0.97	141	eP	54	52.38	0.6
			eS	55	07.82	
TBH	1.15	121	eP	54	53.85	0.3
			eS	55	09.32	
GRW	1.15	21	eP	54	52.93	-0.7
			eS	55	08.56	
PIG	1.21	86	eP	54	54.33	0.2
			eS	55	09.18	
TPR	1.28	85	eP	54	54.65	-0.2
			eS	55	08.49	
BOT	1.34	86	eP	54	53.90	-1.5
			eS	55	07.25	
CUM	2.15	254	iP	55	04.60	-0.2
			i	55	32.80	
SVB	2.33	20	eP	55	07.62	0.5
			eS	55	35.43	
SVV	2.38	21	eP	55	08.00	0.2
			eS	55	36.36	
MVM	3.65	18	ePc	55	24.46	0.1
GUAN	3.68	253	iPc	55	24.70	-0.2
			eS	56	08.10	
FDF	3.75	14	eP	55	25.64	0.0
			S	56	07.30	
CRM	3.83	17	ePd	55	27.09	0.4
			S	56	11.90	

S.D. = 0.6 on 15 of 15 obs.

% OCT 10, 1992 02h 59m 32.62 ± 1.70s
38.240 S ± 12.2km 176.138 E ± 8.5km
DEPTH = 199.7 ± 14.6 km
NORTH ISLAND, NEW ZEALAND (159)

WHH	0.70	157	P	59	59.90	-1.0
URZ	0.77	92	P	59	59.70	-1.4
			S	00	15.90	
PAHZ	0.95	131	P	00	01.80	-0.5
NGZ	1.03	204	P	00	02.90	-0.1
CNZ	1.06	206	P	00	03.00	-0.2
MOZ	1.08	255	P	00	03.90	0.7
			eS	00	22.10	
MOH	1.19	139	P	00	04.10	0.1
TTH	1.41	158	P	00	06.40	0.7
WAHZ	1.47	173	Pc	00	06.60	0.3
NOZ	1.54	105	P	00	07.20	0.3
MAHZ	1.66	125	P	00	08.90	0.8
HBZ	1.83	70	P	00	10.10	0.5
PGZ	2.38	178	P	00	15.80	0.3
KIW	2.79	200	P	00	20.20	0.1
MTW	2.96	189	P	00	21.90	-0.2
CAW	2.98	196	P	00	22.60	0.2
DIW	3.08	213	P	00	24.80	1.2
BLW	3.17	189	P	00	24.50	-0.1
MRW	3.19	200	P	00	24.90	0.1
			S	01	02.40	
MOW	3.25	192	P	00	25.40	-0.3
TCW	3.30	205	P	00	26.20	0.0
KHZ	4.62	205	P	00	42.60	-0.1
			S	01	34.10	
MOZ	6.06	205	P	01	00.10	-1.2
			S	02	04.00	

S.D. = 0.7 on 23 of 23 obs.

* OCT 10, 1992 03h 34m 04.07 ± 1.75s
17.758 N ± 16.3km 101.837 W ± 12.6km
DEPTH = 42.7 ± 18.8 km
NEAR COAST OF GUERRERO, MEXICO (58)

MRX	2.03	17	iP	34	35.33	-1.1
			iS	34	58.00	
ACX	2.09	115	iP	34	37.95	0.7
			(S)	35	02.00	
CGX	2.47	322	iP	34	43.00	0.0
			iS	35	15.68	
UNM	2.96	58	(P)	34	51.00	0.9
			(S)	35	30.00	
PPM	3.31	66	(P)	34	55.87	0.6
IIT	3.58	69	iP	34	58.56	-0.2
			(S)	35	45.00	
AGX	4.12	354	(P)	35	13.37	7.2X

IISM	4.41	73	iP	35	11.00	0.7
OXX	4.93	97	eP	35	15.83	-2.0
			(S)	36	39.08	
ZOBO	47.40	134	P	42	37.80	0.6
SIV	52.32	127	eP	43	13.00	-1.2
WRA	127.00	258	PKP	53	06.60	0.6
	0.7s	0.10nm				
S.D. = 1.2 on 11 of 12 obs.						

OCT 10, 1992 04h 00m 58.25 ± 0.28s
54.454 N ± 6.9km 162.715 E ± 4.5km
DEPTH = 25.4km (5 depth phases)
4.8mb (51 obs.) 4.4Msz (18 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

PET	2.81	241	ePn	01	41.00	-1.4
Z	15s	11.00um				
N	16s	13.00um				
E	15s	14.50um				
		eS	02	15.00		
SKR	5.54	229	ePn	02	19.10	-2.0
Z	16s	4.60um				
N	12s	5.30um				
E	16s	5.20um				
		eS	03	20.00		
MGD	8.58	316	ePn	03	07.00	3.3X
Z	13s	9.90um				
N	13s	4.80um				
E	13s	9.30um				
OKH	11.67	274	ePn	03	50.00	3.9X
Z	14s	4.90um				
		eS	06	03.00		
YSS	14.65	248	iPc	04	31.00	5.5X
Z	12s	40.00nm			4.8mb	
N	16s	4.00um			4.1MszX	
E	16s	3.00um				
		2.00um				
ILT	16.08	26	iPc	04	51.00	7.1X
	1.6s	84.00nm			4.6mb	
YAK	18.77	307	iPd	05	17.90	0.5
	0.9s	306.00nm			5.5mb	
Z	14s	3.80um			4.0Msz	
E	14s	3.00um				
		eS	08	46.00		
TIK	22.53	333	eP	05	56.00	-0.9
Z	13s	50.00nm			4.8mb	
	14s	3.00um			4.9MszX	
TTA	22.69	51	eP	05	58.58	-0.1
	1.4s	30.12nm			4.6mb	
SVW	22.86	56	(P)	06	00.38	0.1
	1.3s	52.49nm			4.9mb	
MDJ	23.44	259	eP	06	07.00	1.0
Z	16s	2.36um			4.7MszX	
N	16s	1.32um				
E	17s	1.78um				
		S	10	12.00		
NIIJ	23.67	233	eP	06	09.30	0.9
IMA	23.98	44	iPd	06	10.51	-0.8
	1.7s	53.86nm			4.8mb	
KAKJ	23.99	230	eP	06	15.20	3.8X
BGL	24.41	56	(P)	06	15.52	0.1
CRP	24.52	56	(P)	06	17.75	1.1
		pP	06	29.76	48kmX	
SPU	24.58	56	eP	06	17.00	0.0
MAT	24.61	233	eP	06	18.00	0.5
	0.7s	20.55nm			4.8mb	
Z	20s	1.06um			4.3Msz	
		eS	10	36.00		
CHJJ	24.65	231	eP	06	18.80	0.9
MTMJ	24.77	234	eP	06	19.70	0.6
KDC	24.85	64	(P)	06	18.54	-1.0
	1.6s	72.22nm			5.0mb	
SLKM	25.54	57	(P)	06	31.86	5.7X
PMR	25.94	55	P	06	40.00	10.2X
Z	19s	0.74um			4.2Msz	
CN2	26.31	262	eP	06	36.00	2.6
	0.6s	4.90nm			4.3mb	
Z	15s	2.69um			4.9MszX	
N	12s	0.52um				
E	12s	1.57um				
		eP	06	45.00	32km	
FBA	26.36	47	iPc	06	32.59	-1.1
	0.9s	8.68nm			4.4mb	
BOD	26.78	297	eP	06	41.80	4.3X
	0.6s	23.00nm			5.0mb	
KLU	27.48	54	eP	06	41.09	-2.9
BALM	29.26	55	(P)	06	58.93	-1.2

ZAK	35.54	288	eP	07	55.50	0.8
	1.0s	6.00nm				4.5mb
Z	13s	2.93um				5.2MszX
N	13s	0.95um				
E	14s	3.64um				
YKA	41.10	44	eP	08	40.70	-0.3
	0.7s	3.00nm				4.1mb
NVS	43.56	305	iPd	08	59.00	-2.2
	0.8s	16.00nm				4.9mb
GTA	44.00	277	eP	09	03.00	-2.1
	0.5s	11.00nm				4.9mb
Z	14s	3.48um				5.4MszX
E	12s	1.91um				
		pP	09	11.00	27km	
HON	44.37	122	P	09	20.00	11.9
Z	18s	0.23um				4.1Msz
NEW	47.89	63	eP	09	35.79	0.0
	1.3s	16.04nm				4.9mb
WMO	47.98	290	eP	09	34.40	-2.2
DAG	49.04	0	iPc	09	43.20	-1.0
	0.7s	17.12nm				5.2mb
SES	49.59	57	eP	09	49.00	0.1
WDC	49.98	74	P	10	00.00	8.1X
Z	18s	0.23um				4.2Msz
LRM	51.90	62	eP	10	06.60	-0.2
CMB	52.94	75	P	10	20.00	5.5X
Z	21s	0.23um				4.2Msz
BOHR	54.17	73	eP	10	24.02	0.3
HVU	54.51	66	eP	10	26.45	0.4
BW06	55.50	63	eP	10	33.00	-0.4
	1.1s	12.70nm				4.9mb
DUG	55.60	68	iP	10	33.92	-0.1
	0.8s	6.86nm				4.7mb
ISA	55.71	75	P	10	40.00	5.3X
Z	18s	0.28um				4.4Msz
TPNV	56.03	73	eP	10	37.05	-0.1
	0.5s	1.54nm				4.3mb
		pP	10	51.54	53kmX	
DAU	56.28	66	eP	10	39.33	0.2
GSC	56.91	74	eP	10	43.37	0.0
EMUT	56.95	67	iPc	10	43.93	0.1
ARUT	56.98	70	eP	10	44.11	0.2
MSU	57.15	69	eP	10	45.27	0.0
RSSD	57.36	59	eP	10	45.93	-0.7
	0.6s	9.92nm				5.0mb
Z	20s	0.39um				4.5Msz
SRU	57.61	67	eP	10	47.75	-0.6
PLM	58.30	76	iPc	10	53.47	0.2
KAF	58.83	338	eP	10	53.60	-2.7
	0.3s	4.90nm				5.1mb
PV10	58.94	67	eP	10	59.59	1.8
GLA	59.67	75	eP	11	02.52	-0.1
GOL	59.91	63	iPd	11	04.62	0.2
	0.6s	4.72nm				4.8mb
Z	22s	0.31um				4.4Msz
GUN	60.28	277	P	11	03.78	-3.5X
NUR	60.63	338	eP	11	05.40	-3.3X
	0.8s	14.90nm				5.2mb
KKN	60.72	278	P	11	07.34	-2.7
PKI	60.81	277	P	11	07.48	-3.3X
	0.6s	15.00nm				5.3mb
GKN	60.93	278	P	11	08.30	-3.1X
	0.7s	12.00nm				5.1mb
DMN	60.96	278	P	11	09.32	-2.4
OBN	62.19	328	eP	11	19.00	-0.3
	1.6s	40.00nm				5.3mb
Z	18s	1.20um				5.1Msz
N	20s	1.10um				
		e	11	20.00	3kmX	
TUC	62.48	72	eP	11	22.07	0.4
	0.8s	3.91nm				4.6mb
NB2	62.65	345	P	11	20.20	-2.2
	0.8s	6.60nm				4.8mb
ALO	62.88	67	eP	11	24.17	-0.2
	0.7s	4.89nm				4.7mb
Z	18s	0.19um				4.3Msz
HFS	63.11	343	eP	11	22.10	-3.2X
	0.4s	2.80um				4.7mb
Z	16s	254.00um				7.5MszX
		LR	36	06.00		
JFWS	64.85	51	P	11	50.00	13.1X
Z	19s	0.48um				4.7Msz
MNK	65.83	333	eP	11	33.00	-10.0X
FVM	68.67	54	eP	12	00.50	-0.7
	0.6s	20.50nm				5.4mb
Z	18s	0.57um				4.8Msz
PYA	69.28	318	eP	12	01.00	-3.8X

10d 04h

Z	22s	1.20um	5.1MsZ	
ELC	69.80	54 eP	12 07.57	-0.5
MIAR	69.88	59 eP	12 07.95	-0.7
	0.8s	7.80nm	4.9mb	
Z	21s	0.28um	4.5MsZ	
EKA	69.96	351 P	12 17.00	8.2X
	0.7s	5.40nm	4.8mb	
RSNY	70.02	40 P	12 20.00	10.6X
Z	21s	0.18um	4.3MsZ	
OJC	71.16	336 eP	12 16.30	0.1
KSP	71.38	338 eP	12 17.40	-0.1
		e	12 24.20	22km
CLL	71.61	341 eP	12 21.00	2.1
	1.3s	18.00nm	5.0mb	
DMU	71.67	354 eP	12 25.00	5.8X
BRG	71.84	340 eP	12 21.50	1.3
	0.6s	16.00nm	5.2mb	
		e	12 27.50	19km
ERE	71.93	315 eP	12 22.00	0.9
SPC	72.01	335 e(P)	12 18.20	-3.3X
DCN	72.25	354 eP	12 25.00	2.4
PRU	72.56	339 eP	12 25.00	0.5
Z	15s	0.50um	4.9MsZ	
HRV	72.88	39 P	12 40.00	13.5X
Z	18s	0.16um	4.3MsZ	
GRF	73.50	341 eP	12 30.00	0.0
Z	21s	0.10um	4.1MsZ	
KHC	73.57	339 eP	12 30.50	0.0
	1.0s	5.40nm	4.5mb	
Z	16s	0.80um	5.1MsZ	
N	14s	0.60um		
E	16s	0.50um		
		e	12 39.00	27km
		e	13 06.00	
ZST	73.69	337 eP	12 35.60	4.5X
		e	41 00.50	
GEC2	73.82	339 P	12 30.60	-1.4
	0.5s	0.61nm	3.9mb	
CDF	75.43	343 eP	12 41.30	0.0
	0.7s	9.50nm	4.9mb	
CEH	75.54	48 P	12 50.00	8.1X
Z	21s	0.25um	4.5MsZ	
CTA	75.57	196 iP	12 42.00	-0.2
HAU	75.98	344 eP	12 44.30	0.0
	0.8s	7.40nm	4.8mb	
BSF	76.08	344 eP	12 45.40	0.4
	0.9s	11.30nm	4.9mb	
PTJ	76.11	337 eP	12 47.00	1.8
GBA	76.32	274 P	12 46.00	-0.6
LOR	77.08	345 eP	12 51.20	0.7
	0.8s	7.40nm	4.8mb	
SSF	77.34	346 eP	12 53.50	1.6
	0.9s	10.95nm	4.9mb	
LBF	77.34	345 eP	12 52.40	0.4
	0.9s	7.35nm	4.7mb	
AVF	77.63	346 eP	12 54.50	1.1
	0.7s	5.50nm	4.7mb	
WB2	77.99	207 eP	12 55.00	-0.7
	0.6s	0.70nm	3.9mb	
WRA	77.99	207 P	12 55.20	-0.5
	0.8s	0.30nm	3.4mb	
MAF	78.29	346 eP	12 58.50	1.3
	0.8s	6.30nm	4.7mb	
LPL	78.33	343 eP	12 59.60	1.9
LPG	78.35	343 eP	12 59.90	2.1
	0.7s	12.80nm	5.1mb	
VAY	78.68	331 eP	12 58.70	-0.6
LRG	80.40	343 eP	13 10.20	1.7
	0.7s	9.25nm	4.9mb	
ASPA	81.66	207 eP	13 17.80	2.5
	1.0s	4.10nm	4.4mb	
TOL	85.35	350 eP	13 35.00	0.9
ZOBO	125.48	66 ePKP	20 08.00	8.7X
CNCB	125.99	66 PKP	20 00.90	0.6
SIV	128.88	59 ePKP	20 06.00	0.9
SPA	144.27	180 iPKP	20 29.40	-2.8X
	0.8s	5.83nm		
S.D. = 1.2 on 86 of 115 obs.				
OCT 10, 1992 04h 21m 01.64±0.45s				
24.065 S ± 4.6km 67.065 W ± 7.9km				
DEPTH = 209.9 ± 9.5 km				
4.7mb (1 obs.)				
CHILE-ARGENTINA BORDER REGION (127)				
SLA	1.58	115 iPd	21 38.50	1.1
		S	22 04.20	

YJA	2.37	38 iPd	21 45.00	-0.6
ANT	3.09	276 iP+	21 54.00	0.8
		iS	22 31.80	
CCH	6.70	8 eP	22 38.00	-1.2
CNCB	7.27	353 iPd	22 47.60	0.8
		S	24 07.80	
RTLL	7.34	189 ePd	22 46.80	-0.4
LPB	7.56	352 P	22 51.00	0.5
	0.9s	299.16nm	5.5mb	X
TCA	7.57	164 iP	22 49.80	-0.5
		i	24 12.00	
ZOBO	7.80	352 iPd	22 53.70	-0.2
RTCV	7.87	189 ePc	22 53.60	-0.7
MRA	8.40	172 eP	23 01.00	0.1
SIV	9.81	36 eP	23 18.00	-1.2
PPD	14.64	85 eP	24 20.70	0.4
		e	24 23.80	
BAO	19.79	68 e(P)	25 19.00	1.1
		e	25 21.00	
		e	25 23.10	
		e	25 29.00	
		e	25 31.10	
		e	25 36.70	
		e	25 49.00	
BDF	19.85	69 Pd	25 18.00	-0.5
		e	25 34.50	
		e	25 45.00	
JFO	21.99	89 eP	25 40.00	0.6
PDCR	28.84	72 (P)	26 39.00	-3.6X
BUL	86.91	111 iPd	33 29.50	5.0X
	0.9s	12.60nm	4.7mb	
WRA	131.54	207 PKP	40 03.00	11.6X
	1.0s	0.10nm		
S.D. = 0.9 on 16 of 19 obs.				
% OCT 10, 1992 04h 32m 03.79±1.82s				
39.414 N ± 8.4km 26.015 E ± 17.2km				
DEPTH = 10.0km (geophysicist)				
TURKEY (366)				
EZN	0.48	30 iPg	32 13.20	-0.2
		iSg	32 19.20	
IZM	1.41	136 iPn	32 29.30	-0.2
ALN	1.48	1 eP	32 30.70	0.3
		eS	32 48.50	
MFT	1.68	35 ePn	32 33.00	-0.4
EDC	1.70	56 ePn	32 34.00	0.4
BNT	1.74	57 iPn	32 33.90	-0.4
KCT	1.99	64 ePn	32 38.40	0.6
S.D. = 0.5 on 7 of 7 obs.				
? OCT 10, 1992 05h 15m 09.83±7.17s				
15.405 N ± 21.8km 60.532 W ± 75.3km				
DEPTH = 33.0km (normol)				
LEEWARD ISLANDS (92)				
ML 2.8 (FDF).				
CRM	0.75	210 iPc	15 23.67	-0.2
		S	15 32.90	
FDF	0.90	222 iPc	15 26.18	0.1
		S	15 36.00	
MVM	0.92	203 iPc	15 26.47	0.1
		S	15 38.00	
DOG	1.22	301 eP	15 30.73	0.1
PAG	1.27	299 eP	15 31.30	-0.1
S.D. = 0.2 on 5 of 5 obs.				
OCT 10, 1992 05h 52m 27.28±0.22s				
25.923 S ± 3.8km 70.844 W ± 6.6km				
DEPTH = 31.5km (29 depth phases)				
5.2mb (25 obs.) 4.3MsZ (15 obs.)				
NEAR COAST OF NORTHERN CHILE (122)				
ANT	2.24	10 iPc	53 03.50	0.6
		iS	53 36.00	
SLA	4.99	77 ePc	53 46.30	4.2X
CYA	5.15	120 eP	53 46.00	1.7
RTPR	5.80	140 ePd	53 54.90	1.5
RTBS	5.85	168 iPc	53 55.90	1.9
ZON	5.92	162 eP	53 57.00	1.9
CFA	6.11	159 ePd	53 58.80	1.0
YJA	6.15	54 ePd	54 01.50	2.7
		(S)	54 42.00	
RTCV	6.25	162 iPc	54 00.70	0.9
JACH	6.74	178 iP+	54 04.90	-1.8
ROCH	7.03	181 eP	54 07.40	-3.4X
IHA	7.11	185 eP	54 08.20	-3.6X

			e(S)	55	52.50	
PEL	7.20	179	(P)	54	10.23	-2.8
FCH	7.39	176	eP	54	14.73	-1.4
SAN	7.51	179	eP	54	14.55	-2.8
LCCH	7.55	185	iP+	54	13.73	-4.2X
PCH	7.68	178	iPd	54	17.52	-2.3
TCA	7.70	136	ePd	54	19.50	-0.6
			i	54	24.60	
TACH	7.70	181	iPd	54	16.90	-3.2X
MRA	7.87	146	ePc	54	23.00	0.6
LVN	8.02	183	iP+	54	19.72	-4.8X
RFA	9.05	167	ePc	54	36.00	-2.9
ARE	9.43	356	eP	54	41.00	-3.4X
			eS	56	23.00	
CNCB	9.45	17	P	54	43.70	-1.2
CCH	9.56	28	P	54	45.00	-1.1
			i	54	56.00	
LPB	9.69	16	P	54	48.00	0.0
	1.0s	240.00nm				6.4mb X
Z	18s	5.50um				4.5MsZ X
		LR	58	24.00		
ZOBO	9.92	15	iPc	54	49.20	-2.1
	1.0s	92.50nm				6.0mb X
Z	18s	4.03um				5.0MsZ
		LR	58	04.00		
PPD	18.26	82	eP	56	38.40	-1.7
BAO	23.66	69	Pc	57	35.60	-1.4
			e	57	45.00	34km
			e	57	48.50	
			e	58	04.50	
			e	58	12.00	
			e	58	24.00	
			e	58	31.40	
			e	58	37.20	
			e	58	42.10	
JFO	25.50	86	eP	58	01.40	6.8X
			e	58	05.50	15kmX
			e	58	08.50	
PDCR	32.68	72	eP	59	05.50	6.5X
			e	01	43.80	
SNA	58.61	158	iPd	02	22.40	-0.8
	0.9s	35.29nm				5.5mb
PRM	60.67	349	eP	02	35.45	-2.3
			eP	02	45.53	33km
			e	02	52.93	
JSC	60.68	350	eP	02	36.13	-1.6
LHS	60.81	351	ePc	02	36.95	-1.7
			eP	02	46.45	31km
CEH	61.97	352	eP	02	45.11	-1.4
	0.9s	26.18nm				5.4mb
Z	21s	0.23um				4.3MsZ
		eP	02	54.21		30km
GBTN	62.55	348	eP	02	48.00	-2.3
			eP	02	57.54	31km
UYO	63.83	338	iPc	02	57.40	-1.4
MIAR	63.88	339	ePc	02	57.73	-1.5
	0.9s	11.20nm				5.0mb
Z	19s	0.29um				4.5MsZ
SPA	64.23	180	iPc	03	02.30	0.9
	1.0s	131.00nm				6.0mb
ELC	65.21	344	ePc	03	05.52	-2.2
			eP	03	15.64	32km
TUL	65.86	338	eP	03	10.30	-1.6
	0.6s	13.10nm				5.2mb
Z	20s	0.10um				4.0MsZ
		LR	26	28.00		
FVM	66.17	343	eP	03	11.43	-2.5
	0.9s	39.13nm				5.5mb
		eP	03	21.91		34km
ALO	69.30	329	ePc	03	33.73	-0.1
	1.0s	9.80nm				4.8mb
Z	19s	0.25um				4.5MsZ
		eP	03	43.86		33km
TUC	69.30	324	eP	03	33.50	-0.3
	1.2s	19.93nm				5.1mb
Z	21s	0.24um				4.4MsZ
		iP	03	44.25		35km
BNH	70.17	360	eP	03	38.65	0.0
RSNY	70.21	357	eP	03	37.84	-1.1
	0.8s	24.36nm				5.3mb
Z	20s	0.16um				4.3MsZ
		iP	03	48.27		34km
JFWS	70.79	345	eP	03	41.05	-1.5
	0.8s	23.19nm				5.3mb
Z	18s	0.16um				4.3MsZ
LIC	71.34	73	P	03	45.32	-1.1
	1.1s	35.00nm				5.3mb

TIC									CSY									Papaikou and Pepeekeo. Also felt at Glenwood, Laupahoehoe, Paauilo and Volcano.								
71.56 73 P 03 55.00 -1.1									88.08 181 eP 05 17.40 1.9																	
1.0s 27.50nm 5.2mb									0.7s 100.60nm 6.2mb X																	
PcP 03 56.60									ELUO 88.82 47 P 05 19.30 -0.2																	
LMN 71.64 4 eP 03 50.00 2.5									ECOG 89.13 47 eP 05 21.70 0.6																	
KIC 71.66 73 P 03 47.40 -0.9									BUL 89.44 112 iPc 05 24.40 1.4									NGH 0.03 272 iPc 25 33.34 -1.4								
0.9s 35.50nm 5.4mb									1.0s 10.00nm 5.1mb									HIL 0.09 283 iP 25 33.40 -1.4								
PcP 03 57.00									EBAN 89.48 47 eP 05 29.00 6.4X									MVH 0.21 197 iPd 25 34.23 -0.4								
GLA 72.05 322 eP 03 50.46 0.1									THZ 90.54 222 P 05 29.80 2.1									KPO 0.25 144 iPc 25 34.26 -0.7								
eP 04 00.18 31km									EALH 90.87 48 eP 05 26.00 -3.0X									PKL 0.25 163 iPc 25 34.25 -0.8								
EEO 72.60 354 ePc 03 55.10 1.8									ETOR 92.05 45 eP 05 45.50 11.0X									FEF 0.26 213 iPd 25 34.62 -0.6								
pP 04 05.00 32km									YKA 94.77 341 eP 05 45.60 -0.8									POH 0.28 151 iPc 25 34.54 -0.7								
GOL 72.80 333 eP 03 54.60 -0.3									0.8s 4.60nm 5.0mb									HUL 0.28 176 iPc 25 34.59 -0.7								
1.5s 36.20nm 5.2mb									HON 96.63 290 P 06 10.00 14.3X									eS 25 40.51								
Z 20s 0.20um 4.4Msz									Z 19s 0.23um 4.7Msz									KLCH 0.30 193 iPd 25 34.64 -0.9								
eP 04 04.81 33km									PMR 107.12 331 PKP 11 00.00 8.9X									STCH 0.33 202 iPd 25 34.93 -0.9								
PV10 73.29 330 eP 03 59.00 1.2									Z 20s 0.17um 4.6Msz									eS 25 41.44								
eP 04 09.00 32km									OBN 120.73 40 ePKP 11 16.00 -1.2									RSD 0.35 228 iPd 25 35.35 -0.8								
PLM 73.41 321 eP 03 59.31 0.8									Z 18s 0.50um 5.2Msz									ESR 0.37 218 iPd 25 35.26 -1.0								
PEC 73.98 321 eP 04 02.21 0.6									e 11 26.00									MKA 0.37 205 iPd 25 35.21 -1.0								
0.9s 9.42nm 4.8mb									CTA 121.78 222 ePKP 11 20.00 -0.3									WHA 0.37 187 ePd 25 35.46 -0.7								
eP 04 11.71 31km									ASPA 125.19 208 iPKPd 11 26.30 -0.6									KKU 0.38 300 iPd 25 35.28 -1.2								
SRU 74.57 329 ePc 04 04.96 -0.2									0.8s 17.90nm									PUH 0.38 213 iPd 25 35.42 -1.0								
eP 04 15.09 33km									WB2 128.25 211 iPKPd 11 32.90 0.1									eS 25 42.13								
GSC 74.82 322 eP 04 07.33 0.8									0.5s 12.20nm									NPH 0.39 223 iPd 25 35.33 -1.2								
eP 04 16.27 29km									WRA 128.26 211 PKP 11 29.90 -2.9X									eS 25 42.41								
MSU 74.88 328 iPc 04 07.61 0.6									0.5s 4.30nm									UWE 0.39 225 iPd 25 35.45 -1.1								
ARUT 74.93 326 eP 04 08.19 1.0									YAK 141.36 345 ePKP 11 51.80 -4.3X									eS 25 42.53								
EMUT 75.27 329 eP 04 09.60 0.4									1.7s 45.00nm									RIM 0.40 221 iPd 25 35.53 -1.1								
TPNV 75.74 324 eP 04 13.11 1.3									GUA 144.28 257 ePKP 12 00.50 -2.0									MLX 0.41 234 iPd 25 35.78 -1.0								
1.0s 19.56nm 5.1mb									1.0s 224.00nm									OUT 0.41 221 iPd 25 35.57 -1.1								
eP 04 22.56 30km									POO 146.58 95 iPKPc 11 56.50 -9.8X									AHA 0.41 218 iPd 25 35.74 -1.0								
ABL 75.84 321 ePc 04 13.11 0.6									GBA 147.82 106 PKP 12 11.50 3.2X									eS 25 43.02								
eP 04 22.70 31km									KSH 149.18 56 PKP 12 11.90 1.9									MLH 0.42 241 iPd 25 35.92 -1.1								
DAU 75.95 329 ePc 04 13.77 0.6									HYB 150.38 100 iPKPc 12 18.00 5.7X									IS 25 43.18								
ISA 76.00 322 iPc 04 14.13 0.9									1.0s 100.00nm									KAE 0.43 197 iPd 25 36.13 -0.7								
0.8s 14.03nm 5.0mb									e 12 23.50									CPK 0.44 226 iPd 25 35.67 -1.3								
Z 20s 0.15um 4.3Msz									e 12 28.00									HPU 0.44 280 iPd 25 36.04 -1.4								
iP 04 23.77 31km									NDI 151.53 77 iPKP 12 20.00 6.3X									KNH 0.46 217 iPd 25 36.10 -1.1								
RSSD 76.05 336 ePc 04 13.76 0.3									MAT 153.09 300 ePKP 12 23.00 7.3X									PLL 0.47 249 iPd 25 36.27 -1.4								
0.8s 8.76nm 4.8mb									1.0s 19.00nm									PWH 0.47 207 iPd 25 36.45 -0.8								
Z 20s 0.07um 4.0Msz									MDJ 155.09 324 ePKP 12 18.00 -0.1									KFH 0.48 235 iPd 25 36.79 -0.9								
eP 04 22.81 29km									GKN 158.05 79 PKP 12 22.98 0.3									HLP 0.50 216 iPd 25 36.63 -1.1								
DUG 76.50 328 iPc 04 16.68 0.6									DMN 158.47 80 PKP 12 23.22 -0.1									DES 0.52 226 iPd 25 36.57 -1.4								
0.9s 13.27nm 5.0mb									KKN 158.62 80 PKP 12 23.26 -0.1									AIN 0.54 233 iPd 25 37.34 -1.0								
TNP 77.10 324 ePc 04 19.83 0.3									PKI 158.73 80 PKP 12 23.28 -0.4									eS 25 45.68								
1.1s 27.30nm 5.2mb									GUN 159.15 79 PKP 12 24.62 0.5									WOB 0.58 254 iPd 25 37.81 -1.2								
eP 04 29.89 32km									LSA 163.63 73 PKP 12 30.50 1.7									TRH 0.59 241 iPd 25 38.09 -1.1								
BW06 77.11 332 eP 04 19.00 -0.5									GTA 164.43 28 PKP 12 29.50 0.6									HTC 0.60 220 iPd 25 37.92 -1.0								
1.4s 10.52nm 4.7mb									pPKP 12 39.00									WIH 0.60 247 iPd 25 37.93 -1.5								
MEMM 77.72 323 ePc 04 23.74 1.2									TIA 167.69 328 ePKP 12 32.50 1.1									eS 25 46.53								
HVU 77.73 329 eP 04 22.80 0.0									TIY 167.92 347 ePKP 12 32.00 0.4									MWH 0.61 250 iPd 25 38.00 -1.1								
KVN 78.28 324 eP 04 26.78 0.8									Z 12s 0.48um									SWH 0.62 247 iPd 25 38.02 -1.7								
PTI 78.41 330 eP 04 27.32 0.8									LZH 168.89 23 ePKP 12 34.00 1.7									WKH 0.64 284 iPd 25 37.85 -1.8								
HHA1 78.75 330 eP 04 28.94 0.6									XAN 171.91 1 ePKP 12 34.50 0.7									WOH 0.65 227 iPd 25 38.53 -1.2								
eP 04 38.54 31km									pPKP 12 45.00									PPL 0.70 219 iPd 25 38.91 -1.3								
CMB 78.77 322 P 04 40.00 11.5X									CD2 173.13 42 ePKP 12 36.30 2.0									DAH 0.72 242 iPd 25 39.04 -1.8								
Z 18s 0.10um 4.2Msz									S.D. = 1.3 on 109 of 133 obs.									KHU 0.74 233 iPd 25 39.39 -1.6								
ARN 78.93 321 eP 04 30.63 1.3																		KIH 0.75 255 iPd 25 39.54 -1.6								
eP 04 40.04 30km																		eS 25 49.77								
ULM 79.02 344 ePc 04 31.50 2.0																		HUH 0.79 269 iPd 25 40.22 -1.5								
JAQ 79.50 357 eP 04 31.00 -1.0																		HPO 0.80 221 iPd 25 40.13 -1.5								
ORV 80.47 323 eP 04 38.42 0.9																		eS 25 50.92								
eP 04 47.78 30km																		KOH 0.85 300 P 25 39.84 -2.6								
MAW 80.61 164 iPc 04 38.60 0.7									AGG 0.39 285 iPgc 17 41.06 0.0									CPH 0.89 256 iPd 25 40.99 -1.9								
1.0s 92.00nm 5.7mb																		KUH 0.93 242 iPd 25 41.67 -1.8								
LRM 80.79 332 eP 04 40.00 0.6																		SPT 0.95 221 iPd 25 41.97 -1.8								
WDC 81.75 323 P 04 50.00 5.8X									LIT 1.20 348 ePn 17 55.18 -0.3									KKH 0.96 268 iPc 25 41.63 -2.2								
Z 19s 0.10um 4.2Msz																		MHA 0.98 300 ePd 25 41.64 -2.4								
LBFM 81.94 324 iPc 04 45.83 0.4									PAIG 1.20 34 ePn 17 55.50 0.0									HKL 1.55 311 iPd 25 49.05 -3.4								
SES 83.91 335 ePc 04 54.50 -0.6																		eS 26 06.07								
pP 05 05.00 33km																		DHH 3.06 301 eP 26 09.05 -4.5								
AVE 84.27 49 eP 04 44.00 -13.3X									OUR 1.67 32 iPnc 18 02.14 -0.3									eS 26 39.72								
i 04 59.00 52kmX									SOH 1.94 12 ePn 18 07.06 0.6									ORV 34.92 48 eP 32 15.30 -0.5								
VGB 84.35 327 eP 04 58.64 1.2									KNT 2.24 2 ePn 18 10.82 0.1									PLM 36.52 60 eP 32 29.61 0.0								
NEW 84.70 331 eP 04 58.70 -0.4									SRS 2.27 15 ePn 18 11.02 -0.2									e 32 39.39								
1.0s 13.50nm 5.1mb																		NEW 41.73 38 eP 33 12.30 -0.2								
DPW 84.88 330 iPc 05 00.32 0.2									S.D. = 0.4 on 7 of 7 obs.									0.9s 3.95nm 4.1mb								
eP 05 09.82 30km																		PV10 43.78 55 (P) 33 30.00 0.3								
IFR 85.96 50 iPc 05 08.00 2.0									& OCT 10, 1992 07h 25m 26.50s									BW06 44.48 48 eP 33 34.00 -1.2								
BMW 86.24 327 eP 05 07.22 0.3									19.701 N 154.998 W									1.0s 2.17nm 3.9mb								
eP 05 17.30 32km									DEPTH = 47.5km									ALO 45.29 60 eP 33 44.00 2.3								
RMW 86.24 328 eP 05 05.57 -1.3									4.0mb (4 obs.)									1.1s 1.90nm 3.9mb								
EVAL 87.22 46 eP 05 13.00 1.2									HAWAII (613)									FBA 45.43 4 (P) 33 42.00 -0.1								
MCW 87.59 328 ePc 05 13.52 0.2									<HVO-P>. MD 4.5 (HVO). Felt (IV)									1.1s 5.00nm 4.3mb								
eP 05 23.64 32km									at Hokolou, Honokaa and									62 obs. associated								
EPRU 87.85 47 eP 05 13.00 -1.9									Popoaloo. Felt (III) at Hilo,																	
									Haluaoloo, Ninale, Pohalo.																	
																		* OCT 10, 1992 08h 09m 47.92± 0.79s								

10d 08h

5.595 N \pm 8.7km 78.083 W \pm 12.4km
 DEPTH = 33.0km (normal)
 4.6mb. (4 abs.) 4.5Msz (1 abs.)
 SOUTH OF PANAMA (83)

SDV 8.08 66 iPc 11 46.20 0.1
 TOV 9.21 63 eP 12 00.00 -1.6
 TRN 17.25 72 eP 13 49.51 1.4
 GRW 17.48 67 eP 13 51.81 0.8
 NNA 17.51 176 eP 13 51.50 0.1
 1.2s 34.38nm 4.4mb
 ARE 22.86 164 eP 14 55.00 4.9X
 ZOBO 23.87 156 P 15 00.80 0.6
 1.1s 42.05nm 4.9mb

LPB 24.10 156 P 15 02.00 -0.2
 1.7s 284.62nm 5.5mb
 Z 18s 1.37um 4.5Msz
 LR 22 44.00
 19 20.00

CNCB 24.40 156 P 15 06.80 1.5
 CCH 25.70 153 eP 15 17.00 -0.3
 SIV 27.27 142 P 15 31.00 -0.4
 BAO 36.51 126 Pc 16 52.00 -0.6
 PPD 37.96 137 eP 17 02.70 -1.9
 EEO 40.90 359 eP 17 31.00 2.4
 PDCR 42.71 115 (P) 17 37.00 -6.8X
 ULM 46.95 344 eP 18 17.00 -0.3
 YKA 62.80 342 eP 20 09.60 -2.7
 0.7s 2.30nm 4.4mb

KIC 72.89 85 P 21 26.60 10.3X
 GEC2 87.01 41 PKP 22 52.20 20.8X
 1.0s 1.47nm
 WB2 145.40 243 ePKP 29 26.20 1.1
 0.4s 0.70nm

S.D. = 1.4 on 16 af 20 abs.

? OCT 10, 1992 09h 13m 08.34 \pm 2.67s
 35.547 N \pm 24.7km 23.518 E \pm 21.7km
 DEPTH = 10.0km (geophysicist)
 3.3mb (1 abs.)

CRETE (370)

VLI 1.26 338 ePn 13 34.20 2.5
 NPS 1.73 99 ePn 13 39.00 0.3
 VLS 3.52 319 ePn 13 59.00 -5.2X
 AGG 3.60 345 eP 14 05.34 0.1
 PAIG 4.37 2 iPc 14 16.82 0.5
 LIT 4.62 350 eP 14 19.82 0.0
 OUR 4.79 4 iPc 14 23.22 1.0
 THE 5.10 355 eP 14 26.94 0.4
 SOH 5.27 359 eP 14 29.62 0.6
 GRG 5.47 351 iPd 14 30.54 -1.4
 FNA 5.49 343 iPc 14 29.82 -2.4
 SRS 5.56 1 eP 14 31.94 -1.2
 KNT 5.63 355 iPd 14 33.26 -0.8
 GEC2 15.13 334 P 16 44.10 0.4
 0.7s 1.00nm 3.3mb
 e 16 45.60

KHC 15.42 335 eP 16 47.50 0.1
 S.D. = 1.3 an 14 af 15 abs.

OCT 10, 1992 09h 26m 19.07 \pm 1.27s
 1.227 N \pm 7.7km 129.181 E \pm 12.4km
 DEPTH = 44.6 \pm 13.0 km
 4.8mb (10 abs.) 4.4Msz (4 abs.)
 HALMAHERA, INDONESIA (267)

TNE 1.90 257 eP 26 48.20 -1.3
 SWI 2.94 135 ePc 27 04.50 0.1
 iS 27 04.00
 MNI 4.35 273 ePc 27 55.80 31.4X
 AAI 4.98 191 eP 27 33.50 0.2
 eS 28 29.00
 BIP 7.54 337 ePd 28 10.50 1.3
 eS 29 24.00
 CGP 8.46 328 iPd 28 16.50 -5.4X
 iS 28 24.00

MTN 14.12 172 eP 29 33.00 -5.3X
 PMG 20.79 121 eP 31 04.00 4.9X
 WB2 21.64 167 iPc 31 05.90 -1.8
 1.1s 9.70nm 4.1mb
 eS 35 03.70
 DIS 23.94 155 eP 31 30.50 0.3
 ASPA 25.17 170 eP 31 42.10 0.1
 1.3s 21.00nm 4.5mb

Z 20s 1.00um 4.3Msz
 eS 36 06.40
 CTA 27.00 143 iP 32 03.00 4.0X
 1.5s 24.31nm 4.6mb

WARB 27.36 185 eP 32 05.00 2.8
 GYA 33.14 321 P 32 54.00 0.4
 KMI 34.87 315 eP 33 10.00 1.3
 STK 34.97 161 eP 33 08.70 -0.4
 1.3s 4.90nm 4.3mb
 BRS 36.40 143 iPc 33 20.50 -0.9
 1.0s 8.00nm 4.6mb

i 33 24.00
 e(SKS) 44 28.00
 XAN 37.75 332 P 33 30.80 -1.8
 1.0s 14.00nm 4.8mb

ARMA 38.05 148 eP 33 37.00 1.7
 1.0s 83.00nm 5.6mb
 CD2 38.10 323 eP 33 35.60 0.0
 eS 39 27.00

TIY 39.45 339 eP 33 46.00 -0.8
 Z 24s 0.16um 3.8MszX
 N 10s 0.31um

BWA 39.80 155 e(P) 33 47.20 -2.5
 BJI 40.40 345 eP 33 54.00 -0.5
 1.2s 33.00nm 5.0mb
 Z 20s 0.48um 4.3Msz

SNY 40.73 354 eP 33 57.50 0.3
 Z 22s 0.63um 4.4Msz
 S 40 07.00

CAN 40.81 155 eP 33 59.40 1.4
 eP 34 07.60 28kmX
 LZH 41.89 329 iPc 34 07.50 0.5
 1.2s 53.00nm 5.1mb

Z 17s 0.49um 4.5MszX
 E 15s 0.31um
 eS 40 16.00

HHC 42.55 340 eP 34 13.00 0.7
 Z 26s 0.71um 4.4MszX
 LSA 45.92 312 P 34 40.80 0.8
 GTA 46.49 328 eP 34 43.50 -0.5
 1.0s 19.00nm 5.0mb

Z 22s 1.06um 4.8Msz
 E 15s 0.60um
 pP 34 52.50 30kmX
 sP 34 56.00

eS 41 30.00
 GUN 49.17 307 P 35 01.12 -4.2X
 HYB 52.28 291 eP 35 47.50 18.8X
 WMO 56.17 325 P 35 56.50 -0.3

YAK 60.64 0 eP 36 26.50 -1.0
 S.D. = 1.3 an 26 af 33 abs.

OCT 10, 1992 09h 32m 15.63 \pm 0.64s
 41.635 N \pm 5.5km 22.329 E \pm 4.7km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.1 (SKO). MD 2.1 (THE).

VAY 0.36 150 iPg 32 22.80 -0.3
 iSg 32 28.00
 KKB 0.61 67 iPg 32 27.00 -0.9
 KNT 0.64 138 iPg 32 27.78 -0.6
 eSg 32 36.98
 GRG 0.68 175 iPg 32 29.02 -0.1
 SKO 0.75 297 ePn 32 30.00 -0.2
 MMB 1.05 92 Pg 32 36.00 0.5
 SRS 1.08 118 ePg 32 36.14 0.2
 THE 1.11 154 ePg 32 36.30 -0.1
 eSg 32 51.86
 FNA 1.11 221 ePg 32 37.06 0.5
 eSg 32 53.26
 SOH 1.12 136 iPg 32 36.82 0.1
 eSg 32 52.90
 RZN 1.79 88 iP 32 48.00 1.0

S.D. = 0.6 an 11 of 11 abs.

OCT 10, 1992 09h 50m 11.63 \pm 0.21s
 20.656 S \pm 5.9km 173.138 W \pm 5.0km
 DEPTH = 37.2km (3 depth phases)
 5.2mb (48 abs.) 4.6Msz (16 abs.)
 TONGA ISLANDS (173)
 CENTROID, MOMENT TENSOR (HRV)

VAY 0.36 150 iPg 32 22.80 -0.3
 iSg 32 28.00
 KKB 0.61 67 iPg 32 27.00 -0.9
 KNT 0.64 138 iPg 32 27.78 -0.6
 eSg 32 36.98
 GRG 0.68 175 iPg 32 29.02 -0.1
 SKO 0.75 297 ePn 32 30.00 -0.2
 MMB 1.05 92 Pg 32 36.00 0.5
 SRS 1.08 118 ePg 32 36.14 0.2
 THE 1.11 154 ePg 32 36.30 -0.1
 eSg 32 51.86
 FNA 1.11 221 ePg 32 37.06 0.5
 eSg 32 53.26
 SOH 1.12 136 iPg 32 36.82 0.1
 eSg 32 52.90
 RZN 1.79 88 iP 32 48.00 1.0

S.D. = 0.6 an 11 of 11 abs.

OCT 10, 1992 09h 50m 11.63 \pm 0.21s
 20.656 S \pm 5.9km 173.138 W \pm 5.0km
 DEPTH = 37.2km (3 depth phases)
 5.2mb (48 abs.) 4.6Msz (16 abs.)
 TONGA ISLANDS (173)
 CENTROID, MOMENT TENSOR (HRV)

VAY 0.36 150 iPg 32 22.80 -0.3
 iSg 32 28.00
 KKB 0.61 67 iPg 32 27.00 -0.9
 KNT 0.64 138 iPg 32 27.78 -0.6
 eSg 32 36.98
 GRG 0.68 175 iPg 32 29.02 -0.1
 SKO 0.75 297 ePn 32 30.00 -0.2
 MMB 1.05 92 Pg 32 36.00 0.5
 SRS 1.08 118 ePg 32 36.14 0.2
 THE 1.11 154 ePg 32 36.30 -0.1
 eSg 32 51.86
 FNA 1.11 221 ePg 32 37.06 0.5
 eSg 32 53.26
 SOH 1.12 136 iPg 32 36.82 0.1
 eSg 32 52.90
 RZN 1.79 88 iP 32 48.00 1.0

S.D. = 0.6 an 11 of 11 abs.

OCT 10, 1992 09h 50m 11.63 \pm 0.21s
 20.656 S \pm 5.9km 173.138 W \pm 5.0km
 DEPTH = 37.2km (3 depth phases)
 5.2mb (48 abs.) 4.6Msz (16 abs.)
 TONGA ISLANDS (173)
 CENTROID, MOMENT TENSOR (HRV)

VAY 0.36 150 iPg 32 22.80 -0.3
 iSg 32 28.00
 KKB 0.61 67 iPg 32 27.00 -0.9
 KNT 0.64 138 iPg 32 27.78 -0.6
 eSg 32 36.98
 GRG 0.68 175 iPg 32 29.02 -0.1
 SKO 0.75 297 ePn 32 30.00 -0.2
 MMB 1.05 92 Pg 32 36.00 0.5
 SRS 1.08 118 ePg 32 36.14 0.2
 THE 1.11 154 ePg 32 36.30 -0.1
 eSg 32 51.86
 FNA 1.11 221 ePg 32 37.06 0.5
 eSg 32 53.26
 SOH 1.12 136 iPg 32 36.82 0.1
 eSg 32 52.90
 RZN 1.79 88 iP 32 48.00 1.0

S.D. = 0.6 an 11 of 11 abs.

Data Used: GDSN
 L.P.B.: 16S, 28C
 Centroid Location:
 Origin Time 09:50:13.1 0.5
 Lat 20.56S FIX; Lan 173.19W FIX
 Dep 25.1 4.4 Half-duration 1.0
 Moment Tensor: Scale 10¹⁶ Nm
 Mrr=-5.26 0.32 Mtt=-1.09 0.75
 Mff= 6.35 0.62 Mrt=-0.47 0.96
 Mrf=-3.94 0.89 Mtf= 0.15 0.31

Principal Axes:
 T Val= 7.57 Plg=17 Azm= 92
 N -1.07 4 183
 P -6.50 72 284
 Best Double Couple: Ma=7.0¹⁰ 16
 NP1: Strike=176 Dip=28 Slip= -98
 NP2: 5 62 -86

AFI 6.83 11 eP 51 51.00 -1.2
 eS 53 16.00
 SVA 8.32 286 iPd 52 14.40 1.5
 RAR 12.50 95 P 53 01.00 -8.9X
 S 55 12.00

BKM 17.84 276 iPc 54 20.20 1.4
 DZM 19.07 262 iPc 54 32.30 -1.6
 i 58 11.10

NOZ 19.45 201 P 54 39.00 0.9
 URZ 19.47 204 eP 54 37.10 -1.1
 MOZ 20.61 208 P 54 47.40 -2.9X
 MNG 22.14 203 P 55 04.20 -1.5

AFR 22.29 86 iP 55 11.90 4.6X
 1.2s 100.00nm 5.1mb
 THZ 24.13 206 eP 55 26.60 1.5
 ARMA 33.13 246 iPc 56 46.00 -0.7

1.1s 19.00nm 4.9mb
 RMO 35.32 253 iPc 57 05.50 0.0
 0.8s 61.00nm 5.6mb
 e 59 37.00

CNB 35.96 238 iPd 57 11.60 0.7
 0.8s 29.00nm 5.3mb
 CAN 36.25 238 iPc 57 13.00 -0.3
 eP 57 22.70 33km

8WA 36.52 240 eP 57 12.80 -2.8
 iP 57 24.10 40km
 CTA 38.00 264 iPd 57 26.50 -1.7
 0.9s 16.81nm 4.9mb

Z 18s 6.87um 5.5Msz
 CMS 38.21 245 iPc 57 28.80 -1.0
 0.9s 36.00nm 5.2mb
 OLP 39.36 253 iPc 57 38.00 -1.5
 0.5s 21.00nm 5.2mb

TOO 39.53 236 iPc 57 41.40 0.6
 0.8s 37.00nm 5.2mb
 PMG 39.84 280 eP 57 42.00 -1.5
 STK 41.84 245 eP 57 58.70 -1.1

0.7s 4.30nm 4.3mb
 ePcP 59 56.80
 MHA 43.96 24 (P) 58 15.71 -1.3
 ASPA 48.91 256 eP 58 54.30 -2.0

1.0s 44.70nm 5.5mb
 Z 20s 0.60um 4.6Msz
 eP 00 20.40
 eS 05 54.80

WB2 49.07 261 iPd 58 55.20 -2.3
 0.9s 12.70nm 4.9mb
 i 00 21.60 437kmX
 WRA 49.08 261 P 58 55.50 -2.1
 0.8s 3.20nm 4.4mb

GUA 53.43 306 eP 59 30.20 -0.2
 0.9s 174.79nm 6.1mb
 PJG 53.49 306 eP 59 30.40 -0.5
 55.12 252 eP 59 41.00 -1.9

WARB 57.71 283 ePd 00 03.00 1.6
 SWI 62.10 244 eP 00 31.00 -0.4
 KLB 62.16 256 eP 00 30.30 -1.6
 0.4s 15.00nm 5.5mb

RKG 62.34 241 eP 00 33.00 0.1
 BAL 63.14 245 eP 00 38.00 -0.3
 MUN 63.35 244 eP 00 40.00 0.3
 MRWA 63.98 247 eP 00 43.50 -0.4

NANU 65.74 254 eP 00 55.30 0.0
 0.6s 46.00nm 5.7mb
 CSY 65.78 206 P 00 57.20 2.4
 CGP 67.58 289 ePc 01 07.00 -0.1

0.8s 35.00nm 5.5mb
 SPA 69.47 180 iPd 01 19.70 1.5
 1.0s 79.00nm 5.7mb

MAT	73.12 1.8s	321 eP 90.91nm	01 40.00 -0.3 5.5mb	BJI	89.25 1.2s	314 eP 33.00nm	03 07.00 1.9 5.5mb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
-----	---------------	-------------------	------------------------	-----	---------------	-------------------	-----------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

10d 10h

LPG 155.22 0 ePKP 10 12.70 10.3X
LFF 155.26 10 ePKP 10 12.10 10.1X
S.D. = 1.1 on 123 of 190 obs.

% OCT 10, 1992 10h 24m 15.09±0.69s
33.907 S ± 9.3km 70.532 W ± 11.6km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.9 (SAN).

CHCH 0.10 255 iPd 24 29.21 -0.2
iS 24 39.96
CACH 0.22 195 i(P) 24 29.96 0.2
iS 24 41.47
PCH 0.29 3 iPd 24 30.00 0.1
iS 24 41.82
TACH 0.42 307 iPd 24 30.78 0.2
iS 24 42.72
SAN 0.47 347 iPd 24 30.81 -0.1
iS 24 42.99
FCH 0.61 19 iPd 24 32.28 -0.1
iS 24 46.60
LNV 0.73 266 iP+ 24 32.85 -0.1
iS 24 46.65
PEL 0.77 350 iP+ 24 33.64 0.2
iS 24 48.00
LCCH 0.97 296 iP 24 35.46 0.1
iS 24 50.65
ROCH 1.02 337 iPd 24 36.13 -0.1
iS 24 52.37
JACH 1.22 358 iP 24 38.43 0.0
iS 24 56.79
S.D. = 0.1 on 11 of 11 obs.

OCT 10, 1992 11h 56m 31.79±0.92s
7.173 S ± 5.5km 148.726 E ± 8.5km
DEPTH = 56.5 ± 8.7 km
4.6mb (6 obs.) 4.5msz (2 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

FINC 1.02 303 eP 56 50.00 -0.2
LAT 1.79 286 eP 56 59.60 -1.1
PMG 2.71 215 eP 57 14.00 0.3
eS 57 47.00
RAB 4.52 49 iPc 57 39.50 0.1
iS 59 16.00
MNDI 5.13 281 eP 57 49.00 0.7
CTA 13.06 190 ePKP 59 37.00 0.4
i 00 00.50
eS 02 39.00
OIS 15.97 213 eP 00 16.00 1.6
QLP 19.77 192 iPc 00 59.50 -0.6
0.4s 18.00nm 4.7mb
BRS 20.47 170 iPd 01 06.20 -1.3
Z 18s 8.00um 5.1msz
eS 05 06.00
ASPA 21.72 219 eP 01 19.10 -0.9
0.4s 20.20nm 4.9mb
Z 19s 0.40um 3.8msz
eS 05 13.80
ARMA 23.29 174 eP 01 37.00 1.5
0.5s 3.00nm 4.0mb
CMS 24.34 186 eP 01 46.00 0.4
STK 25.47 194 eP 01 55.90 -0.4
1.2s 4.00nm 3.8mb
WARB 28.28 225 eP 02 21.00 -1.1
MEEK 34.55 232 eP 03 17.00 -0.2
NANU 35.43 241 eP 03 24.30 -0.3
KLB 37.74 226 iPc 03 43.30 -0.7
MRWA 37.82 230 iPc 03 44.70 0.0
MUN 39.06 226 eP 03 55.00 -0.1
RKG 39.95 223 eP 04 02.00 -0.4
MAT 44.59 348 eP 04 38.00 -2.2
SNY 53.92 337 eP 05 50.80 -0.9
XAN 55.67 320 eP 06 03.90 -0.9
CD2 57.32 314 eP 06 18.20 1.7
LZH 60.21 319 eP 06 38.00 1.3
1.4s 26.00nm 5.2mb
pP 06 49.00 37kmX
GTA 64.74 320 eP 07 08.00 1.3
1.0s 7.00nm 4.6mb
LSA 66.31 307 P 07 19.30 1.9
S.D. = 1.1 on 27 of 27 obs.

% OCT 10, 1992 11h 57m 29.24±0.84s
40.341 N ± 6.6km 23.606 E ± 9.4km
DEPTH = 10.0km (geophysicist)

GREECE (364)
MD 1.7 (THE).

OUR 0.29 91 iPg 57 35.21 0.0
eSg 57 39.54
PAIG 0.42 172 iPg 57 37.74 0.0
eSg 57 43.70
SOH 0.52 338 ePg 57 39.30 -0.4
eSg 57 45.70
SRS 0.78 359 ePg 57 44.60 0.2
eSg 57 55.38
KNT 0.98 327 iPg 57 48.10 0.2
eSg 58 01.22
S.D. = 0.4 on 5 of 5 obs.

* OCT 10, 1992 12h 19m 12.18±1.49s
51.252 N ± 16.1km 15.749 E ± 7.5km
DEPTH = 5.0km (geophysicist)

POLAND (548)
MG 3.0 (WAR).

KSP 0.53 140 iPd 19 21.30 -1.6
0.5s 84.00nm
iS 19 30.00
BRG 1.20 252 ePn 19 35.40 0.4
iPg 19 36.80
iSg 19 56.00
PRU 1.48 212 Pn 19 40.20 0.7
0.5s 25.30nm
Pg 19 42.00
e 19 46.50
eSn 19 59.00
eSg 20 04.00
e 20 13.30
CLL 1.73 273 iPn 19 42.00 -1.0
iPg 19 46.60
eSg 20 11.00
VRAC 2.02 164 iPnc 19 46.80 -0.4
0.6s 29.70nm
eSn 20 15.00
eSg 20 20.20
iPn 19 56.00 1.2
Pg 20 06.60
Sg 20 43.90
MOX 2.68 259 ePn 19 56.20 -0.6
iPg 20 04.30
iSg 20 44.00
OJC 2.77 110 eP 19 59.50 1.4
iS 20 35.40
GRF 3.29 243 e(Pn) 20 05.20 -0.2
ePg 20 15.90
e(Sn) 20 51.70
eSg 21 03.50
SPC 3.55 124 eP 20 16.70 7.5X
S.D. = 1.2 on 9 of 10 obs.

OCT 10, 1992 12h 59m 46.38±1.47s
41.783 N ± 9.3km 22.898 E ± 10.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.5 (THE).

KKB 0.16 59 iPg 59 50.00 -0.1
KNT 0.62 180 iPg 59 58.48 -0.4
eSg 00 07.16
MMB 0.65 107 Pg 59 59.00 -0.4
SRS 0.85 142 ePg 00 02.48 -0.2
eSg 00 16.28
GRG 0.91 205 ePg 00 03.62 -0.1
eSg 00 15.96
SOH 1.02 160 ePg 00 05.76 0.1
eSg 00 21.76
THE 1.15 177 ePb 00 08.24 0.4
eSb 00 23.56
RZN 1.36 93 iP 00 12.00 0.4
OUR 1.66 150 ePb 00 16.12 0.5
S.D. = 0.4 on 9 of 9 obs.

* OCT 10, 1992 13h 19m 42.67±0.89s
57.810 N ± 9.3km 156.199 W ± 10.3km
DEPTH = 10.0km (geophysicist)
ALASKA PENINSULA (12)
ML 3.9 (AEIC), 3.6 (PMR).

MCNL 1.69 35 eP 20 10.68 -1.7
eS 20 34.28
CDD 1.75 49 eP 20 12.12 -1.2

KDC 1.99 90 eP 20 15.42 -1.2
eS 20 41.32
AUI 2.11 42 eP 20 19.34 0.9
AUW 2.12 41 eP 20 18.97 0.4
AUH 2.12 42 eP 20 17.91 -0.8
AUP 2.13 42 eP 20 20.00 1.2
SYI 2.17 67 eP 20 19.52 0.2
PDB 2.24 27 eP 20 19.01 -1.4
OPT 2.41 39 eP 20 22.92 0.1
RS1 3.20 32 eP 20 33.98 -0.1
RS2 3.20 32 eP 20 34.17 0.0
RSO 3.20 32 eP 20 34.79 0.7
RDW 3.20 32 eP 20 33.76 -0.4
SVW 3.32 5 eP 20 35.63 -0.1
DFR 3.32 31 P 20 39.20 3.4X
RDT 3.39 34 eP 20 36.70 0.0
SDN 3.43 226 eP 20 37.43 0.2
CKL 3.93 28 eP 20 43.65 -0.7
BGL 3.97 28 eP 20 41.87 -3.1X
SPU 3.99 30 eP 20 43.65 -1.5X
CRP 4.03 29 eP 20 45.26 -0.6
SLKM 4.10 46 eP 20 46.75 0.1
TTA 5.14 1 ePn 21 07.19 5.7X
PMR 5.21 40 eP 21 04.77 2.3
KLU 6.38 50 eP 21 16.79 -2.3X
TOA 6.62 45 e(P) 21 24.60 2.1
BALM 7.77 60 (P) 21 40.13 1.6X
FBA 8.17 26 eP 21 42.77 -1.3X
IMA 8.37 7 e(P) 21 53.80 6.8X
S.D. = 1.1 on 22 of 30 obs.

% OCT 10, 1992 13h 39m 00.84±1.34s
17.321 N ± 8.1km 100.085 W ± 13.9km
DEPTH = 10.0km (geophysicist)
GUERRERO, MEXICO (59)

ACX 0.50 154 iPd 39 10.77 -0.2
iS 39 18.16
UNM 2.18 23 eP 39 37.00 -0.9
(S) 40 09.00
PPM 2.22 38 iP 39 39.99 1.2
(S) 40 16.97
IIT 2.39 45 iP 39 39.43 -1.5
(S) 40 17.00
MRX 2.59 336 iP 39 43.84 0.3
(S) 40 17.88
IISM 3.06 57 iP 39 50.80 0.6
OXX 3.22 94 iP 39 53.00 0.3
(S) 40 41.21
S.D. = 1.1 on 7 of 7 obs.

& OCT 10, 1992 13h 45m 00.81s
63.250 N 151.045 W
DEPTH = 12.2km
CENTRAL ALASKA (1)
<AEIC> ML 2.7 (AEIC).

TRF 0.40 59 iP 45 08.63 -0.5
eS 45 15.41
HUR 0.70 112 eP 45 14.21 -0.2
eS 45 24.84
RND 1.00 80 eP 45 19.37 -0.3
eS 45 33.63
MCK 1.06 62 eP 45 20.55 -0.1
eS 45 35.89
SKT 1.29 190 eP 45 23.51 -1.1
eS 45 40.56
NEA 1.59 32 iP 45 28.74 -0.1
eS 45 49.89
GHO 1.78 145 eP 45 31.13 -0.5
S 45 55.22
WRH 1.79 46 eP 45 32.48 0.8
S 45 56.74
SUA 1.80 175 eP 45 32.05 0.1
S 45 56.47
PLRM 1.89 151 eP 45 32.68 -0.4
SML 1.92 138 eP 45 32.85 -0.7
NCG 1.92 196 eP 45 32.43 -1.3
CGLM 2.00 193 eP 45 33.72 -1.1
S 46 00.02
CCB 2.00 44 eP 45 32.76 -2.0
CRP 2.06 195 eP 45 34.52 -1.2
S 46 01.57
BGL 2.09 198 eP 45 35.40 -0.8
eS 46 03.89
CKN 2.10 195 eP 45 35.96 -0.3
SPU 2.13 193 eP 45 35.58 -1.1

CKL 2.15 197 eP 45 36.52 -0.5
 HDA 2.15 56 eP 45 36.22 -0.7
 FBA 2.19 39 eP 45 36.42 -1.0
 KNK 2.20 146 eP 45 38.10 0.4
 BKG 2.26 195 eP 45 38.90 0.3
 TTA 2.28 264 eP 45 39.04 0.1
 RDT 2.76 194 eP 45 44.58 -1.1
 KLU 2.97 124 eP 45 48.58 0.0
 SVW 3.04 227 eP 45 50.00 0.5
 VLZ 3.07 132 eP 45 50.53 0.7

28 obs. associated

OCT 10, 1992 15h 10m 50.07±0.66s
 10.167 S ± 3.9km 161.171 E ± 4.1km
 DEPTH = 111.3 ± 6.1 km
 5.0mb (33 obs.)

SOLOMON ISLANDS (193)

CENTROID, MOMENT TENSOR (HRV)

Date Used: GDSN

L.P.B.: 26S, 35C

Centroid Location:

Origin Time 15:10:54.4 0.5

Lat 9.67S 0.07 Lon 161.43E 0.05

Dep 99.0 2.7 Half-duration 1.0

Moment Tensor: Scale 10¹⁶ Nm

Mrr=-4.15 0.25 Mtt=1.22 0.46

Mff=2.93 0.45 Mrt=-2.90 0.29

Mrf=2.44 0.28 Mtf=2.56 0.35

Principal Axes:

T Val=4.79 Plg=3 Azm=304

N 1.78 32 212

P -6.56 58 38

Best Double Couple: Ma=5.7*10¹⁶

NP1: Strike=63 Dip=51 Slip=-46

NP2: 186 56 -130

HNR 1.41 301 eP 11 17.00 0.8
 SVO 1.68 307 eP 11 20.50 1.0
 BKM 10.13 138 iPc 13 11.40 -2.6
 DZM 12.87 158 iPc 13 49.40 -0.8
 PMG 13.83 272 eP 14 07.00 4.4X
 CTA 17.44 234 iPd 14 50.50 2.6
 1.0s 40.00nm 4.6mb
 Z 23s 3.41um 4.5MsZ

MNDI 17.79 282 eP 14 50.40 -2.0
 BRS 18.87 204 iP 15 03.00 -1.5
 RMO 20.03 214 eP 15 17.20 0.7
 0.4s 11.00nm 4.6mb

ARMA 22.03 202 eP 15 38.10 1.5
 1.0s 19.00nm 4.4mb
 OIS 23.19 241 eP 15 50.00 2.1
 CMS 25.54 212 eP 16 10.40 0.3
 0.5s 5.00nm 4.3mb

WB2 27.62 246 iPc 16 29.00 -0.2
 0.3s 5.30nm 4.6mb
 WRA 27.63 246 P 16 27.89 -1.4
 ASPA 29.27 239 eP 16 42.60 -1.4
 0.9s 8.10nm 4.4mb
 Z 21s 0.90um 4.4MsZ

TOO 30.73 205 eP 16 57.00 0.3
 KNA 32.04 257 eP 17 08.00 -0.3
 WARB 36.32 239 eP 17 44.50 -0.4
 1.0s 18.10nm 4.6mb

MBL 41.16 250 eP 18 25.00 -0.2
 COOL 42.46 235 eP 18 36.00 0.2
 MEEK 43.34 242 eP 18 43.00 0.0
 NANU 45.32 248 eP 18 59.00 0.2
 BAL 46.00 237 eP 19 03.50 -0.6
 MRWA 46.22 239 iPc 19 05.90 0.0
 MUN 46.81 235 eP 19 10.50 0.0
 PMO 49.86 101 iP 19 33.70 -0.5
 1.3s 55.00nm 5.3mb

VAH 50.11 101 iP 19 35.50 -0.6
 1.3s 35.00nm 5.2mb
 TPT 50.12 101 iP 19 37.40 1.2
 1.3s 40.00nm 5.2mb

RUV 50.35 101 iP 19 37.40 -0.5

CHJJ 1.3s 35.00nm 5.2mb
 MAT 50.50 337 P 19 38.70 -0.1
 51.24 336 eP 19 43.00 -1.4
 0.9s 15.13nm 5.0mb
 MTMJ 51.44 336 P 19 45.10 -0.9
 NIJJ 51.54 337 P 19 46.90 0.3
 YAMJ 51.99 339 eP 19 50.50 0.5
 OFUJ 52.25 341 eP 19 51.70 -0.2
 NJ2 58.29 318 Pc 20 35.00 -0.5
 MDJ 61.56 335 eP 20 57.50 -0.2
 1.1s 17.00nm 5.0mb

TIA 62.02 320 eP 20 59.50 -1.4
 CN2 62.76 332 Pd 21 05.20 -0.4
 0.8s 20.00nm 5.1mb
 ADK 64.68 15 eP 21 18.40 0.4
 0.7s 45.40nm 5.5mb

BJI 65.03 323 eP 21 20.50 0.0
 TIY 65.91 319 eP 21 26.00 -0.3
 Z 22s 0.48um 4.7MsZ
 XAN 66.25 314 P 21 27.80 -0.7
 0.8s 14.00nm 4.9mb

HHC 68.30 322 P 21 41.20 -0.2
 1.4s 25.00nm 4.9mb
 CD2 68.53 309 eP 21 43.60 0.8
 0.7s 20.00nm 5.1mb

BTO 69.11 321 eP 21 46.00 -0.3
 LZH 70.87 314 eP 21 58.00 0.8
 2.0s 34.00nm 4.8mb
 Z 30s 0.24um 4.3MsZ

SDN 72.71 22 eP 22 06.40 -1.0
 GTA 75.24 315 eP 22 23.00 0.3
 1.0s 23.00nm 4.9mb
 YAK 76.02 345 iPc 22 25.60 -0.8
 1.0s 106.00nm 5.6mb

KDC 77.50 23 eP 22 35.20 0.6
 SVW 78.74 20 eP 22 41.13 -0.4
 0.8s 135.31nm 5.8mb
 SPA 79.90 180 ePd 22 47.90 0.1
 0.7s 19.53nm 5.0mb

TTA 79.95 18 iPd 22 48.04 0.0
 0.8s 8.52nm 4.6mb
 BGL 79.96 21 eP 22 47.01 -1.1
 0.6s 16.20nm 5.0mb

SLKM 80.23 22 iPd 22 48.86 -0.6
 PMR 81.34 22 iPc 22 54.69 -0.5
 Z 20s 0.17um 4.4MsZ
 KLU 82.47 23 iP 23 01.20 0.0

TOA 82.75 22 eP 23 03.40 0.8
 IMA 82.93 17 iP 23 03.41 -0.1
 1.3s 14.90nm 4.7mb
 BALM 83.60 24 iPd 23 06.88 -0.2

MAW 83.83 202 P 23 09.00 1.1
 FBA 83.95 19 eP 23 07.10 -1.4
 0.7s 25.16nm 5.2mb
 CMB 87.24 51 eP 23 25.67 0.2
 0.6s 4.72nm 4.7mb

ISA 88.14 53 iP 23 29.89 0.1
 1.6s 44.56nm 5.3mb
 GMW 88.17 41 eP 23 29.97 0.3
 MCW 88.48 40 eP 23 30.95 -0.1

PEC 88.78 55 eP 23 33.11 0.2
 1.0s 9.60nm 4.8mb
 RMW 88.79 41 eP 23 32.53 -0.1
 BONR 88.82 51 eP 23 33.62 0.3

PLM 88.90 56 eP 23 33.47 -0.2
 KVN 89.23 50 eP 23 35.17 0.1
 GSC 89.38 54 eP 23 35.87 0.1
 TPNV 90.18 53 eP 23 39.80 0.3
 0.6s 12.98nm 5.2mb

GLA 90.50 57 eP 23 41.87 0.9
 DPW 91.24 42 eP 23 43.82 -0.2
 ARUT 92.54 52 eP 23 52.31 2.0
 MSU 93.65 52 iPc 23 56.50 1.0

HVU 93.77 48 eP 23 56.55 0.6
 PTI 94.25 47 (P) 23 59.58 1.5
 LRM 94.70 44 eP 24 00.50 0.3
 EMUT 94.91 51 (P) 24 03.40 2.1

SRU 95.02 51 (P) 24 01.36 -0.4

YKA 96.28 28 eP 24 05.40 -1.3
 0.7s 5.40nm 5.2mb
 SES 96.34 40 eP 24 08.00 0.7
 ALQ 97.67 56 eP 24 14.16 0.3
 0.8s 3.75nm 5.0mb
 GOL 99.05 51 P 24 30.00 9.9X
 Z 19s 0.20um 4.6MsZ
 RSSD 100.42 47 ePd diff 24 27.79 1.6
 0.6s 2.63nm 5.0mb

CEH 119.93 54 PKP 29 40.00 10.7X
 Z 21s 0.12um 4.5MsZ
 BUL 124.44 237 iPKPd 29 38.00 -0.7
 0.9s 8.40nm

ZOBO 124.59 118 PKP 29 38.00 -1.6
 GEC2 132.84 331 PKP 29 53.30 -0.5
 0.8s 1.07nm

ECR1 144.67 339 iPKPc 30 14.80 -0.7
 EROO 145.05 334 ePKP 30 16.00 -0.1
 ETOR 146.06 337 iPKPc 30 18.60 0.7
 STS 146.19 346 ePKP 30 19.50 1.6
 EVIA 148.10 335 ePKP 30 25.00 3.7X

EALH 148.29 333 ePKP 30 24.00 2.5X
 ENIJ 149.38 333 ePKP 30 28.90 5.7X
 PDCR 149.75 138 ePKP 30 27.20 2.9X
 EVAL 150.61 340 ePKP 30 31.00 6.0X
 EPRU 150.62 337 ePKP 30 31.00 5.9X

S.D. = 0.9 on 93 of 102 obs.

OCT 10, 1992 15h 40m 56.25±0.50s
 42.819 N ± 4.3km 108.242 W ± 5.1km
 DEPTH = 5.0km (geophysicist)

WYOMING (460)

ML 4.0 (GS), 4.0 (BUT), Felt
 (III) at Hudson and Lander.

8W06 0.97 268 iPd 41 15.00 -0.3
 PTI 3.04 272 eP 41 46.42 0.4
 0.8s 42.30.85

HHA1 3.07 280 ePnc 41 45.08 -1.4
 DAU 3.30 224 iPnc 41 50.54 0.6
 RSSD 3.33 66 ePc 41 50.33 0.1
 MEMT 3.41 326 ePnc 41 50.00 -1.3
 HVU 3.52 254 ePnc 41 52.69 -0.2

EMUT 3.57 214 ePnc 41 54.56 0.8
 BGMT 3.65 313 ePnc 41 56.70 1.9
 GOL 3.79 144 ePnc 41 57.44 0.5
 GLD 3.82 142 eP 42 08.00 10.8X

MCMT 3.89 303 ePnc 41 59.80 1.5
 SXM 3.95 329 ePnc 41 58.90 -0.1
 LCCM 3.99 320 ePnc 41 59.80 0.3
 SRU 4.09 206 ePnc 42 01.20 0.2

LRM 4.26 316 ePnc 42 05.40 2.0X
 DUG 4.32 234 ePnc 42 03.40 -0.8
 HBMT 4.32 315 ePnc 42 05.50 1.2
 BUT 4.45 317 ePnc 42 19.60 13.5X

PV10 4.48 188 iPnc 42 09.00 2.4X
 HRY 4.66 328 ePnc 42 07.40 -1.6
 MSU 5.24 216 ePnc 42 16.34 -1.0
 ARUT 6.41 220 ePnc 42 33.45 -0.3

SES 7.82 347 P 42 59.00 5.6X
 0.6s 12.00nm 5.3mb X
 ALO 7.99 169 (P) 42 57.53 1.6
 TNP 8.32 238 ePnc 42 59.33 -1.3

KVN 8.36 247 eP 43 01.53 0.4
 TPNV 8.50 229 eP 43 03.08 0.0
 BONR 9.08 241 eP 43 11.34 0.1
 ULM 11.29 45 eP 43 38.50 -2.8X

UYO 13.81 124 iPc 44 13.50 -1.5

S.D. = 1.0 on 25 of 31 obs.

OCT 10, 1992 17h 54m 52.20s
 37.993 N 118.580 W

DEPTH = 8.0km

CALIFORNIA-NEVADA BORDER REGION (40)

<BRK>. ML 4.1 (BRK), 4.1 (GS).
 Felt (III) at Benton,
 California.

BONR 0.22 100 iPc 54 56.50 -0.5
 MEMM 0.43 221 iPd 55 00.39 -0.6
 TNP 1.08 85 iPc 55 11.96 -0.9
 KVN 1.12 19 iPd 55 12.57 -1.0
 FRI 1.34 222 iPd 55 16.66 -0.5

CMB 1.43 272 iPc 55 17.41 -1.0

10d 17h

TPNV	2.13	119	iS	55	36.04	
ISA	2.33	178	ePc	55	27.75	-0.9
			eP	55	32.12	0.7
			eLg	56	04.03	
LLA	2.33	235	iPc	55	31.57	0.1
			eS	56	02.40	
ARN	2.43	256	eP	55	32.31	-0.6
			eLg	56	06.71	
PRI	2.49	223	iPc	55	34.54	0.8
SAO	2.59	243	iP	55	34.90	-0.2
			eS	56	12.16	
PHAM	2.60	215	eP	55	36.54	1.3
ORV	2.76	305	iPc	55	37.01	-0.6
			iS	56	13.67	
PRS	2.78	234	iPc	55	37.30	-0.5
GCC	2.88	252	iPc	55	38.52	-0.7
			eS	56	20.87	
8KS	2.89	269	eP	55	38.93	-0.5
ZSP	2.91	270	eP	55	38.11	-1.5
			eS	56	19.53	
GSC	3.04	151	iPnd	55	40.87	-0.7
			ePg	55	48.23	
BCH	3.05	204	ePd	55	41.40	-0.3
PCC	3.05	262	eP	55	37.30	-4.3
ABL	3.18	190	ePn	55	44.32	0.7
NTYM	3.24	278	eP	55	43.63	-0.7
MIN	3.32	316	eP	55	45.54	-0.1
SSK	3.84	169	eP	55	52.08	-1.0
WDC	4.01	311	eP	55	54.66	-0.6
ARUT	4.07	91	(P)	55	54.42	-1.8
PEC	4.25	164	eP	55	58.25	-0.5
PLM	4.84	163	ePn	56	06.71	-0.5
DUG	5.00	62	eP	56	08.59	-0.8
FHC	5.04	305	(P)	56	09.51	-0.4
MSU	5.07	82	(P)	56	11.49	1.0
GLA	5.80	147	(P)	56	24.21	3.5
HVU	5.85	48	(P)	56	20.41	-1.0
EMUT	6.32	71	(P)	56	30.65	2.4
SRU	6.41	77	(P)	56	24.52	-4.9
MCMT	8.07	30	ePn	56	55.30	2.6

37 obs. associated

? OCT 10, 1992 18h 33m 20.78 ± 0.85s
 33.263 N ± 13.1km 33.050 E ± 13.5km
 DEPTH = 10.0km (geophysicist)
 EASTERN MEDITERRANEAN SEA (371)
 ML 3.4 (CSS).

CSS	1.71	8	ePd	33	51.10	0.3
			eS	34	02.40	
PPCY	1.72	340	eP	33	51.00	0.1
			eS	34	01.80	
FAM	1.90	24	eP	33	57.00	3.5X
			eS	34	13.40	
BHL	2.27	73	Pg	34	12.00	13.1X
			Sg	34	36.00	
BURJ	2.53	113	Pd	34	01.58	-1.1
SALJ	2.55	119	Pc	34	02.53	-0.4
KFNJ	2.62	121	Pd	34	04.10	0.3
MASJ	2.73	123	Pd	34	05.81	0.4
MKRJ	2.78	127	Pd	34	07.02	0.8
LISJ	2.88	134	Pd	34	10.34	2.8X
YER	5.49	316	ePn	34	44.00	-0.6
CIN	5.93	318	eP	34	51.00	0.3

S.D. = 0.7 on 9 of 12 obs.

* OCT 10, 1992 18h 57m 51.52 ± 1.11s
 37.245 N ± 9.6km 20.959 E ± 7.8km
 DEPTH = 33.0km (normal)
 IONIAN SEA (399)
 ML 3.8 (ATH). MD 3.5 (THE).

VLS	0.98	343	ePb	58	09.40	0.5
VLI	1.67	108	ePb	58	19.10	0.3
AGG	2.08	31	ePn	58	26.56	1.8
			eSn	58	52.72	
ATH	2.31	71	ePb	58	32.70	4.7X
SRN	2.74	344	ePn	58	44.50	10.5X
LIT	3.09	22	ePn	58	39.14	0.0
KZN	3.12	11	ePn	58	41.50	1.9
TPE	3.13	347	ePn	59	05.00	25.3X
PAIG	3.42	38	ePn	58	43.12	-0.7
8ERA	3.54	347	ePn	59	02.30	16.8X
FNA	3.55	5	ePn	58	45.92	0.2
THE	3.73	24	ePn	58	47.08	-1.0
GRG	3.87	16	ePn	58	49.72	-0.5
SOI	3.98	283	P	58	51.40	-0.3

SOH	4.03	27	iPnd	58	52.20	-0.3
			eSn	59	36.20	
TIR	4.18	349	ePn	59	07.00	12.4X
KNT	4.19	20	ePn	58	54.50	-0.2
VAY	4.26	17	iPn	58	55.30	-0.3
SRS	4.37	27	ePn	58	56.56	-0.8
SKO	4.74	4	eP	59	02.00	-0.4

S.D. = 0.9 on 15 of 20 obs.

* OCT 10, 1992 22h 53m 13.97 ± 3.03s
 21.235 S ± 22.1km 178.916 W ± 10.2km
 DEPTH = 613.3 ± 44.4 km
 4.3mb (15 obs.)

FIJI ISLANDS REGION (181)

WCZ	15.79	200	P	56	30.40	1.1
KUZ	16.15	196	P	56	33.00	0.3
WLZ	17.24	195	P	56	43.30	0.2
URZ	17.31	191	eP	56	41.50	-2.2
MOZ	18.04	196	eP	56	51.40	0.8
MNG	19.90	193	eP	57	03.10	-4.6X
THZ	21.60	197	P	57	21.50	-1.6
LTZ	22.72	197	eP	57	29.10	-4.1X
BRZ	26.48	251	iPd	58	07.00	0.6
	0.9s		5.00nm			4.1mb
			i	58	11.00	
ARMA	27.98	245	iPc	58	20.30	0.8
	0.6s		6.00nm			4.4mb
RMO	29.98	254	iPd	58	37.10	0.6
	1.2s		59.00nm			5.1mb
			iPp	58	50.50	53kmX
CTA	32.57	266	iPd	58	58.50	0.1
	1.0s		10.00nm			4.4mb
QLP	34.03	254	iPc	59	10.80	0.4
	0.4s		26.00nm			5.2mb
PMG	34.68	285	eP	59	16.00	0.1
	0.9s		53.78nm			5.2mb
STK	36.70	245	iPd	59	33.00	0.6
	0.5s		4.50nm			4.3mb
W82	43.64	263	iPd	00	27.00	-0.9
	0.7s		4.70nm			4.1mb
WRA	43.65	263	P	00	27.20	-0.8
	0.7s		1.50nm			3.6mb
WARB	49.80	253	eP	01	13.00	-1.3
NANU	49.88	255	eP	02	27.70	0.0
	0.4s		12.00nm			4.5mb
BONR	81.88	44	eP	04	32.29	0.3
TNP	82.65	44	iP	04	36.90	1.2
	0.8s		1.32nm			3.5mb
SLKM	84.72	14	eP	04	44.06	-1.1
CRP	84.99	13	eP	04	44.93	-1.7
SRU	87.65	46	eP	05	00.05	0.3
ALO	88.53	52	eP	05	03.89	0.0
	0.5s		0.69nm			3.8mb
HHA1	88.56	42	eP	05	04.75	1.0
IMA	89.11	10	eP	05	06.40	0.6
	0.9s		0.80nm			3.6mb
FBA	89.14	13	eP	05	04.50	-1.3
	0.8s		6.72nm			4.6mb
BW06	90.09	44	eP	05	10.89	-0.1
	0.7s		1.95nm			4.2mb
NB2	139.60	352	PKP	11	26.00	-8.1X
	0.7s		2.50nm			
HFS	140.12	350	ePKP	11	27.30	-7.7X
	0.3s		1.70nm			
EKA	145.80	4	PKPc	11	46.10	1.3
	0.8s		7.40nm			
DMU	146.82	9	ePKP	11	49.30	2.8X
DCN	147.31	9	ePKP	11	50.50	3.2X
DLF	147.46	9	ePKP	11	50.80	3.3X
KSP	148.13	342	iPKP	11	53.20	4.5X
			e	11	58.20	
			e	12	33.30	
CLL	148.57	346	iPKPc	11	54.20	4.9X
	1.1s		20.00nm			
BRG	148.74	344	iPKPc	11	55.00	5.4X
	1.1s		16.00nm			
PRU	149.39	343	PKPc	11	56.50	5.9X
MOX	149.50	347	iPKP	11	56.20	5.4X
	1.4s		13.00nm			
KHC	150.43	343	ePKP	11	59.00	6.7X
			e	12	08.20	
GRF	150.48	347	iPKPd	11	59.10	6.8X
			e	12	08.40	
GEC2	150.66	343	PKP	11	59.00	6.3X
	0.7s		4.56nm			

S.D. = 1.0 on 28 of 43 obs.

OCT 10, 1992 23h 45m 12.58 ± 0.23s
 23.251 S ± 4.1km 179.202 E ± 5.9km
 DEPTH = 560.3km (3 depth phases)
 4.9mb (18 obs.)

SOUTH OF FIJI ISLANDS (171)

DZM	11.84	273	iPc	47	49.60	-0.4
			iS	50	06.00	
AFI	12.62	44	eP	47	51.00	-6.9X
OUZ	12.89	201	P	48	04.00	3.7X
WCZ	13.33	197	P	48	08.40	3.6X
KUZ	13.78	192	eP	48	11.20	1.9
HBZ	14.32	183	eP	48	14.30	-0.3
WLZ	14.90	191	P	48	22.50	2.2
URZ	15.07	186	eP	48	18.60	-3.3X
			eS	50	54.50	
PATZ	15.29	189	P	48	25.30	1.0
NOZ	15.35	183	eP	48	24.50	-0.2
MOZ	15.66	193	eP	48	30.10	2.3
PAHZ	15.67	186	eP	48	26.90	-1.0
MAHZ	15.93	184	eP	48	30.50	0.1
MOH	15.93	186	eP	48	30.60	0.2
NGZ	16.17	190	eP	48	32.00	-0.9
WAHZ	16.57	188	P	48	35.70	-1.0
NRZ	16.65	194	eP	48	41.50	4.1X
BSZ	16.89	191	eP	48	39.40	-0.3
PGZ	17.49	187	eP	48	41.40	-4.1X
KIW	17.93	191	eP	48	49.60	-0.1
DIW	18.06	193	P	48	51.20	0.2
CAW	18.14	190	eP	48	51.60	-0.2
MRW	18.32	191	eP	48	52.90	-0.5
			eS	51	51.50	
BLW	18.33	189	eP	48	52.30	-1.3
TCW	18.38	192	eP	48	53.90	-0.1
QRZ	18.40	196	P	48	56.30	2.1
			eS	51	54.60	
MOW	18.42	189	eP	48	54.00	-0.4
THZ	19.20	194	eP	49	01.50	-0.3
DSZ	19.45	197	P	49	05.20	1.0
KHZ	19.69	193	P	49	05.20	-1.0
			S	52	12.20	
LTZ	20.31	195	P	49	10.90	-1.2
			S	52	22.40	
MOZ	21.11	193	eP	49	18.10	-1.1
LMZ	22.00	200	P	49	27.40	0.1
BWZ	22.56	198	P	49	31.60	-0.8
			eS	52	59.30	
ODZ	22.84	196	eP	49	33.90	-1.0
LRCZ	23.20	198	P	49	37.70	-0.7
MMCZ	23.21	198	P	49	37.60	-0.8
MSCZ	23.21	198	P	49	37.80	-0.5
MHZ	23.22	198	P	49	37.80	-0.7
SBCZ	23.24	198	P	49	37.60	-1.0
LSCZ	23.24	198	P	49	37.70	-1.0
MSZ	23.28	201	P	49	41.40	2.5
CMCZ	23.30	198	P	49	38.10	-1.1
TLC	23.40	198	P	49	39.50	-0.6
TUZ	23.94	197	P	49	45.00	0.1
BRS	24.22	255	iPd	49	48.00	0.4
	0.9s	11.00nm				4.5mb
ARMA	25.58	248	iPc	50	00.90	1.3
	0.7s	46.00nm				5.2mb
			e	52	24.10	
RMO	27.78	257	iPc	50	19.80	1.0
	0.3s	25.00nm				5.3mb
			i	50	33.50	56kmX
			i	50	51.80	
			iPcP	52	43.10	
			i	53	17.60	
			eS	54	26.10	
CNB	28.56	238	iPd	50	27.00	1.4
	0.8s	116.00nm				5.6mb
CAN	28.84	239	iPc	50	29.00	1.0
BWA	29.07	241	iPc	50	28.60	-1.3
CMS	30.66	247	iPc	50	43.90	0.4
	0.8s	84.00nm				5.4mb
			iPcP	50	47.80	
CTA	30.74	270	iPc	50	04.20	-0.1
	0.6s	46.67nm				5.3mb
			i	53	07.00	
			i	53	24.00	
			e	55	08.00	
			i	56	18.00	
			e	58	09.00	
QLP	31.83	257	iPc	50	53.80	0.4
	0.7s	242.00nm				5.9mbX

T	32.19	236	iPc	50	57.80	1.4	WIT	149.94	351	ePKP	04	01.00	6.0X	MSU	11.28	358	eP	58	25.78	-0.8						
	0.3s	49.00nm			5.6mb		CLL	150.02	343	iPKPd	04	00.30	5.1X	TNP	11.77	338	eP	58	33.90	0.7						
STK	34.29	247	iPc	51	15.10	1.1		1.0s	78.00nm					SRU	11.92	5	eP	58	34.95	-0.3						
	0.4s	12.20nm			4.9mb						06	09.00		BONR	12.04	335	eP	58	36.55	-0.4						
QIS	36.76	266	eP	51	33.60	-0.9	BRG	150.14	341	ePKP	03	54.80	-0.6	MEMM	12.05	332	(P)	58	37.61	0.9						
ASPA	41.42	260	iPc	52	11.90	-0.3		1.5s	38.00nm					EMUT	12.60	3	eP	58	45.05	0.6						
	0.8s	24.30nm			4.8mb						04	00.60		KVN	12.94	337	eP	58	48.93	0.1						
		ePcP		53	56.40						04	07.00		ARN	13.04	323	(P)	58	48.63	-1.5						
		e		54	35.20						06	12.00		HVU	14.56	357	(P)	59	11.91	1.7						
		iScP		56	57.40		ETA	150.31	7	ePKP	03	55.10	-0.5	PTI	15.64	358	(P)	59	25.99	1.8						
		eS		57	46.20		PSZ	150.37	331	ePKP	04	01.00	5.0X	BW06	15.64	6	(P)	59	24.60	0.2						
WB2	41.71	266	iPc	52	13.50	-1.0	ECB	150.57	7	ePKP	03	53.30	-2.7X	UYO	16.43	61	iPd	59	44.00	9.8X						
	0.2s	15.20nm			5.2mb		WTS	150.71	350	iPKPd	04	02.00	5.8X	RSSD	18.00	18	eP	59	52.48	-1.6						
WRA	41.72	266	P	52	13.80	-0.8		0.8s	75.00nm						0.9s	4.41nm			3.6mb							
	0.8s	2.40nm			3.8mb X						06	14.50		LRM	18.59	359	eP	00	08.10	6.7Y						
WARB	47.57	255	eP	52	58.80	-1.0	PRU	150.73	340	iPKPd	04	02.00	5.7X	FVM	20.91	54	(P)	00	27.64	0.5						
DHH	49.60	29	eP	53	10.56	-4.2X		0.8s	15.30nm						1.1s	13.73nm			4.2mb							
MBL	54.67	260	eP	53	50.00	-1.4					06	08.00		LON	21.05	341	eP	00	29.41	0.8						
NANU	58.21	257	eP	54	15.20	-0.5					06	14.50		DPW	21.23	348	eP	00	30.98	0.6						
	0.4s	15.00nm			4.7mb		ECP	150.80	7	ePKP	03	52.10	-4.2X	NEW	21.43	350	eP	00	30.50	-1.9						
SPA	66.89	180	iPd	55	13.30	2.3	MOX	150.99	344	iPKP	04	02.50	5.8X		0.9s	16.23nm			4.4mb							
	1.0s	99.00nm			5.3mb			1.3s	35.00nm					SES	23.16	1	eP	00	50.00	0.4						
MAW	78.10	201	iPd	56	16.00	1.4					06	16.00		S.D. = 1.1 on 21 of 26 obs.												
	1.0s	42.00nm			4.8mb		SRO	151.13	333	iPKPd	04	02.80	5.8X	* OCT 11, 1992 01h 03m 28.76±2.18s												
PLM	82.91	49	eP	56	40.10	-0.1	ZST	151.32	335	ePKP	04	03.80	6.5X	0.954 N ±12.4km 128.722 E ±15.8km												
ISA	83.11	47	iPd	56	40.86	-0.1	KHC	151.79	340	ePKP	03	56.50	-1.5	DEPTH = 98.8 ±20.6 km												
	0.8s	7.36nm			4.3mb			1.0s	8.90nm					4.9mb (10 obs.)												
ORV	83.45	42	iPd	56	42.24	-0.2					04	04.50		HALMAHERA, INDONESIA (267)												
GLA	84.18	50	iPc	56	46.71	0.4					06	11.50		MNI	3.91	277	eP	04	28.00	0.2						
BONR	84.53	45	iP	56	48.25	0.0	GRF	151.97	343	iPKPd	04	05.10	6.9X	AAI	4.64	187	ePd	04	39.00	1.2						
		(pP)		58	49.46	558km	GEC2	152.00	339	PKP	03	59.40	1.0	MKS	11.09	236	iPc	06	03.00	-2.0						
TNP	85.31	45	eP	56	52.70	0.9		0.8s	0.57nm					TRT	18.20	242	ePd	07	26.50	-10.1X						
	0.8s	1.76nm			3.8mb X		SNF	152.50	353	PKP	04	03.20	4.4X	WB2	21.49	165	iPd	08	09.70	-1.3						
TUC	86.71	53	iPd	56	59.15	0.6	DOU	152.87	352	PKP	04	06.80	7.4X		1.0s	5.00nm			3.8mb X							
	1.2s	8.23nm			4.3mb		WLF	153.08	350	PKP	04	08.00	8.4X	QIS	23.89	154	iPd	08	34.50	0.1						
GMW	87.63	35	iPc	57	02.42	0.0	WTTA	154.04	340	iPKPd	04	08.90	7.6X	CTA	27.07	142	iP	09	06.00	2.0						
RMW	88.10	36	iPd	57	04.31	-0.4		0.4s	5.80nm						eS			13	54.00							
HVU	90.18	44	iP	57	14.46	0.0	LIC	162.59	166	PKP	04	11.90	0.1	RMO	33.43	146	eP	10	02.00	1.7						
ALO	91.14	52	iPd	57	18.78	-0.3		1.0s	18.50nm						1.0s	16.00nm			4.8mb							
	0.9s	3.76nm			4.4mb		KIC	162.78	167	PKP	04	12.04	0.0	CHTO	34.17	303	eP	10	07.80	1.0						
FBA	91.49	13	eP	57	18.89	-0.9		0.9s	18.00nm					KMI	34.74	316	eP	10	12.50	0.7						
	1.0s	6.50nm			4.6mb						05	05.00			1.5s	30.00nm			5.0mb							
BW06	92.74	44	eP	57	25.60	-0.8	TIC	163.00	166	PKP	04	12.26	0.0	STK	34.86	161	eP	10	11.90	-0.5						
	0.7s	1.07nm			4.0mb			0.9s	15.50nm						0.8s	4.00nm			4.4mb							
		(pP)		59	28.29	556km	S.D. = 1.0 on 93 of 131 obs.																			
LMN	124.23	49	ePKP	03	10.00	0.9	% OCT 11, 1992 00h 49m 19.71±0.94s																			
PDCR	128.31	129	(PKP)	03	16.00	-1.8	33.105 S ±10.0km 70.341 W ±15.0km																			
KAF	137.00	342	iPKP	03	32.20	-0.7	DEPTH = 90.0km (geophysicist)																			
	0.3s	4.90nm					CHILE-ARGENTINA BORDER REGION (127)																			
NUR	138.77	341	ePKP	03	34.50	-1.7	MD 3.3 (SAN).																			
	0.3s	3.00nm					FCH	0.23	169	iPd	49	33.24	-0.3	XAN	37.78	333	P	10	36.10	-0.9						
NB2	141.33	351	PKP	03	34.30	-6.5X									1.2s	12.00nm			4.7mb							
	0.5s	4.20nm					PEL	0.29	262	iP	49	33.80	0.5	CD2	38.04	324	eP	10	38.60	-0.7						
HFS	141.77	348	ePKP	03	34.70	-6.8X								ARMA	38.07	147	iPc	10	39.10	-0.5						
	0.4s	3.90nm					JACH	0.47	333	iPd	49	34.34	-0.2		1.0s	44.00nm			5.3mb							
SVST	144.16	306	ePKP	03	46.50	0.0								TIY	39.54	340	eP	10	51.00	-0.7						
TRHT	144.56	308	ePKP	03	46.90	-0.2	PCH	0.53	196	iPd	49	35.22	0.2	Z	16s	0.52um			4.5MsZ							
BHL	146.43	297	PKP	03	53.00	2.7X								BJI	40.55	345	eP	10	55.00	-4.8X						
HRI	146.45	296	iPKPd	03	51.80	1.4	ROCH	0.58	283	iP+	49	35.65	0.1		Z	20s	0.30um		4.1MsZ							
EDU	146.70	2	ePKPc	03	51.00	1.1										eS		17	06.00							
	0.7s	40.00nm					TACH	0.74	222	iP+	49	37.01	0.1	LZH	41.89	329	eP	11	10.50	-0.6						
ELO	146.75	3	ePKP	03	51.20	1.2									1.5s	67.00nm			5.2mb							
EAB	147.00	4	ePKPc	03	51.50	1.1	CHCH	0.87	197	eP	49	38.57	0.3	Z	18s	0.29um			4.2MsZ							
	0.7s	21.00nm														eP		11	20.50	9.4X						
ZNT	147.17	294	iPKPd	03	53.70	2.2X								HHC	42.65	341	eP	11	16.80	-0.4						
BVTK	147.20	308	ePKP	03	54.50	3.1X	LCCH	1.09	250	iP	49	41.06	0.3		0.8s	12.00nm			4.8mb							
DBR	147.25	311	ePKP	03	53.70	2.3X	LNV	1.23	226	eP	49	41.55	-0.9	LSA	45.76	312	iPd	11	44.00	1.3						
ESY	147.35	2	ePKPc	03	52.50	1.5								GTA	46.48	329	Pc	11	47.00	-0.9						
	1.0s	33.00nm													1.0s	19.00nm			4.9mb							
EAU	147.39	3	ePKP	03	53.30	2.3X								GUN	48.97	307	P	12	07.70	0.0						
SGKT	147.44	310	ePKP	03	54.50	2.6X								PKI	49.20	306	P	12	09.58	0.1						
EBL	147.48	2	ePKP	03	53.00	1.8	S.D. = 0.5 on 9 of 9 obs.													KKN	49.39	307	P	12	11.38	0.5
RMN	147.68	291	iPKPd	03	54.90	2.4X	* OCT 11, 1992 00h 55m 42.09±2.57s													DMN	49.46	306	P	12	12.06	0.7
EKA	147.91	3	PKPd	03	54.30	2.4X	27.206 N ±24.5km 111.782 W ±9.8km													GKN	50.00	307	P	12	15.74	0.3
	0.5s	10.10nm					DEPTH = 10.0km (geophysicist)													HYB	51.95	291	eP	12	31.20	1.1
CSS	148.13	299	ePKP	03	56.00	3.1X	4.2mb (3 obs.)													WMO	56.12	325	P	13	00.00	-0.3
PPCY	148.94	299	ePKP	03	57.60	3.5X	GULF OF CALIFORNIA (49)													IMA	84.11	24	(P)	15	58.76	9.0X
DMU	149.05	7	ePKP	03	57.40	3.7X	TUC	5.16	9	ePn	56	56.41	-4.9X	S.D. = 1.1 on 26 of 30 obs.												
SPC	149.25	333	ePKP	03	59.40	5.0X	GLA	6.40	336	ePn	57	13.78	-4.9X	& OCT 11, 1992 01h 11m 18.10s												
KSP	149.42	339	ePKP	03	53.80	-0.6	PLM	7.54	326	(P)	57	32.24	-2.6X	60.975 N 138.397 W												
		id		03	59.20		ALO	8.96	29	(P)	57	54.12	-0.6X	DEPTH = 10.0km (geophysicist)												
		e		06	09.90		ISA	10.18	328	eP	58	10.86	-0.5	SOUTHERN YUKON TERRITORY, CANADA (18)												
DCN	149.55	8	ePKP	03	58.50	4.1X	ARUT	10.64	353	eP	58	16.72	-1.1	<PGC-P>. ML 4.4 (PGC), 3.9												
DLF	149.69	7	ePKP	03	58.80	4.2X	BCH	10.66	320	eP	58	18.36	0.3	(PMR), 3.6 (AEIC). Felt at												
WME	149.78	4	ePKP	03	53.60	-1.2								Silver City.												

11d 01h

HYT	0.46	109	Pg	11	25.10	-2.4
BCPM	1.19	211	iP	11	37.95	-2.4
			eS	11	53.43	
PCA	1.27	227	iP	11	39.34	-2.5
			S	11	57.70	
PNL	1.40	201	iP	11	41.66	-2.0
			eS	11	59.34	
CTGM	1.43	271	eP	11	42.49	-1.8
			S	12	02.30	
HQN	1.55	189	eP	11	43.44	-2.3
			eS	12	02.89	
YKU	1.57	206	P	11	46.50	0.4
YAH	1.76	251	iP	11	47.62	-1.4
			iS	12	10.06	
BALM	1.92	274	eP	11	50.59	-0.7
WRG	2.03	244	eP	11	53.28	0.5
TGL	2.18	266	eP	11	54.54	-0.5
CYK	2.21	248	eP	11	56.05	0.7
			eS	12	25.73	
WAX	2.25	258	eP	11	55.52	-0.5
CROM	2.33	267	eP	11	56.52	-0.7
			S	12	27.90	
SNH	2.33	252	eP	11	57.37	0.2
			eS	12	26.97	
GLB	2.66	282	eP	12	02.57	0.7
HMT	2.96	260	eP	12	04.76	-1.2
DWY	3.13	352	Pn	12	07.30	-1.0
			Sg	12	55.50	
RAGM	3.14	262	eP	12	07.42	-1.2
KAIM	3.16	253	eP	12	09.42	0.6
SGAM	3.38	265	eP	12	10.74	-1.2
KLU	3.67	281	eP	12	15.50	-0.7
SDG	3.74	298	eP	12	15.56	-1.5
VLZ	3.86	276	eP	12	17.57	-1.2
TOA	3.89	290	P	12	19.60	0.3
VZW	3.97	275	eP	12	19.12	-1.3
SIT	4.24	157	eP	12	30.14	6.1
			eS	13	24.28	
GLI	4.25	273	P	12	24.20	0.0
KNIM	4.64	266	P	12	28.60	-1.2
TCBC	4.75	127	Pn	12	30.00	-1.5
			Sg	13	45.00	
GHO	5.13	284	P	12	36.50	-0.3
PMR	5.21	281	eP	12	42.70	4.8
HDA	5.23	315	P	12	37.70	-0.5
PMS	5.42	278	P	12	40.00	-0.9
FBA	5.82	317	eP	12	49.10	2.6
SLKM	5.82	271	ePn	12	44.17	-2.3
IMA	8.51	313	eP	13	24.60	0.2

37 obs. associated

% OCT 11, 1992 02h 03m 25.63±0.76s
34.302 S ± 9.4km 147.326 E ± 7.8km
DEPTH = 10.0km (geophysicist)
4.1mb (1 obs.)

NEW SOUTH WALES, AUSTRALIA (601)
ML 3.9 (RIV).

BWA	0.91	98	iPd	03	46.30	3.2
CAN	1.71	127	iPc	03	54.60	-1.1
CNB	1.96	122	iPc	03	57.90	-1.4
			eS	04	22.00	
CMS	3.08	335	eP	04	16.70	1.5
			eS	04	28.00	
RIV	3.22	83	iPd	04	16.30	-0.8
			i	04	30.60	
			eS	05	00.20	
TOO	3.59	204	iPd	04	23.20	0.7
			i	04	40.30	
			i	04	47.20	
			iS	05	03.30	
BFD	4.83	232	eP	04	40.20	0.1
			eS	05	34.50	
ARMA	5.31	44	eP	04	46.00	-1.0
			eS	05	56.20	
RMQ	7.88	9	eP	05	34.70	11.6X
	0.6s		37.00nm			
			eS	06	51.00	
			e	07	26.00	

ASPA 15.80 309 eP 07 08.90 -0.9
0.3s 4.00nm 4.1mb
WB2 18.35 318 eP 07 41.70 -0.2
0.6s 0.60nm 2.9mb X

S.D. = 1.6 on 10 of 11 obs.

% OCT 11, 1992 02h 16m 44.98±0.84s
42.745 N ± 5.9km 13.027 E ± 9.9km

DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

ASS	0.42	321	P	16	53.40	-0.2
			eSg	16	59.50	
MNS	0.44	216	P	16	53.90	-0.1
			eSg	17	00.40	
AQU	0.48	144	P	16	54.80	0.1
			eSg	17	02.00	
ARV	0.76	355	P	16	59.60	-0.2
			eSg	17	10.90	
CRE	1.18	319	P	17	07.50	0.4
	S.D. = 0.3	on	5 of	5	obs.	

? OCT 11, 1992 02h 29m 31.38±1.81s
41.251 S ± 10.8km 172.686 E ± 8.6km
DEPTH = 182.8 ± 16.7 km

SOUTH ISLAND, NEW ZEALAND (162)

QRZ	0.44	344	Pc	29	56.40	0.3
			S	30	11.30	
THZ	0.54	162	P	29	56.50	-0.1
			S	30	11.30	
DSZ	0.83	233	Pd	29	58.10	-0.4
DIW	1.04	65	P	30	00.00	0.0
TCW	1.20	89	P	30	01.40	0.2
KHZ	1.33	152	Pc	30	02.40	0.1
			S	30	21.40	
MRW	1.52	90	Pc	30	04.10	0.0
			S	30	25.40	
LTZ	1.56	191	P	30	04.60	0.1
			S	30	24.80	
WEL	1.57	92	P	30	04.60	0.1
KIW	1.73	78	Pc	30	06.50	0.4
CAW	1.80	86	P	30	07.00	0.1
MOW	1.94	96	P	30	08.30	-0.1
BLW	2.10	94	P	30	10.20	0.1
MTW	2.13	88	P	30	10.20	-0.2
MNG	2.21	74	Pc	30	10.80	-0.5
			S	30	38.70	
MOZ	2.46	181	P	30	13.80	-0.3
			S	30	41.20	
ODZ	4.08	201	P	30	34.40	0.3
	S.D. = 0.3	on	17 of	17	obs.	

& OCT 11, 1992 03h 57m 54.23s
35.995 N 117.872 W
DEPTH = 3.0km
CENTRAL CALIFORNIA (39)
<PAS>P>. ML 3.0 (PAS).

ISA	0.59	236	eP	58	05.35	-0.7
			eS	58	12.53	
GSC	1.11	128	eP	58	14.85	-0.9
			eS	58	31.82	
ABL	1.59	224	eP	58	22.52	-1.0
TPNV	1.62	53	eP	58	23.33	-0.6
SSK	1.79	175	eP	58	25.42	-1.0
PKEM	1.81	273	eP	58	27.73	1.1
MEMM	1.88	333	eP	58	28.90	1.5
			eLg	58	53.89	
BCH	1.98	246	eP	58	28.65	-0.4
BONR	1.99	350	ePn	58	29.71	0.3
PHAM	2.06	266	eP	58	30.72	0.6
			eS	59	00.14	
TNP	2.15	14	ePn	58	31.98	0.3
PEC	2.18	164	eP	58	30.73	-1.2
PLM	2.76	162	ePn	58	39.17	-1.3
			iPg	58	45.39	
CMB	2.86	316	ePn	58	42.27	0.6
			eS	59	20.39	
ARN	3.24	296	ePn	58	46.86	-0.1
GLA	3.86	139	ePn	59	01.21	5.3
ORV	4.57	322	eP	59	15.30	9.4
			eS	00	13.73	
MSU	5.19	59	ePn	59	14.60	-0.4
			ePg	59	32.34	

18 obs. associated

* OCT 11, 1992 05h 26m 52.95±1.02s
19.090 S ± 13.6km 167.654 E ± 19.9km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)

VANUATU ISLANDS REGION (185)

PVC	1.48	25	iPd	27	18.00	0.5
			iS	27	35.40	

BKM	1.52	22	iPc	27	17.70	-0.4
			iS	27	35.00	
DZM	3.18	201	iPc	27	41.90	0.1
			iS	28	18.40	
BRS	15.97	236	eP	30	42.00	5.2X
CTA	20.19	264	iPc	31	28.30	0.6
	0.9s		6.30nm			4.0mb
STK	26.67	236	eP	32	39.30	8.4X
	0.7s		4.00nm			4.1mb
WRA	31.38	263	P	33	23.40	10.2X
	1.0s		0.20nm			
ASPA	31.71	256	eP	33	15.40	-0.7
	1.2s		3.80nm			4.1mb
CDF	146.71	336	ePKP	46	34.60	3.2X
	0.9s		11.30nm			
BSF	147.37	336	ePKP	46	36.40	3.9X
	1.0s		3.40nm			
HAU	147.40	336	ePKP	46	36.70	4.3X
	0.8s		5.50nm			
LOR	148.93	338	ePKP	46	40.70	5.9X
	0.7s		4.85nm			
LBF	149.13	338	ePKP	46	41.40	6.2X
SSF	149.23	339	ePKP	46	41.60	6.3X
	0.9s		9.15nm			
LPL	149.27	333	ePKP	46	42.00	6.3X
	0.8s		2.30nm			
LPG	149.27	333	ePKP	46	42.20	6.4X
	0.9s		2.80nm			
BGF	149.89	339	ePKP	46	43.10	6.8X
	1.0s		8.80nm			
MAF	150.28	339	ePKP	46	44.30	7.4X
	0.4s		3.20nm			
TCF	150.34	339	ePKP	46	44.40	7.4X
	0.9s		7.20nm			
LSF	150.59	340	ePKP	46	44.50	7.1X
	S.D. = 0.8	on	5 of	20	obs.	

OCT 11, 1992 07h 27m 52.98±0.54s
51.669 N ± 11.8km 178.134 E ± 5.8km
DEPTH = 75.4km (4 depth phases)
4.0mb (9 obs.)

RAT ISLANDS, ALEUTIAN ISLANDS (6)

SMY	2.70	295	ePc	28	34.55	-0.4
			eLg	29	06.13	
ADK	3.23	84	iPc	28	42.92	0.7
			eLg	29	20.12	
SDN	13.22	65	eP	30	57.35	-1.4
SVW	17.21	47	eP	31	52.26	2.6
	0.7s		9.36nm			4.1mb
TTA	17.80	41	eP	31	57.18	0.3
	1.0s		6.02nm			3.8mb
BGL	18.74	48	eP	32	09.37	1.1
CRP	18.85	48	eP	32	09.94	0.4
SPU	18.87	48	eP	32	10.39	0.7
SLKM	19.57	51	eP	32	15.66	-1.5
IMA	20.24	34	eP	32	22.39	-1.7
	0.8s		4.09nm			3.8mb
FBA	21.92	40	eP	32	40.74	-0.2
	0.6s		2.90nm			3.9mb
BALM	23.47	51	eP	32	56.14	0.0
NEW	40.57	68	eP	35	25.50	-0.7
	0.7s		6.40nm			4.6mb
BONR	45.70	81	eP	36	08.76	0.5
			epP	36	27.20	75km
DUG	47.66	75	eP	36	23.73	0.3
	0.5s		1.80nm			4.3mb
			epP	36	42.89	78km
BW06	48.03	71	eP	36	25.39	-1.0
	0.9s		1.69nm			4.0mb
GSC	48.33	83	eP	36	28.67	0.1
			epP	36	47.20	74km
PLM	49.58	85	eP	36	38.08	-0.3
SRU	49.72	75	eP	36	39.46	0.1
			(pP)	36	58.27	75km
GOL	52.41	71	eP	36	59.03	-0.8
	0.8s		2.07nm			4.2mb
GUN	69.96	290	P	38	58.46	0.0
KKN	70.40	290	P	39	01.18	0.2
PKI	70.49	290	P	39	11.60	9.9X
GKN	70.62	291	P	39	02.10	-0.2
DMN	70.64	290	P	39	03.08	0.6
WRA	80.93	221	P	40	00.90	0.7
	0.5s		0.20nm			3.3mb

S.D. = 1.0 on 25 of 26 obs.

15.262 N \pm 13.3km 91.293 W \pm 10.3km
DEPTH = 21.4km (2 depth phases)
4.5mb (4 obs.)

MEXICO-GUATEMALA BORDER REGION (62)

TPX 1.00 249 iPc 39 55.01 -1.0
iS 40 01.80
SCX 1.95 319 eP 40 20.68 10.8X
iS 40 47.04
OXX 5.52 290 iP 41 01.85 1.0
iS 41 51.00
IISM 6.90 303 iP 41 19.09 -0.9
IIT 7.68 300 (P) 41 32.80 1.6
PPM 7.96 299 iP 41 38.82 3.4X
ACX 8.39 282 (P) 41 30.00 -10.9X
UNM 8.55 299 (P) 41 44.50 1.1
MRX 10.43 296 iP 42 09.50 0.6
UYO 19.04 352 iPd 44 05.50 4.7X
MIAR 19.31 354 eP 44 08.31 4.2X
0.9s 19.51nm 4.4mb

OLY 20.16 360 (P) 44 14.35 23km
SGS 20.35 27 (P) 44 22.58 7.3X
GBTN 21.29 16 (P) 44 29.95 5.0X
LHS 21.34 24 (P) 44 30.05 4.6X
pP 44 35.69 21km
ELC 22.01 4 ePd 44 38.99 6.8X
ALO 23.87 328 ePc 44 52.09 1.5
0.8s 5.45nm 4.1mb

TUC 24.55 317 eP 44 56.51 -0.6
MSU 29.58 325 ePc 45 43.61 0.1
ARUT 29.79 323 eP 45 45.52 0.3
DAU 30.50 329 ePc 45 52.24 0.5
BONR 32.86 319 eP 46 12.11 -0.3
e 46 28.57 68kmX

MCW 42.18 329 ePc 47 30.06 -0.2
SIV 43.07 135 eP 47 40.00 2.1
PDCR 58.56 115 eP 49 36.10 0.8
FBA 62.37 336 eP 49 58.60 -2.0
0.8s 3.71nm 4.6mb

TTA 65.09 333 eP 50 16.46 -2.2
1.3s 7.39nm 4.7mb
WRA 136.35 257 PKP 58 57.80 -2.4
0.8s 0.10nm
GBA 149.23 22 PKP 59 27.00 4.4X
S.D. = 1.4 on 18 of 29 obs.

% OCT 11, 1992 08h 17m 24.18 \pm 0.92s
40.622 N \pm 8.5km 22.048 E \pm 6.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

GRG 0.43 39 ePg 17 32.30 -0.6
eSg 17 39.00
FNA 0.54 288 ePg 17 35.02 0.0
LIT 0.62 147 ePg 17 36.70 0.0
eSg 17 46.94
THE 0.70 89 ePg 17 37.69 -0.3
KNT 0.84 50 ePg 17 41.30 0.9
eSg 17 52.80

S.D. = 0.8 on 5 of 5 obs.

? OCT 11, 1992 08h 45m 07.26 \pm 4.23s
16.914 N \pm 14.3km 60.767 W \pm 37.5km
DEPTH = 33.0km (normol)
LEEWARD ISLANDS (92)
MD 3.1 (TRN).

DEG 0.66 205 eP 45 19.50 -0.7
BPA 1.05 277 eP 45 24.87 -0.9
eS 45 36.63
DOG 1.20 223 eP 45 28.33 0.5
PAG 1.24 225 eP 45 29.00 0.6
S 45 47.30
CPB 1.24 306 eP 45 28.62 0.2
eS 45 43.24
MGH 1.40 262 eP 45 30.00 -0.7
NEV 1.74 278 eP 45 36.46 0.8
eS 45 56.17

S.D. = 0.9 on 7 of 7 obs.

% OCT 11, 1992 09h 51m 57.08 \pm 1.72s
33.287 S \pm 6.8km 70.846 W \pm 7.6km
DEPTH = 59.3 \pm 22.6 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.3 (SAN).

PEL 0.20 43 iP 52 06.49 -0.1
iS 52 13.77
ROCH 0.34 336 iPd 52 07.85 0.0
iS 52 15.64
TACH 0.37 192 iP+ 52 07.91 0.1
iS 52 15.60
PCH 0.43 140 iP 52 08.37 -0.1
iS 52 17.03
FCH 0.47 95 iP+ 52 09.32 0.2
iS 52 18.15
LCCH 0.63 253 eP 52 10.85 0.3
iS 52 20.34
JACH 0.64 19 iP+ 52 10.68 -0.1
iS 52 20.87
CHCH 0.66 166 iP+ 52 11.09 0.1
iS 52 21.18
LNV 0.82 215 iP 52 12.51 -0.3
iS 52 23.89

S.D. = 0.2 on 9 of 9 obs.

% OCT 11, 1992 10h 18m 45.08 \pm 2.41s
61.745 N \pm 21.7km 5.476 E \pm 8.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 2.1 (BER).

FOO 0.25 235 eP 18 50.41 0.0
eSg 18 57.44
HYA 0.67 149 iPc 18 58.33 -0.1
iSg 19 11.39
SUE 0.77 207 eP 19 00.00 -0.1
eSg 19 14.00
EGD 1.48 185 eP 19 12.00 0.2
eSg 19 36.00
NRA0 3.10 106 Pn 19 34.93 0.0
Pg 19 37.93
Sg 20 14.13

S.D. = 0.2 on 5 of 5 obs.

* OCT 11, 1992 10h 28m 58.93 \pm 1.75s
43.000 N \pm 9.2km 0.187 E \pm 16.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.8 (LDG).

EPF 0.12 74 Pg 29 02.00 0.1
Sg 29 03.50
ENSF 0.22 151 Pg 29 04.08 0.3
SALF 0.77 108 Pg 29 13.63 -0.5
GRBF 1.00 99 Pg 29 18.03 0.0
LPO 1.83 23 Pg 29 33.00 2.3
Sg 29 56.60

LFF 1.98 11 Pg 29 35.70 2.9X
Sg 30 01.40
CAF 2.35 35 Pn 29 37.60 -0.7
Pg 29 42.40
Sg 30 13.60
RJF 2.49 22 Pn 29 39.30 -0.9
Pg 29 44.80
Sg 30 16.20

LSF 3.39 16 Pg 30 01.10 8.2X
Sg 30 44.60
TCF 3.59 23 Pg 30 05.00 9.2X
Sg 30 52.80
MFF 3.61 356 Pn 29 55.40 -0.6
Pg 30 05.40
Sg 30 50.30

BGF 4.03 27 Pg 30 13.20 11.2X
Sg 31 05.80
S.D. = 1.2 on 8 of 12 obs.

* OCT 11, 1992 10h 39m 23.31 \pm 1.26s
2.906 S \pm 18.7km 142.183 E \pm 12.6km
DEPTH = 32.4 \pm 8.7 km
4.1mb (4 obs.)

NEAR N COAST OF NEW GUINEA, PNG. (200)

JAY 1.53 285 iPc 39 49.00 0.3
iS 40 12.20
e 41 27.50
WWKK 1.60 116 eP 39 48.90 -0.9
MNDI 3.55 156 eP 40 19.00 1.3
eS 41 10.00
WB2 18.58 204 iPc 43 38.40 -1.6
0.3s 5.20nm 4.2mb
eS 47 06.10
ASPA 22.14 201 eP 44 14.30 -3.7X

1.7s 4.10nm 3.6mb
RMQ 24.28 166 eP 44 40.30 1.4
0.8s 10.00nm 4.4mb
BRS 26.37 158 iPd 45 00.00 2.2X
0.9s 3.00nm 3.9mb
WARB 27.54 211 eP 45 08.00 -1.3
DZM 30.30 131 iPc 45 32.30 -1.9
BWA 31.89 170 eP 45 50.30 2.3X
CAN 32.87 170 iPd 45 58.10 1.6
CNCB 144.35 124 PKP 59 00.00 0.4
ZOB0 144.49 123 PKP 59 00.20 0.3
SIV 150.31 130 ePKP 59 15.00 6.5X
S.D. = 1.6 on 10 of 14 obs.

? OCT 11, 1992 10h 41m 48.80 \pm 4.60s
36.543 N \pm 32.2km 1.781 W \pm 18.6km
DEPTH = 10.0km (geophysicist)
WESTERN MEDITERRANEAN SEA (387)
mbLg 3.1 (MDD).

ENIJ 0.55 321 iPg 41 59.80 -0.1
eSg 42 08.00
EALH 1.34 12 ePn 42 13.30 -0.2
eSn 42 30.50
ECOG 1.61 298 iPn 42 17.30 -0.1
eSn 42 39.00
EVIA 2.17 345 ePn 42 26.00 0.4
eSn 42 52.00

S.D. = 0.5 on 4 of 4 obs.

% OCT 11, 1992 11h 08m 20.75 \pm 1.79s
37.963 N \pm 13.7km 0.643 W \pm 16.4km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 3.1 (MDD). Felt (IV) in the
Torrevieja area.

ACU 0.58 18 iPg 08 31.81 -0.7
eSg 08 40.30
EALH 0.62 261 iPg 08 32.70 -0.6
eSg 08 40.20
EHUE 1.55 265 ePn 08 48.39 -0.1
eSn 08 08.70
ENIJ 1.59 232 ePn 08 49.28 0.3
EVIA 1.61 295 iPnd 08 49.41 0.0
eSn 08 09.00
ECHE 1.65 351 ePn 08 50.75 0.9
eSn 09 11.10
ECOG 2.42 254 ePn 09 01.30 0.2
TOL 3.27 307 ePb 09 30.00 16.8X
ePg 09 34.00
iSg 10 02.50

S.D. = 0.7 on 7 of 8 obs.

? OCT 11, 1992 11h 13m 43.42 \pm 0.89s
20.531 S \pm 45.6km 178.489 W \pm 25.4km
DEPTH = 550.0km (geophysicist)
4.3mb (6 obs.)

FIJI ISLANDS REGION (181)

DZM 14.13 261 iPd 16 44.90 0.9
BRS 27.09 250 iPc 18 43.00 -1.2
RMQ 30.56 252 iPd 19 14.70 0.5
0.6s 4.00nm 4.2mb
CTA 33.03 264 P 19 36.00 1.0
CMS 33.74 244 iPd 19 40.30 -0.5
0.6s 5.00nm 4.3mb
QLP 34.61 253 eP 19 47.90 -0.3
STK 37.37 244 eP 20 10.60 -0.2
0.5s 3.40nm 4.2mb

ASPA 44.07 257 iPd 21 03.90 -0.7
0.7s 6.30nm 4.3mb
ePP 22 36.50
eS 26 54.80
PLM 79.51 49 eP 24 55.13 0.5
BONR 81.09 44 iPd 25 02.51 -0.4
BGL 84.17 12 (P) 25 13.05 -4.5X
RMW 84.65 35 eP 25 19.76 -0.3
SRU 86.87 46 iPc 25 31.19 0.1
FBA 88.37 13 iPd 25 35.94 -1.3
0.9s 7.21nm 4.5mb
BW06 89.31 43 iP 25 41.90 -0.5
0.6s 1.63nm 4.1mb
SES 92.17 36 eP 25 55.00 -0.1
HFS 139.50 351 ePKP 31 59.80 -9.6X
0.4s 1.70nm
MUD 143.67 353 iPKPc 32 15.00 -1.8

11d 11h

DMU	146.07	9 ePKP	32 22.00	1.1
DCN	146.55	10 ePKP	32 23.20	1.5
DLF	146.71	9 ePKP	32 23.60	1.7
KSP	147.58	342 iPKP	32 26.30	2.8X
		e	32 30.80	
CLL	147.98	346 iPKPd	32 27.10	3.1X
	0.9s	16.00nm		
BRG	148.17	345 iPKP	32 27.60	3.2X
	0.7s	10.00nm		
PRU	148.84	344 ePKP	32 29.70	4.3X
MOX	148.91	348 iPKP	32 30.00	4.5X
	1.5s	11.00nm		
KHC	149.87	344 ePKP	32 32.00	4.9X
		i	32 40.50	
GRF	149.89	347 ePKP	32 33.20	6.2X
		e	32 41.00	
GEC2	150.10	344 PKP	32 32.50	5.0X
	0.6s	2.48nm		
GEC2	150.10	344 PKP	32 33.80	6.3X

S.D. = 1.0 on 19 of 30 obs.

% OCT 11, 1992 11h 59m 32.71 ± 2.94s
 17.977 N ± 19.3km 76.498 W ± 21.9km
 DEPTH = 10.0km (geophysicist)
 JAMAICA REGION (86)
 MD 2.7 (HOJ).

YHJ	0.08	177 iPd	59 35.22	0.0
		iS	59 36.84	
HOJ	0.24	276 iPd	59 37.86	0.0
		iS	59 41.23	
GWJ	0.25	293 iPd	59 38.22	0.2
		iS	59 41.93	
STH	0.32	289 iPd	59 39.11	-0.2
		iS	59 43.82	
PCJ	0.68	250 Pd	59 46.24	0.0
		S	59 58.04	

S.D. = 0.2 on 5 of 5 obs.

? OCT 11, 1992 12h 12m 51.57 ± 4.88s
 17.595 N ± 41.1km 61.908 W ± 12.4km
 DEPTH = 26.1 ± 9.5 km
 LEEWARD ISLANDS (92)
 ML 2.5 (FDF).

BPA	0.55	175 eP	13 02.57	0.0
		S	13 10.70	
NEV	0.78	234 eP	13 06.50	0.0
		S	13 15.80	
MGH	0.92	199 eP	13 08.56	-0.2
		S	13 20.30	
SEG	1.25	162 eP	13 13.37	0.0
SFG	1.50	153 eP	13 17.30	0.3
DEG	1.51	147 eP	13 16.90	-0.3
		S	13 35.80	
PAG	1.57	172 eP	13 18.20	0.1
		S	13 37.30	

S.D. = 0.3 on 7 of 7 obs.

? OCT 11, 1992 12h 30m 53.05 ± 1.26s
 17.551 N ± 13.0km 61.885 W ± 17.5km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 MD 3.3 (TRN).

CPB	0.10	32 eP	30 58.87	0.0
		eS	31 06.00	
BPA	0.50	177 eP	31 03.50	-0.2
		eS	31 10.56	
NEV	0.77	238 eP	31 07.35	-0.2
		eS	31 16.72	
MGH	0.89	201 eP	31 09.53	0.4
		eS	31 19.42	

S.D. = 0.5 on 4 of 4 obs.

& OCT 11, 1992 12h 38m 12.46s
 34.944 N 116.798 W
 DEPTH = 2.8km
 4.0mb (1 obs.)
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 4.5 (PAS), 4.5
 (BRK), 4.2 (GS). Felt (IV) at
 Apple Valley, Barstow and
 Rialto. Felt (III) at Beaumont
 and Moreno Valley.

GSC	0.36	359 iPd	38 19.48	-0.1
SSK	1.04	226 iPd	38 31.71	-1.2
PEC	1.09	196 iPd	38 32.65	-1.0
ISA	1.55	298 eP	38 39.40	-1.7
PLM	1.59	182 iPd	38 40.69	-1.1
ABL	1.99	268 ePn	38 45.52	-2.2
GLA	2.50	138 iPd	38 51.32	-3.4
BCH	2.71	276 eP	38 55.45	-2.3
PKEM	2.92	293 eP	38 59.75	-1.0
PHAM	3.07	288 eP	39 01.12	-1.8
FRI	3.12	312 iPd	39 02.14	-1.4
		eS	39 47.55	
TNP	3.15	354 iPd	39 02.62	-1.5
MEMM	3.22	328 ePn	39 04.30	-0.6
BONR	3.24	338 iPd	39 04.38	-1.1
PRI	3.37	292 iPd	39 04.57	-2.7
LLA	3.76	298 iPd	39 10.91	-1.8
ARUT	3.92	43 iPd	39 13.62	-1.5
PRS	3.97	292 eP	39 12.52	-3.1
SAO	4.19	297 eP	39 16.62	-2.1
CMB	4.23	318 eP	39 18.33	-0.9
KVN	4.23	346 eP	39 17.54	-1.9
ARN	4.52	303 eP	39 21.38	-2.1
GCC	4.70	298 eP	39 22.37	-3.6
MSU	5.15	45 ePd	39 31.04	-1.5
PCC	5.18	301 eP	39 30.19	-2.6
BKS	5.27	305 eP	39 31.81	-2.3
ZSP	5.32	306 iPd	39 33.17	-1.6
NTYM	5.83	308 eP	39 39.95	-2.0
ORV	5.94	322 eP	39 45.45	2.0
DUG	6.12	30 eP	39 46.21	0.0
SRU	6.52	49 eP	39 51.94	0.1
MIN	6.60	326 eP	39 55.68	2.7
EMUT	6.80	43 eP	39 56.06	0.1
DAU	7.01	37 eP	39 59.28	0.5
HVU	7.52	24 eP	40 05.31	-0.5
ALQ	8.49	87 eP	40 16.27	-3.2
VGB	10.99	345 (P)	40 53.31	-0.3
LRM	11.36	16 eP	41 04.40	5.5
SES	16.00	13 eP	42 03.00	2.9
FVM	21.40	74 eP	43 02.84	-0.7
	0.7s	5.36nm		4.0mb

40 obs. associated

% OCT 11, 1992 12h 44m 58.18 ± 1.72s
 61.432 N ± 8.7km 4.837 E ± 18.2km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.8 (BER).

FOO	0.19	31 iPd	45 02.44	0.0
		eSg	45 05.97	
SUE	0.38	186 eP	45 06.60	0.7
		eS	45 12.00	
		eSg	45 14.00	
HYA	0.70	112 iPd	45 12.70	0.6
		iSg	45 23.52	
EGD	1.18	171 eP	45 20.00	-0.2
		eSg	45 35.40	
ODD1	1.76	149 eP	45 27.80	-1.2
		eS	45 49.87	
NRA0	3.33	99 Pn	45 47.50	-3.8X
		Pg	45 54.31	
		Lg	46 43.52	

S.D. = 1.1 on 5 of 6 obs.

? OCT 11, 1992 13h 14m 44.89 ± 1.06s
 24.284 S ± 34.2km 179.242 W ± 20.7km
 DEPTH = 500.0km (geophysicist)
 4.6mb (9 obs.)

SOUTH OF FIJI ISLANDS (171)				
DZM	13.35	277 iPd	17 41.10	2.4
BRS	25.35	257 eP	19 32.00	-1.1
RMQ	28.96	259 iPd	20 06.30	1.6
	1.1s	32.00nm		4.8mb
		e	20 20.00	
CTA	32.17	271 iPd	20 31.80	-0.4
	0.7s	23.97nm		4.8mb
TOO	32.83	238 eP	20 41.60	4.0X
	0.6s	12.00nm		4.6mb
OLP	32.99	258 iPd	20 39.80	0.7
	0.3s	17.00nm		5.1mb
STK	35.23	249 eP	20 59.40	1.6
	0.5s	4.60nm		4.3mb
WB2	43.06	266 iPd	22 00.00	-1.4
	0.4s	13.30nm		4.8mb

WRA	43.07	266 P	21 59.80	-1.7
	0.7s	2.40nm		3.8mb
WARB	48.69	256 iPd	22 44.30	-0.5
COOL	52.72	249 eP	23 14.00	-0.3
KLB	55.48	247 eP	23 34.00	0.2
MBL	55.90	260 eP	23 35.20	-1.6
	0.4s	9.00nm		4.5mb
BAL	56.53	248 eP	23 40.50	-0.6
MUN	56.72	247 eP	23 43.00	0.7
MRWA	57.40	250 eP	23 47.20	0.1
	0.5s	10.00nm		4.4mb
NANU	59.37	257 eP	24 00.30	-0.2
RMW	88.11	35 eP	26 42.87	0.3
TTA	88.85	10 (P)	26 44.34	-1.3
SRU	89.96	46 iPd	26 52.66	1.3
HFS	143.05	349 ePKP	33 16.40	-5.7X
	0.4s	1.30nm		

S.D. = 1.3 on 19 of 21 obs.

? OCT 11, 1992 14h 00m 50.02 ± 1.09s
 30.837 S ± 10.8km 117.065 E ± 13.9km
 DEPTH = 10.0km (geophysicist)
 WESTERN AUSTRALIA (590)

BAL	0.38	307 eP	00 57.70	-0.2
		eS	01 02.40	
KLB	0.96	142 eP	01 08.20	-0.1
		eS	01 20.00	
MUN	1.35	213 eP	01 15.00	0.1
		eS	01 32.50	
MRWA	1.86	330 eP	01 22.40	0.2
		eS	01 46.00	

S.D. = 0.3 on 4 of 4 obs.

& OCT 11, 1992 14h 16m 33.86s
 35.003 N 116.951 W
 DEPTH = 5.5km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 2.9 (PAS), 2.6 (GS).

GSC	0.32	22 iPd	16 40.01	-0.4
SSK	1.00	218 iPd	16 52.09	-1.3
		eLg	17 05.97	
PEC	1.12	189 iPd	16 54.23	-1.1
ISA	1.41	298 ePd	16 58.50	-1.7
PLM	1.65	177 eP	17 02.39	-1.3
		eLg	17 25.49	
ABL	1.87	266 eP	17 07.67	0.7
BCH	2.58	275 (P)	17 17.76	0.8
GLA	2.63	137 ePn	17 15.35	-2.3
		ePg	17 21.80	
TNP	3.08	356 (P)	17 24.07	-0.1
MEMM	3.10	329 (P)	17 23.08	-1.2
BONR	3.14	340 (Pn)	17 28.89	3.7
ARUT	3.97	45 (P)	17 38.07	1.3
MSU	5.19	46 (Pn)	17 57.24	3.0

13 obs. associated

OCT 11, 1992 14h 50m 07.22 ± 0.53s
 27.621 N ± 6.5km 111.453 W ± 4.2km
 DEPTH = 10.0km (geophysicist)
 4.7mb (12 obs.) 4.8msz (1 obs.)
 GULF OF CALIFORNIA (49)

GLA	6.15	333 ePd	51 36.13	-4.2X
PLM	7.38	322 eP	51 55.18	-2.5X
PEC	7.95	323 eP	52 02.04	-3.5X
ALO	8.46	29 eP	52 12.14	-0.7
SSK	8.48	322 (P)	52 11.66	-1.5
GSC	8.91	331 eP	52 17.01	-2.1
ABL	9.80	319 eP	52 29.96	-1.5
ISA	10.00	325 ePd	52 32.51	-1.5
ARUT	10.28	351 eP	52 37.09	-0.8
BCH	10.54	318 eP	52 41.72	0.2
MSU	10.88	357 eP	52 46.61	0.4
PHAM	11.18	319 eP	52 49.97	-0.1
SRU	11.49	4 eP	52 55.80	1.3
TNP	11.50	337 eP	52 53.49	-1.2
PRI	11.55	320 iPd	52 55.11	-0.1
FRI	11.66	325 iPd	52 57.28	0.7
BONR	11.80	333 eP	52 59.54	0.7
MEMM	11.83	330 eP	53 00.62	1.7
LLA	12.04	321 iPd	53 02.47	0.7
PRS	12.09	318 iPd	53 01.52	-0.9
EMUT	12.17	2 eP	53 04.71	0.9
DUG	12.59	355 eP	53 09.92	0.6
KVN	12.68	336 eP	53 12.30	1.8

DAU	12.76	1	eP	53	13.15	1.4
CMB	12.81	326	ePd	53	13.00	0.9
Z	19s	8.00um	eS	55	42.00	
			eLR	56	57.00	
ARN	12.89	321	eP	53	13.45	0.2
GCC	12.93	319	iPc	53	13.62	-0.1
GOL	13.06	21	eP	53	15.09	-0.6
	1.2s	13.77nm			5.0mb X	
BKS	13.66	321	eP	53	23.00	-0.3
Z	19s	4.40um	eS	56	35.00	
			eLR	57	19.00	
HVU	14.17	356	eP	53	31.00	0.8
FNO	14.20	54	e(P)	53	30.70	0.3
NTYM	14.26	322	eP	53	31.65	0.5
ORV	14.54	328	(P)	53	35.76	0.9
MIN	15.21	329	iPc	53	47.15	3.3X
SIO	15.21	54	eP	53	42.70	-1.0
			e	53	48.30	
PTI	15.23	357	eP	53	46.71	2.6
VVO	15.45	56	eP	53	45.30	-1.4
			e	53	52.60	
HHA	15.66	357	(P)	53	52.38	2.8X
TUL	15.66	54	eP	53	48.90	-0.6
	1.0s	18.90nm			4.3mb	
Z	18s	5.83um	e	57	11.00	4.5Msz
			LR	58	00.00	
			Lg	58	28.60	
WDC	15.84	328	eP	53	52.66	0.9
	1.4s	53.55nm			4.5mb	
UYO	15.97	62	iPd	53	52.30	-1.3
RLO	16.33	54	eP	53	57.00	-1.2
			i	54	01.80	
FHC	16.72	325	eP	54	05.94	2.9X
	1.5s	393.60nm			5.3mb	
RSSD	17.51	18	eP	54	13.72	0.5
	0.9s	15.46nm			4.1mb	
LRM	18.18	358	eP	54	23.30	1.7
OLY	18.73	60	eP	54	27.68	-0.4
VGB	19.34	340	eP	54	34.27	-1.3
SHW	20.41	338	(P)	54	48.80	1.7
FVM	20.43	54	ePc	54	47.09	-0.2
	1.0s	41.67nm			4.7mb	
LON	20.77	340	eP	54	51.17	0.4
DPW	20.89	347	eP	54	50.90	-1.1
BMW	20.99	337	eP	54	52.50	-0.6
ELC	21.04	57	eP	54	52.88	-0.7
RMW	21.40	340	eP	54	56.67	-0.6
GMW	21.78	339	eP	55	00.01	-1.0
SES	22.75	1	eP	55	11.00	0.4
MCW	22.80	340	eP	55	10.83	-0.3
PGC	22.96	339	eP	55	13.50	0.9
JFWS	22.98	43	(P)	55	13.61	0.7
	0.7s	25.01nm			4.9mb	
GBTN	24.48	64	eP	55	28.48	0.9
ULM	25.54	24	ePc	55	43.00	5.5X
PRM	25.74	68	eP	55	40.24	0.7
LHS	27.06	68	eP	55	52.48	0.8
NAV	27.51	62	eP	55	55.71	-0.2
CEH	28.63	65	eP	56	05.64	-0.2
	0.9s	9.23nm			4.6mb	
TBR	33.30	56	eP	56	47.01	-0.1
RSNY	33.94	50	ePc	56	52.95	0.3
	1.0s	15.10nm			4.9mb	
JAO	37.01	35	eP	57	19.00	0.4
PMR	42.20	334	eP	58	01.01	-0.4
	1.7s	71.69nm			5.1mb	
HON	42.63	272	P	58	10.00	4.4X
Z	20s	1.20um			4.8Msz	
SPU	43.13	333	eP	58	08.51	-0.7
FBA	43.78	339	eP	58	14.11	-0.3
	1.3s	10.31nm			4.5mb	
SVW	44.58	331	eP	58	18.11	-2.9
	0.9s	14.64nm			4.9mb	
TTA	45.63	333	eP	58	26.40	-2.9
IMA	46.44	338	eP	58	35.90	0.1
	1.7s	26.40nm			5.0mb	
ZOBO	60.57	131	P	00	20.90	-0.3
LPB	60.76	131	P	00	22.00	-0.2
CNCB	61.04	131	P	00	26.00	1.7
SIV	65.29	125	P	00	53.00	1.2
WRA	119.91	262	PKP	09	01.60	1.5
	0.7s	0.10nm				
S.D. = 1.1 on 72 of 80 obs.						

&	OCT 11, 1992	14h	58m	55.63s	
	60.938 N		146.915 W		
	DEPTH = 19.6km				
	SOUTHERN ALASKA			(2)	
	<AEIC>. ML 2.8 (AEIC).				
GLI	0.11	236	iPd	58	59.57 -0.1
			iS	59	03.22
VZW	0.21	55	ePc	59	01.01 0.0
FID	0.28	131	iPd	59	01.58 -0.5
			S	59	06.76
VLZ	0.34	55	iPc	59	02.49 -0.5
			eS	59	08.18
HIN	0.58	159	ePd	59	06.29 -0.7
CVA	0.69	124	ePc	59	08.20 -0.7
KNIM	0.72	215	iPc	59	07.82 -1.5
KLU	0.74	40	iPc	59	08.32 -1.4
			eS	59	18.59
KNK	0.89	303	iPc	59	11.14 -1.1
			eS	59	23.43
SCM	0.92	348	ePc	59	11.40 -1.4
			S	59	24.19
SGAM	0.95	117	iPc	59	12.03 -1.2
MTU	1.02	201	eP	59	13.38 -1.1
PTE	1.03	267	ePc	59	13.08 -1.6
SML	1.11	323	iPd	59	14.60 -1.4
TOA	1.22	17	ePc	59	16.60 -1.2
RAGM	1.23	116	eP	59	16.67 -1.2
PLRM	1.26	302	ePc	59	16.67 -1.4
PMR	1.26	302	eP	59	16.12 -2.0
GHO	1.28	312	ePd	59	17.31 -1.2
MPA	1.28	251	iPc	59	17.12 -1.4
			eS	59	33.44
TZL	1.32	32	eP	59	18.30 -0.7
PMS	1.32	285	ePc	59	17.89 -1.2
HMT	1.44	114	eP	59	19.14 -1.6
SEW	1.51	237	ePc	59	20.19 -1.5
MID	1.54	169	P	59	20.70 -1.5
GLB	1.59	70	iPc	59	21.67 -1.2
PWA	1.60	298	eP	59	22.56 -0.4
KAIM	1.60	128	eP	59	20.96 -2.1
SLKM	1.68	257	ePc	59	23.09 -1.2
SDG	1.72	22	eP	59	24.21 -0.6
			eS	59	45.11
CROM	1.86	94	ePc	59	25.72 -1.2
SUA	1.93	288	ePc	59	27.27 -0.6
TGL	2.01	93	eP	59	27.62 -1.4
			S	59	52.66
WAX	2.06	102	ePc	59	27.70 -2.1
NKA	2.13	267	eP	59	31.60 1.0
PAX	2.15	18	eP	59	30.25 -0.9
			S	59	56.80
SNH	2.15	109	eP	59	30.66 -0.4
BALM	2.23	85	iPc	59	30.81 -1.5
			eS	59	57.97
SKT	2.45	297	ePc	59	34.00 -1.3
CGLM	2.50	281	eP	59	34.63 -1.4
SPU	2.51	278	ePn	59	33.68 -2.5
NCG	2.58	283	eP	59	35.66 -1.6
BKG	2.61	275	eP	59	35.72 -1.9
YAH	2.61	100	ePc	59	35.68 -2.1
CKL	2.65	278	eP	59	36.56 -1.7
BGL	2.68	279	(P)	59	37.59 -1.0
RDT	2.72	265	eP	59	36.79 -2.4
CTGM	2.72	87	ePc	59	37.78 -1.5
REF	2.88	264	ePc	59	39.40 -2.1
RS1	2.91	263	eP	59	40.06 -1.9
TRF	2.98	329	eP	59	42.33 -0.5
INE	3.17	257	eP	59	42.78 -2.8
HDA	3.48	360	eP	59	48.87 -1.0
SYI	3.62	232	eP	59	50.09 -1.8
NEA	3.79	346	eP	59	52.47 -1.7
55 obs. associated					
* OCT 11, 1992	14h	59m	22.85± 0.77s		
	38.249 N ± 6.5km		20.681 E ± 7.2km		
	DEPTH = 10.0km (geophysicist)				
GREECE				(364)	
	MD 3.5 (ATH), 3.3 (THE).				
VLS	0.10	225	iPg	59	24.80 -0.8
IGT	1.31	348	ePb	59	48.80 1.7
AGG	1.50	59	ePb	59	51.54 1.6
			eSb	00	15.66
KEK	1.62	335	ePb	59	53.00 1.6
SRN	1.71	342	ePn	59	56.90 4.1X
TPE	2.11	346	ePn	00	00.00 1.4

KZN	2.22	22	ePn	00	02.00	1.7
LIT	2.32	37	ePn	00	02.10	0.4
VLI	2.36	130	ePn	00	02.50	0.3
VLO	2.40	338	ePn	00	08.60	5.9X
ATH	2.41	96	ePn	00	03.40	0.5
FNA	2.59	12	iPn	00	05.78	0.3
			eSn	00	40.74	
GRG	3.01	26	ePn	00	10.70	-0.8
TIR	3.16	349	iPnd	00	12.00	-1.5
SOH	3.30	38	ePn	00	15.18	-0.4
OUR	3.30	50	ePn	00	15.10	-0.5
KNT	3.37	30	ePn	00	16.02	-0.6
VAY	3.40	25	iPn	00	16.30	-0.6
LACI	3.46	348	iPnd	00	17.00	-0.8
SRS	3.64	37	ePn	00	18.94	-1.5
SKO	3.76	9	ePn	00	20.60	-1.6
Z	17s		1.70um			
			LR	49	55.00	
KKS	3.83	357	ePn	00	22.50	-0.6
S.D. = 1.2 on 20 of 22 obs.						

OCT 11, 1992 15h 05m 17.34± 0.69s						
38.394 S ± 8.9km 176.024 E ± 8.5km						
DEPTH = 150.0km (geophysicist)						
NORTH ISLAND, NEW ZEALAND (159)						
UTU	0.25	32	eP	05	38.10	0.3
WLZ	0.62	327	P	05	39.50	-0.1
			S	05	57.20	
NGZ	0.85	203	eP	05	43.30	2.0
URZ	0.86	81	P	05	39.90	-1.3
			S	05	57.20	
CNZ	0.89	205	P	05	43.40	1.8
PAHZ	0.93	120	P	05	42.40	0.6
MOZ	0.97	263	Pc	05	43.20	1.1
MOH	1.15	130	eP	05	44.70	1.0
TTH	1.31	152	P	05	46.90	1.7
WAHZ	1.33	169	Pc	05	47.00	1.5
NOZ	1.59	99	P	05	47.90	-0.3
BSZ	1.64	211	P	05	50.50	1.8
MAHZ	1.65	119	eP	05	48.80	-0.1
HBZ	1.97	67	P	05	50.30	-2.1
PGZ	2.23	175	Pc	05	56.10	0.5
KIW	2.61	199	P	06	00.30	0.0
MTW	2.79	188	P	06	02.10	-0.5
CAW	2.81	195	P	06	02.60	-0.2
DIW	2.90	213	eP	06	03.70	-0.3
BLW	3.00	188	P	06	04.60	-0.6
MRW	3.01	199	P	06	04.90	-0.4
WEL	3.05	198	P	06	05.50	-0.3
MOW	3.08	191	P	06	05.50	-0.8
TCW	3.12	205	P	06	06.20	-0.6
THZ	4.13	214	eP	06	19.10	-0.9
KHZ	4.44	204	P	06	22.70	-1.4
			S	07	14.90	
LTZ	5.23	212	eP	06	32.20	-2.5
MOZ	5.89	205	P	06	39.70	-3.7X
			S	07	44.40	
ODZ	7.77	209	eP	07	05.30	-3.4X
S.D. = 1.2 on 27 of 29 obs.						

* OCT 11, 1992 15h 19m 14.60± 2.22s						
33.109 S ±12.8km 68.823 W ±19.6km						
DEPTH = 10.0km (geophysicist)						
MENDOZA PROVINCE, ARGENTINA (139)						
MD 3.7 (SAN).						
MDZ	0.23	354	iP	19	19.70	0.2
			i	19	33.00	
FCH	1.25	260	iPd	19	36.66	-1.4
PCH	1.50	250	iPd	19	41.44	-0.3
			iS	20	01.24	
JACH	1.55	285	iPd	19	41.50	-0.9
			iS	20	00.87	
PEL	1.56	268	iP+	19	41.80	-0.7
			iS	20	01.58	
ZON	1.56	5	eP	19	41.70	-0.8
			eS	20	02.70	
SAN	1.58	257	iPd	19	42.35	-0.4
CHCH	1.74	241	iPd	19	45.59	0.6
			iS	20	08.02	
ROCH	1.84	274	iPd	19	46.78	0.0
			iS	20	09.94	
TACH	1.85	252	eP	19	46.88	0.2
			iS	20	10.14	
LNV	2.32	248	iPd	19	53.57	0.2
			iS	20	24.45	

11d 15h

LCCH 2.33 260 iP 19 53.80 0.2
 IHA 2.37 271 iPd 19 56.20 2.1
 TLL 3.38 330 eP 20 09.50 0.7
 S.D. = 0.9 on 14 of 14 obs.

% OCT 11, 1992 15h 46m 39.36± 1.09s
 21.876 S ±15.4km 126.551 E ± 9.3km
 DEPTH = 10.0km (geophysicist)

WESTERN AUSTRALIA (590)

WARB 4.29 179 eP 47 47.00 0.8
 MBL 6.29 275 eP 48 15.00 0.4
 ASPA 7.01 106 eP 48 21.20 -3.5X
 WB2 7.54 77 eP 48 31.80 -0.3
 MEEK 8.65 235 eP 48 46.00 -1.6
 NANU 10.23 264 eP 49 10.00 0.6
 MRWA 12.00 230 eP 49 29.00 -4.5X
 S.D. = 1.4 on 5 of 7 obs.

% OCT 11, 1992 15h 51m 45.27± 1.43s
 40.206 N ±16.6km 28.793 E ± 5.6km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

YLV 0.57 51 ePg 51 56.80 -0.1
 BNT 0.68 283 ePg 51 59.40 0.6
 EDC 0.72 282 ePg 51 59.00 -0.5
 HRT 0.91 47 iPg 52 02.90 0.2
 CTT 0.98 344 iPg 52 03.80 -0.1
 EYL 1.10 71 ePn 52 06.00 -0.1
 S.D. = 0.5 on 6 of 6 obs.

* OCT 11, 1992 15h 59m 56.63± 0.89s
 39.520 N ± 6.7km 20.022 E ± 6.9km
 DEPTH = 11.6 ± 3.8 km
 GREECE-ALBANIA BORDER REGION (392)
 MD 3.3 (ATH), 3.0 (THE).

IGT 0.24 87 ePg 00 02.90 1.0
 KEK 0.26 318 eP 00 02.90 0.7
 SRN 0.36 357 iPg 00 03.40 -0.7
 TPE 0.77 359 ePg 00 10.50 -1.1
 VLO 1.03 337 ePn 00 18.30 2.4X
 VLS 1.41 162 eP 00 21.60 -0.6
 KZN 1.56 59 eP 00 24.00 -0.3
 FNA 1.63 39 ePbc 00 26.90 1.5
 TIR 1.83 356 ePn 00 29.50 1.4
 AGG 1.86 105 ePn 00 29.58 1.0
 LIT 1.99 72 ePn 00 30.78 0.3
 PHP 2.19 8 ePn 00 34.40 1.1
 GRG 2.32 51 ePn 00 36.30 1.0
 VAY 2.65 46 iPn 00 39.60 -0.3
 SKO 2.68 23 ePn 00 42.60 2.3X
 KNT 2.74 52 ePn 00 41.02 -0.3
 SOH 2.86 62 ePn 00 42.70 -0.3
 SRS 3.16 59 ePn 00 47.50 0.3
 S.D. = 0.9 on 16 of 18 obs.

& OCT 11, 1992 16h 30m 05.51s
 59.611 N 153.182 W
 DEPTH = 101.2km
 SOUTHERN ALASKA (2)
 <AIC>.

OPT 0.05 330 iPc 30 18.99 0.8

AUL 0.26 209 iPc 30 19.70 1.0
 AUE 0.27 201 ePc 30 19.53 0.8
 AUP 0.28 206 ePc 30 19.80 0.9
 AUH 0.28 208 ePc 30 19.74 -0.7
 AUW 0.28 211 ePc 30 19.77 -0.6
 AUI 0.30 204 eP 30 19.59 -0.9
 INE 0.46 8 ePc 30 20.83 -0.7
 INW 0.46 3 iPc 30 20.61 -0.9
 PDB 0.54 290 ePc 30 21.05 -0.9
 CDD 0.72 199 ePd 30 22.45 -1.1
 MCNL 0.73 235 iPd 30 22.57 -1.0
 XLV 0.76 101 eP 30 23.03 -0.8
 HOM 0.78 86 ePc 30 23.53 -0.5
 RED 0.84 14 ePd 30 23.74 -1.0
 RS1 0.88 14 ePd 30 24.47 -0.8
 RS2 0.88 14 ePd 30 24.46 -0.8
 RSO 0.88 14 ePd 30 24.47 -0.8
 RDW 0.89 12 iPd 30 24.49 -0.9
 REF 0.91 15 ePd 30 24.79 -0.8
 RDN 0.93 13 eP 30 25.02 -0.7
 NCT 0.96 7 iPd 30 25.12 -0.9
 DFR 1.02 14 ePd 30 25.74 -0.8
 RDT 1.04 22 iPd 30 25.82 -1.0
 SYI 1.08 158 iPd 30 26.01 -1.2
 NKA 1.49 40 ePc 30 32.84 0.7
 BKG 1.53 17 ePd 30 31.68 -1.0
 CKL 1.65 14 iPd 30 33.23 -0.9
 CKT 1.67 16 ePd 30 33.34 -1.1
 SPU 1.67 19 iPd 30 32.99 -1.5
 CKN 1.69 17 iPd 30 33.86 -0.8
 BGL 1.70 13 eP 30 33.68 -1.2
 SLKM 1.74 58 ePc 30 33.75 -1.5
 CRP 1.74 17 iPd 30 33.90 -1.5
 CGLM 1.80 18 ePd 30 35.08 -1.0
 NCG 1.87 15 ePd 30 36.12 -0.9
 KDC 1.90 169 iPd 30 34.65 -2.7
 SVW 1.93 322 iPd 30 35.97 -1.8
 SEW 1.95 74 ePc 30 36.24 -1.7
 MPA 2.11 64 ePd 30 38.60 -1.4
 SUA 2.22 32 ePd 30 40.53 -1.1
 PTE 2.43 57 eP 30 42.72 -1.5
 PMS 2.43 46 P 30 43.00 -1.4
 SKT 2.51 18 ePd 30 43.99 -1.5
 PWA 2.61 37 P 30 45.70 -1.1
 LTI 2.72 79 eP 30 47.09 -1.2
 PLRM 2.82 43 eP 30 47.17 -2.4
 PMR 2.82 43 eP 30 46.54 -3.0
 MTU 2.82 80 eP 30 47.66 -2.0
 KNIM 2.84 73 iPc 30 47.20 -2.6
 KNK 2.95 50 ePd 30 48.95 -2.5
 GHO 3.01 42 eP 30 50.00 -2.3
 SML 3.25 45 eP 30 52.96 -2.5
 GLI 3.29 65 eP 30 52.55 -3.5
 HIN 3.45 74 eP 30 55.25 -2.9
 MID 3.49 90 P 30 56.40 -2.3
 FID 3.54 68 ePc 30 55.95 -3.4
 TTA 3.60 339 P 30 58.50 -1.8
 VZW 3.60 63 eP 30 57.65 -2.7
 SCM 3.64 50 eP 30 58.21 -2.6
 VLZ 3.73 63 eP 30 59.39 -2.5
 HUR 3.79 25 eP 31 01.57 -1.2
 CVA 3.84 73 eP 31 00.11 -3.4
 KLU 4.05 59 ePc 31 03.74 -2.8
 TRF 4.10 19 eP 31 05.15 -2.0

SGAM 4.10 74 eP 31 03.64 -3.4
 TOA 4.24 51 P 31 06.90 -2.2
 RND 4.34 27 eP 31 08.25 -2.2
 RAGM 4.34 76 eP 31 07.51 -3.0
 KAIM 4.44 82 eP 31 09.48 -2.3
 TZL 4.51 54 eP 31 10.35 -2.4
 HMT 4.54 77 eP 31 10.28 -2.9
 MCK 4.60 24 eP 31 12.12 -1.9
 SDG 4.72 48 eP 31 13.62 -2.1
 GLB 4.98 64 ePc 31 16.10 -3.2
 PAX 5.02 45 eP 31 17.28 -2.6
 CRQM 5.14 73 eP 31 19.11 -2.6
 SNH 5.24 79 eP 31 20.35 -2.5
 WAX 5.25 76 eP 31 19.77 -3.2
 TGL 5.29 73 eP 31 21.11 -2.6
 NEA 5.34 19 eP 31 21.24 -3.0
 CYK 5.42 80 eP 31 22.67 -2.5
 WRH 5.43 24 eP 31 22.42 -3.1
 BALM 5.57 70 eP 31 24.91 -2.6
 HDA 5.63 29 eP 31 24.91 -3.4
 CCB 5.65 24 eP 31 25.14 -3.3
 YAH 5.79 78 eP 31 28.17 -2.5
 FBA 5.87 23 iPc 31 28.01 -3.5
 0.5s 0.76nm 3.2mb X
 GLM 6.03 24 eP 31 30.60 -3.2
 CTGM 6.05 72 eP 31 32.23 -1.9
 PCA 6.53 80 eP 31 38.55 -2.1
 BCPM 6.85 81 eP 31 42.34 -2.6
 PNL 6.99 84 ePc 31 43.73 -3.2
 HQN 7.28 85 eP 31 47.24 -3.6
 94 obs. associated

? OCT 11, 1992 16h 46m 47.82± 5.90s
 45.249 N ±17.4km 7.786 E ±38.6km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

ML 1.9 (GEN).
 RSP 0.39 256 P 46 55.60 -0.2
 LSD 0.49 295 P 46 58.17 0.3
 BHB 0.55 222 P 46 59.91 0.9
 RRL 0.78 245 P 47 02.27 -0.7
 PZZ 0.89 213 P 47 04.63 -0.3
 S.D. = 0.9 on 5 of 5 obs.

OCT 11, 1992 16h 59m 29.83± 0.47s
 24.878 N ± 3.5km 122.777 E ± 4.5km
 DEPTH = 133.3 ± 4.9 km
 4.7mb (34 obs.)

TAIWAN REGION (243)

TWC 0.89 253 iPd 59 51.10 -1.1
 TWZ 1.11 282 ePd 59 54.00 -0.4
 TWQ 1.87 252 ePd 59 55.20 -7.6X
 TWF1 2.03 222 ePd 00 03.40 -1.4
 TWG 2.58 218 ePc 00 01.03 -10.6X
 QZH 3.80 272 eP 00 27.00 -0.8
 SSE 6.35 348 Pd 01 02.00 -0.3
 Z 12s 0.90um 4.0Msz
 N 10s 0.40um
 E 10s 0.90um
 CVP 7.19 187 ePd 01 14.50 0.8
 NJ2 7.94 335 Pc 01 24.00 0.3
 GZH 8.81 260 P 01 36.00 0.6
 WHN 9.36 309 iPc 01 43.00 0.2
 TIA 12.30 338 eP 02 23.20 1.8
 PLP 13.80 171 ePc 02 42.20 1.2
 GYA 14.62 280 P 02 52.40 0.9
 XAN 15.12 310 eP 02 57.80 0.1
 TIY 15.54 328 Pd 03 05.00 2.1

1.0s 100.00nm 5.1mb
N 16s 0.54um
BJI 16.10 341 eP 03 11.00 1.2
1.1s 54.00nm 4.8mb
CGP 16.43 173 eP 03 14.50 0.5
SNY 16.92 2 Pc 03 20.80 1.0
1.2s 53.00nm 4.7mb
MAT 17.61 45 (P) 03 27.00 -1.4
CD2 17.84 294 eP 03 30.00 -1.2
KMI 18.17 275 eP 03 36.50 1.4
1.5s 40.00nm 4.5mb
HHC 18.48 332 P 03 39.20 1.0
1.2s 87.00nm 4.9mb
S 07 02.00
BTO 18.96 329 P 03 43.50 0.2
1.0s 52.00nm 4.8mb
eS 07 13.00
CN2 19.00 6 P 03 43.40 -0.2
1.2s 28.00nm 4.5mb
LZH 19.74 309 P 03 51.50 0.0
1.5s 160.00nm 5.2mb
Z 11s 0.26um 4.5mszx
YAMJ 19.76 44 eP 03 52.30 0.8
MDJ 20.46 14 eP 04 00.00 1.5
1.0s 11.00nm 4.2mb
DFUJ 21.32 44 eP 04 04.10 -3.1X
CHTO 22.91 259 ePd 04 24.20 1.3
1.1s 21.20nm 4.5mb
MRRJ 23.12 36 eP 04 24.40 -0.2
GTA 24.16 312 iPc 04 35.00 0.1
1.0s 47.00nm 4.9mb
HOOJ 24.32 39 eP 04 35.50 -0.7
ASAJ 25.11 35 eP 04 42.50 -1.2
KUSJ 25.58 39 eP 04 46.50 -1.5
LSA 28.46 287 Pc 05 15.40 0.6
0.6s 7.00nm 4.5mb
IRK 30.74 338 ePc 05 33.20 -1.1
1.3s 20.00nm 4.7mb
GUN 33.11 283 P 05 55.20 -0.4
PKI 33.55 283 P 05 58.72 -0.6
KKK 33.65 283 P 05 59.10 -0.9
0.4s 18.00nm 5.2mb
DMN 33.81 283 P 06 01.26 -0.3
GKN 34.20 284 P 06 04.08 -0.6
0.4s 18.00nm 5.2mb
WMO 34.24 312 P 06 03.50 -1.3
1.5s 11.00nm 4.4mb
YAK 37.42 5 eP 06 29.40 -1.8
1.2s 30.00nm 5.0mb
GBA 44.07 264 P 07 28.00 1.7
POO 45.70 272 iPd 07 29.90 -9.5X
MBL 45.85 184 eP 07 39.00 -1.3
WRA 45.95 165 P 07 41.20 0.1
0.8s 4.10nm 4.2mb
WB2 45.95 165 iPd 07 41.20 0.0
0.4s 15.30nm 5.0mb
OIS 48.04 159 iPc 07 57.50 0.0
0.2s 2.00nm 4.5mb
ASPA 49.45 167 iPc 08 08.50 0.2
0.7s 11.20nm 4.8mb
eS 15 02.70
CTA 50.19 151 iPc 08 14.90 0.9
WARB 50.90 176 eP 08 19.30 0.0
0.3s 8.00nm 5.0mb
RMO 56.90 152 eP 09 03.30 0.2
0.7s 7.00nm 4.7mb
STK 59.23 161 eP 09 18.70 -0.6
0.4s 3.60nm 4.7mb
i 10 18.90
FBA 67.53 27 (P) 10 13.19 -0.1
0.7s 2.91nm 4.3mb
NUR 72.54 329 eP 10 43.00 -0.6
HFS 77.67 331 eP 11 11.70 -1.0
0.3s 1.40nm 4.1mb
NB2 78.29 332 P 11 15.20 -1.0
0.8s 7.40nm 4.5mb
CLL 82.37 323 ePc 11 37.00 -0.9
GEC2 83.22 321 Pd 11 41.90 -0.6
0.9s 2.96nm 4.2mb
GRF 84.18 323 ePKP 11 47.30 0.1
CDF 87.05 323 eP 12 00.70 -0.8
0.9s 5.90nm 4.6mb
RMW 87.55 38 eP 12 05.44 1.5
LPG 89.02 321 eP 12 10.70 -0.6
0.8s 4.05nm 4.5mb
LPL 89.02 321 eP 12 10.50 -0.7
VGB 89.25 39 (P) 12 13.66 1.6

DPW 89.27 36 eP 12 13.49 1.4
NEW 89.61 35 ePd 12 15.00 1.4
1.0s 10.00nm 4.8mb
SMF 89.97 323 eP 12 14.20 -1.1
S.D. = 1.0 on 66 of 70 obs.

* OCT 11, 1992 17h 31m 53.29±1.56s
3.610 N ± 6.6km 127.308 E ± 20.4km
DEPTH = 58.6 ± 15.4 km
4.6mb (3 obs.)

TALAUD ISLANDS, INDONESIA (263)

MNI 3.27 229 ePc 32 43.40 0.1
eS 33 31.00
BIP 4.70 347 ePc 33 03.00 -0.4
eS 33 36.00
CGP 5.47 332 eP 33 15.00 0.8
eS 34 20.00
PLP 7.85 343 ePc 33 51.00 3.6X
MTN 16.78 167 eP 35 45.00 -1.0
KNA 19.29 176 eP 36 14.80 -1.6
WB2 24.41 164 eP 37 09.00 1.3
0.6s 5.70nm 4.2mb

MBL 25.68 196 eP 37 20.20 0.6
WARB 29.62 181 eP 37 55.50 0.1
MRWA 34.40 198 eP 38 37.00 0.0
KLB 36.17 194 eP 38 52.10 0.1
TIY 36.57 340 eP 38 58.20 2.7

Z 13s 0.35um 4.3mszx
MUN 36.93 196 eP 38 58.70 0.3
BJI 37.64 346 eP 39 04.50 0.2
1.0s 33.00nm 5.2mb
STK 37.82 160 eP 39 06.60 0.7
0.4s 2.30nm 4.5mb
i 39 17.90

SNY 38.20 355 eP 39 12.20 3.3X
LZH 38.90 329 P 39 13.00 -2.1
HHC 39.69 341 eP 39 20.00 -1.6
GTA 43.50 329 eP 39 52.50 -0.3
S.D. = 1.3 on 17 of 19 obs.

? OCT 11, 1992 17h 40m 51.93±7.15s
51.193 N ± 35.6km 15.729 E ± 49.9km
DEPTH = 10.0km (geophysicist)

POLAND (548)

BRG 1.17 255 iPg 41 13.80 0.0
iSg 41 33.50
PRU 1.42 213 Pg 41 19.30 1.5
e 41 23.30
eSn 41 36.20
Sg 41 50.00

CLL 1.72 275 ePg 41 22.00 0.0
eSg 41 49.00
KHC 2.48 215 ePn 41 32.00 -1.1
ePg 41 42.00
Sn 42 07.40
Sg 42 21.00

MOX 2.66 260 ePg 41 41.80 6.2X
iSg 42 21.60
GEC2 2.69 210 Pn 41 35.70 -0.4
Pg 41 42.00
Sn 42 13.30
Sg 42 21.90

S.D. = 1.3 on 5 of 6 obs.

? OCT 11, 1992 18h 13m 08.57±2.56s
37.116 N ± 24.4km 28.232 E ± 17.3km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

YER 0.04 65 iPg 13 09.00 -1.8
eSg 13 14.00
ELL 1.39 105 ePn 13 34.90 0.8
IZM 1.49 329 iPn 13 35.40 -0.1
KHL 1.58 40 iPn 13 37.30 0.5
BCK 1.91 79 ePn 13 40.40 -1.2

S.D. = 1.5 on 5 of 5 obs.

% OCT 11, 1992 19h 12m 33.84±0.93s
38.004 N ± 8.7km 27.818 E ± 10.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.59 312 iPg 12 45.90 0.1
iSg 12 52.90
YER 0.94 157 iPg 12 52.00 0.1

KHL 1.38 76 iPn 12 58.80 -0.4
EZN 2.16 328 ePn 13 10.00 -0.3
KCT 2.28 10 iPn 13 13.80 1.7
EDC 2.34 1 ePn 13 13.00 0.1
BNT 2.35 2 ePn 13 11.80 -1.3
S.D. = 1.1 on 7 of 7 obs.

OCT 11, 1992 19h 24m 26.29±0.08s
19.247 S ± 2.3km 168.948 E ± 2.5km
DEPTH = 129.0km (geophysicist)

6.4mb (91 obs.)

VANUATU ISLANDS (186)

Ms 7.2 (BRK). Mo=4.0*10**20 Nm
(PPT). Felt (VIII) on Erromango
and Tanno; (VI) at Port Vilo.
Two events about 2.2 seconds
apart. Depth from broadband
displacement seismograms, based
on first event.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=67 Slip= 90
NP2: 355 23 90

Principal Axes:
T P1g=68 Azm= 85
P 22 265

Comment: The focal mechanism is
moderately well controlled and
corresponds to reverse
faulting. The preferred fault
plane is NP2.

RADIATED ENERGY

No. of sto: 16 Focal mech. M
Energy 2.9±0.6*10**15 Nm

MOMENT TENSOR SOLUTION

Dep 152 No. of sto: 21

Moment Tensor; Scale 10**19 Nm

Mrr= 2.59 Mtt=-0.64

Mrf=-1.95 Mrt=-1.89

Mrrf=-1.81 Mtrf= 3.91

Principal axes:

T Val= 5.24 P1g=45 Azm=139

N 0.02 45 322

P -5.27 1 230

Best Double Couple:Mo=5.3*10**19

NP1:Strike=284 Dip=59 Slip= 34

NP2: 175 61 144

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 40S, **C M.W.: 38S, **C

Centroid Location:

Origin Time 19:24:37.9 0.1

Lat 19.17S FIX; Lon 168.83E FIX

Dep 141.1 0.3 Half-duration 12.3

Moment Tensor; Scale 10**20 Nm

Mrr= 0.51 0.01 Mtt= 0.07 0.00

Mrf=-0.58 0.00 Mrt=-0.34 0.00

Mrrf=-1.10 0.00 Mtrf= 0.73 0.00

Principal Axes:

T Val= 1.52 P1g=47 Azm=129

N -0.11 32 357

P -1.41 25 250

Best Double Couple:Mo=1.5*10**20

NP1:Strike=293 Dip=35 Slip= 21

NP2: 185 78 123

PVC 1.62 338 iPc 24 56.00 0.0

iS 25 17.10

BKM 1.71 337 iPc 24 57.40 0.3

DZM 3.66 219 iPd 25 21.70 -0.7

iS 26 06.10

SGE 8.68 80 eP 26 33.60 3.2X

SVA 9.08 84 iPd 26 36.90 1.2

VUN 9.11 84 ePc 26 38.10 2.1

MBU 9.56 78 eP 26 46.20 4.0X

HNR 13.08 317 eP 27 31.00 2.6

eS 29 54.00

SVO 13.38 317 eP 27 36.00 3.8X

eS 29 52.00

RAO 15.56 132 eP 28 02.50 2.6

OUZ 16.44 166 P 28 12.00 1.4

BRS 16.91 238 iPc+ 28 18.20 1.6

1.0s 94.00nm 5.0mb X

iS 31 42.00

iScP 36 26.50

iScS 40 04.00

e(TT) 40 41.00

WCZ 17.30 165 P 28 22.90 1.7

11d 19h

KUZ	18.42	163	P	28	34.20	-0.1	WB2	32.57	263	iPc	30	45.50	-1.9		0.8s	1063.90nm	6.9mb			
	1.1s	*****nm				7.1mb		0.6s	120.50nm			5.9mb								
AFI	19.22	77	P	28	25.00	-17.9X	WRA	32.58	263	P	30	45.80	-1.7	MAT	62.63	332	iPc	34	35.60	57kmX
		S		31	44.00			0.8s	30.90nm			5.1mb X			1.4s	930.23nm	6.5mb			
ARMA	19.23	231	iPd	28	44.00	0.9	ASPA	32.86	256	ePd	30	48.80	-1.2	Z	20s	34.04um	6.5Msz			
		eTT		43	54.50			0.9s	9149.40nm			7.6mb X				eS	42	55.00		
WLZ	19.44	164	P	28	44.90	-0.2		Z	21s	327.10um			7.0Msz	SHK	63.64	327	ePc	34	46.00	0.2
MOZ	19.85	166	P	28	50.00	0.7				eS	35	56.40			0.8s	89.55nm	5.7mb			
RMQ	19.94	245	iPd	28	51.40	1.1	MCQ	36.01	190	eP	31	16.40	0.0	ERM	65.45	339	iPc	34	57.57	0.3
		eScP		36	38.00				i	31	24.40	27kmX				ec	35	00.05		
HBZ	20.03	158	P	28	51.20	0.1				eP*P*	03	39.30				iPd	35	27.36	121kmX	
TAZ	20.03	162	P	28	52.40	1.3	MTN	36.84	274	iP	31	23.20	-0.6	QZH	65.81	310	P	35	01.50	1.6
URZ	20.23	161	P	28	53.50	0.3	KNA	38.42	269	iPd	31	36.20	-0.9		1.1s	250.00nm	6.1mb			
NRZ	20.48	169	P	28	57.50	1.8	FORT	38.60	245	iPd	31	37.70	-0.7	Z	50s	270.00um	7.1MszX			
NGZ	20.68	165	P	28	58.80	0.9	TBI	38.87	104	iP	31	40.40	-0.3	N	21s	71.10um				
CNZ	20.69	165	P	28	58.90	1.0		1.5s	1650.00nm			6.6mb				S	43	40.00		
PAHZ	20.77	162	P	28	59.10	0.5	AFR	39.14	94	iP	31	42.30	-0.7	KUR	66.98	344	iPc+	35	07.00	0.1
NOZ	20.85	160	P	28	59.40	0.0		1.0s	5.00nm			4.2mb X			1.0s	2640.00nm	7.1mb			
MOH	21.05	162	P	29	01.80	0.4	PAE	39.31	95	iP	31	43.70	-0.7				pP	35	41.00	140kmX
BSZ	21.12	167	P	29	04.10	2.0	PPT	39.32	94	iP	31	44.00	-0.6				iS	43	52.00	
WAHZ	21.36	164	P	29	04.80	0.3	PPN	39.47	94	iP	31	45.20	-0.5	SAP	67.00	338	eP	35	07.00	-0.1
CTA	21.39	264	iPd-	29	05.00	0.1	VARB	39.50	252	iPd	31	45.70	-0.2				eS	43	51.00	
		i(PcP)		36	27.00		TVO	39.60	95	iP	31	46.30	-0.6	HKC	67.60	305	iP	35	13.50	2.2
		i		40	05.00		GUA	40.27	322	Pn	31	54.00	1.7				iS	44	58.00	
		i		40	19.00			1.0s	2864.00nm			7.0mb	SSE	67.89	317	Pc	35	12.00	-0.9	
CTAO	21.39	264	iPd	29	06.17	1.3			e	31	59.60	19kmX			1.5s	1240.00nm	6.6mb			
		ed		29	15.69	35kmX	GUMD	40.34	322	P	31	54.50	1.7	N	16s	17.70um				
RIV	21.50	224	iPd+	29	08.00	2.2	NMCC	41.12	325	eP	32	01.50	2.3	E	16s	17.20um				
		iS		34	02.00				pP	32	06.00	15kmX				ScS	44	52.00		
ORZ	21.73	173	P	29	09.60	1.5	AAI	42.68	286	iP	32	14.00	1.9	GZH	68.67	305	iP	35	20.00	2.1
DIW	21.90	170	P	29	12.10	2.3		0.5s	66.00nm			5.6mb			1.0s	460.00nm	6.3mb			
MNG	22.03	167	P	29	10.20	-0.8	COOL	44.53	245	eP	32	25.30	-1.6	N	20s	79.20um				
RAB	22.19	310	iP	29	12.00	-0.8	KUPT	44.67	275	ePd	32	30.20	2.1	E	24s	50.20um				
		iS		33	04.00			0.9s	2919.60nm			7.0mb				pP	35	50.10	121kmX	
PGZ	22.21	165	P	29	12.40	-0.4			eS	39	01.60					iS	44	15.00		
TCW	22.36	169	P	29	15.00	0.7	MBL	45.99	259	iPd	32	38.10	-0.4	QIZ	69.35	300	P	35	23.40	1.2
SNZO	22.53	169	P	29	15.70	-0.2	MEEK	46.69	251	iPd	32	43.70	-0.3		0.8s	170.00nm	5.9mb			
		S		33	15.00		KLB	47.46	244	iPd	32	48.40	-1.5	N	15s	6.60um				
		ScP		36	32.00		NWAO	47.96	243	eP	32	53.00	-0.8	E	16s	4.60um				
MTW	22.55	167	P	29	15.60	-0.5	RKC	48.26	241	eP	32	55.30	-0.8				iS	44	19.00	
DSZ	22.56	174	P	29	17.70	1.5	BAL	48.33	246	eP	32	55.00	-1.7	PPI	69.63	277	eP	35	23.00	-1.0
	0.8s	3780.00nm				6.8mb	MUN	48.79	244	eP	32	59.00	-1.2		0.8s	219.00nm	6.0mb			
THZ	22.70	172	Pc	29	18.70	1.1		1.0s	1160.00nm			6.6mb	KLM	69.73	281	eP	35	23.50	-1.1	
PMG	23.24	292	iPd	29	24.00	1.0		Z	20s	161.80um			7.0Msz	NJ2	70.02	316	Pc	35	26.00	0.0
KHZ	23.42	171	Pc	29	24.20	-0.3	MRWA	48.95	248	eP	33	00.20	-1.3		1.2s	90.00nm	5.5mb			
	0.8s	3010.00nm				6.8mb	NANU	49.80	256	iPd	33	07.80	-0.2				pP	35	57.00	125kmX
CNB	23.58	223	iPc	29	27.60	1.4	MKS	50.14	279	iPc	33	07.20	-3.5X				PP	38	06.00	
		eScP		36	47.50			1.1s	501.70nm			6.3mb				S	44	27.00		
LTZ	23.63	174	Pc	29	26.90	0.3	DRV	50.96	194	iP	33	15.40	-0.8				sS	45	22.00	
BWA	23.68	226	iPd	29	26.70	-0.5			PP	35	25.00						SS	49	02.00	
CAN	23.82	224	iPd	29	29.50	1.0			PPP	36	34.00		YSS	70.07	341	P	35	37.00	11.0X	
QLP	23.88	248	iPd	29	29.60	0.5			S	40	19.00						ePc	35	26.75	0.8
FINC	24.05	299	eP	29	34.40	3.6X			SS	44	07.00		YSS	70.07	341	ePc	35	26.75	0.8	
CMS	24.13	235	iPd	29	32.10	0.6			SSS	45	34.00			1.1s	470.00nm	6.2mb				
EWZ	24.24	177	P	29	33.00	0.6	PCI	51.43	285	ePc	33	23.40	2.9X				ec	35	29.07	
LMZ	24.40	179	P	29	34.00	0.1			e	45	11.20						epPd	35	56.88	121kmX
	1.0s	2640.00nm				6.7mb	HPD	51.62	44	eP	33	20.39	-1.4	IPM	70.85	282	ePd	35	30.20	-1.2
MQZ	24.59	174	Pc	29	35.10	-0.5	HON	51.69	40	P+	33	26.57	4.3X		0.9s	285.00nm	6.1mb			
	0.9s	1130.00nm				6.4mb		Z	20s	78.49um			6.7Msz			e	36	42.90	319kmX	
LAT	24.73	297	eP	29	37.60	0.3			S	40	51.05		SPA	70.87	180	iPc	35	31.60	0.7	
BWZ	25.22	178	P	29	40.30	-1.2	KKH	51.72	44	eP	33	22.25	-0.3		1.0s	850.00nm	6.5mb			
	0.6s	368.00nm				6.1mb	KIP	51.76	40	iPc	33	22.79	0.0	Z	20s	22.52um	6.4Msz			
MMCZ	25.68	180	Pc	29	45.20	-0.8			ec	33	24.94	7kmX	SMY	71.81	3	eP	35	36.19	-0.1	
MHZ	25.74	179	P	29	45.70	-0.8			e	33	57.39			0.9s	1244.69nm	6.7mb				
LRCZ	25.75	179	P	29	45.40	-1.2			esPd	34	08.81		ADK	71.93	9	eP	35	35.86	-1.2	
ODZ	25.76	177	Pc	29	45.50	-1.0	DHH	51.77	41	eP	33	22.22	-0.7		1.2s	861.74nm	6.4mb			
LSCZ	25.80	179	P	29	45.90	-1.0	OPA	51.96	40	(P)	33	24.25	-0.1	WHN	72.15	312	Pd	35	39.50	0.7
YYYY	25.83	297	eP	29	47.70	0.1	RKT	52.17	105	iP	33	24.80	-1.1		1.0s	80.00nm	5.4mb			
CMCZ	25.83	179	P	29	46.50	-0.8	MHA	52.18	43	eP	33	24.90	-1.0	Z	52s	194.00um	7.0MszX			
TLC	25.87	180	P	29	47.00	-0.7	PFH	52.31	45	P	33	26.00	-0.9	N	18s	16.90um				
MDG	26.52	299	eP	29	55.50	1.8	HKL	52.33	42	eP	33	25.69	-1.8	E	18s	42.20um				
TUZ	26.64	179	P	29	53.70	-0.8	KHKI	52.73	274	ePc	33	28.10	-2.1				S	44	54.00	
	0.8s	853.00nm				6.4mb			e(S)	40	50.20		PET	72.51	353	iP+	35	39.00	-1.4	
BCZ	26.70	182	P	29	54.30	-0.8			e	58	52.00			1.5s	1800.00nm	6.6mb				
TOO	27.42	223	iPd	30	02.00	0.2	PLP	52.83	301	ePd	33	28.80	-2.0				iS	44	56.00	
		eScP		36	56.60		MAP	53.17	300	ePd	33	35.00	1.7				ePPS	45	54.00	
		e		02	39.30		TSM	55.42	290	ePc	33	49.50	-0.3	DL2	72.86	323	P	35	43.00	0.3
QIS	27.61	262	eP	30	02.50	-1.1		1.2s	1100.50nm			6.7mb		1.0s	1100.00nm	6.6mb				
STK	27.61	238	iPd	30	03.50	0.0	TRT	55.74	274	ePd	33	35.00	-17.1X	Z	30s	61.70um	6.7MszX			
	0.7s	904.50nm				6.5mb		1.0s	1260.40nm				N	25s	96.20um					
		eS		34	43.80		KKM	57.68	291	ePc	34	05.20	-0.7	E	22s	74.60um				
MNDI	27.84	295	eP	30	07.00	1.1		0.3s	1335.30nm			7.4mb				S	44	57.00		
BFD	29.18	227	iPc	30	17.20	-0.4			e	34	34.50	122kmX	MDJ	73.00	332	ePc	35	44.10	0.6	
WWKK	29.21	299	eP	30	16.90															

[illegible]

				esPc	38	31.77	
				SKS	48	10.00	
SES	98.45	40	eP	37	50.00	-0.8	
	1.0s	113.00nm				6.4mb	
			pP	38	00.00	31kmX	
GOL	98.83	51	iPDifd37	53.78		0.7	
Z	20s	29.70um				6.8Msz	
			ed	37	56.26	8kmX	
NDI	100.46	297	iPdiff38	00.50		0.0	
	1.2s	39.06nm				5.9mb	
POO	100.56	286	iPdiff37	52.80		-8.3X	
YKA	100.80	27	ePdiff38	02.50		1.4	
	0.8s	55.40nm				6.2mb	
RSSD	101.06	47	ePdiff38	03.61		0.5	
	0.6s	65.33nm				6.4mb	
Z	21s	22.72um				6.7Msz	
UKR	101.15	320	iPdiff38	03.30		0.4	
	1.6s	400.00nm				6.8mb	
			i	42	18.00		
IHA	102.24	132	ePdiff38	15.30		7.0X	
PEL	102.85	132	ePdiff38	15.00		3.9X	
PRZ	103.13	311	ePdiff38	14.00		1.8	
	1.4s	10.00nm				5.5mb	
			e	42	28.00		
			e	48	42.00		
			eS	49	46.00		
			ePS	51	36.00		
			eSS	57	00.00		
RFA	103.47	134	ePdiff38	14.20		0.4	
FNO	103.74	57	iPdiff38	16.50		1.6	
TLC	104.04	311	ePdiff38	17.70		1.6	
KSH	104.20	307	Pdiff	38	18.50	1.5	
Z	64s	153.00um				7.0MszX	
N	15s	16.00um					
E	16s	15.70um					
			pP	38	50.00		
			sP	39	06.00		
			SKS	48	44.00		
MDZ	104.28	133	i(Pdiff38	19.10		1.7	
AAA	104.35	311	ePdiff38	17.00		-0.5	
			i	42	41.00		
			e	48	48.00		
			iS	50	02.00		
			ePS	51	40.00		
			iSS	57	22.00		
			iSSS	01	18.00		
TLL	104.38	129	ePdiff38	15.00		-3.2X	
NRI	104.67	339	iPdiff38	17.00		-1.2	
	1.4s	184.00nm				6.9mb	
			e	42	35.00		
			iPS	49	58.00		
TUL	105.17	57	ePdiff38	21.50		0.3	
	1.2s	93.70nm				6.7mb	
Z	20s	32.03um				6.9Msz	
N	22s	7.82um					
			PP	42	50.00		
			SKS	48	55.00		
			SS	57	29.00		
			LR	13	22.00		
RTLL	105.42	132	ePdiff38	09.00		-13.5X	
UYO	105.85	59	iPdiff38	28.80		4.5X	
FRU	105.93	310	ePdiff38	25.00		0.5	
AAK	105.98	318	ePdiff38	23.59		-1.3	
MIAR	106.64	59	ePdiff38	27.96		0.2	
	0.6s	12.07nm				6.2mb	
Z	20s	26.25um				6.8Msz	
			ec	38	30.94		
			ec	38	37.07		
			epP	39	02.40		
ULM	107.82	42	ePdiff38	42.50		9.9X	
ULM	107.82	42	ePKP	42	41.00	1.3	
ANT	108.08	124	ePdiff38	36.00		1.6	
TCA	108.11	134	ePdiff38	43.10		8.6X	
OLY	108.53	58	ePdiff38	38.82		2.7	

ELC	110.61	57	(Pd	iff38	49.00	3.7X
ELC	110.61	57	ePKP	42	44.11	-1.3
JFWS	110.63	50	Pd	iff+38	37.91	-7.4X
JFWS	110.63	50	ePd	iff38	45.67	0.4X
			epP	39	20.11	
JFWS	110.63	50	PKP	42	43.85	-1.4
Z	21s	56.39um				7.1MsZ
ARE	110.79	117	ePd	iff38	55.00	8.1X
YJA	112.72	125	ePKPd	42	50.50	0.1
PSO	112.76	97	ePKP	42	53.00	2.3
CNCB	113.55	119	ePd	iff39	04.00	4.5X
			i	42	59.00	
			i	43	46.80	
LPB	113.60	119	ePd	iff39	08.00	8.5X
			i	43	02.00	
			LR	53	13.00	
ZOBO	113.69	118	iPd	iff39	05.00	4.8X
			i	42	51.80	
ZOBO	113.69	118	ePd	iff39	01.48	1.2
			ec	39	04.46	
			ec	39	10.26	
GBTN	114.40	59	(Pd	iff39	03.06	0.8
GBTN	114.40	59	(PKP)	42	50.62	-2.1
CCH	114.77	120	ePd	iff39	10.00	5.4X
			e	42	52.00	
PRM	115.72	61	(Pd	iff39	20.23	12.1X
SVE	115.91	325	ePd	iff39	18.00	9.6X
	3.9s	210.00nm				
			ePPP	46	23.00	
			i	49	33.00	
			iPS	53	32.00	
MAIO	116.57	302	ePd	iff39	16.00	4.0X
			i	42	57.00	
JSC	116.66	61	ePKP	42	55.50	-1.6
			ePP	44	05.59	
BOG	116.97	95	iPKPd	43	08.00	9.3X
BOG	116.97	95	iPd	iff39	16.00	1.5
			iPPd	43	08.00	
DLA	116.98	51	PKP	42	56.60	-0.8
LHS	117.05	60	ePKP	42	54.18	-3.6X
ARU	117.07	324	ePd	iff39	17.00	3.5X
Z	21s	25.00um				6.8MsZ
N	14s	12.50um				
E	16s	20.00um				
			e	42	56.00	
			i	43	05.50	
			e	44	15.00	
			e	49	45.00	
ARU	117.07	324	ePd	iff39	13.29	-0.2X
			epPd	39	47.22	
SGS	117.16	62	ePKP	42	56.65	-1.4
			e	46	20.93	
ELF	117.18	51	PKP	42	56.90	-0.9
HBF	117.25	62	ePKP	42	57.28	-0.9
LDN	117.27	51	PKP	42	56.90	-1.1
NAV	117.30	57	(Pd	iff39	19.39	4.3X
NAV	117.30	57	ePKP	42	57.00	-1.3
BLA	117.59	57	ePKP	42	57.00	-1.8
			eSKP	46	21.60	
STH	118.04	79	iPKPd	43	00.11	0.0
ACTO	118.10	50	PKP	42	58.66	-0.9
GWJ	118.11	79	iPKPd	42	59.15	-1.3
MCWV	118.17	55	PKP	43	10.00	10.2X
Z	20s	28.39um				6.9MsZ
TYNO	118.24	51	PKP	42	58.90	-0.9
YHJ	118.29	80	iPKPd	42	58.27	-2.4
CEH	118.56	59	Pd	iff 39	32.00	11.3X
Z	20s	27.56um				6.9MsZ
CEH	118.56	59	ePd	iff39	21.69	1.0
			ec	39	29.80	
CEH	118.56	59	(Pd	iff39	28.74	8.1X
Z	20s	27.56um				6.9MsZ
			e	42	59.28	
BMG	118.68	92	ePKP	42	58.00	-3.6X
STCO	118.75	51	PKP	42	59.89	-0.8
EEO	118.76	47	ePKP	43		

JAO	120.24	38	ePKP	43	05.00	
TUH	120.32	209	iPKPd	43	01.50	-1.8
	1.0s	368.00nm			02.50	-1.6
			i			
SLR	121.17	222	iPKPc	43	12.00	
	1.2s	281.25nm			03.40	-2.7
Z	22s	28.52um				6.9MsZ
SDV	121.53	91	iPKPd	43	05.00	-2.1
KSR	121.94	221	iPKPc	43	07.50	-0.1
RSNY	122.05	49	ePKP	43	06.13	-0.9
LVNJ	122.07	53	ePKP	43	05.31	-1.8
DAG	122.31	2	iPKPd	43	05.10	-1.4
	0.7s	89.04nm				
Z	24s	31.01um				6.9MsZX
N	24s	27.91um				
TBR	122.47	53	ePKP	43	07.08	-0.8
			eSKP	46	30.89	
			e	46	39.93	
GMTN	122.51	53	iPKP	43	06.90	-1.1
PNJ	122.53	53	iPKP	43	07.40	-0.6
			SP	58	07.20	
TOV	122.59	91	ePKP	43	07.20	-1.8
			iPP	43	11.60	
CLK	122.95	236	iPKPd	43	08.50	-1.1
			i	44	00.00	
TEH	123.11	301	ePKP	43	12.00	2.5
PPD	123.15	134	ePKP	43	04.00	-5.8X
			i	43	09.90	
			i	43	19.80	
POF	123.15	212	iPKPc	43	10.00	0.5
	1.0s	290.00nm				
			i	43	18.00	
GDH	123.67	17	ePdif	39	47.00	4.5X
			e	43	10.00	
			e	44	54.00	
APA	124.19	341	ePdif	39	53.00	8.2X
			i	43	09.70	
BAK	124.19	306	iPKPc	43	12.00	0.8
MORO	124.28	90	iPKP	43	11.80	-0.5
HRV	124.37	51	ePKP	43	11.09	-0.5
Z	19s	36.72um				7.0MsZ
			i	45	05.65	
HRV	124.37	51	ePdif	39	50.38	4.1X
BNH	124.38	49	ePKP	43	10.38	-1.2
KEV	124.48	345	ePKP	43	11.00	0.1
			e	43	20.00	
			e	44	55.00	
			e	45	25.00	
			e	54	20.00	
			e	01	30.00	
BUL	124.83	227	iPdif	40	04.50	15.4X
SHE	125.13	307	iPKPc	43	14.00	0.9
	2.0s	250.00nm				
Z	18s	18.00um				6.8MsZ
N	18s	20.00um				
E	18s	30.00um				
			i	50	12.00	
VAO	125.29	139	(PKP)	43	08.00	-6.0X
VAO	125.29	139	ePKP	43	15.40	1.4
			e	43	21.50	
			e	43	52.10	
			e	44	14.60	
			e	45	05.90	
CAR	125.49	91	iPdif	39	56.80	4.6X
MIM	125.85	48	ePKP	43	13.73	-0.6
KTK1	125.94	345	ePKP	43	10.01	-3.8X
CBM	126.20	45	ePKP	43	13.32	-1.7
CBM	126.20	45	ePKP	43	16.50	1.5
SOD	126.26	343	iPKP	43	09.00	-5.5X
SDF	126.29	343	iPKP	43	09.00	-5.6X
GUAN	126.55	92	iPKP	43	16.10	-0.7
KER	126.62	299	ePKP	43	16.00	-0.4
GRS	126.98	305	iPKP	43	07.00	-10.0X
	1.4s	440.00nm				
			e	45	10.00	
			ePS	55	06.00	
GRO	127.03					

RDJ	127.64	142	ePKP	43	20.00	1.6
MTA	127.90	308	iPKPc+	43	17.40	-1.0
	1.0s	110.00nm				
Z	20s	7.50um				6.4MsZ
N	20s	6.00um				
E	20s	12.00um				
		i	50	12.00		
		eSS	55	14.00		
SJG	127.98	82	iPKP	43	17.50	-1.7
CUM	128.09	92	iPKP	43	16.40	-3.1X
JNW	128.19	359	ePKP	43	21.30	3.2X
LPR	128.28	82	PKP	43	19.00	-0.8
ERE	128.32	306	iPKP+	43	20.00	0.6
		i	50	20.00		
		iPS	55	22.00		
		iPPP	57	08.00		
		iSS	03	02.00		
LMN	128.67	46	ePKP	43	21.00	1.3
LOF	128.73	348	ePKP	43	09.11	-10.0X
PYA	128.79	311	ePdiff	40	20.00	14.1X
Z	23s	27.90um				6.9MsZ
		i	43	20.50		
		i	43	30.00		
		iPS	55	28.00		
		eSS	02	48.00		
NAI	128.80	252	iPKPd	43	23.50	2.3
	0.7s	2627.40nm				
		iPPd	43	35.00		
		iPP	45	30.00		
		iPKS	46	34.00		
		iSKS	50	22.00		
		iSS	02	36.00		
KIV	129.07	311	ePdiff	40	06.94	-0.4
		ipPd	40	40.04		
OBN	129.34	327	ePKP	43	07.00	-13.7X
OBN	129.34	327	iPKPc+	43	20.50	-0.2
	1.2s	1190.00nm				
Z	22s	17.00um				6.7MsZ
N	22s	16.00um				
E	22s	21.00um				
		iPP	45	32.00		
		ipPP	46	04.00		
		ePKS	46	36.00		
		i	47	20.00		
		ePPP	48	44.00		
		iSKS	50	18.00		
		iSKKS	52	14.00		
		ePKKP	53	10.00		
		iSKSP	55	12.00		
		iPS	56	04.00		
		iPPS	57	40.00		
		iSS	02	48.00		
OBN	129.34	327	ePdiff	40	12.00	4.0X
	1.2s	1190.00nm				
Z	26s	36.00um				6.9MsZ
N	26s	31.00um				
E	28s	21.00um				
		i	43	20.50		
		i	45	32.00		
		i	50	18.00		
		iSS	02	48.00		
BDF	129.82	131	e(PKP)	43	08.00	-14.9X
		e	43	13.10		
		e	43	20.50		
		e	43	22.10		
		e	43	24.90		
		e	43	30.00		
		e	43	34.60		
		e	43	38.20		
		e	43	47.00		
		e	43	56.00		
		e	44	05.00		
		e	44	17.00		
		e	44	26.00		
		e	45	36.20		
		e	45	45.90		
		e	45	48.10		
		e	57	36.00		
8DF	129.82	131	ePKPc	43	22.14	-0.8
		ec	43	25.12		
		ec	43	30.42		
PUL	129.90	334	ePdiff	40	12.00	1.7
	2.0s	470.00nm</				

	0.5s	158.45nm				KMY	138.37	347	ePKP	43	30.33	-7.3X	BRN	141.87	336	ePKP	43	36.00	-8.1X	
	Z	17s	34.36um		7.1MsZx	CLI	138.47	320	ePKPd	43	19.50	-18.8X	EZN	141.93	311	ePKP	43	39.30	-5.4X	
			i	43	36.50	CFR	138.54	318	ePKP	43	35.00	-3.4X	PSZ	141.95	326	iPKPc	43	38.20	-6.4X	
GRW	130.91	90	ePKP	43	23.07	-1.9	GYN	138.57	310	ePKP	43	38.00	-0.8	PLD	142.13	315	ePKP	43	31.00	-14.0X
SKI	131.03	83	ePKP	43	24.92	-0.1	LVV	138.63	326	ePKP	43	25.00	-13.4X	PRK	142.17	310	ePKP	43	40.20	-4.9X
SOC	131.25	312	iPKP	43	24.00	-0.7			e	46	27.00		PGB	142.29	316	ePKP	43	41.00	-4.3X	
			e	45	50.00		PPCY	138.67	301	ePKP	43	33.00	-6.0X	RZN	142.31	314	iPKPd	43	41.00	-4.6X
			e	50	24.00		PTT	138.83	321	ePKP	43	30.00	-8.9X	BZS	142.34	322	iPKPc	43	33.00	-12.2X
			iPS	55	47.00		AKSR	138.86	284	ePKP	43	34.50	-5.1X	SSR	142.67	321	ePKPc	43	43.00	-2.8
			eSS	03	13.00		GPA	138.89	310	ePKP	43	37.00	-2.3	BUD	142.69	326	iPKP	43	41.80	-3.9X
NUR	131.63	337	ePKP	43	15.00	-9.9X	EYL	138.92	310	ePKP	43	33.00	-6.4X	VRAC	142.70	330	ePKP	43	39.70	-6.0X
			i	43	25.60		AGRW	139.06	284	ePKP	43	36.20	-3.8X		3.3s	1485.00nm				
			i	43	35.80		BRD	139.09	319	ePKP	43	31.00	-8.4X			e	43	48.30		
			i	46	37.50		AKUR	139.10	285	ePKP	43	32.00	-8.0X			e	43	52.70		
			e	47	30.00		VRI	139.13	319	ePKPc	43	19.50	-20.0X			e	44	19.60		
			e	55	30.00		BSD	139.14	337	iPKP	43	32.40	-6.7X			e	47	18.60		
			e	58	10.00				1.2s	630.00nm			BRG	142.75	334	iPKPc	43	41.60	-4.1X	
			e	03	00.00				i	43	43.50			Z	2.0s	1050.00nm			6.8MsZ	
			e	05	40.00				i	47	10.20			N	28s	34.00um				
PAG	131.78	85	ePKP	43	40.00	13.5X	PSN	139.15	315	ePKP	43	33.00	-6.6X	E	28s	33.00um				
DPMT	131.90	87	ePKP	43	32.85	6.2X	HRT	139.18	311	iPKP	43	38.80	-1.0			i	43	52.30		
DSVT	131.90	87	ePKP	43	34.78	8.1X	ASKD	139.45	284	ePKP	43	36.20	-4.5X			iPKP	44	19.80		
FDF	132.00	87	ePKP	43	27.10	0.1	BCK	139.49	306	ePKP	43	32.40	-8.1X			iSKP	46	56.00		
MVM	132.21	88	ePKP	43	28.00	0.7	CVO	139.49	319	ePKPc	43	25.50	-14.7X			iSKKS	53	43.00		
CRM	132.23	87	ePKP	43	26.30	-1.0	ISK	139.54	311	ePKP	43	34.00	-6.3X	CLL	142.81	335	iPKP	43	41.70	-4.1X
ANN	132.59	314	ePKP	43	27.50	0.3	COP	139.54	340	iPKPc+43	29.00	-10.8X		Z	2.0s	400.00nm			7.0MsZ	
			i	43	36.00				0.8s	247.76nm					i	43	52.00			
			e	50	36.00			Z	21s	15.77um		6.7MsZ			e	44	19.00			
			ePS	55	57.00		ITU	139.55	311	ePKP	43	42.00	1.6			e	44	19.00		
AKU	133.35	4	ePKP	43	25.60	-2.4	ISR	139.58	318	ePKPc	43	29.50	-10.9X			SKKS	53	38.00		
	1.5s	244.44nm				MUD	139.88	343	iPKP	43	32.30	-8.1X	SRO	142.85	327	iPKPd	43	43.30	-2.7	
	Z	22s	34.81um		7.0MsZ			1.0s	210.00nm						i	43	51.40			
			i	46	44.50		CTT	139.95	312	ePKP	43	40.70	-0.4			i	44	18.10		
AKKT	133.84	308	ePKP	43	31.60	1.6	KHL	140.07	307	ePKP	43	36.00	-5.5X			i	44	55.20		
SVST	134.11	307	ePKP	43	30.70	0.3	BMR	140.12	323	ePKPc	43	44.00	2.8			i	47	09.80		
MNK	134.51	329	ePdiff	40	40.00	9.1X	DMK	140.17	313	ePKP	43	37.00	-4.5X	MMB	143.02	315	iPKPd	43	43.00	-3.6X
			e	46	04.00		BUC	140.19	317	ePKPd	43	35.50	-5.9X	PRU	143.16	332	ePKP	43	43.00	-3.5X
			eSS	03	44.00		ELL	140.20	305	ePKP	43	34.90	-7.0X		1.9s	721.00nm				
UPP	134.52	340	ePKP	43	17.00	-13.4X	UZH	140.24	325	ePKP	43	36.00	-5.4X		Z	35s	69.50um			7.2MsZx
	1.0s	100.00nm						0.9s	28.00nm					N	35s	93.70um				
			i	43	26.00			Z	20s	25.00um		7.0MsZ		E	29s	58.60um				
			i	43	39.50			E	20s	22.00um					i	43	51.90			
			i	46	01.50				e	43	45.20				e	44	22.00			
			iSKP	46	39.30				e	46	42.00				SKP	47	22.50			
			i	46	48.20				ePPP	49	48.00				SS	05	30.00			
			i	52	43.00				iPPS	59	00.00		ZST	143.21	328	ePKP	43	43.40	-3.2X	
REY	134.54	7	ePKP	43	29.30	-1.0			i	04	55.00				i	44	22.20			
TRHT	134.56	308	ePKP	43	32.00	0.7	BUC1	140.27	317	ePKPc	43	26.00	-15.5X			i	44	53.40		
SIM	134.73	315	ePdiff	40	46.00	13.8X	KCT	140.32	310	ePKP	43	36.80	-5.0X			i	47	13.70		
			i	43	32.00		MTUR	140.46	319	ePKP	43	30.00	-12.0X			e	51	26.20		
			e	50	28.00		OJC	140.55	329	iPKPc	43	35.70	-6.2X			e	56	15.30		
			eSS	03	56.00				0.9s	353.00nm					e	57	02.50			
			eSSS	09	00.00				i	43	40.30		SRS	143.32	314	ePKP	43	43.02	-4.0X	
MOL	134.84	348	ePKP	43	18.78	-12.1X			i	43	54.00		KKB	143.32	315	iPKPc	43	44.00	-3.0X	
NB2	135.38	345	PKP	43	32.70	0.6			i	44	18.00		UZD	143.48	325	ePKP	43	43.80	-3.3X	
LWI	135.40	246	iPKP+	43	22.00	-11.8X			i	47	07.00		EKA	143.48	352	PKPc	43	42.90	-3.9X	
CTK	135.48	309	ePKP	43	29.70	-3.3X	BNT	140.59	311	ePKP	43	33.80	-8.5X		0.7s	48.00nm				
HFS	135.49	343	ePKP	43	20.20	-12.0X	EDC	140.64	311	ePKP	43	42.00	-0.4	ESK	143.50	352	ePKPd	43	44.00	-2.9
	0.3s	3.30nm				JMB	140.72	314	ePKP	43	31.00	-11.4X		1.0s	200.00nm					
	Z	21s	*****um		9.9MsZx	TNR	140.74	320	ePKPc	43	38.00	-4.4X	VKA	143.55	329	ePKPc	43	45.00	-2.2	
			LR	29	38.00		COZ	140.86	320	ePKPc	43	23.00	-19.8X			i	43	55.00		
BZK	135.73	311	ePKP	43	38.00	4.8X	SPC	140.98	327	ePKP	43	37.75	-5.2X			i	43	44.26	-3.3X	
KART	135.73	310	ePKP	43	31.30	-2.3			i	43	44.30		SOH	143.61	314	ePKP	43	44.46	-3.3X	
ADAT	135.87	304	ePKP	43	33.70	0.0			i	43	50.40		PAIG	143.76	312	ePKP	43	44.46	-3.3X	
KAS	136.07	310	ePKP	43	29.00	-5.0X			i	44	22.70		KNT	143.76	314	ePKP	43	44.22	-3.6X	
HRI	136.12	298	ePKP	43	22.50	-11.9X			i	46	40.70		WIT	143.77	342	ePKP	43	46.00	-1.4	
BURJ	136.18	297	PKPd	43	34.30	-0.3			i	47	13.50				e	47	16.00			
FOO	136.21	349	ePKP	43	26.61	-6.9X	PVL	141.23	316	ePKP	43	39.00	-4.3X	VAY	143.91	315	iPKP	43	44.70	-3.3X
SALY	136.30	296	PKPc	43	28.00	-6.8X	DRA	141.23	319	ePKPc	43	43.00	-0.3		0.8s	407.00nm				
HJA	136.39	348	ePKP	43	29.68	-4.2X	YER	141.35	306	ePKP	43	36.50	-7.3X			i	43	48.40		
MML	136.49	297	ePKP	43	23.10	-12.0X	RAC	141.42	330	ePKP	43	41.00	-2.4			i	47	43.00		
JVI	136.59	296	ePKP	43	22.90	-12.4X		Z	30s	40.00um		7.0MsZx	NPS	143.95	304	ePKP	43	46.60	-1.7	
SUE	136.76	349	ePKP	43	31.00	-3.6X			i	43	50.50		THE	143.96	314	ePKP	43	45.58	-2.5	
KONO	136.99	345	ePKP	43	30.10	-5.0X			i	46	26.00		HOF	144.03	335	iPKPc	43	45.80	-2.2	
PRNI	137.02	294	ePKP	43	23.80	-12.3X			i	47	15.50		GRG	144.19	314	ePKP	43	45.22	-3.3X	
ASK	137.21	348	ePKP	43	30.00	-5.4X			e	56	36.00		KHC	144.21	332	iPKPc	43	46.40	-2.0	
BBTK	137.22	308	ePKP	43	25.00	-11.3X	DEV	141.44	321	ePKPd	43	44.00	0.4		1.3s	657.30nm				
KIS	137.29	320	ePdiff	40	32.00	-11.5X	ALN	141.72	312	ePKP	43	38.86	-5.4X		Z	25s	48.90um			7.2MsZx
			e	43	35.00		IZM	141.74	308	iPKP	43	38.40	-6.1X		N	24s	24.10um			
			iPS	58	36.00		KSP	141.76	332	iPKPd	43	38.50	-5.6X		E	25s	25.70um			
FAM	137.31	301	ePKP	43	39.30	2.8			i	43	47.00				e	43	50.00			
SAGI	137.32	294	ePKP	43	24.20	-12.5X			iPP	47	10.00		GEC2	144.37	332	e(PKP)	44	02.50	13.8X	
DVR	137.40	310	ePKP	43	33.00	-3.6X	GZR	141.77	321	ePKPd	43	30.00	-14.3X		0.9s	384.10nm				

[illegible]

11d 19h

ISSF 154.76 342 PKP 44 03.22 -1.5
 EMON 155.68 353 iPKPc 44 04.96 -0.9
 ESEL 156.28 333 iPKPd 44 07.64 0.9
 EBR 156.33 338 ePKP 44 04.00 -2.8
 STS 156.34 355 iPKPd 44 07.32 0.6
 EROQ 156.36 338 iPKPc 44 06.80 0.0
 ERUA 156.69 353 iPKPc 44 07.53 0.3
 EZAM 157.08 355 iPKPd 44 08.54 0.8
 ETOR 157.16 342 iPKPc 44 08.39 0.4
 PDA 157.59 32 iPKPc 44 10.80 2.4
 GUD 157.87 346 iPKPc 44 09.43 0.6
 ECHE 157.94 339 iPKPc 44 09.52 0.7
 TOL 158.57 345 iPKP+ 44 10.20 0.7
 iPKKP 44 47.50
 iPP 48 20.00

EPLA 158.82 349 iPKPc 44 10.45 0.6
 EVIA 159.30 341 iPKPc 44 10.96 0.5
 EALH 159.64 338 iPKPd 44 11.56 0.8
 EHUE 160.08 340 iPKPc 44 10.20 -1.1
 EBAN 160.12 343 iPKPc 44 11.59 0.3
 ENIJ 160.71 338 iPKPd 44 12.57 0.7
 ELUQ 160.81 343 iPKPc 44 12.32 0.3
 ECOG 160.88 342 iPKPd 44 11.55 -0.6
 EGUA 161.29 341 iPKPc 44 10.64 -1.8
 EVAL 161.35 349 iPKPc 44 13.26 0.8
 EPRU 161.62 345 iPKPc 44 13.55 0.7
 MAL 161.64 343 iPKPc 44 12.50 -0.3
 i 44 53.00

GIBL 161.92 347 iPKP 44 16.00 2.9X
 ALJ 161.99 346 iPKP 44 16.00 2.7
 EJIF 162.17 345 iPKPd 44 14.79 1.5
 SFS 162.33 347 iPKP 44 15.00 1.6
 CNIL 162.38 347 iPKP 44 15.00 1.5
 PLAT 162.56 346 PKP 44 16.00 2.2
 IFR 164.84 341 iPKP 44 18.00 1.8
 i 44 23.00
 i 45 14.00
 i 45 21.50

AVE 165.63 348 iPKP 44 16.50 -0.1
 i 45 17.00
 i 47 59.00
 i 44 16.50 -0.8
 KIC 165.79 205 PKP 44 16.46 -0.9
 TIC 166.17 206 PKP 44 16.98 -0.6
 TIO 167.88 344 iPKPc 44 20.00 1.4
 i 45 13.50

TBT 168.71 32 iPKPd 44 20.60 1.6
 CHIE 169.45 36 iPKPd 44 21.60 2.2
 GGC 170.22 25 ePKPd 44 21.50 1.5
 CFTV 170.46 16 iPKPd 44 21.60 1.5
 ANTZ 170.75 353 iPKPc 44 21.00 0.8
 i 44 22.00
 i 44 30.00

MBO 172.57 130 iPKPc 44 22.60 1.4
 S.D. = 1.1 on 605 of 783 obs.

? OCT 11, 1992 20h 01m 22.46±1.15s
 18.275 S ±16.8km 166.717 E ±14.0km
 DEPTH = 33.0km (normal)

VANUATU ISLANDS REGION (185)

BKM 1.57 68 iP 01 48.90 0.5
 iS 02 11.00
 PVC 1.61 71 iP 01 48.40 -0.5
 iS 02 09.50
 DZM 3.79 184 iPd 02 20.00 0.0
 iS 03 04.10
 ASPA 31.06 254 eP 07 39.90 0.0
 0.5s 13.60nm 5.0mb
 S.D. = 0.7 on 4 of 4 obs.

? OCT 11, 1992 20h 16m 42.13±1.02s
 37.942 N ±8.9km 27.697 E ±12.9km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

CIN 0.46 138 iPd 16 51.00 -0.5
 iSg 16 56.00
 IZM 0.57 323 iPg 16 53.40 -0.3
 iSg 17 00.40
 YER 0.93 150 ePg 17 00.50 0.6
 eSg 17 15.50
 KHL 1.49 75 ePn 17 08.80 -0.2
 KCT 2.36 12 ePn 17 22.00 0.5
 S.D. = 0.7 on 5 of 5 obs.

? OCT 11, 1992 21h 15m 51.86±1.78s

53.472 N ±40.3km 169.841 W ±25.7km
 DEPTH = 33.0km (normal)
 3.9mb (2 obs.)
 FOX ISLANDS, ALEUTIAN ISLANDS (9)
 ML 4.4 (PMR).

ADK 4.46 252 eP 16 58.88 0.0
 eS 17 44.91
 SDN 5.77 67 eP 17 25.00 7.7X
 KDC 10.70 59 eP 18 27.50 1.8X
 SVW 10.83 39 eP 18 33.00 5.4X
 1.1s 26.40nm 5.4mb X
 TTA 11.93 32 eP 18 47.20 4.7X
 BGL 12.20 43 (P) 18 47.31 1.2
 SPU 12.29 44 (P) 18 47.88 0.5
 CRP 12.30 44 (P) 18 46.85 -0.7
 SLKM 12.77 49 eP 18 54.32 0.6
 IMA 14.95 26 (P) 19 22.86 0.5
 0.9s 6.28nm 3.9mb
 KLU 15.09 48 eP 19 22.93 -1.2
 TOA 15.21 46 eP 19 26.10 0.4
 FBA 15.97 36 eP 19 33.96 -1.4
 0.3s 2.36nm 3.8mb
 ULM 43.89 63 eP 23 51.50 -5.1X
 EEO 54.87 57 eP 25 13.50 -7.5X
 S.D. = 1.0 on 9 of 15 obs.

* OCT 11, 1992 21h 20m 10.75±1.44s
 42.518 N ±15.4km 1.503 E ±7.3km
 DEPTH = 10.0km (geophysicist)
 PYRENEES (378)
 ML 2.5 (LDG).

TRGS 0.34 92 P 20 17.96 0.1
 ENSF 0.91 289 P 20 27.91 -0.3
 EPF 1.00 301 Pn 20 30.10 0.4
 Pg 20 32.90
 Sn 20 47.60
 Sg 20 51.50
 LPO 2.18 354 Pn 20 48.70 1.2
 Sn 21 18.20
 Sg 21 25.00
 CAF 2.44 9 Pn 20 50.80 -0.5
 Sn 21 23.70
 Sg 21 31.90
 LFF 2.48 347 Pn 20 51.00 -0.8
 Sg 21 36.40
 S.D. = 0.9 on 6 of 6 obs.

? OCT 11, 1992 21h 50m 53.90±0.93s
 43.294 S ±17.5km 81.849 W ±16.3km
 DEPTH = 10.0km (geophysicist)
 WEST CHILE RISE (686)

MDZ 14.57 49 e(P) 54 19.60 -2.4
 CNCB 28.92 28 P 56 56.80 1.0
 LPB 29.13 28 P 56 48.30 -9.3X
 ZOBO 29.35 28 P 57 00.70 0.9
 SIV 32.47 39 P 57 27.00 0.3
 BAD 39.90 57 Pd 58 30.50 0.7
 e 58 35.20
 BDF 39.93 57 Pd 58 30.90 0.8
 e 58 36.70
 PDCR 47.85 63 eP 59 34.70 0.9
 NVL 51.01 155 eP 59 58.00 0.6
 GLA 81.75 332 eP 03 14.27 0.4
 e 03 18.43
 GSC 84.47 332 eP 03 27.68 -0.2
 MSU 85.95 337 (P) 03 35.36 0.0
 ORV 89.93 330 (P) 03 54.04 -0.1
 GEC2 124.03 53 PKP 09 50.60 -2.9
 0.7s 0.69nm
 MAIO 149.69 90 iPKPc 10 43.00 2.6X
 S.D. = 1.4 on 13 of 15 obs.

OCT 11, 1992 22h 24m 08.04±0.69s
 38.379 N ±5.9km 21.847 E ±7.5km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.2 (ATH), 2.7 (THE).

AGG 0.75 30 ePgc 24 20.40 -2.3
 VLS 1.01 259 ePn 24 26.50 -0.7
 eSn 24 43.50
 ATH 1.53 105 ePb 24 36.20 0.8
 LIT 1.79 16 ePbc 24 39.80 0.6
 eSb 25 03.20

VLI 1.87 152 ePn 24 40.20 -0.2
 KZN 1.93 358 ePn 24 42.00 0.8
 KEK 2.08 311 ePb 24 49.40 6.0X
 THE 2.41 21 ePn 24 48.20 0.1
 FNA 2.43 352 ePn 24 49.40 1.0
 GRG 2.61 9 ePn 24 51.40 0.4
 eSn 25 23.60
 SOH 2.70 25 ePn 24 51.80 -0.6
 KNT 2.90 16 ePn 24 54.68 -0.3
 VAY 2.99 10 iPn 24 56.50 0.2
 SRS 3.05 26 ePn 24 57.28 0.1
 SKO 3.60 355 ePn 25 09.60 4.5X
 S.D. = 0.9 on 13 of 15 obs.

& OCT 11, 1992 22h 34m 54.96s
 34.944 N 116.800 W
 DEPTH = 2.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.7 (PAS), 3.4 (GS).
 Felt (III) at Daggett.

GSC 0.36 359 iPc 35 02.06 0.0
 SSK 1.04 225 iPd 35 14.29 -1.1
 eS 35 26.31
 PEC 1.09 196 iPd 35 15.16 -1.0
 eLg 35 29.70
 ISA 1.55 298 eP 35 22.00 -1.6
 PLM 1.59 182 eP 35 23.39 -0.9
 ABL 1.99 268 ePn 35 28.17 -2.0
 ePg 35 31.37
 TPNV 2.05 12 ePn 35 29.58 -1.4
 GLA 2.50 138 ePnd 35 33.90 -3.4
 ePg 35 40.75
 BCH 2.70 276 ePn 35 38.41 -1.9
 PKEM 2.92 293 (P) 35 42.00 -1.3
 PHAM 3.07 288 eP 35 44.32 -1.1
 TNP 3.15 354 (Pn) 35 45.35 -1.3
 MEMM 3.22 328 (Pn) 35 47.87 0.5
 BONR 3.24 338 ePn 35 46.88 -1.2
 ePg 35 55.54
 ARUT 3.92 43 eP 35 56.36 -1.3
 CMB 4.23 318 eP 36 00.95 -0.9
 KVN 4.23 346 (P) 36 00.17 -1.8
 ARN 4.52 303 eP 36 05.16 -0.8
 MSU 5.15 45 eP 36 13.69 -1.4
 NTYM 5.83 308 (P) 36 23.83 -0.6
 DUG 6.12 30 (Pg) 36 49.52 20.8
 SRU 6.52 49 (P) 36 33.47 -0.9
 HVU 7.52 24 ePg 37 16.39 28.0
 23 obs. associated

* OCT 11, 1992 22h 43m 54.99±0.89s
 11.544 N ±12.6km 86.922 W ±13.2km
 DEPTH = 33.0km (normal)
 4.6mb (11 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX 6.18 303 eP 45 32.30 5.9X
 PRM 22.82 10 eP 48 57.82 1.6
 e 49 11.22
 JSC 23.21 12 eP 49 01.01 1.0
 LHS 23.50 13 eP 49 03.88 1.1
 UYO 23.55 344 iPc 49 03.30 0.0
 MIAR 23.69 346 iPd 49 04.91 0.3
 0.7s 21.18nm 4.8mb
 GBTN 24.14 5 eP 49 10.31 1.3
 OLY 24.21 351 eP 49 08.70 -1.0
 CEH 25.25 15 eP 49 19.79 0.1
 0.7s 12.88nm 4.6mb
 FNO 25.45 340 e(P) 49 20.50 -1.1
 TUL 25.55 343 eP 49 21.40 -1.1
 1.2s 85.20nm 5.2mb
 ALQ 29.29 326 iPc 49 57.59 0.7
 0.8s 3.00nm 4.1mb
 PcP 53 02.94
 JFWS 31.39 355 iPd 50 13.02 -2.0
 0.8s 14.90nm 4.9mb
 GOL 32.46 333 eP 50 23.93 -0.9
 0.8s 5.12nm 4.5mb
 PcP 52 19.35
 PV10 33.22 327 ePd 50 31.00 -0.5
 GLA 33.35 314 eP 50 34.46 2.1
 SRU 34.55 327 eP 50 42.50 -0.4
 RSNY 34.57 16 (P) 50 42.40 -0.3
 0.8s 6.98nm 4.6mb
 PLM 34.95 313 eP 50 49.15 2.8X
 MSU 35.05 324 eP 50 47.73 0.6

EMUT 35.22 327 eP 50 48.18 -0.4
 ARUT 35.31 322 (P) 50 50.03 0.7
 EEO 35.61 9 ePc 50 53.90 2.4X
 RSSD 35.66 339 eP 50 52.51 0.3
 0.8s 3.79nm 4.4mb
 DAU 35.88 328 eP 50 54.70 0.4
 TPNV 36.54 319 (P) 51 02.08 2.4X
 0.8s 8.06nm 4.7mb
 BW06 36.82 332 eP 51 00.70 -1.4
 1.0s 3.33nm 4.2mb
 SIV 37.45 136 iPc 51 07.20 -0.2
 BONR 38.45 319 eP 51 17.11 1.2
 ULM 39.29 351 eP 51 23.00 0.6
 LRM 40.49 332 eP 51 32.70 0.1
 SES 43.51 338 eP 51 56.00 -1.1
 RMW 46.24 328 (P) 52 20.71 1.7
 MCW 47.55 328 (P) 52 28.88 -0.4
 YKA 54.62 345 eP 53 19.30 -3.1
 0.8s 5.50nm 4.6mb
 WRA 139.50 253 PKP 03 22.00 0.2
 0.7s 0.10nm
 GBA 150.59 32 PKP 03 46.00 5.7X
 S.D. = 1.2 on 32 of 37 obs.

? OCT 11, 1992 23h 09m 52.13±14.26s
 43.076 N ±75.0km 0.223 W ±89.6km
 DEPTH = 5.0km (geophysicist)
 PYRENEES (378)
 ML 2.1 (LDG). Felt (II) in the
 Ossau Valley, France.

BTH 0.05 14 iPg 09 52.50 -1.1
 EPF 0.42 96 Pg 09 59.80 -0.7
 Sg 10 07.20
 LPO 1.90 32 Pg 10 24.90 -0.6
 Sg 10 51.00
 LFF 1.99 20 Pg 10 26.00 -0.7
 Sg 10 54.70
 CAF 2.48 41 Pg 10 37.80 4.0X
 Sg 11 09.70
 RJF 2.55 29 Pg 10 39.90 5.0X
 Sg 11 11.60
 S.D. = 0.4 on 4 of 6 obs.

OCT 11, 1992 23h 20m 34.77±0.09s
 50.458 N ±2.0km 153.167 E ±1.7km
 DEPTH = 284.8km (geophysicist)
 5.6mb (168 obs.)

KURIL ISLANDS (221)
 Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=220 Dip=65 Slip= 30
 NP2: 116 63 152
 Principal Axes:
 T P1g=38 Azm= 79
 P 1 348
 Comment: The focal mechanism is
 moderately well controlled and
 corresponds to strike-slip
 faulting with a large reverse
 component. The preferred fault
 plane is not determined.

RADIATED ENERGY
 No. of sto: 3 Focal mech. F
 Energy 4.7±2.6*10**14 Nm

SKR 1.88 82 iPnd 21 18.40 -1.1
 iS 21 51.80
 PET 4.26 51 iPnd- 21 44.00 0.4
 eS 22 36.00
 KUR 6.33 216 iPnc+ 22 09.00 0.9
 iS 23 21.00
 OKH 7.03 300 ePn 22 21.00 4.2X
 YSS 7.72 248 iPnc+ 22 28.70 3.4X
 iS 23 56.90
 SHO 7.89 216 iPnd 22 23.30 -4.1X
 Z 12s 1.80um
 KUSJ 9.37 221 P 22 41.50 -4.4X
 S 24 20.70
 ASAJ 9.55 232 iPd 22 50.50 2.3
 MGD 9.76 353 iPnd- 22 52.00 1.2
 Z 11s 1.00um
 N 11s 1.10um
 iS 24 42.00
 HOJ 10.56 224 iP+ 22 57.10 -3.6X
 S 24 47.40

SAP 10.98 232 eP 23 07.00 1.1
 eS 25 02.00
 MRRJ 11.57 231 P 23 12.30 -0.9
 eS 25 12.70
 SEY 12.48 358 iPnd 23 27.00 2.7
 iS 25 46.00
 SMY 13.21 72 iPd 23 33.92 0.7
 eS 26 00.89
 OFUJ 13.98 220 eP 23 38.70 -4.0X
 eS 26 03.70
 YAMJ 15.43 222 eP 23 58.20 -1.8
 eS 26 36.70
 VLA 16.28 251 iPc 24 05.00 -4.0X
 NIJJ 16.66 223 iPd 24 12.10 -1.0
 MDJ 16.92 259 iPd 24 14.89 -0.9
 1.0s 1790.00nm 6.5mb
 S 27 13.00
 ScP 31 51.00
 KAKJ 17.06 218 iPd 24 16.10 -1.2
 YAK 17.31 321 iPd- 24 20.00 0.3
 iS 27 22.00
 MAJO 17.59 223 iPd 24 22.33 -0.6
 MAT 17.59 223 iPd 24 22.20 -0.7
 0.8s 447.76nm 6.0mb
 eS 27 27.00
 CHJJ 17.67 221 iPd 24 22.90 -0.8
 MTMJ 17.74 224 iPd 24 24.00 -0.5
 IIDJ 18.62 222 P 24 33.30 -0.1
 ADK 18.90 74 eP 24 33.06 -2.9
 0.7s 356.11nm 5.9mb
 TSRJ 19.43 226 iPd 24 41.60 0.1
 CN2 19.92 261 iPc 24 44.80 -1.5
 1.4s 360.00nm 5.6mb
 esP 26 07.00
 S 28 05.00
 ScS 35 39.50
 WKYJ 20.70 225 P 24 55.20 1.2
 YONJ 20.92 231 P 24 57.30 1.2
 HIA 21.48 280 iPd 25 01.94 0.5
 TKSJ 21.61 228 P 25 04.60 1.8
 SHK 21.83 231 ePd 25 06.20 1.3
 1.3s 884.62nm 6.0mb
 SNY 22.12 258 iPc 25 08.00 0.3
 1.0s 410.00nm 5.8mb
 Z 18s 2.97um 4.7MsZ
 N 13s 1.68um
 E 12s 1.00um
 ScS 35 48.60
 ILT 22.31 28 iPc 25 09.60 0.4
 1.0s 160.00nm 5.4mb
 iS 28 52.00
 SHNJ 22.94 233 P 25 15.90 0.4
 BOD 23.72 303 iPd 25 23.10 0.6
 1.3s 248.00nm 5.5mb
 TIK 23.93 341 iPd- 25 24.40 0.1
 1.5s 620.00nm 5.8mb
 iP 26 18.00
 i 26 53.00
 eS 29 10.00
 i 35 54.00
 KUMJ 24.35 231 P 25 29.20 0.6
 CIT 24.62 289 eP 25 32.00 1.0
 e 26 59.00
 DL2 25.03 255 P 25 34.00 -0.7
 1.0s 330.00nm 5.7mb
 KAGJ 25.42 229 eP 25 39.10 0.7
 BJI 27.78 262 eP 25 58.50 -1.0
 1.2s 390.00nm 5.8mb
 epP 26 56.00 304kmX
 eS 27 30.00
 ePcP 29 07.00
 eS 31 59.00
 eScP 32 20.00
 ePcS 32 50.00
 eScS 36 11.00
 SDN 27.96 62 eP 25 59.03 -1.9
 0.7s 142.75nm 5.6mb
 TIA 29.50 255 Pd 26 14.20 -0.5
 1.2s 150.00nm 5.4mb
 eS 30 46.00
 TTA 29.71 46 eP 26 15.98 -0.4
 0.6s 46.89nm 5.2mb
 epP 27 11.29 284kmX
 SVW 29.92 49 eP 26 18.25 0.0
 0.8s 89.87nm 5.4mb
 i 26 30.03
 epP 27 13.92 286kmX

IRK 30.10 293 iP 26 20.20 0.4
 1.2s 549.00nm 6.0mb
 i 27 19.00 305kmX
 i 27 36.50
 e 29 13.20
 e 32 56.30
 e 36 22.50
 HHC 30.27 268 Pd 26 21.40 -0.1
 1.5s 290.00nm 5.6mb
 Z 10s 1.90um 5.0MsZ
 pP 27 17.00 285kmX
 S 31 00.00
 SSE 30.65 243 eP 26 24.00 -0.7
 1.0s 45.00nm 5.0mb
 E 10s 0.70um
 PcP 29 15.00
 S 31 04.00
 BRW 30.66 29 eP 26 26.00 1.6
 e 27 03.60 181kmX
 IMA 30.85 40 ePd 26 26.00 -0.4
 0.6s 19.55nm 4.8mb
 NJ2 31.30 247 Pc 26 30.00 -0.4
 1.0s 56.00nm 5.1mb
 ZAK 31.30 290 iPd- 26 31.50 1.3
 1.1s 840.00nm 6.2mb
 e 27 30.00
 epP 27 50.00 432kmX
 e 29 16.00
 e 33 36.00
 BTO 31.39 269 iPc 26 31.00 -0.3
 1.2s 120.00nm 5.3mb
 pP 27 27.50 288kmX
 BGL 31.47 49 ePc 26 31.93 0.2
 TIY 31.51 262 iPd 26 32.50 0.2
 1.0s 290.00nm 5.8mb
 pP 27 30.50 297kmX
 CRP 31.58 49 eP 26 33.02 0.2
 S 31 23.40
 SPU 31.64 49 ePc 26 32.87 -0.3
 epP 27 28.50 282kmX
 KDC 31.90 56 eP 26 33.97 -1.4
 0.5s 55.07nm 5.4mb
 MOY 32.24 293 iPd 26 39.30 1.0
 1.3s 724.00nm 6.1mb
 SLKM 32.61 50 eP 26 40.54 -1.0
 eS 31 33.72
 PMR 32.99 48 eP 26 43.06 -1.6
 0.7s 30.60nm 5.0mb
 epP 27 40.19 289kmX
 eS 31 41.98
 FBA 33.30 42 iPc 26 47.63 0.3
 0.6s 77.74nm 5.4mb
 epP 27 43.28 280kmX
 eS 31 45.25
 TOA 34.31 47 ePc 26 56.90 0.9
 KLU 34.53 48 ePc 26 57.90 0.1
 epP 27 54.09 283kmX
 eS 32 05.62
 WHN 35.06 250 Pd 27 02.00 -0.5
 0.6s 68.00nm 5.4mb
 PcP 29 27.50
 ScP 32 45.00
 NRI 35.45 326 iPd- 27 04.10 -1.2
 1.3s 52.00nm 4.9mb
 i 29 27.00
 eS 32 16.00
 XAN 36.03 260 Pd 27 10.00 -0.7
 1.2s 110.00nm 5.3mb
 E 12s 0.77um
 UER 36.31 295 iPd 27 13.50 0.8
 1.8s 162.00nm 5.2mb
 e 28 42.00 472kmX
 e 29 26.00
 e 37 00.00
 BALM 36.31 48 eP 27 13.45 0.6
 OZH 36.84 239 eP 27 18.50 1.0
 1.2s 250.00nm 5.6mb
 LZH 37.96 267 iPd 27 27.77 0.9
 1.5s 980.00nm 6.0mb
 esPc 28 57.72
 PP 29 05.00
 ePcP 29 36.62
 ScP 32 56.00
 ScS 37 07.00
 ENH 38.22 255 eP 27 28.05 -0.8
 ePcP 29 36.90
 GTA 38.57 274 iPd 27 32.50 0.6

	1.5s	480.00nm		5.7mb			e	31	17.00		PRS	60.37	68	iPc	30	15.65	-0.5			
Z	10s	1.60um		5.1MszX	AAK	52.29	294	ePd	29	18.84	-0.5	LLA	60.42	67	iPc	30	16.31	-0.2		
N	14s	1.10um			ARU	52.34	316	iPd	29	18.85	-0.5	KVN	60.43	64	eP	30	16.90	0.1		
		pP	28	29.50	280kmX			e	30	21.00	288kmX			eP	31	20.24	283kmX			
		PcP	29	38.00				esPc	30	51.28		PUL	60.80	331	ePc	30	19.00	0.3		
		ScP	32	57.50				eS	36	20.50			1.8s	640.00nm			5.9mb			
		S	33	09.50		GMW	52.37	58	ePc	29	20.01	0.3		e	30	59.00	171kmX			
		PcS	33	28.00				ePP	30	21.98	287kmX	MEMM	60.88	65	eP	30	20.26	0.8		
		ScS	37	10.00		LOE	52.48	250	ePd	29	20.30	-0.5	FRI	60.89	66	iPc	30	19.55	-0.1	
NVS	40.99	304	iPd	27	52.00	0.8	BMW	52.77	60	eP	29	22.55	-0.2	PRI	60.91	68	iPc	30	19.98	0.1
	1.5s	1100.00nm		5.9mb				ePP	30	24.52	287kmX	PTI	61.00	57	eP	30	21.42	0.9		
		e	29	22.00	484kmX			e	31	31.83				ePP	31	24.31	280kmX			
		i	29	35.00				eScP	33	57.58		BONR	61.06	65	eP	30	20.93	-0.1		
		j	29	45.00		DAG	52.94	358	iPc	29	22.00	-1.5		eScP	34	35.35				
		iS	33	32.00			1.1s	59.49nm		4.9mb		PHAM	61.28	68	eP	30	22.54	0.3		
		e	37	22.00				iPp	30	27.60	306kmX	PKEM	61.29	67	eP	30	19.47	-2.8		
SIT	40.99	52	eP	27	51.96	0.7	RMW	52.95	58	eP	29	23.71	-0.4	MOS	61.42	324	eP	30	21.00	-1.8
	1.2s	79.00nm		4.9mb				ePP	30	25.95	288kmX		2.0s	123.00nm			5.1mb			
CVP	41.17	229	ePc	27	52.30	-0.8	CHTO	53.09	254	iPd	29	25.40	0.1		eS	38	20.00			
CD2	41.36	261	iPd	27	54.80	0.1		0.9s	12.79nm		4.4mb X	HVU	61.53	58	ePc	30	24.21	0.2		
	1.0s	280.00nm		5.5mb				e	31	08.70	536kmX			ePP	31	27.33	281kmX			
		pP	28	54.00	289kmX	LON	53.38	59	ePc	29	27.10	-0.1	TNP	61.59	64	ePc	30	24.23	-0.3	
		S	33	45.00				ScP	33	58.94			0.6s	47.64nm			5.3mb			
HKC	41.39	242	iP	27	55.50	0.6	KSH	53.38	290	P	29	27.50	0.1		ePP	31	27.79	283kmX		
GVA	42.68	254	iPd	28	04.00	-1.5		0.9s	230.00nm		5.6mb	NUR	61.88	334	iP	30	24.80	-1.0		
	0.8s	110.00nm		5.2mb				pP	30	30.00	289kmX		0.5s	74.80nm			5.6mb			
Z	30s	1.95um		4.8MszX	SHW	53.49	59	eP	29	28.24	0.1	BCH	61.91	68	ePc	30	26.30	-0.2		
		pP	29	04.00	292kmX			ePP	31	41.40				ePP	31	28.93	278kmX			
		PcP	29	53.00		KEV	53.87	340	iP	29	30.10	-0.2		e	31	43.40				
		ScP	33	14.00			0.7s	34.70nm		4.9mb		OBN	62.29	325	eP	30	26.88	-1.7		
		PcS	33	42.00		COR	53.88	62	ePc	29	30.82	0.1		1.3s	600.00nm			6.1mb		
		S	34	02.00				(pP)	30	32.34	283kmX			ePcP	31	03.85				
		sS	35	48.00		KKM	53.95	228	ePd	29	32.00	0.3	ISA	62.53	67	eP	30	29.27	-1.3	
		ScS	37	33.00			1.2s	253.60nm		5.6mb			0.7s	34.15nm			5.1mb			
WMO	43.72	288	ePd	28	12.10	-1.5	APA	53.99	336	iPc	29	30.00	-1.3	BW06	62.56	55	iPc	30	30.50	-0.4
	1.5s	170.00nm		5.1mb				i	31	31.20	670kmX		1.0s	127.50nm			5.5mb			
N	10s	0.89um			BDT	54.25	253	eP	29	23.00	-10.7X			iPp	31	33.79	280kmX			
		pP	29	13.00	296kmX			ePP	30	34.28		MKS	62.60	218	iPd	30	30.80	-0.2		
		ePcP	29	53.00		DPW	54.63	56	eP	29	35.92	-0.3	DUG	62.61	59	ePc	30	31.12	0.0	
		PP	30	05.50				ePcP	30	34.28			0.7s	45.92nm			5.2mb			
		S	34	19.50				ePP	30	38.22	286kmX			ePP	31	34.96	283kmX			
PGP	45.21	227	iPc	28	25.80	0.3		e	31	45.52		SBC	62.65	68	ePc	30	31.10	-0.1		
PLP	45.51	221	eP	28	27.00	-0.8		eScP	34	04.76		ABL	62.65	68	eP	30	30.82	-0.7		
KMI	46.07	256	ePd	28	32.18	-0.3	VGB	54.71	59	eP	29	37.09	0.3	TPNV	62.93	64	eP	30	33.10	-0.2
	1.2s	210.00nm		5.3mb				ePP	30	39.58	286kmX		0.5s	41.21nm			5.3mb			
		ePPd	29	32.05	286kmX			e	31	46.32		IPM	63.13	242	ePd	30	35.20	0.7		
		e	30	02.12		TSM	54.73	225	ePd	29	37.60	0.5		1.1s	484.40nm			6.1mb		
		ePP	30	23.92		NST	54.78	250	eP	29	39.50	2.0	DAU	63.31	58	ePc	30	35.99	0.1	
		S	34	53.00		GUN	54.80	272	P	29	37.06	-1.0			ePP	31	40.14	283kmX		
QIZ	46.44	244	ePd	28	36.03	0.9	NEW	54.95	55	eP	29	37.50	-1.0	ULM	63.71	42	eP	30	40.50	2.6
		e	30	06.25	469kmX		0.9s	85.53nm		5.2mb		GSC	63.76	66	ePc	30	37.72	-0.8		
		ePP	30	27.50				ePP	30	40.00	286kmX			ePPc	31	39.53	272kmX			
MAP	46.68	221	eP	28	36.00	-1.0	KKN	55.26	273	P	29	40.50	-0.7	ARUT	63.94	62	eP	30	40.11	0.3
BIP	47.67	217	ePc	28	44.50	-0.1	PKI	55.33	272	P	29	40.74	-1.1	EMUT	63.97	58	ePc	30	40.06	0.0
YKA	47.96	39	eP	28	46.70	0.3		1.1s	604.00nm		6.0mb	KGM	63.97	238	ePd	30	40.20	0.2		
	0.5s	37.10nm		5.0mb		DMN	55.50	273	P	29	42.40	-0.5		1.1s	294.00nm			5.9mb		
CGP	48.07	219	iPc	28	47.00	-0.7		1.0s	991.00nm		6.2mb	AKU	64.00	356	iP	30	40.50	1.1		
KBS	48.85	351	eP	28	53.00	0.1	GKN	55.52	273	P	29	42.30	-0.7		1.3s	69.23nm			5.2mb	
HLK	49.43	108	(P)	28	57.43	-1.1	SOD	55.82	338	iP	29	43.20	-1.1	SSK	64.00	67	eP	30	39.37	-0.8
PPR	49.51	227	eP	29	00.00	1.4	SDF	55.83	338	iP	29	43.20	-1.3			ePP	31	42.93	280kmX	
MHA	50.04	108	eP	29	02.77	0.1	EKR	55.85	66	iPc	29	46.08	1.2	MOL	64.07	343	iPc	30	39.03	-0.9
PRZ	50.08	291	iPc+	29	03.50	0.5	FHC	55.88	65	iPc	29	46.56	1.4	MSU	64.14	60	iPc	30	41.27	0.1
	1.6s	40.00nm		4.5mb X	FOX	56.05	66	eP	29	47.91	1.6			ePP	31	45.11	281kmX			
LSA	50.21	270	ePd	29	05.10	0.7	SES	56.66	50	ePc	29	49.50	-1.0		eP'P'	59	16.46			
	2.0s	720.00nm		5.7mb			0.8s	115.00nm		5.4mb		UPP	64.30	337	iP	30	40.50	-1.0		
		ePPd	30	06.08	286kmX	WDC	56.86	65	ePc	29	50.83	-1.2		1.0s	300.00nm			6.0mb		
		esP	30	37.53			0.8s	42.92nm		5.0mb		RSSD	64.43	51	ePc	30	42.72	-0.2		
		ePP	31	02.63									0.6s	38.94nm			5.3mb			
		ScS	38	26.00		NNT	57.43	249	iPd	29	56.80	0.6			ePP	31	47.38	285kmX		
SVE	51.19	315	iPd	29	11.00	0.1	MIN	57.55	65	iPc	29	57.11	0.1		P'P'	59	20.79			
	2.1s	680.00nm		5.7mb		ORV	58.13	65	iPc	30	00.11	-0.7			P'P'	59	20.79			
Z	11s	0.50um		4.8MszX	FCC	58.16	34	ePc	30	03.10	2.4	PEC	64.54	67	ePc	30	42.47	-1.0		
N	11s	0.30um			NTYM	58.22	67	eP	30	00.97	-0.5		0.7s	28.10nm			5.1mb			
E	11s	0.40um					pP	31	03.46	282kmX			iPp	31	45.81	278kmX				
		e	30	15.00	301kmX	ZSP	58.76	67	eP	30	05.53	0.4	ASH	64.63	299	eP	30	45.00	1.1	
		e	30	43.20		BKS	58.82	67	iPd	30	05.90	0.4	SRU	64.63	59	ePc	30	44.11	-0.1	
		i	31	10.00		LRM	58.96	54	ePc	30	06.60	-0.2			ePP	31	47.93	280kmX		
		eS	36	07.00				e	31	10.50	288kmX			P'P'	59	18.01				
		eSS	39	43.00		PCC	58.98	67	iPc	30	06.47	-0.2	NB2	64.73	341	P	30	43.00	-1.3	
		eSSS	41	40.00		GCC	59.52	68	iPc	30	09.89	-0.5	HFS	65.00	339	eP	30	44.60	-1.4	
PGC	51.36	58	eP	29	12.00	-0.2	ARN	59.58	67	eP	30	10.30	-0.5		0.7s	105.00nm			5.7mb	
	0.6s	37.00nm		5.0mb	NDI	59.77	279	iPd	30	11.00	-1.1	NAO	65.01	341	P	30	44.29	-1.8		
MCW	51.67	57	iPc	29	14.83	0.2		0.5s	91.55nm		5.6mb	PLM	65.10	67	eP	30	46.90	-0.3		
		ePP	30	16.47	287kmX	CM8	59.79	66	eP	30	11.72	-0.6			ePP	31	50.01	277kmX		
		iPd	29	18.00	0.2		1.0s	72.78nm		5.2mb		MAIO	65.15	297	iPd	30	47.40	0.0		
FRU	52.10	294	iPd	29	18.00	0.2	SAO	60.03	68	eP	30	13.65	-0.2	MTN	65.92	204	eP	30	51.70	-0.6
	2.0s	570.00nm		5.7mb	KAF	60.10	334	iP	30	12.80	-1.2	PV10	65.96	59	eP	30	53.00	1.0		
		i	30	24.																

KONO	66.34	341	eP	30	54.50	0.0	1.0s	300.00nm	6.0mb	ASPA	75.74	198	iPd	31	51.00	0.4				
ASK	66.44	343	eP	30	54.00	-1.0	72.67	324	iPc	31	17.00	-15.8X	1.0s	52.00nm		5.2mb				
BER	66.50	343	eP	30	55.00	-0.5	72.67	325	eP	31	25.00	-7.8X		e	32	55.20	275kmX			
GLA	66.51	66	ePd	30	55.71	-0.3	72.71	331	iPc	31	33.70	0.7	ETA	75.75	347	iPc	31	50.30	0.0	
			iPp	31	59.58	279kmX	1.2s	0.84nm				3.3mb X	1.1s	145.00nm		5.6mb				
			eP*P*	59	22.86			i	31	34.90	4kmX		75.97	340	iPd	31	51.44	0.0		
GOL	66.97	55	ePd	30	59.74	0.7	EKA	72.74	346	Pd	31	32.50	-0.6	BBTK	76.02	317	eP	31	52.00	-0.1
	1.1s	39.80nm			5.1mb			0.6s	43.20nm			5.4mb	ECB	76.15	347	iPc	31	52.70	0.2	
			ePp	32	04.00	280kmX	SPC	72.85	330	iPd	31	33.80	-0.3		1.0s	116.00nm		5.6mb		
			P*P*	59	20.87			e	34	02.50	772kmX		PVL	76.23	324	iPc	31	53.00	0.0	
HYB	67.00	270	ePd	30	58.00	-1.2	BMR	73.08	327	ePc	31	38.00	2.8	ECP	76.28	347	iPc	31	53.40	0.2
	0.9s	150.00nm			5.7mb		CLL	73.11	335	iPd	31	34.40	-0.9		1.2s	374.00nm		6.0mb		
			e	31	25.00	108kmX		1.2s	330.00nm			5.9mb	DOU	76.29	340	Pc	31	53.50	0.2	
KHK I	67.03	221	ePc	30	57.30	-2.0	DZM	73.16	167	iPc	31	35.90	0.0		ed	32	05.80	42kmX		
			e	32	37.10	470kmX	BRG	73.24	334	iPd	31	34.80	-1.3	WLF	76.34	339	iPd	31	53.86	0.3
GRO	67.30	311	iPd	31	00.00	-0.7		1.2s	150.00nm			5.6mb	NAL	76.35	318	eP	31	54.50	0.5	
	1.0s	440.00nm			6.1mb		EEO	73.28	35	ePc	31	38.40	2.0	JMB	76.38	322	eP	31	51.00	-2.9
			e	39	36.00			i	31	36.30	5kmX		BHG	76.39	334	eP	31	54.60	0.7	
PPI	67.63	239	eP	31	02.70	-0.3	WIT	73.28	340	eP	31	38.00	1.8		1.2s	278.00nm		5.9mb		
TRT	67.72	224	ePc	30	47.00	-16.5X	AKKT	73.36	315	eP	31	37.70	0.6	FUR	76.43	335	eP	31	54.00	-0.2
	1.0s	117.70nm					KER	73.40	304	eP	31	36.00	-1.5	HRT	76.52	319	iP	31	54.80	0.0
PYA	68.03	313	iPd	31	04.00	-1.2	VR1	73.45	324	ePd	31	21.50	-15.9X	EYL	76.53	319	eP	31	54.70	-0.3
	1.0s	300.00nm			6.0mb		CFR	73.48	323	eP	31	37.00	-0.5	HOFF	76.58	337	P	31	55.26	0.4
			i	33	37.00		CVO	73.69	324	ePc	31	24.00	-14.8X	LANF	76.58	337	P	31	54.76	-0.2
			i	39	44.00		PRU	73.87	334	iPd	31	39.40	-0.3	SRBF	76.63	337	P	31	54.93	-0.3
			i	40	30.00			1.2s	186.20nm			5.7mb	GBZT	76.64	320	eP	31	58.00	2.6	
KIV	68.26	313	iPd	31	06.54	-0.2		e	33	18.50	453kmX		GPA	76.70	319	eP	31	56.00	0.2	
			(pP)	32	11.37	282kmX	VRAC	73.88	332	iPd	31	40.10	0.4	RSNY	76.70	33	eP	31	55.27	-0.4
			eSPc	32	42.55			e	34	27.50			0.8s	25.57nm		5.0mb				
JAQ	68.29	29	eP	31	05.50	-1.1	SHI	74.00	297	eP	31	31.00	-10.0X	RMQ	76.70	184	eP	31	56.00	0.3
MTA	68.97	310	eP	31	11.00	0.1	WTS	74.01	339	eP	31	41.00	0.5		0.4s	7.00nm		4.7mb		
			i	31	32.60	83kmX		0.9s	133.00nm			5.7mb	UYO	76.81	52	iPc	31	56.10	-0.3	
			e	32	15.00		MLR	74.06	324	ePd	31	25.00	-16.1X	ELC	76.84	47	iPc	31	57.00	0.5
			e	32	47.00		MOX	74.08	336	iPd	31	40.60	-0.3		ipP	33	03.52	285kmX		
BSD	69.18	336	iPc	31	11.70	-0.3		1.5s	201.00nm			5.6mb	MIAR	76.95	51	eP	31	57.03	-0.2	
	0.9s	200.00nm			5.8mb		PSZ	74.08	329	ePd	31	41.10	0.1		0.6s	21.68nm		5.1mb		
MUD	69.35	340	iPc	31	13.10	0.1	TRHT	74.08	315	eP	31	42.30	1.0	STR	76.96	337	P	31	57.65	0.6
	0.6s	31.00nm			5.2mb		ISR	74.13	324	ePc	31	27.50	-13.9X	VAL	77.01	350	iP	31	57.80	0.6
TUC	69.39	64	ePc	31	13.70	0.0	SVST	74.20	314	eP	31	43.20	1.3	ADAT	77.12	313	eP	32	01.40	3.3X
	1.3s	51.67nm			5.1mb		KART	74.25	317	eP	31	43.50	1.2	PTJ	77.12	331	iPd	31	57.60	-0.4
			ePp	32	17.64	277kmX	HOF	74.31	335	eP	31	41.90	-0.4	MBL	77.14	212	iPd	31	58.30	0.0
			PP	33	50.09		KAS	74.32	317	iPd	31	42.80	0.2		0.3s	14.00nm		5.2mb		
			eP*P*	59	14.96		CTK	74.41	316	eP	31	44.60	1.5	DIM	77.15	323	iPc	31	59.00	0.9
GRS	69.88	308	iPd-	31	16.20	-0.5	FNO	74.46	53	iPc	31	44.20	0.8	WTTA	77.16	334	ePc	31	58.80	0.4
	1.7s	250.00nm			5.7mb		TNR	74.54	325	ePc	31	44.00	0.4		0.8s	248.00nm		6.0mb		
			e	33	56.00		DMU	74.68	348	eP	31	44.00	-0.2	ZAG	77.19	331	iPd	31	58.00	-0.3
			eS	40	50.00			1.0s	139.00nm			5.6mb	OLY	77.22	49	iPc	31	58.52	-0.1	
ALQ	69.89	59	ePc	31	16.91	0.0	SRO	74.68	330	iP	31	44.10	-0.2		epP	33	05.16	285kmX		
	0.7s	29.67nm			5.1mb			e	34	37.70			WLS	77.22	337	P	31	58.42	-0.1	
			eP*P*	59	13.48		ZST	74.72	331	iPd	31	44.80	0.2	PGB	77.24	324	iPc	31	59.00	0.3
SOC	69.91	315	eP	31	17.00	0.4		0.9s	100.80nm			5.5mb	CDF	77.24	337	P	31	57.99	-0.7	
ANN	69.97	317	iP	31	17.50	0.6	PSN	74.73	322	eP	31	45.00	0.3	SQTA	77.32	334	ePd	31	59.00	-0.2
	1.8s	240.00nm			5.6mb		BUD	74.74	330	iP	31	45.60	0.9		1.0s	255.00nm		5.9mb		
ERE	70.27	310	iP-	31	20.00	1.0	WME	74.79	346	eP	31	45.50	0.6	LIBD	77.40	337	P	31	59.52	0.1
	2.0s	50.00nm			4.9mb			1.1s	55.00nm			5.2mb	PLD	77.42	323	iPc	32	00.00	0.4	
CTA	70.50	187	iPd	31	19.50	-0.8	KHC	74.92	334	P	31	40.30	-5.5X	LJU	77.43	332	eP	31	59.00	-0.6
			i	32	18.00	251kmX		1.0s	139.00nm			5.6mb		e(pP)	35	01.00				
GBA	70.55	268	P	31	22.00	1.2		i	31	45.60	17kmX		FVI	77.45	333	P	31	59.40	-0.3	
TAB	70.97	307	iPd-	31	24.00	0.7	GRF	75.05	336	iPc	31	47.50	1.0	ECH	77.45	337	P	31	59.70	-0.1
ELO	71.73	347	ePc	31	26.70	-0.5		1.1s	254.00nm			5.9mb	SLE	77.54	336	ePd	32	00.10	-0.1	
	1.0s	100.00nm			5.5mb		GEC2	75.14	334	e(P)	31	47.30	0.2	FEL	77.56	337	P	32	00.12	-0.4
JFWS	71.84	44	eP	31	27.22	-0.9		0.5s	49.00nm			5.5mb	VOY	77.63	332	eP	31	59.80	-1.1	
	0.7s	18.37nm			4.9mb		DLF	75.21	348	eP	31	47.10	-0.2	BNT	77.64	320	eP	32	01.70	0.8
			ePp	32	35.63	297kmX	DVR	75.26	318	eP	31	47.80	0.0	EDC	77.67	320	iP	32	02.00	1.0
EBH	71.91	347	ePc	31	28.00	-0.3	DCN	75.27	348	eP	31	47.40	-0.2	OGA	77.69	334	eP	32	01.60	0.3
BRNL	72.00	335	eP	31	27.50	-1.3		1.0s	104.00nm			5.5mb		1.0s	297.00nm		6.0mb			
WB2	72.04	199	iPc	31	28.80	-0.6	TNS	75.27	337	iPd	31	47.70	0.0	VBY	77.69	331	eP	32	00.50	-0.6
	0.5s	16.70nm			5.0mb		GZR	75.30	326	iPc	31	47.00	-1.0	VITF	77.73	338	P	32	00.80	-0.5
			ePp	32	37.60	299kmX	ELF	75.35	38	P	31	48.75	0.5	CEY	77.73	332	eP	32	00.50	-0.9
WRA	72.04	199	P	31	29.00	-0.4	ENN	75.36	339	eP	31	48.00	-0.1	BNH	77.77	31	eP	32	01.76	0.2
	0.8s	5.00nm			4.3mb X			1.0s	220.00nm			5.8mb		epP	33	08.23	284kmX			
EAB	72.09	347	ePc	31	29.20	-0.1	MEM	75.49	339	iPd	31	48.96	0.1	MOF	77.80	337	P	32	01.31	-0.4
	1.2s	101.00nm			5.4mb		BZS	75.51	327	iPc	31	40.00	-9.0X	ZLA	77.82	336	ePd	32	02.00	0.1
ESY	72.10	346	eP	31	29.00	-0.4	DLA	75.53	38	P	31	50.20	1.0	HAU	77.84	338	eP	32	02.00	0.1
OJC	72.10	331	eP	31	29.40	0.0	LDN	75.53	38	P	31	49.65	0.4		1.0s	100.40nm		5.5mb		
	0.8s	537.00nm			6.3mb		UZD	75.67	330	eP	31	49.20	-0.7	BSF	77.90	338	eP	32	02.20	-0.1
			i	31	30.70	4kmX	FVM	75.72	47	iPc	31	50.29	-0.1		1.1s	100.10nm		5.5mb		
EDI	72.18	346	ePc	31	29.40	-0.4		0.5s	111.90nm			5.8mb	ALN	77.93	322	iP	32	02.64	0.2	
	0.8s	39.00nm																		

11d 23h

PLE	78.28	327	iPd	32	04.57	0.1	MME	80.24	334	P	32	16.11	1.1	PMO	83.06	124	iP	32	31.00	1.5
LDMF	78.34	337	P	32	04.88	0.2		0.9s	410.90nm			6.2mb			1.0s	55.00nm			5.3mb	
VDL	78.46	335	eP+	32	06.20	0.7	RSP	80.28	336	P	32	14.44	-0.6	TPT	83.19	123	iP	32	31.70	1.5
IVA	78.51	327	iPd	32	05.55	-0.1	PPCY	80.29	314	eP	32	14.90	-0.2		1.0s	65.00nm			5.4mb	
LMN	78.59	26	ePc	32	09.10	3.1X	CRE	80.39	333	P	32	16.40	0.8	GRI	83.32	327	P	32	30.69	0.0
FLN	78.60	343	eP	32	06.10	0.1	MAF	80.40	340	eP	32	16.70	1.2		1.1s	258.10nm			5.9mb	
	0.9s	137.60nm				5.7mb		1.2s	465.35nm			6.2mb		RUV	83.48	123	iP	32	33.10	1.5
SRS	78.69	324	ePd	32	06.04	-0.5	TCF	80.41	340	eP	32	16.50	0.9		1.0s	50.00nm			5.3mb	
LDF	78.70	342	eP	32	06.60	0.1		1.2s	196.95nm			5.8mb		MTHF	83.52	339	P	32	32.91	1.3
	0.9s	99.60nm				5.6mb	GBTN	80.46	44	eP	32	16.09	0.1	LSPF	83.65	339	P	32	33.14	0.8
PVY	78.72	327	iPd	32	06.60	-0.3				epP	33	21.92	279kmX	LESF	83.71	340	P	32	33.57	1.0
EZN	78.73	321	iP	32	06.60	-0.2	FIR	80.46	333	eP	32	17.00	1.2	GRBF	83.84	339	P	32	33.79	0.5
SKO	78.75	325	iPd	32	06.00	-0.9				eS	42	04.00		FORT	83.88	202	eP	32	34.00	0.7
	1.3s	299.00nm				5.9mb	PCP	80.51	335	P	32	16.08	-0.1	EPF	83.92	340	eP	32	33.90	0.2
		i		32	07.40	5kmX	BNI	80.52	337	P	32	17.30	0.9		0.9s	135.60nm			5.8mb	
		i		32	13.20		NAV	80.54	41	eP	32	17.22	0.8	ETER	84.05	338	iPd	32	34.69	0.4
		i		32	21.20					epP	33	22.92	278kmX	SOI	84.11	327	P	32	34.30	-0.3
NKY	78.87	327	iPd	32	06.92	-0.7	BHB	80.57	336	P	32	15.67	-0.8	ATN	84.23	328	P	32	34.52	-0.7
VAY	78.90	324	iP	32	07.40	-0.3	LSF	80.59	340	eP	32	17.40	0.8		1.1s	57.70nm			5.3mb	
	1.0s	406.00nm				6.2mb		1.1s	224.65nm			5.9mb	HBF	84.45	43	(P)	32	37.34	0.9	
KNT	78.91	324	ePd	32	07.48	-0.3	MFF	80.61	342	eP	32	17.60	1.0	BWA	84.62	184	eP	32	39.00	2.0
BCK	78.94	317	eP	32	06.40	-1.7		0.8s	112.30nm			5.7mb	MNO	84.70	328	P	32	38.22	0.4	
BRY	78.95	328	iPd	32	07.33	-0.8	RRL	80.62	337	P	32	18.03	1.0		0.5s	35.60nm			5.5mb	
TMA	78.97	336	ePd	32	08.50	0.3	ASS	80.69	332	P	32	17.51	0.4	ECRI	84.91	342	iPc	32	39.20	0.5
KKS	79.03	326	eP	32	08.50	0.2		1.0s	177.30nm			5.8mb	EMON	84.95	346	iPd	32	37.69	-1.1	
GRR	79.03	343	eP	32	08.70	0.4	PII	80.72	334	P	32	16.60	-0.6	CGL	85.09	333	P	32	39.72	0.1
	0.9s	292.20nm				6.1mb	VLO	80.77	326	iP	32	18.40	0.9	ERC	85.30	330	P	32	41.36	0.7
SOH	79.04	324	ePc	32	08.00	-0.5	COLF	80.81	339	P	32	18.33	0.6		1.2s	303.60nm			6.0mb	
MDI	79.05	335	P	32	07.90	-0.5	BURJ	80.83	310	Pd	32	12.80	-5.3X	MEU	85.37	328	P	32	42.33	1.3
LOR	79.12	339	eP	32	09.00	0.2	SSB	80.83	338	P	32	18.48	0.6		0.8s	110.10nm			5.7mb	
	0.9s	189.35nm				5.9mb	DOI	80.89	336	P	32	17.20	-1.0	LVI	85.43	330	P	32	41.83	0.7
TTG	79.12	327	iPd	32	08.43	-0.4	FIN	80.91	335	P	32	17.93	-0.3		1.2s	539.40nm			6.3mb	
VAI	79.22	336	P	32	09.40	0.1	ROB	80.92	333	P	32	18.34	0.0	PZI	85.44	328	P	32	41.75	0.4
PRK	79.25	321	eP	32	09.50	0.0	PZZ	80.92	336	P	32	17.93	-0.5		0.8s	354.40nm			6.2mb	
MMK	79.26	336	iPd	32	10.40	0.5	AGG	80.99	323	ePc	32	17.16	-1.6	STS	85.68	347	iPd	32	41.43	-0.9
GRG	79.28	324	eP	32	09.64	-0.1	SALJ	81.08	310	Pc	32	19.00	-0.4	COOL	85.81	207	eP	32	42.50	-0.4
THE	79.35	324	eP	32	10.64	0.6	ENR	81.10	336	P	32	18.03	-1.3	MRWA	85.88	212	eP	32	43.20	-0.1
LBF	79.36	339	eP	32	10.30	0.2	SRN	81.10	325	iPd	32	18.90	-0.3	ERUA	85.94	346	iPd	32	43.11	-0.6
	0.7s	52.45nm				5.4mb	STV	81.11	336	P	32	18.23	-1.1	EBR	86.00	340	eP	32	43.00	-0.9
PHP	79.36	326	iPc	32	09.10	-1.1	AQU	81.11	331	P	32	19.90	0.6	EROQ	86.01	340	eP	32	44.07	0.0
HCY	79.37	328	iPd	32	09.42	-0.7	CBN	81.16	38	eP	32	20.00	0.4	ESEL	86.44	337	iPc	32	46.64	0.6
SDA	79.37	327	eP	32	11.60	1.5				e	33	29.00	293kmX	ETOR	86.54	341	iPc	32	46.69	0.0
DIX	79.38	337	iPd	32	11.20	0.7	KFNJ	81.20	310	P	32	20.00	0.1	BAL	86.92	211	eP	32	48.00	-0.3
SSF	79.39	339	eP	32	10.60	0.4	MNS	81.31	332	P	32	20.10	-0.2	GUD	87.12	343	iPd	32	48.49	-1.1
	0.8s	76.85nm				5.6mb	KEK	81.32	325	eP	32	20.20	-0.2	ECHE	87.50	340	iPc	32	51.18	-0.1
BDV	79.40	327	iPd	32	09.43	-0.9	DUI	81.41	330	P	32	21.25	0.3	KLB	87.50	210	eP	32	51.00	0.0
HVAR	79.40	329	iPc	32	09.20	-1.1		1.1s	88.00nm			5.5mb	TOL	87.84	343	iPd	32	52.50	-0.4	
LPF	79.41	343	eP	32	10.90	0.6	SBF	81.43	336	eP	32	21.40	0.4		1.4s	744.19nm			6.4mb	
	0.9s	285.65nm				6.1mb		1.0s	347.20nm			6.1mb	TOO	87.91	186	eP	32	54.00	1.1	
FAM	79.44	313	eP	32	11.40	0.8	RJF	81.50	340	eP	32	22.00	0.7		1.0s	23.00nm			5.0mb	
EMS	79.51	337	ePd	32	11.20	0.1	MAO	81.73	333	P	32	22.80	0.3	EPLA	88.03	344	iPd	32	53.42	-0.4
HRV	79.52	32	ePc	32	12.15	1.2	CAF	81.74	340	eP	32	23.90	1.3	MUN	88.35	211	eP	32	55.00	0.0
	1.1s	61.88nm				5.3mb		0.6s	70.70nm			5.6mb	EVIA	88.73	341	iPd	32	56.49	-0.7	
ULC	79.53	327	iPd	32	10.05	-1.0	RMP	81.82	331	P	32	23.00	0.0	EBAN	89.45	342	iPc	33	00.26	-0.2
BHL	79.55	311	P	32	10.00	-1.4	RDP	81.87	331	P	32	21.93	-1.4	EHUE	89.55	341	iPd	33	00.45	-0.5
IZM	79.56	320	iP	32	10.40	-0.9	RFI	81.88	330	P	32	23.69	0.4	ELUO	90.13	342	iPc	33	03.55	-0.1
ORO	79.65	336	P	32	11.40	-0.4		1.4s	516.60nm			6.1mb	ENIJ	90.28	341	eP	33	02.04	-2.2	
LACI	79.66	326	iPd	32	11.20	-0.5	FRF	81.92	336	eP	32	25.30	1.8	EVAL	90.56	344	iPc	33	05.27	-0.3
AVF	79.68	339	eP	32	12.30	0.6		1.2s	451.05nm			6.1mb	EGUA	90.69	342	iPc	33	05.28	-0.9	
	0.8s	156.35nm				5.9mb	LRG	82.10	336	eP	32	25.30	1.0	EPRU	90.89	343	iPc	33	07.29	0.2
BST	79.69	345	P	32	12.63	0.9		0.8s	247.10nm			6.1mb	ERJF	91.43	343	iPc	33	09.77	0.2	
SMF	79.71	339	eP	32	12.40	0.5	SGO	82.13	329	P	32	24.60	0.1	QRZ	92.48	165	P	33	13.10	-0.8
	1.3s	463.55nm				6.1mb	LPO	82.16	340	eP	32	26.00	1.3	AVE	94.86	344	iPc	33	25.00	-0.4
CSS	79.78	314	eP	32	12.50	0.0		1.1s	310.60nm			6.0mb	TIC	120.07	335	PKP	38	52.56	-0.5	
TBR	79.79	34	eP	32	12.42	0.0	LMR	82.17	336	eP	32	25.60	0.9		1.0s	38.50nm				
		epP		33	19.06	283kmX		1.1s	278.40nm			6.0mb	KIC	120.27	334	PKP	38	53.00	-0.4	
ELL	79.83	317	eP	32	12.90	0.0	PGF	82.23	334	eP	32	25.60	0.4		1.0s	33.00nm				
TIR	79.86	326	iPc	32	12.70	-0.1		0.9s	146.75nm			5.8mb	LIC	120.48	335	PKP	38	53.38	-0.4	
CIN	79.89	319	eP	32	13.00	0.0	VLS	82.38	324	eP	32	25.60	-0.4		1.1s	37.50nm				
NSL	79.94	337	P	32	13.65	0.3	CEH	82.46	40	iPc	32	26.64	0.3	KRI	124.03	286	iPKPc	39	01.50	0.7
RANU	79.95	215	iPd	32	14.30	1.0		0.6s	49.75nm			5.5mb	BUL	127.15	284	iPKPd	39	07.40	0.7	
LIT	79.99	324	ePc	32	12.52	-1.0				i	32	33.14			1.1s	37.97nm				
BGF	80.02	340	eP	32	14.10	0.6				epP	33	33.69	283kmX	ZOBO	132.50	59	PKP	39	18.00	0.4
	1.0s	126.00nm				5.7mb	TDS	82.59	328	P	32	27.20	0.2		1.6s	18.80nm				
LSD	80.02	336	P	32	14.95	1.1	PRM	82.60	44	eP	32	27.98	0.8			i		42	17.00	
BOB	80.06	335	P	32	14.60	0.8				epP	33	35.40	284kmX	LPB	132.71	59	PKP			

1.0s 14.00nm
SPA 140.27 180 ePKP 39 23.00 -7.0X
1.2s 7.75nm
PDCR 140.86 19 ePKP 39 25.90 -6.5X
BAO 141.29 34 e(PKP) 39 28.00 -5.3X
e 39 33.10
e 39 41.20
e 42 37.50
e 42 47.80
e 42 58.20
BDF 141.35 34 PKPc 39 29.00 -4.4X
e 39 34.00
e 39 36.70
e 39 42.00
e 42 38.10
TUH 142.39 279 iPKPd 39 28.20 -6.4X
1.1s 354.43nm
BLE 143.10 279 iPKPd 39 36.00 0.3
1.0s 190.00nm
MDZ 144.60 76 i(PKP) 39 38.50 0.0
PPD 145.75 43 ePKP 39 41.50 0.9
e 39 49.40
ITB1 146.57 50 PKP 39 45.60 3.8X
ITB7 147.08 50 e(PKP) 39 47.00 4.3X
VAO 148.41 37 ePKP 39 47.90 3.0X
JFO 148.53 30 ePKP 39 45.50 0.4
e 39 50.30
e 41 01.70
NVL 153.00 207 ePKP 39 49.00 -1.2
e 39 57.00
e 40 11.00
S.D. = 0.8 on 524 of 555 obs.

? OCT 11, 1992 23h 31m 16.65±2.43s
34.925 S ±18.5km 179.734 E ±20.8km
DEPTH = 207.1 ± 16.8 km
4.6mb (6 obs.)

SOUTH OF KERMADEC ISLANDS (179)

HBZ 2.91 203 eP 32 05.30 -0.7
e 36 39.20
KUZ 3.73 240 P 32 16.70 0.8
NOZ 3.93 200 eP 32 18.70 0.4
URZ 3.94 212 eP 32 18.10 -0.3
eS 33 26.60
WLZ 4.45 227 P 32 27.60 2.8
PAHZ 4.48 208 eP 32 27.10 1.9
WCZ 4.52 255 P 32 25.70 0.0
OUZ 5.04 265 P 32 30.40 -1.9
MOZ 5.33 227 eP 32 39.70 3.6X
NGZ 5.38 217 P 32 38.90 2.1
WAHZ 5.47 208 eP 32 38.20 0.3
KIW 7.05 211 eP 32 57.60 -0.6
MTW 7.06 207 eP 32 57.20 -1.2
MRW 7.44 211 eP 33 02.20 -1.2
eS 34 44.60
TCW 7.61 213 eP 33 04.30 -1.4
KHZ 8.91 211 eP 33 21.30 -1.2
eS 35 16.20
MOZ 10.34 210 eP 33 39.10 -1.9
eS 35 49.10
ODZ 12.27 212 eP 34 05.70 0.1
BWA 25.71 262 eP 36 32.20 2.7
RMO 27.85 279 eP 36 50.50 1.6
0.9s 17.00nm 4.8mb
CTA 32.99 288 iPc 37 32.00 -2.0
0.7s 7.71nm 4.4mb
e 38 40.00
WBZ 42.59 278 iPd 38 53.00 -0.9
1.0s 18.90nm 4.6mb
WRA 42.60 278 P 38 53.50 -0.5
0.9s 6.20nm 4.1mb
MEEK 52.46 261 eP 40 11.00 0.7
MBL 53.90 268 eP 40 20.00 -0.9
SPA 55.26 180 iPc 40 38.80 8.4X
0.7s 15.63nm 4.8mb
MAW 67.41 202 eP 42 00.00 8.8X
0.9s 13.00nm 4.7mb
BUL 118.75 211 iPKPc 49 43.50 1.4
0.7s 5.48nm
KRI 121.22 214 iPKPc 49 48.20 1.3
KAF 148.05 337 ePKP 50 29.50 -5.1X
0.6s 18.40nm
NUR 149.77 336 iPKP 50 35.30 -2.0
0.6s 35.90nm
LIC 151.10 170 PKP 50 47.20 6.5X
KIC 151.28 171 PKP 50 47.34 6.4X

NB2 152.85 348 PKP 50 42.10 0.2
0.7s 15.20nm
HFS 153.19 344 ePKP 50 42.50 0.2
0.8s 24.10nm
S.D. = 1.5 on 29 of 35 obs.

? OCT 11, 1992 23h 40m 58.40±1.29s
20.494 S ±19.5km 168.266 E ±23.9km
DEPTH = 33.0km (normal)
4.3mb (5 obs.)

LOYALTY ISLANDS (188)

DZM 2.31 227 iPc 41 32.10 -2.9
iS 42 00.60
BKM 2.81 360 iP 41 40.50 -1.5
RMO 18.86 248 eP 45 19.60 1.3
0.7s 16.00nm 4.3mb
CTA 20.65 267 iP 45 38.50 0.6
1.1s 15.82nm 4.3mb
i 45 48.00
OLP 22.83 250 eP 46 01.00 1.2
STK 26.41 239 eP 46 34.50 0.6
0.7s 4.50nm 4.2mb
WBZ 31.80 265 eP 47 20.80 -1.5
0.8s 1.10nm 3.8mb
MAT 63.44 333 eP 51 36.00 8.8X
1.0s 10.00nm 4.9mb
CHTO 78.35 295 eP 52 59.00 1.5
BRG 143.57 332 e(PKP) 00 29.70 -1.6
SKO 144.79 315 iPKPc 00 33.70 0.0
1.0s 59.00nm
i 00 42.80

KHC 144.99 331 PKP 00 34.00 0.2
1.3s 12.00nm
e 00 43.00
e 01 30.50

GEC2 145.14 330 PKP 00 34.40 0.2
1.0s 3.99nm
GRF 145.62 333 iPKPc 00 36.80 1.9
e 00 45.70

WLF 147.59 338 PKPc 00 43.00 5.0X
DOU 147.74 340 PKPc 00 41.80 3.6X
1.0s 22.20nm
e 00 51.60

OGA 147.82 330 iPKPc 00 42.90 4.1X
CDF 148.22 336 ePKP 00 42.80 3.6X
1.1s 13.65nm
BSF 148.88 336 ePKP 00 44.60 4.3X
1.4s 23.10nm

HAU 148.91 336 ePKP 00 44.70 4.5X
0.8s 8.35nm
FLN 150.38 345 ePKP 00 47.80 5.4X
1.0s 17.60nm

LOR 150.44 338 ePKP 00 48.30 5.8X
1.0s 12.20nm
LBF 150.64 338 ePKP 00 48.80 5.9X
SSF 150.74 338 ePKP 00 49.10 6.1X
1.1s 12.95nm

LPL 150.77 333 ePKP 00 49.70 6.3X
1.1s 14.40nm
LPG 150.78 333 ePKP 00 49.90 6.4X
0.7s 6.05nm

GRR 150.82 345 ePKP 00 49.10 6.1X
1.1s 27.85nm
LPF 151.20 345 ePKP 00 49.90 6.3X
1.1s 26.60nm

BGF 151.40 339 ePKP 00 50.60 6.6X
0.7s 5.50nm
SBF 151.74 330 ePKP 00 51.00 6.3X
1.0s 13.20nm

TCF 151.85 339 ePKP 00 51.50 6.8X
1.1s 8.30nm
PGF 151.93 326 ePKP 00 51.80 6.8X
0.7s 9.70nm

LSF 152.10 340 ePKP 00 51.80 6.8X
FRF 152.34 330 ePKP 00 52.50 7.1X
LRG 152.56 331 ePKP 00 53.30 7.6X
1.2s 14.90nm

S.D. = 1.6 on 13 of 35 obs.

? OCT 11, 1992 23h 53m 33.74±2.95s
32.784 S ±19.5km 71.311 W ±14.9km
DEPTH = 47.4 ± 24.6 km

NEAR COAST OF CENTRAL CHILE (135)
MD 3.8 (SAN).

ROCH 0.31 127 iP+ 53 43.04 0.0

JACH 0.61 81 iS 53 49.88
iP+ 53 46.44 0.0
iS 53 56.24

PEL 0.64 125 iPd 53 46.90 0.2
iS 53 56.92
iS 53 47.65 -0.1

LCCH 0.72 197 iPd 53 58.73
iS 53 50.57 0.0
TACH 0.92 160 iP+ 53 50.57 0.0
iS 54 03.55

FCH 1.01 123 iP+ 53 52.09 0.0
iS 54 06.04
PCH 1.07 142 iP 53 52.45 -0.2
iS 54 08.31

LNv 1.17 184 iP 53 54.17 0.2
iS 54 09.72
CHCH 1.27 155 iP 53 55.43 0.0
iS 54 13.45

S.D. = 0.2 on 9 of 9 obs.

? OCT 12, 1992 00h 02m 10.28±1.26s
36.000 N ±20.0km 30.841 E ±21.8km
DEPTH = 33.0km (normal)

TURKEY (366)
ML 2.9 (CSS).

ELL 1.06 315 ePn 02 28.90 -0.1
BCK 1.47 352 ePn 02 34.90 0.1
PPCY 1.66 132 eP 02 37.60 0.2
eS 03 02.50

CSS 2.28 116 eP 02 46.20 -0.2
eS 03 17.60
S.D. = 0.3 on 4 of 4 obs.

? OCT 12, 1992 00h 06m 59.12±2.97s
11.156 N ±11.6km 62.042 W ±33.1km
DEPTH = 33.0km (normal)

WINDWARD ISLANDS (95)
MD 2.8 (TRN).

TRN 0.81 129 eP 07 12.64 -1.4
eS 07 22.22

TPP 1.02 145 eP 07 17.55 0.5
eS 07 28.07
GRW 1.07 20 eP 07 17.78 -0.1
eS 07 30.63

TBH 1.17 125 eP 07 19.91 0.7
eS 07 33.65
PIG 1.18 90 eP 07 19.55 0.2
eS 07 33.13

S.D. = 1.2 on 5 of 5 obs.

& OCT 12, 1992 00h 17m 36.31s
34.942 N 116.804 W
DEPTH = 3.2km

SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS).

GSC 0.36 360 iPc 17 43.37 -0.1
eS 17 48.11

SSK 1.03 225 eP 17 55.55 -1.1
eS 18 09.15
PEC 1.09 196 eP 17 56.22 -1.2
eS 18 09.76

ISA 1.54 298 eP 18 03.28 -1.5
PLM 1.59 182 ePn 18 04.77 -0.7
ABL 1.99 268 (P) 18 11.88 0.5

TPNV 2.05 13 ePn 18 11.28 -1.0
ePg 18 14.31
GLA 2.50 138 (Pn) 18 17.57 -1.0
ePg 18 22.29

BCH 2.70 276 ePn 18 20.84 -0.7
TNP 3.15 354 (Pn) 18 26.62 -1.3
ePg 18 35.83

MEMM 3.22 328 (P) 18 26.90 -1.8
BONR 3.24 339 ePn 18 27.84 -1.5
ARUT 3.93 43 (Pn) 18 37.80 -1.2

MSU 5.15 45 (P) 18 54.21 -2.2
14 obs. associated

? OCT 12, 1992 00h 18m 40.16±3.78s
43.844 N ±71.6km 7.161 E ±29.6km
DEPTH = 10.0km (geophysicist)

NEAR SOUTH COAST OF FRANCE (379)
ML 2.1 (LDG).

SBF 0.20 84 Pg 18 44.50 -0.1
Sg 18 50.60

12d 00h

FRF 0.47 233 Pg 18 48.80 -0.9
Sg 18 57.40
LMR 0.70 223 Pg 18 54.30 0.4
Sg 19 05.50
LRG 0.70 236 Pg 18 54.50 0.5
Sg 19 05.50
S.D. = 1.1 on 4 of 4 obs.

% OCT 12, 1992 01h 11m 57.66 ± 1.57s
17.130 N ± 10.1km 61.948 W ± 10.2km
DEPTH = 54.5 ± 21.2 km
LEEWARD ISLANDS (92)
MD 2.5 (TRN).

BPA 0.12 134 eP 12 07.00 -0.2
S 12 15.00
MGH 0.48 212 eP 12 09.47 0.4
eS 12 20.10
CPB 0.52 13 eP 12 09.69 0.2
eS 12 20.35
NEV 0.60 271 eP 12 10.14 -0.3
eS 12 20.82
DEG 1.18 134 eP 12 18.00 -0.1
MGG 1.35 153 eP 12 20.50 0.0
S.D. = 0.4 on 6 of 6 obs.

& OCT 12, 1992 02h 34m 25.16s
40.284 N 124.415 W
DEPTH = 21.9km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 3.2 (GM).

FHC 0.61 32 ePc 34 36.61 -0.5
WDC 1.46 78 ePc 34 48.60 -1.8
ORV 2.36 107 eP 35 00.02 -3.3
3 obs. associated

? OCT 12, 1992 02h 50m 29.01 ± 0.65s
22.924 S ± 9.2km 66.432 W ± 9.8km
DEPTH = 247.8 ± 8.9 km
JUJUY PROVINCE, ARGENTINA (128)

YJA 1.14 49 iPd 51 04.30 -1.2
S 51 27.50
SLA 1.99 155 iPd 51 12.80 1.1
ANT 3.74 257 iP+ 51 29.70 -0.4
iS 52 13.50
CNCB 6.25 346 P 52 02.00 0.5
S 53 11.70
LPB 6.55 346 iPc 52 05.70 0.6
S 53 17.00
ZOB0 6.79 346 P 52 08.00 -0.3
1.0s 22.50nm 4.1mb
S 53 25.20

ITB1 11.16 101 P 53 12.50 9.3X
PPD 14.01 89 eP 53 38.60 0.0
e 53 44.40
VAO 17.93 94 eP 54 23.60 0.2
BAO 18.85 71 Pc 54 33.50 0.6
e 54 40.80
e 54 46.10

BDF 18.91 71 e(P) 54 34.00 0.4
e 54 35.00
JFO 21.41 91 (P) 54 57.00 -1.2
OLY 62.76 337 (P) 01 03.60 33.5X
KIC 66.92 72 P 00 56.90 -0.3
S.D. = 0.8 on 12 of 14 obs.

? OCT 12, 1992 02h 56m 12.99 ± 1.78s
13.542 N ± 19.2km 91.879 W ± 28.7km
DEPTH = 33.0km (normol)
4.4mb (2 obs.)
NEAR COAST OF GUATEMALA (71)

TPX 1.40 345 iP 56 37.00 0.5
iS 57 08.00
SCX 3.26 347 iP 57 04.30 1.4
iS 57 39.00
OXX 5.85 308 iP 57 40.50 0.6
ALQ 25.05 331 eP 01 34.55 -1.5
1.0s 3.59nm 3.9mb
PV10 29.05 331 ePc 02 11.50 -1.1
LRM 36.58 336 eP 03 17.40 -0.6
YKA 51.50 347 eP 05 16.70 -0.6
0.9s 10.20nm 4.8mb
WRA 135.39 255 PKP 15 33.50 1.4
0.9s 0.10nm

S.D. = 1.3 on 8 of 8 obs.
? OCT 12, 1992 03h 17m 38.85 ± 2.60s
11.212 N ± 10.7km 61.981 W ± 30.4km
DEPTH = 33.0km (normol)
WINDWARD ISLANDS (95)
MD 3.0 (TRN).

TRN 0.80 135 iP 17 52.39 -1.2
eS 18 04.87
GRW 0.99 18 eP 17 56.54 0.0
eS 18 11.79
TPP 1.03 150 eP 17 57.26 0.3
eS 18 10.17
PIG 1.12 93 eP 17 58.18 -0.1
eS 18 14.24
TBH 1.15 129 eP 17 59.75 1.0
eS 18 14.18
S.D. = 1.2 on 5 of 5 obs.

OCT 12, 1992 03h 38m 19.23 ± 0.34s
36.744 N ± 8.8km 71.481 E ± 7.6km
DEPTH = 33.0km (normol)
5.1mb (10 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG. (717)

NDI 9.38 147 iPc 40 36.00 0.9
0.5s 52.82nm 6.0mb
MAIO 9.66 271 ePn 40 39.00 -0.1
0.8s 11.35nm 5.2mb
eSn 42 11.00

GKN 14.11 124 P 41 39.36 0.3
0.3s 157.00nm 6.2mb X
KKN 14.68 124 P 41 46.30 -0.3
0.6s 167.00nm 5.7mb
DMN 14.69 124 P 41 46.68 0.0
0.3s 118.00nm 5.7mb

PKI 14.91 124 P 41 49.34 -0.3
GUN 15.01 122 P 41 50.88 -0.1
0.3s 73.00nm 5.5mb
HYB 20.24 160 eP 42 54.70 0.2
1.0s 40.00nm 4.7mb
eS 46 20.80

GBA 23.65 165 P 43 28.00 -0.5
S 47 41.00
KAF 37.63 327 eP 45 33.10 0.7
0.4s 1.70nm 4.3mb
NUR 37.86 324 iP 45 34.90 0.6
0.4s 12.10nm 5.1mb

BRG 42.78 308 e(P) 46 14.00 -1.1
e 46 44.00
GEC2 43.11 305 eP 46 18.40 0.5
0.6s 0.42nm 3.4mb X
HFS 43.11 322 eP 46 17.70 0.0
0.6s 10.30nm 4.8mb

NB2 44.42 323 P 46 28.00 -0.3
0.6s 7.30nm 4.7mb
WRA 81.79 122 P 50 35.80 -0.6
0.8s 0.10nm 2.9mb X
S.D. = 0.6 on 16 of 16 obs.

OCT 12, 1992 03h 55m 19.08 ± 0.49s
58.190 N ± 4.6km 142.792 W ± 2.6km
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
ML 4.1 (PMR), 3.9 (PGC), 3.8 (AEIC).

WRG 1.89 12 iPd 55 52.34 0.6
S 56 15.32
CYK 1.91 5 iPd 55 52.85 1.0
eS 56 15.30
KAIM 1.93 335 iPd 55 53.40 1.1
eS 56 14.22

SNH 2.00 359 iPd 55 53.99 0.7
eS 56 17.20
YKU 2.10 48 ePc 55 56.60 2.0
MID 2.22 305 P 55 57.70 1.2
S 56 19.70
YAH 2.25 13 iPd 55 57.81 0.8
eS 56 21.92

WAX 2.27 359 iPd 55 57.35 0.1
HMT 2.28 341 iPd 55 57.82 0.4
PNL 2.30 48 iPd 55 57.80 0.1
PCA 2.32 33 iPd 55 58.20 0.3
S 56 23.47

HQN 2.40 56 iPc 55 58.99 0.0

BCPM 2.40 41 iPd 55 59.16 0.1
S 56 24.98
RAGM 2.41 337 eP 55 59.59 0.4
TGL 2.57 360 iPd 56 01.87 0.3
CROM 2.58 356 iPd 56 01.92 0.1
SGAM 2.63 333 iPd 56 02.97 0.7
CVA 2.81 329 eP 56 04.61 -0.2

BALM 2.86 4 iPd 56 06.14 0.4
CTGM 2.88 14 iPd 56 06.17 0.2
HIN 2.92 321 ePc 56 06.94 0.5
FID 3.18 325 eP 56 10.65 0.5
LTI 3.20 308 iPc 56 10.56 0.2
GLB 3.30 351 iPd 56 11.90 0.0

KNIM 3.34 313 ePc 56 12.16 -0.2
VLZ 3.45 330 eP 56 13.76 -0.2
eS 56 52.09
VZW 3.45 328 ePc 56 13.99 0.0
GLI 3.48 323 ePc 56 13.97 -0.3

KLU 3.67 336 iPd 56 17.20 0.0
HYT 3.77 43 P 56 18.60 -0.1
SEW 3.93 302 ePc 56 20.31 -0.4
eS 57 03.37

MPA 4.08 307 iPd 56 22.26 -0.5
TZL 4.08 342 eP 56 23.75 0.9
PTE 4.15 313 ePc 56 23.35 -0.5
SIT 4.17 103 eP 56 21.57 -2.5
eS 57 04.40

TOA 4.28 338 P 56 26.20 0.5
SCM 4.31 330 ePc 56 26.16 0.0
KNK 4.32 321 ePc 56 26.62 0.4
SLKM 4.46 305 eP 56 27.90 -0.3
SDG 4.56 344 eP 56 29.61 -0.1

SML 4.57 325 ePc 56 30.00 0.1
PMS 4.60 315 eP 56 30.00 -0.2
PLRM 4.67 320 eP 56 31.21 0.0
PMR 4.67 320 eP 56 30.95 -0.3
S 57 21.50

GHO 4.73 322 eP 56 32.67 0.4
HOM 4.82 292 eP 56 34.24 0.9
PAX 4.97 346 eP 56 35.06 -0.6
SYI 5.07 279 eP 56 38.33 1.5
SUA 5.18 313 eP 56 37.83 -0.8

KDC 5.18 269 ePn 56 38.77 0.3
RDT 5.46 300 eP 56 41.72 -0.8
DOT 5.51 354 eP 56 42.88 -0.3
SPU 5.57 307 ePc 56 42.42 -1.6
RED 5.58 298 eP 56 42.99 -1.2

RS1 5.59 298 eP 56 44.74 0.3
DFR 5.60 300 eP 56 44.35 -0.1
OPT 5.60 290 eP 56 45.41 0.9
BKG 5.61 305 ePc 56 43.87 -0.7
CGLM 5.61 308 eP 56 43.75 -0.9

RDW 5.62 298 eP 56 44.83 0.0
INW 5.65 294 eP 56 46.25 1.1
CRP 5.65 307 eP 56 43.57 -1.7
Lg 57 48.44

AUP 5.65 286 eP 56 46.58 1.3
AUH 5.67 286 eP 56 46.96 1.6
NCG 5.72 308 eP 56 45.32 -0.9
CDD 5.73 282 eP 56 46.91 0.7
BGL 5.75 306 ePn 56 45.44 -1.1

SKT 5.79 315 eP 56 46.62 -0.5
DWY 6.10 14 P 56 51.00 -0.4
MCNL 6.10 284 eP 56 51.62 0.2
HDA 6.55 344 eP 56 57.75 -0.1
SVW 7.13 300 ePn 57 04.65 -1.3

FBA 7.14 343 ePd 57 03.54 -2.5
GLM 7.16 344 eP 57 04.50 -1.9
TTA 8.05 312 (P) 57 18.60 -0.3
IMA 9.39 332 eP 57 37.30 -0.1
SDN 10.13 261 eP 57 48.22 0.8
SES 19.95 99 eP 59 54.00 0.2
S.D. = 0.9 on 78 of 78 obs.

* OCT 12, 1992 04h 43m 54.84 ± 1.72s
32.284 S ± 13.5km 71.020 W ± 14.7km
DEPTH = 70.5 ± 18.1 km
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

JACH 0.54 138 iPd 44 07.98 -0.4
iS 44 18.38
ROCH 0.69 179 iPd 44 09.68 -0.4
iS 44 21.43
PEL 0.90 162 iP 44 12.36 -0.1
iS 44 26.21

SAN	1.20	166	iP	44	16.80	0.5	BWZ	27.36	201	eP	52	13.60	-2.0	RSSD	91.62	43	ePd	59	30.68	0.5
			iS	44	33.90		BRS	28.97	248	iPc	52	30.80	0.7		0.8s		6.00nm			4.6mb
FCH	1.21	150	iPd	44	17.00	0.3		0.6s		34.00nm			5.1mb	LZH	93.05	307	eP	59	37.00	0.1
			iS	44	34.25					i	52	35.00			1.4s		26.00nm			5.1mb
LCC	1.27	201	iPd	44	17.32	0.1	ARMA	30.55	243	iPd	52	45.30	1.3	NB2	138.08	354	PKP	05	46.30	0.1
			iS	44	35.74			0.5s		59.00nm			5.4mb		0.7s		2.90nm			
TACH	1.37	177	iP+	44	18.42	0.0	RMQ	32.42	251	iPc	53	01.30	1.2	EKA	143.86	6	PKPc	05	53.70	-2.7
			iS	44	37.56			0.4s		40.00nm			5.3mb		0.7s		11.30nm			
PCH	1.40	162	iP	44	19.12	0.2	CN8	33.75	235	iPc	53	12.40	0.9	DMU	144.75	10	ePKP	05	56.90	-1.1
			iS	44	38.42			0.9s		52.00nm			5.1mb	DCN	145.22	11	ePKP	05	58.50	-0.3
CHCH	1.67	169	iP+	44	22.92	0.3	CAN	34.04	235	eP	53	14.00	0.2	DLF	145.40	10	ePKP	05	59.00	-0.1
			iS	44	45.68		BWA	34.22	237	eP	53	14.20	-1.2	WME	145.63	8	ePKP	05	59.60	0.1
LVN	1.70	191	iPd	44	22.50	-0.4	CTA	34.74	263	iPc	53	20.20	0.3		0.9s		44.00nm			
			iS	44	45.96			0.9s		23.11nm			4.7mb	ETA	146.03	10	ePKP	06	01.40	1.3
RTCV	2.15	79	iPc	44	30.00	0.8	QLP	36.46	251	iPc	53	34.60	0.4	ECB	146.25	11	ePKP	06	01.70	1.2
			S	44	57.20			0.5s		132.00nm			5.7mb	CLL	147.29	349	iPKPd	06	04.70	2.5X
RTLL	2.37	67	ePd	44	32.50	0.2	TOO	37.43	233	iPd	53	42.90	0.6		0.9s		40.00nm			
MRA	4.50	93	e(P)	45	00.80	-1.2		0.7s		101.00nm			5.4mb	SPC	147.34	339	ePKP	06	05.70	3.1X
TCA	5.55	82	e(P)	45	14.00	-2.9X	STK	39.27	243	eP	53	58.00	0.6	WTS	147.41	356	ePKP	06	05.00	2.7X
			e	46	12.00			0.5s		27.50nm			4.8mb		0.9s		34.00nm			
S.D. = 0.6 on 13 of 14 obs.							QIS	40.90	261	eP	54	11.00	0.1	BRG	147.52	347	iPKPd	06	05.20	2.6X
* OCT 12, 1992 06h 10m 39.90±1.16s							WB2	45.87	261	iPd	54	50.30	-0.4		0.7s		20.00nm			
32.114 N ±21.2km 70.306 E ±12.8km								0.4s		25.50nm			4.9mb	MOX	148.18	350	ePKP	06	07.00	3.3X
DEPTH = 33.0km (normal)							ASPA	45.88	256	iPc	54	50.70	0.0		1.2s		11.00nm			
PAKISTAN (710)								0.7s		237.60nm			5.6mb	PRU	148.23	346	PKPd	06	07.20	3.4X
										iS	01	08.90					e	06	10.70	
NDI	6.88	118	iPnc	12	23.00	2.0	WRA	45.88	261	P	54	50.50	-0.2				e	06	16.90	
	0.5s		31.69nm			5.5mb		0.7s		3.20nm			3.8mb X	ENN	148.69	357	ePKP	06	09.00	4.6X
MAIO	9.88	298	eP	13	03.00	0.2	GUA	49.98	308	eP	55	21.80	-0.3		1.4s		71.00nm			
GKN	13.07	105	P	13	45.80	-0.2		0.5s		208.45nm			5.7mb	GRF	149.17	350	ePKPd	06	09.80	4.5X
DMN	13.60	105	P	13	52.66	-0.5	PJG	50.04	308	eP	55	22.00	-0.6				e	06	15.10	
KKN	13.68	105	P	13	53.64	-0.4	MTN	50.31	269	eP	55	24.00	-0.7	ZST	149.20	342	ePKP	06	10.60	5.3X
PKI	13.87	105	P	13	55.98	-0.7	WARB	52.23	252	eP	55	38.00	-0.8	KHC	149.25	347	PKP	06	09.90	4.4X
GUN	14.13	103	P	13	59.20	-0.9		0.3s		8.00nm			4.6mb		1.1s		10.90nm			
HYB	16.43	151	eP	14	31.50	1.9	MBL	59.11	257	eP	56	26.70	-0.9				i	06	14.50	
			eS	17	36.00			0.4s		10.00nm			4.7mb	DOU	149.42	358	PKP	06	10.40	4.8X
GBA	19.55	159	P	15	05.00	-2.8	NANU	62.77	254	eP	56	51.70	-0.3				e	06	15.60	
			S	19	08.00		MAT	70.07	323	(P)	57	36.00	-1.4	GEC2	149.49	346	PKP	06	10.30	4.4X
CHTO	28.95	110	eP	16	39.80	1.4		0.7s		10.27nm			4.7mb		1.1s		14.19nm			
S.D. = 1.7 on 10 of 10 obs.							SPA	70.66	180	iPc	57	42.40	1.7	WLF	149.78	356	iPKPc	06	09.76	3.7X
OCT 12, 1992 06h 46m 55.63±0.21s								0.8s		34.17nm			5.1mb				i	06	11.97	
19.462 S ±4.1km 176.786 W ±6.4km							ADK	71.04	0	eP	57	41.20	-1.6	FLN	150.62	5	iPKPd	06	13.00	5.6X
DEPTH = 299.7km (2 depth phases)								0.7s		45.40nm			5.3mb		0.5s		19.85nm			
4.9mb (27 obs.)							SMY	72.32	354	eP	57	49.20	-1.1	LDF	150.81	5	iPKPd	06	13.30	5.5X
FIJI ISLANDS REGION (181)							SDN	75.78	10	eP	58	09.20	-0.8		0.6s		16.05nm			
							ISA	77.80	45	ePd	58	22.54	0.9	CDF	150.93	354	iPKPd	06	14.00	5.9X
								0.9s		10.61nm			4.6mb		0.7s		14.75nm			
AFI	7.31	42	P	48	38.70	-2.9	CMB	77.93	42	eP	58	22.70	0.4	GRR	150.96	6	iPKPd	06	13.90	5.9X
			eS	50	00.00			0.8s		5.09nm			4.3mb		0.5s		18.10nm			
DZM	15.90	258	iPd	50	27.70	2.4	DRV	78.15	40	eP	58	23.61	0.2	LPF	151.29	6	iPKPd	06	14.80	6.3X
WCZ	18.18	204	P	50	50.60	1.7	MEMM	78.64	43	ePc	58	27.81	1.8		0.6s		55.90nm			
KUZ	18.43	199	P	50	54.50	3.0X	BONR	79.22	43	ePd	58	30.44	0.9	HAU	151.41	356	iPKPd	06	15.00	6.3X
HBZ	18.57	192	eP	50	53.70	0.8	KDC	79.54	13	eP	58	30.80	0.4		0.6s		18.60nm			
URZ	19.47	195	eP	51	00.40	-1.4	KVN	79.98	42	eP	58	34.33	0.9	WTTA	151.43	348	ePKPd	06	14.90	5.9X
WLZ	19.51	198	eP	51	03.70	1.5	MDJ	80.34	324	eP	58	35.00	0.1		0.4s		15.00nm			
TAZ	19.59	196	eP	51	05.70	2.6X		1.0s		18.00nm			4.9mb	BSF	151.55	355	iPKPd	06	15.20	6.2X
NOZ	19.61	192	eP	51	02.20	-1.0	SVW	82.08	10	eP	58	43.30	-0.4		0.7s		16.75nm			
UTU	19.62	197	eP	51	07.10	3.7X	ARUT	82.34	46	eP	58	46.94	1.3	LOR	152.26	359	iPKPd	06	17.00	7.0X
PATZ	19.80	196	P	51	07.60	2.4	GMW	82.41	34	ePc	58	46.37	0.8		0.5s		14.65nm			
PAHZ	20.05	194	eP	51	08.20	0.5	SLKM	82.54	13	eP	58	44.85	-1.2	SSF	152.47	360	iPKPd	06	17.60	7.4X
MAHZ	20.19	192	eP	51	11.10	2.1	BGL	82.80	12	eP	58	46.09	-1.3		0.5s		10.70nm			
WHH	20.21	195	eP	51	10.00	0.7	MAW	82.92	199	P	58	49.79	1.9	LBF	152.54	359	iPKPd	06	17.60	7.2X
MOH	20.29	194	eP	51	10.60	0.6	MCW	83.11	33	eP	58	50.14	1.0		0.6s		9.00nm			
MOZ	20.33	199	P	51	12.70	2.4	MSU	83.57	45	ePd	58	53.33	1.4	AVF	152.74	360	iPKPd	06	17.70	7.1X
NGZ	20.72	197	eP	51	14.20	-0.1	TTA	83.73	9	ePd	58	51.71	-0.3	MFF	152.79	5	iPKPd	06	18.00	7.3X
TTH	20.76	194	eP	51	15.60	1.2		0.9s		11.80nm			4.7mb		0.7s		15.65nm			
CNZ	20.76	197	eP	51	14.50	-0.1	PMR	83.75	13	eP	58	51.60	-0.4	SMF	152.88	359	ePKP	06	17.80	7.0X
WA																				

12d 09h

INE	0.16	302	eP	06 36.58	1.0
			S	06 46.70	
INW	0.20	298	eP	06 36.89	1.2
			eS	06 47.17	
OPT	0.39	215	eP	06 37.31	-0.9
RED	0.44	1	eP	06 37.79	-0.8
			eS	06 48.78	
RS1	0.49	2	iP	06 38.38	-0.7
			S	06 49.54	
RSO	0.49	2	iP	06 38.36	-0.7
			eS	06 50.12	
RS2	0.49	2	iP	06 38.40	-0.7
			eS	06 49.85	
RDW	0.51	359	iP	06 38.39	-0.8
			eS	06 49.81	
REF	0.52	5	iP	06 38.55	-0.7
			eS	06 49.52	
RDN	0.54	1	eP	06 38.76	-0.6
			eS	06 50.27	
NCT	0.59	353	iP	06 39.00	-0.8
			eS	06 50.79	
DFR	0.62	5	iP	06 39.30	-0.8
			eS	06 51.53	
RDT	0.63	17	eP	06 39.22	-0.9
			S	06 51.34	
HOM	0.66	118	eP	06 39.59	-0.7
			eS	06 52.09	
AUL	0.68	209	eP	06 39.83	-0.7
AUE	0.69	206	eP	06 39.47	-1.1
AUP	0.69	208	eP	06 40.15	-0.6
AUH	0.70	209	eP	06 40.63	-0.1
AUW	0.70	210	eP	06 39.86	-0.8
AUI	0.72	207	eP	06 40.96	0.1
			S	06 52.26	
PDB	0.73	256	iP	06 40.18	-0.8
			eS	06 53.13	
NKA	1.09	44	eP	06 45.76	0.8
MCNL	1.12	226	eP	06 43.98	-1.4
			eS	07 00.10	
BKG	1.13	13	iP	06 44.87	-0.7
CDD	1.14	203	eP	06 43.88	-1.7
CKL	1.24	10	iP	06 46.22	-0.8
			eS	07 02.98	
CKT	1.26	13	iP	06 46.33	-0.8
			eS	07 03.99	
SPU	1.26	16	iP	06 46.25	-0.9
			eS	07 04.01	
CKN	1.29	13	iP	06 46.81	-0.6
BGL	1.31	8	iP	06 47.09	-0.7
CRP	1.33	13	eP	06 47.42	-0.7
SYI	1.39	171	eP	06 47.52	-1.1
			S	07 06.19	
SLKM	1.39	66	eP	06 47.94	-0.7
CGLM	1.39	16	iP	06 48.04	-0.8
NCG	1.47	12	eP	06 49.04	-0.7
SEW	1.68	84	eP	06 50.72	-1.7
MPA	1.78	72	eP	06 52.20	-1.6
SUA	1.80	33	iP	06 53.47	-0.7
SVW	1.80	310	eP	06 52.71	-1.4
PMS	2.04	50	eP	06 56.28	-1.0
PTE	2.07	63	eP	06 56.07	-1.5
SKT	2.10	16	eP	06 56.89	-1.2
PLRM	2.42	46	eP	07 00.70	-1.6
KNIM	2.55	79	eP	07 00.96	-3.2
KNK	2.57	54	eP	07 02.22	-2.2
SML	2.85	48	eP	07 06.13	-2.1
HIN	3.17	80	eP	07 09.00	-3.6
FID	3.23	73	eP	07 09.68	-3.8
SCM	3.25	53	eP	07 12.21	-1.7
VLZ	3.39	67	eP	07 14.17	-1.5
CVA	3.55	78	eP	07 15.76	-2.1
SGAM	3.82	79	eP	07 18.81	-2.7
KAIM	4.21	87	eP	07 24.58	-2.4
53 obs. associated					

& OCT 12, 1992 09h 35m 18.07s					
68.072 N 159.890 W					
DEPTH = 5.9km					
3.7mb (1 obs.)					
NORTHERN ALASKA (676)					
<AEIC>. ML 3.3 (AEIC), 3.7 (PMR).					
IMA	3.16	127	eP	36 08.67	-0.7
BRW	3.43	17	eP	36 12.93	-0.1
ANW	4.16	215	eP	36 23.53	0.1
			eS	37 14.62	

TTA	5.41	161	P	36 38.20	-3.1
NEA	5.59	124	eP	36 44.10	0.4
			eS	37 49.70	
FBA	5.79	118	eP	36 44.53	-2.0
	0.3s	1.68nm		4.2mb X	
KTH	5.84	137	eP	36 46.30	-1.0
FYU	5.87	98	eP	36 47.96	0.4
GLM	5.87	116	eP	36 46.31	-1.4
CCB	5.95	120	eP	36 47.87	-0.9
TRF	6.09	135	eP	36 50.87	-0.1
MCK	6.25	129	eP	36 51.68	-1.3
HDA	6.39	119	eP	36 53.42	-1.6
SKT	7.06	146	iP	37 03.12	-1.3
			eS	38 22.78	
SVW	7.23	163	eP	37 02.89	-3.9
	0.6s	31.74nm		5.7mb X	
NCG	7.46	150	eP	37 07.66	-2.5
BGL	7.55	151	eP	37 08.01	-3.3
CRP	7.59	150	eP	37 07.67	-4.3
CKN	7.62	151	eP	37 11.29	-1.0
SUA	7.69	145	eP	37 12.72	-0.6
PWA	7.72	142	P	37 13.10	-0.5
GHO	7.84	138	eP	37 14.13	-1.3
PLRM	7.95	140	eP	37 15.59	-1.2
PMR	7.95	140	eP	37 15.72	-1.0
SML	7.96	137	eP	37 15.38	-1.7
PMS	8.15	142	P	37 19.70	0.0
RDN	8.19	154	eP	37 21.79	1.5
KNK	8.27	138	eP	37 20.87	-0.5
TOA	8.31	130	eP	37 24.40	2.4
KLU	8.87	131	eP	37 30.80	1.0
BALM	10.30	125 (P)		37 51.17	1.8
YKA	19.35	85	eP	39 44.90	-1.7
	0.6s	2.50nm		3.7mb	
32 obs. associated					

& OCT 12, 1992 11h 03m 46.15s					
61.095 N 150.735 W					
DEPTH = 45.0km					
SOUTHERN ALASKA (2)					
<AEIC>. ML 2.7 (AEIC).					
SUA	0.37	359	iPd	03 55.31	-0.4
			S	04 03.31	
NKA	0.43	215	iPd	03 57.61	1.3
PMS	0.59	75	P	03 57.90	-0.5
SLKM	0.64	157	iPd	03 58.17	-0.9
			eS	04 08.19	
SPU	0.65	278	iPc	03 58.12	-1.0
			eS	04 08.23	
CGLM	0.65	290	iPc	03 58.63	-0.6
PWA	0.69	36	ePc	03 59.34	-0.3
CRP	0.71	285	eP	03 58.84	-1.3
CKN	0.71	281	iPc	03 59.58	-0.5
CKT	0.72	279	iPc	03 59.47	-0.7
			eS	04 10.31	
BKG	0.74	269	iPc	03 59.74	-0.7
			iS	04 11.10	
NCG	0.75	295	iPc	03 59.90	-0.8
			S	04 10.94	
CKL	0.78	278	iPc	04 00.32	-0.8
BGL	0.82	283	iPc	04 00.38	-1.2
PTE	0.87	105	iPc	04 01.59	-0.5
MPA	0.91	131	iPc	04 02.20	-0.4
PLRM	0.92	56	ePd	04 01.98	-0.8
			eS	04 15.17	
PMR	0.92	56	eP	04 01.59	-1.2
			eS	04 14.53	
SKT	0.97	337	iPc	04 02.78	-0.7
			eS	04 16.17	
RDT	0.97	238	iPd	04 02.58	-1.1
			eS	04 16.15	
DFR	1.08	243	eP	04 04.15	-1.0
GHO	1.10	51	ePd	04 04.69	-0.8
			eS	04 19.34	
REF	1.14	239	iPd	04 05.13	-1.0
			eS	04 20.39	
KNK	1.15	73	eP	04 05.26	-0.8
RDN	1.15	240	eP	04 05.11	-1.1
			eS	04 20.18	
RSO	1.18	238	ePd	04 05.63	-1.0
			eS	04 21.74	
RS2	1.18	238	ePd	04 05.65	-1.0
			eS	04 20.73	
RS1	1.18	238	ePd	04 05.71	-1.0
			eS	04 21.80	
SEW	1.18	147	eP	04 05.31	-1.1

RDW	1.19	240	ePd	04 22.11	
			eS	04 05.77	-1.0
NCT	1.20	244	eP	04 21.76	
			eS	04 05.84	-1.0
RED	1.21	237	eP	04 21.80	
			eS	04 06.02	-1.0
SML	1.36	57	ePd	04 22.30	
INE	1.55	229	eP	04 08.05	-1.0
			eS	04 10.77	-1.1
INW	1.57	230	eP	04 31.00	
KNIM	1.65	116	eP	04 11.55	-0.6
			S	04 10.59	-2.6
LTl	1.77	125	eP	04 32.62	
GLI	1.79	95	iPc	04 10.66	-4.2
SCM	1.80	64	eP	04 12.58	-2.5
OPT	1.91	222	eP	04 14.28	-1.0
VZW	2.03	89	eP	04 16.63	-0.2
FID	2.11	98	eP	04 16.60	-2.0
VLZ	2.14	87	ePc	04 16.32	-3.3
PDB	2.16	234	eP	04 18.03	-2.0
HIN	2.19	107	eP	04 19.21	-1.1
KLU	2.36	78	ePd	04 17.96	-2.9
SVW	2.37	272	ePc	04 21.22	-2.1
TRF	2.37	5	eP	04 21.22	-2.2
TOA	2.40	63	P	04 23.67	0.1
CVA	2.50	101	eP	04 26.10	2.2
SGAM	2.77	100	eP	04 21.66	-3.6
SDG	2.85	57	eP	04 25.61	-3.5
HMT	3.27	101	eP	04 29.29	-1.0
GLB	3.27	101	eP	04 31.92	-4.3
GLB	3.36	81	eP	04 34.88	-2.7
HDA	3.75	26	eP	04 41.56	-1.4
WAX	3.92	96	eP	04 41.06	-4.4
FBA	4.05	18	eP	04 45.28	-1.9
BALM	4.08	87	eP	04 44.28	-3.5
58 obs. associated					

* OCT 12, 1992 11h 30m 42.39± 0.49s					
27.965 S ± 5.1km 67.146 W ± 20.3km					
DEPTH = 278.1 ± 37.3 km					
CATAMARCA PROVINCE, ARGENTINA (130)					
TLL	3.88	235	iPd	31 47.00	0.1
			iS	32 33.50	
ANT	5.16	324	eP	32 02.00	0.4
JACH	5.57	212	iP	32 07.41	0.9
FCH	5.99	206	iP	32 13.17	1.2
			iS	33 23.20	
PEL	6.00	210	iP+	32 11.87	0.1
ROCH	6.00	213	iP	32 11.63	-0.4
			iS	33 18.09	
SAN	6.25	208	iP	32 14.71	-0.1
PCH	6.34	206	iPd	32 16.67	0.7
			iS	33 31.15	
TACH	6.54	209	iPd	32 18.34	0.0
			iS	33 34.36	
CHCH	6.67	206	iP	32 18.68	-1.3
			iS	33 37.65	
LCCH	6.68	214	iP	32 19.57	-0.5
LNV	7.00	210	iP	32 23.13	-0.9
CNCB	11.13	356	P	33 16.30	0.1
LPB	11.41	355	eP	33 19.00	-0.6
ZOBO	11.66	355	P	33 23.70	0.9
			e	35 29.00	
SIV	13.18	27	P	33 39.60	-1.3
PPD	15.52	71	eP	34 09.10	0.0
VAO	18.87	79	eP	34 45.10	0.8
S.D. = 0.8 on 18 of 18 obs.					

% OCT 12, 1992 12h 28m 48.22± 2.76s					
43.831 N ± 22.0km 9.945 E ± 18.9km					
DEPTH = 10.0km (geophysicist)					
CORSICA (380)					
PII	0.43	105	P	28 56.10	-1.0
			eSg	29 01.30	
MME	0.65	56	P	29 01.20	-0.2
BOB	1.00	339	P	29 07.00	-0.2
PGD	1.29	87	P	29 12.00	-0.2
SFI	1.38	86	P	29 15.00	1.5
CRE	1.47	97	P	29 14.90	0.1
S.D. = 1.1 on 6 of 6 obs.					

OCT 12, 1992 13h 09m 55.51± 0.14s					
29.778 N ± 2.2km 31.144 E ± 1.6km					
DEPTH = 21.5km (geophysicist)					
5.9mb (162 obs.) 5.3Msz (58 obs.)					

EGYPT	(553)	ATZ	4.66	48	iP	11	03.90	-2.5	FNA	13.56	327	eP	13	06.06	-3.0X
MD 5.3 (HLW). At least 552		BURJ	4.69	57	Pd	11	08.49	1.5	KEK	13.60	320	eP	13	04.20	-5.3X
people killed, more than 9,929		MDSJ	4.77	66	Pc	11	08.77	0.7	SRN	13.60	321	eP	13	05.50	-4.0X
injured and 8,300 buildings		SHMJ	4.93	52	Pd	11	11.93	1.8	KKB	13.71	334	iPc	13	09.00	-2.0
damaged or destroyed in the		CSTJ	4.96	73	Pc	11	11.24	0.6	TPE	13.89	322	eP	13	08.00	-5.3X
Cairo area. Preliminary		PPCY	5.19	11	eP	11	13.60	-0.3	PGB	13.93	338	iPc	13	12.00	-1.9
estimates of damage about 300					eS	12	16.00		PSN	14.08	351	iPd	13	16.00	0.3
million U.S. dollars. Felt in		HRI	5.25	47	eP	11	12.50	-2.2	PVL	14.20	342	iPc	13	16.00	-1.3
much of Egypt from Alexandria to		CSS	5.49	19	ePc	11	17.80	-0.3	KER	14.28	67	eP	13	22.00	3.4X
Aswan and in Israel from Elat to					eS	12	24.00		VLO	14.29	321	iPd	13	14.10	-4.4X
Tel Aviv and Jerusalem. Depth		BHL	5.62	42	P	11	18.00	-2.1	VTS	14.29	336	iPc	13	17.00	-1.7
from broadband displacement					S	12	20.00		SKO	14.48	330	iP	13	19.00	-2.0
seismograms.		FAM	5.74	24	eP	11	20.80	-0.8		1.1s	181.00nm			5.5mb	
FAULT PLANE SOLUTION: P-Waves					eS	12	29.00		Z	18s	10.96um			5.3mszx	
NP1:Strike=190 Dip=62 Slip= -53		OTFJ	5.82	68	Pc	11	23.71	0.9			iPP	13	25.50		
NP2: 312 45 -139		ASW	5.89	164	eP	11	20.50	-3.2X			i	13	43.30		
Principal Axes:					eS	12	45.00				i	14	05.00		
T P1g=10 Azm=254		WAJH	5.99	126	eP	11	22.60	-2.4			i	14	12.20		
P 56 150		ASKD	6.19	169	eP	11	25.40	-2.6			i	15	07.80		
Comment: The focal mechanism is		AKRL	6.25	167	eP	11	25.70	-3.1X			iS	16	03.60		
moderately well controlled and		AGRW	6.29	166	eP	11	27.00	-2.3			i	16	22.00		
corresponds to normal faulting		AGMR	6.34	168	eP	11	27.90	-2.2			iSS	16	31.00		
with a large strike-slip		AKSR	6.34	164	eP	11	27.20	-2.9X			i	16	49.00		
component. The preferred fault		AWKL	6.43	169	eP	11	28.70	-2.7			LR	25	21.00		
plane is not determined.		ANAL	6.49	167	eP	11	30.10	-2.1	RYD	14.65	106	ePd	13	25.50	2.2
RADIATED ENERGY		AGAL	6.50	166	eP	11	29.30	-3.0X			eS	16	32.00		
No. of sta: 11 Focal mech. F		AWAL	6.50	168	eP	11	29.50	-2.8X	PHP	14.70	327	eP	13	19.10	-4.9X
Energy 5.1±1.4*10**12 Nm		RUWJ	6.78	65	Pc	11	36.95	0.6	TIR	14.73	325	eP	13	19.20	-5.1X
MOMENT TENSOR SOLUTION		ELL	7.03	352	iP	11	39.80	-0.1			iS	16	00.00		
Dep 26 Na. of sta: 20		NPS	7.19	321	eP	11	40.00	-2.0	SOI	15.00	307	P	13	24.10	-3.7X
Moment Tensor; Scale 10**17 Nm		BCK	7.68	357	iP	11	49.40	0.5	KKS	15.02	328	eP	13	25.00	-3.1X
Mrr=-3.38 Mtt= 2.14		YER	7.72	343	iP	11	48.00	-1.4	LACI	15.02	325	eP	13	24.50	-3.6X
Mff= 1.25 Mrt= 3.09		ADAT	8.07	25	eP	11	53.00	-1.3	TAB	15.06	53	iP+	13	30.00	1.2
Mrf= 0.11 Mtf=-2.67		KHL	8.63	351	iP	12	00.40	-1.8			i	13	32.00		
Principal axes:		IZM	9.18	341	iP	12	05.60	-4.1X	ERE	15.07	43	iP+	13	30.00	1.2
T Val= 5.08 P1g=16 Azm= 35		VLI	9.75	317	eP	12	12.70	-4.9X	Z	14s	12.20um				
N -0.06 24 297		BBTK	10.13	7	iP	12	22.00	-0.9			iS	16	23.00		
P -5.02 60 155		ATH	10.24	325	eP	12	20.00	-4.2X	BUC1	15.10	346	iPd	13	14.00	-15.1X
Best Double Couple:Mo=5.0*10**17					eS	14	12.00		GNI	15.12	44	ePc	13	31.89	2.3
NP1:Strike=156 Dip=36 Slip= -45		PRK	10.26	338	eP	12	23.00	-1.6	BUC	15.15	346	eP	13	27.00	-2.7
NP2: 285 66 -117		NAL	10.40	1	eP	12	26.10	-0.6	PZI	15.35	302	P	13	25.82	-6.7X
CENTROID, MOMENT TENSOR (HRV)		GPA	10.51	356	iP	12	27.70	-0.3		0.8s	1264.80nm			6.2mb	
Data Used: GDSN		GYN	10.55	358	iP	12	28.30	-0.4	MEU	15.37	303	P	13	32.00	-0.8
L.P.B.: 32S, 70C		KCT	10.69	348	iP	12	28.50	-2.0	SOC	15.39	24	iPd	13	34.00	1.2
Centroid Location:		EYL	10.79	356	eP	12	28.50	-3.5X		2.0s	1100.00nm			5.8mb	
Origin Time 13:09:59.2 0.2		SGKT	10.80	4	iP	12	31.00	-1.1	MSI	15.41	307	P	13	30.40	-2.7
Lat 29.74N 0.03 Lon 30.63E 0.03		YLV	10.86	353	eP	12	31.20	-1.7	MSI	15.41	307	P	13	33.60	0.5
Dep 22.0 BDY Half-duration 2.0		BNT	10.88	347	iP	12	30.50	-2.5		0.9s	1555.90nm			6.3mb	
Moment Tensor; Scale 10**17 Nm		EDC	10.88	347	iP	12	30.00	-3.0X	GIO	15.43	304	P	13	48.00	14.5X
Mrr=-5.53 0.12 Mtt= 3.51 0.14		SVST	11.05	24	eP	12	37.20	1.8	SDA	15.44	326	eP	13	29.40	-4.1X
Mff= 2.02 0.15 Mrt= 1.13 0.31		GBZT	11.07	353	eP	12	36.00	0.3	ATN	15.45	307	P	13	30.80	-2.9X
Mrf= 0.46 0.30 Mtf=-2.44 0.16					ePg	12	37.00		ULC	15.50	325	iPd	13	30.00	-4.3X
Principal Axes:		HRT	11.08	354	iP	12	34.50	-1.4	CFR	15.56	352	ePc	13	19.50	-15.6X
T Val= 5.36 P1g= 3 Azm= 36		CTK	11.29	14	eP	12	39.00	0.2	ABHA	15.61	135	ePd	13	36.60	0.4
N 0.39 10 305		TRHT	11.32	20	eP	12	40.40	1.3			eS	16	52.00		
P -5.75 80 145		DVR	11.38	3	iP	12	38.90	-1.0	PVY	15.63	328	iPd	13	33.44	-2.7
Best Double Couple:Mo=5.6*10**17		ISK	11.39	352	iP	12	38.00	-2.0	TDS	15.65	313	P	13	32.90	-3.3X
NP1:Strike=136 Dip=42 Slip= -75		QASM	11.55	186	eP	12	42.60	0.3			eSn	16	14.20		
NP2: 297 49 -103		CCT	11.56	350	eP	12	40.50	-1.8	KMTA	15.74	135	iPd	13	39.30	1.4
		KART	11.65	12	eP	12	44.00	0.2	ISR	15.76	348	iPd	13	28.00	-9.7X
HLW 0.19 65 eP 10 03.00 2.3		AGG	11.74	324	iPd	12	41.00	-3.7X	GRS	15.80	48	iPc-	13	40.00	1.6
		KAS	11.76	10	iPc	12	45.20	0.1		1.4s	580.00nm			5.6mb	
KOT 0.61 76 eP 10 09.00 1.5		PAIG	11.83	331	iPc	12	43.90	-2.0			eS	16	39.00		
SAGI 3.08 81 iPd 10 41.80 -2.2		ALN	11.85	341	iPc	12	45.30	-0.8	TTG	15.84	326	iPd	13	33.20	-5.5X
MBH 3.25 89 iP 10 44.30 -2.1		AKKT	11.97	22	eP	12	48.30	0.3	DRA	15.84	342	eP	13	38.00	-0.7
HQL 3.44 97 iPd 10 48.70 -0.3		OUR	12.05	333	iPd	12	47.54	-1.3	ANN	15.84	16	iP	13	37.50	-1.2
JRSJ 3.58 81 Pc 10 51.98 0.9		VLS	12.11	317	eP	12	45.50	-4.3X	Z	16s	4.00um				
MRSJ 3.63 90 Pc 10 52.55 0.6		DMK	12.33	348	iP	12	51.00	-1.6	N	17s	4.00um				
MKT 3.65 70 iP 10 49.80 -2.4		BZK	12.38	10	iP	12	54.00	0.7	E	17s	4.50um				
		LIT	12.50	328	iPc	12	52.05	-2.9X			iS	16	37.00		
YTIR 3.77 64 iPd 10 51.40 -2.4		SOH	12.72	332	iPd	12	57.26	-0.6	BRT	15.85	318	P	13	33.80	-5.1X
NAOJ 3.79 86 Pc 10 55.12 0.9		THE	12.72	331	ePd	12	56.26	-1.6	IVA	15.88	328	iPd	13	36.88	-2.5
SHWJ 3.82 80 Pc 10 55.71 1.0					eS	15	39.70		MNO	15.89	305	P	13	38.00	-1.6
DHLJ 3.83 73 Pc 10 55.18 0.7		KDZ	12.72	340	iPc	12	57.00	-0.9	BDV	15.95	325	iPd	13	34.18	-5.9X
LISJ 4.02 68 Pc 10 57.94 0.8		SRS	12.87	334	iPc	12	58.58	-1.3	MLR	16.21	347	ePc	13	26.50	-17.1X
JRDJ 4.03 75 Pd 10 59.55 2.1		RZN	12.97	338	iPc	13	01.00	-0.4	HCY	16.23	325	iPd	13	39.05	-4.7X
HITJ 4.08 89 Pc 10 58.82 0.5		KZN	13.00	326	eP	12	59.00	-2.7	MTA	16.24	39	iPc+	13	43.40	-0.4
MDRJ 4.09 94 Pc 10 58.52 0.2		DIM	13.06	341	iPc	13	02.00	-0.3		1.0s	150.00nm			5.1mb	
ZNT 4.14 53 iP 10 56.70 -2.3		MJMA	13.11	104	eP	13	06.50	3.3X	NKY	16.26	326	iPd	13	39.38	-4.8X
MKRJ 4.26 64 Pc 11 01.55 0.8		JMB	13.18	345	iPd	13	03.00	-1.0	GIB	16.39	304	P	13	46.50	0.6
AYN 4.34 101 eP 11 01.00 -0.7		KNT	13.19	332	iPc	13	02.54	-1.5	COZ	16.42	343	ePc	13	30.00	-16.2X
MASJ 4.39 63 P 11 03.93 1.3		MMB	13.23	335	iPc	13	11.00	6.3X	VRI	16.44	349	ePd	13	30.00	-16.3X
KFNJ 4.42 61 Pc 11 04.30 1.4		GRG	13.23	330	iPc	13	02.73	-1.9	PLE	16.47	328	iPd	13	43.18	-3.7X
QTRJ 4.46 69 Pc 11 04.03 0.4		PLD	13.36	339	iPc	13	01.00	-5.3X	CVO	16.49	348	ePc	13	32.00	-15.0X
SALJ 4.49 59 Pc 11 05.93 1.9		VAY	13.46	331	iP	13	05.70	-1.9	DHJN	16.51	134	iPd	13	49.30	1.6
MLL 4.52 53 iP 11 02.30 -2.1						1.2s	334.00nm				eS	17	17.00		
GHZJ 4.55 79 Pd 11 05.96 1.0					i				BRY	16.54	326	eP	13	42.37	-5.5X

		1.3s		717.00nm			6.0mb
	Z	18s		6.80um			5.2Msz
	N	16s		5.20um			
	E	18s		6.30um			
				e	15	11.50	23kmX
				e	15	24.50	
				eS	19	16.00	
SBF		23.51	313	eP	15	05.90	1.1
		1.3s		1276.55nm			6.3mb
WAR		23.66	344	P-	15	12.00	6.0X
	Z	22s		3.50um			4.8Msz
	N	22s		12.00um			
	E	20s		12.00um			
				S	19	20.00	
ENR		23.70	314	P	15	09.84	3.2X
VDL		23.73	321	ePd	15	09.10	2.0
VAI		23.76	319	P	15	09.50	2.4
		1.3s		426.50nm			5.8mb
STV		23.77	314	P	15	08.51	1.2
PRU		23.77	333	eP	15	06.20	-0.9
		1.4s		537.80nm			5.9mb
	Z	20s		4.50um			4.9Msz
	N	20s		3.40um			
	E	19s		2.50um			
				i	15	15.50	33kmX
				S	19	21.90	
KSP		23.81	336	ePd	15	07.00	-0.5
		1.5s		796.00nm			6.0mb
				i	15	08.00	4kmX
				i	15	15.00	
				eS	19	22.00	
WET		23.82	329	iPc	15	08.20	0.5
		0.8s		85.00nm			5.3mb
	Z	16s		5.00um			5.1MszX
				eS	19	25.00	
TMA		23.84	319	ePc	15	09.90	1.8
LMR		23.86	311	eP	15	08.80	0.7
		1.3s		976.20nm			6.2mb
FUR		23.87	326	eP	15	08.90	0.7
	Z	21s		6.00um			5.0Msz
				eS	19	26.50	
FRF		23.88	312	eP	15	09.70	1.5
		1.3s		681.60nm			6.0mb
ASH		23.96	63	iP	15	10.00	0.9
				e	15	51.00	214kmX
				eS	19	25.00	
				SS	20	24.00	
LRG		24.01	311	eP	15	10.60	1.0
		1.2s		706.90nm			6.1mb
	Z	23s		3.25um			4.7MszX
PZZ		24.04	314	P	15	09.94	0.0
ORO		24.09	317	P	15	10.60	0.2
		1.0s		172.00nm			5.6mb
BHB		24.10	315	P	15	09.33	-1.1
LLS		24.22	321	ePd	15	12.60	0.8
MNK		24.24	355	eP	15	16.00	4.3X
	Z	20s		3.50um			4.8Msz
				e	16	00.00	
				eS	19	32.00	
RSP		24.27	316	P	15	11.79	-0.4
TAVF		24.28	312	P	15	15.56	3.3X
MMK		24.33	318	iPd	15	14.30	1.4
BERF		24.39	311	P	15	15.26	1.9
RRL		24.44	315	P	15	15.48	1.5
PUYF		24.48	311	P	15	16.00	1.8
PSD		24.49	316	P	15	15.17	0.7
BNI		24.57	315	P	15	17.00	1.8
		1.7s		505.00nm			5.8mb
MAIO		24.59	67	iPd-	15	16.20	0.9
		0.9s		59.68nm			5.2mb
				eS	18	52.00	
GELF		24.60	311	P	15	17.06	1.8
VILF		24.61	312	P	15	17.66	2.2
DIX		24.67					

RSL	24.92	316	P	15	18.39	-0.2		1.3s	407.00nm	6.0mb		1.2s	487.95nm	6.2mb						
EMS	24.94	317	iPd	15	19.20	0.4	Z	20s	8.50um	5.3Msz		Z	23s	5.43um	5.1MszX					
PRAF	24.95	311	P	15	19.61	0.9				15	51.70	24kmX	LPF	30.67	315	eP	16	09.30	-1.3	
GRF	24.97	328	iPc	15	19.40	0.6	BSD	27.87	340	iP	15	44.70	-0.7		1.4s	303.20nm			5.9mb	
	Z	22s	5.00um		5.0Msz			0.9s	320.00nm	6.1mb			GRR	30.71	316	eP	16	09.70	-1.2	
			i	15	26.90	27kmX	TCF	27.91	314	eP	15	45.90	-0.1	MUD	30.85	336	iPd	16	13.30	1.3
			iS	19	40.90			1.3s	231.05nm	5.8mb				0.3s	1180.00nm			7.2mb	X	
HOF	25.13	330	eP	15	20.10	-0.2	LPO	27.92	310	eP	15	46.50	0.5	IFR	31.00	286	iPd	16	15.00	1.1
ESEL	25.16	301	iPc	15	22.21	1.5		1.4s	491.40nm	6.1mb					i	16	23.00	28kmX		
FEL	25.36	322	P	15	22.58	-0.1	EPF	27.93	307	eP	15	46.10	-0.1			i	17	04.00		
BBS	25.39	321	P	15	22.83	0.0		1.2s	58.60nm	5.2mb					i	27	40.00			
CLL	25.41	333	iPd	15	22.80	-0.1	RJF	27.94	312	eP	15	46.50	0.2	NUR	31.04	354	eP	16	13.00	-0.7
	1.3s	980.00nm			6.3mb			1.2s	309.40nm	5.9mb				0.4s	13.00nm			5.1mb		
	Z	20s	4.00um		4.9Msz		Z	21s	3.28um	4.9Msz					eS	21	18.00			
			eS	19	46.00		KLL	27.95	325	iPd	15	45.90	-0.3	EPRU	31.07	293	iPc	16	12.82	-1.5
			e	20	02.00				iP	15	53.80	28kmX	NAI	31.35	169	iPd	16	17.30	0.2	
MOX	25.48	330	eP	15	24.30	0.7	ECHE	28.04	299	iPc	15	48.13	0.9			eS	21	26.00		
	Z	21s	4.80um		5.0Msz		MEM	28.08	325	iPc	15	48.17	0.8	UPP	31.44	347	iPc	16	16.90	-0.3
	E	21s	4.80um						i	15	55.68	26kmX		1.0s	200.00nm			6.0mb		
			eP	15	32.00	27kmX	EALH	28.12	295	iPc	15	47.87	-0.1			i	16	24.40	26kmX	
			eS	19	54.00		ENN	28.22	325	iPc	15	49.40	0.8			iS	21	24.00		
OBN	25.61	7	eP	15	24.34	-0.4		1.2s	432.00nm	6.1mb			LWI	31.91	184	iPd	16	20.70	-1.4	
LOMF	25.71	320	P	15	25.81	0.0			i	15	57.00	27kmX			i	21	30.00			
LIBD	25.75	322	P	15	26.66	0.6	LFF	28.31	311	eP	15	50.00	0.5			i	21	45.90		
MOF	25.83	321	P	15	27.06	0.1		1.4s	1139.65nm	6.4mb			EPLA	32.00	299	iPc	16	21.99	-0.4	
ETER	25.94	307	iPc	15	27.49	-0.4	LSF	28.32	314	eP	15	50.00	0.3	KAF	32.50	356	iP	16	25.60	-0.8
PERF	25.99	307	P	15	29.55	1.1		1.3s	491.00nm	6.1mb				0.8s	61.00nm			5.6mb		
BSF	26.00	321	P	15	28.59	0.0	JAU	28.43	306	P	15	51.04	0.2	HFS	32.55	344	eP	16	26.30	-0.7
SSB	26.00	314	P	15	28.07	-0.5	DOU	28.49	323	Pc	15	50.70	-0.4		1.0s	129.30nm			5.8mb	
EGH	26.03	322	P	15	28.54	-0.2		0.9s	222.50nm	5.9mb			Z	19s	4168.00um			8.2MszX		
WLS	26.04	322	P	15	29.71	0.8			i	15	58.40	27kmX			LR	28	00.00			
WLS	26.04	322	P	15	29.75	0.9			e	19	27.40		ARU	32.90	28	(P)	16	29.39	-0.6	
HOFF	26.04	324	P	15	29.21	0.4			S	20	39.00			1.3s	350.00nm			6.1mb		
CDF	26.08	322	P	15	28.70	-0.6			e	21	11.00		Z	16s	3.50um			5.2MszX		
BRNL	26.16	335	eP	15	30.00	0.2	ESCF	28.58	306	P	15	52.32	0.2	N	14s	1.50um				
		ec	15	37.30	26kmX		WTS	28.58	328	eP	15	53.50	1.6	E	17s	2.00um				
		eS	20	02.00			1.2s	262.00nm	5.9mb						e	16	36.50	25kmX		
BRN	26.21	335	eP	15	31.00	0.7			e	16	01.00	26kmX			e	16	39.24			
HAU	26.35	321	eP	15	31.50	-0.2	ENIJ	28.66	293	iPc	15	52.79	0.0			eS	21	45.00		
	1.4s	909.65nm			6.2mb		ATE	28.67	306	P	15	53.80	0.9	PRL	32.90	297	iPc	16	30.00	-0.4
	Z	19s	4.55um		5.0Msz		MADF	28.77	306	P	15	54.10	0.3			i	16	37.00	24kmX	
MOS	26.36	8	iPc	15	32.00	0.4	BOH	28.90	306	P	15	54.92	-0.1	AVE	32.93	286	eP	16	28.00	-2.5
	1.3s	900.00nm			6.3mb		SNF	28.90	323	iPc	15	54.79	0.0			i	16	37.50	33kmX	
	Z	24s	5.90um		5.0MszX				i	15	55.37	2kmX			i	29	00.00			
			iP	15	40.00	28kmX			i	16	02.48				i	31	31.50			
			eS	20	04.00		ELYF	28.90	306	P	15	54.79	-0.2	TIO	33.06	282	iPd	16	30.00	-1.9
TNS	26.63	326	iPd	15	34.30	0.0	UCC	29.03	324	P	15	57.00	1.1			i	28	26.00		
		ec	15	42.00	27kmX				S	20	47.00		ERUA	33.13	303	iPc	16	30.57	-1.7	
VITF	26.67	321	P	15	33.81	-0.8	EHUE	29.04	295	iPc	15	57.41	1.1	KONO	33.25	340	iPc	16	33.00	0.0
LBL	26.80	313	P	15	37.19	1.2	EVIA	29.07	297	iPc	15	56.28	-0.3	MOE	33.62	296	iPc	16	36.50	0.0
PLDF	26.89	315	P	15	36.22	-0.6	COP	29.12	338	iPd	16	04.40	7.7X			i	16	43.50	24kmX	
SMF	27.08	316	eP	15	37.80	-0.6		1.0s	440.00nm	6.2mb			NB2	33.96	343	P	16	37.40	-1.8	
	1.2s	267.75nm			5.8mb		Z	18s	3.78um	5.1Msz				0.8s	45.70nm			5.5mb		
KOE	27.11	326	iPd	15	38.55	0.0			iS	20	49.00		SVE	34.02	29	iPc	16	40.00	0.3	
	1.5s	416.00nm			5.9mb		WIT	29.19	329	eP	15	58.50	1.1		2.1s	220.00nm			5.7mb	
		eP	15	46.91	29kmX				e	16	05.50	24kmX	Z	17s	3.20um			5.1MszX		
BGG	27.16	325	iPd	15	38.96	-0.1	DBN	29.42	327	eP	15	46.00	-13.4X	N	17s	1.50um				
	1.4s	685.00nm			6.1mb		Z	20s	2.50um	4.8Msz			E	17s	4.00um					
		eP	15	47.40	30kmX				e	16	02.00	67kmX			eS	22	03.00			
L8F	27.16	317	eP	15	38.60	-0.6			eS	20	55.00				e	24	07.00			
	1.2s	267.75nm			5.8mb		MFF	29.53	313	eP	15	59.90	-0.6			e	26	53.00		
PYM	27.18	314	P	15	38.55	-0.9		1.3s	245.50nm	5.8mb			LIS	34.25	296	iPd	16	49.70	7.7X	
EBR	27.20	302	eP	15	39.00	-0.5	EGUA	29.73	293	iPc	16	02.18	-0.3	ODD1	34.37	338	eP	16	41.72	-1.1
		eS	20	21.00			ECRI	29.82	305	iPc	16	00.90	-2.4	EGD	35.10	338	eP	16	49.00	0.0
AGO	27.24	314	P	15	39.37	-0.5	PUL	29.99	359	eP-	16	04.00	-0.5	BER	35.15	338	eP	16	50.00	0.6
EROQ	27.27	302	iPc	15	40.22	0.1		1.4s	420.00nm	6.1mb			ASK	35.27	338	eP	16	50.50	0.1	
LOR	27.37	317	eP	15	40.40	-0.7		Z	20s	3.00um	4.9Msz		EKA	35.33	326	Pc	16	50.60	-0.4	
	1.3s	257.75nm			5.7mb		N	20s	3.00um					1.0s	64.30nm			5.5mb		
	Z	23s	4.85um		5.0MszX		E	20s	2.50um				ESK	35.34	326	eP	16	51.50	0.4	
ACU	27.43	297	iPc	15	42.24	0.6			e	16	11.00	24kmX			1.0s	200.00nm			6.0mb	
WLF	27.42	323	iPc	15	41.84	0.4			e	17	04.00		ESY	35.38	327	ePc	16	50.60	-0.8	
		i	15	47.56	20kmX				ePPP	17	18.00			1.3s	230.00nm			5.9mb		
		e	16	10.00					eS	19	07.00		HYA	35.48	339	eP	16	52.76	0.6	
CAF	27.44	311	eP	15	41.60	-0.1			e	20	58.00		EBL	35.51	327	eP	16	51.80	-0.7	
	1.2s	198.75nm			5.7mb				e	21	10.00		ECP	35.51	320	eP	16	52.60	0.0	
AVF	27.44	316	eP	15	40.90	-0.8	EBAN	30.01	296	iPc	16	03.81	-1.2	ECP	35.51	320	eP	16	59.60	7.0X
	1.1s	313.55nm			5.9mb		ELUQ	30.34	294	iPc	16	07.18	-0.7	ETA	35.64	321	eP	16	54.10	0.4
SSF	27.48	317	eP	15	41.40	-0.6	LDF	30.36	317	eP	16	06.50	-1.4	ETA	35.64	321	eP	17	01.20	7.5X
	1.1s	162.15nm			5.6mb			1.4s	311.05nm	6.0mb			EDI	35.66	327	eP	16	53.90	0.2	
BGF	27.64	315	eP	15	43.40	-0.1	MAL	30.41	293	iPd	16	09.50	1.1		1.1s	393.00nm			6.2mb	
	1.3s	505.45nm			6.1mb				i	16	17.00	26kmX	ANTZ	35.71	278	iP	16	53.50	-1.0	
STB	27.66	326	iPd	15	43.94	0.4			iS	21	08.00				i	17	00.00	22kmX		
	1.4s	491.00nm			6.0mb		TOL	30.43	299	iPc	16	08.50	-0.1			i	28	44.50		
		e	15	51.80	28kmX				ePP	17	28.00				i	30	10			

				i	19	50.20	33kmX
				e	20	33.00	
				e	21	56.00	
				ePPP	23	12.00	
				eS	27	34.00	
				e	27	49.00	
BLF	58.75	185		iPc	19	51.00	-3.3X
				i	19	58.00	23kmX
POF	59.79	191		iPc	20	00.60	-0.7
	1.3s			86.54nm			5.7mb
LZH	60.05	63		iPd	20	02.96	-0.4
	1.6s			300.00nm			6.2mb
	Z 24s			4.40um			5.5MsZx
	N 15s			2.67um			
				ec	20	11.82	29kmX
				esPc	20	13.06	
				PP	22	20.00	
				PcS	24	50.00	
				S	28	16.00	
CD2	61.59	69		P	20	12.00	-1.8
	1.2s			100.00nm			5.8mb
	Z 19s			5.65um			5.7MsZ
	N 16s			4.37um			
				PP	22	30.00	
				ScP	24	47.00	
				S	28	34.00	
BOD	61.71	37		iPd	20	12.20	-2.0
	1.1s			152.00nm			6.1mb
CHTO	61.99	83		eP	20	14.40	-2.3
	1.1s			35.92nm			5.4mb
CIT	62.68	44		eP	20	20.00	-0.8
				eS	28	50.00	
BDT	62.70	85		ePd	20	19.70	-1.6
	0.8s			93.40nm			6.0mb
KMI	62.78	75		(P)	20	19.33	-2.7
	2.0s			100.00nm			5.6mb
	Z 24s			2.90um			5.4MsZx
				ic	20	26.70	24kmX
				ec	20	30.50	
				S	28	45.00	
BTO	63.38	57		iPc	20	25.00	-0.6
	1.0s			59.00nm			5.7mb
	N 18s			2.55um			
	E 20s			2.22um			
				pP	20	34.00	29kmX
				PcP	21	04.00	
				ePP	22	44.00	
				S	28	49.00	
KHT	63.40	88		eP	20	24.50	-1.5
NST	64.35	86		eP	20	32.50	0.3
HHC	64.42	56		iPc	20	32.40	-0.1
	1.1s			670.00nm			6.7mb
	Z 20s			3.11um			5.5MsZ
	N 15s			1.70um			
	E 14s			1.66um			
				sP	20	44.00	
				PcP	21	05.00	
				ScS	30	22.00	
				SS	33	20.00	
TIK	64.43	20		iPd-	20	31.00	-1.0
	1.0s			125.00nm			6.0mb
	Z 20s			2.00um			5.3MsZ
				i	20	39.00	26kmX
				e	21	05.00	
				e	22	56.00	
				ePPP	24	28.00	
				iS	29	08.00	
				i	30	15.00	
XAN	64.65	64		P	20	33.00	-1.0
	0.8s			86.00nm			5.9mb
	Z 20s			4.63um			5.7MsZ
	N 18s			4.09um			
	E 18s			4.06um			
				sP	20	47.00	
				S	29	14.00	
				SS	33	24.00	
LOE	64.99	84		eP	20	35.00	-1.4
NNT	65.36	89		eP	20	35.40	-3.4X
GYA	65.55	72	</				

					ed	23	16.62	15kmX	BWA	127.40	112	ePKP	29	01.00	0.5	eS	25	36.00				
					ed	23	20.01					e	29	06.90		iPd	26	16.60	0.4			
SDN	94.64	7	P	23	30.00	14.1X			SBA	127.92	169	ePKPd	29	03.00	2.8	eS	27	13.30				
OLY	95.55	316	eP	23	20.98	0.5			CAN	128.07	113	ePKP	28	59.80	-2.0	eP	26	29.00	0.2			
					eP	23	28.64	24kmX				e	29	07.10		P	26	52.00	4.2X			
RSSD	95.82	329	eP	23	22.57	0.7			HON	128.44	11	PKP	29	10.00	7.3X	S	27	52.00				
									Z	21s	0.48um					eP	26	49.00	-0.7			
	1.0s				10.01nm				BRS	129.16	102	iPKPc	29	03.00	-1.1	eS	27	51.00				
Z	21s				0.87um				Z	18s	18.50um					eP	26	54.50	0.6			
												ePP	31	09.00		ANAL	6.44	167	eP	26	58.40	0.2
					epP	23	30.14	24kmX				eSKKP	41	15.00		AGAL	6.45	166	eP	26	58.25	-0.1
					SP	36	04.12					ePKKS	42	48.00		AWAL	6.45	168	eP	26	58.50	0.2
					e	41	49.42					iPKPc	29	24.80	1.5	ELL	7.08	352	ePn	27	08.40	1.1
NEW	97.27	339	eP	23	28.50	0.4			DZM	139.27	90	iPKPc	29	24.80	1.5	BCK	7.73	357	ePn	27	17.90	1.5
	1.0s				89.00nm				LTZ	146.38	123	PKP	29	35.20	0.2	YER	7.76	343	ePn	27	17.00	0.3
									QRZ	146.86	120	PKP	29	36.10	0.4	KHL	8.68	352	ePn	27	27.00	-2.6
					ipP	23	37.00	27kmX				ePKP	29	36.70	0.7	SKO	14.50	330	eP	28	51.00	2.9X
MIAR	97.46	317	eP	23	29.92	0.8			DIW	147.91	120	PKP	29	40.70	3.2X	GEC2	23.27	330	P	30	33.70	4.2X
									SVA	148.06	76	ePKP	29	41.90	3.6X	KHC	23.54	330	eP	30	37.50	5.5X
TUL	97.79	319	e(P)	23	31.40	0.8			TCW	148.11	121	PKP	29	39.80	2.1				e	30	46.00	
					66.00nm				MRW	148.43	121	PKP	29	39.40	1.2	GRF	24.99	328	eP	30	55.00	8.9X
Z	16s				0.33um				KIW	148.64	121	PKP	29	41.70	3.1X	Z	19s	0.10um			3.3Msz	
									CAW	148.72	121	PKP	29	41.30	2.6	CLL	25.45	333	eP	30	54.00	3.7X
					e	34	05.00		MOW	148.80	122	PKP	29	42.40	3.5X	MOX	25.51	330	eP	30	59.60	8.6X
LRM	97.82	335	eP	23	31.60	0.7			MOZ	148.85	116	PKP	29	41.30	2.3	NB2	34.00	343	P	32	11.30	4.6X
DPW	97.95	340	eP	23	32.66	1.5			BLW	148.97	122	ePKP	29	42.50	3.4X		0.9s	2.40nm			4.1mb	
					eP	23	40.14	23kmX				ePKP	29	42.40	3.2X	GKN	46.57	78	P	33	50.94	-0.1
UYO	98.25	317	iPd	23	33.20	0.5			MTW	149.03	121	ePKP	29	42.40	3.2X	DMN	47.08	79	P	33	55.06	-0.2
MCW	98.50	343	(P)	23	33.96	0.3			WLZ	149.53	115	PKP	29	44.90	4.8X	KKN	47.18	78	P	33	55.80	-0.1
BW06	99.26	332	eP	23	37.00	-0.5			PGZ	149.70	120	ePKP	29	44.00	3.8X	PKI	47.35	79	P	33	56.74	-0.7
GMW	99.53	342	eP	23	39.02	0.7			AFI	153.58	58	ePKP	30	00.00	13.3X	GUN	47.65	78	P	33	59.82	-0.1
					ipP	23	47.17	25kmX														
SIV	99.65	257	eP	23	41.00	1.8																
GOL	99.92	327	P	23	41.76	1.2																
Z	20s				1.18um																	
					PP	27	48.03															
					SP	36	45.77															
HHA1	99.95	334	(P)	23	41.95	1.5																
MAW	99.96	168	P	23	46.50	7.1X																
LON	100.00	341	ePdiff	23	39.96	-0.4																
					ec	23	47.08															
SHW	100.63	342	ePdiff	23	44.76	1.5																
BMW	100.64	342	ePdiff	23	45.36	2.2																
VGB	100.84	340	ePdiff	23	46.39	2.3																
MSU	103.92	331	ePdiff	23	58.99	0.8																
ALO	104.22	325	Pdiff	23	58.51	-1.1																
Z	21s				0.26um																	
					e	28	11.52															
					SP	37	24.07															
ZOBO	105.80	260	Pdiff	24	17.00	9.5X																
					LR	03	18.00															
WDC	105.87	339	PKP	28	30.00	10.9X																
Z	19s				0.64um																	
LPB	105.88	260	ePdiff	24	23.00	15.4X																
Z	20s				11.35um																	
					LR	03	50.00															
CNCB	105.91	260	ePdiff	24	16.00	8.1X																
BONR	106.81	335	ePdiff	24	11.22	0.1																
CMB	107.48	337	Pdiff	24	24.61	10.8X																
Z	21s				1.15um																	
					SP	38	04.19															
ISA	108.90	334	PKP	28	40.00	14.9X																
Z	19s				1.52um																	
WRA	110.75	102	Pdiff	24	28.80	0.1																
					0.9s	0.10nm																
WRA	110.75	102	PKP	28	29.00	0.1																
					0.5s	0.30nm																
WB2	110.76	102	ePKP	28	28.40	-0.6																
					0.5s	0.80nm																
ASPA	111.92	105	ePKP	28	29.70	-1.4																
SPA	119.61	180	iPKPc	28	42.60	-2.0																
					1.0s	135.00nm																
Z	20s				4.23um																	
CTA	121.03	97	iPKP	28	47.50	-1.1																
					1.0s	7.50nm																
					ipPKP	28	56.00															
					i	29	20.00															
					ePP	30	08.00															
					e	31	12.00															
					eSKS	35	49.00															
					ePS	40	09.00															
					iSS	46	57.00															
STK	121.20	111	ePKP	28	46.80	-1.8																
CMS	124.54	110	ePKP	28	52.80	-2.2																
					1.0s	7.00nm																
RMO	125.47	103	ePKP	28	58.10	1.1																
					1.2s	38.00nm																
TOO	125.79	117	ePKP	28	57.30	0.0																
					1.0s	39.00nm																

S.D. = 1.1 on 32 of 34 obs.
 OCT 12, 1992 17h 04m 32.45±0.48s
 21.583 S ± 5.9km 66.723 W ± 7.4km
 DEPTH = 216.9 ± 5.3 km
 4.4mb (8 obs.)
 SOUTHERN BOLIVIA (125)

YJA	1.28	118	iPd	05	07.50	0.8
SLA	3.33	160	iPc	05	29.50	2.1
			S	06	13.00	
ANT	4.01	238	iP+	05	35.50	0.0
			iS	06	21.30	
CCH	4.21	8	Pc	05	38.00	-0.4
CNCB	4.89	346	iPc	05	48.00	0.9
LPB	5.19	345	iPc	05	51.90	1.2
	1.0s	1080.00nm			5.9mb X	
ZOBO	5.43	346	iPc	05	54.00	0.0
	18s	0.31um				
			LR	07	00.00	
ARE	6.80	318	iPc	06	08.00	-2.5
			iS	07	20.00	
SIV	7.72	45	P	06	22.40	-0.5
RTLL	9.83	189	eP	06	48.50	-1.8
TCA	9.90	169	eP	06	49.40	-1.8
			i	06	50.30	
ITB1	11.75	107	e(P)	07	24.00	9.2X
PPD	14.32	95	(P)	07	48.00	1.0
BAO	18.71	75	Pd	08	36.50	-0.7
			e	08	39.00	
BDF	18.77	75	Pd	08	37.10	-0.8
			e	08	45.10	
MIAR	61.38	335	eP	14	26.12	-1.5
	0.4s	2.22nm			4.2mb	
FVM	63.30	339	eP	14	38.08	-2.2
	0.5s	9.46nm			4.8mb	
KIC	66.78	73	P	15	01.00	-2.0
ALO	67.70	325	eP	15	08.18	-0.4
	0.8s	5.58nm			4.3mb	
TUC	68.17	321	eP	15	11.36	0.0
	1.0s	5.14nm			4.2mb	
SPA	68.55	180	iPd	15	14.10	0.7
	0.8s	2.50nm			4.0mb	
PV10	71.65	326	ePc	15	32.80	0.3
SRU	72.97	326	eP	15	40.27	0.1
MSU	73.41	324	iPd	15	43.45	0.6
ARUT	73.60	323	eP	15	44.66	0.9
DAU	74.31	326	eP	15	48.40	0.4
TPNV	74.63	321	eP	15	50.83	1.1
	0.5s	4.99nm			4.5mb	
ISA	75.11	319	ePd	15	53.04	0.6
	0.8s	10.24nm			4.6mb	
BONR	76.51	320	eP	16	01.25	0.8
KVN	77.12	321	(P)	16	04.04	0.4
ARN	78.08	318	eP	16	09.61	0.8
ORV	79.45	320	eP	16	17.05	1.0
YKA	91.95	340	eP	17	16.20	-0.7
	0.7s	3.20nm			4.5mb	
GBA	144.99	97	PKP	23	46.00	0.0
HYB	147.05	91	ePKPd	23	51.50	2.1
GUN	154.37	70	PKP	24	00.00	-0.4

S.D. = 1.2 on 35 of 36 obs.
 ? OCT 12, 1992 17h 31m 29.80±3.31s
 31.449 S ± 42.0km 69.730 W ± 21.1km
 DEPTH = 130.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 3.7 (SAN).

RTCV	1.10	112	iPc	31	53.80	-0.2
			S	32	09.80	
JACH	1.43	211	iP	31	58.33	0.7
			iS	32	18.82	
ROCH	1.87	215	iPd	32	02.96	0.1
			iS	32	26.51	
PEL	1.87	205	iP+	32	02.90	0.2
			iS	32	26.13	
FCH	1.93	194	iPd	32	04.33	0.6
			iS	32	28.88	
PCH	2.26	197	iP+	32	07.75	0.1
			iS	32	35.75	
TACH	2.42	205	iP+	32	09.18	-0.4
			iS	32	38.11	
LCCH	2.55	217	iP	32	11.11	0.0
			iS	32	39.00	
LNV	2.87	209	iP+	32	14.06	-1.3
			iS	32	46.66	

S.D. = 0.7 on 9 of 9 obs.
 ? OCT 12, 1992 17h 58m 32.62±1.55s
 11.310 N ± 13.4km 61.276 W ± 46.6km
 DEPTH = 70.0km (geophysicist)
 WINDWARD ISLANDS (95)
 MD 3.0 (TRN).

TRN	0.67	191	eP	58	47.67	0.3
			eS	58	58.71	
TBH	0.85	166	eP	58	49.43	0.0
			eS	59	02.91	
GRW	0.93	336	eP	58	50.48	0.0
			eS	59	04.67	
TPP	1.00	190	eP	58	51.09	-0.3
			eS	59	05.43	

S.D. = 0.4 on 4 of 4 obs.
 * OCT 12, 1992 18h 08m 24.59±0.61s
 24.716 N ± 9.6km 46.038 W ± 12.2km
 DEPTH = 10.0km (geophysicist)
 4.3mb (7 obs.)
 NORTHERN MID-ATLANTIC RIDGE (403)

SIV	43.04	201	eP	16	27.00	0.7
ZOBO	46.10	210	P	16	50.90	-0.7
	1.2s	12.84nm			4.8mb	
LPB	46.30	210	P	17	06.20	13.3X
CNCB	46.49	210	P	16	54.30	-0.3
GEC2	52.05	46	P	17	37.20	0.5
	1.3s	3.04nm			4.1mb	
ALQ	52.71	296	(P)	17	42.70	0.8
	0.5s	1.16nm			4.1mb	
			epP	17	49.59	23kmX
NB2	52.94	31	P	17	42.50	-0.6
	0.8s	3.10nm			4.3mb	
SRU	55.53	302	ePc	18	02.42	-0.1
			e	18	09.50	
DAU	55.97	303	ePd	18	05.29	-0.6
			e	18	12.55	
MSU	56.87	301	eP	18	12.23	0.0
			eP	18	19.40	23kmX
DUG	57.18	303	eP	18	13.46	-0.9
	0.8s	2.94nm			4.4mb	
			epP	18	21.15	23kmX
ARUT	57.96	300	eP	18	20.58	0.8
			epP	18	27.65	23kmX
YKA	58.50	330	eP	18	28.20	5.2X
	0.9s	2.10nm			4.2mb	
ISA	62.30	299	eP	18	49.76	0.3
	0.8s	4.39nm			4.7mb	
			epP	18	57.15	24kmX

S.D. = 0.7 on 12 of 14 obs.
 * OCT 12, 1992 18h 56m 38.33±1.37s
 40.096 N ± 8.9km 19.834 E ± 14.1km
 DEPTH = 5.0km (geophysicist)
 ALBANIA (391)
 ML 2.3 (TIR).

TPE	0.24	34	iPg	56	41.30	-1.9
			iSg	56	45.00	
SRN	0.25	149	ePg	56	43.20	-0.2
			iSg	56	47.70	
VLO	0.45	325	ePg	56	46.70	-0.7
TIR	1.25	1	ePn	57	02.70	0.7
PHP	1.65	16	ePn	57	08.80	0.7
SKO	2.23	32	ePn	57	18.00	1.5

S.D. = 1.6 on 6 of 6 obs.
 * OCT 12, 1992 18h 59m 28.06±0.92s
 28.723 S ± 6.9km 67.440 W ± 17.3km
 DEPTH = 142.7 ± 20.8 km
 LA RIOJA PROVINCE, ARGENTINA (138)

ZON	3.01	201	iPc	00	17.00	1.1
			eS	00	55.00	
TLL	3.27	243	iPd	00	20.50	1.0
MDZ	4.32	196	iP	00	34.80	1.6
			i	01	12.60	
JACH	4.79	214	eP	00	39.89	0.4
			iS	01	32.79	
FCH	5.20	207	iP	00	46.89	1.6
PEL	5.21	212	iPd	00	44.54	-0.6
ROCH	5.23	215	iP+	00	44.59	-1.0
SAN	5.46	210	iP	00	48.43	-0.1
PCH	5.55	208	iP+	00	50.44	0.8

ANT	5.67	331	eP	00	53.00	1.8
TACH	5.76	210	iP	00	51.16	-1.2
CHCH	5.88	207	iPd	00	53.99	-0.1
LCCH	5.91	216	iP	00	52.52	-2.0
LNV	6.22	212	iPd	00	56.14	-2.6
CNCB	11.87	357	P	02	14.40	0.0
LPB	12.15	357	eP	02	15.00	-2.9
ZOBO	12.39	357	P	02	22.00	0.7
SIV	13.97	26	P	02	41.00	0.0
VAO	19.27	77	eP	03	44.20	0.1
BAO	22.18	58	e(P)	04	13.00	-0.4
			e	04	42.80	
WB2	127.24	206	iPKPc	18	19.20	1.6
	0.4s	1.50nm				

S.D. = 1.5 on 21 of 21 obs.
 OCT 12, 1992 19h 33m 42.78±0.27s
 45.552 N ± 2.5km 26.468 E ± 2.1km
 DEPTH = 103.4 ± 3.6 km
 4.7mb (68 obs.)
 ROMANIA (358)
 MD 4.5 (TTG), 4.3 (THE). Felt
 (IV) at Chisinau, Moldovo.

CVO	0.34	323	iPc	33	43.50	-14.7X
VR1	0.37	29	iPc	33	43.50	-14.8X
MLR	0.37	261	iPc	33	44.00	-14.5X
ISR	0.42	173	iPd	33	44.10	-14.6X
MTUR	1.04	252	iP	33	50.00	-14.3X
BAC	1.06	16	iP	33	58.00	-6.3X
CLI	1.15	29	iPc	33	44.40	-21.0X
CFR	1.24	107	iPc	33	50.90	-15.5X
BUC1	1.25	195	iPd	33	52.40	-14.1X
PTT	1.38	358	iPd	34	01.00	-7.2X
TNR	1.54	274	iPc	34	10.00	-0.2
DRA	1.79	242	iPc	34	15.00	1.7
IAS	1.81	24	iPd	34	15.60	2.1
KIS	2.22	48	iPc+	34	18.50	-0.3
	0.3s	5600.00nm				
PSN	2.24	146	iPd	34	20.00	0.9
PVL	2.47	200	iPd	34	25.00	2.8X
DEV	2.52	279	iPd	34	29.50	6.6X
GZR	2.60	268	iPc	34	23.00	-1.1
BMR	2.95	317	iPd	34	30.00	1.4
JMB	3.09	178	iPd	34	31.00	0.5
BZS	3.41	273	iPc	34	26.50	-8.4X
SSR	3.41	260	iPc	34	32.00	-3.0
PGB	3.43	210	iPd	34	36.00	0.7
DIM	3.57	191	iPd	34	37.00	-0.1

			iSn	35	57.29				e	36	05.00			0.9s	15.00nm		4.2mb			
THE	5.55	209	ePn	35	04.60	0.3	DUI	9.54	250	e	37	23.00		MML	14.82	149	eP	37	09.00	0.9
			eSn	35	49.26		SGO	9.57	243	P	35	58.70	-0.5	NUR	15.02	357	iP	37	05.70	-4.8X
SPC	5.58	313	iPd	35	04.60	-0.3	FVI	9.57	281	P	36	00.60	1.4	UPP	0.4s	7.70nm				4.3mb
UZD	5.59	284	eP	35	04.00	-0.9	SVST	9.64	123	eP	35	59.20	-1.0		15.28	343	iP	37	09.70	-4.0X
KKS	5.59	234	ePn	35	06.20	1.2	SOC	9.66	97	eP	35	57.00	-3.4X		1.0s	100.00nm				5.0mb
EYL	5.67	150	iPn	35	05.00	-1.1				e	37	40.00						37	22.40	
EZN	5.72	181	iPn	35	05.80	-1.0	BRG	9.91	307	iPc	36	02.20	-1.5	DOU	15.36	295	P	37	19.40	4.5X
PHP	5.84	231	iPnd	35	07.80	-0.6		1.4s	36.00nm				5.1mb	MUD	15.37	321	eP	37	14.00	-0.9
			iSn	36	08.30					i	36	12.80		LBF	15.61	283	eP	37	14.70	-3.4X
DVR	5.96	135	iP	36	08.10	58.0X	AQU	9.95	256	P	36	04.20	-0.2		0.7s	8.50nm				4.1mb
			eS	36	14.70		ASS	10.20	261	P	36	07.20	-0.6	LOR	15.68	284	eP	37	15.40	-3.6X
GPA	5.97	150	iPn	35	10.60	0.4	CTI	10.36	278	P	36	12.30	2.3		0.7s	16.00nm				4.4mb
PAIG	5.98	201	ePn	35	10.22	-0.1	WTTA	10.39	285	iPc	36	11.70	1.3	SMF	15.73	282	eP	37	16.20	-3.3X
NIKY	6.03	246	iPnd	35	11.03	0.0		1.3s	107.70nm				5.6mb X		0.5s	21.85nm				4.6mb
			iSn	36	07.74		MNS	10.43	257	P	36	10.10	-0.7	GRS	15.83	105	eP	37	22.00	1.0
FNA	6.05	220	ePn	35	12.94	1.7	CRE	10.53	265	P	36	12.90	0.7		1.3s	40.00nm				4.5mb
SRO	6.05	295	iP	35	10.80	-0.4	CLL	10.63	308	iPc	36	12.60	-0.8	SSF	15.93	284	eP	37	18.20	-3.9X
			i	36	04.50			1.4s	38.00nm				5.1mb X		0.6s	12.10nm				4.3mb
TTG	6.06	242	iPnc	35	11.58	0.2				i	36	33.30		PLDF	15.95	280	P	37	25.04	2.7X
			iSn	36	10.23		FUR	10.73	290	eP	36	14.80	0.1	AVF	16.05	283	eP	37	19.60	-4.0X
GYN	6.06	148	iP	35	08.10	-3.5X		2.0s	355.00nm				5.9mb X		0.7s	13.10nm				4.3mb
			eS	36	19.00		SOI	10.78	230	P	36	14.30	-1.0	AGO	16.27	280	P	37	29.82	3.5X
SDA	6.14	238	ePn	35	14.00	1.6	OGA	10.79	283	eP	36	16.00	0.3	LBL	16.31	277	P	37	30.03	3.2X
LIT	6.18	210	ePn	35	13.10	0.0	GRF	11.09	297	ePd	36	19.20	-0.3	PYM	16.40	279	P	37	31.50	3.5X
LACI	6.28	234	iPnc	35	16.50	2.2	Z	36s	0.10um					BGF	16.42	282	eP	37	24.70	-3.4X
			iSn	36	24.00		MOX	11.16	303	eP	36	20.00	-0.4		0.7s	15.85nm				4.4mb
BRY	6.28	248	iPnd	35	14.11	-0.4		1.6s	65.00nm				5.2mb	HFS	16.47	337	eP	37	25.00	-3.6X
			iSn	36	13.43		OSS	11.39	282	P	36	27.38	3.7X		0.4s	9.10nm				4.3mb
ULC	6.34	238	iPnc	35	16.64	1.4	OBN	11.53	30	eP	36	21.00	-4.2X	Z	18s	67.00um				
			iSn	36	17.54			0.4s	70.00nm				5.8mb X		LR			40	05.00	
TIR	6.38	231	ePn	35	18.00	2.2	PPCY	11.56	155	eP	36	25.00	-0.7	TAB	16.56	110	eP	37	33.00	2.9X
			eSn	36	25.50		CSS	11.80	151	eP	36	31.60	2.7X	KAF	16.59	360	iP	37	24.60	-5.6X
BDV	6.41	242	iPnd	35	18.13	1.9	VDL	11.86	281	P	36	37.06	7.2X		0.4s	9.50nm				4.4mb
			iSn	36	17.83		BOB	12.05	272	P	36	35.00	2.8X	MAF	16.65	281	eP	37	28.20	-2.8
NAL	6.42	145	eP	35	15.60	-0.8	BSD	12.07	327	eP	36	30.40	-1.9		0.7s	13.55nm				4.3mb
			eS	36	26.50			0.7s	25.00nm				5.0mb	TCF	16.88	281	eP	37	29.60	-4.3X
SGKT	6.44	139	eP	35	15.80	-1.0	LLS	12.18	282	P	36	36.97	2.9X		0.8s	1.40nm				3.2mb X
OJC	6.47	319	ePc	35	16.00	-1.1	TMA	12.29	279	P	36	45.13	9.7X	MBH	17.09	154	eP	37	36.00	-0.6
	0.7s	117.00nm			5.4mb X		MOS	12.40	31	eP	36	45.00	8.4X	CAF	17.19	277	eP	37	35.80	-1.9
			i	36	31.80			2.0s	100.00nm				5.1mb		0.8s	6.30nm				3.9mb
BZK	6.53	121	iPn	35	14.10	-3.7X	SLE	12.55	287	P	36	37.45	-1.2	LSF	17.36	281	eP	37	34.50	-5.2X
HCY	6.53	244	iPnc	35	18.66	0.8	ZLA	12.60	285	P	36	47.52	8.1X		0.5s	10.50nm				4.3mb
			iSn	36	20.86		PGF	12.92	263	eP	36	42.70	-1.0	RJF	17.50	278	eP	37	37.70	-3.8X
ZST	6.94	296	iP	35	22.70	-0.8		0.8s	31.05nm				5.0mb	NB2	17.92	335	P	37	41.60	-4.8X
			i	35	43.80		MMK	12.92	279	P	36	51.47	7.6X		0.8s	7.90nm				4.0mb
TPE	7.07	224	ePn	35	32.00	6.7X	ROB	13.24	271	P	36	54.73	6.9X	LFF	18.11	277	eP	37	45.00	-3.8X
IZM	7.17	175	iPn	35	26.60	-0.1	DIX	13.31	279	P	36	54.13	5.3X		0.6s	23.80nm				4.6mb
RAC	7.18	312	eP	35	25.00	-1.7	IMI	13.31	270	P	36	55.96	7.2X	LDF	18.33	289	eP	37	44.30	-7.2X
KART	7.19	125	eP	35	24.80	-2.4	CDF	13.41	289	eP	36	44.50	-5.5X		0.3s	9.20nm				4.5mb
VLO	7.20	228	ePn	35	32.60	5.6X	COP	13.47	324	iPc	36	47.00	-3.6X	MFF	18.47	283	eP	37	46.80	-6.3X
ABG	7.21	207	ePn	35	26.58	-0.6		0.8s	35.82nm				4.9mb		0.6s	55.75nm				5.0mb
BSTK	7.35	139	eP	35	27.50	-1.7	RSP	13.52	275	P	36	54.83	3.3X	FLN	18.57	290	eP	37	46.50	-7.7X
			eS	37	01.00		LSD	13.55	277	P	36	59.24	7.2X		0.9s	35.55nm				4.7mb
ZAG	7.35	276	eP	35	29.80	0.8	BHB	13.57	274	P	36	56.68	4.7X	GRR	18.83	289	eP	37	50.40	-6.5X
PTJ	7.37	276	iPc	35	29.10	-0.3	ENR	13.57	271	P	36	55.96	3.8X		0.5s	10.70nm				4.4mb
SRN	7.40	222	ePn	35	34.20	4.5X	STV	13.64	271	P	36	56.68	3.7X	EPF	18.85	272	eP	37	53.50	-3.8X
VKA	7.46	295	eP	35	30.00	-0.6	EMS	13.64	279	P	36	58.56	5.4X		0.6s	14.25nm				4.5mb
KHL	7.57	161	iPn	35	31.10	-1.1	SBF	13.64	270	eP	36	53.00	0.0	LPF	18.96	287	eP	37	51.70	-6.6X
VRAC	7.68	303	iPd	35	33.00	-0.5		0.6s	13.70nm				4.5mb		0.4s	13.20nm				4.6mb
	1.2s	238.60nm			5.7mb		BSF	13.70	287	eP	36	48.70	-5.1X	KER	19.32	118	eP	38	06.00	3.6X
			e	35	40.40			0.8s	16.00nm				4.4mb	MOL	20.21	334	eP	38	11.20	0.1
CTK	7.81	126	eP	35	34.00	-1.4	PZZ	13.74	273	P	36	58.42	4.0X	EKA	21.10	308	P	38	19.00	-1.3
VBY	7.88	274	eP	35	36.50	0.3	LPG	13.83	277	eP	36	56.80	1.2		0.6s	4.30nm				4.0mb
CIN	8.04	171	eP	35	37.00	-1.4		0.7s	38.35nm				4.8mb	ETOR	21.27	267	iPd	38	22.60	0.4
			ePg	35	57.00		LPL	13.84	277	eP	36	56.80	1.1	SDF	21.92	360	iP	38	28.70	0.4
			iSg	36	14.00			0.7s	10.70nm				4.3mb	EALH	22.12	260	iPd	38	32.15	1.7
BRT	8.22	239	P	35	41.60	0.7	RRL	13.89	274	P	37	02.93	6.5X	APA	22.35	7	iPd	38	33.60	1.2
LJU	8.36	278	eP	35	44.00	1.2	RSL	13.89	278	P	36	58.30	2.0	EVIA	22.50	262	iP+	38	35.29	1.0
MNK	8.39	4	eP	35	46.00	2.9X	GRO	13.90	92	eP	36	58.00	1.7	DLF	22.66	302	eP	38	41.00	5.4X
KSP	8.61	312	iP	35	44.30	-1.9	BNI	13.94	275	P	36	59.10	2.1	ARU	22.74	50	iPc	38	36.00	-0.4
	0.9s	69.00nm			5.4mb X		HAU	14.00	287	eP	36	52.50	-5.1X		0.7s	50.00nm				5.0mb
BCK	8.65	158	ePn	35	47.40	0.5	ERE	14.26	106	eP	37	03.00	1.9					39	10.00	
VOY	8.80	278	e(P)	35	47.00	-1.9	FRF	14.27	269	eP	37	00.90	-0.2	EHUE	22.95	261	iPd	38	39.76	1.1
TRHT	8.82	123	eP	36	37.80	48.6X		0.7s	46.15nm				4.8mb	DMU	22.96	303	eP	38	40.30	1.8
TRI	8.91	276	P	35	51.90	1.7	ATZ	14.42	149	eP	37	02.00	-1.0	TOL	23.04	267	iPc	38	39.50	0.0
AKKT	9.06	118	eP	35	50.60	-1.9	PUL	14.42	8	(P)	36	40.00	-22.9X		1.0s	140.00nm				5.3mb
ELL	9.17	162	eP	35	54.90	1.0	LMR	14.43	268	eP	37	03.00	-0.1	ENIJ	23.10	258	iPd	38	40.66	0.6
PRU	9.17	303	Pd	35	52.50	-1.4		0.6s	17.25nm											

ELUO	24.23	262	iPd	38	50.64	-0.4	0.5s	1.07nm	4.0mb	MKT	3.52	67	eP	32	33.90	0.9							
ERUA	24.29	275	eP	38	51.56	0.0	SRU	87.29	328	eP	46	17.80	-1.2		eS	33	32.90						
EPLA	24.39	269	iP+	38	50.26	-2.3	MSU	88.43	329	eP	46	24.47	-0.1	AYN	4.11	99	eP	32	40.00	-1.2			
ASH	24.85	96	eP	39	01.00	4.2X	BAO	90.53	248	e(P)	46	35.00	0.6	SALJ	4.41	56	P	32	43.50	-2.0			
EPRU	25.20	261	iPd	38	58.37	-1.7			e	46	39.00		HRI	5.21	45	eP	32	57.00	0.0				
EJIF	25.62	261	iP+	39	24.40	20.4X			e	47	04.10		CSS	5.58	17	eP	32	57.40	-4.7X				
SHI	25.89	119	eP	39	08.00	1.3	S.D. = 1.2 on 193 of 277 obs.											eS	34	03.90			
MAIO	26.45	99	eP	39	15.00	3.3X	* OCT 12, 1992 19h 59m 22.87±0.93s										GEC2	23.48	330	P	36	47.90	0.3
BRVK	29.15	59	iPd	39	36.00	0.2	43.018 N ± 7.4km 2.623 W ±12.3km											0.6s		0.75nm		3.4mb	
	0.4s	15.00nm			5.0mb		DEPTH = 10.0km (geophysicist)													e	36	50.50	
FRU	34.22	77	eP	40	22.50	2.3	SPAIN (377)										S.D. = 1.5 on 9 of 10 obs.						
			e	41	41.00		ML 3.0 (LDG). mbLg 3.3 (MDD).										? OCT 12, 1992 22h 02m 27.66±2.09s						
KSH	36.53	82	P	40	42.10	2.2	ECRI 0.42 168 iPgc 59 31.20 -0.2										18.722 S ±30.1km 169.310 E ±18.3km						
NRI	38.41	30	ePc	40	56.00	0.9	EPF 2.17 89 Pn 00 00.80 1.2										DEPTH = 244.2 ± 19.7 km						
	1.2s	17.00nm			4.8mb		ETOR 2.24 169 ePn 00 00.00 -0.6										4.5mb (5 obs.)						
			e	42	46.00		LFF 3.10 51 Pn 00 14.20 1.6										VANUATU ISLANDS (186)						
WMO	42.63	70	Pc	41	31.50	1.3	EROQ 3.15 133 ePn 00 16.00 2.5X										Felt at Port-Vila.						
	0.7s	21.00nm			5.1mb		LPO 3.22 58 Pn 00 15.00 0.5										DZM 4.28 218 iPc 03 35.30 0.2						
TIC	47.39	225	P	42	07.08	-1.3	TOL 3.31 199 ePg 00 27.00 11.2X										BRS 17.48 237 iP 06 16.30 -1.3						
KIC	47.50	224	Pc	42	08.02	-1.1	RJF 3.75 51 Pn 00 21.60 -0.5										CNB 24.19 223 iPc 07 24.00 0.3						
	0.3s	8.50nm			5.0mb		CAF 3.88 59 Pn 00 23.20 -0.7										0.8s 17.00nm 4.6mb						
LIC	47.76	225	Pc	42	10.04	-1.1	EPLA 3.93 222 ePn 00 25.10 0.5										STK 28.18 237 eP 07 59.90 0.1						
	0.2s	9.50nm			5.2mb		MFF 3.99 25 Pn 00 28.30 2.9X										WB2 32.97 262 iPd 08 41.50 -0.3						
GKN	48.70	90	P	42	18.94	0.4	LSF 4.38 41 Pn 00 31.50 0.5										WRA 32.99 262 P 08 41.70 -0.2						
	0.7s	162.00nm			6.0mb X		TCF 4.75 45 Pn 00 36.30 0.0										0.5s 0.70nm 3.5mb						
DMN	49.27	90	P	42	23.56	0.5	MAF 4.90 47 Pn 00 37.30 -1.0										WARB 39.99 251 eP 09 41.00 0.6						
	0.6s	68.00nm			5.8mb X		BGF 5.26 46 Pn 00 42.10 -1.3										MBL 46.43 258 iPc 10 32.90 0.8						
KKN	49.28	90	P	42	25.30	2.2	S.D. = 1.0 on 12 of 15 obs.										0.4s 13.00nm 4.6mb						
	0.6s	153.00nm			6.1mb X		% OCT 12, 1992 21h 29m 00.33±0.56s										MEEK 47.19 251 eP 10 38.00 0.0						
PKI	49.50	90	P	42	25.06	0.1	42.325 N ± 4.8km 18.935 E ± 4.1km										SRU 94.27 50 (P) 15 20.56 0.0						
	0.8s	44.00nm			5.5mb		DEPTH = 5.0km (geophysicist)										GEC2 144.07 332 PKP 21 35.40 -0.3						
ZAK	49.52	55	iPc	42	25.50	1.2	NORTHWESTERN BALKAN REGION (383)										0.8s 0.87nm						
	1.0s	10.00nm			4.7mb		MD 1.8 (TTG).										S.D. = 0.6 on 11 of 11 obs.						
GUN	49.63	89	P	42	26.24	0.3	BDV 0.09 242 iPgd 29 02.52 0.1										? OCT 12, 1992 22h 18m 01.21±4.11s						
	0.6s	82.00nm			5.9mb X		TTG 0.26 66 iPgd 29 05.70 0.0										31.281 S ±23.7km 68.791 W ±39.0km						
TIK	51.17	23	eP	42	36.00	-0.6	HCY 0.35 291 iPgc 29 07.23 -0.1										DEPTH = 100.0km (geophysicist)						
	1.0s	9.00nm			4.7mb		ULC 0.43 147 iPgd 29 08.98 0.0										SAN JUAN PROVINCE, ARGENTINA (137)						
HYB	51.40	105	eP	42	38.00	-1.1	NKY 0.49 5 iPgd 29 10.66 0.5										CFA 0.57 125 ePd 18 17.70 -0.1						
			e	43	51.00		BRY 0.64 334 iPgc 29 12.88 -0.3										S 18 31.20						
BOD	51.96	43	iPc	42	41.20	-1.6	PVY 0.81 70 iPgc 29 16.65 0.0										RTPR 2.19 64 eP 18 37.00 0.2						
	1.1s	16.00nm			4.9mb		IVA 0.90 52 iPgc 29 17.83 -0.2										MRA 2.86 114 ePd 18 46.10 0.4						
LSA	52.25	84	iPc	42	47.00	1.1	S.D. = 0.3 on 8 of 8 obs.										TCA 3.60 92 e(P) 18 55.50 -0.5						
	0.3s	7.00nm			5.1mb		* OCT 12, 1992 21h 31m 37.02±2.39s										e 19 36.00						
GTA	52.71	69	P	42	49.00	0.3	29.618 N ±20.0km 31.377 E ±17.1km										S.D. = 0.6 on 4 of 4 obs.						
	1.0s	9.00nm			4.7mb		DEPTH = 10.0km (geophysicist)										& OCT 12, 1992 23h 13m 29.57s						
		sP		43	15.00		3.4mb (1 obs.)										68.108 N 157.596 W						
GBA	53.38	110	P	42	52.00	-1.6	EGYPT (553)										DEPTH = 10.0km (geophysicist)						
LZH	57.20	70	Pc	43	21.50	0.1	MD 3.7 (HLW).										3.9mb (2 obs.)						
	1.2s	36.00nm			5.3mb		HLW 0.24 353 eP 31 42.00 -0.2										NORTHERN ALASKA (676)						
			sP	43	48.00		SAGI 2.91 77 eP 32 25.70 1.4										<AEIC>. ML 3.9 (AEIC), 3.5						
BTO	58.58	62	eP	43	30.60	-0.2	M8H 3.05 86 eP 32 28.20 1.9										(PMR).						
HHC	59.39	61	eP	43	36.40	-0.1	HQL 3.22 95 iPd 32 27.30 -1.3																
	1.0s	14.00nm			5.0mb												IMA 2.56 141 eP 14 12.30 0.4						
LMN	60.14	306	eP	43	43.50	2.2											BRW 3.23 5 eP 14 21.30 0.1						
CD2	60.23	75	P	43	42.40	0.2											eS 14 58.80						
	0.6s	32.00nm			5.6mb												ANM 4.74 225 eP 14 42.36 -0.3						
JAO	61.00	318	eP	43	45.50	-1.6											eS 15 36.67						
TIY	61.80	64	eP	43	52.30	-0.5											MDM 4.90 126 eP 14 45.12 0.1						
BJI	62.70	60	eP	43	58.00	-0.5											NEA 4.93 132 eP 14 45.49 0.1						
	1.2s	16.00nm			4.9mb												FYU 5.03 102 eP 14 45.41 -1.3						
CHTO	64.63	89	iPc	44	11.20	-0.3											FBA 5.07 125 eP 14 49.60 2.2						
	0.8s	22.14nm			5.1mb												GLM 5.14 123 eP 14 48.08 -0.3						
GYA	65.00	77	P	44	13.60	-0.3											TTA 5.24 172 eP 14 50.70 0.8						
	1.0s	12.00nm			4.8mb												CCB 5.25 127 eP 14 48.89 -1.0						
BUL	65.41	178	iP	44	17.70	1.3											WRH 5.29 129 eP 14 50.13 -0.4						
	0.9s	7.14nm			4.6mb												KTH 5.33 146 eP 14 50.34 -0.8						
CN2	65.71	52	eP	44	18.00	-0.1											TRF 5.56 144 eP 14 53.77 -0.7						
	1.0s	12.00nm			4.8mb												HDA 5.68 126 eP 14 56.62 0.6						
BDT	65.72	90	ePd	44	18.50	0.1											RND 5.93 139 P 14 59.33 -0.3						
RSNY	66.32	310	eP	44	25.49	3.5X											SKT 6.66 155 eP 15 09.55 -0.3						
	0.7s	3.19nm			4.4mb												eS 16 23.24						
CIR	66.41	175	iPd	44	19.90	-2.7											SVW 7.08 172 eP 15 15.70 0.0						
NST	67.58	90	eP	44	32.50	2.2											NCG 7.12 158 eP 15 15.84 -0.5						
YKA	67.89	342	eP	44	30.00	-1.5											eS 16 34.43						
	0.5s	3.00nm			4.5mb												BGL 7.22 160 eP 15 17.54 -0.2						
NNT	69.41	93	eP	44	41.60	0.0											CGLM 7.23 158 eP 15 17.52 -0.4						
FBA	69.80	357	eP	44	44.10	0.9											CRP 7.25 159 eP 15 18.38 0.2						
	0.8s	2.80nm			4.1mb												CKL 7.29 160 eP 15 18.41 -0.4						
SLR	70.96	178	iPd	44	48.50	-2.3											SPU 7.35 159 eP 15 19.51 0.1						
	1.2s	31.25nm			5.0mb																		
KSR	71.07	180	iPd	44	51.50	0.0																	
SES	77.58	334	eP	45	27.00	-1.6																	
DPW	81.95	337	eP	45	51.97	0.0																	
PDCR	82.52	244	eP	45	55.60	0.4																	
GMW	83.44	340	eP	46	00.13	0.5																	
BW06	83.73	329	eP	46	01.00	-0.4																	

12d 23h

BKG 7.43 160 eP 15 18.92 -1.7
 PMR 7.46 147 eP 15 24.00 3.0
 TOA 7.70 136 eP 15 23.87 -0.6
 KNK 7.76 146 eP 15 24.80 -0.5
 YKA 18.49 87 eP 17 45.70 -1.2
 0.6s 1.50nm 3.3mb
 EKA 55.43 17 Pd 23 08.90 3.1
 1.2s 5.50nm 4.5mb
 29 obs. associated

? OCT 12, 1992 23h 21m 36.16±0.57s
 9.250 S ±10.0km 109.515 E ±10.7km
 DEPTH = 33.0km (normal)
 4.7mb (6 obs.)

SOUTH OF JAWA, INDONESIA (282)

TRT 3.45 64 iPd 22 28.30 -0.6
 iS 23 09.60
 KHKI 6.09 82 eP 23 20.00 13.8X
 eS 24 31.10
 e 26 14.00

NANU 14.44 157 eP 24 59.00 -1.2
 0.3s 7.00nm 4.7mb
 eS 27 24.00

MBL 15.46 141 eP 25 15.00 1.5
 0.3s 3.00nm 4.1mb
 eS 27 55.00

MEEK 19.32 155 eP 26 05.00 3.3X
 eS 29 21.00

WB2 26.24 117 iPd 27 18.50 8.2X
 0.8s 1.00nm 3.5mb X
 STK 37.29 132 iPc 28 54.00 6.9X
 0.7s 5.00nm 4.5mb

GBA 39.11 305 P 29 02.00 -0.4
 HYB 40.48 311 eP 29 13.00 -0.8
 PKI 43.42 328 P 29 38.00 -0.1
 GUN 43.45 329 P 29 39.08 0.7
 DMN 43.61 328 P 29 39.78 0.3
 0.8s 35.00nm 5.2mb

KNK 43.66 328 P 29 40.26 0.4
 GKN 44.17 328 P 29 44.12 0.2
 LZH 45.41 354 eP 29 57.50 3.7X
 1.2s 15.00nm 4.8mb

BJI 49.43 7 eP 30 29.50 4.6X
 0.9s 9.00nm 4.8mb
 S.D. = 0.9 on 10 of 16 obs.

OCT 12, 1992 23h 42m 09.29±0.48s
 5.017 N ± 7.3km 32.021 E ± 9.5km
 DEPTH = 33.0km (normal)
 4.6mb (15 obs.)

SUDAN (557)

mbLg 4.9 (BUL).

AAE 7.79 59 ePn 44 05.00 1.4
 NAI 7.87 142 iPd 44 06.50 2.0
 iSn 45 25.30
 eSg 46 10.00
 eLg 46 25.50

LWI 7.89 204 iPd 44 02.80 -2.1
 iS 44 49.90
 KRI 21.84 186 iPd 47 02.00 0.9
 iSn 51 49.10
 iLR 53 25.10

BUL 25.23 188 iP 47 38.10 4.1X
 1.4s 26.74nm 4.6mb
 CIR 25.87 181 iPd 47 40.60 0.7
 iLR 55 30.50

MAIO 40.07 35 eP 49 45.00 1.5
 LPG 45.94 335 eP 50 31.20 0.0
 0.9s 4.10nm 4.4mb

LPL 45.97 335 eP 50 31.20 -0.1
 0.7s 1.75nm 4.1mb
 GEC2 46.37 343 P 50 38.80 4.5X
 0.8s 1.21nm 3.9mb

KHC 46.67 343 eP 50 36.40 -0.2
 BSF 47.82 337 eP 50 45.80 0.0
 0.7s 2.45nm 4.3mb

SMF 48.09 334 eP 50 48.20 0.4
 0.8s 6.45nm 4.7mb
 LBF 48.29 334 eP 50 49.50 0.1
 MAF 48.33 333 eP 50 50.80 1.1
 0.9s 7.70nm 4.7mb

AVF 48.42 334 eP 50 50.70 0.5
 0.8s 4.15nm 4.5mb

BGF 48.46 333 eP 50 51.20 0.6
 TCF 48.55 333 eP 50 52.60 1.3

SSF 0.9s 9.65nm 4.8mb
 48.56 334 eP 50 51.40 0.0
 0.8s 4.45nm 4.5mb

LOR 48.57 335 eP 50 51.60 0.1
 0.8s 4.45nm 4.5mb
 LSF 48.83 332 eP 50 54.30 0.8
 0.9s 9.00nm 4.8mb

GKN 54.87 59 P 51 37.74 -1.7
 1.1s 27.00nm 5.2mb
 DMN 55.18 60 P 51 42.22 0.5

KKN 55.37 60 P 51 41.60 -1.5
 1.3s 43.00nm 5.3mb
 PKI 55.43 60 P 51 41.54 -2.1

NUR 55.64 356 eP 51 53.00 8.8X
 GUN 55.92 60 P 51 45.72 -1.5
 NB2 58.05 348 P 51 58.70 -2.7
 0.8s 4.40nm 4.6mb

S.D. = 1.3 on 25 of 28 obs.

OCT 12, 1992 23h 43m 14.12±0.16s
 4.286 S ± 3.0km 153.040 E ± 4.4km
 DEPTH = 64.5km (2 depth phases)
 5.3mb (51 obs.)

NEW IRELAND REGION, P.N.G. (190)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 22S, 36C

Centroid Location:

Origin Time 23:43:15.4 0.5

Lat 4.28S FIX; Lon 152.98E FIX

Dep 15.0 FIX Half-duration 1.3

Moment Tensor: Scale 10**16 Nm

Mrr=-2.63 0.67 Mtt=7.72 0.52

Mff=-5.09 0.78 Mrt=4.61 0.98

Mrf=9.36 0.80 Mtf=5.07 0.72

Principal Axes:

T Val=13.56 Plg=28 Azm=330

N -0.22 37 216

P -13.34 40 87

Best Double Couple:Mo=1.3*10**17

NP1:Strike=112 Dip=38 Slip=-12

NP2: 211 83 -127

RA8 0.88 276 iPd- 43 29.70 -1.4
 LAT 6.46 248 eP 44 51.60 2.8
 MDG 7.30 262 eP 45 02.40 2.0
 PMG 7.74 229 eP 45 06.00 -0.6
 eS 46 30.00

HNR 8.55 127 eP 45 17.00 -0.8
 eS 45 50.00
 CTA 17.04 202 iPc+ 47 10.00 0.3
 1.0s 17.50nm 4.2mb X
 Z 21s 7.53um 4.5msz

i 47 27.00
 iS 50 24.00
 GUA 19.46 336 eP 47 39.00 0.4
 1.2s 1712.50nm 6.2mb

PJG 19.52 336 eP 47 39.00 -0.2
 DZM 21.94 145 iPc 48 03.00 -1.0
 i 55 36.10

SWI 22.02 278 eP 48 04.50 -0.2
 RMO 22.46 190 iPc 48 09.20 0.2
 0.7s 48.00nm 5.0mb

BRS 22.98 181 iPc 48 14.00 -0.1
 1.0s 12.00nm 4.3mb X
 i 48 24.00
 i 50 17.00
 iS 52 20.00

OLP 23.72 200 eP 48 22.30 1.1
 0.4s 34.00nm 5.2mb
 WB2 23.95 228 iPc 48 23.60 0.0
 0.5s 38.70nm 5.1mb

eS 52 42.00
 WRA 23.96 228 P 48 23.89 0.2
 0.6s 8.70nm 4.4mb

AAI 24.79 270 eP 48 48.00 16.3X
 ARMA 26.03 183 iPd 48 44.60 1.4
 1.0s 57.00nm 5.1mb

KNA 26.44 243 eP 48 48.00 1.1
 STK 29.48 200 eP 49 12.90 -1.4
 0.8s 8.20nm 4.5mb

iPcP 52 18.90
 eS 53 59.10
 iScP 55 58.80

BWA 30.29 188 eP 49 21.80 0.3
 CNB 31.06 186 eP 49 28.00 -0.3
 1.0s 33.00nm 5.0mb

CAN 31.11 186 eP 49 28.80 0.1
 WARB 33.36 227 eP 49 48.00 -0.5
 0.3s 8.00nm 5.1mb

FORT 35.33 219 eP 50 04.00 -1.3
 MBL 36.35 240 eP 50 12.30 -1.6
 0.4s 17.00nm 5.3mb

MEEK 39.70 232 eP 50 41.00 -1.0
 0.4s 20.00nm 5.4mb
 COOL 40.02 225 eP 50 44.00 -0.6

NANU 40.58 240 eP 50 48.00 -1.2
 THZ 41.33 157 eP 50 54.90 -0.3
 1.0s 86.00nm 5.5mb

TCW 41.41 156 eP 50 55.50 -0.2
 MRW 41.60 155 eP 50 56.80 -0.5
 CAW 41.65 155 eP 50 57.20 -0.6

PGZ 41.78 153 eP 50 57.80 -1.0
 0.4s 90.00nm 5.9mb
 MTW 41.88 154 eP 50 58.50 -1.1

LTZ 41.97 159 eP 51 00.50 0.1
 BLW 42.04 155 eP 51 00.70 -0.3
 KHZ 42.13 157 eP 51 00.70 -1.0

MSZ 42.29 164 eP 51 03.70 0.8
 0.6s 273.00nm 6.2mb
 BWZ 42.73 162 eP 51 06.10 -0.4

KLB 42.83 226 eP 51 05.00 -2.0
 MAT 42.92 342 eP 51 05.00 -3.2X
 1.1s 12.66nm 4.6mb

Z 20s 0.71um 4.6msz
 eS 57 15.00

BAL 43.09 228 eP 51 09.00 -0.7
 ODZ 43.43 162 eP 51 11.70 -0.5
 SHNJ 43.45 333 eP 51 12.40 -0.1

TUZ 43.95 163 eP 51 16.50 0.1
 OFUJ 44.41 347 P 51 20.20 0.0
 SSE 46.49 321 P 51 36.60 -0.2

1.0s 45.00nm 5.4mb
 Z 20s 0.90um 4.7msz
 KUSJ 47.76 352 eP 51 46.60 0.0

WHN 50.65 316 Pd 52 10.00 1.0
 1.0s 18.00nm 5.1mb
 DL2 51.86 329 eP 52 17.80 -0.2

1.0s 91.00nm 5.8mb
 YSS 51.89 351 (P) 52 16.00 -2.1
 e 59 36.00

TJA 52.45 323 Pc 52 22.00 -0.5
 1.4s 150.00nm 5.8mb
 Z 28s 1.07um 4.7msz

PPI 52.72 273 e(P) 52 23.00 -2.0
 MDJ 53.03 339 eP 52 25.70 -1.0
 1.0s 46.00nm 5.5mb

SNY 53.16 333 Pd 52 27.00 -0.6
 CN2 53.93 335 P 52 32.50 -0.8
 1.0s 49.00nm 5.5mb

Z 22s 0.93um 4.8msz
 GYA 54.28 307 iPd 52 37.00 0.7
 1.0s 19.00nm 5.1mb

BJI 55.60 326 eP 52 44.50 -1.0
 1.5s 63.00nm 5.4mb
 Z 22s 0.62um 4.6msz

eS 00 20.00
 eS 04 04.00
 PcS 57 40.00

NST 55.98 292 eP 52 51.00 2.4
 TIY 56.27 322 Pc 52 50.00 -0.6
 1.0s 40.00nm 5.4mb

Z 21s 1.11um 4.9msz
 XAN 56.42 316 P 52 50.80 -0.8
 1.0s 33.00nm 5.3mb

pP 53 08.80 70km
 PET 57.28 4 eP 52 57.00 -0.3
 e 00 56.00

CHTO 57.98 295 eP 53 02.80 0.0
 1.4s 29.33nm 5.2mb
 CD2 58.59 310 P 53 05.80 -1.1

1.0s 44.00nm 5.5mb
 HHC 58.77 324 P 53 08.00 -0.1
 1.2s 51.00nm 5.5mb

BTO 59.53 323 P 53 13.00 -0.4
 LZH 61.03 316 Pc 53 24.00 0.3
 1.6s 27.00nm 5.1mb

Z 22s 0.72um 4.8msz
 pP 53 40.00 60km
 MGD 64.21 359 eP 53 43.00 -1.1

1.0s 40.00nm 5.3mb
 e 03 00.00
 e 54 07.00

CIT 65.30 334 eP 53 52.50 1.0

13d 04h

SIV 12.77 95 P 06 20.00 -3.8X
 PPD 22.79 111 eP 08 19.60 -0.1
 BAO 25.37 94 Pc 08 44.00 -0.5
 e 08 58.00
 e 09 05.00
 e 09 17.60
 VAO 26.92 111 (P) 09 00.00 1.3
 PRM 49.65 351 (P) 12 08.52 0.3
 ALO 58.51 329 eP 13 13.50 0.3
 0.9s 6.09nm 4.7mb
 KIC 72.17 78 P 14 40.20 -1.0
 S.D. = 1.1 on 11 of 13 obs.

* OCT 13, 1992 04h 40m 54.25± 1.88s
 51.397 N ±20.2km 15.799 E ± 9.4km
 DEPTH = 10.0km (geophysicist)

POLAND (548)
 MG 2.8 (WAR).

BRG 1.28 247 iPg 41 16.60 -1.4
 iSg 41 37.00
 PRU 1.62 210 ePg 41 22.00 -0.9
 0.4s 17.20nm
 e 41 26.00
 Sg 41 44.80
 e 41 52.50
 CLL 1.75 268 iPg 41 25.80 0.9
 iSg 41 52.00
 VRAC 2.15 166 ePg 41 31.10 0.5
 0.5s 14.90nm
 eSg 41 58.30
 KHC 2.68 213 Pn 41 39.60 1.4
 ePg 41 47.00
 Sn 42 08.80
 Sg 42 20.50
 MOX 2.75 256 ePg 41 45.30 6.1X
 iSg 42 25.10
 OJC 2.80 113 eP 41 39.40 -0.5
 eS 42 14.50
 S.D. = 1.4 on 6 of 7 obs.

? OCT 13, 1992 05h 20m 26.74± 1.23s
 37.631 S ±13.1km 178.144 E ±13.6km
 DEPTH = 33.0km (normol)
 OFF E. COAST OF N. ISLAND, N.Z. (160)
 ML 3.8 (WEL).

HBZ 0.13 76 Pc 20 33.00 0.3
 eS 20 38.60
 NOZ 0.99 185 eP 20 43.70 -0.6
 URZ 1.03 232 P 20 45.60 0.7
 eS 21 00.00
 KUZ 2.13 294 P 21 00.20 -0.4
 eS 21 25.90
 S.D. = 1.1 on 4 of 4 obs.

OCT 13, 1992 06h 04m 16.66± 0.54s
 37.235 N ± 4.4km 20.758 E ± 2.8km
 DEPTH = 38.7 ± 5.2 km
 4.7mb (26 obs.)

IONIAN SEA (399)
 MD 4.5 (ATH), 4.4 (THE).

VLS 0.95 352 ePn 04 33.00 -0.7
 VLI 1.82 106 ePn 04 47.00 0.9
 AGG 2.17 34 ePn 04 53.68 2.5X
 ATH 2.46 72 ePn 04 55.60 0.3
 KEK 2.59 343 ePn 04 55.50 -1.5
 SRN 2.71 348 iPnd 05 00.10 1.4
 iSn 05 44.00
 TPE 3.11 349 ePn 05 05.50 1.1
 iSn 05 47.50
 LIT 3.17 25 ePnc 05 06.52 1.3
 eSn 05 43.80
 KZN 3.17 14 ePn 05 07.00 1.7
 VLO 3.38 343 ePn 05 10.20 2.0
 PAIG 3.53 40 ePn 05 11.80 1.4
 THE 3.80 26 ePn 05 14.76 0.5
 eSn 06 01.50
 SOI 3.82 284 P 05 14.90 0.3
 GRG 3.93 18 ePnc 05 15.92 -0.2
 GMB 3.99 285 P 05 17.25 0.1
 SOH 4.11 29 iPn 05 19.36 0.6
 TIR 4.16 351 iPnc 05 20.00 0.6
 iSn 06 14.50
 TDS 4.23 306 P 05 20.50 0.1

KNT 4.26 22 iPn 05 21.40 0.7
 ATN 4.30 284 P 05 17.20 -4.1X
 VAY 4.32 18 iPn 05 22.30 0.8
 0.6s 132.00nm
 i 05 24.60
 NPS 4.39 115 ePb 05 33.00 10.4X
 PHP 4.45 357 ePn 05 23.30 -0.2
 iSn 06 19.50
 SRS 4.46 29 ePn 05 23.88 0.3
 LACI 4.47 350 iPnc 05 24.50 0.8
 iSn 06 25.00
 BRT 4.57 324 P 05 25.30 0.1
 MEU 4.66 270 P 05 25.40 -1.1
 PZI 4.67 269 P 05 24.45 -2.3
 SKO 4.76 6 iPn 05 27.30 -0.6
 i 05 36.00
 i 05 57.80
 i (Sn) 06 30.00
 Lg 07 24.00
 PRK 4.78 64 ePn 05 28.00 -0.2
 KKS 4.84 357 ePn 05 30.00 1.0
 ULC 4.86 347 iPnc 05 28.43 -0.9
 iSn 06 18.24
 MNO 4.87 280 P 05 29.40 -0.2
 SDA 4.91 349 ePn 05 30.00 0.1
 BCI 5.15 354 iPn 05 33.10 -0.3
 BDV 5.26 344 iPnd 05 33.36 -1.5
 iSn 06 26.45
 TTG 5.31 348 iPnc 05 34.99 -0.6
 iSn 06 29.60
 PVY 5.39 354 iPnc 05 37.36 0.6
 iSn 06 33.98
 SGO 5.39 310 P 05 37.90 1.2
 GIB 5.40 280 P 05 37.10 0.2
 RZN 5.40 33 iPc 05 37.00 0.0
 HCY 5.49 342 iPnd 05 36.29 -1.8
 iSn 06 31.70
 ALN 5.50 47 ePn 05 38.12 -0.2
 FAI 5.65 273 P 05 40.50 0.1
 IVA 5.67 354 iPnc 05 41.26 0.6
 iSn 06 40.48
 VTS 5.67 19 iPd 05 31.00 -9.8X
 KDZ 5.69 38 iPd 05 40.00 -1.0
 NKY 5.73 347 iPnd 05 40.35 -1.3
 iSn 06 39.34
 PLD 5.74 31 eP 05 42.00 0.4
 BRY 5.91 344 iPnd 05 41.98 -2.2
 iSn 05 42.21
 PGB 5.92 25 eP 05 44.00 -0.2
 DIM 6.06 36 eP 05 46.00 -0.1
 PLE 6.18 351 iPnd 05 47.58 -0.3
 iSn 06 41.26
 DUI 6.58 314 P 05 54.80 1.3
 PVL 6.92 29 eP 05 57.00 -1.2
 ELL 7.34 91 eP 06 06.90 2.7X
 AOU 7.63 314 P 06 08.00 -0.2
 BCK 7.83 85 eP 06 10.00 -1.1
 MNS 8.07 312 P 06 15.00 0.7
 BZS 8.40 4 ePc 06 08.00 -10.8X
 ASS 8.51 316 P 06 21.70 1.3
 TNR 8.81 16 ePc 06 25.00 0.5
 MLR 9.12 24 ePd 06 13.00 -15.9X
 VBY 9.24 335 eP 06 28.50 -1.8
 eS 08 09.50
 ZAG 9.29 339 eP 06 32.50 1.4
 PTJ 9.37 339 ePn 06 29.70 -2.6
 eSn 07 45.10
 PPCY 9.67 101 eP 06 38.00 1.6
 eS 08 16.00
 VRI 9.71 25 ePc 06 22.00 -14.9X
 CEY 9.73 333 eP 06 37.00 -0.2
 eS 08 23.50
 LJU 9.95 334 e(P) 06 38.00 -2.2
 eS 08 29.00
 VOY 10.18 332 e(P) 06 43.10 -0.2
 eS 08 33.10
 CSS 10.42 99 eP 06 50.50 3.8X
 eS 08 34.00
 PSZ 10.70 357 e(P) 06 47.10 -3.3X
 SRO 10.72 351 e(P) 06 52.00 1.3
 CTI 11.13 325 P 06 55.40 -0.9
 ZST 11.28 347 e(P) 07 01.80 3.6X
 UZH 11.45 5 eP 07 00.00 -0.5
 1.5s 25.00nm 5.1mb
 Z 11s 1.50um 5.1mszX
 N 11s 1.50um
 SPC 11.95 358 eP 07 06.10 -1.5

SIM 12.67 48 eP 07 36.00 19.0X
 KHC 12.98 339 eP 07 21.00 -0.1
 Z 14s 1.00um
 N 14s 1.10um
 E 14s 1.70um
 e 07 43.50
 e 10 44.00
 OJC 13.00 357 eP 07 32.60 11.3X
 LPG 13.36 313 eP 07 25.30 -1.0
 PRU 13.51 343 eP 07 26.10 -1.9
 e 07 38.90
 EMS 13.58 315 ePd 07 40.40 11.3X
 ZLA 13.71 322 ePd 07 40.80 10.1X
 SLE 13.86 323 ePd 07 41.60 9.0X
 KSP 13.97 348 eP 07 33.00 -1.1
 i 07 42.80
 GRF 14.23 334 eP 07 46.70 9.2X
 Z 16s 0.60um
 HQL 14.34 119 eP 07 35.30 -3.7X
 eS 09 56.00
 BSF 14.74 320 eP 07 45.10 0.8
 0.8s 17.05nm 4.5mb
 CDF 14.89 323 eP 07 47.60 1.4
 0.8s 17.35nm 4.4mb
 MOX 14.92 337 e(P) 07 54.00 7.6X
 HAU 15.08 320 eP 07 49.30 0.7
 0.8s 27.65nm 4.6mb
 CLL 15.11 341 iPc 07 55.30 6.4X
 1.7s 61.00nm 4.6mb
 AYN 15.25 119 eP 07 48.00 -2.8X
 eS 10 20.00
 WLF 16.30 324 P 08 11.00 6.9X
 MNK 17.32 14 eP 08 23.00 6.1X
 DOU 17.33 323 Pc 08 21.10 4.0X
 0.7s 8.90nm 4.0mb
 S 11 33.00
 WAJH 17.36 125 eP 08 17.30 -0.3
 MFF 18.11 308 eP 08 25.30 -1.5
 ERE 18.75 74 eP 08 32.00 -2.8X
 Z 13s 0.70um
 e 12 00.00
 MTA 19.07 69 eP 08 38.00 -0.5
 LPF 19.26 311 eP 08 41.30 0.6
 0.9s 10.95nm 4.1mb
 GRR 19.31 312 eP 08 41.50 0.2
 0.7s 12.80nm 4.3mb
 TOL 19.56 285 eP 08 48.00 3.8X
 GRS 20.16 76 eP 08 47.00 -3.6X
 0.9s 20.00nm 4.5mb
 N 11s 0.16um
 E 11s 0.39um
 eS 12 34.00
 eSS 13 10.00
 OBN 20.88 26 eP 08 50.00 -7.6X
 1.0s 49.00nm 4.8mb
 Z 12s 0.60um 4.2mszX
 N 12s 0.50um
 e 09 17.50
 i 09 24.60
 e 12 54.00
 e 13 04.00
 MOS 21.74 26 iPd 09 06.00 -0.3
 2.0s 290.00nm 5.3mb
 Z 14s 1.20um 4.5mszX
 e 09 32.00
 SHE 21.91 72 eP 09 09.00 0.9
 1.0s 200.00nm 5.5mb
 QASM 22.29 113 eP 09 14.00 1.9
 HFS 23.36 351 eP 09 21.80 -0.4
 0.5s 20.80nm 4.9mb
 Z 14s 91.00um 6.4mszX
 LR 17 28.00
 PUL 23.37 12 (P) 09 23.00 0.7
 Z 12s 0.90um 4.4mszX
 N 12s 0.80um
 E 12s 0.50um
 NUR 23.43 5 eP 09 22.20 -0.6
 0.3s 3.00nm 4.3mb
 MJMA 23.72 112 eP 09 27.30 1.3
 EKA 24.31 326 P 09 33.00 1.5
 0.9s 15.20nm 4.5mb
 EBL 24.53 327 ePd 09 35.30 1.7
 0.9s 19.00nm 4.6mb
 NB2 24.58 349 P 09 34.00 -0.1
 0.8s 9.60nm 4.4mb
 EDI 24.69 327 eP 09 37.00 1.9
 0.8s 28.00nm 4.9mb

EBH 25.04 327 eP 09 40.20 1.8
 KAF 25.14 6 iP 09 39.50 0.1
 0.6s 12.60nm 4.7mb
 ELO 25.26 327 eP 09 42.40 1.8
 0.8s 15.00nm 4.6mb
 EAB 25.36 326 eP 09 43.80 2.3
 SDF 30.40 4 iP 10 27.20 0.2
 BRVK 37.53 49 eP 11 28.00 -0.5
 0.6s 11.00nm 4.9mb
 Z 14s 0.17um 4.0mszX
 KIC 38.53 223 P 11 37.00 -0.3
 FRU 41.03 65 eP 11 59.00 1.3
 2.0s 50.00nm 4.9mb
 KSH 42.79 69 P 12 12.50 0.1
 NDI 47.53 83 iPc 12 49.80 -0.4
 GKN 53.69 80 P 13 35.56 -1.6
 0.6s 30.00nm 5.5mb
 DMN 54.24 80 P 13 40.06 -1.3
 KKN 54.30 80 P 13 39.60 -2.1
 PKI 54.50 80 P 13 41.52 -1.8
 GUN 54.71 80 P 13 43.24 -1.7
 0.4s 17.00nm 5.4mb
 BOD 61.08 38 eP 14 26.60 -2.1
 0.6s 8.00nm 5.0mb
 CD2 66.95 68 eP 15 06.80 -0.8
 XAN 69.09 63 Pd 15 20.30 -0.6
 TIY 69.61 58 eP 15 23.80 -0.2
 CN2 74.39 47 Pd 15 52.20 -0.1
 0.7s 4.90nm 4.6mb
 FBA 77.80 355 eP 16 12.30 1.3
 WRA 120.31 93 PKP 23 06.80 1.2
 0.6s 0.30nm
 S.D. = 1.1 on 112 of 140 obs.

? OCT 13, 1992 07h 30m 34.10±5.98s
 10.594 N ±31.9km 62.111 W ±52.9km
 DEPTH = 33.0km (normal)
 NEAR COAST OF VENEZUELA (97)
 MD 2.9 (TRN).

TRN 0.70 86 eP 30 47.54 0.1
 eS 30 59.55
 TPP 0.71 113 eP 30 47.61 0.0
 eS 30 59.66
 TBH 1.03 96 eP 30 52.21 -0.1
 eS 31 08.99
 GRW 1.62 16 eP 31 00.76 0.0
 eS 31 19.90
 S.D. = 0.1 on 4 of 4 obs.

OCT 13, 1992 07h 59m 01.70±0.41s
 28.343 S ± 4.9km 67.556 W ± 7.1km
 DEPTH = 150.9 ± 7.8 km
 4.8mb (1 obs.)
 LA RIOJA PROVINCE, ARGENTINA (138)

CYA 1.56 94 iPd 59 31.20 -1.1
 RTPR 2.16 155 iPd 59 39.30 0.2
 eS 00 06.70
 RTLL 3.08 195 iPc 59 51.30 0.6
 CFA 3.31 190 iPc 59 54.60 1.0
 RTCB 3.31 199 iPd 59 54.40 0.6
 (S) 00 35.80
 ZON 3.34 197 iPd 59 56.00 2.0
 eS 00 36.00
 TLL 3.37 237 iPd 59 55.00 0.3
 iS 00 28.70
 RTCV 3.61 193 iPd 59 58.00 0.4
 (S) 00 37.50
 TCA 3.94 140 iP 00 02.10 0.1
 (S) 00 43.90
 SLA 4.05 28 iPd 00 04.10 0.7
 S 00 19.00
 MRA 4.36 159 ePd 00 08.10 0.7
 MDZ 4.66 194 iP 00 12.90 1.4
 iS 00 50.30
 JACH 5.06 210 iP 00 17.70 0.9
 iS 01 15.24
 ANT 5.29 330 eP 00 19.50 -0.3
 iS 01 21.00
 ROCH 5.49 212 iP+ 00 21.18 -1.5
 iS 01 23.07
 PEL 5.49 209 iP 00 22.10 -0.5
 iS 01 24.62
 FCH 5.50 205 iPd 00 24.43 1.5
 iS 01 26.52
 PCH 5.84 205 iP+ 00 27.69 0.4

TACH 6.04 208 iP 01 34.28
 iS 00 28.45 -1.4
 iS 01 36.08
 LCCH 6.17 213 iP 00 29.11 -2.5
 iS 01 37.00
 CHCH 6.17 205 iP 00 31.27 -0.4
 iS 01 39.55
 YJA 6.42 17 iPd 00 36.00 0.5
 RFA 6.46 187 ePc 00 34.10 -1.5
 LNV 6.50 210 iP+ 00 33.41 -2.6
 CCH 10.99 7 eP 01 30.00 -6.0X
 CNCB 11.49 358 P 01 42.00 -0.8
 LPB 11.76 357 eP 01 52.00 5.7X
 ZOBO 12.01 357 P 01 51.00 1.3
 SIV 13.68 27 eP 02 10.00 -0.6
 PPD 15.98 70 eP 02 39.90 0.5
 e 02 41.00
 VAO 19.30 79 eP 03 16.20 -1.2
 e 03 20.20
 BAO 22.07 59 Pd 03 44.30 -0.9
 e 03 47.00
 e 03 53.00
 e 04 12.10
 e 04 33.00
 PDCR 30.83 65 (P) 05 04.00 -1.5
 LIC 69.30 71 P 09 55.06 0.2
 0.7s 12.50nm 4.8mb
 TIC 69.54 70 P 09 56.68 0.4
 KIC 69.62 71 Pc 09 57.42 0.7
 0.8s 27.00nm 5.1mb X
 WRA 127.54 206 PKP 17 53.20 2.3
 0.5s 0.50nm
 S.D. = 1.2 on 35 of 37 obs.

& OCT 13, 1992 08h 07m 17.96s
 34.578 N 116.319 W
 DEPTH = 6.0km (geophysicist)
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.1 (PAS), 2.8 (GS).

GSC 0.82 331 eP 07 33.14 -1.2
 S 07 42.47
 PEC 0.98 226 iPd 07 35.53 -1.4
 SSK 1.19 253 ePnd 07 39.62 -1.1
 eS 07 55.75
 PLM 1.30 200 ePd 07 41.74 -0.8
 S 07 59.88
 GLA 1.96 140 ePn 07 50.65 -1.5
 iPg 07 54.24
 S 08 21.48
 ISA 2.07 302 (Pn) 07 51.31 -2.4
 iPg 07 56.29
 eS 08 23.78
 TPNV 2.37 1 ePn 07 56.54 -1.6
 iPg 08 01.60
 S 08 33.33
 ABL 2.41 277 ePn 07 56.81 -1.9
 BCH 3.15 282 ePn 08 08.12 -1.1
 BONR 3.73 335 ePn 08 16.36 -1.3
 ePg 08 27.20
 MEMM 3.74 326 (P) 08 18.06 0.6
 ARUT 3.96 35 ePn 08 19.65 -1.1
 MSU 5.15 39 ePn 08 36.56 -1.2
 13 obs. associated

? OCT 13, 1992 08h 29m 40.15±3.21s
 31.229 S ±22.7km 68.579 W ±30.4km
 DEPTH = 92.8 ± 24.1 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.14 137 iPc 29 53.50 -0.3
 RTCB 0.32 216 iPd 29 54.60 0.3
 CFA 0.48 142 iPc 29 55.70 0.4
 RTCV 0.63 177 iPd 29 56.10 -0.5
 MDZ 1.67 188 iP 30 08.70 0.1
 iS 30 29.90
 RTPR 2.01 63 eP 30 13.00 0.0
 S.D. = 0.5 on 6 of 6 obs.

& OCT 13, 1992 09h 18m 01.80s
 59.823 N 153.351 W
 DEPTH = 120.4km
 SOUTHERN ALASKA (2)
 <AEIC>.

OPT 0.18 160 iP 18 17.88 0.8
 eS 18 30.43

INW 0.27 24 eP 18 18.04 0.6
 INE 0.28 31 eP 18 18.11 0.5
 eS 18 31.62
 PDB 0.43 266 eP 18 18.71 -0.9
 eS 18 31.80
 AUL 0.44 186 iP 18 18.97 -0.7
 eS 18 32.16
 AUW 0.46 188 eP 18 19.07 -0.7
 AUH 0.46 186 iP 18 19.08 -0.8
 AUP 0.46 184 eP 18 19.10 -0.8
 eS 18 32.95
 AUE 0.47 181 iP 18 18.97 -0.8
 eS 18 31.44
 AUI 0.49 185 eP 18 19.06 -0.9
 eS 18 32.20
 RED 0.66 26 iP 18 20.33 -1.0
 RS1 0.70 25 iP 18 20.97 -0.8
 eS 18 35.41
 RS2 0.71 25 eP 18 20.98 -0.8
 RSO 0.71 25 eP 18 20.95 -0.8
 eS 18 35.43
 RDW 0.72 22 eP 18 20.93 -0.9
 REF 0.74 26 iP 18 21.20 -0.8
 eS 18 35.92
 RDN 0.75 23 P 18 21.70 -0.4
 NCT 0.77 16 iP 18 21.38 -0.8
 eS 18 36.54
 MCNL 0.81 219 iP 18 21.40 -1.0
 eS 18 36.75
 DFR 0.84 23 eP 18 21.88 -0.9
 eS 18 37.40
 HOM 0.88 100 iP 18 22.08 -0.9
 eS 18 38.18
 RDT 0.89 32 iP 18 22.20 -1.0
 CDD 0.91 190 iP 18 22.25 -1.1
 eS 18 37.39
 SYI 1.31 157 eP 18 26.14 -1.3
 BKG 1.36 23 iP 18 27.38 -0.8
 eS 18 46.80
 NKA 1.40 48 eP 18 29.19 0.8
 CKL 1.47 20 iP 18 28.64 -0.7
 CKT 1.49 22 iP 18 28.78 -0.9
 SPU 1.51 25 iP 18 28.78 -1.0
 CKN 1.52 22 eP 18 29.28 -0.6
 BGL 1.52 18 iP 18 29.45 -0.5
 CRP 1.56 22 iP 18 29.92 -0.6
 CGLM 1.63 23 iP 18 30.48 -0.8
 NCG 1.69 20 eP 18 31.43 -0.6
 SLKM 1.71 65 eP 18 30.79 -1.4
 SVW 1.71 320 P 18 31.30 -0.9
 SEW 1.98 80 iP 18 33.74 -1.7
 SUA 2.09 37 iP 18 36.07 -0.9
 MPA 2.10 70 eP 18 35.51 -1.5
 KDC 2.13 167 P 18 37.00 -0.3
 SKT 2.34 22 iP 18 38.99 -1.1
 PMS 2.35 51 P 18 38.90 -1.4
 PTE 2.39 62 eP 18 39.04 -1.7
 PWA 2.50 41 P 18 41.20 -1.0
 PLRM 2.73 48 eP 18 42.74 -2.4
 LTI 2.78 83 eP 18 44.03 -1.7
 KNIM 2.86 77 iP 18 44.53 -2.4
 MTU 2.88 84 eP 18 45.36 -1.8
 KNK 2.89 54 eP 18 44.78 -2.6
 GHO 2.92 46 eP 18 45.32 -2.5
 SML 3.16 49 iP 18 48.36 -2.6
 GLI 3.29 68 eP 18 50.37 -2.2
 HIN 3.48 78 eP 18 52.56 -2.6
 FID 3.55 72 eP 18 53.38 -2.7
 SCM 3.57 53 eP 18 53.94 -2.6
 HUR 3.63 28 eP 18 55.90 -1.4
 VLZ 3.71 66 eP 18 55.88 -2.4
 CVA 3.87 76 eP 18 58.61 -1.7
 TRF 3.92 21 eP 18 59.49 -1.9
 KLU 4.02 62 eP 18 59.66 -2.9
 SGAM 4.13 77 eP 19 00.93 -3.0
 TOA 4.18 54 P 19 02.70 -2.0
 RND 4.19 29 eP 19 02.84 -2.0
 TZL 4.46 57 eP 19 06.31 -2.2
 64 obs. associated

? OCT 13, 1992 09h 34m 57.35±0.55s
 35.731 N ±20.3km 70.572 E ±11.6km
 DEPTH = 33.0km (normal)
 4.4mb (3 obs.)
 HINDU KUSH REGION, AFGHANISTAN (718)
 MAIO 8.99 277 eP 37 08.00 0.0

13d 09h

eS 38 59.00				HVAR 3.80 317 iPn 50 06.30 -1.3				eSg 07 35.90			
GKN 14.21 119 P	38 18.48	0.1		ATH 3.81 129 ePn	50 07.30	-0.5		GRG 1.57 77 ePb	07 33.80	0.2	
DMN 14.78 119 P	38 26.22	0.3		SOI 3.84 233 P	50 08.30	0.1		SKO 1.57 30 iPn	07 33.30	-0.3	
0.5s 14.00nm 4.6mb				DUI 4.34 288 P	50 16.50	1.1		iPg 07 33.90			
KKN 14.79 118 P	38 26.26	0.1		VLI 4.38 147 ePn	50 18.20	2.4		iSg 07 59.30			
PKI 15.02 119 P	38 29.16	0.0		PVL 4.88 54 eP	50 20.00	-2.9		Lg 08 02.60			
GUN 15.16 117 P	38 30.52	-0.5		BZS 5.32 13 eP	50 20.00	-9.1X		LIT 1.69 107 ePb	07 35.50	0.2	
HFS 43.46 322 eP	42 58.70	0.1		MNS 5.82 292 P	50 37.00	0.8		VAY 1.80 66 ePn	07 37.60	0.7	
0.3s 1.10nm 4.0mb				ASS 6.07 298 P	50 40.60	0.9		KNT 1.98 73 ePn	07 39.48	-0.1	
NB2 44.79 324 P	43 09.40	0.0		VBY 6.13 327 ePn	50 39.50	-1.1		AGG 2.19 136 ePn	07 42.44	-0.1	
0.7s 4.90nm 4.5mb				S.D. = 0.5 on 7 of 7 obs.							
S.D. = 0.3 on 8 of 8 obs.											
OCT 13, 1992 09h 49m 08.59±0.35s											
40.433 N ± 3.7km 19.967 E ± 3.7km											
DEPTH = 16.8 ± 4.0 km											
4.0mb (2 obs.)											
ALBANIA (391)											
MD 4.1 (ATH), 3.5 (THE), ML 3.7 (TIR), 3.6 (TTG).											
TPE 0.14 166 iPg 49 11.60 -1.1											
iSg 49 16.00											
BERA 0.27 357 iPg 49 14.40 -0.2											
iSg 49 17.10											
VLO 0.36 276 iPg 49 17.70 1.5											
iSg 49 25.10											
SRN 0.55 177 iPg 49 20.20 0.8											
iSg 49 38.50											
KEK 0.73 190 ePn 49 22.70 0.2											
TIR 0.92 355 iPg 49 26.00 0.4											
iSg 49 42.00											
FNA 1.13 71 iPg 49 28.69 -0.6											
eSg 49 41.10											
LACI 1.22 351 iPnc 49 32.50 1.8											
iSn 49 50.50											
PHP 1.30 16 iPg 49 32.50 0.5											
iSg 49 48.50											
KZN 1.38 95 ePn 49 33.50 0.3											
ULC 1.62 341 iPnc 49 37.91 1.4											
iSg 50 01.96											
KKS 1.67 11 iPnd 49 40.00 2.7											
iSn 50 04.00											
SKO 1.90 35 iPnd 49 41.80 1.3											
iSg 50 08.30											
Lg 50 11.40											
GRG 1.92 73 ePb 49 41.62 0.7											
BCI 1.93 2 iPnd 49 46.00 4.9X											
iSn 50 10.00											
LIT 1.96 99 ePb 49 42.82 1.4											
eSb 50 07.50											
BDV 2.04 335 iPnc 49 42.91 0.3											
iSg 50 10.50											
TTG 2.06 345 iPnc 49 44.25 1.3											
iSg 50 13.27											
BRT 2.15 283 P 49 45.50 1.3											
PVY 2.16 0 iPnc 49 47.01 2.5											
iSg 50 18.21											
VAY 2.16 65 iPn 49 44.60 0.2											
i 49 47.50											
iSg 50 14.40											
Lg 50 21.80											
THE 2.29 84 ePn 49 47.10 0.9											
eSg 50 15.20											
HCY 2.30 332 iPnd 49 46.20 -0.1											
iSg 50 16.10											
AGG 2.30 127 ePn 49 49.58 3.1											
VLS 2.30 168 ePn 49 46.30 -0.1											
eSg 50 22.50											
KNT 2.34 71 ePn 49 47.34 0.4											
eSg 50 15.80											
IVA 2.44 359 iPnd 49 51.07 2.7											
iSg 50 24.55											
NKY 2.49 343 iPnd 49 50.10 1.0											
iSg 50 22.47											
SOH 2.61 80 ePn 49 51.22 0.4											
BRY 2.69 337 iPnd 49 52.27 0.3											
iSg 50 26.26											
SRS 2.84 75 iPn 49 54.42 0.4											
PAIG 2.89 99 ePn 49 54.94 0.3											
TDS 2.89 256 P 49 55.00 0.3											
PLE 2.93 352 iPnd 49 56.86 1.6											
iSg 50 34.93											
OUR 3.07 91 ePn 49 57.62 0.4											
MMB 3.07 67 iPc 49 58.00 0.7											
VTS 3.25 47 iPd 49 54.00 -6.0X											
SGO 3.55 274 P 50 04.80 0.7											
OCT 13, 1992 09h 55m 13.82±0.66s											
40.943 N ± 5.8km 22.868 E ± 5.5km											
DEPTH = 10.0km (geophysicist)											
GREECE (364)											
MD 1.9 (THE), ML 1.7 (SKO).											
KNT 0.22 6 ePg 55 18.68 0.1											
eSg 55 21.36											
THE 0.32 167 ePg 55 20.60 0.2											
iSg 55 26.28											
GRG 0.35 272 iPg 55 20.88 -0.2											
eSg 55 26.28											
SOH 0.39 108 ePg 55 21.88 0.1											
VAY 0.44 329 iPg 55 23.00 0.2											
iSg 55 29.00											
SRS 0.57 72 iPg 55 25.16 -0.3											
eSg 55 33.92											
S.D. = 0.3 on 6 of 6 obs.											
* OCT 13, 1992 09h 58m 39.29±0.96s											
40.459 N ± 7.7km 19.747 E ± 8.6km											
DEPTH = 10.0km (geophysicist)											
ALBANIA (391)											
ML 3.0 (TIR), MD 2.8 (THE).											
VLO 0.19 273 iPg 58 41.60 -1.9											
iSg 58 46.60											
TPE 0.26 129 iPg 58 43.60 -1.2											
iSg 58 48.50											
SRN 0.61 161 iPg 58 53.00 1.4											
iSg 59 01.50											
KEK 0.75 177 eP 58 55.70 1.8											
eS 59 12.00											
TIR 0.89 6 iPg 59 00.00 3.6X											
iSg 59 15.00											
LACI 1.18 359 ePn 59 05.50 4.3X											
iSg 59 25.00											
FNA 1.28 75 ePb 59 01.04 -2.1											
eSb 59 19.60											
PHP 1.33 23 ePn 59 06.00 2.1											
iSg 59 24.50											
KZN 1.55 95 eP 59 05.50 -1.6											
KKS 1.69 17 ePn 59 14.50 5.5X											
iSg 59 37.50											
BCI 1.92 7 iPnd 59 19.00 6.6X											
SKO 1.98 40 iPn 59 15.00 1.8											
iSg 59 41.00											
Lg 59 43.00											
GRG 2.08 75 ePn 59 14.24 -0.4											
eSg 59 41.48											
LIT 2.13 99 ePn 59 17.00 1.6											
VAY 2.31 67 iPn 59 17.40 -0.5											
VLS 2.37 164 eP 59 18.50 -0.3											
AGG 2.45 125 ePn 59 24.52 4.5X											
KNT 2.49 73 iPn 59 19.88 -0.7											
eSg 59 50.12											
S.D. = 1.7 on 13 of 18 obs.											
? OCT 13, 1992 10h 07m 05.64±2.68s											
40.619 N ± 9.7km 20.387 E ±22.9km											
DEPTH = 10.0km (geophysicist)											
GREECE-ALBANIA BORDER REGION (392)											
FNA 0.77 77 ePg 07 20.08 -0.6											
OCT 13, 1992 12h 15m 41.07±0.92s											
43.075 N ±14.5km 0.638 W ± 5.9km											
DEPTH = 10.0km (geophysicist)											
PYRENEES (378)											
ML 1.0 (STR).											
ESCF 0.05 86 Pg 15 43.08 -0.2											
Sg 15 44.92											
ATE 0.05 283 Pg 15 42.91 -0.3											
Sg 15 44.71											
ISSF 0.12 248 Pg 15 44.49 0.2											
Sg 15 47.00											
MADF 0.15 298 Pg 15 44.58 0.0											
Sg 15 47.96											
OGE 0.15 52 Pg 15 44.64 0.0											
Sg 15 47.54											
S.D. = 0.3 on 5 of 5 obs.											
% OCT 13, 1992 12h 09m 52.81±0.64s											
43.091 N ±10.0km 0.617 W ± 4.1km											
DEPTH = 5.0km (geophysicist)											
PYRENEES (378)											
ML 1.0 (STR).											
ESCF 0.03 112 Pg 09 53.86 -0.3											
Sg 09 54.94											
ATE 0.06 265 Pg 09 54.27 -0.2											
Sg 09 55.66											
OGE 0.13 54 Pg 09 55.68 0.1											
Sg 09 59.02											
ISSF 0.15 244 Pg 09 56.11 0.2											
Sg 09 59.17											
MADF 0.16 290 Pg 09 56.07 0.0											
JAU 0.19 106 Pg 09 56.87 0.1											
S.D. = 0.3 on 6 of 6 obs.											
* OCT 13, 1992 12h 14m 53.51±1.51s											
51.252 N ±15.6km 15.808 E ± 7.7km											
DEPTH = 10.0km (geophysicist)											
POLAND (548)											
MG 2.8 (WAR).											
KSP 0.51 143 iP 15 02.00 -1.9											
iS 15 10.00											
BRG 1.23 253 iPg 15 17.00 0.6											
iSg 15 37.60											
PRU 1.50 213 Pn 15 21.00 0.5											
0.3s 25.90nm											
Pg 15 22.80											
e 15 27.00											
Sn 15 39.00											
eSg 15 47.00											
i 15 53.30											
CLL 1.76 273 iPn 15 22.70 -1.5											
iPg 15 25.10											
eSg 15 51.00											
VRAC 2.01 165 ePn 15 28.20 0.4											
0.4s 14.10nm											
ePg 15 32.50											
KHC 2.56 215 Pn 15 36.00 0.2											
Pg 15 42.00											
e 15 45.50											
Sn 16 06.00											
Sg 16 18.50											
MOX 2.72 259 ePn 15 38.00 0.0											
iPg 15 45.60											
iSg 16 25.20											
OJC 2.74 111 eP 15 39.60 1.3											
iS 16 15.30											
WET 2.83 223 iPnc 15 40.00 0.4											
S.D. = 1.2 on 9 of 9 obs.											
OCT 13, 1992 12h 53m 50.76±0.48s											
1.428 N ± 6.3km 129.353 E ± 9.5km											

DEPTH = 22.4km (3 depth phases)
4.9mb (11 obs.)
MALMAHERA, INDONESIA (267)

MNI	4.51 270 eP	55 01.00	1.5
AAI	5.21 193 ePd	55 08.50	-0.9
	eS	55 43.10	
BIP	7.43 336 eP	55 38.00	-2.5
MKS	11.88 236 ePc	56 41.80	-0.1
MTN	14.29 173 eP	57 09.00	-4.9X
QIS	24.05 156 eP	59 06.10	0.7
	0.3s 4.00nm	4.4mb	
WARB	27.57 185 eP	59 41.00	2.6X
GYA	33.09 321 P	00 28.80	1.3
KMI	34.85 315 eP	00 41.50	-1.3
	1.2s 40.00nm	5.2mb	
	pP	00 49.50	27km
STK	35.10 162 iPd	00 43.50	-1.1
	0.4s 3.10nm	4.6mb	
	i	00 49.40	20km
MAT	35.89 12 eP	00 50.00	-1.2
	0.8s 14.93nm	5.0mb	
	eS	06 42.00	
BRS	36.46 144 iP	00 56.00	-0.1
XAN	37.65 332 Pd	01 06.60	0.5
	0.7s 17.00nm	5.0mb	
CD2	38.04 323 eP	01 10.20	0.8
ARMA	38.13 148 eP	01 11.00	0.8
	0.8s 28.00nm	5.1mb	
TIY	39.32 339 Pd	01 21.40	1.3
Z	20s 0.37um	4.2msz	
BWA	39.90 155 eP	01 28.70	3.8X
BJI	40.26 344 eP	01 28.00	0.3
	1.0s 11.00nm	4.5mb	
Z	20s 0.30um	4.1msz	
CAN	40.92 155 eP	01 39.10	5.9X
LZH	41.81 328 Pd	01 45.00	4.3X
	1.6s 83.00nm	5.2mb	
Z	20s 0.25um	4.1msz	
HHC	42.42 340 Pc	01 47.00	1.4
	1.0s 17.00nm	4.7mb	
MDJ	43.01 0 eP	01 51.10	1.0
GTA	46.41 328 P	02 18.00	0.3
	1.0s 15.00nm	4.9mb	
	pP	02 24.00	20km
GUN	49.19 306 P	02 38.92	-1.0
	0.5s 22.00nm	5.5mb	
KKN	49.62 306 P	02 42.64	-0.5
GKN	50.23 306 P	02 47.06	-0.6
HYB	52.37 291 eP	03 03.00	-0.8
GBA	52.75 286 P	03 03.00	-3.6X
WMQ	56.10 325 eP	03 31.00	0.2
S.D. = 1.1 on 23 of 29 obs.			

* OCT 13, 1992 13h 02m 04.17±0.65s
12.393 N ±14.9km 141.539 E ±9.3km
DEPTH = 33.0km (normal)
4.9mb (6 obs.)
SOUTH OF MARIANA ISLANDS (210)

PJG	3.45 70 eP	02 56.90	-0.1
	(TT)	05 27.00	
GUA	3.48 71 eP	02 56.50	-0.8
	0.6s 69.33nm		
WB2	32.90 193 eP	08 36.10	-1.6
	0.4s 4.10nm	4.7mb	
	i	08 40.50	
BRS	41.02 165 e(P)	09 47.00	0.9
LZH	41.30 311 eP	09 49.00	0.5
	2.0s 27.00nm	4.6mb	
STK	44.02 180 eP	10 15.70	5.3X
	0.7s 1.80nm	4.0mb	
TOO	49.84 176 eP	11 06.10	10.0X
	0.8s 28.00nm	5.3mb	
GUN	54.05 295 P	11 27.76	-0.7
	1.0s 32.00nm	5.3mb	
PKI	54.44 295 P	11 32.90	1.6
KKN	54.57 295 P	11 31.30	-0.8
GKN	55.16 296 P	11 34.92	-1.4
	1.1s 15.00nm	5.0mb	
HYB	60.85 283 eP	12 16.40	0.2
ZOBO	151.01 101 PKP	21 53.10	2.1
CNCB	151.11 102 PKP	21 57.70	6.7X
S.D. = 1.3 on 11 of 14 obs.			

OCT 13, 1992 13h 30m 01.76±0.96s
39.935 N ±8.0km 24.141 E ±6.3km

DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 2.8 (THE).

PAIG	0.35 269 ePg	30 08.36	-0.7
	eSg	30 14.40	
OUR	0.42 343 ePg	30 09.96	-0.3
SOH	1.07 326 ePg	30 22.16	0.2
	iSg	30 39.05	
THE	1.14 308 ePb	30 22.08	-1.0
	iSb	30 39.94	
SRS	1.25 341 ePb	30 24.72	-0.3
	eSb	30 44.88	
LIT	1.28 278 ePbc	30 24.68	-0.8
	eSb	30 42.00	
KNT	1.55 323 ePb	30 30.28	0.9
	eSb	30 51.64	
AGG	1.67 238 iPb	30 31.20	0.0
	iSb	30 52.84	
GRG	1.67 308 iPb	30 32.64	1.4
	eSb	30 56.00	
MMB	1.68 349 eP	30 30.00	-1.4
EZN	1.68 93 ePn	30 32.00	0.6
RZN	1.80 14 eP	30 33.00	-0.3
VAY	1.83 320 iPn	30 35.40	1.9
KDZ	1.97 29 eP	30 34.00	-1.5
KKB	2.09 338 eP	30 37.00	-0.3
PLD	2.21 11 eP	30 40.00	1.0
PGB	2.61 0 eP	30 47.00	2.2
PVL	3.40 15 eP	30 54.00	-1.8
S.D. = 1.2 on 18 of 18 obs.			

* OCT 13, 1992 13h 36m 04.48±0.65s
36.154 N ±15.6km 73.908 E ±12.7km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)

NORTHWESTERN KASHMIR (720)

NDI	7.96 159 ePn	38 08.00	7.3X
	0.5s 10.56nm	5.2mb	
GKN	12.19 129 P	38 59.42	0.5
KKN	12.75 128 P	39 06.06	-0.3
DMN	12.76 129 P	39 06.78	0.2
PKI	12.98 128 P	39 09.08	-0.5
GUN	13.06 126 P	39 10.00	-0.6
HYB	19.11 166 eP	40 28.50	1.1
GBA	22.68 171 P	41 09.00	4.8X
HFS	44.79 322 eP	44 15.90	-0.6
	0.4s 1.90nm	4.3mb	
Z	19s 57.00um	6.5msz	
	LR	57 46.00	
NB2	46.07 323 P	44 28.20	1.5
	0.5s 1.50nm	4.2mb	
BCAO	59.76 252 iPd	46 08.00	-0.8
	1.0s 15.00nm	5.1mb	
KIC	77.12 268 P	47 56.10	-0.6
WRA	79.83 124 P	48 16.20	4.9X
	0.7s 0.20nm	3.2mb X	
WB2	79.84 124 eP	48 15.60	4.2X
	0.4s 1.30nm	4.3mb	
S.D. = 0.9 on 10 of 14 obs.			

* OCT 13, 1992 14h 52m 48.78±0.64s
37.660 S ±5.6km 176.841 E ±5.9km
DEPTH = 10.0km (geophysicist)

NORTH ISLAND, NEW ZEALAND (159)
ML 3.7 (WEL).

WIZ	0.31 65 P	52 57.00	1.9
TAZ	0.63 205 P	53 02.70	1.3
URZ	0.64 161 Pc	53 00.30	-1.2
	S	53 08.40	
WLZ	1.01 258 eP	53 08.60	0.7
HBZ	1.16 87 eP	53 09.30	-1.2
PAHZ	1.21 172 eP	53 10.90	-0.4
WHH	1.25 192 P	53 11.70	-0.4
KUZ	1.28 315 P	53 12.00	-0.5
	eS	53 32.40	
TTH	1.88 180 eP	53 21.60	0.4
WAHZ	2.07 190 eP	53 24.40	0.3
WCZ	2.64 310 eP	53 31.10	-1.0
S.D. = 1.1 on 11 of 11 obs.			

OCT 13, 1992 15h 30m 37.85±0.50s
37.776 N ±4.9km 21.912 E ±5.2km
DEPTH = 10.0km (geophysicist)
4.0mb (3 obs.)

SOUTHERN GREECE (368)
MD 3.7 (ATH), 3.4 (THE).

VLS	1.12 291 ePb	30 57.50	-1.3
AGG	1.29 15 ePbc	31 01.50	-0.2
	eSb	31 19.76	
VLI	1.34 142 ePb	31 02.70	0.2
ATH	1.44 82 ePb	31 03.20	-0.8
LIT	2.36 11 ePn	31 18.36	1.0
KZN	2.53 358 ePb	31 20.70	1.0
KEK	2.54 320 ePb	31 20.50	0.7
FNA	3.03 352 ePn	31 27.88	1.1
GRG	3.20 7 ePn	31 29.50	0.3
SOH	3.24 20 ePnc	31 29.24	-0.5
KNT	3.47 12 ePn	31 32.60	-0.3
	eSn	32 16.00	
VAY	3.58 8 iPn	31 34.40	-0.1
SRS	3.58 21 ePn	31 34.24	-0.3
NPS	3.90 129 ePn	31 40.20	1.1
EZN	4.01 58 eP	31 33.00	-7.6X
SKO	4.21 355 iPn	31 44.50	1.1
	i	32 32.40	
	Lg	33 10.50	
SOI	4.64 275 P	31 50.00	0.4
	eSn	32 25.00	
TDS	4.75 295 P	31 55.00	3.8X
ATN	5.11 276 P	31 56.90	0.6
SGO	5.84 300 P	32 07.00	0.6
HFS	22.98 349 eP	35 41.20	-2.1
	0.4s 1.70nm	3.9mb	
NB2	24.24 347 P	35 53.70	-1.9
	0.8s 2.30nm	3.8mb	
BCAO	33.33 186 iPc	37 17.50	-0.6
	1.1s 6.00nm	4.4mb	
S.D. = 1.0 on 21 of 23 obs.			

& OCT 13, 1992 15h 57m 03.04s
34.625 N 116.668 W

DEPTH = 7.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS), 3.0 (GS).
Felt (11) at Daggett.

GSC	0.68 351 iPc	57 15.81	-1.0
PEC	0.84 209 iPc	57 18.27	-1.2
	S	57 28.68	
SSK	0.94 244 iPc	57 20.31	-1.1
	S	57 32.99	
PLM	1.28 187 eP	57 26.17	-0.9
ISA	1.81 306 ePn	57 33.11	-1.7
	ePg	57 35.78	
	S	57 59.86	
ABL	2.11 277 ePn	57 37.54	-1.9
GLA	2.19 135 ePn	57 37.62	-2.8
	ePg	57 43.18	
TPNV	2.34 8 ePn	57 41.00	-1.7
BCH	2.86 282 ePn	57 49.70	-0.3
TNP	3.48 353 (Pn)	58 00.15	1.3
MEMM	3.55 329 (P)	57 59.59	0.0
BONR	3.58 339 ePn	57 57.99	-2.3
ARUT	4.10 39 iPc	58 06.22	-1.3
CMB	4.54 320 (P)	58 14.68	1.0
MSU	5.30 42 ePn	58 23.35	-1.4
15 obs. associated			

& OCT 13, 1992 15h 58m 39.49s
37.438 N 118.556 W

DEPTH = 11.2km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 3.1 (GM). ML 2.8 (GS).

MEMM	0.38 307 iPd	58 47.39	0.1
BONR	0.55 21 eP	58 50.20	-0.7
TNP	1.24 58 ePn	59 02.61	0.0
CMB	1.57 293 iPc	59 07.63	0.3
KVN	1.65 12 ePn	59 09.19	0.5
ISA	1.77 178 eP	59 11.33	1.0
TPNV	1.91 104 (P)	59 13.57	1.2
ARN	2.37 269 ePn	59 20.18	1.2
BCH	2.56 209 ePn	59 22.48	0.7
ABL	2.64 192 ePn	59 25.04	2.1
10 obs. associated			

? OCT 13, 1992 16h 11m 36.34±1.14s
7.245 S ±18.7km 146.066 E ±24.2km
DEPTH = 167.9 ±21.2 km

13d 16h

4.2mb (3 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

YYYY 1.00 354 iPc 12 03.80 0.5
LAT 1.09 58 iPc 12 03.20 -0.6
PMG 2.40 153 eP 12 18.00 0.4
eS 12 52.00
WB2 16.98 221 eP 15 24.70 -0.9
0.5s 1.80nm 3.7mb
ASPA 20.08 214 eP 15 59.40 0.7
0.3s 11.20nm 4.8mb
STK 24.86 189 eP 16 44.90 -0.1
0.4s 2.90nm 4.2mb
S.D. = 1.0 on 6 of 6 obs.

? OCT 13, 1992 16h 22m 11.76±0.87s
4.793 N ±11.1km 32.108 E ±14.2km
DEPTH = 33.0km (normol)
4.7mb (12 obs.)

SUDAN (557)
mbLg 5.0 (BUL)

NAI 7.64 142 ePnc 24 13.50 9.7X
iPgd 24 20.00
iSn 25 46.00
iSg 26 21.50
eLg 26 42.50
LWI 7.73 205 iPc 24 04.90 -0.1
iS 24 52.70
AAE 7.83 57 eP 24 07.00 0.4
BCAO 13.53 269 iPc 25 17.50 -6.5X
0.9s 32.00nm 5.2mb
i 25 29.50
i 27 42.00
iS 28 09.00
i 28 17.50
i 29 03.50

BUL 25.02 188 iPc 27 42.50 8.0X
iLR 35 19.60
CIR 25.65 181 iP 27 45.20 4.9X
iS 33 02.80
iLR 35 34.80

LPG 46.18 335 eP 30 35.30 -0.3
0.8s 4.15nm 4.4mb
LPL 46.20 335 eP 30 35.40 -0.3
1.0s 11.00nm 4.8mb
GEC2 46.61 343 Pd 30 36.60 -2.1
0.6s 1.99nm 4.2mb
e 30 39.10

KHC 46.90 343 eP 30 38.50 -2.4
e 30 57.00
BSF 48.06 337 eP 30 50.00 -0.1
0.9s 6.40nm 4.7mb
SMF 48.33 334 eP 30 52.30 0.2
0.8s 7.80nm 4.8mb

LBF 48.53 334 eP 30 54.50 0.8
0.8s 4.05nm 4.5mb
MAF 48.57 333 eP 30 55.00 1.0
0.7s 8.25nm 4.9mb
AVF 48.65 334 eP 30 54.90 0.4
0.9s 7.20nm 4.7mb

BGF 48.70 333 eP 30 55.40 0.5
TCF 48.78 333 eP 30 56.70 1.1
1.0s 17.60nm 5.0mb
LOR 48.80 335 eP 30 55.80 0.1
0.9s 7.85nm 4.7mb

LSF 49.07 332 eP 30 58.70 0.9
NB2 58.29 348 P 32 02.10 -3.4X
0.9s 3.00nm 4.4mb
S.D. = 1.1 on 15 of 20 obs.

OCT 13, 1992 17h 20m 44.87±0.47s
21.614 N ±5.9km 120.971 E ±9.3km
DEPTH = 35.1km (2 depth phases)
4.5mb (10 obs.)

TAIWAN REGION (243)

TWF1 1.76 10 ePd 21 12.40 -1.1
TWC 3.09 15 eP 21 31.80 -0.6
QZH 3.97 327 eP 21 44.60 -0.3
S 22 26.40
CVP 3.97 168 ePd 21 46.00 1.1
eS 22 30.00

GYA 13.93 293 eP 24 01.00 -1.2
TIA 14.93 348 eP 24 21.00 5.9X
XAN 16.32 322 P 24 36.60 3.6X
TIY 17.66 337 eP 24 51.50 1.6

Z 16s 0.83um
N 13s 0.32um
BJI 18.82 349 eP 25 03.50 -0.5
1.0s 33.00nm 4.5mb
SNY 20.27 6 eP 25 22.20 2.1
LZH 20.76 318 eP 25 26.00 0.5
1.5s 59.00nm 4.7mb

Z 17s 0.49um 3.9mszX
pP 25 35.00 33km
HHC 20.77 340 Pd 25 26.50 1.1
1.0s 28.00nm 4.6mb
Z 12s 0.60um 4.2mszX
N 20s 0.83um

BTO 21.09 336 eP 25 28.00 -0.7
N 11s 0.25um
E 11s 0.25um
MAT 21.12 41 eP 25 29.00 0.1
CN2 22.44 9 eP 25 41.40 -0.6

Z 16s 0.54um 4.1mszX
GTA 25.33 319 P 26 10.00 -0.2
1.0s 9.00nm 4.3mb
pP 26 20.00 37km
WRA 43.32 162 P 28 45.00 -0.4
0.6s 0.80nm 3.6mb

WB2 43.33 161 eP 28 44.20 -1.2
0.4s 1.40nm 4.1mb
KAF 73.28 331 eP 32 14.30 0.0
0.6s 3.30nm 4.5mb
NUR 74.48 329 eP 32 21.50 0.3
NB2 80.40 332 P 32 53.50 -0.6

0.9s 4.90nm 4.5mb
GEC2 84.70 321 P 33 17.60 -1.0
1.0s 3.61nm 4.5mb
YKA 85.41 23 eP 33 19.40 -0.3
0.8s 2.20nm 4.4mb
S.D. = 1.0 on 21 of 23 obs.

? OCT 13, 1992 18h 09m 03.05±2.44s
29.687 N ±23.9km 31.042 E ±16.4km
DEPTH = 10.0km (geophysicist)
EGYPT (553)

MD 3.7 (HLW).

HLW 0.31 57 eP 09 13.00 3.5X
eS 09 17.00
KOT 0.73 70 eP 09 19.50 2.2
SAGI 3.18 79 eP 09 52.40 -1.8
e 10 42.90
HQL 3.52 96 ePd 09 59.00 0.1
eS 10 45.00

YTIR 3.89 64 eP 10 02.80 -1.4
AYN 4.41 99 eP 10 11.60 0.1
eS 11 11.65
MASJ 4.51 62 P 10 15.00 2.0
BURJ 4.82 57 P 10 17.30 -0.2

JARJ 4.92 58 P 10 23.00 4.1X
HRI 5.37 47 eP 10 23.80 -1.5
CSS 5.61 20 eP 10 34.00 5.5X
eS 11 35.30
GEC2 23.27 330 P 14 12.10 0.5
0.5s 0.34nm 3.1mb
e 14 14.00
e 14 18.20

S.D. = 1.7 on 9 of 12 obs.
OCT 13, 1992 18h 26m 29.43±0.49s
42.624 N ±4.4km 19.151 E ±4.3km
DEPTH = 19.8 ±9.9 km

NORTHWESTERN BALKAN REGION (383)

MD 2.5 (TTG).

TTG 0.21 157 iPgd 26 34.88 0.2
iSg 26 38.73
NKY 0.22 329 iPgc 26 35.02 0.0
iSg 26 39.53
BDV 0.42 215 iPgc 26 38.39 0.4
iSg 26 44.89

BRY 0.53 302 iPgc 26 39.48 -0.5
iSg 26 48.47
IVA 0.60 66 iPgc 26 41.46 0.2
iSg 26 50.25
PVY 0.61 92 iPgc 26 41.32 0.0
iSg 26 50.57

SDA 0.63 156 ePg 26 48.90 7.3X
ULC 0.66 174 iPgd 26 41.97 -0.3
iSg 26 52.20
BCI 0.73 110 ePg 26 43.00 -0.3

PLE 0.73 14 iPgc 26 43.54 0.2
iSg 26 54.60
LACI 1.07 157 ePg 27 05.50 16.4X
KKS 1.08 120 ePg 26 54.50 5.1X
HVAR 2.06 286 iPn 27 03.70 0.2
iSn 27 32.50

S.D. = 0.3 on 10 of 13 obs.

& OCT 13, 1992 18h 58m 06.70s
68.429 N 67.289 W
DEPTH = 18.0km (geophysicist)
4.4mb (4 obs.)

BAFFIN ISLAND REGION, CANADA (682)
<OTT-P>. mbLg 4.8 (OTT).

GDH 5.05 74 iPc 59 22.00 -1.3
1.2s 1375.00nm 6.4mb X
i 00 16.00
RES 10.65 318 P 00 36.70 -4.5
S 02 29.70

JAQ 15.21 199 eP 01 38.00 -3.8
FCC 15.21 244 eP 01 40.50 -1.3
DAG 16.15 38 iPd 01 49.90 -3.9
0.7s 15.75nm 4.3mb
iP 04 38.00

MBC 16.96 320 P 01 59.70 -4.3
MNQ 17.97 183 P 02 11.93 -4.9
S 05 24.53
YKA 20.07 276 eP 02 38.70 -2.6
0.5s 15.30nm 4.6mb

GRQ 22.32 196 P 03 04.09 -0.2
S 07 03.50
TRQ 22.58 193 P 03 07.45 0.5
S 07 12.77

EEO 22.66 201 P 03 08.76 1.0
LMN 22.67 175 P 03 08.50 0.7
ULM 22.95 232 P 03 10.89 0.4
INK 23.38 301 P 03 18.10 3.6X
RSNY 24.24 193 e(P) 03 25.00 1.9

SES 27.77 252 P 04 01.00 5.0X
1.0s 10.00nm 4.5mb
PNJ 27.83 191 iP 04 01.20 4.7X
FBA 29.96 303 eP 04 19.00 3.5X

IMA 30.93 308 e(P) 04 26.00 1.8
BW06 33.88 243 eP 04 50.00 -0.3
GEC2 42.63 74 P 06 04.30 1.2
0.9s 0.93nm 3.5mb
ZOBO 84.48 181 P 10 50.00 10.1X
22 obs. associated

% OCT 13, 1992 19h 01m 40.85±1.45s
47.314 N ±6.7km 7.505 E ±21.0km
DEPTH = 10.0km (geophysicist)

SWITZERLAND (544)
ML 2.2 (LDG).

BSF 0.71 317 Pg 01 55.20 0.3
Sg 02 06.10
Sn 02 07.30

HAU 1.04 312 Pg 02 00.30 -0.3
Sg 02 14.90
CDF 1.11 352 Pn 02 01.70 0.0
Pg 02 02.40
Sg 02 18.90

LPL 1.88 197 Pg 02 13.60 0.1
LPG 1.89 196 Pg 02 13.60 -0.1
Sg 02 38.30
S.D. = 0.3 on 5 of 5 obs.

? OCT 13, 1992 19h 25m 52.86±3.82s
37.147 N ±24.7km 27.751 E ±19.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

YER 0.43 92 iPg 26 01.00 -0.6
eSg 26 08.00
CIN 0.52 31 iPgd 26 03.00 -0.5
iSg 26 11.00
IZM 1.31 343 iPn 26 16.80 -0.3
ELL 1.77 102 ePn 26 26.90 3.0X
KHL 1.83 50 ePn 26 26.00 1.3

S.D. = 1.5 on 4 of 5 obs.

OCT 13, 1992 19h 59m 49.51±1.32s
31.909 S ±13.6km 69.373 W ±9.5km
DEPTH = 139.6 ±14.7 km
SAN JUAN PROVINCE, ARGENTINA (137)

MD 3.7 (SAN).

RTBS	0.26	345	iPd	00 09.20	0.1
RTCB	0.65	49	iPd	00 11.00	0.1
			S	00 25.40	
RTCV	0.71	86	iPd	00 10.30	-1.0
			S	00 23.70	
RTLL	0.96	53	iPc	00 13.50	0.2
			S	00 30.00	
CFA	1.01	73	ePc	00 13.50	-0.2
			S	00 29.00	
JACH	1.29	233	iPd	00 17.01	0.5
			eS	00 36.10	
FCH	1.61	208	iPd	00 20.76	0.5
			iS	00 42.57	
PEL	1.66	222	iP+	00 20.63	0.2
			iS	00 42.32	
ROCH	1.74	232	iP+	00 21.73	0.1
			iS	00 44.55	
PCH	1.96	209	iPd	00 24.32	0.3
			iS	00 48.72	
TACH	2.18	217	iPd	00 26.54	-0.1
			iS	00 53.75	
CHCH	2.29	208	iP	00 28.43	0.4
			iS	00 56.55	
LCCH	2.42	229	eP	00 29.16	-0.5
LNV	2.66	219	iPd	00 31.57	-1.1
RTPR	2.93	58	eP	00 36.70	0.6
MRA	3.15	100	ePc	00 39.70	0.7
TCA	4.12	83	iP	00 51.20	-0.7
			i	00 52.10	
			i	01 37.00	

S.D. = 0.6 on 17 of 17 obs.

& OCT 13, 1992 20h 14m 20.49s
59.905 N 151.206 W
DEPTH = 63.4km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.8 (AEIC).

BRK	0.21	131	eP	14 30.14	-0.5
			eS	14 37.57	
HOM	0.33	222	iPd	14 31.07	-0.3
			eS	14 39.59	
CNPM	0.38	182	iPd	14 31.08	-0.7
			eS	14 39.46	
XLV	0.52	210	eP	14 32.17	-1.0
			eS	14 41.22	
SLKM	0.78	39	iPd	14 35.70	-0.5
			eS	14 47.60	
NKA	0.84	359	iPd	14 38.15	1.3
RDT	0.90	319	iPc	14 36.90	-0.8
			eS	14 49.49	
SEW	0.90	77	iPc	14 36.59	-1.1
			eS	14 49.61	
RED	0.94	304	iPc	14 37.40	-0.8
			eS	14 50.96	
INE	0.95	280	eP	14 37.25	-1.1
REF	0.95	309	iPc	14 37.64	-0.8
			eS	14 51.12	
RSO	0.95	307	iPc	14 37.78	-0.8
RS1	0.95	306	iPc	14 37.81	-0.7
RS2	0.96	307	iPc	14 37.82	-0.8
INW	0.98	280	ePc	14 37.75	-1.1
RDN	0.99	309	iPc	14 38.01	-0.9
			eS	14 51.62	
RDW	0.99	307	iPc	14 38.14	-0.8
			eS	14 51.84	
DFR	1.01	314	iPc	14 38.23	-0.9
OPT	1.05	257	iPc	14 38.91	-0.8
			eS	14 53.01	
NCT	1.08	308	iPc	14 39.35	-0.8
MPA	1.09	57	iPc	14 39.44	-0.7
AUE	1.23	244	eP	14 41.43	-0.5
AUL	1.25	246	eP	14 41.94	-0.3
AUP	1.25	245	eP	14 42.05	-0.3
AUH	1.26	245	eP	14 41.93	-0.5
AUI	1.27	244	eP	14 42.07	-0.4
			eS	14 58.31	
AUW	1.27	246	eP	14 42.35	-0.2
BKG	1.28	336	iPd	14 42.26	-0.5
			eS	14 59.01	
SPU	1.35	342	iPd	14 42.95	-0.7
CKT	1.39	340	ePd	14 43.82	-0.4
CKN	1.41	340	eP	14 44.36	-0.1
CKL	1.41	337	iPd	14 44.07	-0.5
SYI	1.43	206	iPd	14 43.71	-1.0

CRP	1.44	341	eS	15 01.33	
			ePc	14 44.27	-0.8
			eS	15 03.55	
PTE	1.45	47	ePd	14 44.20	-0.7
CGLM	1.46	345	iPd	14 44.91	-0.3
BGL	1.48	337	ePd	14 44.88	-0.7
PDB	1.51	267	iPc	14 44.71	-1.1
			eS	15 03.44	
PMS	1.57	30	P	14 46.50	-0.2
NCG	1.58	343	iPd	14 46.55	-0.3
			eS	15 07.12	
SUA	1.58	8	iPd	14 46.48	-0.4
CDD	1.58	233	iPc	14 46.00	-0.9
			eS	15 05.37	
LTJ	1.69	84	ePc	14 46.74	-1.6
MCNL	1.75	247	eP	14 47.56	-1.6
MTU	1.79	86	eP	14 48.10	-1.6
KNIM	1.79	74	iPc	14 47.83	-1.9
PWA	1.87	20	P	14 50.50	-0.2
PLRM	1.98	30	iPd	14 51.37	-0.9
PMR	1.98	30	eP	14 51.01	-1.2
KNK	2.03	41	iPd	14 52.02	-1.0
			eS	15 15.80	
SKT	2.09	356	iPd	14 53.72	-0.1
			eS	15 19.88	
GHO	2.18	30	iPd	14 54.35	-0.9
GLI	2.26	63	ePc	14 53.87	-2.4
KDC	2.26	198	eP	14 53.80	-2.5
SML	2.37	35	iPd	14 56.85	-1.0
HIN	2.40	76	ePc	14 55.88	-2.4
SVW	2.50	301	eP	14 57.28	-2.3
FID	2.50	68	ePc	14 56.81	-2.8
MID	2.52	99	P	14 59.00	-0.8
VLZ	2.71	61	eP	15 00.68	-1.8
SCM	2.71	43	ePd	15 01.73	-0.9
CVA	2.80	74	eP	15 00.90	-2.8
KLU	3.05	56	ePc	15 05.88	-1.5
SGAM	3.05	76	ePc	15 04.32	-3.1
HUR	3.17	13	eP	15 08.81	-0.3
TOA	3.30	46	P	15 09.60	-1.3
KAIM	3.42	87	eP	15 10.04	-2.5
HMT	3.50	80	eP	15 11.35	-2.4
TZL	3.54	50	eP	15 13.96	-0.3
TRF	3.59	7	eP	15 14.61	-0.4
RND	3.69	17	eP	15 15.81	-0.6
GLB	3.95	64	eP	15 17.57	-2.5
BALM	4.53	72	eP	15 25.00	-3.3
IMA	6.29	351	eP	15 50.91	-1.9

74 obs. associated

& OCT 13, 1992 20h 28m 52.04s
33.998 N 116.328 W
DEPTH = 8.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

PEC	0.70	262	eP	29 04.80	-1.2
PLM	0.78	215	ePd	29 06.60	-0.9
			eS	29 16.47	
SSK	1.15	281	eP	29 12.86	-1.0
			eS	29 29.01	
GSC	1.36	343	ePn	29 15.77	-1.5
GLA	1.57	127	ePn	29 18.54	-1.7
ISA	2.42	314	ePn	29 30.89	-1.7
			ePg	29 35.76	
TUC	4.95	108	(Pn)	30 01.37	-7.0

7 obs. associated

& OCT 13, 1992 21h 02m 12.78s
32.295 N 115.154 W
DEPTH = 6.0km (geophysicist)
CALIF.-BAJA CALIF. BORDER REGION(45)
<PAS-P>. ML 2.8 (PAS).

GLA	0.80	20	ePn	02 24.96	-3.8
PLM	1.78	307	ePn	02 41.20	-3.3
			ePg	02 45.84	
PEC	2.32	314	(Pn)	02 48.58	-3.6
SSK	2.86	313	(Pn)	03 00.70	0.7
GSC	3.30	336	(P)	03 17.25	11.2
TUC	3.70	89	ePn	03 10.64	-1.2

6 obs. associated

OCT 13, 1992 21h 10m 55.14± 0.52s
21.587 N ± 7.2km 120.879 E ± 9.0km
DEPTH = 33.0km (normol)
4.6mb (13 obs.) 4.2Msz (2 obs.)

TAIWAN REGION (243)

CVP	3.96	167	iPd	11 57.00	1.9
			eS	12 31.00	
HKC	6.27	278	iP	12 27.10	-0.6
			S	15 14.00	
GZH	7.13	283	eP	12 38.80	-1.1
QIZ	10.66	258	P	13 27.60	-1.1
GYA	13.86	293	iPc	14 12.00	0.3
	1.0s		12.00nm		4.6mb
Z	14s		2.06um		4.1MszX
N	10s		0.35um		
E	10s		0.82um		
TIA	14.94	348	eP	14 31.10	5.5X
	1.4s		13.00nm		4.1mb
Z	17s		1.11um		4.5Msz
E	15s		1.20um		
XAN	16.28	322	eP	14 43.50	0.5
N	10s		0.70um		
E	10s		0.95um		
TIY	17.65	337	eP	15 03.70	3.5X
Z	17s		1.79um		
E	14s		1.23um		
CD2	17.93	305	eP	15 03.00	-0.6
Z	17s		1.45um		
E	11s		0.70um		
			eS	18 19.00	
BJI	18.83	349	eP	15 14.00	-0.6
	1.2s		20.00nm		4.2mb
Z	16s		0.58um		3.8Msz
			eS	18 46.00	
SNY	20.31	6	eP	15 30.80	-0.2
LZH	20.72	318	Pc	15 37.00	1.5
	1.5s		57.00nm		4.7mb
Z	18s		0.93um		4.2Msz
N	12s		0.52um		
HHC	20.76	340	eP	15 37.20	1.4
	1.2s		12.00nm		4.2mb
Z	18s		0.85um		4.2Msz
N	12s		0.38um		
E	11s		0.75um		
CHTO	20.77	266	ePc	15 38.10	2.2
	1.1s		20.61nm		4.4mb
BTO	21.08	336	eP	15 36.50	-2.5
N	18s		1.09um		
E	18s		1.47um		
MAT	21.20	42	(P)	15 11.00	-29.2X
			eS	19 34.00	
GTA	25.29	319	P	16 21.00	0.7
	1.0s		10.00nm		4.4mb
Z	14s		1.16um		4.5MszX
E	11s		0.41um		
			pP	16 31.50	39kmX
			sP	16 34.00	
GBA	42.05	267	P	18 49.00	3.4X
WRA	43.32	161	P	18 55.00	-0.9
	0.7s		4.10nm		4.3mb
WB2	43.33	161	iPd	18 54.80	-1.1
	0.4s		11.10nm		5.0mb
QIS	45.71	155	iPc	19 14.20	-0.8
	0.3s		7.00nm		5.1mb
ASPA	46.73	164	iPc	19 22.80	-0.3
	0.4s		9.80nm		5.1mb
WARB	47.81	173	eP	19 31.50	-0.1
STK	56.75	159	iPc	20 37.70	-0.5
	0.6s		5.40nm		4.8mb
TOO	63.24	158	eP	21 23.30	0.6
	0.7s		10.00nm		5.0mb
OJC	80.48	320	eP	23 06.70	1.5

S.D. = 1.2 on 22 of 26 obs.

* OCT 13, 1992 21h 31m 54.37± 1.77s
39.160 S ± 9.1km 178.268 E ± 17.3km
DEPTH = 47.6 ± 13.3 km
OFF E. COAST OF N. ISLAND, N.Z. (160)

MAHZ	0.30	264	P	32 05.10	1.7
NOZ	0.57	341	P	32 06.80	0.4
PAHZ	0.99	287	P	32 11.70	-0.5
TTH	1.18	251	P	32 16.40	1.6
URZ	1.28	314	Pc	32 15.20	-0.9
			S	32 28.60	
WHH	1.41	281	P	32 17.80	-0.3
HBZ	1.56	1	eP	32 19.70	-0.3
WAHZ	1.58	249	eP	32 20.90	0.5
TAZ	1.66	303	P	32 20.30	-1.2
CNZ	2.12	268	P	32 28.60	0.5

13d 21h

BSZ 2.66 255 eP 32 37.00 1.3
 MOZ 2.78 282 eP 32 36.70 -0.8
 CAW 3.13 231 eP 32 41.30 -1.1
 MOW 3.23 225 eP 32 42.50 -1.3
 MRW 3.43 232 eP 32 45.10 -1.5
 S 33 22.80
 ORZ 4.71 247 eP 33 00.30 -4.4X
 MQZ 6.20 221 eP 33 21.70 -3.9X
 eS 34 26.00
 WRA 42.27 284 P 39 46.50 1.7
 0.6s 0.10nm 2.7mb
 S.D. = 1.3 on 16 of 18 obs.

* OCT 13, 1992 22h 07m 31.29± 0.74s
 14.248 N ± 9.0km 119.373 E ± 9.3km
 DEPTH = 33.0km (normal)
 4.3mb (2 obs.)

LUZON, PHILIPPINE ISLANDS (249)

TGY 1.52 95 iPc 07 56.00 -0.5
 eS 08 15.00
 QVP 1.62 77 eP 07 58.20 0.3
 PGP 1.70 116 iPc 07 59.50 0.4
 iS 08 21.50
 BCP 2.47 29 eP 08 10.00 0.0
 eS 08 50.00
 PIP 4.23 16 iPd 08 38.00 3.0X
 BJI 25.85 354 eP 13 05.50 4.0X
 WRA 37.03 156 P 14 51.20 11.2X
 0.9s 0.50nm
 WB2 37.03 156 eP 14 39.30 -0.8
 0.9s 2.50nm 4.1mb
 WARB 40.80 170 eP 15 12.00 0.6
 KAF 78.96 331 eP 19 32.50 -0.5
 NB2 86.18 332 P 20 11.00 0.6
 0.7s 2.40nm 4.5mb
 S.D. = 0.6 on 8 of 11 obs.

* OCT 13, 1992 22h 15m 15.63± 0.79s
 31.577 S ± 15.7km 68.040 W ± 7.4km
 DEPTH = 33.0km (normal)

SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.17 260 ePc 15 21.10 -0.9
 S 15 26.20
 RTCV 0.51 236 iPd 15 25.80 -0.6
 S 15 36.00
 RTCB 0.65 278 iPc 15 30.00 1.5
 S 15 42.70
 RTBS 1.21 266 eP 15 39.20 3.0X
 RTPR 1.83 46 ePd 15 44.40 -0.8
 MRA 2.15 113 e(P) 15 50.00 0.2
 S 16 13.10
 TCA 2.96 86 e(P) 16 02.10 0.7
 e 16 31.00
 i 16 38.50
 S.D. = 1.2 on 6 of 7 obs.

* OCT 13, 1992 22h 42m 56.87± 3.67s
 31.531 S ± 19.5km 71.986 W ± 27.5km
 DEPTH = 33.0km (normal)

NEAR COAST OF CENTRAL CHILE (135)

MD 3.9 (SAN).

JACH 1.65 135 eP 43 23.30 -0.7
 iS 43 44.90
 ROCH 1.66 150 iPd 43 24.71 0.5
 PEL 1.95 146 iPd 43 28.61 0.3
 iS 43 54.17
 LCCH 1.97 170 eP 43 28.74 0.2
 RTBS 2.17 94 eP 43 31.40 0.1
 TACH 2.29 158 iP 43 33.68 0.5
 FCH 2.29 142 eP 43 33.49 0.0
 iS 44 02.75
 PCH 2.43 150 iPd 43 35.29 0.1
 LNV 2.47 169 iP 43 35.36 -0.2
 CHCH 2.65 155 eP 43 37.37 -0.8
 eS 44 12.14
 RTCB 2.72 90 iPc 43 39.70 0.4
 S 44 13.50
 RTCV 2.96 97 ePd 43 43.20 0.6
 (S) 44 20.20
 RTLL 3.01 87 ePd 43 43.30 -0.1
 S 44 22.50
 CFA 3.20 92 e(P) 43 46.00 0.0
 TCA 6.32 90 e(P) 44 29.60 -0.7
 e 45 38.00

i 45 41.00
 S.D. = 0.5 on 15 of 15 obs.
 OCT 13, 1992 23h 13m 50.54± 0.45s
 53.827 N ± 8.1km 163.452 W ± 4.9km
 DEPTH = 33.0km (normal)
 4.8mb (26 obs.)
 UNIMAK ISLAND REGION (10)
 ML 4.5 (PMR).

SDN 2.29 47 eP 14 28.19 1.4
 eS 14 57.47
 KDC 7.32 53 eP 15 36.20 -1.6
 MCNL 7.36 40 eP 15 38.99 0.6
 CDD 7.47 43 iP 15 39.80 -0.1
 SYI 7.81 48 eP 15 43.92 -0.7
 PDB 7.84 37 eP 15 46.21 1.2
 OPT 8.10 40 eP 15 49.81 1.1
 ADK 8.24 262 eP 15 49.18 -1.5
 INW 8.42 38 eP 15 53.75 0.6
 SVW 8.43 27 eP 15 53.84 0.6
 CNPM 8.82 45 eP 15 57.85 -0.8
 RDW 8.82 37 eP 15 59.94 1.1
 NCT 8.83 36 eP 16 00.15 1.2
 REF 8.86 37 eP 16 00.52 1.1
 DFR 8.94 36 eP 16 00.94 0.5
 RDT 9.03 37 eP 16 02.25 0.7
 BKG 9.43 35 eP 16 08.15 1.0
 CKL 9.49 34 eP 16 09.46 1.4
 BGL 9.52 34 eP 16 09.71 1.3
 CKT 9.54 35 eP 16 09.17 0.5
 SPU 9.58 35 eP 16 09.48 0.3
 Lg 19 16.29
 CRP 9.60 35 eP 16 10.15 0.5
 CLGM 9.68 35 eP 16 11.28 0.6
 SLKM 9.81 42 eP 16 12.03 -0.3
 SEW 9.89 45 eP 16 12.12 -1.2
 TTA 9.92 20 eP 16 14.52 0.6
 MPA 10.14 43 eP 16 15.95 -0.9
 SUA 10.23 37 eP 16 17.42 -0.7
 SKT 10.33 33 eP 16 20.41 1.0
 PTE 10.49 42 eP 16 20.04 -1.6
 PMS 10.52 39 eP 16 19.80 -2.2
 LTI 10.54 48 eP 16 20.12 -2.1
 MTU 10.60 48 eP 16 21.02 -2.1
 PWA 10.66 37 eP 16 23.05 -0.9
 KNIM 10.74 46 eP 16 22.43 -2.6X
 MID 10.95 52 e(P) 16 22.70 -5.2X
 KKK 11.04 41 eP 16 26.75 -2.4X
 GHO 11.09 38 eP 16 27.73 -2.1X
 GLI 11.29 45 eP 16 28.88 -3.6X
 HIN 11.30 48 eP 16 29.88 -2.8X
 SML 11.33 39 eP 16 30.18 -2.9X
 FID 11.48 46 eP 16 31.91 -3.2X
 CVA 11.70 48 eP 16 35.54 -2.5X
 SCM 11.73 40 eP 16 35.75 -2.7X
 VLZ 11.74 45 eP 16 36.53 -1.9
 SGAM 11.92 49 eP 16 38.94 -2.1
 KAIM 12.05 52 eP 16 40.33 -2.3
 KLU 12.10 44 eP 16 40.90 -2.5X
 HMT 12.28 50 eP 16 43.73 -2.1
 TOA 12.33 41 eP 16 44.60 -1.9
 GLB 12.95 46 eP 16 53.26 -1.5
 CROM 12.95 50 eP 16 53.38 -1.6
 PAX 13.10 38 eP 16 55.10 -1.6
 IMA 13.19 18 eP 16 59.43 1.4
 BALM 13.42 49 eP 16 59.37 -1.7
 YAH 13.45 52 eP 17 00.15 -1.4
 FBA 13.62 29 eP 17 00.76 -2.7X
 CTGM 13.85 50 eP 17 05.93 -0.8
 YKA 26.57 51 eP 19 28.60 1.7
 0.4s 4.20nm 4.4mb
 TIK 33.37 328 eP 20 20.00 -7.2X
 Z 16s 0.50um 4.3mszX
 BONR 34.54 99 (P) 20 39.64 1.6
 PTI 34.94 87 eP 20 43.42 2.1
 HYU 35.36 89 eP 20 45.77 0.9
 DUG 36.32 91 eP 20 53.73 0.7
 0.6s 0.58nm 3.7mb X
 TPNV 36.42 98 (P) 21 00.16 6.3X
 0.9s 14.93nm 4.9mb
 GSC 37.23 101 (P) 21 04.38 3.8X
 MSU 37.78 93 eP 21 05.05 -0.3
 RSSD 39.11 79 (P) 21 16.85 0.4
 0.4s 2.80nm 4.4mb
 MAT 43.28 271 eP 21 49.00 -1.5
 CN2 46.01 288 eP 22 10.60 -1.6

DAG 0.8s 2.00nm 4.1mb
 47.76 10 iPd 22 26.00 0.4
 0.5s 16.20nm 5.3mb
 BJI 53.69 290 eP 23 09.00 -2.0
 HHC 55.66 294 eP 23 25.40 -0.2
 1.0s 9.90nm 4.8mb
 TIA 55.83 286 eP 23 25.00 -1.7
 BTO 56.68 295 eP 23 32.00 -0.9
 TIY 57.40 291 eP 23 37.00 -1.0
 Z 16s 0.48um 4.7mszX
 S 31 27.00
 SDF 58.85 356 iP 23 47.00 -0.6
 XAN 62.02 290 P 24 08.30 -1.5
 GTA 62.91 300 P 24 14.00 -1.7
 1.0s 10.00nm 4.9mb
 sP 24 24.00
 LZH 63.28 295 eP 24 17.00 -1.2
 1.2s 20.00nm 5.1mb
 pP 24 27.50 34kmX
 KAF 64.15 355 eP 24 22.50 -0.8
 0.5s 7.90nm 5.1mb
 BRVK 64.51 327 iPd 24 26.00 0.2
 1.0s 14.00nm 5.0mb
 NB2 65.40 3 P 24 31.10 -0.4
 0.7s 5.50nm 4.8mb
 NUR 65.83 356 iP 24 33.80 -0.3
 0.4s 4.90nm 5.0mb
 HFS 66.37 2 eP 24 36.20 -1.4
 0.4s 8.50nm 5.1mb
 CD2 67.24 291 eP 24 43.40 -0.3
 GYA 69.03 286 P 24 54.60 -0.3
 1.0s 9.60nm 4.8mb
 EKA 70.00 12 Pd 25 01.10 0.9
 0.6s 4.50nm 4.7mb
 FRU 71.65 319 eP 25 11.00 0.5
 1.5s 20.00nm 4.9mb
 e 25 34.00
 WTS 74.24 6 eP 25 26.50 1.1
 0.8s 6.00nm 4.6mb
 e 25 37.00
 LSA 74.93 300 eP 25 31.00 0.6
 CLL 75.19 2 iP 25 31.70 0.8
 1.1s 8.00nm 4.6mb
 ENN 75.40 7 eP 25 33.00 0.9
 0.8s 6.00nm 4.6mb
 e 25 43.50
 BRG 75.65 2 eP 25 34.00 0.5
 e 25 44.00
 MOX 75.82 3 eP 25 35.50 1.0
 1.3s 19.00nm 4.9mb
 PRU 76.55 1 eP 25 39.50 0.9
 e 25 50.60
 GRF 76.76 4 iPc 25 41.20 1.4
 1.1s 17.00nm 5.0mb
 e(P) 25 51.60 33kmX
 GRR 77.10 12 eP 25 42.70 1.0
 SPC 77.31 358 e(P) 25 44.80 1.7
 KHC 77.39 2 eP 25 44.50 1.2
 1.3s 12.00nm 4.8mb
 e 25 55.00
 LPF 77.43 12 eP 25 44.80 1.3
 GEC2 77.68 2 P 25 45.80 0.8
 0.6s 1.87nm 4.3mb
 CDF 77.84 6 eP 25 47.00 1.1
 HAU 78.18 7 eP 25 48.80 1.1
 BSF 78.38 7 eP 25 50.00 1.1
 LOR 78.71 9 eP 25 51.60 1.0
 SSF 78.88 9 eP 25 52.80 1.3
 0.4s 3.40nm 4.7mb
 MFF 78.94 12 eP 25 53.40 1.5
 LBF 79.00 9 eP 25 53.20 1.0
 0.4s 1.70nm 4.4mb
 GUN 79.06 303 P 25 53.10 -0.2
 AVF 79.13 9 eP 25 54.00 1.1
 0.3s 1.75nm 4.5mb
 SMF 79.32 9 eP 25 55.00 1.0
 KKN 79.46 303 P 25 55.30 0.0
 LSF 79.48 11 eP 25 56.00 1.2
 PKI 79.57 303 P 25 55.80 -0.2
 GKN 79.60 303 P 25 56.00 0.0
 DMN 79.69 303 P 25 56.80 0.2
 MAIO 82.87 326 eP 26 14.00 1.1
 HYB 91.49 303 eP 26 54.50 -0.4
 e 27 05.50
 BUL 145.12 340 iPKPc 33 47.10 20.9X
 SLR 150.61 338 iPKPc 33 37.00 2.3X
 0.7s 13.70nm

S.D. = 1.2 on 104 of 121 obs.

OCT 13, 1992 23h 30m 52.12±0.89s
 30.599 N ± 5.4km 35.387 E ±11.5km
 DEPTH = 10.0km (geophysicist)

DEAD SEA REGION (373)

DHLJ	0.22	3 Pc	30 57.83	1.0
GHZJ	0.81	95 Pd	31 08.07	0.1
QTRJ	0.88	37 Pc	31 08.91	-0.2
MASJ	1.16	14 Pc	31 13.36	-0.5
MDSJ	1.27	36 Pd	31 15.29	-0.5
HQL	1.36	193 eP	31 16.38	-0.6
		eS	31 34.60	
AYN	1.80	163 iPd	31 24.10	0.7
		eS	31 48.00	

S.D. = 0.8 on 7 of 7 obs.

% OCT 13, 1992 23h 58m 24.93±0.56s
 37.664 S ± 5.3km 176.874 E ± 5.2km
 DEPTH = 21.5 ± 7.2 km
 NORTH ISLAND, NEW ZEALAND (159)
 ML 3.8 (WEL).

WIZ	0.28	62 P	58 31.70	0.2
URZ	0.62	163 Pc	58 34.90	-2.1
		S	58 42.60	
TAZ	0.64	207 P	58 37.40	0.1
UTU	0.74	226 eP	58 38.70	-0.4
PATZ	0.87	214 P	58 41.30	0.1
WLZ	1.03	258 eP	58 44.20	0.2
HBZ	1.14	87 eP	58 45.20	-0.3
PAHZ	1.20	173 P	58 45.50	-1.0
WHH	1.25	194 P	58 46.10	-1.2
KUZ	1.30	314 P	58 46.30	-1.5
NOZ	1.32	136 eP	58 48.10	0.0
WAHZ	2.07	191 P	58 58.80	-0.3
WCZ	2.66	310 P	59 06.10	-1.3

S.D. = 0.9 on 13 of 13 obs.

& OCT 14, 1992 00h 55m 19.70s
 62.380 N 151.023 W
 DEPTH = 71.1km
 CENTRAL ALASKA (1)
 <AEIC>.

PWA	0.91	143 eP	55 36.30	-1.0
PMR	1.19	131 eP	55 38.70	-2.3
CRP	1.24	206 eP	55 40.84	-0.9
		eS	55 57.54	
BGL	1.30	211 ePn	55 41.81	-0.6
SPU	1.30	203 ePn	55 41.02	-1.4
		eS	55 57.01	
PMS	1.33	148 eP	55 41.70	-1.2
SLKM	1.92	168 ePn	55 49.48	-1.4
TOA	2.29	95 eP	55 55.00	-1.0
TTA	2.37	286 eP	55 55.40	-1.7
KLU	2.57	108 eP	55 56.67	-3.3
IMA	3.88	344 eP	56 16.08	-2.2

11 obs. associated

* OCT 14, 1992 01h 36m 18.70±0.33s
 59.581 S ± 9.1km 25.979 W ±10.8km
 DEPTH = 33.0km (normal)

5.0mb (9 obs.) 4.8Msz (3 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)
 CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.8.: 12S, 18C

Centroid Location:

Origin Time 01:36:24.6 0.5

Lat 60.125 0.09 Lon 25.22W 0.18

Dep 15.0 FIX Half-duration 1.0

Moment Tensor: Scale 10**16 Nm

Mrr=-6.72 0.76 Mtt=-3.34 1.03

Mrf=-3.38 0.50 Mrt=-4.89 1.53

Mrf=7.75 2.05 Mtf=-0.29 0.67

Principal Axes:

T Val=12.20 Ptg=59 Azm=237

N -3.61 1 329

P -8.60 31 59

Best Double Couple:Mo=1.0*10**17

NP1:Strike=152 Dip=14 Slip= 94

NP2: 329 76 89

SNA	14.56	147 iPc	39 39.70	-4.2X
	0.8s	402.99nm	6.0mb	

NVL	19.02	141 eP	40 40.00	0.1
	1.4s	71.00nm	4.7mb	
		e	41 04.00	
		e	41 08.00	
		eS	44 14.00	

SPA	30.59	180 ePc	42 31.60	0.2
	0.7s	23.44nm	5.1mb	
Z	19s	1.62um	4.7Msz	

MAW	36.96	140 eP	43 25.00	-0.9
	1.1s	22.00nm	4.9mb	

PEL	39.48	292 eP	43 48.00	0.6
PPD	41.60	323 eP	44 04.00	-0.1
CRZF	45.91	110 eP	45 06.00	26.6X

		ePPP	47 18.00	
		eS	51 34.00	
		eSS	54 09.00	
		eSSS	55 05.00	

BLF	46.39	73 iPd	44 52.00	8.4X
PDCR	47.97	343 eP	44 54.40	-1.6
SIV	50.50	314 (P)	45 18.00	2.6

CCH	51.18	308 P	45 20.30	-0.6
CNCB	52.44	306 P	45 31.10	0.3
LPB	52.74	306 P	45 32.10	-0.7

ZOBO	52.97	306 Pc	45 33.50	-1.3
		LR	57 28.00	

ARE	54.23	302 eP	45 44.00	0.4
LIC	67.68	23 P	47 14.94	0.5
KIC	67.87	23 P	47 15.80	0.1

	0.8s	4.50nm	4.6mb	
TIC	68.09	23 P	47 18.06	1.0
BCAO	72.80	47 iPc	47 46.20	0.6

	1.2s	28.00nm	5.1mb	
NAI	75.42	67 eP	48 21.00	19.9X
Z	20s	0.46um	4.8Msz	

TOO	82.95	173 iPc	48 41.70	0.5
	0.7s	9.00nm	5.0mb	

BFD	83.13	171 eP	48 42.30	0.2
	1.0s	15.00nm	5.1mb	

STK	88.30	169 iPd	49 08.10	0.3
	0.7s	3.10nm	4.7mb	

HYB	112.21	93 ePKP	54 52.00	-0.2
NUR	126.04	28 ePKP	55 17.70	0.2
KAF	127.83	28 iPKP	55 19.80	-1.0

	1.2s	32.20nm		
YKA	139.18	315 ePKP	55 41.20	-1.1
	0.5s	1.60nm		

GTA	140.80	96 ePKP	55 44.00	-2.1
TIY	145.71	111 ePKP	55 55.00	0.4
Z	20s	0.50um	5.3Msz	

TIA	146.66	118 ePKP	55 56.70	0.6
BTO	146.80	105 ePKP	55 57.50	1.2
HHC	147.75	106 PKPd	56 01.00	3.2X

BJI	149.33	113 ePKP	56 04.00	3.9X
KLU	151.30	300 ePKP	56 08.42	5.9X
FBA	153.26	306 ePKP	56 12.00	6.9X

BGL	154.11	297 (PKP)	56 13.83	7.2X
-----	--------	-----------	----------	------

S.D. = 1.0 on 27 of 36 obs.

& OCT 14, 1992 01h 54m 13.29s
 35.077 N 117.003 W
 DEPTH = 3.8km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.4 (PAS). 3.2 (GS).

GSC	0.28	36 eP	54 18.52	-0.4
SSK	1.03	214 ePnd	54 32.47	-1.1
		eS	54 46.26	

PEC	1.19	186 ePd	54 35.27	-0.8
		eS	54 51.46	
ISA	1.34	296 ePn	54 37.51	-1.1

		eS	54 54.36	
PLM	1.72	176 ePn	54 43.41	-1.0
		iPg	54 44.98	

		eS	55 06.38	
ABL	1.84	264 ePn	54 46.11	0.0
		iPg	54 47.18	

TPNV	1.97	18 ePn	54 46.77	-1.1
		ePg	54 49.79	

BCH	2.53	273 ePn	54 54.29	-1.6
GLA	2.71	138 ePn	54 55.42	-3.1
		ePg	55 02.90	

PKEM	2.72	292 (P)	54 58.49	0.0
PHAM	2.87	286 ePn	55 00.78	0.0
TNP	3.00	357 ePn	55 01.68	-1.1

		ePg	55 08.63	
MEMM	3.02	329 (P)	55 03.72	1.0
		S	55 48.65	

BONR	3.06	340 ePn	55 02.90	-0.7
		ePg	55 10.29	

ARUT	3.95	46 (Pn)	55 13.97	-2.2
		ePg	55 26.07	

CMB	4.02	318 ePg	55 25.21	8.2
MSU	5.17	47 ePn	55 33.30	-0.3
	17 obs.	associated		

OCT 14, 1992 03h 33m 03.52±0.38s
 4.443 S ± 5.6km 132.964 E ± 7.4km
 DEPTH = 19.8km (4 depth phases)

IRIAN JAYA REGION, INDONESIA (196)

AAI	4.82	279 ePc	34 17.00	0.2
		eS	35 11.00	

MTN	8.54	192 eP	35 08.10	-1.0
		eS	36 43.00	

WWKK	10.66	86 eP	35 37.60	-0.8
MNDI	10.78	100 eP	35 39.80	-0.4
KNA	11.97	200 iPc	35 53.80	-2.3

		eS	38 05.00	
PMG	14.93	110 eP	36 35.00	-0.3
	0.9s	50.42nm	4.9mb	

WBZ	15.47	175 eP	36 39.50	-2.8
	0.4s	10.50nm	4.4mb	
		eS	39 24.70	

OIS	17.27	159 iPc	37 04.40	-0.9
	0.2s	9.00nm	4.6mb	
		eS	40 04.60	

ASPA	19.13	177 iPc	37 27.20	-1.1
	0.5s	34.70nm	4.9mb	
		eS	40 44.00	

CTA	20.23	141 iPc	37 42.20	1.8
	1.0s	32.50nm	4.6mb	
		eS	41 30.00	

WARB	22.45	195 eP	38 04.40	1.5
	0.4s	9.00nm	4.6mb	

QLP	24.51	155 eP	38 26.20	3.3X
	0.4s	30.00nm	5.2mb	

NANU	24.68	222 eP	38 26.00	1.4
	0.5s	22.00nm	5.0mb	

FORT	26.60	189 eP	38 43.00	0.5
RMO	26.62	147 eP	38 51.10	8.3X
	0.7s	12.00nm	4.7mb	

STK	28.47	164 eP	39 01.20	1.7
	1.3s	3.20nm	3.9mb	
		eS	44 23.60	

COOL	28.56	202 eP	39 01.00	0.7
	0.6s	7.00nm	4.6mb	

MRWA	29.42	211 eP	39 08.50	0.4
	0.4s	3.00nm	4.4mb	

BAL	30.20	209 iPc	39 15.70	0.7
	0.5s	10.00nm	4.9mb	
ARMA	31.27	148 eP	39 26.00	1.4

	0.7s	22.00nm	5.1mb	
BWA	33.10	156 eP	39 43.50	3.0X
		eP	39 49.40	20km

C

14d 03h

KKN 56.01 308 P 42 42.29 -1.4
 DMN 56.07 308 P 42 42.86 -1.3
 0.8s 26.00nm 5.3mb
 GKN 56.62 308 P 42 46.68 -1.3
 TTA 85.42 26 (P) 45 41.71 0.9
 1.4s 13.69nm 5.0mb
 pP 45 47.89 19km
 BGL 86.55 28 (P) 45 44.24 -2.2
 SLKM 87.38 29 eP 45 49.74 -0.6
 pP 45 56.01 20km
 YJA 147.97 146 ePKPd 52 51.00 3.6X
 LPB 150.54 136 ePKP 53 01.00 9.6X
 ZOBO 150.68 135 PKP 53 00.20 8.3X
 1.1s 10.73nm
 SIV 155.40 146 ePKP 53 01.00 3.2X
 S.D. = 1.5 on 39 of 51 obs.

* OCT 14, 1992 03h 50m 15.61±1.56s
 30.088 N ±10.1km 31.277 E ±13.5km
 DEPTH = 10.0km (geophysicist)
 EGYPT (553)
 ML 4.1 (CSS). MD 3.7 (HLW).

HLW 0.24 166 eP 50 22.00 1.4
 eS 50 26.00
 KOT 0.50 108 eP 50 27.50 1.7
 RMN 2.93 81 eP 51 01.10 -2.0
 HQL 3.38 103 eP 51 07.60 -1.9
 eS 51 58.00
 MKT 3.45 75 eP 51 09.00 -1.5
 eS 51 46.50
 JVI 3.95 61 eP 51 17.00 -0.6
 MKRJ 4.03 68 Pd 51 20.18 1.5
 MASJ 4.15 66 Pd 51 20.66 0.2
 KFNJ 4.17 64 Pd 51 22.01 1.3
 AYN 4.29 105 ePd 51 20.00 -2.4
 eS 52 20.00
 BURJ 4.43 60 Pd 51 26.16 1.6
 JARJ 4.54 61 Pd 51 27.53 1.5
 PPCY 4.87 10 eP 51 35.00 4.4X
 eS 52 30.00
 HRI 4.95 49 eP 51 31.80 -0.1
 CSS 5.16 19 eP 51 44.70 9.9X
 eS 52 45.50
 WAJH 6.08 129 eP 51 44.30 -3.4X
 GEC2 23.03 329 P 55 21.20 -0.6
 0.9s 1.18nm 3.4mb
 S.D. = 1.7 on 14 of 17 obs.

OCT 14, 1992 04h 15m 36.24±0.41s
 24.332 N ±6.3km 123.886 E ±6.5km
 DEPTH = 33.0km (normol)
 4.6mb (26 obs.)
 SOUTHWESTERN RYUKYU ISLANDS (246)
 ML 4.1 (BJI).

OZH 4.86 278 ePn 16 49.50 0.6
 Sn 17 40.40
 PIP 6.71 208 iPd 17 15.00 0.0
 1.0s 139.00nm 5.8mb X
 CVP 6.87 197 eP 16 18.00 -59.3X
 eS 17 35.00
 SSE 7.15 341 eP 17 16.00 -5.1X
 Z 12s 2.70um
 N 10s 2.00um
 E 12s 3.20um
 S 18 33.50
 NJ2 8.88 331 eP 17 44.50 -0.7
 eS 19 25.00
 TIA 13.20 335 eP 18 46.00 2.2
 Z 12s 1.72um
 DL2 14.66 353 P 19 04.00 1.0
 Z 14s 1.75um
 GYA 15.71 281 P 19 20.40 3.5X
 1.0s 12.00nm 4.0mb
 Z 12s 2.51um 4.5Msz
 CGP 15.81 177 ePc 19 23.40 5.3X
 1.0s 38.00nm 4.5mb
 XAN 16.24 310 eP 19 24.50 0.9
 Z 10s 1.18um
 N 12s 1.87um
 E 12s 1.03um
 TIY 16.54 326 eP 19 30.90 3.6X
 Z 11s 1.72um
 E 10s 1.62um
 BJI 16.96 339 ePc 19 34.50 2.1
 1.4s 33.00nm 4.3mb

Z 14s 0.88um 4.2Msz
 N 11s 1.11um
 MAT 17.31 42 (P) 19 38.00 1.0
 Z 20s 0.71um
 eS 22 53.00
 SNY 17.45 359 Pc 19 40.10 1.5
 Z 15s 1.41um
 N 11s 1.24um
 E 12s 1.36um
 sP 19 53.00
 CD2 18.99 295 eP 19 56.00 -1.7
 S 23 24.00
 KMI 19.23 277 eP 20 03.00 2.3
 1.5s 40.00nm 4.4mb
 Z 12s 2.90um 4.6Msz
 N 11s 2.20um
 E 10s 1.80um
 HHC 19.43 331 P 20 04.00 1.1
 1.8s 96.00nm 4.8mb
 Z 18s 1.21um 4.5MszX
 N 10s 1.05um
 E 10s 0.63um
 CN2 19.46 3 Pd 20 02.60 -0.5
 1.2s 21.00nm 4.3mb
 Z 11s 1.55um 4.1Msz
 N 12s 1.10um
 E 12s 1.39um
 esP 20 16.00
 BTO 19.96 328 P 20 07.00 -1.5
 N 12s 1.16um
 E 12s 1.17um
 LZH 20.86 309 eP 20 17.50 -0.6
 1.8s 75.00nm 4.8mb
 Z 11s 1.05um 4.5MszX
 E 10s 0.57um
 pP 20 27.50 39kmX
 sP 20 30.00
 PP 20 40.00
 S 24 06.00
 GTA 25.27 312 P 21 01.50 0.3
 1.0s 14.00nm 4.5mb
 Z 14s 0.58um 4.2MszX
 N 11s 0.55um
 sP 21 16.00
 PPI 33.56 226 eP 22 16.40 1.0
 GUN 34.22 284 P 22 19.94 -1.6
 PKI 34.66 284 P 22 24.28 -1.0
 KKN 34.76 284 P 22 24.70 -1.3
 0.6s 14.00nm 5.1mb
 DMN 34.92 284 P 22 26.24 -1.2
 GKN 35.31 285 P 22 29.08 -1.6
 GBA 45.02 265 P 23 53.00 2.2
 WRA 45.17 166 P 23 52.50 0.7
 0.9s 5.10nm 4.4mb
 WB2 45.17 166 eP 23 52.50 0.6
 1.1s 11.90nm 4.7mb
 STK 58.40 162 eP 25 31.50 0.6
 0.7s 2.20nm 4.4mb
 TTA 64.15 30 eP 26 09.40 -0.1
 0.9s 4.27nm 4.5mb
 SVW 64.45 32 eP 26 11.40 -0.1
 0.8s 12.12nm 5.0mb
 IMA 64.97 27 (P) 26 15.12 0.2
 0.9s 2.99nm 4.4mb
 CRP 66.10 32 eP 26 21.76 -0.5
 SPU 66.16 32 eP 26 21.88 -0.6
 PWA 67.13 31 eP 26 28.40 -0.1
 0.9s 66.40nm 5.7mb X
 PMR 67.49 31 eP 26 29.09 -1.7
 0.8s 15.53nm 5.2mb
 FBA 67.54 27 eP 26 29.91 -1.2
 0.5s 2.67nm 4.6mb
 TOA 68.78 30 eP 26 39.40 0.5
 KLU 69.02 31 eP 26 39.67 -0.8
 BALM 70.81 31 eP 26 50.32 -1.1
 HFS 78.63 331 eP 27 34.90 -1.2
 0.5s 1.60nm 4.3mb
 N82 79.23 333 P 27 37.40 -2.1
 0.5s 1.60nm 4.3mb
 OJC 80.13 321 eP 27 45.70 1.3
 SPC 80.32 320 eP 27 47.50 1.8
 KSP 81.83 322 eP 27 55.00 1.6
 YKA 81.86 24 eP 27 49.70 -3.6X
 1.2s 9.00nm 4.7mb
 SKO 82.74 313 iP 27 59.50 1.2
 PRU 83.23 322 eP 28 03.50 2.9X
 e 28 24.50

KHC 84.20 322 eP 28 03.50 -2.1
 e 28 24.50
 GEC2 84.28 321 P 28 04.90 -1.2
 0.8s 2.20nm 4.4mb
 S 40 19.20
 e 40 22.30
 e 51 01.80
 CDF 88.09 323 eP 28 23.80 -1.0
 1.1s 11.00nm 5.1mb
 BSF 88.69 323 eP 28 27.00 -0.8
 0.9s 4.60nm 4.8mb
 LPG 90.08 321 eP 28 33.80 -0.8
 0.9s 13.25nm 5.2mb
 LPL 90.08 321 eP 28 33.70 -0.8
 0.9s 13.25nm 5.2mb
 SMF 91.01 323 eP 28 38.30 -0.2
 0.7s 4.50nm 4.9mb
 SES 91.18 32 eP 28 41.00 1.8
 ZOBO 166.18 57 PKP 35 41.80 1.5
 CCH 168.35 55 (PKP) 35 47.00 5.5X
 S.D. = 1.3 on 52 of 60 obs.

* OCT 14, 1992 04h 32m 18.05s
 34.003 N 116.348 W
 DEPTH = 1.4km
 SOUTHERN CALIFORNIA (43)
 <PAS>P>. ML 2.9 (PAS), 2.7 (GS).

PEC 0.68 261 eP 32 31.00 -0.7
 S 32 40.40
 PLM 0.78 214 eP 32 32.92 -0.6
 eS 32 42.78
 SSK 1.14 281 ePnc 32 39.12 -1.1
 eS 32 55.65
 GSC 1.35 344 eP 32 43.88 0.1
 S 33 03.41
 GLA 1.59 126 ePn 32 44.33 -3.0
 ISA 2.41 314 ePn 32 57.15 -2.1
 ABL 2.52 290 ePn 33 00.16 -0.8
 TNP 4.13 350 ePn 33 22.56 -1.3
 BONR 4.25 339 (P) 33 25.47 -0.1
 ePg 33 39.13
 9 obs. associated

* OCT 14, 1992 05h 19m 58.25±0.72s
 17.636 S ±25.8km 178.726 W ±22.1km
 DEPTH = 550.0km (geophysicist)
 4.7mb (17 obs.)
 FIJI ISLANDS REGION (181)

DZM 14.63 250 iPd 23 06.90 3.1
 BRS 28.00 245 iPc 25 07.00 0.0
 0.9s 3.00nm 3.9mb
 ARMA 29.82 239 iPd 25 23.40 0.6
 0.4s 8.00nm 4.7mb
 RMO 31.33 248 iPd 25 36.50 1.0
 0.6s 28.00nm 5.1mb
 CNB 33.35 232 iPc 25 53.30 0.8
 0.5s 39.00nm 5.3mb
 CAN 33.63 232 iPd 25 55.20 0.4
 BWA 33.73 234 eP 25 54.30 -1.4
 CMS 34.90 240 iPd 26 06.30 0.9
 0.7s 19.00nm 4.8mb
 TOO 37.11 230 iPd 26 24.10 0.6
 0.7s 50.00nm 5.3mb
 STK 38.50 241 iPd 26 36.10 1.2
 0.7s 22.40nm 4.9mb
 BFD 39.16 232 eP 26 40.60 0.4
 0.6s 9.00nm 4.6mb
 WB2 44.37 259 iPd 27 21.70 -0.1
 0.3s 16.00nm 5.0mb
 WRA 44.38 259 P 27 21.60 -0.3
 0.9s 2.80nm 3.8mb
 FORT 49.85 244 eP 28 02.00 -1.1
 WARB 51.09 250 iPd 28 11.70 -0.6
 0.3s 9.00nm 4.7mb
 COOL 55.80 244 iPd 28 44.10 -1.6
 0.4s 10.00nm 4.5mb
 MBL 57.75 256 iPd 28 58.60 -0.6
 0.4s 20.00nm 4.8mb
 KLB 58.67 243 eP 29 04.00 -1.3
 0.4s 8.00nm 4.4mb
 BAL 59.63 244 iPd 29 10.40 -1.2
 MUN 59.98 243 iPc 29 13.30 -0.6
 MRWA 60.34 246 eP 29 15.00 -1.4
 0.5s 4.00nm 4.0mb
 NANU 61.51 254 iPd 29 24.00 -0.1

0.4s 25.00nm 5.0mb
 SLKM 81.20 14 eP 31 17.19 -0.3
 CRP 81.46 13 eP 31 18.09 -0.8
 RMW 82.41 35 ePc 31 24.48 0.6
 FBA 85.61 13 eP 31 40.00 0.9
 PV10 85.76 48 eP 31 41.90 1.2
 ALO 86.16 52 eP 31 42.50 -0.2
 1.0s 3.50nm 4.0mb
 GEC2 147.27 345 PKP 38 41.50 3.5X
 0.6s 1.77nm
 S.D. = 1.1 on 28 of 29 obs.

* OCT 14, 1992 05h 36m 45.56±1.15s
 35.404 N ±10.4km 139.971 E ±10.1km
 DEPTH = 33.0km (normal)
 3.8mb (2 obs.)
 NEAR S. COAST OF HONSHU, JAPAN (230)

KAKJ 0.82 12 iPd 37 02.00 1.4
 S 37 13.10
 CHJJ 1.02 309 iP+ 37 03.60 0.0
 S 37 15.40
 IIDJ 1.68 273 eP 37 13.90 0.8
 S 37 33.50
 MAT 1.83 309 iPc 37 15.00 -0.2
 iS 37 36.10
 NIJJ 1.99 337 iP+ 37 17.30 -0.3
 S 37 40.30
 MTMJ 2.12 304 iP+ 37 19.30 -0.1
 YAMJ 2.76 1 eP 37 28.80 0.3
 TSRJ 3.26 273 P 37 35.70 0.2
 OFUJ 3.91 20 P 37 44.70 -0.1
 WRA 55.30 186 P 46 18.80 0.6
 0.4s 0.20nm 3.5mb
 NB2 75.23 337 P 48 23.70 -2.7
 0.8s 1.90nm 4.1mb
 S.D. = 1.2 on 11 of 11 obs.

* OCT 14, 1992 05h 48m 05.71±0.50s
 57.891 S ±11.1km 23.559 W ±12.6km
 DEPTH = 33.0km (normal)
 4.8mb (3 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)

SNA 15.40 152 e(P) 51 40.00 -1.8
 0.9s 67.23nm 4.9mb
 NVL 19.62 145 eP 52 36.00 2.2
 2.0s 63.00nm 4.6mb
 Z 17s 0.50um
 N 17s 0.20um
 E 17s 0.20um
 e 52 44.00
 e 53 05.00
 eS 56 11.00
 AIA 20.40 232 eP 52 41.00 -1.0
 VAO 38.73 324 (P) 55 30.00 1.6
 PPD 41.07 319 eP 55 47.50 -0.1
 e 55 50.00
 PDCR 46.79 339 eP 56 33.30 -0.4
 SLR 48.49 71 eP 56 45.00 -2.2
 SIV 50.29 310 eP 57 00.00 -0.9
 e 02 08.00
 CCH 51.20 304 eP 57 10.00 1.8
 LPB 52.83 302 eP 57 05.00 -15.5X
 ZO80 53.06 303 Pc 57 20.30 -2.2
 S 04 54.00
 LR 13 30.00
 LIC 65.64 20 P 58 48.60 0.1
 KIC 65.83 21 P 58 49.60 -0.1
 TIC 66.06 20 P 58 51.00 -0.2
 BCAO 70.72 45 iPd 59 20.20 0.0
 0.8s 12.00nm 5.0mb
 iS 10 46.00
 MSU 120.94 294 ePKP 06 56.17 0.4
 RSSD 121.52 304 ePKP 06 55.76 -0.9
 LRM 126.66 299 ePKP 07 07.90 1.3
 YKA 138.88 315 ePKP 07 27.70 -1.1
 0.7s 5.40nm
 TIY 145.05 106 PKPd 07 41.10 0.6
 BTO 145.93 100 ePKP 07 43.00 1.0
 TIA 146.25 113 PKPc 07 44.30 1.8
 HHC 146.92 101 ePKP 07 46.80 3.2X
 BJI 148.72 107 ePKP 07 50.50 4.2X
 BALM 149.73 302 (PKP) 07 52.20 4.9X
 KLU 151.51 302 ePKP 07 56.96 7.0X
 pP 08 05.57
 TOA 151.82 303 ePKP 07 58.70 8.3X

0.8s 36.80nm
 e 08 08.10
 PMS 153.10 308 ePKP 08 01.10 8.9X
 0.9s 20.30nm
 e 08 12.80
 FBA 153.23 308 ePKP 07 59.23 7.1X
 pP 08 11.81
 S.D. = 1.4 on 21 of 29 obs.

% OCT 14, 1992 06h 08m 17.96±0.58s
 47.341 N ±7.2km 1.007 E ±6.2km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
 ML 2.2 (LDG).

MFF 1.08 227 Pg 08 38.00 -0.3
 Sg 08 53.20
 HYF 1.11 93 Pg 08 38.70 -0.1
 Sg 08 52.90
 LSF 1.15 162 Pg 08 38.80 -0.7
 Sg 08 54.90
 TCF 1.34 141 Pg 08 42.50 -0.1
 Sg 08 59.90
 LDF 1.47 329 Pg 08 44.10 -0.3
 Sg 09 02.40
 BGF 1.48 121 Pn 08 42.90 -1.8
 Pg 08 44.70
 LPF 1.55 297 Pg 08 46.90 1.3
 Sg 09 06.10
 MAF 1.55 136 Pg 08 46.00 0.4
 Sg 09 06.90
 GRR 1.64 311 Pn 08 44.30 -2.5
 Pg 08 47.50
 Sg 09 09.10
 AVF 1.70 108 Pg 08 47.80 0.1
 Sg 09 09.90
 SSF 1.73 98 Pg 08 48.30 0.1
 Sg 09 10.50
 FLN 1.74 325 Pg 08 49.80 1.5
 Sg 09 10.80
 LOR 1.94 91 Pg 08 53.20 1.9X
 Sg 09 16.20
 LBF 2.06 99 Pg 08 54.10 1.1
 Sg 09 20.70
 SMF 2.06 109 Pg 08 55.40 2.3X
 Sg 09 20.70
 RJF 2.07 170 Pg 08 54.70 1.5
 Sg 09 22.10
 LFF 2.41 185 Pg 09 01.90 3.9X
 Sg 09 34.50
 S.D. = 1.3 on 14 of 17 obs.

% OCT 14, 1992 06h 54m 30.67±0.85s
 34.274 S ±8.8km 70.082 W ±6.8km
 DEPTH = 10.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)
 MD 3.6 (SAN).

CHCH 0.58 305 iP+ 54 42.26 -0.2
 iS 54 50.50
 PCH 0.74 331 iP+ 54 44.87 -0.4
 iS 54 55.93
 TACH 0.94 311 iP+ 54 48.51 -0.1
 iS 55 01.93
 FCH 0.96 350 iP+ 54 48.65 -0.5
 iS 55 02.76
 LNV 1.15 286 iP+ 54 51.98 -0.1
 iS 55 08.58
 PEL 1.23 336 iPd 54 53.63 0.0
 iS 55 11.29
 RFA 1.42 111 iPd 54 56.50 -0.1
 S 55 16.30
 LCCH 1.47 302 iP+ 54 57.54 0.3
 iS 55 17.99
 ROCH 1.51 329 iP 54 58.67 0.7
 iS 55 18.70
 JACH 1.64 345 iP 55 00.44 0.6
 iS 55 22.74
 S.D. = 0.5 on 10 of 10 obs.

OCT 14, 1992 07h 23m 51.13±1.04s
 41.095 N ±6.3km 22.453 E ±8.7km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
 MD 2.1 (THE). ML 1.6 (SKO).

GRG 0.14 196 ePg 23 54.54 0.0
 eSg 23 57.70
 VAY 0.24 21 iPg 23 56.20 -0.1
 iSg 23 58.60
 KNT 0.34 79 iPg 23 58.22 0.0
 eSg 24 04.60
 THE 0.60 140 iPg 24 02.66 -0.6
 SOH 0.73 112 ePg 24 06.06 0.5
 SRS 0.86 88 ePg 24 07.70 0.0
 LIT 0.99 178 ePg 24 10.18 0.2
 S.D. = 0.4 on 7 of 7 obs.

? OCT 14, 1992 07h 45m 34.52±0.74s
 43.486 N ±14.1km 143.890 E ±21.8km
 DEPTH = 33.0km (normal)
 4.4mb (7 obs.)
 HOKKAIDO, JAPAN REGION (224)

IMA 40.23 34 eP 53 08.59 -0.8
 0.7s 1.88nm 4.0mb
 SPU 41.05 42 (P) 53 17.31 1.2
 FBA 42.70 36 iPc 53 29.04 -0.4
 0.6s 4.80nm 4.4mb
 KAF 63.47 332 eP 56 03.00 0.0
 0.4s 4.00nm 4.9mb
 WRA 63.72 190 P 56 04.80 -0.3
 0.7s 0.30nm 3.5mb
 NUR 65.17 332 eP 56 15.40 1.4
 0.4s 6.20nm 5.1mb
 ASPA 67.45 190 P 56 29.20 0.2
 0.6s 1.60nm 4.3mb
 NB2 68.97 337 P 56 36.80 -1.3
 0.9s 4.00nm 4.5mb
 S.D. = 1.1 on 8 of 8 obs.

OCT 14, 1992 07h 56m 20.45±0.21s
 46.476 N ±5.0km 153.618 E ±3.1km
 DEPTH = 41.4km (39 depth phases)
 5.2mb (93 obs.) 4.8msz (34 obs.)

KURIL ISLANDS (221)
 CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 18S, 30C
 Centroid Location:
 Origin Time 07:56:23.6 0.3
 Lat 46.14N 0.06 Lon 153.63E 0.06
 Dep 20.1 2.4 Half-duration 1.0
 Moment Tensor: Scale 10**17 Nm
 Mrr=1.17 0.08 Mtt=-0.93 0.13
 Mff=-0.24 0.06 Mrt=-0.03 0.09
 Mrf=0.68 0.12 Mtf=-0.55 0.04
 Principal Axes:
 T Val= 1.47 Plg=66 Azm=255
 N -0.19 22 54
 P -1.28 8 147
 Best Double Couple: Mo=1.4*10**17
 NP1: Strike=261 Dip=42 Slip= 125
 NP2: 38 57 63

KUR 4.21 255 iPnc+ 57 24.00 0.3
 Z 14s 24.30um
 N 14s 32.40um
 E 14s 21.60um
 iS 58 10.50
 SKR 4.51 21 ePn 57 23.70 -4.3X
 Z 14s 13.40um
 N 14s 10.50um
 E 14s 41.20um
 SHO 5.48 244 iPn 57 37.50 -4.2X
 Z 12s 11.00um
 KUSJ 7.18 245 eP 58 01.10 -4.4X
 eS 59 18.60
 PET 7.31 25 ePn 58 05.00 -2.4
 Z 14s 8.50um
 N 14s 7.70um
 E 14s 8.70um
 YSS 7.51 278 ePnc+ 58 09.70 -0.5
 Z 16s 13.00um
 N 16s 7.40um
 E 16s 11.00um

e 59 35.00
 ASAJ 8.09 257 eP 58 18.60 0.3
 HOOJ 8.45 245 eP 58 20.50 -2.6
 eS 59 53.90
 SAP 9.38 253 eP 58 35.00 -1.0
 MRRJ 9.84 250 eP 58 40.20 -2.1
 eS 00 27.80

14d 07h

AOMJ	11.28	243	P	58	58.10	-3.9X	HHC	30.66	275	Pd	02	33.70	0.5	Z	16s	1.97um	5.1MsZ						
			eS	00	58.60			1.0s	72.00nm				5.4mb	N	16s	1.87um							
OFUJ	11.47	234	eP	59	00.20	-4.3X		Z	18s	3.75um			5.1MsZ			pP	04	15.00	45km				
			eS	00	58.30			N	16s	3.46um						PP	05	46.00					
MGD	13.75	354	ePn	59	30.00	-4.7X		E	20s	2.08um						ScP	09	46.00					
	Z	16s	6.80um							pP	02	39.00	18kmX			PcS	09	49.00					
	N	16s	7.00um							sP	02	44.00		GYA	42.00	258	iPc	04	10.00	0.7			
	E	15s	2.80um							S	07	27.00			1.2s	180.00nm		5.7mb					
			eS	02	08.00		TIY	31.49	269	iPc	02	41.00	0.6		Z	18s	1.48um		4.9MsZ				
NIIJ	14.26	235	P	59	38.00	-3.4X		1.0s	58.00nm				5.3mb		N	16s	1.58um						
KAKJ	14.38	229	P	59	41.90	-1.1		Z	17s	4.07um			5.2MsZ		E	16s	0.76um						
			S	02	08.80			N	17s	2.25um						PP	05	54.00					
SMY	14.66	57	(P)	59	41.90	-4.7X		E	17s	2.17um						S	10	29.40					
CHJJ	15.12	232	P	59	52.00	-0.8	BTO	31.83	275	P	02	42.50	-1.0			SIT	43.29	49	P	04	30.00	10.7X	
			S	02	27.50			N	14s	2.30um						Z	20s	1.23um		4.8MsZ			
MAT	15.20	235	iPd	59	50.20	-3.6X		E	14s	0.98um						WMO	45.35	292	P	04	35.70	-0.5	
	1.7s	142.31nm			4.9mb					PP	03	42.00					0.8s	14.00nm		4.9mb			
	Z	18s	3.09um		4.1MsZ		TTA	32.40	41	eP	02	45.88	-2.2			Z	16s	4.61um		5.5MsZ			
			eS	02	52.00			1.1s	10.92nm				4.6mb			N	15s	2.95um					
MTMJ	15.40	236	P	59	53.30	-3.1X	SVW	32.42	45	(P)	02	48.62	0.3				pP	04	40.00	14kmX			
VLA	15.77	266	eP	00	00.00	-1.1		1.0s	23.43nm				5.0mb				sP	04	43.20				
SEY	16.47	358	eP	00	10.00	0.1	ZAK	33.11	296	eP	02	52.00	-2.3				PP	06	26.50				
	1.8s	80.00nm			4.5mb			1.4s	39.00nm				5.1mb				PcS	10	08.50				
	Z	13s	6.00um		4.2MsZ			Z	16s	8.50um			5.5MsZ				ScS	14	27.50				
MDJ	16.92	272	eP	00	14.30	-1.3		N	16s	2.71um						KMI	45.54	260	Pc	04	38.50	0.4	
	1.5s	210.00nm			5.0mb			E	17s	9.06um							1.8s	90.00nm		5.4mb			
	Z	16s	5.90um		4.8MsZ		IMA	33.83	36	eP	02	59.29	-1.3				Z	18s	1.20um		4.9MsZ		
	N	11s	0.79um					0.7s	5.74nm				4.6mb				N	10s	0.50um				
	E	14s	3.57um				BGL	33.99	44	eP	03	01.77	-0.2				E	10s	0.50um				
			sP	00	26.00			33.99	44	eP	03	01.77	-0.2					sS	11	33.00			
CN2	20.01	273	eP	00	48.00	-4.2X	BRW	34.06	26	eP	03	00.00	-2.3			HON	46.43	106	P	05	00.00	15.2X	
	1.2s	41.00nm			4.6mb		KDC	34.06	51	eP	03	00.50	-1.9				Z	20s	0.71um		4.6MsZ		
	Z	18s	4.50um		4.9MsZ			1.0s	15.42nm				4.9mb				LSA	50.64	274	P	05	20.00	2.0X
	N	14s	2.51um				CRP	34.11	44	eP	03	02.97	-0.1				Z	16s	1.42um		5.1MsZ		
	E	14s	1.59um				SPU	34.15	45	eP	03	02.98	-0.4				N	17s	1.39um				
			eP	00	56.00	30kmX	WHN	34.20	256	eP	03	03.50	-0.5			YKA	50.94	37	eP	05	19.10	-0.1	
			eS	04	28.00			Z	16s	1.91um			4.9MsZ				1.1s	8.90nm		4.7mb			
YAK	20.72	327	eP	00	55.20	-4.2X		E	14s	1.23um						BRVK	51.34	310	iPc	05	20.00	-2.5	
	Z	17s	2.90um		4.7MsZ		MOY	34.24	298	eP	03	02.90	-1.1				1.0s	28.00nm		5.2mb			
	N	16s	4.20um				SLKM	35.06	46	eP	03	09.83	-1.3				Z	18s	2.69um		5.3MsZ		
	E	16s	2.30um				PMS	35.36	44	eP	03	13.70	0.1				N	16s	1.12um				
			i	01	32.00			1.3s	37.80nm				5.2mb				E	18s	1.71um				
SHNJ	21.06	242	eP	01	02.90	-0.2	PMR	35.56	44	eP	03	13.75	-1.4			LOE	51.53	254	eP	05	15.00	-9.3X	
SNY	21.98	269	Pc	01	10.00	-2.3		1.5s	65.20nm				5.3mb			NST	53.83	254	eP	05	44.70	3.3X	
	0.8s	77.00nm			5.2mb			Z	19s	1.07um			4.6MsZ			FRU	54.08	297	eP	05	42.00	-1.1	
	Z	17s	4.25um		4.9MsZ					eP	03	26.12	46km				1.0s	50.00nm		5.5mb			
	N	14s	1.58um				XAN	35.84	266	P	03	18.50	0.5					e	05	53.00	37km		
	E	13s	2.07um					1.5s	93.00nm				5.5mb			KSH	55.11	293	P	05	51.50	0.7	
			pP	01	17.50	27kmX		Z	16s	7.58um			5.6MsZ				Z	20s	4.98um		5.6MsZ		
			S	05	12.00			N	15s	1.39um							N	18s	3.02um				
KUMJ	22.32	239	P	01	17.50	1.7		E	15s	2.03um							E	18s	4.24um				
DL2	24.58	264	eP	01	38.00	0.4	FBA	36.16	38	eP	03	18.95	-1.4			GUN	55.37	276	P	05	52.92	-0.1	
	1.2s	50.00nm			4.9mb			0.8s	13.33nm				4.9mb			ARU	55.45	318	eP	05	50.00	-2.8	
	Z	20s	0.92um		4.3MsZ		TOA	36.93	43	eP	03	26.30	-0.6				1.2s	70.00nm		5.6mb			
	N	14s	1.81um				KLU	37.10	44	eP	03	27.92	-0.4				Z	14s	2.00um		5.3MsZ		
	E	14s	0.91um							eP	03	39.43	41km				E	16s	1.50um				
			S	05	56.00		LZH	38.25	273	Pc	03	39.00	0.7					e	06	03.00	46km		
ILT	25.76	24	iPd+	01	43.00	-5.5X		1.8s	270.00nm				5.8mb			KKN	55.86	276	P	05	58.04	1.6	
	1.6s	182.00nm			5.4mb			Z	16s	1.95um			5.0MsZ			PKI	55.91	276	P	05	56.14	-0.8	
			iS	06	16.00			E	13s	0.55um						DMN	56.09	276	P	05	57.94	-0.2	
BOD	26.34	310	eP	01	52.20	-1.8				pP	03	50.00	39km			GKN	56.17	276	P	05	58.04	-0.5	
	1.5s	79.00nm			5.1mb		UER	38.43	300	iPc	03	35.30	-4.1X			DPW	56.69	54	eP	06	01.68	-0.3	
CIT	26.45	297	eP	01	51.00	-4.2X		1.2s	20.00nm				4.8mb			DAG	56.94	358	iPd	06	01.30	-1.9	
	Z	16s	7.80um		5.3MsZ					e	05	08.00	514kmX				0.6s	26.67nm		5.4mb			
	E	16s	11.20um				BALM	38.86	44	eP	03	41.43	-1.7			NEW	57.07	53	eP	06	04.00	-0.6	
TIK	27.82	343	eP	02	04.00	-3.3X		38.98	329	ePc	03	39.00	-4.9X				1.0s	20.00nm		5.1mb			
	2.0s	61.00nm			4.9mb		NRI	1.5s	26.00nm				4.8mb					eP	06	15.00	37km		
	Z	16s	5.00um		5.2MsZ			Z	18s	5.00um			5.4MsZ			L8FM	58.29	62	eP	06	14.07	0.6	
			S	02	07.00	-0.6		N	18s	1.80um								eP	06	25.28	38km		
BJI	27.82	270	ePc	02	07.00	-0.6		E	18s	1.50um								P	06	20.00	6.4X		
	2.0s	190.00nm			5.4mb					e	05	12.00	514kmX				Z	19s	0.26um		4.4MsZ		
	Z	16s	4.09um		5.1MsZ					eS	09	43.00				SES	59.06	48	ePd	06	17.40	-1.1	
	E	14s	2.62um							e	13	46.00						pP	06	30.00	44km		
TIA	29.02	262	Pd	02	19.20	0.7	GTA	39.36	280	iPc	03	47.00	-0.6				ORV	59.60	63	eP	06	22.22	-0.1
	1.7s	510.00nm			5.9mb			1.5s	100.00nm				5.4mb				SDF	59.65	339	iP	06	21.00	-1.3
	Z	18s	1.46um		4.6MsZ			Z	14s	2.61um			5.2MsZ				NDI	60.80	282	iPc	06	30.50	-0.1
	N	13s	0.72um					N	13s	1.26um								1.0s	70.00nm		5.7mb		
	E	13s	1.27um							pP	03	57.00	34km				LRM	61.08	53	eP	06	32.30	-0.4
			eS	07	08.00					PP	05	20.00					CMB	61.21	64	eP	06	32.37	-1.0
SSE	29.33	250	Pc	02	20.00	-1.3				PcP	05	56.00						1.3s	18.40nm		5.1mb		
	Z	20s	1.40um		4.6MsZ					S	09	46.00						Z	19s	0.43um		4.6MsZ	
	N	14s	0.70um							sS	10	00.00							eP	06	44.64	1.3	
			S	07	14.00					ScS	13												

	1.0s	18.93nm	5.2mb		1.0s	13.54nm	4.9mb		1.0s	14.00nm	4.9mb	
KAF	63.84	335 eP	06 58.14 38km		Z 20s	0.30um	4.6Msz		Z 16s	1.80um	5.5MszX	
	0.9s	35.70nm	5.4mb	MTA	71.82	312 iPc+	07 52.44 44km		N 16s	1.10um		
ISA	63.89	65 P	07 00.00 8.8X		Z 18s	0.50um	4.8Msz		E 16s	0.60um		
ABL	63.94	66 eP	06 52.13 0.4		N 18s	1.50um			e	08 32.40 44km		
DUG	64.43	58 eP	06 54.98 0.2		E 18s	1.00um			e	08 36.40		
	1.1s	21.67nm	5.1mb	ASPA	72.06	199 iPd	07 43.20 1.1		DMU	78.64	348 eP	08 32.20 13.1X
		eP	07 07.30 42km		1.2s	23.50nm	5.0mb		1.0s	58.00nm		
PUL	64.45	332 ePc	06 54.00 -0.3		72.60	309 iPc	07 45.00 -0.4		STK	78.75	190 P	08 26.60 6.7X
	Z 14s	1.10um	5.2MszX		1.6s	110.00nm	5.6mb		STK	78.75	190 eP	08 20.60 0.7
		e	07 35.00 174kmX		Z 16s	1.30um	5.3MszX		GRF	78.81	336 ePc	08 20.80 0.6
TPNV	64.45	63 eP	06 55.52 0.6		N 16s	0.96um			0.9s	47.00nm	5.5mb	
	0.9s	21.72nm	5.2mb		E 16s	1.59um			Z 18s	0.60um	5.0Msz	
BW06	64.62	54 eP	06 55.29 -0.8			eS	17 50.00			e(pP)	08 34.00 45km	
	1.0s	15.83nm	5.0mb	RMO	72.75	185 eP	07 48.00 1.9X		WET	78.83	335 eP	08 20.50 0.2
MOS	64.86	326 eP	06 54.00 -3.1X	SOC	72.96	316 eP	07 40.00 -7.2X		GEC2	78.86	334 e(P)	08 35.40 14.8X
	2.0s	160.00nm	5.7mb		Z 16s	2.00um	5.5MszX			0.7s	5.60nm	
GSC	65.17	64 ePd	07 00.16 0.6		N 16s	1.00um			GEC2	78.86	334 P	08 20.40 -0.2
DAU	65.19	57 ePc	06 59.62 -0.3		E 16s	1.50um				0.8s	6.75nm	4.7mb
		e	07 12.21 43km	ERE	73.08	311 iP+	07 49.00 0.9		GEC2	78.86	334 P	08 29.80 9.2X
NUR	65.60	335 iP	07 00.50 -1.3		1.5s	19.00nm	4.8mb			0.7s	5.36nm	4.6mb
ARUT	65.61	60 eP	07 02.91 0.5	TAB	73.64	308 iP+	07 53.00 1.5		SGKT	78.89	319 eP	08 22.40 1.4
		eP	07 14.28 38km	JFWS	74.53	43 P	08 10.00 13.6X		UYO	79.04	52 iPc	08 21.70 0.0
OBN	65.73	326 eP	07 00.00 -2.7		Z 19s	0.65um	4.9Msz		DLF	79.17	348 eP	08 35.20 13.2X
	1.5s	105.00nm	5.7mb	KIS	75.08	324 eP	07 59.00 -0.4		ENN	79.20	340 eP	08 22.00 -0.2
	Z 16s	1.70um	5.3MszX		Z 16s	0.90um	5.2MszX			1.0s	47.00nm	5.4mb
	N 16s	1.20um				i	08 13.00 49km		DCN	79.23	348 eP	08 34.50 42km
	E 16s	1.40um		OJC	75.73	331 eP	08 03.20 0.1			1.0s	52.00nm	08 35.20 12.9X
		e	07 09.50 30kmX			i	08 04.50 4kmX		MIAR	79.23	51 eP	08 23.02 0.3
		i	07 14.00			i	08 17.30			1.1s	20.05nm	5.0mb
		e	09 24.00	CLI	76.09	325 ePd	08 06.30 1.1		Z 21s	0.25um	4.5Msz	
		e	16 05.00	SHI	76.12	298 eP	08 06.00 0.1			eP	08 34.80 39km	
EMUT	65.84	57 eP	07 03.85 -0.1	KSP	76.30	334 eP	08 05.50 -0.8		ELC	79.37	46 eP	08 22.70 -0.7
		eP	07 16.30 43km			id	08 06.50 3kmX		NAL	79.53	319 eP	08 25.70 1.3
PEC	65.86	66 eP	07 03.71 -0.2			id	08 20.20		OLY	79.61	49 eP	08 23.95 -0.8
	1.2s	14.95nm	4.9mb	EEO	76.40	34 eP	08 09.00 2.1X				eP	08 36.31 41km
MSU	65.89	59 eP	07 04.45 0.1	SPC	76.46	331 eP	08 08.30 0.8		GYN	79.67	319 eP	08 26.00 0.8
		iP	07 16.42 40km	CFR	76.85	324 eP	08 10.00 0.6		SNF	79.82	341 eP	08 39.80 14.2X
PLM	66.40	66 eP	07 08.08 0.5	CLL	76.86	336 iPd	08 09.20 -0.2		RSNY	79.89	33 P	08 40.00 13.9X
		eP	07 19.29 37km		0.9s	52.00nm	5.6mb			Z 20s	0.34um	4.7Msz
SRU	66.47	58 eP	07 07.41 -0.5			i	08 22.30 45km		BHG	80.11	334 eP	08 28.60 1.4
		eP	07 19.55 41km	VR1	76.87	325 ePc	08 10.50 0.9		DOU	80.14	340 Pc	08 28.10 0.8
ULM	66.50	41 eP	07 14.00 6.3X	BRG	76.98	335 eP	08 10.20 0.2				e	08 40.30 41km
RSSD	66.73	50 eP	07 09.26 -0.3		1.2s	42.00nm	5.3mb		WLF	80.17	339 P	08 26.00 -1.4
	1.0s	28.43nm	5.3mb			i	08 23.40 45km				e	08 43.00 61kmX
	Z 21s	0.43um	4.6Msz	CVO	77.13	325 ePd	08 12.90 1.9		FUR	80.18	335 eP	08 28.30 0.7
		eP	07 20.90 39km	TRHT	77.13	316 eP	08 12.70 1.4		DIM	80.52	324 iPc	08 31.00 1.6
ASH	66.89	301 eP	07 08.00 -2.4	SVST	77.21	315 eP	08 13.60 1.9		KBA	80.54	334 i(P)	08 26.50 -3.2X
KAT	67.28	303 eP	07 10.00 -2.8	KART	77.38	318 eP	08 14.80 2.1X			0.9s	65.00nm	5.6mb
	Z 16s	1.40um	5.3MszX	KAS	77.47	318 eP	08 14.00 1.0		PGB	80.65	325 eP	08 29.90 11kmX
	N 16s	1.50um		MLR	77.49	325 ePc	08 04.00 -9.2X		PTJ	80.76	332 iPd	08 31.00 0.2
	E 16s	2.20um		CTK	77.51	317 eP	08 15.20 1.9		ZAG	80.82	331 eP	08 31.00 0.0
MAIO	67.30	299 eP	07 13.00 -0.1	ISR	77.54	325 ePd	08 15.00 1.6		WTTA	80.89	335 iPd	08 32.50 0.9
		eS	16 24.00	VRAC	77.55	333 iPc	08 13.30 0.1			0.9s	54.00nm	5.5mb
AKU	67.99	356 iP	07 17.90 1.1		3.6s	1318.40nm	6.4mb X		MOTA	80.97	335 iPd	08 32.70 0.7
	1.0s	40.00nm	5.4mb	PRU	77.59	334 Pc	08 19.50 6.1X				i	08 45.50 43km
UPP	68.09	338 iP	07 16.70 -0.8		1.0s	14.00nm	4.9mb		VTS	81.00	325 iPc	08 32.00 -0.2
WB2	68.37	200 eP	07 18.90 -0.8		Z 16s	1.80um	5.5MszX		WLS	81.02	338 P	08 31.83 -0.3
	1.2s	4.80nm	4.4mb		N 16s	1.10um			CDF	81.04	338 P	08 32.18 -0.1
WRA	68.37	200 P	07 19.60 -0.1		E 16s	0.60um			RZN	81.15	324 eP	08 34.00 1.0
	0.9s	3.40nm	4.4mb			e	08 32.40 44km		LIBD	81.20	338 P	08 33.39 0.5
NB2	68.60	341 P	07 19.70 -1.1			e	08 36.40		ECH	81.25	338 P	08 32.78 -0.5
	0.8s	36.10nm	5.4mb	PRU	77.59	334 P	08 13.10 -0.3		SLE	81.32	337 P	08 34.59 1.0
HFS	68.84	340 eP	07 21.20 -0.9		Z 18s	1.30um	5.3Msz		FEL	81.34	337 P	08 33.56 -0.3
	0.4s	12.20nm	5.2mb		N 20s	0.90um			VITF	81.55	339 P	08 34.78 0.0
	Z 16s	1167.00um	8.2MszX		E 17s	0.60um			MOF	81.60	338 P	08 34.59 -0.6
		LR	39 19.00			e	08 27.60 51km		ZLA	81.60	337 P	08 35.97 0.8
NAO	68.88	341 P	07 20.29 -2.1	MOX	77.84	336 eP	08 15.30 0.5		MMB	81.64	324 iPd	08 37.00 1.6
GOL	69.02	54 eP	07 23.83 -0.2		1.1s	34.00nm	5.3mb		HAU	81.66	338 eP	08 35.60 0.2
	1.0s	7.39nm	4.6mb			e	08 27.50 40km			0.9s	17.85nm	5.1mb
	Z 20s	0.71um	4.9Msz	WTS	77.85	340 eP	08 15.50 0.7			Z 18s	0.80um	5.1Msz
		eP	07 35.92 41km		1.0s	59.00nm	5.6mb		KKB	81.66	325 iPc	08 37.00 1.5
POO	69.83	276 iPc	07 13.50 -15.4X			e	08 27.50 40km		BSF	81.70	338 eP	08 35.80 0.1
MNK	70.01	329 eP	07 25.00 -4.3X	HOF	78.07	336 eP	08 16.50 0.4			1.1s	23.20nm	5.1mb
GBA	70.77	270 P	07 35.00 0.4	FVM	78.23	47 eP	08 16.96 -0.2		OSS	81.84	336 P	08 38.13 1.6
TUC	70.89	63 eP	07 34.93 -0.3		0.9s	13.36nm	5.0mb		BBS	81.86	338 P	08 36.25 -0.2
	1.1s	10.82nm	4.8mb		Z 19s	0.57um	4.9Msz		LLS	82.00	336 P	08 38.81 1.4
	Z 19s	0.32um	4.6Msz			eP	08 28.98 40km		LMN	82.04	26 eP	08 41.00 3.6X
		eP	07 47.12 41km	COZ	78.26	326 ePd	08 19.50 2.1X		LOMF	82.14	338 P	08 37.99 0.0
		eS	07 55.13	SRO	78.30	331 eP	08 20.00 2.6X		SKO	82.21	326 iP	08 49.80 11.5X
PYA	71.00	314 eP	07 35.00 -0.6	BUD	78.35	330 eP	08 17.70 0.1			Z 17s	0.68um	5.1MszX
	Z 16s	3.00um	5.6MszX	ZST	78.37	332 eP	08 18.30 0.6				LR	48 08.50
ALQ	71.69	58 eP	07 39.72 -0.4	DVR	78.44	319 eP	08 20.00 1.6		VDL	82.22	336 P	08 40.27 1.7
				KHC	78.64	335 Pc	08 19.50 0.2		VAY	82.32	325 iP	08 39.60 0.7

14d 08h

BHL 82.43 312 P 08 38.00 -1.7
 FLN 82.50 343 eP 08 40.10 0.4
 0.9s 24.25nm 5.2mb
 Z 18s 0.63um 5.0msz
 LDF 82.59 343 eP 08 40.40 0.2
 0.6s 5.05nm 4.7mb
 TMA 82.73 336 P 08 42.29 1.1
 HRV 82.74 32 P 08 50.00 9.0X
 Z 19s 0.22um 4.6msz
 HRI 82.88 312 iPd 08 41.40 -0.7
 GRR 82.93 343 eP 08 42.50 0.6
 1.1s 47.60nm 5.5mb
 LOR 82.96 340 eP 08 42.50 0.4
 1.1s 37.35nm 5.4mb
 Z 20s 0.70um 5.0msz
 HVAR 82.99 330 eP 08 41.10 -1.2
 MMK 83.03 337 P 08 48.06 5.2X
 GBTN 83.11 44 eP 08 43.10 0.0
 DIX 83.16 337 P 08 45.00 1.5
 LBF 83.19 340 eP 08 43.70 0.3
 0.8s 13.45nm 5.1mb
 SSF 83.23 340 eP 08 44.10 0.6
 1.1s 22.20nm 5.1mb
 EMS 83.30 337 P 08 45.81 1.7
 LPF 83.31 343 eP 08 44.60 0.7
 1.0s 25.80nm 5.3mb
 AVF 83.52 340 eP 08 45.80 0.8
 1.1s 60.30nm 5.6mb
 SMF 83.54 340 eP 08 45.80 0.7
 1.2s 114.25nm 5.8mb
 BOB 83.79 335 P 08 49.00 2.5X
 SFI 83.84 333 P 08 49.70 3.1X
 LPL 83.86 337 eP 08 48.30 1.3
 0.9s 19.50nm 5.2mb
 BGF 83.86 340 eP 08 47.40 0.7
 LPG 83.87 337 eP 08 48.50 1.3
 1.0s 31.60nm 5.4mb
 MME 83.95 334 P 08 49.10 1.6
 CBN 84.12 38 eP 08 47.00 -1.1
 FIR 84.15 334 eP 08 50.00 1.8
 MAF 84.24 340 eP 08 49.80 1.1
 1.2s 72.60nm 5.7mb
 TCF 84.26 341 eP 08 49.60 0.8
 1.3s 42.25nm 5.4mb
 DSI 84.41 311 eP 08 49.10 -0.6
 LSF 84.46 341 eP 08 50.40 0.7
 MFF 84.49 342 eP 08 50.80 0.9
 0.9s 13.75nm 5.1mb
 SBF 85.20 336 eP 08 53.90 0.3
 1.4s 75.35nm 5.7mb
 PRM 85.28 44 eP 08 54.51 0.5
 CEH 85.30 40 eP 08 53.88 -0.2
 0.6s 9.92nm 5.2mb
 Z 19s 0.40um 4.8msz
 epP 09 06.11 40km
 RJF 85.35 341 eP 08 54.50 0.3
 Z 22s 0.52um 4.9msz
 CAF 85.58 340 eP 08 56.80 1.4
 0.6s 3.95nm 4.8mb
 JSC 85.64 43 eP 08 56.21 0.4
 LHS 85.69 42 eP 08 56.48 0.4
 LRG 85.87 337 eP 08 57.60 0.8
 Z 19s 0.70um 5.1msz
 LFF 85.87 341 eP 08 57.10 0.3
 LMR 85.94 337 eP 08 58.00 0.8
 1.2s 66.95nm 5.7mb
 LPO 86.02 341 eP 08 57.80 0.2
 MBH 86.09 310 eP 08 56.90 -1.4
 SGS 86.89 43 eP 09 03.19 1.2
 HBF 87.17 43 eP 09 02.96 -0.4
 BUL 128.31 281 iPKPc 15 25.80 1.5
 ZOBO 134.16 63 PKP 15 36.20 0.1
 LR 01 18.00
 LPB 134.36 65 PKP 15 36.00 -0.3
 SIV 138.11 55 ePKP 15 44.00 1.1
 BAO 144.35 38 PKPc 15 52.30 -1.7
 e 16 11.10
 BDF 144.42 37 PKPc 15 52.70 -1.4
 e 16 00.10
 e 16 06.90
 e 16 34.60
 PDCR 144.49 22 (PKP) 15 38.00 -16.1X
 RFA 146.36 85 ePKPd 15 57.20 0.4
 NVL 149.53 204 ePKP 16 05.00 4.4X
 1.4s 43.00nm
 e 16 17.00
 S.D. = 1.1 on 226 of 280 obs.

* OCT 14, 1992 09h 40m 24.99±0.69s
 29.728 N ± 5.5km 31.184 E ± 7.8km
 DEPTH = 10.0km (geophysicist)
 3.7mb (1 obs.)

EGYPT (553)
 MD 3.9 (HLW).

HLW 0.19 46 eP 40 35.00 5.8X
 eS 40 39.00
 KOT 0.60 70 eP 40 41.00 4.0X
 SAGI 3.06 80 eP 41 13.50 -0.8
 eS 41 59.30
 MBH 3.21 88 eP 41 16.30 -0.3
 PRNI 3.36 79 eP 41 18.10 -0.5
 HQL 3.40 97 iPd 41 20.80 1.7
 eS 42 16.67
 DSI 4.06 62 eP 41 27.50 -0.9
 AYN 4.29 100 iPd 41 33.33 1.5
 eS 42 42.00
 HRI 5.25 47 eP 41 45.10 -0.5
 CSS 5.53 19 eP 41 52.60 3.3X
 eS 42 56.80
 WAJH 5.93 125 eP 41 55.40 0.5
 AKUR 5.98 166 eP 41 55.00 -0.6
 eS 43 40.00
 ASKD 6.14 170 eP 41 58.00 0.1
 eS 43 41.70
 AGRW 6.23 166 eP 41 59.00 -0.2
 eS 43 44.00
 AKSR 6.28 164 eP 41 58.90 -1.1
 eS 42 41.60
 ELL 7.08 352 ePn 42 13.90 2.6X
 BCK 7.73 356 ePn 42 20.00 -0.3
 YER 7.77 343 ePn 42 20.00 -0.9
 GEC2 23.30 330 P 45 36.00 2.2
 0.7s 1.66nm 3.7mb
 KIC 41.03 243 P 48 15.60 5.4X
 S.D. = 1.1 on 15 of 20 obs.

OCT 14, 1992 09h 41m 22.79±0.35s
 31.820 S ± 6.4km 69.110 W ± 5.8km
 DEPTH = 124.5 ± 4.7 km
 4.1mb (2 obs.)
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 4.3 (SAN).

RTBS 0.33 298 iPd 41 40.90 0.1
 RTCB 0.43 39 iPd 41 41.40 0.2
 S 41 54.50
 ZON 0.46 53 iPd 41 41.50 0.2
 eS 41 54.50
 CFA 0.77 74 iPc 41 43.80 0.3
 S 41 56.00
 MDZ 1.08 168 iP 41 47.10 0.7
 JACH 1.52 235 iP 41 51.86 0.6
 iS 42 13.89
 FCH 1.80 213 iP+ 41 56.06 1.2
 iS 42 21.92
 PEL 1.87 225 iP+ 41 55.49 0.1
 iS 42 20.93
 ROCH 1.98 234 iPd 41 56.55 -0.3
 iS 42 21.71
 SAN 2.09 218 iP 41 58.21 0.1
 iS 42 25.96
 PCH 2.15 213 iP+ 41 59.57 0.7
 iS 42 28.18
 TACH 2.39 220 iP+ 42 01.69 -0.2
 iS 42 31.41
 IHA 2.45 240 eP 42 02.00 -0.7
 iS 42 31.20
 CHCH 2.47 211 iP+ 42 03.36 0.3
 iS 42 34.28
 LCCH 2.65 231 iP+ 42 04.26 -1.0
 iS 42 34.61
 RTPR 2.69 57 iPc 42 05.30 -0.5
 eS 42 33.70
 LNV 2.88 222 iP+ 42 06.58 -1.6
 iS 42 40.73
 MRA 2.95 102 iPc 42 10.70 1.6
 S 42 38.00
 RFA 2.99 170 iPc 42 09.30 -0.5
 TCA 3.89 84 iP 42 20.70 -1.1
 (S) 42 59.00
 CYA 4.42 41 iPc 42 27.10 -1.9
 CCH 14.62 11 eP 44 50.00 4.9X
 ZOBO 15.49 4 P 44 57.70 1.4

1.0s 10.50nm 4.1mb
 SIV 17.37 27 (P) 45 24.00 5.0X
 LIC 71.74 70 P 52 33.60 0.1
 KIC 72.05 70 P 52 35.30 0.0
 ALO 75.12 329 eP 52 53.80 0.8
 0.9s 4.20nm 4.2mb
 GBA 144.41 113 PKP 00 46.00 -0.3
 S.D. = 0.9 on 26 of 28 obs.

& OCT 14, 1992 09h 47m 37.76s
 34.632 N 116.662 W
 DEPTH = 4.6km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

GSC 0.68 350 eP 47 50.65 -0.7
 PEC 0.85 209 iPc 47 53.34 -1.3
 SSK 0.95 244 eP 47 55.31 -1.2
 eS 48 07.91
 PLM 1.29 187 eP 48 01.29 -0.9
 eS 48 17.75
 ISA 1.81 305 eP 48 10.18 0.3
 ABL 2.12 277 eP 48 11.31 -3.2
 GLA 2.19 135 (P) 48 11.81 -3.7
 TPNV 2.34 8 eP 48 16.44 -1.2
 BCH 2.87 282 (P) 48 25.42 0.3
 MSU 5.30 42 (P) 49 03.73 4.0
 10 obs. associated

? OCT 14, 1992 10h 41m 58.29±2.17s
 4.611 S ± 21.7km 133.958 E ± 16.6km
 DEPTH = 33.0km (normal)
 4.7mb (1 obs.)
 IRIAN JAYA REGION, INDONESIA (196)

AAI 5.82 279 ePd 43 24.00 -0.6
 MTN 8.65 199 eP 44 04.30 0.1
 0.3s 142.00nm 6.6mb X
 eS 45 42.00
 KNA 12.19 204 iPd 44 51.80 -0.8
 DIS 16.78 161 eP 45 51.50 -1.0
 CTA 19.49 143 iPc 46 26.20 0.4
 MBL 21.42 219 eP 46 47.50 1.8
 0.4s 12.00nm 4.7mb
 WARB 22.57 197 eP 47 00.00 2.9X
 S.D. = 1.3 on 6 of 7 obs.

? OCT 14, 1992 11h 01m 51.43±6.37s
 40.830 N ± 15.3km 25.282 E ± 50.2km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

ALN 0.58 83 ePd 02 03.40 0.2
 eS 02 06.44
 EZN 1.28 141 ePn 02 15.30 0.1
 EDC 2.02 103 ePn 02 25.00 -1.0
 BNT 2.06 102 ePn 02 26.00 -0.6
 DMK 2.11 61 ePn 02 27.30 0.1
 KCT 2.41 103 ePn 02 32.80 1.2
 S.D. = 1.0 on 6 of 6 obs.

& OCT 14, 1992 11h 40m 18.07s
 56.783 N 154.418 W
 DEPTH = 16.6km
 KODIAK ISLAND REGION (13)
 <AEIC>. ML 3.3 (AEIC).

KDC 1.43 46 eP 40 41.19 -2.0
 SYI 2.13 30 eP 40 51.73 -1.7
 CDD 2.19 11 eP 40 52.96 -1.4
 OPT 2.95 12 eP 41 03.37 -1.6
 CNPM 3.23 30 eP 41 07.61 -1.4
 INW 3.36 11 eP 41 08.56 -2.5
 INE 3.36 12 eP 41 08.63 -2.4
 RED 3.75 13 eP 41 13.52 -3.0
 RS1 3.79 13 eP 41 14.98 -2.2
 RDW 3.80 12 eP 41 14.74 -2.6
 REF 3.82 13 eP 41 15.03 -2.6
 NCT 3.87 11 eP 41 15.24 -2.9
 RDT 3.94 15 eP 41 16.22 -3.0
 SEW 4.23 36 eP 41 22.04 -1.2
 SLKM 4.33 29 eP 41 21.56 -3.1
 MPA 4.56 33 eP 41 26.70 -1.2
 MTU 4.80 45 eP 41 28.58 -2.7
 PTE 4.96 32 eP 41 32.03 -1.5
 KNIM 5.00 42 eP 41 31.60 -2.5
 PMS 5.13 27 eP 41 33.29 -2.7

HIN	5.50	46	eP	41	38.24	-3.0
KNK	5.57	31	eP	41	39.48	-2.7
			eS	42	39.42	
GLI	5.60	40	eP	41	39.09	-3.5
FID	5.73	43	eP	41	40.97	-3.5
GHO	5.74	27	eP	41	42.00	-2.7
CVA	5.89	47	eP	41	43.21	-3.4
SML	5.92	29	eP	41	45.28	-1.9
VLZ	6.04	40	eP	41	46.31	-2.4
SGAM	6.08	48	eP	41	45.78	-3.6
KAJM	6.13	55	eP	41	45.80	-4.3
SCM	6.23	33	eP	41	49.35	-2.2
RAGM	6.24	51	eP	41	47.61	-4.1
HMT	6.40	52	eP	41	49.45	-4.4
KLU	6.43	39	eP	41	51.76	-2.7
SNH	6.96	56	eP	41	56.58	-5.2
GLB	7.18	45	eP	42	01.60	-3.3
TGL	7.22	52	eP	42	01.00	-4.5
WRG	7.28	58	eP	42	00.11	-6.1
YAH	7.53	56	eP	42	04.33	-5.6
BALM	7.56	51	eP	42	05.03	-5.2

40 obs. associated

% OCT 14, 1992 12h 36m 07.83±0.57s
 42.769 N ± 5.2km 19.168 E ± 4.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.3 (TTG).

NKY	0.13	289	iPgd	36	11.52	0.4
			iSg	36	14.44	
TTG	0.35	169	iPgd	36	14.85	-0.1
			iSg	36	20.52	
BRY	0.48	286	iPgd	36	17.25	-0.3
			iSg	36	25.17	
BDV	0.55	208	iPgd	36	18.98	0.1
			iSg	36	26.68	
IVA	0.55	79	iPgc	36	19.05	0.1
			iSg	36	27.98	
PLE	0.58	16	iPgc	36	19.65	-0.1
			iSg	36	28.47	
PVY	0.62	106	iPgc	36	20.28	-0.1
			iSg	36	29.60	

S.D. = 0.3 on 7 of 7 obs.

% OCT 14, 1992 12h 57m 40.68±0.46s
 44.591 N ± 3.7km 7.267 E ± 5.5km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.0 (GEN).

PZZ	0.15	234	P	57	44.29	0.1
			S	57	46.55	
BHB	0.25	359	P	57	46.48	0.5
			S	57	50.07	
STV	0.35	173	P	57	47.98	0.1
			S	57	52.43	
ENR	0.38	163	P	57	48.43	-0.1
			S	57	53.66	
RRL	0.48	314	P	57	50.79	0.4
			S	57	57.21	
ROB	0.52	124	P	57	51.98	0.7
			S	58	00.33	
RSP	0.56	359	P	57	51.41	-0.7
			S	57	59.40	
IMI	0.81	146	P	57	55.81	-0.7
			S	58	07.36	
LSD	0.87	355	P	57	57.35	-0.2
			S	58	09.00	
PCP	0.92	93	P	57	58.34	0.1
			S	58	10.68	

S.D. = 0.5 on 10 of 10 obs.

OCT 14, 1992 15h 08m 42.75±0.42s
 10.824 N ± 7.8km 86.440 W ± 7.7km
 DEPTH = 32.2km (3 depth phases)
 4.5mb (11 obs.) 4.1Msz (12 obs.)
 OFF COAST OF COSTA RICA (77)

JCR	1.63	126	ePc	09	09.50	-0.1
FORC	1.78	101	iPd	09	12.10	0.4
SJS	2.51	110	eP	09	23.90	1.6
LCR2	2.63	114	eP	09	23.32	-0.7
OCR	2.64	122	eP	09	23.30	-0.7
URSC	2.80	110	eP	09	26.67	0.3
BUS	2.93	115	eP	09	28.05	-0.4
ACR	3.88	123	eP	09	41.82	0.1

SDV	15.69	96	eP	12	25.90	2.5
TOV	16.41	92	ePc	12	34.00	1.5
			iPP	12	35.00	
CAR	19.18	89	eP	13	18.00	11.2X
PRM	23.45	9	eP	13	51.47	1.3
JSC	23.82	11	eP	13	54.80	1.0
LHS	24.10	11	ePc	13	57.16	0.7
GBTN	24.81	4	eP	14	03.25	-0.2
OLY	24.99	350	eP	14	03.66	-1.4
CEH	25.83	14	eP	14	12.91	0.0

	0.4s	5.82nm	4.5mb			
Z	19s	0.65um	4.2Msz			
TUL	26.38	343	eP	14	16.70	-1.3
	1.0s	58.70nm	5.2mb			
Z	18s	0.32um	3.9Msz			

			19	25.00		
		LR	26	06.00		
ELC	26.47	355	eP	14	17.08	-1.7
BLA	26.83	11	ePd	14	22.47	0.3
	0.6s	9.88nm	4.6mb			

NAV	26.86	10	eP	14	22.50	0.0
ALQ	30.15	326	ePd	14	52.84	0.5
	0.8s	6.81nm	4.5mb			
Z	22s	0.23um	3.8Msz			

			17	53.22		
		PcP	15	00.55	0.8	
TUC	31.00	317	eP	15	00.55	0.8
	1.0s	6.02nm	4.4mb			
Z	20s	0.58um	4.2Msz			

JFWS	32.14	355	eP	15	07.40	-2.1
	0.8s	40.30nm	5.4mb			
Z	22s	0.22um	3.8Msz			
		pP	15	16.57	32km	
ZOBO	32.46	146	Pc	15	13.00	-0.3

	0.6s	4.67nm	4.6mb			
LPB	32.68	146	(P)	15	21.00	6.1X
CNCB	32.97	146	eP	15	20.00	2.4
GOL	33.31	333	eP	15	20.36	0.3
	0.6s	4.67nm	4.6mb			

HRV	34.14	20	P	15	40.00	13.2X
	0.21s	0.60um	4.3Msz			
Z	21s	0.60um	4.3Msz			
CCH	34.46	144	eP	15	30.00	-0.3
RSNY	35.14	15	eP	15	33.76	-1.7

	0.9s	13.21nm	4.9mb			
Z	19s	0.40um	4.2Msz			
SRU	35.41	327	ePc	15	37.79	-0.3
PLM	35.79	314	ePc	15	42.92	1.6
EMUT	36.07	327	eP	15	44.27	0.5

ARUT	36.16	322	eP	15	42.50	-1.9
EEO	36.24	9	eP	15	46.50	1.8
RSSD	36.50	339	P	16	00.00	12.8X
	0.22s	0.18um	3.8Msz			
Z	22s	0.18um	3.8Msz			

SIV	36.61	136	eP	15	47.00	-1.2
DAU	36.74	328	eP	15	49.99	0.6
TPNV	37.38	319	eP	15	57.06	2.4
	0.3s	1.50nm	4.3mb			
		pP	16	07.67	37km	

ISA	38.14	316	P	16	10.00	9.1X
	0.21s	0.45um	4.3Msz			
Z	21s	0.45um	4.3Msz			
HVU	38.52	328	eP	16	04.71	0.6
HHAI	39.42	330	eP	16	12.22	0.6

LMN	39.49	24	eP	16	14.50	2.5
ULM	40.07	351	eP	16	15.50	-1.2
CMB	40.71	317	P	16	30.00	7.8X
	0.20s	0.33um	4.2Msz			
Z	20s	0.33um	4.2Msz			

LRM	41.34	332	eP	16	28.60	1.1
ORV	42.26	319	ePd	16	37.16	2.3
JAQ	43.71	9	ePd	16	43.70	-2.8
SES	44.35	338	eP	16	51.00	-0.8
VGB	45.33	326	eP	17	00.22	0.6

BAO	46.26	124	e(P)	17	06.00	-1.5
			e	17	14.40	28km
			e	17	23.20	
BDF	46.35	124	Pc	17	08.00	-0.2
			e	17	13.00	17kmX

			e	17	15.90	
			e	17	17.10	
GMW	47.68	327	eP	17	17.39	-0.7
YKA	55.43	345	eP	18	15.50	-0.7
	0.8s	2.50nm	4.3mb			
PMR	67.70	333	P	19	50.00	11.2X
	0.19s	0.25um	4.4Msz			
Z	19s	0.25um	4.4Msz			

FBA	68.31	336	eP	19	38.95	-3.6X
	0.7s	2.10nm	4.3mb			
LIC	80.45	85	P	20	51.20	-2.4
KIC	80.71	85	P	20	52.50	-2.4
WB2	139.73	252	ePKP	28	11.10	1.0

	0.5s	1.10nm				
WRA	139.74	252	PKP	28	08.60	-1.5
	0.6s	0.20nm				
GKN	140.45	12	PKP	28	11.20	-0.2
GUN	140.78	11	PKP	28	12.00	-0.3
KKN	140.79	12	PKP	28	11.80	-0.3
DMN	140.93	12	PKP	28	12.20	-0.2
PKI	141.02	12	PKP	28	11.70	-1.0
MUN	150.33	221	ePKP	28	32.00	4.5X
LOE	150.81	344	ePKP	28	30.00	1.4
GBA	150.93	34	PKP	28	29.00	0.2

S.D. = 1.3 on 60 of 69 obs.

* OCT 14, 1992 15h 24m 57.09±0.81s
 10.761 N ± 13.6km 86.473 W ± 12.7km
 DEPTH = 33.0km (normal)
 4.7mb (3 obs.) 3.9Msz (5 obs.)
 OFF COAST OF COSTA RICA (77)
 MD 4.2 (SJR).

JCR	1.62	124	eP	25	21.56	-2.2
FORC	1.80	99	eP	25	27.00	0.7
SJS	2.52	109	eP	25	38.09	1.4
OCR	2.63	120	eP	25	39.28	1.1
LCR2	2.63	112	eP	25	37.50	-0.9

URSC	2.81	109	eP	25	41.06	0.3
BUS	2.93	114	eP	25	43.43	0.6
ACR	3.87	122	eP	25	56.18	0.3
JSC	23.89	11	ePc	30	09.22	0.5
LHS	24.17	11	eP	30	12.04	0.6

UYO	24.42	344	iPc	30	14.00	0.2
GBTN	24.88	4	eP	30	18.40	0.1
CEH	25.90	14	eP	30	27.59	-0.2
	0.6s	11.74nm	4.7mb			
Z	19s	0.36um	3.9Msz			

JFWS	32.20	355	eP	31	21.96	-2.3
	1.0s	25.01nm	5.1mb			
GOL	33.36	333	(P)	31	33.84	-0.9
HRV	34.20	20	P	32	00.00	18.3X
	0.21s	0.19um	3.8Msz			

RSNY	35.21	15	(P)	31	48.76	-1.5
	0.8s	4.93nm	4.5mb			
Z	20s	0.22um	3.9Msz			
SRU	35.45	327	eP	31	52.66	0.1
ARUT	36.19	323	(P)	31	57.33	-1.5

DAU	36.78	328	eP	32	03.66
-----	-------	-----	----	----	-------

0.3s	26.00nm	5.3mb	KMI	89.69 298 eP	43 42.00	1.2	RDN	0.77 315 eP	37 16.73	-0.7
	S	38 08.70		1.5s	30.00nm	5.0mb		eS	37 28.07	
DSZ	17.80 200 eP	35 13.50 0.6	SRU	91.21 47 ePc	43 46.99	-0.5	NKA	0.80 15 ePc	37 19.23	-1.6
0.3s	67.00nm	5.7mb	DAU	91.42 45 eP	43 49.11	0.5	DFR	0.80 321 eP	37 16.73	-1.1
KHZ	17.95 195 P	35 14.50 0.3	CD2	91.62 303 eP	43 49.60	0.3	OPT	0.86 249 eP	37 17.22	-1.3
0.3s	72.00nm	5.8mb		0.8s	16.00nm	5.1mb		eS	37 29.40	
LTZ	18.61 198 eP	35 20.30 -0.5	GBA	106.70 277 Pd iff	44 49.00	-8.4X	NCT	0.87 313 ePd	37 18.01	-0.6
0.3s	17.00nm	5.1mb	KAF	139.00 341 ePKP	49 57.00	-8.3X	SLKM	0.89 53 ePc	37 18.29	-0.7
MOZ	19.38 196 eP	35 27.60 -0.5	NUR	140.76 341 ePKP	49 58.70	-9.8X		eS	37 31.88	
LMZ	20.39 202 eP	35 36.60 -1.1	UPP	143.19 345 iPKP	50 08.10	-4.6X	AUE	1.07 235 eP	37 20.04	-1.2
BWZ	20.91 200 eP	35 40.70 -1.8	NB2	143.31 351 PKP	50 09.10	-3.9X	AUL	1.08 237 ePd	37 20.72	-0.7
ODZ	21.15 198 eP	35 43.80 -1.0		1.1s	23.70nm		AUP	1.09 236 eP	37 20.75	-0.9
LRCZ	21.56 200 eP	35 46.90 -1.8	NB2	143.31 351 PKP	50 26.60	13.6X	AUH	1.09 237 ePd	37 21.01	-0.7
LSCZ	21.60 200 P	35 47.30 -1.7		0.7s	3.10nm		AUW	1.10 237 ePd	37 21.01	-0.7
TLC	21.76 201 eP	35 49.20 -1.4	HFS	143.76 348 ePKP	50 09.80	-3.9X	AUI	1.10 235 eP	37 20.46	-1.3
BRS	24.30 259 iPd	36 15.00 1.3		0.4s	11.30nm			eS	37 35.67	
0.9s	7.50nm	4.2mb	HRI	147.73 293 ePKP	50 22.60	1.4	SEW	1.12 82 eP	37 21.49	-0.4
	i	36 26.00	JVI	148.15 290 ePKP	50 23.60	1.8		S	37 36.78	
	i	36 33.00	RMN	148.82 288 ePKP	50 25.20	2.2	BKG	1.14 345 eP	37 21.90	-0.5
HNR	24.52 306 eP	36 13.00 -2.7	CSS	149.50 297 ePKP	50 28.00	4.2X	SPU	1.23 351 ePc	37 23.10	-0.4
ARMA	25.41 252 eP	36 26.00 2.3	VRI	150.12 321 ePKP	50 28.50	4.2X	MPA	1.26 65 eP	37 23.49	-0.4
0.8s	19.00nm	4.7mb	OJC	150.60 333 iPKPc	50 30.20	5.3X	CKT	1.26 348 eP	37 23.89	-0.1
RMQ	27.93 261 iPd	36 47.30 1.5	MLR	150.79 321 ePKPc	50 31.00	5.5X	CKL	1.27 345 ePc	37 24.03	-0.2
1.1s	101.00nm	5.2mb	SPC	151.20 332 e(PKP)	50 30.40	4.3X	CKN	1.28 349 eP	37 23.29	-1.0
CNB	28.06 242 eP	36 48.20 1.3		e	17 42.30		PDB	1.29 263 ePc	37 23.13	-1.3
0.8s	11.00nm	4.4mb	KSP	151.40 338 iPKPd	50 32.50	6.4X	CRP	1.32 349 eP	37 24.48	-0.5
CAN	28.35 242 eP	36 50.10 0.7		1.0s	28.00nm		BGL	1.34 345 eP	37 25.25	0.0
BWA	28.64 244 iPd	36 51.00 -0.9		e	50 42.50		CGLM	1.35 353 eP	37 25.06	-0.2
CMS	30.46 250 iPd	37 08.10 0.4		e	52 32.00		SYI	1.42 196 eP	37 25.32	-0.8
0.5s	9.00nm	4.5mb	CLL	152.01 342 iPKP	50 32.90	6.0X	NCG	1.46 350 eP	37 25.50	-1.3
CTA	31.31 272 P	37 16.29 1.3		0.9s	19.00nm		CDD	1.46 225 ePc	37 25.71	-1.0
TOO	31.60 239 iPd	37 18.70 1.3	CLL	152.01 342 iPKP	50 44.70	17.8X		eS	37 44.36	
0.7s	45.00nm	5.1mb		pPKP	52 35.00		SUA	1.56 16 eP	37 28.63	0.4
QLP	31.96 260 iPd	37 21.10 0.7	BRG	152.13 341 iPKP	50 33.30	6.2X	PTE	1.58 54 eP	37 28.07	-0.3
0.3s	52.00nm	5.5mb		1.0s	16.00nm		PMS	1.64 38 P	37 29.70	0.4
STK	34.09 250 iPd	37 39.10 0.8		i	50 45.20		KNIM	2.00 77 eP	37 32.25	-2.0
0.3s	13.20nm	4.9mb	BCAO	152.61 224 iPKPd	50 35.50	6.6X	MTU	2.01 88 eP	37 35.16	0.7
QIS	37.21 269 eP	38 04.20 -0.1		1.1s	17.00nm		SKT	2.01 2 eP	37 34.91	0.4
ASPA	41.65 262 iPd	38 40.40 0.0		ic	50 49.00		KNK	2.14 46 ePc	37 35.52	-0.7
0.2s	41.80nm	5.6mb		id	54 06.50		GHO	2.25 35 eP	37 37.29	-0.6
	i	40 12.50	PRU	152.72 339 ePKP	50 34.70	6.7X	GLI	2.44 66 eP	37 38.19	-2.3
	iS	44 19.80		e	52 38.50		SML	2.45 40 eP	37 40.13	-0.6
WB2	42.13 268 iPd	38 44.80 0.6	GEC2	153.98 339 PKP	50 37.30	7.4X	FID	2.69 71 eP	37 41.02	-3.0
0.6s	37.90nm	5.1mb		0.8s	1.55nm		SCM	2.82 47 eP	37 44.48	-1.5
	iScP	43 33.50					KLU	3.20 59 iPc	37 49.74	-1.7
	eS	44 29.10		S.D. = 1.2 on 74 of 95 obs.			TOA	3.42 49 P	37 53.70	-0.8
WRA	42.14 268 P	38 44.80 0.5						51 obs. associated		
0.6s	8.50nm	4.4mb	% OCT 14, 1992 15h 36m 32.37±1.45s							
WARB	47.62 257 iPd	39 25.70 -1.1	46.577 N ±11.3km	2.037 E ± 8.1km			% OCT 14, 1992 15h 46m 19.38±2.65s			
KNA	48.47 271 iPd	39 32.90 -0.4	DEPTH = 10.0km (geophysicist)				40.399 N ±15.4km	21.484 E ±17.4km		
COOL	51.57 250 iPd	39 54.70 -1.5	FRANCE (538)				DEPTH = 10.0km (geophysicist)			
KLB	54.32 248 iPd	40 14.60 -1.3	ML 1.8 (LDG).				GREECE (364)			
0.4s	19.00nm	4.8mb					MD 3.1 (THE).			
RKG	54.47 244 eP	40 15.70 -1.2	TCF	0.31 157 Pg	36 39.00	0.1				
MEEK	54.57 254 eP	40 16.00 -1.7		Sg	36 42.80		FNA	0.39 348 iPg	46 27.48	0.0
MBL	54.88 261 iPd	40 18.50 -1.4	LSF	0.48 227 Pg	36 42.10	0.0		eSg	46 34.40	
0.3s	11.00nm	4.7mb		Sg	36 47.50		LIT	0.83 111 ePg	46 35.52	0.2
BAL	55.38 249 iPd	40 22.00 -1.3	MAF	0.51 134 Pg	36 42.60	-0.1		eSg	46 48.70	
0.4s	24.00nm	4.9mb		Sg	36 49.00		GRG	0.89 51 ePg	46 36.70	0.2
MUN	55.55 247 iPd	40 23.50 -1.0	BGF	0.56 92 Pg	36 43.80	0.1		eSg	46 51.60	
MRWA	56.27 251 eP	40 28.00 -1.5		Sg	36 51.80		KNT	1.32 54 ePb	46 43.76	0.0
0.4s	8.00nm	4.4mb	AVF	0.93 76 Pg	36 50.10	0.0	SOH	1.48 73 ePb	46 45.80	-0.4
				Sg	37 02.70			S.D. = 0.3 on 5 of 5 obs.		
NANU	58.32 258 iPd	40 43.10 -0.5		S.D. = 0.1 on 5 of 5 obs.						
0.4s	23.00nm	4.9mb								
SPA	64.97 180 iPc	41 27.30 0.7	& OCT 14, 1992 15h 37m 02.36s				* OCT 14, 1992 16h 16m 10.14±2.32s			
0.7s	16.02nm	4.8mb	59.974 N	151.656 W			31.368 S ±30.3km	69.562 W ±14.6km		
MAT	72.84 326 eP	42 12.00 -1.9	DEPTH = 53.7km				DEPTH = 130.0km (geophysicist)			
1.0s	17.00nm	4.5mb	KENAI PENINSULA, ALASKA (14)				SAN JUAN PROVINCE, ARGENTINA (137)			
MAW	76.49 201 P	42 34.90 1.1	<AEIC>. ML 2.6 (AEIC).				MD 3.8 (SAN).			
BCH	82.71 46 eP	43 07.46 0.5								
MDJ	83.22 326 eP	43 09.00 -0.1	HOM	0.32 179 iPd	37 11.71	-0.3	RTCV	1.00 120 iPc	16 33.60	0.2
WHN	83.63 308 eP	43 11.50 0.0		eS	37 19.80			S	16 48.50	
PLM	83.77 49 ePc	43 12.39 0.0	CNPM	0.50 155 iPd	37 13.08	-0.9	JACH	1.58 213 iPd	16 40.21	0.6
ISA	84.05 46 ePc	43 13.46 -0.1		eS	37 22.00			iS	17 02.48	
0.9s	9.35nm	4.4mb	RDT	0.71 328 iPd	37 15.88	-0.7	PEL	2.01 208 iP+	16 44.88	0.2
CN2	84.80 324 Pd	43 16.40 -0.6	INE	0.71 278 eP	37 15.70	-1.0		iS	17 09.54	
1.0s	16.00nm	4.6mb		S	37 26.09		ROCH	2.02 217 iPd	16 45.06	0.1
	pP	45 10.50 517kmX	RED	0.71 309 ePd	37 15.88	-0.8		iS	17 09.84	
TIA	84.97 314 Pd	43 18.10 0.1		eS	37 26.98		FCH	2.05 197 iP+	16 46.28	0.8
BONR	85.52 44 eP	43 20.76 -0.3	REF	0.73 315 iPd	37 16.34	-0.7		iS	17 12.31	
TUC	87.45 53 eP	43 30.72 0.6		eS	37 27.44		PCH	2.39 199 iPd	16 49.58	0.1
1.2s	17.98nm	4.7mb	RS1	0.74 312 ePd	37 16.42	-0.6		iS	17 18.75	
ARUT	88.57 47 eP	43 36.06 0.7	RSO	0.74 312 ePd	37 16.39	-0.7	TACH	2.56 207 iPd	16 51.24	-0.4
Tiy	88.92 313 Pc	43 37.20 0.4	RS2	0.74 312 ePd	37 16.43	-0.6		iS	17 21.65	
RMW	89.36 35 eP	43 38.36 -0.2	INW	0.75 278 eP	37 15.93	-1.2	LCCH	2.70 218 iPd	16 53.55	0.1
XAN	89.38 308 P	43 38.10 -0.9		eS	37 26.91			iS	17 24.58	
0.9s	12.00nm	4.8mb	RDW	0.77 312 ePd	37 16.74	-0.7	CHCH	2.72 199 iPd	16 53.71	0.0

LNV 3.01 211 iS 17 25.52
 MRA 3.44 109 ePc 17 03.00 -0.2
 TCA 4.25 91 iP 17 14.10 -0.1
 (S) 17 59.50
 S.D. = 0.6 on 12 of 12 obs.

% OCT 14, 1992 17h 07m 11.48±3.40s
 37.506 S ±12.2km 177.599 E ±14.5km
 DEPTH = 101.9 ± 41.5 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 0.57 100 P 07 28.40 0.3
 URZ 0.85 207 Pc 07 30.20 -0.5
 S 07 44.60
 TAZ 1.13 230 eP 07 34.10 0.4
 NOZ 1.16 163 P 07 33.90 -0.2
 PATZ 1.37 230 eP 07 36.80 0.1
 WLZ 1.63 257 P 07 39.90 0.1
 eS 08 01.00
 KUZ 1.68 296 Pc 07 40.20 -0.3
 MOZ 2.42 245 P 07 50.40 0.2
 S.D. = 0.4 on 8 of 8 obs.

* OCT 14, 1992 17h 08m 06.99±0.47s
 12.669 N ±10.8km 44.358 W ±13.3km
 DEPTH = 10.0km (geophysicist)
 4.8mb (4 obs.)
 NORTHERN MID-ATLANTIC RIDGE (403)

PDCR 25.57 168 eP 13 38.20 0.3
 SIV 32.93 211 P 14 43.60 -0.3
 ZOBO 37.15 220 iPc 15 19.90 -0.9
 1.0s 10.00nm 4.5mb
 Z 24s 0.35um 4.1mszx

LPB 37.32 220 P 15 24.00 2.1
 CNCB 37.46 219 P 15 23.00 -0.2
 MFF 50.20 39 eP 17 05.70 0.8
 1.1s 14.40nm 4.8mb
 LPF 50.35 37 eP 17 06.70 0.7
 0.9s 20.00nm 5.1mb
 TCF 51.52 40 eP 17 15.80 0.8
 AVF 52.44 40 eP 17 22.20 0.2
 HAU 54.79 39 eP 17 39.00 -0.4
 KHC 59.69 40 eP 18 14.20 0.1
 e 18 26.50
 CLL 60.00 38 eP 18 16.00 0.0
 PRU 60.54 39 eP 18 14.20 -5.6X
 e 18 26.50
 PV10 62.43 307 (P) 18 33.50 0.4
 BAO 62.60 92 ePc 18 32.50 -1.8
 1.1s 6.00nm 4.7mb
 id 23 47.80
 SES 65.50 320 eP 18 51.00 -1.7
 S.D. = 1.1 on 15 of 16 obs.

% OCT 14, 1992 17h 12m 07.07±1.23s
 41.287 N ±12.2km 13.996 E ± 9.5km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN ITALY (390)

DUI 0.51 43 P 12 16.40 -1.0
 eSg 12 22.00
 RMP 1.10 299 P 12 26.00 -1.8
 AQU 1.15 338 P 12 29.50 0.8
 eSg 12 45.30
 SGO 1.23 126 P 12 30.30 0.3
 MNS 1.47 319 P 12 34.10 0.4
 ASS 2.04 331 P 12 43.10 1.2
 S.D. = 1.5 on 6 of 6 obs.

? OCT 14, 1992 17h 19m 50.02±6.48s
 35.663 S ±53.7km 70.652 W ±27.1km
 DEPTH = 33.0km (normal)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.6 (SAN).

CHCH 1.73 360 iP 20 16.33 -1.9
 iS 20 35.61
 LNV 1.81 340 iPd 20 18.91 -0.5
 iS 20 39.53
 RFA 2.00 64 ePd 20 22.20 0.0
 (S) 20 43.50

TACH 2.02 353 iPd 20 21.53 -0.9
 iS 20 43.88
 PCH 2.04 3 iPd 20 21.78 -1.0
 iS 20 44.38
 LCCH 2.31 341 iPd 20 26.99 0.5
 iS 20 53.77
 FCH 2.35 7 iP+ 20 27.36 0.0
 iS 20 54.04
 PEL 2.51 359 (P) 20 31.42 1.9
 iS 20 58.52
 ROCH 2.70 354 iP 20 32.83 0.6
 iS 21 04.37
 JACH 2.97 1 iPd 20 37.42 1.3
 iS 21 11.40
 S.D. = 1.3 on 10 of 10 obs.

? OCT 14, 1992 21h 13m 43.56±2.76s
 14.779 N ±23.9km 60.792 W ±28.4km
 DEPTH = 33.0km (normal)
 WINDWARD ISLANDS (95)
 ML 2.3 (FDF).

CRM 0.12 258 eP 13 49.53 0.0
 S 13 55.40
 MVM 0.24 204 eP 13 50.57 -0.1
 S 13 57.50
 FDF 0.35 263 eP 13 51.93 -0.1
 S 13 59.40
 BIM 0.38 226 eP 13 52.46 0.1
 S 14 00.20
 S.D. = 0.2 on 4 of 4 obs.

& OCT 14, 1992 22h 08m 47.60s
 39.750 N 122.093 W
 DEPTH = 17.0km
 NORTHERN CALIFORNIA (36)
 <BRK>. ML 2.9 (BRK), 3.5 (GS).
 Felt (III) at Durham, Paradise,
 Tehomo and Vina. Also felt at
 Chico, Hamilton City, Los
 Molinos, Magalia, Orland and Red
 Bluff.

ORV 0.50 113 iPd 08 57.16 -0.4
 eS 09 03.51
 MIN 0.70 32 eP 09 00.95 -0.2
 WDC 0.90 338 ePd 09 02.14 -2.2
 LBFM 1.60 5 iPd 09 14.11 -1.3
 FOX 1.65 298 eP 09 15.61 -0.3
 FHC 1.79 307 eP 09 17.30 -0.7
 ZSP 1.81 184 eP 09 17.44 -0.8
 BKS 1.87 183 eP 09 17.12 -2.1
 CMB 2.17 142 ePd 09 22.22 -1.3
 ARN 2.44 169 ePn 09 24.98 -2.3
 SAO 3.02 170 eP 09 32.73 -2.8
 KVN 3.17 101 (Pn) 09 37.22 -0.7
 MEMM 3.23 129 ePn 09 38.54 0.1
 FRI 3.33 145 ePd 09 38.60 -1.4
 BONR 3.46 120 ePn 09 40.90 -1.2
 ePg 09 50.75
 TNP 4.15 112 ePn 09 50.94 -0.9
 BCH 4.83 160 ePn 09 59.38 -2.0
 17 obs. associated

OCT 14, 1992 22h 44m 59.46±0.44s
 74.647 N ±11.1km 69.469 W ± 7.1km
 DEPTH = 10.0km (geophysicist)
 4.5mb (8 obs.)

BAFFIN BAY (681)
 DAG 12.36 56 iPc 47 52.90 -5.1X
 0.4s 120.34nm 6.5mb X
 iPP 50 02.50
 FCC 18.41 223 eP 49 26.50 10.7X
 YKA 19.79 256 eP 49 29.50 -2.7
 0.5s 8.90nm 4.3mb
 JAO 21.08 190 eP 49 44.00 -1.7
 ULM 26.85 219 eP 50 52.50 11.1X
 IMA 27.00 297 eP 50 43.74 0.8
 0.9s 4.49nm 4.2mb
 SES 29.76 239 P 51 08.00 0.2
 1.1s 2.80nm 4.0mb
 LRM 34.38 238 eP 51 50.30 1.8X
 GOL 38.76 226 (P) 52 26.20 0.6
 0.7s 12.55nm 4.7mb
 DUG 39.82 235 eP 52 35.35 1.1
 CDF 40.58 85 eP 52 39.10 -1.2

LHS 40.63 194 eP 52 41.37 0.7
 OLY 40.64 208 eP 52 40.32 -0.4
 HAU 40.71 87 eP 52 40.80 -0.5
 KSP 40.72 76 eP 52 42.00 0.7
 SSF 40.82 90 eP 52 42.90 0.7
 JSC 40.86 195 eP 52 43.33 0.8
 e 52 50.86
 BSF 40.99 86 eP 52 42.30 -1.3
 LBF 41.02 89 eP 52 44.40 0.6
 1.2s 15.75nm 4.6mb
 AVF 41.03 90 eP 52 44.30 0.4
 PRU 41.05 78 eP 52 48.50 4.5X
 SMF 41.30 90 eP 52 46.40 0.3
 KHC 41.59 79 eP 53 05.00 16.5X
 e 53 21.40

GEC2 41.88 79 P 52 50.40 -0.6
 0.8s 0.60nm 3.4mb X
 SPC 43.26 73 eP 53 02.40 0.1
 ALQ 43.58 226 eP 53 05.97 0.9
 1.0s 2.55nm 4.0mb
 BJI 65.54 355 eP 55 44.50 -0.1
 1.2s 16.00nm 5.1mb
 BAO 85.22 91 iPc 57 37.20 0.1
 1.2s 21.00nm 5.2mb
 id 57 46.00
 SIV 90.59 172 eP 58 04.00 1.4
 ZOBO 90.74 179 P 58 03.00 -1.0
 S.D. = 1.1 on 24 of 30 obs.

& OCT 14, 1992 23h 09m 41.13s
 34.499 N 116.512 W
 DEPTH = 7.7km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PEC 0.81 222 eP 09 55.76 -1.3
 GSC 0.84 343 eP 09 56.57 -1.0
 eS 10 08.75
 SSK 1.02 254 eP 09 59.62 -1.1
 PLM 1.18 194 ePg 10 02.51 -1.0
 GLA 2.01 135 ePn 10 13.24 -2.6
 ePg 10 18.05
 ABL 2.26 280 eP 10 17.10 -2.5
 6 obs. associated

? OCT 14, 1992 23h 25m 00.36±11.56s
 41.886 N ±77.5km 23.328 E ±24.8km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)
 ML 1.8 (SKO).

KNT 0.79 204 ePg 25 15.20 -0.6
 eSg 25 27.00
 SRS 0.79 165 ePg 25 15.60 -0.2
 eSg 25 28.50
 VAY 0.80 225 iPg 25 16.00 0.1
 iSg 25 26.30
 SOH 1.06 179 iPg 25 20.52 0.1
 GRG 1.16 217 ePg 25 22.08 0.0
 eSg 25 37.36
 THE 1.28 192 ePb 25 24.80 0.7
 S.D. = 0.5 on 6 of 6 obs.

OCT 15, 1992 00h 42m 13.68±0.61s
 40.339 N ± 5.9km 142.282 E ±11.3km
 DEPTH = 67.7 ± 10.1 km
 3.7mb (2 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ 1.34 201 iP+ 42 36.60 -0.3
 S 42 54.60
 AOMJ 1.47 279 P 42 38.20 -0.4
 S 42 56.20
 HOOJ 2.18 20 P 42 49.50 1.2
 eS 43 16.00
 MRRJ 2.27 337 eP 42 49.00 -0.6
 eS 43 16.50
 YAMJ 2.78 220 P 42 56.80 0.1
 eS 43 31.00
 KUSJ 3.30 33 P 43 03.30 -0.7
 eS 43 39.70
 ASAJ 3.79 4 P 43 11.00 0.2
 NIJJ 4.02 221 P 43 15.30 1.2
 KAKJ 4.45 203 P 43 18.80 -1.4
 S 44 09.50
 MAT 4.96 221 iPc 43 28.00 0.6
 1.1s 40.51nm

15d 00h

CHJJ 5.01 212 P 44 39.00 0.1
WRA 60.42 189 P 52 18.40 0.1
0.8s 0.20nm 3.3mb
NB2 71.41 337 P 53 28.00 -0.1
0.8s 1.90nm 4.1mb
S.D. = 0.8 on 13 of 13 obs.

% OCT 15, 1992 00h 43m 29.26±1.58s
29.910 S ±10.3km 67.177 W ± 8.0km
DEPTH = 125.1 ± 24.7 km
LA RIOJA PROVINCE, ARGENTINA (138)

RTPR 0.70 124 iPd 43 49.40 0.1
eS 44 03.10
RTLL 1.80 218 ePd 44 00.50 -0.5
S 44 25.00
CYA 1.90 40 iPd 44 02.20 0.0
CFA 1.92 208 eP 44 02.70 0.2
S 44 26.70
RTCB 2.10 221 iPd 44 05.20 0.4
S 44 31.20
RTCV 2.27 211 ePd 44 06.60 -0.3
S 44 34.50
RTBS 2.62 228 eP 44 11.50 0.1
S 44 44.00
TCA 2.65 123 iPd 44 11.50 -0.3
(S) 44 39.50
i 44 56.10
MRA 2.79 154 ePc 44 13.90 0.3
S.D. = 0.4 on 9 of 9 obs.

* OCT 15, 1992 00h 56m 33.67±0.97s
6.818 N ±13.1km 76.555 W ±12.1km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.) 3.6Msz (1 obs.)
NORTHERN COLOMBIA (99)

BOG 3.30 131 eP 57 35.50 8.7X
iS 58 20.00
BMG 3.46 86 iPd 57 33.00 4.2X
SDV 6.22 70 ePnc 58 09.50 1.6
iSn 59 20.70
TOV 7.31 66 ePnd 58 23.90 0.7
iPP 58 25.10
iSn 59 41.40
CEOS 8.43 74 eP 58 38.00 -1.0
eS 00 08.80
GUAN 11.23 73 eP 59 15.60 -1.9
ZOBO 24.42 160 eP 01 59.00 4.6X
Z 20s 0.20um 3.6Msz
LR 10 06.00
LPB 24.66 160 eP 02 01.00 4.5X
CCH 26.15 157 P 02 10.30 -0.1
H8F 26.23 353 eP 02 09.95 -0.6
SIV 27.36 146 eP 02 20.00 -1.2
FVM 33.48 340 eP 03 14.69 -0.6
KIC 71.28 86 P 07 58.00 2.1
GEC2 85.09 42 P 09 14.50 3.3X
0.9s 1.70nm 4.3mb
GBA 147.16 52 PKP 16 22.00 4.6X
WRA 147.31 243 PKP 16 18.50 0.9
0.7s 0.20nm
S.D. = 1.4 on 10 of 16 obs.

OCT 15, 1992 01h 49m 36.43±0.42s
38.717 N ± 4.6km 118.677 W ± 3.8km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
MD 3.4 (GM).

KVN 0.56 53 ePc 49 47.92 0.2
BONR 0.82 159 iPd 49 52.97 0.0
MEMM 1.07 191 iPd 49 56.74 -0.3
TNP 1.31 118 iPd 50 01.47 0.2
CMB 1.51 244 eP 50 02.74 -1.4
ORV 2.35 292 eP 50 16.48 0.2
TPNV 2.61 132 ePn 50 20.26 0.1
ePg 50 25.67
ARN 2.64 240 ePn 50 21.92 1.5
ISA 3.05 177 (Pn) 50 26.96 0.6
ePg 50 31.76
NTYM 3.14 265 (Pn) 50 27.94 0.5
PHAM 3.19 206 (Pn) 50 26.45 -1.7
ePg 50 34.87
LBFM 3.60 318 (P) 50 34.28 0.0
GSC 3.72 156 (Pn) 50 36.64 0.7

ARUT 4.23 101 ePn 50 41.91 -1.2
DUG 4.77 70 eP 50 49.86 -1.0
PEC 4.97 165 (P) 50 54.05 0.5
HVV 5.45 54 (P) 50 56.83 -3.7X
PLM 5.55 164 (P) 51 08.13 6.2X
DAU 5.98 71 (P) 51 08.91 0.9
EMUT 6.20 77 (P) 51 10.46 -0.6
SRU 6.37 84 eP 51 14.23 0.7
S.D. = 0.9 on 19 of 21 obs.

? OCT 15, 1992 02h 30m 33.82±6.93s
31.688 S ±22.1km 69.690 W ±51.7km
DEPTH = 130.8 ± 41.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTBS 0.20 83 iPd 30 51.00 -1.2
RTCB 0.79 75 iPd 30 54.80 -0.5
S 31 11.00
ZON 0.87 81 eP 30 56.30 0.3
eS 31 14.30
RTCV 1.00 100 iPd 30 51.20 -5.9X
S 31 13.20
RTLL 1.10 71 iPd 30 58.70 0.6
S 31 17.30
CFA 1.24 87 ePc 30 59.90 0.4
S 31 19.00
MDZ 1.39 149 eP 31 02.30 1.1
iS 31 18.50
RTPR 3.06 64 eP 31 23.30 1.5
MRA 3.46 103 ePd 31 26.30 -0.8
TCA 4.37 87 eP 31 38.10 -1.4
i 32 27.10
S.D. = 1.3 on 9 of 10 obs.

OCT 15, 1992 02h 42m 06.36±0.27s
39.212 N ± 5.2km 72.798 E ± 4.1km
DEPTH = 15.7km (2 depth phases)
4.6mb (30 obs.)
KYRGYZSTAN (716)

FRG 1.41 327 ePg 42 29.80 -1.5
i 42 47.50
FRU 3.87 20 ePn 43 08.00 1.5
e 43 19.00
i 43 27.60
iS 43 56.20
i 44 06.00
AAA 5.12 36 ePn 43 29.50 5.2X
TLG 5.32 39 ePn 43 27.00 -0.2
eS 44 26.00
i 44 46.00
PRZ 5.36 51 ePn 43 27.00 -0.8
iS 44 51.00
MAIO 10.93 259 eP 44 44.00 -1.2
eS 46 42.00
NDI 11.12 159 eP 44 51.50 3.8X
BRVK 13.96 354 eP 45 22.00 -3.5X
1.0s 14.00nm 4.7mb
eS 47 56.00

GKN 14.89 135 P 45 37.34 -0.7
KKN 15.41 134 P 45 43.90 -1.1
DMN 15.46 135 P 45 45.34 -0.2
PKI 15.66 134 P 45 49.20 1.0
GUN 15.66 132 P 45 48.18 -0.1
ARU 19.59 336 eP 46 37.00 0.4
GRO 20.75 290 eP 46 47.00 -1.8
Z 16s 0.50um 4.0MszX
N 12s 1.00um
E 16s 1.00um

ZAK 24.17 52 eP 47 23.50 0.9
0.9s 11.00nm 4.4mb
GBA 25.83 170 P 47 44.00 5.3X
BOD 32.46 41 eP 48 36.30 -1.4
0.8s 8.00nm 4.7mb
OJC 38.47 304 ePd 49 29.70 0.6
HFS 41.86 320 eP 49 56.30 -0.6
0.5s 6.30nm 4.6mb
PRU 41.86 305 P 49 58.40 1.4
BRG 42.12 306 iP 50 00.30 1.2
GEC2 42.59 303 P 50 04.20 1.1
0.6s 5.00nm 4.4mb
KHC 42.62 304 eP 50 04.50 1.2
e 50 08.50 13km
CLL 42.65 307 iPd 50 03.70 0.2
0.6s 9.00nm 4.7mb
NB2 43.12 321 P 50 06.50 -0.7
0.8s 4.70nm 4.3mb

GRF 44.03 305 iPd 50 16.50 1.7
0.8s 12.00nm 4.8mb
BSF 47.30 303 eP 50 40.90 0.0
0.6s 4.05nm 4.7mb
LPG 47.98 300 eP 50 46.60 0.1
0.6s 7.60nm 4.9mb
LPL 47.99 300 eP 50 47.00 0.5
0.5s 5.30nm 4.9mb
SBF 48.01 298 eP 50 47.10 0.6
0.8s 17.35nm 5.2mb
FRF 48.65 298 eP 50 52.20 0.9
LOR 49.37 303 eP 50 56.20 -0.6
0.7s 4.65nm 4.6mb
LBF 49.38 303 eP 50 56.30 -0.6
0.6s 2.25nm 4.4mb
SMF 49.57 302 eP 50 58.00 -0.4
0.5s 3.20nm 4.6mb
SSF 49.66 303 eP 50 58.60 -0.5
0.7s 4.85nm 4.6mb
AVF 49.84 303 eP 51 00.30 -0.1
0.8s 11.95nm 4.9mb
BGF 50.25 303 eP 51 03.20 -0.4
0.7s 4.65nm 4.6mb
MAF 50.54 302 eP 51 06.00 0.2
0.7s 7.60nm 4.8mb
TCF 50.75 302 eP 51 07.50 0.1
0.8s 6.45nm 4.6mb
LSF 51.21 303 eP 51 10.50 -0.4
0.6s 3.95nm 4.5mb
CAF 51.30 301 eP 51 12.00 0.4
0.8s 4.45nm 4.4mb
LDF 51.51 306 eP 51 11.90 -1.2
0.5s 3.45nm 4.5mb
RJF 51.54 301 eP 51 13.90 0.5
LPO 51.97 301 eP 51 16.80 0.1
0.7s 3.10nm 4.3mb
GRR 52.04 306 eP 51 16.50 -0.6
LFF 52.18 301 eP 51 18.50 0.3
0.7s 10.15nm 4.9mb
BCAO 59.95 249 iPc 52 14.00 -0.4
1.0s 10.00nm 4.9mb
IMA 69.11 18 eP 53 12.56 -0.9
0.6s 1.41nm 4.3mb
FBA 71.47 17 ePc 53 26.06 -1.5
0.6s 2.69nm 4.5mb
e 53 31.66 18km
BALM 76.07 17 (P) 53 53.73 -0.8
YKA 78.47 4 eP 54 08.60 1.0
0.8s 1.90nm 4.2mb
WRA 82.25 123 P 54 29.90 1.5
0.6s 0.30nm 3.6mb X
WB2 82.26 123 eP 54 29.70 1.3
0.9s 1.30nm 4.0mb
S.D. = 0.9 on 50 of 54 obs.

OCT 15, 1992 04h 13m 39.21±0.57s
44.935 N ± 3.2km 6.719 E ± 5.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG), 2.3 (GEN).

RRL 0.05 108 P 13 41.30 -0.3
S 13 43.25
BHB 0.40 103 P 13 47.38 0.0
S 13 54.05
RSP 0.44 60 P 13 48.99 0.8
S 13 57.13
PZZ 0.51 147 P 13 48.69 -0.9
S 13 56.49
LPG 0.56 2 Pg 13 50.40 -0.4
Sg 13 58.80
LPL 0.58 1 Pg 13 50.90 -0.2
Sg 14 00.20
LSD 0.61 30 P 13 51.35 -0.3
S 14 00.79
STV 0.82 148 P 13 53.79 -1.3
S 14 05.81
ENR 0.87 144 P 13 55.33 -0.6
S 14 07.77
ROB 1.04 127 P 13 59.56 0.6
S 14 14.18
SBF 1.19 154 Pg 14 02.20 0.8
Sg 14 17.70
FIN 1.29 124 P 14 02.77 -0.3
FRF 1.38 182 Pg 14 04.70 0.3
Sg 14 21.50
LRG 1.50 190 Pg 14 06.40 0.2

LMR 1.61 185 Sg 14 26.50
Pg 14 08.00 0.3
Sg 14 28.40
S.D. = 0.7 on 15 of 15 obs.

* OCT 15, 1992 05h 09m 07.00 ± 2.05s
33.459 S ± 12.7km 70.540 W ± 10.2km
DEPTH = 93.8 ± 24.6 km
CHILE-ARGENTINA BORDER REGION (127)
MD 4.0 (SAN).

SAN 0.10 273 iPd 09 20.50 0.0
iS 09 30.60
PEL 0.34 339 iPd 09 21.60 0.3
iS 09 31.50
JACH 0.78 357 iPc 09 24.60 -0.4
iS 09 38.10
LCCH 0.86 269 iPc 09 25.90 0.2
iS 09 39.80
LNV 0.88 235 iPc 09 25.50 -0.4
iS 09 27.60 0.2
IHA 1.02 295 eP 09 28.10
iS 09 43.50
RFA 2.16 128 iPc 09 42.20 0.1
S.D. = 0.4 on 7 of 7 obs.

* OCT 15, 1992 05h 15m 06.42 ± 1.31s
31.149 S ± 9.0km 68.558 W ± 10.2km
DEPTH = 102.1 ± 14.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.20 157 iPc 15 21.30 -0.1
RTCB 0.39 212 iPd 15 22.00 -0.1
S 15 33.60
ZON 0.41 195 iPd 15 22.20 0.1
eS 15 34.20
CFA 0.53 149 iPc 15 23.00 0.1
RTCV 0.71 179 iPd 15 24.00 -0.4
S 15 36.70
RTBS 0.92 236 iPd 15 26.40 0.0
MDZ 1.75 188 iP 15 36.70 0.3
iS 15 56.10
RTPR 1.95 65 iPc 15 39.70 0.8
eS 16 05.00
MRA 2.73 118 ePd 15 49.30 0.0
S 16 21.00
TCA 3.40 94 iP 15 58.20 -0.4
(S) 16 36.10
CYA 3.61 42 eP 16 01.00 -0.4
S 16 43.00
S.D. = 0.4 on 11 of 11 obs.

OCT 15, 1992 05h 24m 15.83 ± 0.82s
24.988 S ± 5.8km 179.833 W ± 7.3km
DEPTH = 502.0 ± 10.6 km
4.7mb (20 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN 7.13 347 ePd 26 02.40 -2.0
MBU 8.09 350 eP 26 14.10 -0.3
WCZ 12.01 203 P 26 58.20 2.7
KUZ 12.33 197 P 26 59.60 0.8
DZM 12.92 280 iPd 27 06.90 1.8
AFI 13.38 36 P 27 03.00 -6.9X
eS 29 16.00
URZ 13.48 190 eP 27 08.50 -2.3
PGZ 15.92 191 eP 27 35.00 -0.4
MTW 16.59 192 eP 27 42.10 0.1
CAW 16.63 194 eP 27 42.70 0.3
BLW 16.80 192 eP 27 44.40 0.3
MRW 16.83 194 eP 27 44.80 0.5
TCW 16.91 195 eP 27 43.90 -1.2
ORZ 17.04 200 eP 27 47.30 0.9
THZ 17.78 198 eP 27 54.90 1.2
DSZ 18.10 201 eP 27 57.90 1.2
KHZ 18.23 196 eP 27 58.70 0.8
LTZ 18.90 198 eP 28 04.20 -0.4
LMZ 20.70 203 eP 28 20.90 -0.6
LRCZ 21.86 201 eP 28 30.40 -2.0
MMCZ 21.88 201 eP 28 30.80 -1.7
MHZ 21.88 201 eP 28 31.10 -1.4
SBZC 21.90 201 eP 28 31.00 -1.6
TLC 22.07 201 eP 28 32.60 -1.6
ARMA 25.80 251 iPc 29 09.90 1.9
0.6s 14.00nm 4.7mb
RMO 28.30 260 iPc 29 31.30 1.5
0.8s 40.00nm 5.0mb

CNB 28.45 242 eP 29 33.00 1.9
0.6s 9.00nm 4.5mb
CMS 30.85 250 iPc 29 52.60 0.9
0.5s 11.00nm 4.6mb
CTA 31.65 272 iPd 29 59.00 0.4
i 30 05.00
e 30 21.50
TOO 32.00 239 iPc 30 03.00 1.5
0.8s 47.00nm 5.1mb
QLP 32.33 259 iPd 30 05.10 0.8
0.4s 54.00nm 5.4mb
BFD 34.22 240 iPc 30 21.60 1.5
0.9s 14.00nm 4.5mb
STK 34.48 250 eP 30 23.10 0.8
0.4s 13.60nm 4.8mb
QIS 37.56 268 iPc 30 48.00 0.1
ASPA 42.02 262 iPd 31 24.10 0.1
0.5s 32.20nm 5.1mb
eS 37 05.60
WB2 42.48 267 eP 31 26.10 -1.6
0.4s 30.20nm 5.2mb
iScP 37 07.50
WRA 42.49 267 P 31 27.39 -0.4
eS 37 07.50
WARB 48.00 256 eP 32 09.00 -1.3
0.3s 7.00nm 4.6mb
COOL 51.97 249 eP 32 38.50 -1.2
KLB 54.71 248 eP 32 58.50 -0.7
0.3s 13.00nm 4.7mb
MBL 55.25 261 eP 33 02.00 -1.1
0.4s 9.00nm 4.5mb
BAL 55.78 249 eP 33 05.50 -1.1
0.4s 20.00nm 4.8mb
MUN 55.95 247 eP 33 07.00 -0.8
NANU 58.70 258 eP 33 26.50 -0.2
PLM 83.38 49 eP 35 51.20 0.3
e 38 22.55
PEC 83.49 48 ePc 35 51.64 0.4
1.2s 12.46nm 4.4mb
ISA 83.66 46 ePc 35 52.63 0.5
1.0s 23.12nm 4.7mb
e 37 11.61
CMB 83.89 43 ePc 35 53.59 0.4
1.3s 30.45nm 4.8mb
WDC 84.19 40 (P) 35 53.46 -1.0
0.5s 8.58nm 4.6mb
GSC 84.55 47 eP 35 57.27 0.7
GLA 84.61 50 eP 35 58.08 1.3
BONR 85.14 44 eP 35 59.91 0.3
TNP 85.91 45 ePc 36 03.53 0.4
0.5s 4.59nm 4.5mb
TUC 87.06 52 ePc 36 10.19 1.5
1.0s 20.75nm 4.8mb
BMW 87.62 35 eP 36 11.41 0.5
SHW 87.96 36 eP 36 13.96 1.3
VGB 88.32 37 eP 36 14.70 0.5
LON 88.54 36 eP 36 15.51 0.3
GMW 88.54 35 eP 36 15.94 0.8
SPU 88.77 13 eP 36 14.34 -1.6
BGL 88.77 13 eP 36 14.92 -1.1
CRP 88.82 13 eP 36 14.58 -1.8
KLU 90.42 16 eP 36 23.20 -0.4
HVU 90.82 44 eP 36 26.56 0.6
SRU 90.83 47 eP 36 26.38 0.3
DAU 91.04 45 eP 36 27.86 0.6
PTJ 91.66 43 eP 36 31.07 1.2
HHA 91.89 42 eP 36 32.14 1.3
FBA 92.97 13 eP 36 33.02 -2.1
HFS 143.64 349 ePKP 42 50.90 -2.9
0.4s 18.20nm
OJC 150.58 334 ePKP 43 11.00 5.8X
CLL 151.93 343 ePKP 43 14.00 6.9X
1.0s 14.00nm
e 43 25.00
BRG 152.06 341 iPKP 43 14.60 7.3X
1.0s 12.00nm
i 43 20.60
PRU 152.66 340 ePKP 43 16.50 8.3X
e 43 29.70
KHC 153.71 340 ePKP 43 17.50 7.8X
e 43 33.50
GEC2 153.92 339 PKP 43 09.70 -0.4
0.9s 0.97nm
GEC2 153.92 339 PKP 43 16.30 6.2X
0.8s 0.96nm
S.D. = 1.2 on 70 of 77 obs.

& OCT 15, 1992 05h 40m 14.34s
62.308 N 151.895 W
DEPTH = 106.9km
CENTRAL ALASKA (1)
<AEIC>.

SKT 0.37 152 iPd 40 29.60 -0.7
eS 40 41.31
NCG 0.92 188 iPc 40 33.94 -0.9
CGLM 1.01 183 iPc 40 34.72 -1.0
SUA 1.01 147 ePc 40 35.27 -0.5
eS 40 51.36
CRP 1.05 187 ePc 40 34.70 -1.6
BGL 1.07 193 iPc 40 35.55 -0.9
CKN 1.10 187 eP 40 36.09 -0.6
CKT 1.12 188 ePc 40 36.04 -0.9
SPU 1.13 184 iPc 40 35.91 -1.2
CKL 1.14 191 iPc 40 36.40 -0.8
eS 40 54.10
PWA 1.16 124 P 40 37.20 -0.1
S 40 55.70
HUR 1.24 56 eP 40 37.86 -0.4
eS 40 55.79
BKG 1.25 188 ePc 40 37.40 -1.1
TRF 1.36 32 ePc 40 39.13 -0.8
PLRM 1.49 118 eP 40 40.41 -0.8
eS 41 00.32
PMR 1.49 118 eP 40 39.98 -1.2
eS 41 00.97
GHO 1.50 110 ePd 40 41.03 -0.4
S 41 01.16
PMS 1.54 133 P 40 41.50 -0.4
S 41 02.70
NKA 1.60 168 eP 40 43.56 1.0
SML 1.75 105 ePd 40 43.80 -0.7
RDT 1.76 188 ePc 40 43.69 -1.0
DFR 1.76 193 eP 40 43.03 -1.7
RND 1.78 50 ePc 40 44.33 -0.6
NCT 1.82 196 eP 40 44.58 -0.9
KNK 1.86 117 iPd 40 44.95 -1.0
eS 41 08.75
REF 1.87 192 eP 40 45.19 -1.0
RDW 1.88 194 eP 40 45.68 -0.7
RS2 1.90 193 eP 40 46.32 -0.3
RSO 1.90 193 eP 40 45.82 -0.8
RS1 1.90 193 eP 40 45.65 -0.9
MCK 1.97 42 eP 40 46.97 -0.3
SLKM 1.98 155 eP 40 47.32 -0.1
PTE 2.00 135 eP 40 46.45 -1.1
TTA 2.00 290 eP 40 45.40 -2.4
SVW 2.14 238 P 40 48.20 -1.4
MPA 2.19 145 eP 40 49.31 -0.9
SCM 2.20 100 ePd 40 48.86 -1.5
INW 2.33 195 eP 40 51.33 -0.7
SEW 2.51 151 eP 40 53.41 -0.9
NEA 2.61 28 eP 40 54.18 -1.5
TOA 2.69 92 P 40 56.20 -0.7
GLI 2.71 120 eP 40 54.96 -2.1
eS 41 27.15
WRH 2.77 37 eP 40 56.69 -1.1
KNIM 2.81 133 eP 40 55.24 -3.2
CNPM 2.81 173 eP 40 57.19 -1.3
VLZ 2.90 112 eP 40 57.73 -1.8
eS 41 32.33
KLU 2.94 103 ePd 40 58.38 -1.9
SDG 2.96 83 ePd 40 59.44 -1.1
CCB 2.98 36 eP 40 59.48 -1.2
FID 3.03 119 eP 40 58.62 -2.8
PAX 3.04 75 eP 41 00.89 -0.8
HDA 3.06 44 eP 41 00.82 -1.0
FBA 3.18 33 eP 41 00.40 -3.0
HIN 3.23 124 eP 41 02.47 -1.6
SGAM 3.69 116 eP 41 09.44 -0.9
JMA 3.86 349 eP 41 10.61 -2.1
GLB 3.93 99 eP 41 11.52 -2.1
CROM 4.47 106 eP 41 19.43 -1.8
BALM 4.73 101 eP 41 22.84 -1.8
WAX 4.73 109 eP 41 23.36 -1.3
CTGM 5.21 100 eP 41 30.06 -1.4
YAH 5.26 107 eP 41 30.67 -1.5

62 obs. associated
* OCT 15, 1992 07h 13m 19.62 ± 0.80s
35.610 S ± 6.8km 179.655 W ± 10.2km
DEPTH = 39.1km (4 depth phases)
4.8mb (9 obs.) 5.3Msz (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

15d 07h

HBZ 2.58 219 eP 14 00.40 0.5
 NOZ 3.52 211 eP 14 13.70 0.4
 URZ -3.70 223 P 14 15.30 -0.5
 S 15 00.80
 KUZ 3.91 252 eP 14 19.00 0.2
 TAZ 4.04 228 eP 14 21.90 1.3
 WLZ 4.43 238 eP 14 26.60 0.5
 WCZ 4.89 264 eP 14 32.80 0.2
 NGZ 5.19 225 eP 14 36.60 -0.4
 CNZ 5.24 225 eP 14 37.00 -0.6
 MOZ 5.29 235 eP 14 37.80 -0.5
 OUZ 5.52 272 eP 14 42.00 0.5
 SNZO 7.21 216 eP 15 20.00 14.8X
 S 17 02.00

DZM 18.14 314 iPd 17 30.60 0.2
 BKM 20.85 326 iPc 18 02.00 1.4
 ARMA 24.58 274 eP 18 40.50 3.1X
 1.1s 15.00nm 4.5mb

RMO 28.45 280 iPd 19 13.60 0.6
 0.8s 42.00nm 5.2mb

CMS 28.97 268 eP 19 17.40 -0.2
 1.3s 45.00nm 5.0mb

QLP 32.06 276 eP 19 44.60 -0.3
 0.5s 11.00nm 5.0mb

STK 32.30 265 eP 19 47.10 0.1
 0.9s 2.50nm 4.1mb

CTA 33.68 288 iPc 19 58.50 -0.6
 1.2s 19.53nm 4.9mb

ASPA 41.74 274 iPd 21 05.70 -1.0
 1.1s 14.20nm 4.6mb

Z 18s 4.10um 5.3msz
 epP 21 17.70 44km
 eS 27 21.10

WB2 43.19 279 iPc 21 17.50 -1.0
 0.7s 22.90nm 5.0mb

e 21 26.80 31km
 eS 27 40.20

WRA 43.19 279 P 21 17.40 -1.2
 0.7s 5.00nm 4.4mb

NVL 73.60 184 eP 25 05.00 14.9X
 1.6s 20.00nm

BCAO 144.72 213 iPKPc 32 54.50 0.1
 1.2s 63.00nm

i 33 03.00
 i 33 08.00

SDF 144.83 343 iPKP 32 50.50 -2.5
 OBN 148.43 320 ePKP 33 00.00 0.8
 i 33 11.00

KAF 148.88 337 ePKP 33 01.70 2.0
 0.6s 13.50nm

KIC 150.52 170 PKP 33 07.68 4.0X
 NUR 150.60 335 iPKP 33 06.60 4.3X
 0.5s 9.00nm

DSI 150.63 272 ePKP 33 05.90 2.6X
 SAGI 150.79 269 ePKP 33 07.00 3.4X
 MMR 151.00 275 ePKP 33 08.00 4.0X

BHL 151.03 277 PKP 33 09.00 5.0X
 NB2 153.62 348 PKP 33 13.70 6.9X
 0.9s 5.20nm

HFS 153.98 345 ePKP 33 12.60 5.4X
 0.5s 1.10nm

S.D. = 1.0 on 25 of 36 obs.

OCT 15, 1992 08h 30m 14.13±0.37s
 50.974 N ± 5.6km 97.899 E ± 4.6km
 DEPTH = 27.0km (2 depth phases)
 4.4mb (16 obs.) 4.2msz (1 obs.)

RUSSIA-MONGOLIA BORDER REGION (333)

MOY 2.06 69 iPnd 30 48.80 1.2
 iS 31 17.00

UER 2.47 285 ePn 30 54.50 1.1
 eS 31 30.20

ZAK 3.48 98 iPnc 31 07.80 0.1
 e 31 59.40

IRK 4.20 69 ePnd 31 19.70 1.7
 i 32 20.00

NVS 9.65 300 eP 32 37.80 3.6X
 WMQ 9.95 228 eP 32 39.00 0.6
 Z 12s 1.44um

GTA 11.64 173 eP 33 01.00 -0.6
 Z 10s 2.24um 3.6msz
 BOD 11.70 48 eP 33 00.00 -2.2

1.0s 10.00nm 5.0mb
 BTO 13.37 136 eP 33 22.50 -2.0
 LZH 15.48 162 eP 33 51.00 -1.3

1.6s 28.00nm 4.2mb
 Z 13s 0.89um 3.8msz

PRZ 15.80 245 iP 33 57.00 0.6
 1.0s 70.00nm 4.8mb

BJI 16.79 124 eP 34 09.50 0.7
 1.0s 11.00nm 3.9mb

TIY 16.80 136 eP 34 12.40 3.4X
 BRVK 17.09 288 iPd 34 10.60 -1.8
 1.4s 45.00nm 4.4mb

FRU 17.82 252 (P) 34 21.00 -0.6
 2.0s 20.00nm 3.9mb

NR1 19.07 349 eP 34 36.00 -0.6
 1.4s 12.00nm 3.9mb

KSH 19.18 242 eP 34 38.20 -0.2
 CN2 19.90 100 eP 34 43.80 -2.4
 1.0s 12.00nm 4.2mb

Z 10s 1.22um 3.9msz
 epP 34 49.60 22km
 eS 38 28.00

TIA 20.20 130 Pd 34 49.80 0.4
 CD2 20.51 166 eP 34 53.20 0.5
 Z 11s 0.75um 4.3mszX

MDJ 22.10 94 eP 35 09.50 0.8
 SVE 22.51 300 ePc 35 13.00 0.4
 1.7s 60.00nm 4.8mb

Z 11s 1.00um 4.5mszX
 N 11s 0.50um

e 35 43.00 152kmX
 TIK 24.95 23 iPc 35 38.00 1.9
 1.0s 38.00nm 5.0mb

e 35 47.00 32km
 GKN 25.04 209 P 35 38.02 0.4
 0.7s 10.00nm 4.5mb

KKN 25.05 207 P 35 38.64 0.9
 0.7s 33.00nm 5.1mb

PKI 25.22 207 P 35 39.92 0.4
 DMN 25.27 207 P 35 40.78 0.9
 GYA 25.38 161 P 35 44.00 3.3X

Z 20s 0.81um 4.2msz
 N80 46.19 318 P 38 36.60 -1.3
 0.9s 3.50nm 4.3mb

GEC2 51.40 303 P 39 17.70 -0.8
 0.9s 1.35nm 3.9mb

SES 76.04 19 eP 42 01.00 0.6
 WB2 77.54 145 eP 42 09.50 0.5
 0.6s 1.50nm 4.2mb

BCAO 79.87 265 ePc 42 22.00 0.1
 0.9s 5.00nm 4.5mb

S.D. = 1.2 on 30 of 33 obs.

? OCT 15, 1992 08h 38m 32.66±2.50s
 39.227 N ± 14.8km 27.237 E ± 54.1km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.83 179 iPg 38 48.70 0.0
 iSg 39 02.20

EDC 1.22 23 ePn 38 56.00 0.7
 BNT 1.24 25 ePn 38 55.00 -0.8
 KCT 1.34 40 iPn 38 57.40 0.1

S.D. = 1.0 on 4 of 4 obs.

? OCT 15, 1992 08h 53m 17.59±6.66s
 18.896 N ± 59.4km 66.465 W ± 11.5km
 DEPTH = 33.0km (normal)

PUERTO RICO REGION (90)

LRS 0.70 211 P 53 31.00 0.0
 S 53 39.20

LPR 0.81 136 P 53 32.80 0.1
 S 53 42.13

CLLP 0.82 187 P 53 33.00 0.3
 SP 53 43.00

PORP 0.85 191 P 53 33.00 -0.2
 CPD 1.00 148 P 53 35.10 -0.2
 MGP 1.06 214 P 53 36.20 0.0

S.D. = 0.3 on 6 of 6 obs.

? OCT 15, 1992 09h 17m 03.79±1.93s
 6.467 S ± 24.7km 155.041 E ± 15.6km
 DEPTH = 128.6 ± 29.5 km
 4.6mb (8 obs.)

SOLOMON ISLANDS (193)

RAB 3.65 308 iPc 18 00.20 0.5
 iS 18 44.00

LAT 7.99 268 eP 18 58.10 -0.4
 PMG 8.34 249 eP 19 02.50 -0.7
 eS 20 40.00

DZM 19.03 146 iPc 21 17.90 -0.6
 OIS 20.50 225 eP 21 35.50 1.9
 0.2s 4.00nm 4.5mb

RMO 20.79 196 iPd 21 36.90 0.4
 0.7s 43.00nm 4.9mb

QLP 22.50 206 iPc 21 54.20 0.9
 0.5s 70.00nm 5.3mb

ARMA 24.04 187 eP 22 09.20 0.8
 0.4s 6.00nm 4.4mb

WB2 24.15 234 iPd 22 09.30 0.0
 0.4s 40.50nm 5.3mb

CMS 26.34 198 iPd 22 28.90 -0.6
 0.4s 5.00nm 4.5mb

STK 28.24 205 iPd 22 45.90 -0.8
 0.7s 3.90nm 4.2mb

WARB 33.43 231 eP 23 31.00 -1.4
 0.3s 3.00nm 4.5mb

S.D. = 1.1 on 12 of 12 obs.

& OCT 15, 1992 09h 44m 27.13s
 39.236 N 123.088 W
 DEPTH = 7.6km

NEAR COAST OF NORTHERN CALIF. (35)
 <GM>P. MD 3.1 (GM). ML 2.9
 (GS). Felt (III) at Redwood Valley.

NTYM 0.91 158 ePn 44 45.03 0.3
 ORV 1.27 75 eP 44 49.08 -1.9

WDC 1.41 17 ePn 44 52.43 -0.7
 FOX 1.46 332 iPc 44 52.99 -0.8
 BKS 1.51 154 eP 44 57.04 2.5

MIN 1.59 45 eP 44 54.65 -1.2
 EKR 1.67 331 iPd 45 00.84 4.1
 FHC 1.71 337 eP 45 02.36 4.9

PCC 1.82 162 eP 44 57.44 -1.6
 ARN 2.25 147 ePn 45 03.73 -1.5
 LBFM 2.30 23 ePn 45 06.31 0.1

CMB 2.43 119 eP 45 07.92 0.0
 eS 45 40.27

SAO 2.79 152 eP 45 10.47 -2.5
 MEMM 3.61 114 (P) 45 24.08 -0.5
 BONR 3.96 107 ePg 45 38.29 8.4

TNP 4.74 102 ePg 45 52.54 11.7
 16 obs. associated

OCT 15, 1992 09h 58m 56.16±0.34s
 24.592 N ± 6.0km 123.856 E ± 6.0km
 DEPTH = 26.9km (4 depth phases)

4.7mb (24 obs.) 4.5msz (9 obs.)
 SOUTHWESTERN RYUKYU ISLANDS (246)
 ML 4.4 (BJI). Felt (IV JMA) on Iriomote-shimo.

NAH 3.82 64 P 00 10.00 15.4X
 QZH 4.80 275 Pd 00 08.50 0.0

SSE 6.90 341 P 00 36.80 -1.2
 Z 13s 4.40um

N 11s 3.30um
 E 12s 3.70um

S 02 02.80
 PIP 6.93 206 iPd 00 23.00 -15.5X
 CVP 7.11 196 ePc 00 37.50 -3.6X
 eS 01 35.00

NJ2 8.64 330 Pd 01 04.00 1.6
 N 13s 1.81um

WHN 10.31 307 P 01 30.00 4.6X
 TIA 12.95 335 eP 02 06.00 4.9X

Z 12s 2.46um
 DL2 14.40 353 Pd 02 26.00 5.9X

Z 12s 2.59um
 GYA 15.63 280 P 02 43.20 6.8X

Z 18s 1.88um
 S 05 32.00

XAN 16.06 309 P 02 43.50 1.8
 Z 10s 2.46um
 N 10s 2.43um

E 12s 3.09um
 pP 02 56.60
 CGP 16.07 177 eP 02 44.00 2.1
 1.0s 36.00nm 4.5mb

TIY 16.31 326 eP 02 49.40 4.4X

Z 15s	1.42um			SIT	75.33	34 eP	10 39.70	1.1	KKN	53.13	317 P	00 30.60	-1.6	
E 10s	1.80um				0.8s	16.64nm		5.1mb	DMN	53.13	316 P	00 31.80	-0.5	
BJI	16.70	339 eP	02 53.00	3.2X	NB2	78.99	333 P	10 57.60	-1.3	GKN	53.70	317 P	00 35.80	-0.5
	1.4s	43.00nm		4.4mb		0.7s	2.80nm		4.4mb	GTA	54.38	338 P	00 42.00	0.9
Z 14s	1.47um			4.3Msz	OJC	79.92	321 eP	11 04.30	0.2		1.0s	10.00nm		4.8mb
N 11s	1.39um				YKA	81.64	24 eP	11 13.40	0.5			pP	00 48.00	20kmX
MAT	17.14	43 eP	02 52.00	-3.4X		0.9s	10.80nm		4.9mb			sP	00 50.00	
Z 20s	0.71um				SKO	82.54	313 iP	11 17.50	-0.6	MDJ	55.21	5 eP	00 46.00	-0.8
	eS		06 30.00		GEC2	84.06	321 P	11 25.70	-0.1	NAV	145.55	35 ePKPd	10 55.90	5.0X
SNY	17.19	359 Pc	03 01.30	5.3X		1.0s	4.84nm		4.7mb	LHS	147.47	39 (PKP)	11 00.85	6.9X
Z 10s	2.82um				RMW	87.17	38 (P)	11 40.41	-0.8	CEH	147.52	35 ePKPc	11 02.07	8.0X
N 10s	2.02um						e	11 48.56	26km	CNCB	150.52	157 PKP	11 13.30	13.4X
E 10s	1.15um				CDF	87.87	323 eP	11 44.20	-0.4	LPB	150.73	157 ePKP	11 25.00	24.9X
	pP		03 07.40			0.9s	8.50nm		5.1mb	ZOBO	150.94	157 PKP	11 12.20	11.6X
CD2	18.86	294 eP	03 15.80	-0.9	BSF	88.47	323 eP	11 47.20	-0.3		Z 20s	0.12um		4.7Msz
	eS		06 43.00		DPW	88.92	37 eP	11 50.26	0.6			LR	16 24.00	
KMI	19.17	276 eP	03 22.00	1.3	NEW	89.27	36 eP	11 50.79	-0.4		S.D. = 1.1	on 19 of 33 obs.		
	1.6s	40.00nm		4.4mb		1.0s	18.00nm		5.3mb					
Z 11s	2.50um			3.9Msz	LPG	89.86	321 eP	11 54.10	-0.3		?	OCT 15, 1992	11h 20m 57.54±1.46s	
N 11s	2.90um					0.8s	12.35nm		5.2mb				19.688 S ±14.6km	170.176 E ±20.9km
E 11s	1.00um				LPL	89.86	321 eP	11 53.90	-0.4				DEPTH = 33.0km	(normal)
	pP		03 31.00	34km		0.9s	14.40nm		5.2mb				4.5mb (2 obs.)	
HHC	19.20	331 P	03 22.00	1.2	SMF	90.79	323 eP	12 04.10	5.8X				VANUATU ISLANDS	(186)
	1.6s	60.00nm		4.6mb		0.8s	5.10nm		4.9mb					
Z 16s	2.14um			4.2Msz	AVF	90.97	324 eP	12 05.60	6.6X	PVC	2.62	317 iP	21 38.50	0.0
N 10s	1.21um				SES	90.98	32 eP	12 00.00	0.9	BKM	2.72	317 iP	21 32.90	-7.0X
E 11s	1.03um				LRM	93.29	36 eP	12 11.20	1.1	DZM	4.22	235 iP	22 00.10	-1.1
CN2	19.21	4 P	03 22.20	1.5	CMB	93.35	45 P	12 20.00	9.7X			iS	22 48.00	
	1.0s	18.00nm		4.3mb		Z 18s	0.08um		4.2Msz	RMQ	20.82	247 eP	25 39.00	0.2
Z 13s	2.13um			4.5MszX	ISA	95.97	46 P	12 30.00	7.6X			0.6s	9.00nm	4.3mb
N 13s	2.09um					Z 21s	0.10um		4.3Msz	CNB	24.07	225 eP	26 14.70	3.7X
E 13s	1.44um				GOL	101.27	37 Pdiff	13 00.00	13.6X			0.4s	8.00nm	4.6mb
	eS		03 35.00			Z 21s	0.33um		4.8Msz	CAN	24.32	226 eP	26 19.50	6.1X
BTO	19.72	327 eP	03 26.00	-0.8	ALQ	103.98	41 Pdiff	13 10.00	11.5X	CMS	24.84	237 eP	26 20.00	1.6
N 12s	1.39um					Z 18s	0.09um		4.3Msz	GEC2	145.30	332 PKP	40 33.30	-0.3
E 12s	1.40um				RSNY	109.17	14 PKP	17 30.00	4.8X			0.8s	1.22nm	
	pP		03 33.00	27km		Z 21s	0.16um		4.5Msz	SKO	145.46	317 iPKP	40 33.70	-0.3
MDJ	20.52	12 eP	03 32.70	-2.2	MIAR	111.29	33 PKP	17 40.00	10.5X	BCAO	148.48	245 iPKPc	40 44.50	4.8X
N 10s	1.72um					Z 21s	0.14um		4.5Msz			1.3s	32.00nm	
E 10s	1.29um				HRV	111.74	12 PKP	17 40.00	9.9X				i	41 24.00
LZH	20.68	308 eP	03 35.00	-1.9		Z 19s	0.11um		4.4Msz				e	50 13.00
Z 20s	100.00nm			4.9mb	ZOBO	166.06	56 PKP	19 03.00	1.9		S.D. = 1.2	on 6 of 10 obs.		
N 10s	1.04um			4.4MszX	SIV	170.28	29 ePKP	19 05.00	1.9					
	pP		03 48.50	60kmX		S.D. = 1.2	on 53 of 75 obs.							
LOE	21.84	255 eP	03 55.00											
CHG	23.83	261 eP	04 10.00	1.9										
	1.0s	10.75nm		4.3mb										
GTA	25.08	312 P	04 19.00	-1.1										
	1.0s	13.00nm		4.5mb										
Z 16s	1.14um			4.5MszX										
E 11s	1.04um													
GUN	34.13	284 P	05 41.66	0.2										
PKI	34.57	283 P	05 43.78	-1.4										
KKN	34.67	284 P	05 44.42	-1.5										
DMN	34.84	283 P	05 45.42	-2.0										
GKN	35.22	284 P	05 49.62	-1.0										
GBA	45.02	265 P	07 12.00	0.5										
WRA	45.43	166 P	07 12.40	-2.2										
	0.8s	5.20nm		4.5mb										
WB2	45.43	166 iPc	07 12.80	-1.8										
	0.6s	15.20nm		5.1mb										
POO	46.70	273 iPc	07 13.50	-11.3X										
ASPA	48.95	168 P	07 41.50	-0.7										
WARD	50.55	177 eP	07 53.00	-1.4										
STK	58.66	162 eP	08 54.00	0.5										
	0.6s	2.20nm		4.4mb										
SVW	64.24	32 eP	09 32.01	1.1										
	0.8s	19.18nm		5.3mb										
IMA	64.75	27 eP	09 33.98	-0.3										
	1.0s	3.23nm		4.4mb										
BGL	65.78	32 eP	09 41.65	0.7										
CRP	65.90	32 eP	09 41.36	-0.3										
SPU	65.96	32 eP	09 41.88	-0.1										
SLKM	66.94	32 (P)	09 48.01	-0.2										
PMR	67.29	31 eP	09 49.90	-0.4										
	0.8s	16.64nm		5.2mb										
Z 20s	0.50um			4.7Msz										
FBA	67.33	28 eP	09 50.63	0.1										
	0.7s	4.15nm		4.7mb										
KLU	68.81	31 eP	10 00.09	0.1										
BALM	70.60	31 eP	10 10.94	0.0										
HON	71.09	75 P	10 30.00	15.6X										
Z 20s	0.24um			4.4Msz										

15d 12h

CEY 0.25 169 eRg 32 04.50
ePgc 32 02.50 0.0
eSg 32 06.00
VOY 0.33 278 iPg 32 03.90 0.0
iSg 32 09.00
VBY 0.79 127 ePg 32 12.50 0.0
eSg 32 23.50
i 32 25.10
S.D. = 0.0 on 4 of 4 obs.

? OCT 15, 1992 12h 41m 53.37±1.24s
37.662 N ±26.4km 139.991 E ±17.5km
DEPTH = 33.0km (normol)
4.2mb (1 obs.)

EASTERN HONSHU, JAPAN (227)

MAT 1.81 232 iPd 42 23.60 0.8
eS 42 49.00
BJI 18.69 285 eP 46 12.50 1.5
GUN 45.97 274 P 50 15.10 -0.5
PKI 46.50 274 P 50 18.00 -1.7
KKN 46.50 274 P 50 19.00 -0.6
GKN 46.91 275 P 50 31.60 8.8X
NB2 73.17 337 P 53 26.20 3.9X
0.7s 2.10nm 4.2mb
PV10 81.20 48 eP 54 09.00 1.4
ZOBO 147.33 57 PKP 01 33.00 -0.8
S.D. = 1.5 on 7 of 9 obs.

OCT 15, 1992 13h 01m 20.83±0.57s
44.282 N ±7.2km 10.526 E ±5.9km
DEPTH = 24.3 ±6.4 km

NORTHERN ITALY (545)
ML 2.8 (LDG).

MME 0.15 125 P 01 24.80 -1.4
eSg 01 28.10
PII 0.56 180 P 01 33.00 1.0
BOB 0.91 303 P 01 39.80 1.9
eSg 01 53.20
SFI 1.02 110 P 01 40.70 1.2
eSg 01 52.80
CRE 1.22 122 P 01 42.90 0.4
CKI 1.62 276 P 01 48.70 0.6
PGF 2.06 213 Pn 01 54.20 -0.4
Sn 02 18.30
SBF 2.27 260 Pn 01 57.10 -0.4
Sn 02 23.70
FRF 2.89 257 Pn 02 05.40 -0.9
Sn 02 38.90
LPG 2.95 296 Pn 02 08.40 1.1
LPL 2.96 296 Pn 02 09.10 1.5
LMR 3.06 253 Pn 02 07.60 -1.1
Sn 02 43.10
LRG 3.12 256 Pn 02 09.50 -0.1
Sn 02 45.10
BSF 4.40 325 Pn 02 27.50 -0.3
Sn 03 15.80
CDF 4.70 333 Pn 02 31.20 -0.9
Sn 03 23.80
HAU 4.72 324 Pn 02 30.70 -1.6
Sn 03 25.10
LBF 5.33 303 Pn 02 40.80 -0.1
LOR 5.54 305 Pn 02 44.30 0.4
S.D. = 1.1 on 18 of 18 obs.

? OCT 15, 1992 14h 08m 07.75±1.72s
32.688 S ±15.6km 70.137 W ±20.6km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.5 (SAN).

JACH 0.38 271 iP+ 08 24.09 -0.2
iS 08 37.62
PEL 0.65 225 iPd 08 26.14 0.2
iS 08 40.37
FCH 0.65 191 iPd 08 26.24 -0.1
iS 08 41.32
ROCH 0.79 249 iP+ 08 27.55 0.1
iS 08 43.45
PCH 0.98 199 iP+ 08 29.37 0.2
iS 08 47.44
TACH 1.17 215 iPd 08 31.12 0.0
iS 08 50.43
CHCH 1.32 199 iPd 08 32.87 0.1
iS 08 53.60
LCCH 1.44 236 iP+ 08 34.35 0.2

LNW 1.65 220 iP+ 08 36.31 -0.5
iS 08 59.40
S.D. = 0.3 on 9 of 9 obs.

& OCT 15, 1992 14h 11m 10.70s
60.346 N 152.374 W
DEPTH = 82.6km
SOUTHERN ALASKA (2)
<AEIC>.

RED 0.21 290 iPd 11 22.44 0.9
iS 11 31.93
REF 0.22 312 iPd 11 22.70 1.0
eS 11 32.50
RS1 0.22 301 iPd 11 22.78 1.1
RSO 0.22 302 ePd 11 22.78 1.1
RS2 0.22 302 iPd 11 22.81 1.1
RDT 0.23 356 iPd 11 22.45 -0.7
eS 11 32.37
RDN 0.26 311 iPd 11 22.85 -0.5
eS 11 32.48
RDW 0.26 303 iPd 11 22.75 -0.7
DFR 0.29 328 iPd 11 22.82 -0.7
NCT 0.35 308 iPd 11 22.95 -0.9
INE 0.45 231 ePd 11 23.68 -1.0
INW 0.47 234 iPd 11 23.96 -0.8
eS 11 34.89
NKA 0.69 54 ePc 11 27.57 0.9
BKG 0.73 4 iPd 11 26.44 -0.7
eS 11 38.99
HOM 0.78 152 eP 11 27.33 -0.3
eS 11 41.07
OPT 0.82 212 ePd 11 27.42 -0.7
eS 11 41.19
SPU 0.85 10 iPd 11 27.71 -0.8
eS 11 41.69
CKL 0.85 1 iPd 11 27.83 -0.8
CKT 0.86 5 iPd 11 27.80 -0.8
eS 11 41.86
CKN 0.89 6 ePd 11 28.24 -0.6
BGL 0.92 360 iPd 11 28.69 -0.7
CRP 0.93 7 iPd 11 28.89 -0.6
eS 11 43.04
CGLM 0.98 10 iPd 11 29.32 -0.7
CNPM 1.00 145 ePc 11 29.41 -0.8
eS 11 44.89
NCG 1.07 6 ePd 11 30.25 -0.9
PDB 1.07 239 eP 11 29.91 -1.1
eS 11 45.01
SLKM 1.08 80 ePc 11 30.20 -1.0
SUA 1.38 35 ePc 11 34.34 -0.7
eS 11 53.65
SEW 1.48 98 ePc 11 34.54 -1.7
MPA 1.50 83 ePc 11 35.10 -1.4
CDD 1.56 205 eP 11 36.25 -1.1
PMS 1.65 56 P 11 38.00 -0.5
S 11 57.70
SKT 1.69 14 eP 11 37.82 -1.2
eS 12 01.13
PTE 1.73 71 eP 11 38.01 -1.6
eS 12 00.16
SYI 1.74 180 eP 11 38.89 -0.8
SVW 1.77 297 P 11 38.50 -1.7
S 12 00.20
PWA 1.79 42 P 11 40.20 -0.1
PLRM 2.02 50 eP 11 41.71 -1.7
KNK 2.19 59 ePc 11 43.90 -2.0
GHO 2.21 48 ePc 11 44.32 -1.8
KNIM 2.31 88 ePc 11 43.95 -3.4
eS 12 11.44
MTU 2.39 97 eP 11 46.10 -2.4
SML 2.45 51 eP 11 47.42 -2.0
HIN 2.92 86 eP 11 53.11 -2.7
FID 2.94 80 eP 11 53.36 -2.8
VLZ 3.07 73 eP 11 54.96 -2.9
TRF 3.27 17 eP 11 59.89 -0.9
KLU 3.35 67 ePc 11 58.88 -3.1
TOA 3.48 57 P 12 01.70 -2.0
SGAM 3.56 84 eP 12 01.96 -2.7
GLB 4.33 72 eP 12 12.01 -3.5
51 obs. associated

% OCT 15, 1992 14h 13m 45.73±0.81s
41.107 N ±7.6km 28.465 E ±7.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT 0.86 186 iPg 14 01.80 -0.5
eSg 14 15.30
YLV 0.88 128 ePg 14 03.30 0.7
eSg 14 15.30
EDC 0.89 211 ePg 14 03.00 0.3
DMK 0.89 324 iPg 14 02.80 0.0
eSg 14 15.30
HRT 0.95 107 iPn 14 03.30 -0.6
EYL 1.39 112 ePn 14 11.50 0.2
S.D. = 0.7 on 6 of 6 obs.

OCT 15, 1992 14h 40m 23.31±0.27s
19.157 S ±5.8km 169.614 E ±6.5km
DEPTH = 20.3km (5 depth phases)
5.3mb (33 obs.) 5.3msz (26 obs.)
VANUATU ISLANDS (186)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 18S, 32C

Centroid Location:

Origin Time 14:40:34.3 2.5

Lat 18.39S 0.21 Lon 169.91E 0.08

Dep 15.0 FIX Half-duration 1.3

Moment Tensor; Scale 10**17 Nm

Mrr=-1.38 0.08 Mtt=0.67 0.12

Mff=0.71 0.16 Mrt=0.00 0.00

Mrf=0.00 0.00 Mtf=-0.56 0.08

Principal Axes:

T Val= 1.25 Plg= 0 Azm=226

N 0.13 0 136

P -1.38 90 180

Best Double Couple: Mo=1.3*10**17

NP1:Strike=316 Dip=45 Slip=-90

NP2: 136 45 -90

PVC 1.87 319 iP 41 00.00 5.4X
BKM 1.97 318 iPd 40 57.20 1.1
DZM 4.15 225 iPc 41 25.90 -1.3
iS 42 10.40
SVA 8.45 84 eP 42 24.30 -3.3X
HNR 13.45 315 eP 43 35.00 -0.7
eS 46 32.00
SVO 13.75 315 eP 43 50.00 10.4X
AFI 18.58 77 eP 44 28.00 -13.3X
eS 48 12.00
ARMA 19.78 232 eP 44 56.60 1.2
1.3s 223.00nm 5.3mb
URZ 20.12 163 eP 44 58.20 -0.6
RMO 20.55 245 eP 45 04.70 1.3
1.3s 232.00nm 5.4mb
ORZ 21.74 174 eP 45 16.60 1.2
CTA 22.02 264 iPc+ 45 21.00 2.7
1.5s 97.22nm 5.0mb
Z 23s 14.77um 5.3mszX
iP 45 41.00 94kmX
i(PP) 46 03.00
iS 49 30.00
RAB 22.62 309 eP 45 24.00 -0.3
LTZ 23.66 175 P 45 34.00 -0.3
PMG 23.79 291 eP 45 37.00 1.3
1.7s 423.08nm 5.7mb
CNB 24.08 224 iPd 45 40.10 1.7
1.6s 332.00nm 5.6mb
BWA 24.20 227 eP 45 38.90 -0.7
i 45 42.50 13km
i 45 44.70
CAN 24.32 224 iPc 45 41.70 0.9
i 45 48.00
iP 45 58.00 71kmX
QLP 24.50 248 eP 45 44.10 1.6
1.4s 670.00nm 6.0mb
CMS 24.70 236 eP 45 45.70 1.3
1.2s 54.00nm 5.0mb
LAT 25.25 296 eP 45 50.80 1.0
BWZ 25.30 180 P 45 48.40 -1.6
TOO 27.92 224 eP 46 17.00 2.7
STK 28.19 238 eP 46 16.10 -0.6
2.1s 3.90nm 3.8mb X
eS 51 07.10
BFD 29.70 227 eP 46 31.60 1.3
WB2 33.20 263 iPc 47 00.00 -1.1
0.9s 3.70nm 4.3mb
WRA 33.21 263 P 46 59.90 -1.3
0.9s 0.70nm 3.6mb X
ASPA 33.49 256 iPd 47 01.90 -1.8
0.9s 55.40nm 5.5mb
eS 52 19.20

MTN	37.46	274	eP	47	37.00	-0.5	GTA	87.33	313	P	53	10.50	0.2				i	00	03.50	
	0.6s	93.00nm				5.8mb		1.0s	19.00nm				5.3mb	GRG	144.58	315	ePKP	00	02.78	2.5
WARB	40.12	252	eP	47	59.20	-0.4	Z	26s	0.56um				4.9MszX	GEC2	144.59	332	PKP	59	57.70	-2.4
MBL	46.62	259	eP	48	51.00	-1.3			pP	53	15.50	16km			0.9s		5.34nm			
MEEK	47.32	251	eP	48	56.50	-1.3	PEC	87.37	53	eP	53	11.30	0.8	SKO	144.71	317	iPKP	59	58.00	-2.4
NANU	50.43	256	eP	49	20.00	-1.8		1.0s	5.65nm				4.8mb				i	59	42.50	
HON	51.22	40	P	49	40.00	12.3X	PLM	87.37	53	eP	53	10.46	-0.2	LIT	144.91	314	iPKP	59	59.38	-1.5
Z	20s	2.36um				5.2Msz	SIT	88.70	27	P	53	30.00	13.8X	GRF	144.97	335	ePKPc	59	59.80	-0.8
CGP	52.08	298	ePd	49	34.00	-0.4		Z	19s	1.80um			5.5Msz	Z	22.9s		0.20um			4.8Msz
	1.5s	65.00nm				5.3mb	NVL	88.98	187	eP	53	17.00	-0.6				e	00	05.20	
SBA	58.75	181	ePc	50	21.50	-0.2		1.8s	97.00nm				5.8mb	KMR	144.97	331	iPKP-	59	58.30	-2.4
CHJJ	62.08	332	eP	50	44.50	-0.5	Z	18s	1.70um				5.5Msz	DMU	145.22	356	ePKP	59	59.10	-1.8
MAT	62.84	332	eP	50	48.00	-2.0	N	18s	1.00um						1.1s		104.00nm			
	1.3s	46.15nm				5.5mb	E	18s	0.80um					FNA	145.34	315	ePKP	00	01.18	-0.4
		eS	59	21.00					e	53	39.00	80kmX		AGG	145.50	312	ePKP	00	00.66	-1.2
MTMJ	63.06	332	P	50	50.90	-0.7			e	54	07.00			BHG	145.79	332	iPKPd	00	02.10	0.0
NIIJ	63.08	333	eP	50	52.00	0.5	BOD	89.36	334	eP	53	19.00	-0.4	DCN	145.79	357	ePKP	00	01.10	-0.8
YAMJ	63.43	334	eP	50	53.60	-0.3		1.5s	55.00nm				5.6mb		1.1s		130.00nm			
KUSJ	66.05	340	eP	51	09.60	-1.1	SHW	89.44	40	(P)	53	22.26	2.1	DLF	145.80	356	ePKP	59	59.40	-2.5
ASAJ	67.63	339	eP	51	20.90	0.1	LSA	89.79	302	P	53	22.60	0.0	KBA	146.05	330	iPKPc	00	02.90	0.1
YSS	70.19	341	iPc-	51	36.00	-0.5	FBA	89.90	17	eP	53	20.02	-1.7		1.2s		26.30nm			
Z	16s	0.40um				4.8MszX		0.8s	3.13nm				4.6mb				i	00	05.80	
		eS	00	53.00			LON	89.97	40	eP	53	23.71	1.2	FUR	146.15	334	iPKPc	00	04.30	1.6
SPA	70.96	180	iPd	51	39.80	-1.5	ZAK	90.44	324	iPc	53	25.00	0.5	LJU	146.22	328	ePKP	00	02.00	-0.8
	1.1s	24.40nm				5.2mb		2.5s	119.00nm				5.7mb	VBY	146.22	327	ePKP	00	04.40	1.6
SMY	71.69	3	P	51	50.00	4.6X	Z	20s	0.33um				4.8Msz	CEY	146.49	328	ePKP	00	04.90	1.6
	Z	19s				5.5Msz			e	57	00.50			VOY	146.55	329	ePKP	00	03.60	0.1
WHN	72.56	312	eP	51	52.00	0.9	IRK	90.84	326	eP	53	24.00	-2.4	FVI	146.67	330	PKP	00	03.30	-0.2
MDJ	73.22	331	eP	51	53.80	-0.9			e	04	25.00			WLF	146.80	340	PKP	00	05.00	1.4
Z	28s	0.72um				4.8MszX			e	05	30.00			DOU	146.89	342	PKPc	00	05.00	1.3
SNY	74.11	326	eP	52	02.20	2.3	TUC	91.66	56	ePc	53	31.43	0.7	WLS	147.47	338	PKP	00	06.99	2.2
Z	22s	0.63um				4.9Msz		1.2s	11.21nm				5.1mb	CDF	147.50	338	PKP	00	07.23	2.3
TIA	74.12	318	Pd	52	00.90	0.8	Z	20s	0.60um				5.0Msz	CTI	147.60	331	PKP	00	06.60	1.4
CN2	74.57	328	Pc	52	03.00	0.5	ARUT	91.71	51	eP	53	31.82	0.9	FEL	147.68	337	PKP	00	07.92	2.6
	1.0s	21.00nm				5.1mb	MOY	92.34	325	eP	53	34.00	0.8	ECH	147.71	338	PKP	00	07.41	2.2
Z	30s	0.95um				4.9MszX	GUN	93.47	298	P	53	37.80	-1.7	MOF	148.02	337	PKP	00	08.77	3.0X
GYA	76.06	305	P	52	12.00	0.4	PKI	93.75	298	P	53	40.48	-0.3	VITF	148.11	339	PKP	00	09.02	3.2X
	1.0s	9.60nm				4.8mb	KKN	93.93	298	P	53	41.50	0.1	BSF	148.16	338	ePKP	00	07.60	1.6
		pP	52	17.00	16km		DMN	94.02	298	P	53	42.24	0.3		0.9s		12.80nm			
BJI	77.10	321	eP	52	17.00	0.1	SRU	94.33	50	eP	53	43.69	0.7	HAU	148.17	338	ePKP	00	07.70	1.8
	1.4s	48.00nm				5.4mb	GKN	94.54	298	P	53	43.26	-0.9		0.9s		15.55nm			
Z	32s	0.76um				4.8MszX	TIK	94.72	348	eP	53	43.00	-0.8	Z	23s		0.28um			5.0MszX
		eS	02	07.00				1.0s	9.00nm				5.1mb	BCAO	148.21	246	iPKPc	00	10.30	3.3X
TIY	78.02	317	eP	52	23.60	1.4	Z	20s	0.50um				5.0Msz		1.6s		182.00nm			
Z	20s	0.37um				4.7Msz			e	57	29.00						i	00	21.00	
		S	02	05.00			ALQ	95.96	55	P	54	00.00	9.4X	LOMF	148.56	337	PKP	00	09.53	2.9X
		sS	02	23.50			Z	19s	0.37um				4.9Msz	ARV	148.80	326	PKP	00	08.00	0.9
XAN	78.32	312	P	52	23.60	-0.3	WMO	97.40	314	P	53	58.20	1.5	VAI	149.01	334	PKP	00	11.00	3.8X
	1.2s	14.00nm				4.9mb		2.0s	22.00nm				5.4mb	SFI	149.07	328	PKP	00	11.60	4.2X
SDN	78.43	17	P	52	30.00	6.1X	GOL	98.29	51	P	54	10.00	9.0X	TDS	149.22	317	PKP	00	14.70	6.9X
Z	19s	2.33um				5.5Msz	Z	19s	0.89um				5.3Msz	ASS	149.25	326	PKP	00	11.60	3.8X
KMI	78.53	302	Pc	52	27.00	1.5	MIAR	106.06	59	PKP	59	00.00	12.1X	AQU	149.33	324	PKP	00	12.40	4.4X
	1.8s	60.00nm				5.3mb	Z	20s	0.85um				5.3Msz	SGO	149.35	320	PKP	00	11.20	3.3X
MAW	78.64	202	eP	52	25.00	0.0	FVM	109.21	56	PKP	59	00.00	6.2X	FLN	149.40	347	ePKP	00	10.60	2.8X
	1.0s	42.00nm				5.4mb	Z	18s	0.81um				5.3Msz	Z	20s		0.65um			5.4Msz
CHG	78.94	294	eP	52	28.00	0.5	JFWS	110.09	50	PKP	59	10.00	14.7X	MME	149.43	329	PKP	00	11.90	3.6X
	1.2s	27.73nm				5.2mb	Z	22s	1.36um				5.5Msz	LDF	149.48	347	ePKP	00	10.80	2.9X
MGD	80.44	351	eP	52	33.00	-1.7	BRVK	110.65	320	(PKP)	59	02.00	6.0X	LOR	149.64	341	ePKP	00	11.50	3.3X
		e	02	40.00			CEH	117.98	59	PKP	59	20.00	9.5X		0.8s		9.40um			
		e	03	18.00			Z	21s	0.92um				5.4Msz	Z	21s		0.38um			5.2Msz
CD2	80.47	307	eP	52	36.50	0.9	RSNY	121.52	49	PKP	59	30.00	13.0X	MNS	149.71	325	PKP	00	11.40	2.9X
8TO	81.21	318	eP	52	38.00	-1.3	Z	21s	0.76um				5.3Msz	GRR	149.83	347	ePKP	00	12.00	3.6X
		pP	52	46.00	25km		HRV	123.82	51	PKP	59	30.00	8.5X		0.8s		16.40nm			
		ePP	55	45.00			Z	20s	1.00um				5.5Msz	LBF	149.85	340	ePKP	00	12.10	3.5X
		eS	02	50.00			SPC	141.25	328	e(PKP)	59	54.00	-0.5	SSF	149.93	341	ePKP	00	12.40	3.8X
LZH	82.94	312	eP	52	50.00	1.5	KSP	141.98	332	ePKP	59	50.00	-5.5X		1.0s		18.40nm			
	2.0s	84.00nm				5.5mb	ALN	142.12	313	ePKP	00	07.42	11.4X	LPL	150.13	335	ePKP	00	13.40	4.1X
		pP	53	00.00	32km		BRG	142.95	334	ePKP	59	56.00	-1.1		0.7s		5.30nm			
								1.6s	27.00nm					LPG	150.14	335	ePKP	00	13.60	4.2X
ARN	85.71	48	eP	53	03.45	1.1			i	00	04.70				0.7s		8.25nm			
BCH	85.76	51	eP	53	04.39	1.7	CLL	142.99	336	ePKP	59	53.00	-4.2X	SMF	150.19	340	ePKP	00	12.60	3.5X
CIT	85.97	329	eP	53	10.00	6.8X		2.6s	73.00nm					LPF	150.21	347	ePKP	00	12.90	3.9X
ABL	86.25	51	eP	53	06.45	1.2	PRU	143.37	333	ePKP	59	54.00	-3.9X		0.9s		27.70nm			
WDC	86.55	45	P	53	20.00	13.7X			e	01	19.00			AVF	150.22	341	ePKP	00	12.70	3.6X
Z	21s	1.45um				5.4Msz	ZST	143.47	329	ePKP	59	57.50	-0.6	8NI	150.54	335	PKP	00	15.60	5.8X
ORV	86.77	46	eP	53	08.34	0.9	SRS	143.70	314	ePKP	59	55.86	-2.9	MAF	150.97	341	ePKP	00	14.80	4.5X
CMB	86.84	48	eP	53	07.84	0.0	UZD	143.76	326	e(PKP)	59	56.00	-2.6	TCF	151.02	342	ePKP	00	14.80	4.5X
	1.1s	11.32nm				5.0mb	SOH	144.00	314	ePKP	59	56.38	-2.9		1.0s		12.40nm			
Z	20s	1.36um				5.4Msz	MOX	144.05	336	iPKP	59	57.40	-1.6	LSF	151.25	343	ePKP	00	15.00	4.3X

* OCT 15, 1992 15h 32m 23.60±1.16s
38.440 S ± 5.9km 175.789 E ± 5.5km
DEPTH = 191.5 ± 11.7 km
NORTH ISLAND, NEW ZEALAND (159)

PAIZ	0.37	81	P	32	48.90	-0.6
WLZ	0.59	345	Pc	32	50.40	0.1
			S	33	07.90	
TAZ	0.60	70	P	32	50.00	-0.4
WHH	0.71	129	P	32	50.30	-0.7
NGZ	0.75	191	P	32	51.60	0.2
MOZ	0.78	265	P	32	51.60	0.3
			S	33	09.70	
CNZ	0.78	194	P	32	51.00	-0.5
URZ	1.05	81	Pd	32	52.20	-0.9
			S	33	10.60	
PAHZ	1.08	113	P	32	53.50	0.2
MOH	1.27	123	eP	32	54.60	-0.2
WAHZ	1.33	161	P	32	56.00	0.6
THH	1.36	144	eP	32	56.30	0.7
BSZ	1.51	206	eP	32	58.00	1.1
KUZ	1.69	358	P	32	59.20	0.6
NOZ	1.77	96	P	33	00.00	0.6
MAHZ	1.80	115	eP	32	59.00	0.2
PGZ	2.21	170	P	33	04.20	0.2
KIW	2.51	195	P	33	07.60	0.1
CAW	2.72	192	P	33	10.00	0.1
MTW	2.72	185	P	33	09.90	-0.1
DIW	2.76	211	P	33	10.40	0.0
MRW	2.91	196	P	33	12.10	0.0
			eS	33	45.80	
BLW	2.93	185	P	33	12.50	0.0
WEL	2.95	195	P	33	12.60	0.0
TCW	3.00	202	P	33	13.10	-0.2
MOW	3.01	188	P	33	13.10	-0.2
QRZ	3.47	226	P	33	18.60	-0.3
KHZ	4.33	203	P	33	29.20	-0.5
			eS	34	16.80	
LTZ	5.10	211	eP	33	38.40	-1.3X
MOZ	5.77	203	P	33	46.60	-1.8X
			eS	34	47.10	

S.D. = 0.5 on 28 of 30 obs.

? OCT 15, 1992 16h 38m 24.36±1.22s
67.140 N ± 14.2km 20.755 E ± 15.1km
DEPTH = 10.0km (geophysicist)
SWEDEN (536)
MD 3.4 (BER).

KTk1	2.10	25	eP	39	00.79	0.8
			eSg	39	28.70	
LOF	2.93	293	eP	39	11.66	-0.1
ARA0	2.98	34	Pn	39	11.75	-0.8
			Pg	39	16.11	
			Sg	39	51.16	
NRA0	7.59	217	P	40	17.71	0.1
			S.D.	1.1	on 4 of 4 obs.	

? OCT 15, 1992 17h 07m 00.25±4.42s
61.829 N ± 15.0km 3.839 E ± 35.1km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)
MD 2.5 (BER).

FOO	0.62	111	eP	07	12.64	0.0
			eSg	07	18.08	
HYA	1.31	120	eP	07	24.44	0.0
			eSg	07	39.21	
MOL	1.89	65	eP	07	32.83	0.0
			eSg	07	54.59	
ODD1	2.36	143	eP	07	39.63	0.0
			eS	08	04.48	
			eSg	08	11.06	
NRA0	3.88	103	Pn	07	58.11	-3.0X
			Pg	08	05.18	
			Lg	08	56.70	
			S.D.	0.1	on 4 of 5 obs.	

OCT 15, 1992 18h 10m 46.15±0.30s
5.064 N ± 5.3km 123.202 E ± 7.6km
DEPTH = 590.9 ± 5.8 km
4.9mb (13 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP	3.68	24	iPd	12	09.00	-0.2
	0.5s				24.00nm	

MNI	3.95	156	ePd	12	11.50	0.4
	1.0s				388.20nm	
PLP	6.31	16	ePd	12	29.50	-0.6
KKM	7.02	278	eP	12	36.50	-0.2
	0.7s				282.10nm	5.4mb
PGP	8.67	345	ePd	12	52.80	0.6
MTN	19.46	156	eP	14	36.00	-0.8
MBL	26.27	187	eP	15	36.70	-1.1
WB2	27.16	157	iPc	15	44.90	-0.7
	0.5s				37.60nm	5.3mb
CHG	27.33	302	ePd	15	47.70	0.6
	0.8s				11.01nm	4.5mb
QIS	30.13	148	iPd	16	11.00	-0.1
	0.2s				9.00nm	5.1mb
ASPA	30.40	160	iPc	16	13.40	-0.1
	0.4s				22.50nm	5.2mb
			iS	20	31.80	
WARB	31.24	174	iPc	16	21.00	0.6
	0.2s				5.00nm	4.8mb
MEEK	31.83	188	eP	16	25.00	-0.4
MRWA	34.78	191	eP	16	50.00	0.0
	0.3s				6.00nm	4.7mb
KLB	36.82	188	eP	17	06.60	-0.1
	0.3s				13.00nm	5.0mb
STK	40.70	156	iPc	17	38.90	0.8
	0.4s				9.30nm	4.7mb
GUN	42.11	307	P	17	49.56	-0.2
	0.7s				78.00nm	5.3mb
GUN	42.11	307	P	17	50.10	0.3
PKI	42.34	306	P	17	51.42	-0.2
PKI	42.34	306	P	17	51.50	-0.1
KKN	42.54	306	P	17	53.04	0.0
KKN	42.54	306	P	17	53.10	0.1
DMN	42.60	306	P	17	53.62	0.1
	0.8s				30.00nm	4.9mb
DMN	42.60	306	P	17	53.90	0.3
GKN	43.14	306	P	17	57.50	-0.2
GKN	43.14	306	P	17	57.80	0.1
ARMA	44.56	144	iPd	18	10.30	1.8
	0.9s				6.00nm	4.1mb
HYB	45.36	289	eP	18	15.00	0.2
GBA	45.88	284	P	18	19.00	0.3
CAN	46.92	151	iPd	18	26.50	0.1
KAF	88.79	332	iP	22	37.80	-0.8
	0.5s				4.50nm	4.6mb
NUR	89.83	331	eP	22	42.80	-0.6
			S.D.	0.6	on 32 of 32 obs.	

OCT 15, 1992 19h 42m 11.89±0.71s
38.134 N ± 5.0km 74.265 E ± 5.4km
DEPTH = 135.4 ± 8.4 km
4.6mb (30 obs.)
TAJIKISTAN-XINJIANG BORDER REG. (719)

FRG	2.96	320	ePn	42	59.70	0.9
			i	43	32.90	
FRU	4.70	3	iPnd	43	24.00	2.0
			iS	44	18.80	
PRZ	5.37	35	iPnc	43	33.00	1.9
TLG	5.65	24	ePn	43	19.80	-15.0X
NDI	9.74	164	iPc	44	32.10	2.2
	0.4s				84.75nm	5.8mb X
MAIO	11.92	266	iPd	44	56.40	-2.2
	0.8s				14.28nm	4.6mb
			eS	47	01.00	
ASH	12.55	274	eP	45	04.00	-2.7
			eS	47	18.00	
GKN	13.32	136	P	45	16.00	-0.9
KKN	13.84	135	P	45	22.64	-1.0
DMN	13.89	136	P	45	24.48	0.2
PKI	14.08	135	P	45	26.36	-0.5
GUN	14.09	133	P	45	26.14	-0.8
UKR	14.81	27	eP	45	34.00	-1.5
	1.4s				66.00nm	4.7mb
BRVK	15.18	351	iPd	45	39.80	-0.3
	1.1s				119.00nm	5.1mb
			eS	48	32.00	
ELT	17.25	25	eP	46	04.40	-1.2
	1.3s				40.00nm	4.6mb
NVS	17.86	17	iP	46	10.50	-2.5
			eS	49	18.00	
UER	19.35	40	ePd	46	28.00	-1.0
	1.0s				38.00nm	4.7mb
POO	19.53	181	iPc	46	22.50	-8.7X
HYB	20.98	168	eP	46	44.50	-1.3
	1.0s				35.00nm	4.7mb
			e	47	38.00	

GRS	21.78	282	iPc	46	55.00	1.3
	1.0s				20.00nm	4.5mb
TAB	21.96	279	eP	46	58.00	2.5X
GRO	22.22	293	iPc	47	01.00	3.3X
	1.0s				110.00nm	5.2mb
Z	20s				1.00um	4.2msz
N	15s				2.50um	
E	18s				1.50um	
MOY	23.11	45	eP	47	10.20	3.9X
AKH	23.82	288	eP	47	16.20	2.6X
ZAK	23.95	50	eP	47	16.70	2.2
	1.0s				11.00nm	4.3mb
			e	47	53.50	
PYA	24.16	294	iPc	47	18.00	1.4
			i	47	39.00	
			e	48	15.00	
GBA	24.59	173	P	47	23.00	2.2
			S	51	56.00	
BOD	32.54	40	eP	48	30.20	-1.3
	1.0s				8.00nm	4.5mb
VRI	35.72	298	ePc	49	00.50	1.6
CVO	36.11	298	ePc	49	04.50	2.3
MLR	36.30	297	iPd	49	07.00	3.1X
SPC	39.82	304	eP	49	34.60	1.3
TIK	43.28	22	iP	50	01.00	0.0
	0.8s				18.00nm	4.8mb
HFS	43.42	321	eP	50	01.90	-0.4
	0.4s				9.80nm	4.8mb
PRU	43.42	306	P	50	03.10	0.6
BRG	43.68	307	i(P)	50	05.20	0.6
GEC2	44.14	304	Pd	50	09.00	0.6
	0.9s				1.67nm	3.7mb
KHC	44.17	305	eP	50	09.00	0.4
NB2	44.67	322	P	50	11.80	-0.6
	0.6s				4.80nm	4.4mb
GRF	45.59	306	eP	50	21.40	1.6
CDF	48.40	305	eP	50	41.70	-0.1
BSF	48.86	304	iPc	50	45.30	-0.1
	0.8s				8.35nm	4.6mb
HAU	49.10	305	iPc	50	47.10	0.0
	0.6s				3.45nm	4.3mb
LPG	49.51	301	eP	50	51.00	0.3
	0.7s				6.40nm	4.5mb
LPL	49.52	301	eP	50	51.10	0.5
	0.5s				5.45nm	4.6mb
LOR	50.92	304	eP	51	00.30	-0.7
LBF	50.93	304	eP	51	00.30	-0.8
SMF	51.12	303	eP	51	02.10	-0.4
	0.7s				5.20nm	4.5mb
SSF	51.21	304	iPc	51	02.70	-0.5
	0.5s				2.20nm	4.2mb
AVF	51.39	304	iPc	51	04.10	-0.4
	0.8s				11.55nm	4.7mb
BGF	51.80	304	eP	51	07.00	-0.6
MAF	52.09	303	iPc	51	09.80	0.0
	0.8s				7.40nm	4.6mb
TCF	52.30	304	iPc	51	11.30	-0.1
	0.7s				3.40nm	4.3mb
LSF	52.76	304	eP	51	14.10	-0.6
CAF	52.84	302	eP	51	15.60	0.2
	0.7s				4.65nm	4.5mb
LDF	53.08	307	iPc	51	16.30	-0.7
	0.5s				3.50nm	4.5mb
RJF	53.08	303	eP	51	17.40	0.3
	0.7s				3.65nm	4.4mb
FLN	53.25	307	eP	5		

ANDAMAN ISLANDS, INDIA

(703)

KHT	6.19	52	eP	13	05.30	-0.8
NNT	6.26	75	iPc	13	06.00	-1.0
NST	7.92	53	eP	13	31.20	1.0
HYB	15.87	295	eP	15	14.50	-2.8
GBA	15.96	281	P	15	20.00	1.7
			S	18	04.00	
PKI	18.18	336	P	15	45.60	-0.8
GUN	18.31	338	P	15	49.40	1.4
DMN	18.34	336	P	15	48.20	-0.1
KKN	18.43	336	P	15	51.80	2.4
GKN	18.88	335	P	15	55.40	0.6
WRA	50.57	127	P	20	33.30	1.0
	0.5s		0.40nm			3.7mb
WB2	50.58	127	eP	20	33.00	0.6
	0.4s		4.20nm			4.8mb
KAF	69.77	332	iP	22	42.20	-1.0
	0.4s		1.80nm			4.5mb
BCAO	74.47	272	iPd	23	13.00	0.9
	0.9s		5.00nm			4.5mb
GEC2	75.13	318	eP	23	14.40	-1.0
	0.6s		1.29nm			4.1mb
HFS	75.49	329	eP	23	15.60	-1.4
	0.4s		1.40nm			4.3mb
LPG	80.02	315	eP	23	42.30	-0.4
LPL	80.03	315	iPc	23	42.30	-0.4
	0.7s		5.20nm			4.6mb
S.D. = 1.4 on 18 of 18 obs.						

* OCT 15, 1992 20h 28m 19.84 ± 0.24s						
53.851 S ± 9.8km 6.900 E ± 8.5km						
DEPTH = 10.0km (geophysicist)						
5.2mb (12 obs.) 4.9Msz (14 obs.)						
BOUVET ISLAND REGION (412)						
CENTROID, MOMENT TENSOR (HRV)						
Data Used: GDSN						
L.P.B.: 23S, 31C						
Centroid Location:						
Origin Time 20:28:21.1 0.5						
Lat 53.87S FIX; Lon 6.88E FIX						
Dep 15.0 FIX Half-duration 1.5						
Moment Tensor; Scale 10 ¹⁷ Nm						
Mrr=-1.17 0.06 Mtt=0.68 0.07						
Mff=0.49 0.06 Mrt=-0.99 0.17						
Mrf=-0.66 0.19 Mtf=-0.41 0.09						
Principal Axes:						
T Val= 1.14 P1g=18 Azm=196						
N 0.71 22 98						
P -1.85 60 322						
Best Double Couple: Mo=1.5*10 ¹⁷						
NP1: Strike=317 Dip=33 Slip=-46						
NP2: 88 67 -114						

SNA	17.04	191	e(P)	32	25.60	6.3X
	1.0s		404.00nm			5.5mb
NVL	17.12	174	iPd-	32	15.20	-5.1X
	2.6s		1009.00nm			5.5mb
	Z 16s		2.00um			
	N 15s		1.60um			
	E 14s		1.00um			
			e	32	33.00	
			e	32	55.00	
			eS	35	26.00	
FRS	27.56	36	eP	34	14.20	5.6X
CRZF	29.33	94	eP	34	30.00	5.5X
MAW	29.41	140	eP	34	24.00	-0.9
	1.0s		29.00nm			5.0mb
			ePcP	34	41.00	
SPA	36.33	180	iPc	35	24.90	-0.5
	1.4s		132.35nm			5.6mb
	Z 20s		3.51um			5.1Msz
			i	45	38.00	
BUL	37.54	35	iPd	35	37.30	1.5
	1.2s		17.19nm			4.7mb
CIR	37.80	40	iPd	35	36.10	-1.8
CSY	47.13	148	P	36	58.09	4.8X
PDCR	54.87	301	eP	37	47.90	-4.7X
MDZ	56.08	259	i(P)	38	00.90	-0.4
BDF	56.97	290	Pc	38	07.10	-0.8
			e	38	15.00	
			e	38	19.10	
			e	38	23.40	
BAO	57.04	290	Pc	38	07.20	-1.2
			e	38	13.00	
			e	38	14.80	
			e	38	25.80	

		e	38	38.20	
		e	39	03.40	
NAI	57.91	36	eP+	38	18.50 4.0X
	Z 20s		1.63um		5.1Msz
			ePS	46	29.00
BCAO	58.89	14	iPd	38	20.00 -1.1
	1.2s		14.00nm		5.0mb
TIC	61.10	346	P	38	36.00 -0.3
SIV	64.26	278	eP	38	56.00 -1.4
CNCB	67.69	272	iPd	39	20.70 0.7
LPB	67.98	272	P	39	22.20 0.6
			LR	01	24.00
ZOBO	68.19	272	iPd	39	22.80 -0.4
	1.2s		101.35nm		5.9mb
	Z 24s		0.92um		4.9MszX
			LR	00	46.00
MCO	69.57	163	P	39	30.50 0.2
ARE	70.05	269	eP	39	35.00 0.8
MUN	75.04	124	iPc	40	03.00 -0.2
COOL	78.33	127	eP	40	20.30 -1.3
BFD	81.59	146	iPc	40	38.80 -0.1
	0.7s		16.00nm		5.2mb
WARB	84.87	128	eP	40	55.00 -0.9
CAN	85.33	150	eP	40	57.70 -0.4
CNB	85.45	150	eP	41	01.10 2.4
	1.1s		26.00nm		5.3mb
BWA	85.99	149	eP	41	01.00 -0.4
STK	86.05	143	eP	41	01.30 -0.4
	1.0s		6.60nm		4.8mb
CMS	87.87	146	iPc	41	10.20 -0.3
	1.1s		13.00nm		5.2mb
GBA	89.79	66	P	41	22.00 2.3
ASPA	90.31	133	iPd	41	21.50 -0.8
	1.2s		16.50nm		5.2mb
CSS	91.36	21	eP	41	29.60 3.1X
POO	91.97	61	eP	41	20.50 -9.3X
HYB	93.53	65	eP	41	38.50 1.6
CEH	115.88	296	PKP	47	10.00 6.3X
	Z 19s		0.17um		4.7Msz
HRV	117.04	306	PKP	47	20.00 14.3X
	Z 21s		0.27um		4.8Msz
WMO	119.16	55	PKP	47	10.00 0.2
RSNY	120.00	305	PKP	47	20.00 8.7X
	Z 21s		0.18um		4.7Msz
GTA	122.19	66	PKP	47	15.50 -0.3
	Z 32s		1.12um		5.3MszX
			sPKP	47	23.00
MIAR	122.93	285	ePKP	47	16.22 -1.0
	Z 21s		0.13um		4.6Msz
XAN	123.46	77	PKP	47	17.70 -0.6
FVM	123.60	290	ePKP	47	17.87 -0.6
	Z 18s		0.49um		5.2Msz
JFWS	126.92	294	ePKP	47	24.10 -0.6
	Z 22s		0.35um		5.0Msz
TIY	128.06	76	ePKP	47	27.00 -0.1
BT0	128.65	72	ePKP	47	25.00 -3.2X
HHC	129.69	73	PKP	47	30.20 0.0
ALO	130.71	276	iPKPc	47	32.77 0.3
	Z 22s		0.06um		4.2Msz
			eSKPbc51	06.03	
TUC	131.42	270	ePKP	47	34.17 0.5
	Z 20s		0.26um		4.9Msz
BJI	131.79	76	ePKP	47	32.00 -2.0
	Z 28s		0.35um		4.9MszX
GOL	133.30	281	PKP	47	50.00 12.7X
	Z 21s		0.30um		5.0Msz
SRU	135.92	277	ePKPd	47	41.89 -0.3
EMUT	136.55	277	ePKP	47	43.66 0.2
GSC	137.09	268	ePKP	47	45.18 0.8
DAU	137.20	278	ePKP	47	45.57 0.8
BW06	137.69	282	ePKPd	47	44.20 -1.3
TPNV	137.88	270	(PKP)	47	46.61 0.7
DUG	137.97	276	ePKPd	47	46.10 0.1
ISA	138.32	267	ePKP	47	47.28 0.6
	Z 19s		0.21um		4.9Msz
BCH	138.94	265	ePKP	47	48.65 0.8
HVU	138.95	278	ePKP	47	47.86 0.1
TNP	139.20	271	ePKP	47	49.07 0.7
PTI	139.38	280	(PKP)	47	49.81 1.3
BONR	139.76	270	ePKP	47	50.21 0.7
MEMM	139.95	269	(PKP)	47	50.67 1.3
CMB	141.05	268	ePKP	47	52.23 0.7
	Z 19s		0.23um		4.9Msz
LRM	141.16	284	ePKP	47	47.70 -4.0X
ARN	141.27	266	ePKP	47	53.24 1.3
MAT	142.42	97	ePKP	47	48.00 -5.9X
	1.0s		9.00nm		

SES	142.81	291	ePKP	47	51.00	-3.2X
WDC	143.97	269	ePKP	47	53.85	-2.5
	Z 18s		0.17um			4.9Msz
LBFM	144.06	271	ePKP	47	57.42	0.6
NEW	145.17	284	ePKPc	47	56.50	-1.7
DPW	145.59	283	iPKPd	47	58.72	-0.3
VGB	145.84	278	ePKPd	48	00.21	0.7
SHW	147.06	278	ePKP	48	03.05	1.5
LON	147.11	279	ePKP	48	01.19	-0.3
BMW	147.79	277	ePKP	48	04.44	1.8
MRRJ	147.90	92	ePKP	48	05.50	2.7
GMW	148.09	280	(PKP)	48	04.66	1.7
YKA	149.01	310	ePKP	48	01.50	-2.4
	1.1s		42.20nm			
HOJ	149.19	94	ePKP	48	09.70	4.9X
ASAJ	149.82	91	ePKP	48	10.60	4.9X
KUSJ	150.46	94	ePKP	48	11.30	4.6X
FBA	163.16	321	(PKP)	48	17.87	-3.9X
IMA	164.46	330	ePKP	48	20.55	-2.6
S.D. = 1.2 on 66 of 87 obs.						

OCT 15, 1992 20h 34m 18.20 ± 0.58s
 46.042 N ± 6.2km 14.907 E ± 5.2km
 DEPTH = 13.8 ± 4.1 km
 NORTHWESTERN BALKAN REGION (383)
 MD 3.7 (LJU). ML 3.4 (FUR). 3.2
 (VIE). Felt (IV) at Hrastnik,
 Trbovlje and Zagorje, Slovenia.

LJU	0.26	271	ePg	34	23.70	-0.3
			eSg	34	28.50	
CEY	0.45	228	iPg	34	28.00	0.5
			iSg	34	36.30	
VBY	0.59	155	iPg	34	29.20	-0.6
			eSg	34	40.00	
VOY	0.71	270	iPg	34	31.50	-0.4
			eSg	34	42.90	
PTJ	0.75	101	iPg	34	30.70	-1.8
			iSg	34	40.00	
ZAG	0.78	106	ePg	34	31.90	-1.2
			iSg	34	41.60	
TRI	0.86	248	ePg	34	34.30	-0.2
			iSg	34	47.50	
KBA	1.50	314	iPg	34	43.90	-0.9

15d 20h

LPL 5.74 268 Pn 35 44.00 -1.3
 Sn 36 49.90
 BSF 5.84 291 Pn 35 44.20 -2.3
 Sn 36 49.50
 HAU 6.17 292 Pn 35 48.60 -2.5
 Sn 36 57.60
 FRF 6.38 250 Pn 35 54.50 0.5
 S.D. = 1.5 on 26 of 33 obs.

& OCT 15, 1992 21h 30m 31.97s
 63.256 N 149.668 W
 DEPTH = 11.0km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.2 (AEIC), 2.7 (PMR).

PWA 1.61 184 eP 30 59.90 -0.5
 PMR 1.69 171 (P) 31 01.55 0.1
 eS 31 22.89
 FBA 1.84 26 eP 31 02.95 -0.8
 TOA 1.98 124 eP 31 06.70 0.8
 PMS 2.02 179 eP 31 07.70 1.3
 SPU 2.36 209 ePn 31 08.93 -2.4
 BGL 2.37 214 ePn 31 09.49 -2.0
 KLU 2.49 134 ePn 31 13.36 0.3
 SLKM 2.77 186 ePn 31 17.21 0.1
 IMA 3.31 330 eP 31 23.85 -1.0
 BALM 4.09 120 ePn 31 36.37 0.5
 11 obs. associated

? OCT 15, 1992 21h 43m 20.35 ± 1.21s
 41.404 N ± 13.2km 19.988 E ± 8.2km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 2.2 (TIR).

TIR 0.11 239 iPgC 43 23.00 -0.2
 iSg 43 27.50
 LACI 0.31 318 ePg 43 27.00 0.2
 PHP 0.44 50 iPgC 43 28.50 -0.8
 SKO 1.23 62 ePn 43 44.00 0.8
 iSn 44 02.00
 Lg 44 04.50
 S.D. = 1.2 on 4 of 4 obs.

OCT 15, 1992 22h 37m 05.91 ± 0.11s
 14.537 S ± 3.3km 166.711 E ± 3.6km
 DEPTH = 25.0km (21 depth phases)
 6.2mb (89 obs.) 6.7Msz (41 obs.)
 VANUATU ISLANDS (186)

Ms 7.1 (BRK). Mo=3.2*10**19 Nm
 (PPT).
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=166 Dip=67 Slip= 157
 NP2: 265 69 25
 Principal Axes:
 T Plg=32 Azm=126
 P 1 35

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.

RADIATED ENERGY
 No. of sta: 18 Focal mech. F
 Energy 3.6 ± 0.8 * 10**14 Nm
 MOMENT TENSOR SOLUTION
 Dep 67 No. of sta: 26
 Moment Tensor: Scale 10**19 Nm
 Mrr=0.55 Mtt=-0.97
 Mff=0.42 Mrt=-0.90
 Mrf=-0.48 Mtf=0.87

Principal axes:
 T Vol=1.58 Plg=42 Azm=126
 N 0.00 43 272
 P -1.58 18 19

Best Double Couple: Mo=1.6*10**19
 NP1:Strike=154 Dip=46 Slip= 160
 NP2: 258 75 46
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 41S, *C M.W.: 36S, 79C
 Centroid Location:
 Origin Time 22:37:18.1 0.1

Lat 14.44S 0.01 Lon 166.72E 0.01
 Dep 51.5 0.5 Half-duration 6.4
 Moment Tensor: Scale 10**19 Nm
 Mrr=0.73 0.01 Mtt=-0.54 0.01
 Mff=-0.19 0.01 Mrt=-1.10 0.01
 Mrf=-0.83 0.01 Mtf=1.36 0.01
 Principal Axes:

T Vol=2.23 Plg=42 Azm=135
 N -0.46 46 298
 P -1.77 8 37
 Best Double Couple: Mo=2.0*10**19
 NP1:Strike=167 Dip=55 Slip= 153
 NP2: 273 68 39

BKM 3.44 155 iPd 38 02.70 3.5X
 PVC 3.54 154 iP 38 05.20 4.6X
 iS 38 52.50
 DZM 7.50 182 iPc 38 56.00 -0.5
 iS 40 29.90
 HNR 8.34 307 ePd 39 08.00 -0.2
 eS 40 37.00
 SVO 8.61 308 eP 39 13.00 1.0
 SGE 11.20 107 eP 39 55.10 7.4X
 VUN 11.80 109 eP 40 00.10 4.4X
 MBU 11.81 103 iPc 40 02.30 6.3X
 SVA 11.82 109 iPc 40 01.60 5.6X
 RAB 17.64 304 eP 41 12.00 0.3
 iS 44 30.00

PMG 19.79 283 iPd- 41 47.80 10.3X
 1.2s 2812.50nm
 FINC 20.12 291 eP 41 41.30 0.3
 CTA 20.29 251 iPd+ 41 42.50 -0.2
 iS 45 28.00
 i 45 32.00
 i 49 16.50
 iScP 49 29.00
 iScS 53 05.50
 i 53 13.00

CTAO 20.29 251 ePd 41 43.25 0.5
 AFI 20.86 91 iPc 41 52.00 3.3X
 e(S) 45 00.00
 LAT 20.88 290 eP 41 49.40 0.6
 OUZ 21.51 164 P 41 57.30 2.2
 WCZ 22.39 164 P 42 05.20 1.4
 e 46 01.90

KUZ 23.54 162 P 42 16.00 1.0
 e 46 03.20
 QLP 24.17 237 iPd 42 22.00 0.7
 0.6s 878.00nm 6.5mb
 iScP 49 40.60
 i 49 51.80

WLZ 24.54 163 P 42 25.20 0.4
 MOZ 24.92 165 eP 42 29.20 0.7
 HBZ 25.17 158 P 42 30.60 -0.2
 WWKK 25.21 293 eP 42 33.70 2.2
 URZ 25.36 161 eP 42 32.70 0.1
 e 46 05.20

CMS 25.50 225 iPd 42 34.20 0.2
 1.0s 719.00nm 6.3mb
 iPcP 46 08.00
 eScP 49 43.00
 eScS 53 33.90

NRZ 25.51 167 P 42 37.90 3.9X
 NGZ 25.76 164 eP 42 39.10 2.5
 BWA 25.79 217 eP 42 35.70 -1.0
 i 42 37.90 8kmX

CNB 25.91 214 iPd 42 38.70 0.8
 1.0s 521.00nm 6.1mb
 ePcP 46 09.40
 eS 47 09.00
 iScP 49 44.60
 eScS 53 39.60

NOZ 25.99 159 eP 42 37.40 -1.1
 e 47 10.00
 CAN 26.11 214 eP 42 41.00 1.3
 iPcP 46 06.00
 iScP 49 45.20

MOH 26.17 161 eP 42 40.40 0.3
 WAHZ 26.46 163 eP 42 41.10 -1.8
 ORZ 26.68 170 eP 42 46.30 1.5
 e 46 10.10

DIW 26.91 168 eP 42 46.80 -0.2
 PGZ 27.29 164 eP 42 48.10 -2.3
 CAW 27.46 166 eP 42 50.50 -1.4
 DSZ 27.47 172 eP 42 52.50 0.4

MRW 27.49 167 eP 46 11.30 -2.3
 THZ 27.65 170 P 42 53.50 -0.3
 BLW 27.80 166 eP 42 52.70 -2.3
 KHZ 28.40 169 eP 42 59.00 -1.4
 LTZ 28.55 171 P 43 01.10 -0.7
 STK 28.71 229 eP 43 03.50 0.1

0.8s 152.50nm 5.8mb
 iPcP 46 14.70
 eS 47 40.30
 iScP 49 52.90
 iScS 53 45.20

LMZ 29.16 176 P 43 08.10 0.9
 MQZ 29.51 171 eP 43 09.20 -1.2
 e 46 16.10
 TOO 29.69 215 iPc 43 12.20 0.1
 0.9s 321.00nm 6.1mb
 ePcP 46 30.00
 iScP 49 56.40

BWZ 30.02 175 eP 43 15.00 0.1
 MSZ 30.05 178 eP 43 15.60 0.4
 e 45 24.60

MHZ 30.50 176 eP 43 18.40 -0.9
 LRCZ 30.51 176 eP 43 18.70 -0.8
 SBCZ 30.54 176 eP 43 19.00 -0.6
 LSCZ 30.56 176 eP 43 18.50 -1.3
 e 46 21.10

CMCZ 30.59 176 eP 43 19.00 -1.1
 e 46 18.80
 ODZ 30.59 175 eP 43 19.70 -0.3
 TLC 30.62 177 eP 43 19.70 -0.7
 e 46 22.00

WBZ 31.34 256 iPc 43 24.90 -1.9
 0.7s 67.60nm 5.6mb
 eScP 48 02.00
 eS 48 45.40
 eS 50 02.10

WRA 31.35 256 P 43 24.50 -2.4
 1.0s 21.10nm 5.0mb X
 TUZ 31.42 176 P 43 26.70 -0.5
 ASPA 32.24 249 iPd 43 33.00 -1.8
 0.6s 300.10nm 6.4mb
 eS 48 31.70
 eScP 50 04.40
 eScS 53 57.10

RAR 32.54 107 iPc 43 36.67 -0.6
 S 48 48.00
 MTN 34.59 268 eP 43 54.50 -0.7
 0.6s 167.00nm 6.1mb
 GUA 35.27 321 eP 44 01.80 0.9
 0.5s 219.72nm 6.3mb
 e 44 21.80 83kmX
 eS 49 31.00

PJG 35.33 321 eP 44 01.90 0.4
 KNA 36.62 263 iPc 44 11.30 -1.0
 FORT 38.93 239 eP 44 31.70 0.1
 WARB 39.16 246 eP 44 33.00 -0.7
 MCO 40.33 187 iPd 44 46.20 3.3X
 AFR 41.86 100 iP 44 58.30 2.4
 1.5s 740.00nm 6.2mb

PAE 42.04 100 iP 44 59.80 2.4
 1.5s 720.00nm 6.2mb
 PPT 42.05 100 iP 45 00.00 2.5
 1.5s 845.00nm 6.3mb
 PPN 42.19 100 iP 45 01.20 2.6
 1.5s 515.00nm 6.0mb

TBI 42.24 109 iP 45 01.10 2.2
 1.0s 265.00nm 5.9mb
 TVO 42.35 101 iP 45 02.70 2.7
 PMO 43.84 97 iP 45 15.10 3.1X
 VAH 44.07 97 iP 45 16.60 2.7

TPT 44.10 97 iP 45 17.20 3.0
 RUV 44.31 97 iP 45 18.60 2.7
 MNI 44.39 287 ePd 45 18.00 1.5
 1.2s 814.60nm 6.5mb
 COOL 44.74 241 eP 45 18.00 -1.3
 0.7s 159.00nm 6.0mb

MBL 44.98 255 iPc 45 20.90 -0.3
 0.3s 51.00nm 5.9mb
 MEEK 46.36 247 eP 45 31.00 -1.2
 0.6s 392.00nm 6.6mb
 MKS 47.37 276 iPd 45 42.00 1.8
 1.5s 1206.80nm 6.7mb

KLB 47.72 240 eP 45 41.00 -1.8
 0.6s 223.00nm 6.4mb
 BAL 48.47 242 eP 45 48.00 -0.7
 0.6s 110.00nm 6.1mb

PLP	48.61	299	ePd	45	49.00	-0.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</
-----	-------	-----	-----	----	-------	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

TUC	91.47	57	P'P'	15	50.08	
	1.3s		iPc	50	11.61	-0.2
			61.09nm			5.8mb
Z	20s		37.78um			6.8MsZ
			e	50	21.46	31km
			ePP	53	56.10	
AIA	91.74	161	eP	50	13.40	1.0
NEW	91.77	40	P	50	14.00	1.2
DUG	92.16	49	eP	50	14.71	-0.2
	1.1s		16.25nm			5.4mb
			iPKKP	07	32.83	
			P'P'	15	41.73	
WMO	92.21	315	ePc	50	15.63	0.7
	1.3s		68.00nm			5.9mb
Z	24s		42.80um			6.8MsZ
			ed	50	27.97	40kmX
			SKS	00	44.00	
			S	01	08.00	
HYB	92.55	287	eP	50	15.60	-1.3
	1.5s		285.70nm			6.5mb
			eS	00	48.00	
HVU	92.65	48	eP	50	16.72	-0.4
			ePP	54	01.96	
			PKKP	07	28.46	
			P'P'	15	37.04	
GBA	92.66	283	P	50	19.00	1.6
NVL	93.17	188	iPc+	50	16.80	-2.1
	1.8s		985.00nm			6.9mb
Z	25s		28.00um			6.6MsZ
N	25s		20.00um			
E	25s		14.00um			
			e	50	44.00	102kmX
			e	51	39.00	
			ePP	53	56.00	
			eSKS	00	49.00	
			eS	01	20.00	
			eSS	07	56.00	
PTI	93.25	47	eP	50	20.14	0.3
DAU	93.36	49	eP	50	19.85	-0.8
			PKKP	07	27.47	
EMUT	93.52	50	eP	50	20.97	-0.3
SRU	93.54	51	eP	50	20.84	-0.5
LRM	94.04	44	eP	50	22.40	-1.2
PV10	94.47	52	eP	50	26.00	0.3
SNA	95.02	184	e(P)	50	26.50	-0.9
	1.0s		588.00nm			7.0mb
ALQ	95.64	56	P+	50	20.91	-10.2X
Z	21s		7.39um			6.1MsZ
ANMO	95.64	56	ePc	50	29.36	-1.7
			ed	50	41.52	39kmX
			ed	50	48.73	
CRZF	95.82	219	iPc	50	37.00	5.5X
			ePP	53	07.00	
			iPPP	54	39.00	
			iS	01	34.00	
			eSP	02	49.00	
			iSPP	03	50.00	
			iSS	08	31.00	
			eSSS	12	46.00	
UKR	96.17	321	eP	50	31.20	-1.6
	1.4s		208.00nm			6.4mb
			iS	01	03.00	
SES	96.20	40	eP	50	33.00	-0.1
	1.3s		71.00nm			6.0mb
NDI	96.41	298	iPc	50	33.80	-0.6
	1.5s		69.44nm			5.9mb
POO	97.16	287	iPd	50	27.90	-10.1X
	1.4s		120.93nm			
GOL	97.56	51	eP	50	39.43	-0.3
	1.0s		16.70nm			5.5mb
Z	22s		58.25um			7.0MsZ
			ed	50	49.53	31km
			ed	50	53.00	
YKA	97.62	27	eP	50	38.60	-0.5
	0.8s		18.50nm			5.7mb
GLD	97.68	51	P	50	40.00	-0.2
Z	18s		18.45um			6.6MsZ
PRZ	98.44	312	eP	50	45.00	1.5
			e	54	50.00	
			iS	01	2	

			e	54	49.00		BAK	119.65	308	iPKPd	56	00.00	4.5X	KAF	124.82	339	ePKP	55	58.20	-6.6X		
			iS	01	22.00					iPPP	02	56.00			0.7s	181.40nm						
			e	03	42.00		RSNY	120.50	47	ePKP	55	55.11	-1.9	ARO	125.34	274	ePKP+	56	09.00	1.7		
KSH	99.64	308	P	50	50.00	1.0	Z	21s	20.39um			6.7MsZ	POF	125.81	216	iPKPc	56	10.00	2.3			
	0.9s				20.00nm	5.6mb	SHE	120.58	309	iPKPc	56	00.00	2.7		1.0s	150.00nm						
Z	25s				25.50um	6.6MsZ		1.0s	330.00nm				NUR	126.49	338	ePKP	56	06.50	-1.6			
N	17s				10.00um					i	57	24.00			0.7s	287.40nm						
E	17s				6.72um					i	02	56.00		SOC	126.50	314	iPKP	56	09.00	0.3		
			PP	54	53.00					iSS	14	02.00			1.2s	200.00nm						
			SKS	01	28.00		KTK1	120.87	346	ePKP	55	55.63	-1.4	Z	26s	13.20um			6.5MsZ			
			S	02	17.00		LVNJ	120.89	51	ePKP	55	56.88	-1.0	N	27s	7.00um						
FRU	101.24	311	(Pdiff	50	56.00	-0.1				e	56	12.42		E	27s	2.00um						
			e	55	12.00					eSKP	59	28.16					e	58	08.00			
			i	01	32.80		SDF	121.19	343	iPKP	55	55.80	-1.8				e	03	13.00			
			ePS	04	08.00		TBR	121.25	51	ePKP	55	57.64	-0.9				ePS	08	05.00			
			(PPS)	04	46.00		TXNY	121.27	51	iPKP	55	58.70	0.1				eSS	15	09.00			
UYO	105.23	58	iPKPc	55	21.60	-6.7X	GMTN	121.32	51	iPKP	55	58.30	-0.4	LMN	126.84	43	ePKP	56	11.00	1.8		
BRVK	105.33	322	ePdiff	51	14.00	0.1	PNJ	121.34	51	iPKP	55	55.30	-3.4X	CAR	127.58	88	iPKPd	56	12.00	0.3		
ULM	105.75	41	ePKPd	55	31.10	2.3				PP	56	37.80		ANN	127.77	316	ePKP	56	10.00	-1.0		
MIAR	106.00	58	(PKP)	55	30.93	1.2	TRO	121.36	347	ePKP	55	56.83	-1.0		1.2s	70.00nm						
Z	19s				18.88um	6.6MsZ	GRO	122.33	312	iPKPd	56	02.00	1.5				e	58	16.00			
MIAR	106.00	58	Pdiff	51	17.78	0.4				1.0s	720.00nm						i	03	16.00			
FCC	107.07	33	ePKP	55	36.00	5.0X	Z	20s			7.00um		6.3MsZ				eSS	15	46.00			
FVM	108.86	54	Pdiff	51	30.34	0.3	N	20s			24.00um			PPD	127.94	134	ePKP	56	10.10	-2.0		
Z	19s				92.36um	7.3MsZ	E	24s			33.60um						e	56	12.50			
			SP	05	29.98							57	42.00				e	56	14.10			
SLM	109.05	54	PKP	55	36.35	1.0						iPPP	00	12.00			e	56	22.30			
Z	19s				145.05um	7.6MsZ						i	03	00.00			e	57	04.40			
JFWS	109.25	49	ePKP	55	33.41	-2.2	FRS	122.34	220	iPKPc	56	03.50	2.6	NAI	128.00	257	iPKP+	56	13.00	0.3		
Z	20s				33.07um	6.9MsZ				0.5s	38.73nm						ePP	58	12.00			
JFWS	109.25	49	Pdiff	51	31.05	-0.6	KER	122.41	302	ePKP	56	02.00	0.8				ePKS	59	48.00			
SVE	110.84	326	iPdiff	51	51.50	13.1X	GRS	122.47	308	iPKP	55	58.00	-3.2X				iSKKS	05	10.00			
					56	19.00				1.3s	190.00nm						iPS	08	16.00			
			i	02	14.00							e	56	12.00		AKU	128.80	3	iPKP	56	14.70	2.4
			e	06	48.00							e	57	40.00			1.0s	148.00nm				
			e	11	39.00							i	03	00.00		Z	20s	32.62um		7.0MsZ		
MAIO	112.24	304	ePKP	55	44.00	2.4						iPS	07	26.00					i	59	31.40	
			i	02	17.00		TAB	122.67	306	iPKP+	56	03.00	1.4	AAE	128.83	270	ePKP	56	15.00	0.7		
GBTN	113.74	57	ePKP	55	44.49	0.0	HRV	122.99	49	Pdiff	52	32.98	0.2	AKKT	129.20	311	ePKP	56	16.80	2.7		
KAT	114.82	307	ePKP	55	48.00	1.6	HRV	122.99	49	ePKP	56	00.60	-1.2	MNK	129.38	330	ePdiff	53	16.00	15.1X		
			e	56	53.00		Z	20s			24.40um		6.9MsZ				e	58	28.00			
			i	02	33.00		BLE	123.03	212	iPKPc	56	05.00	2.8				e	03	20.00			
			ePS	06	26.00					1.0s	320.00nm			UPP	129.39	340	iPKP	56	12.00	-1.6		
			eSS	12	48.00		TUH	123.24	212	iPKPd	56	02.10	-0.5				i	56	14.50			
			eSSS	16	48.00					1.2s	187.50nm						i	59	31.40			
LPA	115.10	140	Pdiff	52	00.00	2.2	KIM	123.37	220	ePKP	56	20.80	17.6X	SVST	129.52	310	ePKP	56	18.00	3.3X		
Z	20s				19.86um	6.7MsZ	CIR	123.53	232	iPKPd	56	01.30	-2.3	MOL	129.81	348	ePKP	56	14.76	0.5		
LPA	115.10	140	ePKP-	55	44.00	-3.0X				i	57	27.00		SIM	129.87	317	iPKP	56	15.00	0.0		
PRM	115.23	59	ePKP	55	45.61	-1.7				i	59	25.00					iSKS	03	23.00			
DLA	115.63	49	PKP	55	47.80	0.0	SDV	123.68	89	iPKPd	56	02.50	-1.8	SIM	129.87	317	ePdiff	53	20.00	16.6X		
ELF	115.79	49	PKP	55	47.95	-0.2	LOF	123.71	348	ePKP	56	02.29	-0.2				e	58	28.00			
LDN	115.90	49	PKP	55	48.00	-0.3	ERE	123.76	309	iPKP	56	04.00	0.4				ePPP	01	16.00			
JSC	116.14	59	ePKP	55	48.63	-0.4				1.3s	38.00nm						i	03	20.00			
NAV	116.49	55	ePKP	55	48.86	-0.8						57	55.00				eSS	15	40.00			
LHS	116.52	59	ePKP	55	49.40	-0.4						i	03	05.00		TRHT	129.93	311	ePKP	56	17.90	2.5
BLA	116.79	55	PKP	55	51.00	0.7						iPS	07	41.00		REY	130.10	5	iPKP	56	16.60	1.8
HBF	116.87	60	ePKP	55	49.80	-0.7						iSS	14	44.00					i	59	34.70	
			e	56	04.76		SIV	123.89	121	ePKP	56	03.00	-1.4	VAO	130.21	138	ePKP	56	15.20	-1.2		
EEO	117.03	45	ePKP	55	53.50	3.1X	ITB7	123.94	134	e(PKP)	56	03.80	-0.5				e	56	17.60			
MCWV	117.13	53	PKP	56	00.00	9.2X	PYA	124.04	314	iPKPc	56	04.00	0.1				e	59	35.50			
Z	21s				64.07um	7.2MsZ	Z	22s			14.40um		6.6MsZ	NB2	130.30	345	PKP	56	13.90	-1.5		
YJA	117.16	125	ePKPc	55	51.00	-0.9						57	54.00		HFS	130.38	343	ePKP	56	15.40	-0.1	
CNCB	117.67	118	PKP	55	54.00	0.8						i	03	06.00			0.5s	25.80nm				
DAG	117.69	1	iPKPc	55	50.00	-0.8						eSS	14	40.00		CTK	130.82	312	ePKP	56	20.00	2.9
	0.5s				45.07nm		ITB1	124.10	134	e(PKP)	56	02.50	-2.0	FOO	131.19	348	ePKP	56	16.97	0.0		
Z	24s				43.41um	7.0MsZ	OBN	124.24	328	ePKPd	56	04.80	0.9				ic	59	39.44			
N	25s				32.13um		Z	24s			33.00um		6.9MsZ	KAS	131.36	313	iPKPd	56	20.20	2.1		
			ipP	57	02.50							iSKS	03	03.00		SUE	131.74	348	ePKP	56	19.00	1.0
LPB	117.70	118	PKP	55	53.90	0.9	OBN	124.24	328	(Pdiff	52	44.00	6.0X				i	59	42.10			
	1.0s				100.00nm		Z	24s			33.00um		6.9MsZ	8HL	131.87	303	PKP	56	18.00	-1.3		
			LR	32	31.00		N	24s			13.00um			KONO	131.91	345	ePKP	56	21.50	3.1X		
ZOBO	117.78	117	Pdiff	52	19.00	8.1X	E	24s			12.00um						id	59	42.30			
JAQ	117.82	36	ePKPd	55	50.70	-0.9						57	50.00		BURJ	132.05	300	PKPd	56	21.50	1.8	
CEH	117.90	57	Pdiff	51	59.23	-11.0X						iPPP	00	22.00		ASK	132.18	348	ePKP	56	20.30	1.4
CEH	117.90	57	ePKP	55	51.04	-1.3						i	03	03.00					i	59	41.86	
Z	20s				15.20um	6.6MsZ	CBM	124.33	43	ePKP	56	03.27	-1.1	SALJ	132.19	300	PKPc	56	21.30	1.4		
			SP	06	41.02		TOV	124.67	88	ePKPc	56	03.50	-2.5	MASJ	132.21	300	PKP	56	21.50	1.5		
SHI	117.91	296	ePKP	55	54.00	1.2						iPP	56	06.60		KFNJ	132.22	300	PKP	56	22.00	2.2
CCH	118.97	120	PKP	55	55.00	-0.3	PUL	124.75	335	ePdiff	52	56.00	15.9X	BER	132.25	348	ePKP	56	21.00	2.0		
APA	119.06	341	iPKPd	55	54.00	0.4	Z	25s			35.00um		6.9MsZ				ic	59	43.06			
CBN	119.15	54	ePKP	55	54.00	-0.6	N	25s			21.00um			MKRJ	132.30	300	PKP	56	23.50	3.3X		
	0.9s				21.10nm		E	25s			5.00um			KIS</								

[illegible]

KLL	140.64	340	iPKPd	56	29.10	-5.9X	VITF	142.83	339	PKP	56	35.91	-3.1X	SAOF	145.68	333	PKP	56	40.25	-3.8X
			ePKP	56	37.10		BSF	142.86	337	ePKP	56	32.70	-6.5X	SAOF	145.68	333	PKP	56	44.28	0.3
			e(PKS)	00	08.80			1.0s	176.00nm					AGO	145.68	340	PKP	56	42.91	-1.0
ENN	140.66	341	ePKP	56	30.00	-5.0X	HAU	142.87	338	ePKP	56	33.10	-6.0X	MAF	145.72	340	ePKP	56	42.40	-1.6
	0.9s	109.00nm						1.0s	212.80nm						0.9s	383.95nm				
			i	56	37.20			Z	23s	25.00um			6.9MszX	AUTN	145.73	333	PKP	56	40.53	-3.8X
			e	56	50.00		VDL	142.88	334	iPKPd	56	37.00	-2.4	AUTN	145.73	333	PKP	56	43.87	-0.5
			ePKS	00	08.00		PDCR	142.88	135	ePKP	56	29.40	-10.6X	TCF	145.78	341	ePKP	56	42.30	-1.8
			e	00	22.00				i	56	38.30			0.9s	353.80nm					
KBA	140.69	331	iPKPd	56	29.60	-5.9X			e	57	30.70		TOUF	145.79	333	PKP	56	43.67	-0.8	
	0.9s	101.00nm							e	00	13.10		SBF	145.83	333	PKP	56	43.67	-0.6	
			i	56	36.90		BBS	142.89	336	PKP	56	34.57	-4.6X	AURF	145.86	333	PKP	56	43.67	-0.7
			i	57	36.50		FG3	142.95	323	PKP	56	37.58	-1.9	MVIF	145.93	333	PKP	56	40.47	-4.1X
			i	59	39.00		SAL	143.09	332	PKP	56	37.20	-2.3	MVIF	145.93	333	PKP	56	44.28	-0.3
			i	00	07.20		LOMF	143.25	337	PKP	56	34.33	-5.5X	COLF	145.95	338	PKP	56	42.99	-1.4
			e	06	23.00		MDI	143.32	333	PKP	56	37.80	-2.0	PYM	145.99	339	PKP	56	44.81	0.3
			e	11	50.00		FG2	143.34	323	PKP	56	39.91	-0.1	MNO	145.99	318	PKP	56	46.60	1.7
BRY	140.69	322	iPKPd	56	28.91	-6.7X	RSM	143.39	328	PKP	56	40.20	0.2	LSF	146.02	341	ePKP	56	42.80	-1.7
LACI	140.71	320	ePKP	56	31.80	-3.6X	TMA	143.43	334	iPKP	56	35.60	-4.7X		0.9s	415.40nm				
TIR	140.77	319	ePKP	56	30.60	-5.0X	ARV	143.44	327	PKP	56	38.50	-1.7	PGF	146.12	330	PKP	56	41.05	-3.8X
MEM	140.77	341	iPKPc	56	30.12	-5.1X	FG4	143.55	322	PKP	56	39.43	-1.0	PGF	146.12	330	PKP	56	44.71	-0.2
			ic	56	37.42		VAI	143.66	334	PKP	56	38.20	-2.2	CALN	146.16	333	PKP	56	45.54	0.6
			ic	00	09.38		SFI	143.70	329	PKP	56	38.50	-2.0	MFF	146.19	344	ePKP	56	43.30	-1.4
FUR	140.80	334	ePKP	56	26.70	-8.7X	MMK	143.86	335	iPKPd	56	39.90	-1.2		0.9s	634.20nm				
	Z	20s	31.00um			7.1Msz	ASS	143.88	327	PKP	56	38.50	-2.5	MEU	146.31	317	PKP	56	49.40	4.1X
			i	00	09.60		TDS	143.94	320	PKP	56	38.10	-3.0X	LBL	146.35	339	PKP	56	45.52	0.4
ULC	140.81	321	iPKPd	56	31.23	-4.4X	AQU	143.97	326	PKP	56	38.70	-2.5	PZI	146.36	317	PKP	56	47.75	2.4
VBY	140.86	328	ePKP	56	30.40	-5.2X	SGO	144.03	322	PKP	56	37.70	-3.5X	GIB	146.38	319	PKP	56	49.20	3.8X
BDV	140.88	321	iPKPd	56	30.32	-5.4X	DIX	144.06	335	ePKPd	56	40.50	-1.0	FRF	146.42	333	ePKP	56	44.10	-1.1
DLF	140.96	354	ePKP	56	34.40	-1.1	MME	144.07	330	PKP	56	40.10	-1.4		1.1s	1051.00nm				
	0.7s	120.00nm					FIR	144.10	329	iPKPc	56	38.00	-3.2X	LRG	146.62	334	ePKP	56	44.80	-0.7
HCY	140.98	322	iPKPd	56	29.93	-6.0X	ORO	144.19	334	PKP	56	38.90	-2.6		0.9s	483.50nm				
DCN	140.99	354	ePKP	56	29.70	-5.8X	BOB	144.22	332	PKP	56	39.80	-1.8	Z	22s	18.00um			6.8Msz	
	0.7s	121.00nm					EMS	144.26	336	ePKPd	56	40.80	-0.9	LMR	146.66	333	ePKP	56	44.70	-0.8
UCC	141.11	342	PKP+	56	35.00	-0.8	FLN	144.28	345	ePKP	56	38.40	-3.0X		0.9s	560.85nm				
VOY	141.18	329	ePKP	56	31.50	-4.8X			0.8s	264.35nm			MCT	146.84	319	PKP	56	47.00	0.7	
TPE	141.24	318	ePKP	56	30.00	-6.4X		Z	23s	18.00um			6.8MszX	RJF	146.87	341	ePKP	56	44.60	-1.3
FVI	141.31	331	PKP	56	31.20	-5.1X	RFI	144.34	324	PKP	56	45.15	3.4X		1.2s	451.05nm				
WTTA	141.33	333	iPKPd	56	32.10	-4.5X	LDF	144.35	345	ePKP	56	38.60	-2.9X	FAI	147.03	318	PKP	56	50.90	4.6X
	1.1s	196.00nm						0.7s	120.40nm				CAF	147.03	340	ePKP	56	45.20	-1.0	
			i	56	38.50		MNS	144.35	326	PKP	56	38.10	-3.7X		0.9s	273.85nm				
			i	00	09.70		GRI	144.37	318	PKP	56	39.70	-2.2	BCAO	147.09	255	iPKPd	56	48.00	0.8
SNF	141.39	342	iPKPc	56	34.91	-1.4	LOR	144.37	340	ePKP	56	38.70	-3.0X		1.5s	400.00nm				
			ic	00	10.70				1.1s	221.75nm					i	59	04.00			
SRN	141.46	317	ePKP	56	33.20	-3.6X		Z	21s	28.00um			7.0Msz	ERC	147.25	320	PKP	56	48.50	1.7
TRI	141.47	329	e(PKP)	56	37.00	0.3	PII	144.50	330	PKP	56	39.10	-2.8	CVT	147.35	320	PKP	56	49.40	2.6
			e(PK)	59	44.00		LBF	144.58	339	ePKP	56	39.10	-3.0X	LVI	147.44	321	PKP	56	49.00	2.1
			e(SKP)	00	11.40			0.8s	99.15nm				LFF	147.44	341	ePKP	56	46.10	-0.7	
			e(SKS)	04	00.00		LSD	144.67	335	PKP	56	41.57	-1.0		0.8s	369.65nm				
			e(SKKS)	06	26.60		SSF	144.67	340	ePKP	56	39.70	-2.5	LPO	147.53	341	ePKP	56	46.40	-0.5
			e(SKSP)	09	24.00			0.9s	452.05nm					0.9s	445.50nm					
			e	11	24.00		RSL	144.70	336	PKP	56	39.88	-2.6	CGL	148.29	325	PKP	56	50.90	2.5
			e(SS)	23	56.00		GRR	144.72	346	ePKP	56	39.20	-3.0X	MTHF	148.60	337	PKP	56	51.02	2.3
								0.7s	386.30nm				LESF	148.96	339	PKP	56	52.53	3.2X	
VLO	141.48	318	iPKP	56	33.10	-3.7X	RMP	144.73	325	PKP	56	41.20	-1.2	ETER	149.02	336	iPKPc	56	51.62	2.3
HOFF	141.50	337	PKP	56	35.80	-0.8	RDP	144.75	325	PKP	56	40.61	-1.9	GRBF	149.04	339	PKP	56	52.22	2.7
ETA	141.52	353	ePKP	56	31.00	-5.5X	LPL	144.80	335	ePKP	56	40.50	-2.2	EPF	149.28	340	ePKP	56	51.20	1.4
LANF	141.53	338	PKP	56	31.74	-5.0X		0.7s	145.10nm					0.9s	152.00nm					
LANF	141.53	338	PKP	56	35.58	-1.1	LPG	144.80	335	ePKP	56	40.60	-2.2	OGE	149.42	341	PKP	56	52.31	2.3
WLF	141.53	340	iPKPd	56	32.96	-3.7X		1.2s	459.35nm				KCHT	149.46	322	iPKPd	56	52.00	1.7	
			ic	00	11.76		PCP	144.80	333	PKP	56	40.44	-2.1	ESCF	149.53	341	PKP	56	51.99	1.8
SRBF	141.56	337	PKP	56	31.68	-5.1X	RSP	144.88	334	PKP	56	41.67	-1.1	MADF	149.54	342	PKP	56	51.79	1.6
DOU	141.66	341	PKP	56	33.10	-3.8X	SMF	144.92	339	ePKP	56	39.40	-3.2X	ATE	149.56	342	PKP	56	52.55	2.4
			i	56	41.60			0.9s	336.75nm				ELYF	149.57	342	PKP	56	51.29	1.0	
			e	00	09.00		AVF	144.96	340	ePKP	56	39.60	-3.0X	BOH	149.64	342	PKP	56	52.59	2.2
			e	06	30.00			0.9s	398.35nm				ISSF	149.64	342	PKP	56	52.79	2.3	
			e	18	06.00		CKI	145.01	333	PKP	56	42.40	-0.4	ZGN	149.83	320	iPKPc	56	53.30	2.4
HVAR	141.74	324	iPKP	56	32.40	-4.9X	SOI	145.03	318	PKP	56	41.50	-1.5	ECRI	150.52	344	iPKPc	56	52.38	0.7
			i	00	10.20		LPF	145.09	346	ePKP	56	40.70	-2.1	EMON	150.75	351	iPKPc	56	54.28	2.3
ECB	141.91	354	ePKP	56	33.00	-4.2X		0.7s	488.60nm				ESEL	151.13	334	ePKP	56	55.37	2.8	
VVI	141.92	331	PKP	56	35.10	-2.4	GMB	145.10	318	PKP	56	42.65	-0.7	E8R	151.19	338	iPKP+	56	53.00	0.4
ECP	142.04	353	ePKP	56	34.00	-3.5X	BHB	145.12	334	PKP	56	41.47	-1.6	EROO	151.22	338	iPKPd	56	54.18	1.5
WLS	142.17	337	PKP	56	34.33	-3.6X	MAO	145.13	328	PKP	56	42.40	-0.7	STS	151.46	353	ePKP	56	54.80	1.8
CDF	142.19	338	PKP	56	34.54	-3.5X	BNI	145.20	335	PKP	56	41.90	-1.4	ERUA	151.74	350	iPKPd	56	55.00	1.5
CDF	142.19	338	ePKP	56	30.80	-7.2X	FIN	145.21	332	PKP	56	40.34	-2.9X	ECHE	152.80	339	iPKPd	56	56.74	1.6
	1.0s	132.80nm					RRL	145.26	335	PKP	56	43.21	-0.3	GUD	152.80	34				

15d 22h

GIBL 156.86 345 ePKP 57 04.00 3.3X	SKT 2.77 316 eP 08 06.14 1.0	TNP 0.7s 19.31nm 5.1mb
ALJ 156.91 344 ePKP 57 05.00 4.1X	NCT 2.78 283 eP 08 02.79 -2.5	78.67 43 ePd 13 32.41 0.1
EJIF 157.08 344 ePKP 56 59.88 -1.1	YAH 2.86 82 eP 08 04.34 -2.3	0.7s 19.06nm 5.1mb
CNIL 157.31 345 ePKP 57 03.00 1.8	SYI 2.93 242 eP 08 06.19 -1.1	KVN 78.69 41 ePd 13 32.42 0.0
EMEL 157.33 338 ePKP 57 03.72 2.5	PAX 3.06 17 eP 08 08.52 -0.9	TUC 79.89 50 iPd 13 39.66 0.8
PLAT 157.47 344 ePKP 57 04.00 2.5	CTGM 3.15 71 eP 08 08.87 -1.9	0.8s 22.00nm 5.1mb
IFR 159.70 340 iPKPd 57 08.00 3.8X	52 obs. associated	ARUT 80.96 45 iPd 13 45.00 0.5
AVE 160.57 345 iPKPd 57 06.50 1.6		LON 81.40 34 eP 13 46.05 -0.4
		MDJ 81.85 323 eP 13 49.80 1.1
TBT 165.29 16 iPKPc 57 12.80 3.2X	OCT 16, 1992 00h 01m 35.92± 1.36s	1.0s 9.20nm 4.7mb
ANTZ 165.77 348 iPKPd 57 11.50 1.5	19.723 S ± 4.9km 174.445 W ± 7.0km	SVW 81.96 9 eP 13 48.80 -0.2
CFTV 166.17 3 iPKPc 57 12.50 2.1	DEPTH = 70.1 ± 12.4 km	BGL 82.63 11 eP 13 51.79 -0.8
CHIE 166.17 18 iPKPc 57 13.80 3.5X	5.1mb (24 obs.)	CRP 82.67 11 iPc 13 52.03 -0.9
KIC 168.31 227 PKP 57 10.50 -1.8	TONGA ISLANDS (173)	PWA 83.44 12 eP 13 56.40 -0.2
1.0s 69.00nm		0.9s 50.60nm 5.5mb
PKPab 58 23.00	AFI 6.32 24 iPd 03 07.40 -1.3	PMR 83.53 12 (P) 13 56.68 -0.3
PP 02 11.00	BKM 16.53 274 iPc 05 30.50 5.7X	1.0s 25.22nm 5.2mb
LIC 168.42 225 PKP 57 09.68 -2.6	DZM 18.01 259 iPc 05 45.60 2.4	HVU 83.59 41 ePd 13 58.24 0.2
1.1s 63.00nm	OUZ 18.71 212 P 05 52.50 1.1	SRU 83.60 45 eP 13 57.83 -0.3
PKPab 58 23.00	WCZ 18.93 209 P 05 55.10 1.1	TTA 83.65 8 eP 13 58.90 1.2
PP 02 12.00	KUZ 19.02 205 P 05 55.40 0.4	CN2 83.77 321 eP 14 00.50 1.9
TIC 168.71 227 PKP 57 10.52 -2.0	URZ 19.87 200 P 06 03.30 -0.7	0.8s 6.10nm 4.7mb
0.9s 50.00nm	NOZ 19.92 198 eP 06 06.40 1.8	DPW 84.01 34 iPd 13 59.82 0.0
PKPab 58 24.00	TAZ 20.05 201 eP 06 07.50 1.6	ALO 84.33 50 iPd 14 02.65 0.7
PP 02 15.00	WLZ 20.05 204 P 06 06.80 0.9	1.1s 57.30nm 5.5mb
MBO 176.45 92 iPKPc 57 17.60 2.2	PATZ 20.27 202 eP 06 08.90 0.6	TOA 84.60 13 eP 14 03.50 1.0
S.D. = 1.4 on 524 of 692 obs.	PAHZ 20.44 199 eP 06 09.20 -0.8	HHA1 84.66 40 eP 14 04.26 0.9
	MAHZ 20.50 197 eP 06 11.60 1.1	NEW 84.82 34 eP 14 03.50 -0.4
	MOZ 20.91 204 eP 06 15.70 1.0	0.4s 7.59nm 5.1mb
OCT 15, 1992 23h 07m 21.29s	TTH 21.14 199 eP 06 17.10 0.2	LRM 86.01 38 eP 14 10.10 0.0
60.067 N 147.441 W	NGZ 21.21 202 P 06 17.60 -0.3	BW06 86.14 42 eP 14 09.80 -1.0
DEPTH = 23.1km	WAHZ 21.43 200 eP 06 18.00 -1.9	1.0s 5.67nm 4.6mb
SOUTHERN ALASKA (2)	KIW 22.95 201 eP 06 34.10 -0.8	FBA 86.81 11 iPd 14 12.81 -0.5
<AEIC>. ML 2.6 (AEIC).	MTW 23.02 200 eP 06 35.90 0.3	0.8s 54.77nm 5.7mb
MTU 0.13 233 ePd 07 25.94 -0.1	CAW 23.12 201 eP 06 36.40 -0.1	IMA 86.96 8 eP 14 14.32 0.2
LTJ 0.21 263 eP 07 26.59 -0.3	DIW 23.25 203 eP 06 36.40 -1.4	1.2s 14.69nm 5.0mb
KNIM 0.32 333 iPd 07 28.07 -0.4	MRW 23.35 201 eP 06 38.00 -0.7	BJI 87.72 314 eP 14 19.50 1.3
	TCW 23.48 202 P 06 38.90 -1.1	TIY 89.28 311 eP 14 27.60 1.8
HIN 0.57 54 iPc 07 31.88 -0.8	QRZ 23.80 205 eP 06 43.60 0.5	SES 89.30 35 eP 14 26.00 0.4
	THZ 24.46 203 eP 06 49.30 -0.3	8DT 92.56 287 eP 14 43.50 2.3
GLI 0.83 12 iPd 07 35.50 -1.5	KHZ 24.80 202 eP 06 52.40 -0.3	0.8s 31.10nm 5.8mb
	DSZ 24.87 205 eP 06 54.60 1.2	YKA 94.44 24 eP 14 48.60 -0.3
FID 0.84 34 iPd 07 35.25 -1.8	LTZ 25.58 203 eP 06 58.70 -1.4	0.9s 4.80nm 4.9mb
	MOZ 26.25 201 eP 07 09.50 3.4X	FVM 97.36 52 (P) 15 02.52 -0.2
MID 0.85 138 P 07 36.50 -0.8	LMZ 27.54 206 eP 07 16.10 -1.8	0.9s 10.50nm 5.4mb
CVA 0.97 60 iPc 07 37.53 -1.8	BWZ 27.97 204 eP 07 21.50 -0.3	DMU 144.57 13 ePKP 21 04.00 -1.7
	ODZ 28.12 203 eP 07 26.30 3.1X	DCN 145.01 13 ePKP 21 05.80 -0.6
SEW 1.01 273 iPc 07 38.29 -1.6	LRCZ 28.63 204 eP 07 27.10 -0.8	DLF 145.21 13 ePKP 21 06.50 -0.3
MPA 1.05 295 eP 07 38.61 -1.9	MHZ 28.65 204 eP 07 27.20 -0.9	WTS 147.78 359 ePKP 21 14.50 3.5X
VZW 1.09 23 eP 07 39.68 -1.5	MMCZ 28.66 205 eP 07 26.40 -1.8	1.0s 27.00nm
PTE 1.12 316 eP 07 40.38 -1.1	SBCZ 28.66 204 P 07 29.40 1.3	KSP 147.80 347 iPKPd 21 14.50 3.4X
	CMCZ 28.72 204 eP 07 29.90 1.2	CLL 147.94 351 iPKPd 21 14.50 3.2X
SGAM 1.20 68 iPc 07 40.84 -1.8	TLC 28.84 205 eP 07 31.20 1.4	1.1s 39.00nm
VLZ 1.20 27 iPd 07 41.44 -1.2	MSZ 28.88 207 eP 07 35.50 5.5X	i 21 38.90
	CNB 35.43 236 iPc 08 27.30 -0.1	BRG 148.21 350 iPKPd 21 15.40 3.6X
RAGM 1.42 76 eP 07 43.90 -1.9	0.9s 24.00nm 5.1mb	0.8s 20.00nm
KNK 1.44 340 eP 07 45.21 -0.9	CAN 35.72 237 eP 08 29.00 -0.8	i 21 18.00
SLKM 1.45 289 ePc 07 44.47 -1.9	BWA 35.94 238 eP 08 29.00 -2.7X	SPC 148.32 342 ePKP 21 17.20 4.9X
KAIM 1.53 94 eP 07 45.45 -1.9	CTA 36.90 263 iPc 08 39.50 -0.3	MOX 148.77 353 ePKP 21 17.20 4.5X
PMS 1.58 319 P 07 47.00 -1.1	0.7s 13.70nm 5.0mb	2.0s 51.00nm
HMT 1.61 79 eP 07 46.59 -2.0	i 09 22.00	PRU 148.96 349 PKPd 21 17.50 4.5X
KLU 1.61 27 iPd 07 47.64 -1.1	TOO 39.05 234 iPd 08 57.30 -0.4	ENN 149.02 360 ePKP 21 17.00 4.0X
PLRM 1.74 332 eP 07 50.91 0.5	0.6s 37.00nm 5.5mb	0.9s 7.00nm
SCM 1.77 2 ePd 07 50.26 -0.7	STK 41.13 244 eP 09 14.30 -0.5	DOU 149.69 1 PKP 21 19.20 5.1X
SML 1.80 346 eP 07 50.70 -0.7	0.5s 4.50nm 4.5mb	0.7s 17.80nm
GHO 1.86 338 eP 07 51.66 -0.6	ASPA 47.95 256 iPd 10 08.50 -1.2	GRF 149.76 353 iPKPd 21 19.90 5.7X
PWA 1.99 324 P 07 53.90 -0.1	0.9s 16.80nm 5.0mb	id 21 24.90
CNPM 1.99 256 eP 07 54.73 0.6	eS 16 55.80	HRI 149.93 303 iPKPd 21 18.70 3.6X
TOA 2.14 16 P 07 56.00 -0.2	WB2 48.01 261 eP 10 08.50 -1.6	KHC 149.96 349 PKP 21 15.00 0.4
TZL 2.21 25 eP 07 57.31 0.0	0.4s 4.90nm 4.8mb	1.0s 11.10nm
CROM 2.24 70 ePc 07 55.78 -2.1	WRA 48.02 261 P 10 08.40 -1.8	e 21 20.00
GLB 2.25 51 ePd 07 56.50 -1.4	0.8s 1.10nm 3.9mb X	e 21 25.90
SNH 2.31 85 eP 07 56.53 -2.1	WARB 54.25 251 eP 10 55.00 -2.1	WLF 150.12 359 PKP 21 21.00 6.3X
WAX 2.32 78 iPc 07 56.12 -2.7	SPA 70.40 180 iPd 12 45.60 1.3	SRO 150.12 343 iPKP 21 20.30 5.5X
TGL 2.39 71 eP 07 57.71 -2.2	1.1s 23.81nm 5.0mb	GEC2 150.21 349 PKP 21 20.40 5.3X
RDT 2.52 284 eP 07 59.35 -2.4	MAT 71.63 321 iPc 12 51.00 -0.9	0.9s 8.54nm
SPU 2.53 298 eP 07 59.93 -2.0	0.7s 10.27nm 4.9mb	GEC2 150.21 349 PKP 21 14.10 -1.0
CGLM 2.57 301 eP 08 00.40 -2.0	BCH 75.10 44 iPd 13 12.46 0.1	1.1s 1.32nm
BKG 2.58 295 eP 08 00.66 -2.0	ABL 75.46 44 ePd 13 14.32 -0.2	FLN 150.62 8 ePKP 21 20.80 5.3X
SDG 2.63 20 eP 08 02.41 -0.9	ARN 75.52 41 ePd 13 14.83 0.2	1.0s 61.60nm
REF 2.65 281 eP 08 01.28 -2.5	PLM 76.17 47 iPd 13 18.12 -0.4	JVI 150.66 300 iPKPd 21 20.30 4.1X
DFR 2.66 284 eP 08 01.07 -2.7	ISA 76.43 44 ePd 13 20.08 0.2	LANF 150.76 357 PKP 21 22.14 6.4X
CKL 2.67 297 eP 08 02.16 -1.7	0.9s 24.85nm 5.1mb	HOFF 150.79 357 PKP 21 22.56 6.8X
NCG 2.68 302 eP 08 02.02 -1.9	GSC 77.32 45 iPc 13 24.83 0.0	LDF 150.84 8 ePKP 21 21.30 5.4X
RED 2.68 280 eP 08 01.71 -2.3	GLA 77.41 48 iPc 13 25.70 0.5	1.1s 62.50nm
BALM 2.70 67 iPc 08 01.98 -2.3	BONR 77.91 42 iPd 13 28.26 0.0	GRR 150.94 9 ePKP 21 21.80 5.8X
BGL 2.72 298 eP 08 01.57 -2.9	TPNV 78.64 44 eP 13 32.24 0.1	0.9s 39.65nm

LPF 151.26 9 ePKP 21 22.50 6.0X 0.7s 38.05nm	RAC 0.57 229 eP 04 50.00 -0.9 iS 04 58.80	PEC 0.68 265 eP 09 46.97 -1.0 PLM 0.74 216 eP 09 48.27 -0.9 eS 09 57.80
WLS 151.34 358 PKP 21 23.16 6.5X	OJC 0.65 111 iPg 04 52.00 -0.4 iSg 05 01.10	SSK 1.15 283 ePn 09 56.00 -0.4 eS 10 10.44
CDF 151.35 358 PKP 21 23.33 6.6X	SPC 1.56 144 ePn 05 07.50 0.1 i(Sg) 05 30.30	GSC 1.39 344 (P) 10 00.37 -0.1 GLA 1.56 125 ePn 10 00.67 -2.1
ECH 151.55 358 PKP 21 22.74 5.8X	VRAC 1.86 233 ePn 05 12.80 1.3 0.6s 41.00nm	ISA 2.44 315 (Pn) 10 13.61 -2.0 ABL 2.54 291 eP 10 17.21 0.1
VITF 151.57 359 PKP 21 23.93 6.9X	PRU 2.81 262 Pg 05 33.70 8.5X Sg 06 07.20	TPNV 2.99 1 (P) 10 20.10 -3.3 8 obs. associated
RMN 151.65 298 iPKPd 21 22.40 4.6X	BRG 3.15 279 iPg 05 42.00 12.0X iSg 06 20.00	? OCT 16, 1992 01h 32m 15.65±2.34s 17.588 N ±26.1km 63.233 W ±11.5km DEPTH = 180.1 ± 30.1 km LEEWARD ISLANDS (92) MD 3.6 (TRN).
HAU 151.78 359 ePKP 21 23.70 6.4X 0.7s 8.60nm	KHC 3.67 251 Pn 05 37.00 -0.4 Pg 05 49.00 Sg 06 32.00	SKI 0.54 118 iP 32 40.69 -0.2 eS 32 59.36
MOF 151.91 358 PKP 21 24.26 6.6X	GEC2 3.72 246 Pn 05 38.20 0.0 Pg 05 47.70 Sg 06 35.10	NEV 0.78 125 iP 32 42.04 -0.1 eS 33 02.42
BSF 151.94 358 ePKP 21 24.00 6.3X 1.0s 10.60nm	S.D. = 1.0 on 6 of 8 obs.	MGH 1.30 131 iP 32 46.40 0.3 eS 33 07.05
LOMF 152.42 358 PKP 21 25.80 7.4X	OCT 16, 1992 01h 08m 13.58±0.68s 35.619 S ± 6.4km 179.799 E ±10.9km DEPTH = 39.7km (2 depth phases) 4.5mb (7 obs.) OFF E. COAST OF N. ISLAND, N.Z. (160)	CPB 1.34 88 iP 32 46.68 0.2 eS 33 07.56
LOR 152.49 3 ePKP 21 25.50 7.1X 1.3s 21.30nm	HBZ 2.31 211 eP 08 50.10 0.0 NOZ 3.31 205 eP 09 03.70 -0.5 URZ 3.40 218 P 09 06.10 0.6 eS 09 49.90	BPA 1.42 112 iP 32 46.90 -0.3 eS 33 07.82
SSF 152.68 3 ePKP 21 26.00 7.4X 1.0s 20.80nm	KUZ 3.49 250 P 09 09.80 3.1X PAHZ 3.91 213 P 09 13.10 0.4 WLZ 4.05 235 eP 09 15.70 0.9	CPD 2.59 280 P 33 00.00 0.1 LPR 2.61 286 P 33 00.10 0.0
LBF 152.78 2 ePKP 21 26.10 7.3X 0.7s 5.75nm	WHH 4.19 218 eP 09 16.90 0.1 TTH 4.57 210 eP 09 20.10 -2.0 WAHZ 4.90 213 eP 09 25.70 -1.1	SJG 2.83 281 iP 33 03.10 0.4 CLLP 3.22 279 P 33 07.80 0.3 PORP 3.28 279 P 33 08.10 -0.1
MFF 152.79 9 ePKP 21 25.80 7.0X 0.8s 9.65nm	MOZ 4.93 233 P 09 28.80 1.7 OUZ 5.08 273 eP 09 32.50 3.2X MRW 6.88 214 eP 09 58.00 3.4X S 11 10.20 e 12 00.40	APR 3.44 285 P 33 09.90 -0.3 LRS 3.51 282 P 33 11.10 -0.1 S 33 49.60
AVF 152.94 3 ePKP 21 26.20 7.2X 0.9s 6.40nm	DZM 17.84 316 iPc 12 20.70 0.2 BRS 24.40 282 iPc 13 31.50 2.0 1.0s 5.00nm 4.0mb	MGP 3.70 277 P 33 13.30 -0.2 S.D. = 0.3 on 13 of 13 obs.
VBY 153.06 345 ePKP 21 27.00 7.8X	BWA 25.67 263 eP 13 42.00 39km STK 31.85 266 eP 13 40.80 -0.7 1.0s 3.70nm 4.2mb	? OCT 16, 1992 02h 48m 13.61±0.98s 67.568 N ±10.3km 15.008 E ± 9.9km DEPTH = 10.0km (geophysicist) NORTHERN NORWAY (646) MD 3.3 (BER).
SMF 153.11 3 ePKP 21 26.60 7.4X 0.9s 5.90nm	CTA 33.26 289 iPc 14 49.00 -0.3 1.0s 22.50nm 5.0mb	LOF 0.79 316 iPc 48 29.02 0.0 eSg 48 39.87
BGF 153.14 4 ePKP 21 26.80 7.5X 0.8s 9.65nm	ASPA 41.29 274 iPd 15 00.00 40km 1.0s 20.60nm 4.8mb	KTK1 3.38 61 eP 49 08.21 0.7 eSg 49 56.73
LSF 153.34 6 ePKP 21 26.80 7.2X 1.0s 19.40nm	WB2 42.75 279 iPd 16 07.70 -1.2 0.4s 17.60nm 5.1mb	ARA0 4.33 58 Pn 49 20.24 -0.7 Pg 49 31.89 Sn 50 10.24 Lg 50 30.19
TCF 153.36 5 ePKP 21 27.20 7.6X 0.8s 7.80nm	WRA 42.76 279 P 16 07.30 -1.6 1.0s 5.10nm 4.2mb	NRA0 7.02 194 P 49 58.92 0.0 S.D. = 1.0 on 4 of 4 obs.
MAF 153.46 5 ePKP 21 27.60 7.9X 0.8s 8.35nm	SPA 54.56 180 iPc 17 41.20 1.2 1.1s 5.95nm 4.5mb	* OCT 16, 1992 03h 28m 35.76±1.12s 38.310 N ±11.9km 8.663 W ±10.0km DEPTH = 10.0km (geophysicist) PORTUGAL (376) mbLg 2.6 (MDD).
LFF 154.54 8 ePKP 21 30.70 9.5X 0.6s 2.80nm	NVL 73.56 184 P 19 47.00 3.2X BCAO 144.47 213 iPKPd 27 42.50 -5.4X 1.2s 18.00nm	LIS 0.56 317 eP 28 47.00 0.0 iS 28 53.20
LPO 154.85 7 ePKP 21 30.80 9.2X	SDF 144.70 343 iPKP 27 40.00 -6.6X OBN 148.15 319 iPKPd 27 52.00 -0.6 2.0s 96.00nm	EVAL 1.68 115 ePn 29 05.70 0.4 eSn 29 27.00
BCAO 160.23 221 iPKPc 21 29.50 0.4 1.0s 8.00nm i 21 51.50 S.D. = 1.0 on 91 of 139 obs.	KAF 148.71 336 ePKP 27 52.40 -0.9 ARV1 150.06 271 ePKP 27 56.50 0.2 JVI 150.32 273 ePKP 27 57.00 0.2 LIC 150.41 170 PKP 28 01.86 4.5X NUR 150.42 335 ePKP 27 56.80 0.9 RMN 150.46 270 ePKP 27 57.50 0.4 KIC 150.58 171 PKP 28 01.36 3.7X 1.0s 15.50nm	EPLA 2.66 48 ePn 29 20.00 0.5 eSn 29 52.50
? OCT 16, 1992 00h 42m 30.05±1.01s 31.575 S ± 9.7km 117.017 E ± 8.5km DEPTH = 10.0km (geophysicist) WESTERN AUSTRALIA (590)	ZNT 150.67 274 ePKP 27 57.80 0.6 CSS 152.69 278 ePKP 28 04.00 3.9X NB2 153.53 348 PKP 28 03.90 3.4X 0.8s 2.70nm S.D. = 1.0 on 25 of 35 obs.	EHOR 2.74 99 ePn 29 21.00 0.5 EPRU 3.04 115 ePn 29 25.00 0.2 eSn 30 01.00
KLB 0.63 92 eP 42 42.80 0.0 eS 42 51.50	& OCT 16, 1992 01h 09m 34.37s 33.958 N 116.345 W DEPTH = 5.4km SOUTHERN CALIFORNIA (43) <PAS-P>. ML 2.8 (PAS).	EBAN 3.84 91 ePn 29 36.00 -0.2 eSn 30 20.00
MUN 0.80 240 eP 42 45.60 0.1 eS 42 56.00		EGUA 4.31 108 ePn 29 42.00 -0.9 ETOR 5.69 62 ePn 30 02.00 -0.4 eSn 31 06.00
BAL 1.00 345 eP 42 49.50 0.5 eS 43 02.00		S.D. = 0.6 on 8 of 8 obs.
MRWA 2.51 339 eP 43 11.00 -0.5 eS 43 43.00 S.D. = 0.7 on 4 of 4 obs.		OCT 16, 1992 03h 55m 48.87±0.17s 23.967 S ± 3.7km 179.834 W ± 4.3km DEPTH = 506.3km (9 depth phases) 5.2mb (38 obs.) SOUTH OF FIJI ISLANDS (171)
? OCT 16, 1992 01h 03m 11.81±0.97s 37.143 N ± 9.4km 20.653 E ± 7.4km DEPTH = 33.0km (normal) IONIAN SEA (399) MD 3.5 (ATH).		VUN 6.14 345 iPc 57 26.10 -1.6 MBU 7.09 349 iP 57 35.70 -1.5 AFI 12.57 39 eP 58 30.00 -4.5X
VLI 1.88 102 ePn 03 42.00 -0.2		
AGG 2.30 35 eP 03 49.10 1.0		
LIT 3.29 25 eP 04 02.70 0.5		
FNA 3.68 9 eP 04 06.82 -1.0		
GRG 4.04 19 eP 04 11.38 -1.6		
SOH 4.23 29 eP 04 16.46 0.8		
KNT 4.38 23 eP 04 17.02 -0.7		
VAY 4.43 19 iPn 04 19.40 1.0		
MEU 4.57 271 P 04 20.30 -0.3		
SRS 4.58 29 eP 04 21.54 1.0		
SKO 4.86 7 ePn 04 23.00 -1.5 i 04 25.90 i 05 19.50		
SGO 5.39 311 P 04 33.00 1.1		
ZST 11.35 348 eP 06 02.60 8.0X		
KER 21.63 89 eP 08 01.00 -0.2		
TEH 24.71 84 e(P) 08 45.00 13.6X S.D. = 1.1 on 13 of 15 obs.		
* OCT 16, 1992 01h 04m 39.39±2.35s 50.460 N ±30.3km 18.856 E ± 6.8km DEPTH = 10.0km (geophysicist) POLAND (548) ML 3.2 (WAR).		

DZM	12.78	276	eS	00	38.00	
			iPc	58	39.40	2.8
			iS	01	08.10	
			ScP	06	17.80	
WCZ	12.95	202	P	58	41.90	3.7X
KUZ	13.30	196	P	58	44.30	2.5
			e	59	23.40	
WLZ	14.40	195	P	58	55.00	2.0
			e	58	59.20	
URZ	14.48	190	eP	58	51.70	-2.2
			eS	01	23.10	
NOZ	14.72	187	eP	58	57.20	1.0
WHH	15.20	191	eP	59	01.00	-0.2
MOZ	15.20	196	eP	59	03.40	2.3
NGZ	15.65	193	eP	59	06.80	1.0
WAHZ	16.01	191	eP	59	08.50	-0.8
BSZ	16.39	194	eP	59	13.20	0.3
PGZ	16.92	190	P	59	17.60	-0.5
KIW	17.42	193	eP	59	21.40	-1.6
MTW	17.58	192	eP	59	23.70	-0.9
CAW	17.62	193	eP	59	24.20	-0.7
MRW	17.81	194	eP	59	25.30	-1.5
			eS	02	21.50	
SNZO	17.89	193	P	59	22.00	-5.5X
			S	02	21.40	
TCW	17.89	195	eP	59	26.90	-0.6
QRZ	17.99	199	P	59	30.60	2.1
THZ	18.75	197	eP	59	36.90	0.9
			eS	02	40.00	
DSZ	19.05	199	P	59	39.80	0.9
KHZ	19.21	195	eP	59	40.00	-0.2
			S	02	47.60	
LTZ	19.87	197	P	59	46.20	-0.5
			eS	02	57.30	
MOZ	20.64	196	eP	59	52.70	-1.0
EWZ	20.95	199	eP	59	56.40	-0.2
BWZ	22.17	200	P	00	06.10	-1.7
ODZ	22.41	198	eP	00	09.30	-0.7
LRCZ	22.82	200	eP	00	12.50	-1.4
MHZ	22.83	200	P	00	12.50	-1.5
SBZC	22.85	200	eP	00	12.70	-1.4
MSZ	22.95	203	eP	00	15.70	0.9
TUZ	23.53	199	P	00	20.20	0.1
BCZ	24.14	201	eP	00	25.50	-0.1
SIZ	24.81	200	eP	00	32.10	0.5
BRS	24.90	256	iPc	00	33.00	0.3
	0.6s	10.00nm				4.5mb
			i	01	47.00	
AFR	28.79	83	iP	01	06.30	-0.5
	0.9s	120.00nm				5.4mb
PAE	28.93	83	iP	01	07.60	-0.4
	0.9s	85.00nm				5.3mb
PPT	28.96	83	iP	01	08.00	-0.4
	0.9s	125.00nm				5.5mb
PPN	29.10	83	iP	01	09.20	-0.4
	0.9s	60.00nm				5.1mb
TVO	29.19	84	iP	01	10.00	-0.4
	0.9s	155.00nm				5.5mb
CAN	29.24	240	eP	01	11.70	1.0
			ePP	02	39.50	
			eScP	06	56.50	
BWA	29.50	242	iPc	01	11.50	-1.5
			ePP	02	39.10	
PMO	31.34	79	iP	01	28.30	-0.5
	1.0s	70.00nm				5.2mb
VAH	31.49	80	iP	01	29.50	-0.6
	1.0s	70.00nm				5.2mb
TPT	31.60	80	iP	01	30.60	-0.3
	1.0s	115.00nm				5.4mb
CTA	31.63	270	iPd	01	32.00	0.8
	0.5s	102.11nm				5.6mb
			e	01	53.00	92kmX
			i	02	47.00	
			i	04	09.00	
			i	06	04.00	
RUV	31.73	80	iP	01	31.40	-0.7
	1.0s	85.00nm				5.2mb
MCO	34.35	202	eP	01	55.60	1.9
PMG	34.66	289	iPd	01	56.20	-0.5
	0.9s	75.63nm				5.2mb
STK	34.84	248	iPd	01	59.10	1.0
	0.3s	21.40nm				5.2mb
			e	04	18.20	
ASPA	42.18	261	iPd	02	58.00	0.0
	0.6s	157.20nm				5.7mb
			iPcP	07	45.60	
			ePcS	08	31.40	

				eS	08	39.70	
				iScS	12	03.50	
WB2	42.54	266	iPd	03	00.20	-0.7	
	0.3s		80.20nm	07		5.7mb	
				iScP	07	46.50	
				iS	08	44.40	
WRA	42.55	266	P	03	00.20	-0.8	
	0.7s		11.60nm			4.5mb	
MTN	47.61	274	eP	03	38.60	-1.6	
	0.4s		92.00nm			5.6mb	
WAR8	48.25	256	iPd	03	44.00	-0.9	
KNA	48.81	270	iPd	03	48.70	-0.6	
	0.6s		123.00nm			5.5mb	
HKL	49.99	29	eP	03	56.31	-2.0	
COOL	52.33	249	eP	04	14.00	-1.0	
SBA	54.32	183	ePd	04	32.00	3.5X	
KLB	55.10	247	iPd	04	33.80	-0.8	
	0.4s		62.00nm			5.3mb	
MEEK	55.24	253	eP	04	34.00	-1.7	
	0.4s		25.00nm			4.9mb	
RKG	55.32	244	eP	04	35.30	-0.8	
MBL	55.42	260	iPd	04	35.70	-1.3	
	0.3s		34.00nm			5.2mb	
BAL	56.15	248	iPd	04	41.00	-0.9	
	0.4s		88.00nm			5.4mb	
MUN	56.34	247	iPd	04	42.60	-0.7	
MRWA	57.00	250	eP	04	47.10	-0.8	
	0.4s		66.00nm			5.3mb	
NANU	58.91	257	iPd	05	00.60	-0.3	
	0.4s		113.00nm			5.6mb	
CSY	60.12	206	eP	05	00.20	-0.1	
	0.5s		51.80nm			5.2mb	
SPA	66.18	180	iPd	05	49.00	1.7	
	1.0s		140.00nm			5.5mb	
MAW	77.74	200	eP	06	54.00	0.3	
	1.0s		75.00nm			5.1mb	
BCH	81.62	46	eP	07	15.39	0.8	
			pP	09	07.26	510km	
ABL	81.99	46	ePc	07	16.79	0.2	
			pP	09	09.12	512km	
ARN	82.01	43	ePc	07	16.92	0.5	
MDJ	82.40	326	eP	07	18.50	0.3	
PLM	82.71	49	ePd	07	20.46	0.2	
			pP	09	11.48	503km	
PEC	82.81	48	ePc	07	20.77	0.2	
	0.5s		3.95nm			4.2mb	
ISA	82.96	46	eP	07	21.17	-0.1	
	0.9s		20.97nm			4.7mb	
			(pP)	09	13.19	509km	
CMB	83.15	43	eP	07	22.15	0.0	
	0.9s		23.05nm			4.7mb	
ORV	83.39	41	eP	07	23.42	0.2	
WDC	83.41	40	ePc	07	23.68	0.4	
	0.4s		0.47nm			3.4mb	X
MEMM	83.84	44	eP	07	26.70	1.2	
GLA	83.95	50	eP	07	26.21	0.0	
			pP	09	18.64	509km	
CN2	84.03	324	Pc	07	26.80	0.5	
	1.2s		21.00nm			4.6mb	
LBFM	84.28	40	eP	07	28.09	0.2	
BONR	84.42	44	eP	07	28.79	0.0	
NVL	85.17	184	eP	07	31.00	-0.5	
	1.0s		59.00nm			5.2mb	
			e	07	40.00	28kmX	
TUC	86.44	52	ePc	07	39.42	1.1	
	0.8s		20.76nm			4.9mb	
			iPp	09	31.61	504km	
BMW	86.79	35	(P)	07	39.69	0.0	
			pP	09	31.75	503km	
LOE	86.85	290	eP	07	41.50	1.0	
SHW	87.14	36	eP	07	42.62	1.2	
			pP	09	34.77	503km	
BJI	87.18	316	eP	07	42.00	0.4	
NST	87.47	288	eP	07	46.80	3.4X	
ARUT	87.49	47	eP	07	43.92	0.5	
			pP	09	40.29	526kmX	
VGB	87.51	37	eP	07	43.28	0.2	
SLKM	87.56	14	eP	07	41.55	-1.5	
GMW	87.71	35	eP	07	44.18	0.2	
LON	87.72	36	eP	07	43.50	-0.6	
BGL	87.78	13	eP	07	42.11	-2.0	
TIY	88.35	313	eP	07	48.00	0.8	
MCW	88.41	34	eP	07	47.10	-0.1	
XAN	88.90	308	P	07	50.10	0.3	
	0.6s		18.00nm			5.1mb	
CHG	89.84	291	ePd	07	56.00	1.6	
	1.0s		27.50nm			5.1mb	

HVU	90.08	44	eP	07	55.43	0.2
SRU	90.13	47	eP	07	54.98	-0.6
DAU	90.33	45	eP	07	56.86	0.3
PV10	90.76	48	eP	07	59.00	0.4
ALQ	90.88	52	eP	07	59.23	0.1
	1.2s	16.02nm				4.8mb
		pP	09	52.06	502km	
PTI	90.92	43	eP	07	59.98	0.9
HHA1	91.14	42	eP	08	00.70	0.7
CD2	91.24	303	eP	08	02.00	1.3
BW06	92.64	44	eP	08	06.09	-1.0
	1.0s	6.00nm				4.6mb
GOL	93.90	48	eP	08	12.88	-0.1
	0.9s	7.57nm				4.8mb
PKI	104.67	294	Pdiff	09	00.00	-1.7X
BUL	128.13	215	ePKP	14	00.40	1.2
		i	16	33.40		
NB2	142.17	351	PKP	14	18.80	-5.2X
	0.6s	2.50nm				
HFS	142.64	349	ePKP	14	19.90	-4.8X
	0.4s	6.00nm				
HRI	147.55	295	ePKP	14	35.70	1.8
JVI	148.03	292	ePKP	14	37.00	2.4
RMN	148.76	290	ePKP	14	38.40	2.6
VR1	149.39	322	ePKP	14	48.00	11.8X
OJC	149.66	335	iPKPc	14	41.70	5.3X
MLR	150.06	322	ePKPc	14	42.00	4.6X
SPC	150.29	333	ePKP	14	44.30	6.6X
KSP	150.40	339	iPKPd	14	44.00	6.5X
	0.7s	29.00nm				
		e	16	39.00		
CLL	150.96	343	iPKP	14	44.90	6.6X
	0.9s	30.00nm				
		e	16	49.00		
BRG	151.10	342	iPKP	14	45.10	6.6X
	0.9s	22.00nm				
		i	14	54.80		
PRU	151.70	340	ePKP	14	46.50	7.0X
KHC	152.76	341	ePKP	14	35.00	-6.0X
		i	14	49.00		
		e	16	57.50		
GEC2	152.97	340	PKP	14	48.80	7.4X
	0.5s	1.29nm				
BCAO	153.72	225	iPKPc	14	43.00	-0.4
	1.0s	85.00nm				
		i	14	51.80		
		i	15	07.20		
LIC	161.67	163	PKP	14	53.00	0.4
		PKPab	15	42.70		
KIC	161.87	164	PKP	14	52.40	-0.4
		PKPab	15	43.60		
TIC	162.07	163	PKP	14	53.90	0.8
		PKPab	15	44.30		
S.D. = 1.1 on 118 of 136 obs.						

% OCT	16, 1992	04h	04m	26.12±	1.01s	
47.147 N	± 8.8km			1.327 E	± 6.4km	
DEPTH = 10.0km				(geophysicist)		
FRANCE				(538)		
ML 2.1 (LDG).						
HYF	0.90	82	Pg	04	43.50	0.1
			Sg	04	54.90	
LSF	0.91	171	Pg	04	43.40	-0.1
			Sg	04	53.20	
TCF	1.05	144	Pg	04	45.40	-0.6
			Sg	04	58.00	
MFF	1.15	242	Pg	04	47.20	-0.4
			Sg	05	01.70	
BGF	1.20	119	Pg	04	48.00	-0.5
			Sg	05	03.00	
MAF	1.26	137	Pg	04	49.60	0.1
			Sg	05	05.80	
AVF	1.43	104	Pg	04	51.30	-0.8
			Sg	05	10.10	
SSF	1.49	93	Pn	04	52.00	-0.9
			Pg	04	53.00	
			Sg	05	12.50	
LOR	1.73	85	Pg	04	56.90	0.5
			Sg	05	19.80	
SMF	1.80	105	Pg	04	58.00	0.6
			Sg	05	21.50	
LBF	1.82	94	Pg	04	58.60	0.9
			Sg	05	22.10	
RJF	1.85	176	Pg	04	59.20	1.1
			Sg	05	22.00	
S.D. = 0.7 on 12 of 12 obs.						

* OCT 16, 1992 04h 36m 50.56±2.31s
5.066 S ±17.7km 103.408 E ±21.3km
DEPTH = 56.6 ± 18.4 km
4.9mb (8 obs.)
SOUTHERN SUMATERA, INDONESIA (274)

PPI 5.48 327 eP 38 12.50 0.9
eS 39 12.00
KGM 7.03 359 eP 38 32.50 -0.9
IPM 9.87 346 ePc 39 19.40 6.9X
KHT 20.29 346 ePc 41 23.50 -0.9
NST 20.86 351 eP 41 32.00 1.9
BDT 22.59 349 eP 41 47.50 0.1
0.7s 34.40nm 4.9mb
CHG 24.13 350 iPd 42 02.80 0.4
1.0s 27.50nm 4.7mb
ASPA 34.71 125 iPd 43 37.10 -0.3
0.7s 6.10nm 4.6mb
PKI 36.81 333 P 43 54.64 -0.7
0.6s 20.00nm 5.2mb
GUN 36.89 334 P 43 55.94 -0.1
0.6s 136.00nm 6.1mb X
DMN 36.98 332 P 43 56.16 -0.5
KKN 37.06 333 P 43 56.80 -0.5
0.7s 77.00nm 5.8mb
GKN 37.53 332 P 44 00.84 -0.4
NDI 41.97 325 iPc 44 38.00 0.3
0.5s 31.69nm 5.3mb
CTA 44.24 114 eP 44 43.00 -13.4X
i 45 10.00
STK 44.58 131 eP 44 58.80 -0.2
0.6s 1.80nm 4.0mb
GEC2 93.58 319 eP 50 00.90 -1.0
1.1s 1.61nm 4.4mb
e 50 13.70
MIAR 146.71 26 ePKP 56 28.29 1.9
S.D. = 1.0 on 16 of 18 obs.

OCT 16, 1992 05h 02m 51.69±0.15s
51.314 N ± 3.7km 178.014 W ± 1.9km
DEPTH = 33.0km (normal)
5.5mb (104 obs.) 4.9MsZ (39 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 5.6 (PMR). Ms 5.1 (BRK). Felt
(11) on Adak.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 45C
Centroid Location:
Origin Time 05:02:53.5 0.4
Lat 51.38N Lon 177.68W 0.08
Dep 19.7 3.0 Half-duration 1.3
Moment Tensor: Scale 10**17 Nm
Mrr= 1.47 0.06 Mtt=-1.17 0.09
Mff=-0.29 0.06 Mrt= 1.25 0.24
Mrf=-0.36 0.18 Mtf=-0.41 0.07
Principal Axes:
T Val= 2.07 Plg=65 Azm= 28
N -0.35 14 264
P -1.72 20 169
Best Double Couple: Mo=1.9*10**17
NP1: Strike=235 Dip=28 Slip= 58
NP2: 91 67 106

ADK 1.01 55 iPd 03 10.64 1.2
SMY 5.07 289 eP 04 07.63 0.3
SDN 11.22 62 eP 05 30.83 -1.8
PET 14.41 286 eP 06 27.00 12.0X
Z 18s 2.90um
e 09 00.00
ANM 14.84 22 eP 06 22.86 2.3
MCNL 15.56 50 eP 06 30.49 0.5
SVW 15.77 43 eP 06 34.12 1.4
0.6s 315.91nm 5.7mb
CDD 15.82 52 eP 06 30.95 -2.4
PDB 15.85 48 eP 06 34.32 0.7
AUI 16.05 50 eP 06 38.82 2.5
KDC 16.09 56 eP 06 33.47 -3.2X
0.5s 177.03nm 5.4mb
OPT 16.26 50 eP 06 39.94 1.1
SKR 16.29 278 eP 06 43.00 3.7X
0.7s 80.00nm 5.0mb
Z 16s 2.20um 3.9MsZ
N 14s 1.80um
E 16s 1.20um
eS 09 38.00

TTA 16.57 37 eP 06 44.50 1.7
0.8s 154.34nm 5.2mb
CNPM 17.18 51 eP 06 49.50 -1.0
BGL 17.24 45 eP 06 54.22 2.9
CRP 17.35 45 iP 06 54.95 2.2
SPU 17.36 45 iPc 06 54.83 2.1
SLKM 17.96 48 eP 06 59.64 -0.6
SEW 18.21 50 eP 07 01.31 -1.8
PMS 18.51 47 eP 07 06.20 -0.7
0.8s 269.10nm 5.5mb
PTE 18.63 48 eP 07 08.58 0.2
PMR 18.82 46 eP- 07 08.95 -1.7
0.5s 65.25nm 5.1mb
KTH 18.86 39 eP 07 11.55 0.3
KNK 19.07 47 eP 07 13.33 -0.3
TRF 19.07 40 eP 07 12.89 -0.9
IMA 19.25 31 iPc 07 15.89 0.0
1.4s 368.86nm 5.4mb
SML 19.25 45 eP 07 14.17 -1.7
MGD 19.48 309 eP 07 20.00 1.6
Z 16s 1.80um
E 16s 2.40um
eS 11 00.00
MID 19.58 53 eP 07 19.20 -0.3
0.6s 994.70nm 6.3mb
SCM 19.71 46 eP 07 18.80 -2.2
KLU 20.25 47 eP 07 25.78 -0.9
TOA 20.31 46 eP 07 26.30 -1.0
FBA 20.70 37 eP 07 29.60 -1.5
SDG 20.72 45 eP 07 30.19 -1.3
BALM 21.84 50 eP 07 42.30 -0.5
BRW 22.25 18 (P) 07 45.92 -0.7
SIT 25.30 60 eP 08 16.59 0.3
0.8s 49.00nm 5.2mb
YSS 25.82 276 ePd+ 08 22.80 1.6
0.7s 40.00nm 5.1mb
Z 18s 1.30um 4.5MsZ
N 18s 1.20um
E 18s 1.20um
e 08 32.00
eS 12 50.00
eSS 13 47.00
eSSS 14 14.00
YAK 29.82 311 eP 09 17.20 19.8X
Z 19s 3.40um 5.0MsZ
E 19s 2.40um
i 19 30.00
TIK 30.93 330 iPc 09 05.00 -2.1
2.2s 52.00nm 4.9mb
Z 16s 3.10um 5.1MsZ
ePPP 10 21.00
i 12 01.00
i 19 34.00
MBC 33.48 22 ePc 09 29.50 0.2
0.7s 35.00nm 5.4mb
HON 33.77 145 P 09 46.60 14.3X
Z 20s 5.91um 5.3MsZ
MAT 34.26 262 eP 09 37.00 0.5
1.2s 65.63nm 5.4mb
Z 20s 1.77um 4.8MsZ
eS 15 08.00
PGC 34.51 72 eP 09 39.00 0.5
0.6s 28.00nm 5.4mb
MCW 34.87 72 iP 09 42.54 0.9
YKA 34.92 46 eP 09 40.40 -1.4
0.7s 60.10nm 5.6mb
MDJ 35.07 280 eP 09 42.10 -1.2
Z 28s 2.17um 4.8MsZ
N 16s 1.10um
E 20s 2.39um
pP 09 50.50 28kmX
PP 11 02.00
S 15 10.00
GMW 35.40 74 iPc 09 47.49 1.4
BMW 35.63 76 iPc 09 49.24 1.1
LON 36.36 75 ePc 09 54.99 0.7
SHW 36.37 76 eP 09 55.63 1.2
VGB 37.59 76 iPc 10 05.57 1.0
ePcP 12 22.57
DPW 37.99 71 iPc 10 08.33 0.3
CN2 38.04 281 eP 10 07.70 -0.7
1.2s 21.00nm 4.9mb
Z 23s 1.90um 4.8MsZ
N 14s 0.49um
E 14s 0.34um
eP 10 17.50 33kmX
eSP 10 20.00

ePP 11 37.00
eS 15 55.00
EKR 38.09 85 eP 10 10.82 2.0
FHC 38.13 84 ePc 10 10.78 1.6
FOX 38.29 85 ePc 10 12.40 2.0
BOD 38.31 307 eP 10 09.20 -1.2
0.6s 12.00nm 4.9mb
NEW 38.45 70 eP 10 12.10 0.3
1.0s 250.00nm 6.0mb
LBFM 39.13 82 iPc 10 18.92 1.2
WDC 39.16 84 eP 10 18.45 0.7
1.0s 64.53nm 5.3mb
MIN 39.88 83 iPc 10 24.30 0.4
SNY 40.27 280 iPc 10 27.00 0.1
1.8s 200.00nm 5.6mb
Z 22s 1.88um 4.9MsZ
N 17s 1.52um
sP 10 42.00
NTYM 40.37 86 ePc 10 28.22 0.5
ePcP 12 31.21
ORV 40.40 84 iPc 10 28.30 0.2
ZSP 40.89 87 eP 10 32.75 0.7
SES 40.95 64 iPc 10 32.00 -0.4
0.8s 135.00nm 5.7mb
pP 10 53.00 88kmX
BKS 40.95 87 ePc 10 26.00 -6.5X
Z 21s 2.00um 5.0MsZ
eLQ 20 03.00
eLR 21 50.00
CIT 40.99 299 eP 10 22.00 -10.8X
PCC 41.09 87 eP 10 34.62 1.0
GCC 41.62 88 iPc 10 38.25 0.2
ARN 41.71 87 iPc 10 39.18 0.3
CMB 42.01 85 iPc+ 10 41.82 0.5
1.0s 35.98nm 5.1mb
Z 22s 1.50um 4.8MsZ
BUT 42.26 70 eP 10 43.50 0.0
HRY 42.33 69 ePc 10 43.90 0.0
HBMT 42.35 71 iPc 10 44.10 -0.2
LRM 42.43 71 iPc 10 44.80 -0.1
PRS 42.45 88 iPc 10 45.21 0.3
LLA 42.54 87 iPc 10 46.36 0.7
MCMT 42.73 72 iPc 10 47.50 0.1
LCCM 42.76 70 ePc 10 47.90 0.4
KVN 42.82 82 eP 10 48.77 0.6
BGMT 42.99 71 iPc 10 49.30 -0.2
SXM 42.99 70 ePc 10 49.30 -0.1
PRI 43.01 88 iPc 10 50.13 0.5
FRI 43.08 86 iPc 10 50.41 0.5
MEMM 43.14 85 eP 10 51.67 1.2
LTMT 43.34 72 iPc 10 52.60 0.2
BONR 43.36 84 iPc 10 53.47 0.8
PHAM 43.37 88 eP 10 52.85 0.4
PKEM 43.41 87 eP 10 51.24 -1.4
HHA1 43.86 74 eP 10 57.33 0.9
TNP 43.96 83 iPc 10 57.53 0.2
0.8s 62.56nm 5.5mb
BCH 43.98 88 eP 10 58.09 0.6
ePcP 12 42.37
PTI 44.11 74 iPc 10 59.41 0.9
HVV 44.49 76 iPc 11 02.15 0.6
NRI 44.51 330 (P) 11 00.00 -1.2
i 12 43.00
e 13 22.00
ISA 44.69 87 eP 11 02.15 -1.0
0.8s 24.56nm 5.1mb
Z 19s 0.76um 4.6MsZ
ABL 44.74 88 ePc 11 03.63 -0.1
TPNV 45.27 83 ePc 11 07.88 0.0
0.6s 78.04nm 5.8mb
DUG 45.40 78 iPc 11 09.33 0.5
0.6s 42.76nm 5.5mb
FCC 45.65 46 eP 11 15.50 5.2X
IRK 45.85 303 eP 11 29.50 17.4X
Z 16s 0.85um 4.8MsZ
e 12 49.50
BW06 45.85 73 eP 11 12.50 0.0
BJI 45.87 283 eP 11 12.50 0.2
2.0s 120.00nm 5.5mb
Z 24s 1.28um 4.8MsZ
ePP 13 00.00
GSC 45.96 86 iPd 11 13.38 0.1
SSK 46.11 87 eP 11 14.23 -0.4
DAU 46.22 76 iPc 11 16.19 0.6
ARUT 46.49 81 ePc 11 17.25 -0.2
PEC 46.66 87 iPc 11 17.96 -0.7
1.2s 23.26nm 5.0mb

UPP		68.46	352	eP	13	55.00	3.1X
HFS		68.51	354	eP	13	50.30	-1.9
		0.5s		8.10nm			5.1mb
	Z	19s	411.00um				7.7MszX
				LR	37	38.00	
KSH		68.98	307	eP	13	55.60	0.0
	Z	24s	1.52um				5.2MszX
	N	17s	1.54um				
				sP	14	11.00	
				sS	23	12.00	
SGS		69.18	63	iPc	13	57.01	0.3
				e	14	12.06	
MOS		69.29	339	eP	13	57.00	-0.1
		2.0s	240.00nm				5.9mb
	Z	25s	1.80um				5.2MszX
HBF		69.45	63	iPc	13	58.38	0.0
OBN		70.11	340	iP	14	01.50	-0.6
		1.5s	140.00nm				5.8mb
	Z	18s	1.30um				5.2Msz
	N	18s	0.80um				
	E	18s	0.90um				
				e	14	23.00	
				(S)	23	14.00	
CHG		71.24	277	ePc	14	08.80	-0.8
		1.5s	33.33nm				5.2mb
GUN		72.34	293	Pc	14	16.84	0.4
		0.5s	450.00nm				6.7mbX
BDT		72.38	276	eP	14	15.80	-0.5
		0.7s	21.50nm				5.3mb
KKN		72.78	293	Pc	14	19.08	0.3
		0.5s	179.00nm				6.3mb
PKI		72.87	293	Pc	14	19.56	0.1
		0.5s	64.00nm				5.9mb
GKN		72.99	293	Pc	14	20.08	0.1
		0.5s	89.00nm				6.0mb
DMN		73.01	293	Pc	14	20.62	0.4
EKA		73.64	3	P	14	24.00	0.9
		0.8s	13.50nm				5.0mb
DZM		74.33	195	iPc	14	27.00	-0.6
DMU		74.90	5	eP	14	30.30	-0.1
DCN		75.43	6	eP	14	33.40	0.0
DLF		75.52	5	eP	14	34.00	0.1
NDI		76.64	299	eP	14	41.50	0.8
WTS		76.99	357	eP	14	42.00	-0.2
CLL		77.33	353	iP	14	43.00	-1.1
		2.0s	73.00nm				5.4mb
				e	14	51.00	
KSP		77.50	351	eP	14	45.00	-0.1
MTN		77.62	231	iPd	14	45.90	-0.2
BRG		77.68	352	eP	14	45.80	-0.3
		1.4s	29.00nm				5.1mb
				e	14	56.80	
CTA		77.70	214	iPc	14	46.00	-0.5
		1.0s	20.00nm				5.1mb
				epP	14	56.00	32kmX
OJC		77.71	348	eP	14	45.50	-0.8
MOX		78.09	354	eP	14	47.70	-0.6
		1.7s	54.00nm				5.3mb
KAT		78.15	320	eP	14	51.00	2.2
	Z	16s	1.50um				5.4MszX
	N	16s	1.50um				
	E	16s	0.90um				
				eS	25	06.00	
ENN		78.24	357	iP	14	49.20	0.1
		0.8s	30.00nm				5.4mb
GRO		78.38	329	eP	14	51.00	1.0
		2.0s	360.00nm				6.0mb
PRU		78.51	352	eP	14	50.10	-0.5
	Z	20s	0.50um				4.8Msz
	N	21s	0.50um				
	E	19s	0.40um				
				e	14	55.50	
				e	15	22.10	

MAIO	Z	21s	0.50um	4.8Msz	DIX	82.87	356	ePc	15	14.60	0.4	BCAO	122.69	340	iPKPc	21	44.70	-0.9			
		79.25	316	iPc	14	54.80	-0.2	MMK	82.88	356	ePc	15	14.80	0.6		0.7s	8.00nm				
				eS	25	06.00		VBY	82.88	351	iPd	15	14.30	0.4	BAO	126.68	67	e(PKP)			
KIS		79.36	342	iPc+	14	55.00	-0.3			epP	15	25.40	36kmX			21	51.00	-2.5X			
		1.6s	400.00nm	6.2mb	EMS	82.90	357	ePc	15	16.20	2.0			e		21	57.00				
	Z	19s	1.60um	5.4Msz	LPL	83.46	357	eP	15	17.50	0.3			e		22	01.00				
	N	18s	1.10um			0.7s	4.95nm							e		22	15.00				
	E	18s	0.60um		LPG	83.48	357	eP	15	17.70	0.4	PDCR	129.02	56	ePKP	21	39.20	-18.6X			
						0.7s	10.80nm					PPD	129.67	75	ePKP	21	54.20	-4.7X			
KHC		79.45	352	iPc	14	56.00	0.2	PVL	83.69	343	eP	15	19.00	1.0	SPA	141.13	180	iPKPd			
		1.5s	32.10nm	5.1mb	RJF	83.76	0	eP	15	18.40	0.0			0.8s	8.33nm		22	12.00	-7.1X		
	Z	20s	0.60um	4.9Msz		1.0s	36.60nm	5.5mb				BUL	142.53	316	ePKP	22	20.40	-2.6X			
	N	20s	0.40um			Z	19s	0.40um	4.8Msz			AIA	144.35	139	ePKP	22	22.20	-2.3			
	E	20s	0.50um									MAW	146.73	218	ePKP	22	30.00	1.6			
													1.0s	57.00nm							
												SLR	147.53	312	iPKPc	22	32.10	0.9			
													1.3s	173.08nm							
GECC2		79.72	352	P	14	57.00	-0.4	LFF	84.12	1	eP	15	20.70	0.5	Z	20s	2.84um	6.1MszX			
		0.6s	2.06nm	4.3mb	CAF	84.14	360	eP	15	20.90	0.5	FRS	152.31	312	ePKP	22	54.00	15.9X			
ZST		80.03	350	eP	14	57.90	-1.0			29.65nm	5.6mb			0.4s	46.61nm						
			i	15	00.50			LPO	84.38	1	eP	15	21.90	0.4	POF	154.30	322	ePKP			
CLI		80.11	343	eP	15	00.00	0.6			36.70nm	5.7mb			0.5s	14.08nm		22	50.00	9.1X		
MTA		80.14	329	iPc+	15	00.40	0.8	PLE	84.53	347	iPc	15	23.48	1.0							
		0.6s	140.00nm	6.1mb	PGB	84.54	344	eP	15	23.00	0.5										
	Z	18s	0.40um	4.8Msz	MME	84.57	354	P	15	23.00	1.1										
	N	18s	1.00um		VTS	84.67	344	iPc	15	23.90	-0.2										
	E	18s	0.60um		HYB	84.70	291	ePc	15	23.50	0.0										
						1.0s	75.00nm	5.8mb													
					SFI	84.76	353	P	15	24.50	1.1										
SRO		80.26	349	eP	15	00.70	0.6	PGD	84.82	353	P	15	25.10	1.2	RTLL	0.45	309	iPc	43	41.50	-0.4
FLN		80.28	2	eP	15	00.00</															

16d 05h

			e	56 32.70		Z 20s	1.80um	5.5Msz		0.6s	32.20nm					
			e	57 26.00		ARN	90.46	43 eP	07 32.65	2.9X	PUL	148.85	331 ePKPc	14 15.00	3.8X	
			i	58 18.00		ISA	91.01	46 eP	07 32.81	0.4		1.5s	160.00nm			
TCW	7.31	217	eP	56 13.60	-3.8X		0.9s	8.90nm		5.1mb				14 20.00		
QRZ	8.00	226	eP	56 23.00	-4.0X	Z 19s		1.10um		5.3Msz				14 26.00		
THZ	8.42	220	eP	56 28.00	-4.9X	GLA	91.42	50 eP	07 35.99	1.7	MBH	150.30	269 ePKP	14 17.30	2.9X	
			eS	58 02.00		CMB	91.59	43 eP	07 35.09	0.1	NUR	150.45	335 ePKP	14 17.40	3.8X	
DSZ	9.01	224	eP	56 38.10	-2.9		1.1s	12.26nm		5.2mb		0.7s	7.40nm			
LTZ	9.48	218	eP	56 41.90	-5.6X	Z 19s		1.56um		5.5Msz		LIC	150.45	170 PKP	14 20.42	5.4X
			eS	58 23.80		GSC	91.74	47 eP	07 37.02	1.2		0.6s	40.50nm			
ODZ	11.95	214	eP	57 12.30	-8.8X	WDC	92.25	40 eP	07 50.00	12.1X	MKT	150.46	271 ePKP	14 17.90	3.3X	
TUZ	13.11	214	eP	57 32.10	-4.4X	Z 21s		0.96um		5.2Msz		KIC	150.63	170 PKP	14 20.88	5.6X
DZM	17.97	315	iPc	58 41.00	1.8	TIA	92.35	314 eP	07 38.70	0.3		0.7s	37.50nm			
			iS	02 23.90		Z 20s		1.01um		5.3Msz		AKKT	150.68	291 ePKP	14 21.00	6.2X
PVC	20.60	326	iPc	59 04.00	-5.2X	BONR	92.70	44 eP	07 41.10	0.7	SVST	150.69	289 ePKP	14 20.60	5.8X	
BKM	20.69	326	iPc	59 10.00	-0.2	LBFM	93.15	40 (P)	07 56.83	14.6X	MMR	150.83	275 ePKP	14 19.10	3.9X	
AFI	22.72	21	eP	59 31.00	0.4	TPNV	93.19	46 P	07 50.00	7.5X	BHL	150.86	277 PKP	14 18.00	2.8X	
BRS	24.66	282	iPc-	59 52.00	2.7		Z 18s	2.13um		5.6Msz		TIC	150.87	169 PKP	14 20.54	4.9X
	0.9s	26.00nm				CN2	93.31	324 eP	07 41.80	-0.8	TRHT	151.30	291 ePKP	14 21.70	6.0X	
			i	00 08.00	69kmX		1.0s	6.10nm		5.0mb		CTK	152.34	291 ePKP	14 24.30	7.1X
			e	03 50.00		Z 20s		0.67um		5.1Msz		MOL	152.54	353 ePKP	14 23.00	6.4X
CAN	25.33	261	eP	59 57.10	1.4		epP		07 51.50	30km	KART	152.74	292 ePKP	14 25.40	7.5X	
			e	00 12.00	63kmX	TUC	93.49	52 eP	07 44.94	1.0	CSS	152.96	279 ePKP	14 25.70	7.6X	
BWA	25.97	263	eP	00 00.90	-0.7		0.8s	4.75nm		5.0mb		UPP	153.13	340 iPKP	14 23.70	6.2X
			i	00 15.50	61kmX	LP8	97.26	116 eP	08 05.00	3.0X						
STK	32.14	265	iPc	00 57.50	0.6	ALQ	97.95	53 P	08 20.00	15.7X	KAS	153.14	293 ePKP	14 18.00	-0.2	
	0.8s	11.20nm					Z 19s	1.12um		5.4Msz		MNK	153.48	322 ePKP	14 23.00	4.9X
			ePcP	03 44.30		SRU	98.01	47 eP	08 06.39	1.9	NB2	153.50	348 PKP	14 23.00	4.9X	
			eS	06 21.00				e	08 15.30	28km		0.8s	13.00nm			
			iScP	07 25.80		SIT	99.60	23 P	08 20.00	9.1X	UZH	159.07	316 ePKP	14 29.50	4.1X	
CTA	33.49	288	iPc+	01 09.50	0.7		Z 19s	1.80um		5.6Msz			1.5s	64.00nm		
	1.7s	317.31nm				PMR	99.94	14 P	08 20.00	7.6X						
			i	01 15.00	19kmX		Z 20s	0.92um		5.3Msz		SPC	159.91	319 ePKP	14 26.00	-0.6
			ePP	02 26.00		GOL	101.52	49 Pd iff	08 30.00	9.5X	KSP	160.75	328 ePKP	14 40.00	12.8X	
			eS	06 32.00			Z 19s	1.77um		5.6Msz		BRG	161.70	331 ePKP	14 27.40	-0.7
			e(SS)	07 31.00		MIAR	106.43	59 PKP	13 10.00	16.8X	CLL	161.71	334 ePKP	14 30.00	1.9	
DRV	38.83	204	eP	02 03.00	9.6X		Z 19s	0.89um		5.3Msz			2.5s	66.00nm		
PMG	39.73	303	e(P)	02 02.50	1.0	GUN	108.85	291 PKP	13 00.00	1.5						
	1.0s	80.00nm				JFWS	112.85	53 PKP	13 20.00	14.9X						
ASPA	41.57	274	ePc	02 16.10	-0.5		Z 19s	1.36um		5.6Msz		SRO	161.75	318 ePKP	14 31.30	3.1X
	0.8s	63.10nm				CEH	117.47	64 PKP	13 30.00	15.8X	SKO	162.21	298 ePKP	14 24.50	-4.4X	
Z 17s		25.40um					Z 20s	0.51um		5.1Msz		KHC	163.20	328 ePKP	14 28.50	-1.2
			iPp	02 26.60	36km	MBC	117.74	14 ePKP	13 13.00	-0.5		1.5s	8.50nm			
			iS	08 31.10		BUL	118.41	211 ePKP	13 17.60	1.0	Z 20s		0.70um			
SBA	42.82	184	ePd	02 19.00	-7.2X	PDCR	119.47	135 ePKP	13 20.20	1.6	N 20s		0.50um			
WARB	46.38	266	eP	02 54.30	-1.1	NR1	123.46	335 iPKPd	13 22.80	-1.8	E 20s		0.50um			
	0.5s	13.00nm					2.0s	42.00nm								
							Z 20s	2.60um		5.9Msz						
COOL	48.96	258	eP	03 14.00	-1.5			i	13 35.00							
KLB	51.38	255	eP	03 32.30	-1.6	RSNY	123.96	56 PKP	13 40.00	13.6X	GEC2	163.36	327 PKP	14 29.50	-0.5	
MUN	52.45	254	eP	03 40.30	-1.7		Z 21s	0.56um		5.2Msz			1.0s	1.49nm		
BAL	52.59	256	eP	03 40.50	-2.6	HRV	125.36	59 PKP	13 40.00	10.9X	MAL	176.12	71 ePKP	14 42.00	4.5X	
MEEK	52.70	262	eP	03 42.00	-2.0		Z 22s	0.95um		5.4Msz			S.D. = 1.6	on 75 of 135 obs.		
MRWA	53.71	257	eP	03 50.00	-1.4	JAO	125.72	45 ePKP	13 35.00	5.5X		OCT 16, 1992	06h 06m	51.06± 1.16s		
MBL	54.22	268	eP	03 53.00	-2.2	BRVK	128.94	313 iPKP	13 34.00	-1.6		15.793 S ± 9.3km	175.012 W ± 8.5km			
	0.4s	23.00nm					2.2s	62.00nm				DEPTH = 269.2 ± 11.9 km				
SPA	54.66	180	eP	03 57.60	-0.5							4.6mb (12 obs.)				
	0.8s	31.67nm				LMN	130.93	57 ePKP	13 51.50	11.8X						
			i	22 57.10		ARU	135.90	317 ePKP	13 46.00	-2.7						
NANU	57.05	264	eP	04 14.50	-1.1	KEV	142.71	345 ePKP	14 07.00	6.2X						
	0.6s	58.00nm				KTK1	144.09	346 ePKP	14 00.20	-3.0						
HON	60.21	24 P		04 40.00	2.6	SDF	144.70	343 iPKP	14 01.00	-3.2X	AFI	3.65	60 iPd	07 53.00	0.7	
	Z 19s	1.85um				8CAO	144.70	213 iPKPc	14 03.00	-2.9	DZM	18.61	248 iPd	10 50.30	-0.8	
MAW	66.98	202 e(P)		05 24.00	2.6		1.2s	70.00nm			KUZ	22.44	200 eP	11 30.90	2.5	
	1.0s	25.00nm						ic	14 07.00		URZ	23.43	196 eP	11 36.90	-0.9	
NVL	73.68	184 eP		06 02.00	0.1			ic	14 19.00		NOZ	23.55	194 eP	11 41.00	2.1	
	1.6s	79.00nm						ic	17 31.50		PMO	26.15	92 iP	12 01.50	-1.4	
Z 17s		2.00um				MTA	144.87	294 ePKP	14 03.00	-2.3		0.9s	30.00nm		4.8mb	
N 17s		1.50um						i	14 03.60		VAH	26.38	93 iP	12 05.60	0.6	
E 16s		0.40um				ERE	144.95	291 iPKP+	14 03.00	-2.6		0.9s	30.00nm		4.8mb	
			e	06 16.00	49kmX		2.5s	39.00nm			TPT	26.42	92 iP	12 03.90	-1.4	
			e	06 35.00		PYA	146.26	298 iPKPc+	14 06.50	-1.1		0.9s	20.00nm		4.7mb	
			eS	15 29.00			1.3s	150.00nm			RUV	26.63	92 iP	12 03.40	-3.8X	
QIZ	85.84	297	eP	07 08.00	0.0	LOF	146.47	351 ePKP	14 06.78	-0.4		0.9s	30.00nm		4.8mb	
			PP	10 27.00		MOS	147.48	320 ePKP	14 07.00	-2.1	QRZ	27.19	201 eP	12 12.10	0.0	
			eS	17 34.00			2.5s	410.00nm			THZ	27.90	200 eP	12 18.10	-0.4	
MDZ	86.18	128 e(P)		07 09.60	-0.2	AKU	147.92	14 ePKP	14 15.60	6.1X	LTZ	29.02	200 eP	12 26.50	-1.9	
SSE	86.36	313 P+		06 56.00	-14.3X		1.7s	153.85nm			CTA	37.04	257 iP	13 37.00	-0.3	
	4.0s	1.00nm				OBN	148.26	320 ePKPc	14 10.00	-0.4	CAN	37.56	232 eP	13 40.80	-0.7	
Z 20s		0.90um					2.0s	480.00nm			STK	42.50	240 iPd	14 22.40	0.5	
E 14s		0.40um					Z 20s	0.60um		5.4Msz			0.4s	7.20nm		4.3mb
			S	17 34.00			N 20s	0.50um			ASPA	48.51	252 iPd	15 09.00	-0.3	
SMY	88.05	356 P		07 20.00	2.1		E 20s	0.20um				0.7s	281.10nm		5.7mb X	
	Z 18s	2.55um						i	14 12.00		MTN	52.15	266 eP	15 36.00	-0.7	
BCH	89.74	45 eP		07 28.99	2.4			i	14 13.00		WARB	55.06	249 iPd	15 57.10	-0.7	
PET	90.14	347 eP		07 12.00	-15.8X	KAF	148.74	336 iPKP	14 12.60	1.7		0.3s	6.00nm		4.6mb	
								i	14 24.00		MBL	61.66	254 eP	16 42.30	-0.9	
								i	14 12.60			0.4s	7.00nm		4.6mb	

16d 12h

PEC 1.09 190 eP 28 49.17 -0.7
 ISA 1.44 299 ePn 28 54.92 -0.8
 PLM 1.61 178 (Pn) 28 55.36 -2.8
 ePg 28 58.91
 ABL 1.88 267 (P) 29 02.61 0.4
 TPNV 2.06 16 ePg 29 07.59 2.9
 GLA 2.59 137 (P) 29 14.81 2.6
 8 obs. associated

? OCT 16, 1992 12h 29m 50.59±5.49s
 40.918 N ±14.3km 22.712 E ±38.7km
 DEPTH = 10.0km (geophysicist)

GREECE (364)
 MD 2.6 (THE).

KNT 0.28 30 ePg 29 56.52 0.0
 eSg 30 01.30
 VAY 0.42 345 ePn 30 04.00 4.9X
 SOH 0.50 101 ePg 30 00.70 0.0
 SRS 0.70 73 ePg 30 04.30 0.0
 eSg 30 16.60
 OUR 1.13 121 ePb 30 11.70 0.0
 iSb 30 30.30
 S.D. = 0.1 on 4 of 5 obs.

& OCT 16, 1992 12h 35m 52.36s
 64.731 N 147.445 W

DEPTH = 11.4km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.8 (AEIC), 3.3 (PMR).

CCB 0.18 242 iPc 35 56.26 -0.2
 FBA 0.23 319 iPd 35 56.93 -0.4
 S 36 05.71
 GLM 0.26 5 iPd 35 57.67 -0.3
 iS 36 01.48
 WRH 0.38 227 iPc 35 59.90 -0.3
 HDA 0.39 147 iPc 36 00.07 -0.3
 MDM 0.41 305 iPc 36 00.27 -0.5
 eS 36 05.93
 NEA 0.72 258 ePc 36 05.75 -0.6
 S 36 16.30
 DJE 1.04 132 eP 36 11.80 -0.1
 eS 36 25.59
 PRP 1.13 45 eP 36 13.72 0.2
 S 36 30.03
 DDM 1.17 143 ePd 36 13.97 -0.2
 MCK 1.20 214 ePd 36 14.49 0.0
 eS 36 30.85
 MLY 1.44 284 eP 36 19.22 0.9
 RND 1.47 206 ePd 36 18.55 -0.2
 eS 36 38.59
 THY 1.52 150 eP 36 20.48 1.1
 S 36 40.35
 TRF 1.79 225 ePc 36 23.03 -0.5
 S 36 48.59
 DOT 1.84 125 eP 36 22.60 -1.4
 S 36 49.23
 KTH 1.93 234 eP 36 27.24 1.8
 eS 36 52.65
 PAX 1.97 153 eP 36 25.48 -0.6
 HUR 2.01 210 eP 36 25.90 -0.6
 FYU 2.06 25 eP 36 28.76 1.6
 eS 36 55.02
 SDG 2.37 158 ePd 36 31.41 -0.3
 S 37 03.10
 TOA 2.70 167 P 36 37.50 1.0
 SCM 2.91 179 eP 36 39.87 0.4
 IMA 2.93 300 ePn 36 38.58 -1.2
 SML 2.96 188 eP 36 38.73 -1.4
 GHO 3.04 193 eP 36 40.17 -1.2
 PMR 3.24 194 ePn 36 44.76 0.7
 PWA 3.28 201 eP 36 44.80 0.2
 SKT 3.32 216 ePc 36 44.60 -0.6
 KLU 3.32 167 ePd 36 46.05 0.7
 KNK 3.36 188 eP 36 46.84 1.0
 SUA 3.61 206 eP 36 49.61 0.3
 PMS 3.63 196 eP 36 49.60 0.0
 VLZ 3.65 171 eP 36 49.62 -0.2
 GLB 3.69 152 eP 36 51.55 1.0
 NCG 3.97 215 eP 36 53.67 -0.8
 CGLM 4.02 213 eP 36 54.24 -0.9
 FID 4.02 173 eP 36 55.55 0.4
 BGL 4.15 215 eP 36 57.80 0.8
 CKL 4.19 214 eP 36 57.94 0.3
 CVA 4.27 169 eP 36 58.88 0.2

SGAM 4.37 165 eP 36 59.91 -0.2
 HIN 4.37 174 eP 37 01.66 1.5
 BALM 4.38 145 eP 37 00.82 0.5
 SLKM 4.43 198 eP 37 03.01 2.1
 45 obs. associated

? OCT 16, 1992 13h 04m 25.26±1.37s
 15.660 S ±24.9km 74.963 W ±16.6km
 DEPTH = 33.0km (normal)
 4.6mb (1 obs.)

NEAR COAST OF PERU (115)

ARE 3.43 104 eP 05 18.00 -0.1
 iS 05 44.50
 ZOB0 6.60 96 P 06 02.00 -1.2
 LPB 6.66 98 P 06 05.00 1.3
 CNCB 6.80 101 P 06 05.60 -0.3
 CCH 8.63 103 eP 06 32.00 0.8
 YJA 11.05 127 ePc 07 04.60 0.1
 SIV 13.37 93 eP 07 28.00 -7.3X
 ITB1 21.26 118 e(P) 09 11.50 0.5
 PPD 23.25 109 eP 09 29.50 -1.3
 ALO 58.54 330 eP 14 21.40 0.2
 1.0s 5.25nm 4.6mb
 S.D. = 1.0 on 9 of 10 obs.

% OCT 16, 1992 13h 13m 38.37±1.00s
 39.289 N ±7.5km 27.013 E ±10.7km

DEPTH = 10.0km (geophysicist)
 TURKEY (366)

EZN 0.76 315 ePn 13 53.00 -0.1
 IZM 0.91 168 iPg 13 56.00 0.2
 iSg 14 07.50
 EDC 1.24 32 ePn 14 02.00 0.5
 BNT 1.27 33 ePn 14 02.50 0.5
 KCT 1.41 47 iPn 14 03.00 -1.1
 S.D. = 0.9 on 5 of 5 obs.

* OCT 16, 1992 13h 26m 41.71±0.59s
 42.536 N ±6.0km 24.080 E ±8.3km
 DEPTH = 10.0km (geophysicist)

BULGARIA (359)

MD 2.9 (THE).

SRS 1.46 195 ePb 27 07.90 -0.3
 eSb 27 29.52
 KNT 1.63 213 ePb 27 10.30 -0.3
 eSb 27 32.68
 VAY 1.66 223 iPn 27 10.40 -0.5
 SOH 1.80 198 ePb 27 13.20 0.2
 GRG 2.02 219 ePn 27 15.10 -1.1
 eSn 27 43.70
 SKO 2.04 255 ePn 27 18.00 1.5
 eSn 27 47.50
 ALN 2.20 137 ePn 27 19.57 0.8
 OUR 2.20 182 ePn 27 19.00 0.2
 eSn 27 49.00
 PAIG 2.62 187 ePn 27 24.80 0.0
 eSn 27 59.60
 MLR 3.25 24 ePd 27 34.00 0.2
 VRI 3.84 29 eP 27 41.40 -0.7
 S.D. = 0.8 on 11 of 11 obs.

% OCT 16, 1992 13h 56m 36.96±0.59s
 44.312 N ±5.7km 7.464 E ±5.0km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
 ML 2.0 (GEN).

ENR 0.09 200 P 56 39.62 0.0
 S 56 41.47
 STV 0.12 236 P 56 40.14 0.1
 S 56 42.19
 ROB 0.29 93 P 56 43.83 0.7
 S 56 47.11
 PZZ 0.32 307 P 56 43.93 0.2
 S 56 48.85
 IMI 0.51 143 P 56 47.01 -0.2
 FIN 0.54 101 P 56 47.52 -0.5
 BHB 0.55 345 P 56 47.73 -0.3
 S.D. = 0.5 on 7 of 7 obs.

% OCT 16, 1992 16h 04m 38.46±0.52s
 44.534 N ±4.7km 7.386 E ±4.8km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)

ML 2.0 (GEN).

PZZ 0.21 262 P 04 43.34 0.3
 S 04 46.73
 STV 0.29 189 P 04 44.37 -0.3
 S 04 48.88
 ENR 0.31 175 P 04 44.47 -0.4
 S 04 48.57
 BHB 0.32 344 P 04 44.78 -0.3
 S 04 49.29
 ROB 0.42 124 P 04 46.52 -0.6
 S 04 52.88
 RRL 0.58 312 P 04 50.42 0.1
 FIN 0.67 119 P 04 52.47 0.6
 S 05 01.18
 IMI 0.72 150 P 04 53.29 0.6
 PCP 0.83 89 P 04 54.52 0.0
 S.D. = 0.5 on 9 of 9 obs.

OCT 16, 1992 16h 15m 19.78±0.26s
 20.430 S ±6.2km 169.255 E ±7.4km
 DEPTH = 40.0km (13 depth phases)
 5.3mb (26 obs.) 4.9Msz (13 obs.)
 VANUATU ISLANDS (186)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 32S, 49C

Centroid Location:

Origin Time 16:15:24.4 0.4

Lat 20.58S FIX; Lon 169.41E FIX

Dep 49.8 3.1 Half-duration 1.1

Moment Tensor: Scale 10¹⁶ Nm

Mrr=9.35 0.37 Mtt=-1.15 0.76

Mff=-8.20 0.72 Mrt=-0.17 0.66

Mrf=-4.57 0.59 Mtf=3.80 0.43

Principal Axes:

T Val=10.57 Plg=74 Azm=111

N 0.15 10 341

P -10.72 12 249

Best Double Couple: Mo=1.1*10¹⁷

NP1: Strike=326 Dip=34 Slip=72

NP2: 168 58 102

PVC 2.82 341 iPd 16 06.00 2.5
 iS 16 39.00
 BKM 2.91 341 iPd 16 06.50 1.8
 DZM 3.09 238 iPd 16 06.60 -0.8
 iS 16 41.20
 HNR 14.15 319 eP 18 44.00 4.3X
 BRS 16.58 242 iPc+ 19 12.00 1.0
 0.9s 7.00nm 3.8mb X
 i 19 30.50
 eS 22 33.00
 URZ 19.03 161 eP 19 41.70 0.6
 NOZ 19.65 159 eP 19 47.80 -0.3
 0.5s 96.00nm 5.3mb
 CAW 21.20 168 eP 20 04.20 0.0
 MTW 21.34 167 eP 20 04.50 -1.0
 CTA 21.58 267 iPc 20 11.00 2.9
 1.1s 25.32nm 4.5mb
 Z 23s 10.61um 5.2MszX
 i 20 15.50
 eS 24 09.00
 i 24 28.00
 iPP 26 22.00
 i 26 43.00
 LTZ 22.43 174 eP 20 18.10 1.6
 BWA 23.10 229 eP 20 21.10 -2.0
 e 20 24.50
 iPP 20 33.40 50km
 CAN 23.19 226 eP 20 26.30 2.4
 i 20 33.10
 iPP 20 36.60 39km
 PMG 23.97 294 eP 20 32.00 0.4
 1.2s 90.63nm 5.2mb
 STK 27.25 240 eP 21 02.60 0.4
 0.8s 2.70nm 3.9mb X
 i 21 13.10 39km
 eS 26 04.30
 ASPA 32.88 258 iPc 21 51.30 -1.1
 0.6s 34.00nm 5.4mb
 Z 21s 2.40um 4.9Msz
 ePP 22 01.40 36km
 MTN 37.23 276 eP 22 29.00 -0.5
 WARB 39.42 253 eP 22 47.50 -0.4
 0.5s 9.00nm 4.8mb
 MBL 46.06 260 eP 23 40.50 -1.3

16d 16h

LBF 150.92 339 ePKP 35 08.30 4.5X
 1.0s 12.20nm
 GRR 150.99 346 ePKP 35 08.20 4.4X
 1.3s 70.05nm
 SSF 151.01 340 ePKP 35 08.50 4.6X
 1.1s 34.45nm
 LPL 151.13 334 ePKP 35 09.30 4.9X
 0.8s 11.55nm
 LPG 151.14 334 ePKP 35 09.50 5.0X
 0.7s 11.70nm
 SMF 151.26 339 ePKP 35 08.90 4.6X
 0.9s 10.00nm
 AVF 151.30 340 ePKP 35 08.90 4.6X
 0.9s 9.50nm
 LPF 151.37 346 ePKP 35 09.10 4.8X
 0.9s 45.05nm
 BNI 151.53 334 PKP 35 10.10 5.2X
 BGF 151.67 340 ePKP 35 09.90 5.0X
 1.0s 15.40nm
 MAF 152.06 340 ePKP 35 10.90 5.4X
 1.1s 16.35nm
 TCF 152.11 341 ePKP 35 10.90 5.3X
 1.1s 17.85nm
 SBF 152.14 331 ePKP 35 10.80 5.1X
 LSF 152.35 341 ePKP 35 11.10 5.2X
 1.1s 14.90nm
 PGF 152.39 327 ePKP 35 11.60 5.4X
 0.7s 19.60nm
 MFF 152.49 344 ePKP 35 11.60 5.6X
 1.1s 22.20nm
 FRF 152.74 332 ePKP 35 12.20 5.7X
 0.9s 9.65nm
 LRG 152.95 332 ePKP 35 12.80 6.1X
 LMR 152.98 332 ePKP 35 12.80 6.0X
 0.6s 3.70nm
 RJF 153.21 341 ePKP 35 13.40 6.3X
 0.9s 7.70nm
 Z 23s 0.25um 5.0MszX
 CAF 153.37 339 ePKP 35 14.10 6.7X
 LFF 153.77 341 ePKP 35 14.60 6.7X
 LPO 153.87 340 ePKP 35 15.10 7.1X
 1.1s 14.90nm

S.D. = 1.4 on 116 of 190 obs.

% OCT 16, 1992 17h 20m 12.24 ± 1.52s
 39.760 N ± 10.3km 23.583 E ± 12.3km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 1.5 (THE).

PAIG 0.18 24 ePg 20 16.42 0.1
 eSg 20 18.50
 LIT 0.91 292 ePg 20 29.54 -0.1
 eSg 20 43.22
 SOH 1.07 351 ePg 20 32.06 -0.4
 AGG 1.22 233 ePb 20 34.90 0.0
 eSb 20 52.40
 SRS 1.36 0 ePb 20 36.86 -0.3
 iSb 20 56.37
 KNT 1.49 340 ePb 20 39.82 0.7
 eSb 21 01.62
 GRG 1.50 323 ePb 20 39.18 0.0
 eSb 21 01.00

S.D. = 0.4 on 7 of 7 obs.

* OCT 16, 1992 17h 24m 28.82 ± 2.58s
 37.350 N ± 17.4km 21.028 E ± 20.3km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 MD 3.4 (ATH).

VLS 0.90 337 ePg 24 46.00 0.0
 eSg 25 01.00
 VLI 1.65 112 ePb 24 58.00 0.0
 AGG 1.96 31 eP 25 04.48 2.0
 LIT 2.98 22 eP 25 17.32 0.4
 KZN 3.01 11 ePg 25 27.50 10.0X
 PAIG 3.31 38 eP 25 20.60 -1.0
 KNT 4.07 20 eP 25 31.92 -0.6
 SRS 4.26 27 eP 25 34.28 -0.8

S.D. = 1.3 on 7 of 8 obs.

? OCT 16, 1992 17h 28m 21.63 ± 1.59s
 16.783 N ± 10.2km 98.632 W ± 9.5km
 DEPTH = 53.5 ± 12.7 km
 4.3mb (7 obs.) 3.8Msz (6 obs.)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 1.18 274 iP 28 31.50 -10.6X
 iS 28 40.50
 OXX 1.85 80 iP 28 55.50 3.8X
 iS 29 27.50
 IIT 2.25 8 iP 28 58.75 1.4
 PPM 2.27 0 iP 28 58.00 0.1
 IISM 2.50 28 iP 29 02.50 1.9
 UNM 2.59 348 iP 29 03.00 0.9
 MRX 3.79 320 iP 29 17.00 -1.9
 CGX 5.43 303 (P) 29 38.50 -3.8X
 SCX 5.75 90 (P) 30 06.00 19.5X
 AGX 6.14 326 (P) 30 00.00 8.1X
 TPX 6.41 106 (P) 29 38.00 -17.8X
 MZX 9.72 312 (P) 31 32.00 50.5X
 UYO 17.71 11 iPc 32 25.00 -1.1
 MEO 17.93 0 iPd 32 29.10 0.3
 MIAR 18.26 13 eP 32 30.76 -2.1
 1.0s 22.68nm 4.3mb
 VVO 18.66 7 eP 32 27.70 -10.0X
 OCO 18.69 3 iPd 32 31.30 -6.8X
 TUC 18.98 327 eP 32 41.38 -0.3
 1.0s 11.33nm 4.1mb
 SIO 19.00 6 eP 32 41.30 -0.5
 e 32 46.30
 TUL 19.22 7 eP 32 42.80 -1.4
 0.8s 11.70nm 4.2mb
 Z 18s 0.11um 4.9MszX
 S 36 23.00
 LR 39 38.00
 LNO 19.22 7 eP 32 42.80 -1.4
 e 32 55.90
 ALQ 19.39 340 eP 32 44.79 -1.6
 0.8s 5.76nm 3.9mb
 RLO 19.57 9 eP 32 46.00 -2.0
 OLY 19.71 18 eP 32 48.95 -0.5
 GLA 21.82 321 eP 33 09.81 -1.3
 ELC 22.05 20 eP 33 14.23 1.0
 FVM 22.32 17 eP 33 17.45 1.5
 0.5s 15.76nm 4.7mb
 PLM 23.28 319 eP 33 28.06 2.4
 PV10 23.37 339 eP 33 26.70 0.2
 GOL 23.58 347 eP 33 29.62 1.1
 0.9s 21.00nm 4.6mb
 Z 20s 0.63um 4.1Msz
 SRU 24.55 337 eP 33 37.68 -0.2
 GSC 24.56 322 eP 33 38.24 0.4
 ARUT 24.65 331 eP 33 39.47 0.6
 EMUT 25.28 338 eP 33 45.19 0.3
 TPNV 25.42 326 (P) 33 48.02 1.9
 CEH 25.77 39 (P) 33 52.79 3.6X
 e 35 21.49
 ISA 25.80 321 eP 33 49.96 0.4
 1.2s 14.00nm 4.4mb
 Z 19s 0.25um 3.8Msz
 DAU 25.96 338 eP 33 51.06 -0.3
 JFWS 27.01 14 P 34 10.00 9.5X
 Z 18s 0.22um 3.8Msz
 BONR 27.27 325 eP 34 03.49 0.2
 CMB 28.52 322 P 34 30.00 15.7X
 Z 20s 0.07um 3.3Msz
 LRM 31.17 341 eP 34 37.80 -0.2
 WDC 31.46 324 P 34 50.00 9.7X
 Z 19s 0.09um 3.5Msz
 LBFM 31.62 325 eP 34 41.47 -0.5
 JAO 41.02 21 eP 36 02.50 1.4
 ZOBO 44.55 136 P 36 31.80 0.9
 LPB 44.74 136 eP 36 31.00 -1.3
 CNCB 45.02 136 P 36 34.00 -0.6
 SIV 49.32 129 (P) 36 58.00 -9.7X
 PMR 57.08 334 P 38 20.00 15.5X
 Z 19s 0.33um 4.4Msz
 MBC 60.46 354 eP 38 28.00 0.3
 HYB 145.90 5 ePKP 48 03.00 6.0X
 S.D. = 1.2 on 36 of 52 obs.

OCT 16, 1992 18h 33m 16.19 ± 0.17s
 0.252 N ± 3.6km 122.432 E ± 4.7km
 DEPTH = 157.4km (25 depth phases)
 5.4mb (67 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.8.: 24S, 33C
 Centroid Location:
 Origin Time 18:33:19.7 0.6
 Lot 0.46N 0.05 Lon 122.45E 0.05
 Dep 160.5 1.7 Hoi-f-duration 1.1

Moment Tensor; Scale 10**16 Nm
 Mrr= 7.15 0.38 Mtt=-0.32 0.49
 Mff=-6.83 0.61 Mrt=-5.73 0.36
 Mrf= 5.64 0.48 Mtf=-0.07 0.54
 Principal Axes:
 T Vol= 11.64 Plg=60 Azm=213
 N -2.36 18 337
 P -9.29 23 75
 Best Double Couple: Mo=1.0*10**17
 NP1: Strike=196 Dip=27 Slip= 132
 NP2: 330 70 71

TSM 6.07 311 iPc 34 45.10 0.3
 iS 35 53.80
 MKS 6.19 209 iPd 34 48.00 1.6
 MTN 15.61 147 eP 36 49.50 0.4
 0.3s 321.00nm 6.1mb
 KNA 17.09 159 iPc 37 07.30 0.1
 KGM 19.19 275 ePd 37 29.90 -0.4
 KLM 20.97 278 ePc 37 50.50 2.2
 MBL 21.43 187 iPc 37 52.50 -0.4
 WWKK 21.52 100 eP 37 56.50 2.6
 IPM 21.81 282 ePc 37 57.70 1.1
 0.8s 353.80nm 5.9mb
 PPI 22.05 268 iP 38 01.00 2.1
 1.0s 568.50nm 6.0mb
 MNDI 22.12 107 eP 38 05.00 5.1X
 QIZ 22.38 327 eP 38 03.70 1.6
 S 41 55.00
 NANU 23.65 196 iPc 38 14.50 0.1
 GZH 24.36 339 P 38 22.50 1.4
 LAT 25.46 106 eP 38 33.70 2.3
 NNT 25.63 299 ePc 38 34.00 1.0
 PJG 25.87 58 eP 38 35.00 -0.2
 GUA 25.88 58 eP 38 34.80 -0.5
 0.7s 208.22nm 5.9mb
 ASPA 26.26 156 iPc 38 38.30 -0.4
 0.6s 177.90nm 5.9mb
 e 39 19.20 207kmX
 eS 42 56.40
 eScS 49 10.60
 PMG 26.42 112 eP 38 40.50 0.3
 0.7s 47.95nm 5.3mb
 LOE 26.57 311 iPc 38 42.20 0.7
 WARB 26.59 172 iPc 38 41.30 -0.4
 NST 26.82 306 eP 38 47.00 3.2X
 MEEK 26.99 188 iPc 38 44.10 -1.1
 0.4s 152.00nm 6.0mb
 KHT 27.64 303 eP 38 52.70 1.5
 BDT 28.59 307 eP 39 01.00 1.3
 0.8s 155.70nm 5.8mb
 CHG 29.53 310 iPc 39 09.50 1.4
 1.1s 286.39nm 5.9mb
 MRWA 29.94 191 iPc 39 10.40 -1.2
 GYA 30.16 331 iPc 39 15.00 1.3
 0.8s 52.00nm 5.3mb
 PcP 42 10.60
 S 44 02.00
 ScP 45 02.00
 ScS 49 31.60
 CTA 30.87 132 iPc 39 20.20 0.3
 1.0s 55.00nm 5.2mb
 e 39 38.00 76kmX
 e(PP) 41 34.00
 iS 44 10.00
 i 45 38.00
 e 46 41.00
 iScS 49 38.00
 COOL 30.99 182 eP 39 18.50 -2.3
 0.4s 20.00nm 5.2mb
 WHN 31.09 346 Pc 39 23.50 1.9
 1.0s 18.00nm 4.8mb
 BAL 31.17 190 iPc 39 21.00 -1.3
 0.3s 109.00nm 6.1mb
 KMI 31.21 324 Pc 39 25.00 2.0
 1.1s 50.00nm 5.2mb
 FORT 31.32 171 iPc 39 23.00 -0.6
 NJ2 31.81 354 eP 39 25.00 -2.8
 KLB 31.98 188 iPc 39 28.10 -1.3
 MUN 32.59 190 iPc 39 33.30 -1.4
 1.0s 200.00nm 5.8mb
 RKG 35.01 188 eP 39 55.30 -0.1
 0.5s 45.00nm 5.4mb
 CD2 35.27 332 iPc 39 58.00 0.3
 0.8s 150.00nm 5.8mb
 S 45 19.80

[illegible]

16d 18h

YJA 156.88 161 ePKPc 52 56.50 1.3
 CNCB 160.61 149 PKP 53 01.40 1.8
 LPB 160.78 148 ePKP 52 52.00 -7.6X
 ZOBO 160.96 147 iPKPc 53 01.20 1.2
 1.2s 23.65nm
 SIV 163.98 168 PKP 53 04.20 1.9
 i 53 46.00
 S.D. = 1.2 on 149 of 162 obs.

OCT 16, 1992 18h 51m 44.31±0.37s
 48.584 N ± 4.1km 4.855 E ± 3.5km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.9 (LDG). MD 2.2 (UCC).

HAU 1.15 120 Pn 52 06.60 0.7
 Pg 52 07.10
 Sg 52 22.50
 LOR 1.48 207 Pn 52 11.60 0.6
 Pg 52 13.20
 Sn 52 31.20
 Sg 52 33.50
 BSF 1.50 119 Pn 52 11.20 -0.1
 Pg 52 13.10
 Sn 52 29.40
 Sg 52 32.70
 DOU 1.52 354 iPd 52 12.80 1.2
 iS 52 32.40
 CDF 1.62 95 Pn 52 12.30 -0.8
 Pg 52 14.40
 Sg 52 34.40
 LBF 1.71 201 Pn 52 15.20 0.9
 Pg 52 17.10
 Sg 52 40.50
 RUP 1.83 51 ePn 52 15.02 -1.1
 SNF 1.97 349 iP 52 20.30 2.3
 HYF 1.99 229 Pn 52 19.20 0.9
 Pg 52 23.30
 Sg 52 43.00
 SMF 2.06 200 Pn 52 19.60 0.2
 Pg 52 24.20
 Sg 52 50.80
 AVF 2.06 210 Pn 52 19.40 0.0
 Pg 52 24.80
 Sg 52 52.40
 ABH 2.19 53 ePn 52 20.00 -1.2
 FEL 2.23 107 ePn 52 21.43 -0.5
 BGF 2.44 215 Pn 52 24.80 0.0
 Pg 52 31.50
 Sg 53 02.60
 MAF 2.83 214 Pn 52 30.00 -0.4
 Pg 52 36.80
 Sg 53 14.60
 TCF 2.92 219 Pn 52 31.80 0.2
 Pg 52 38.60
 Sg 53 16.10
 LSF 3.25 225 Pn 52 36.50 0.2
 Pg 52 45.60
 Sg 53 26.80
 LDF 3.30 272 Pn 52 36.50 -0.6
 Pg 52 46.80
 Sn 53 15.60
 Sg 53 30.00
 LPL 3.33 157 Pn 52 38.70 1.1
 LPG 3.35 157 Pn 52 39.00 1.0
 FLN 3.54 275 Pn 52 39.70 -0.7
 Pg 52 51.80
 Sg 53 36.30
 GRR 3.81 269 Pn 52 43.50 -0.7
 Sn 53 26.40
 Sg 53 46.90
 MFF 3.92 242 Pn 52 45.10 -0.7
 Sn 53 30.10
 LPF 3.97 264 Pn 52 45.90 -0.6
 CAF 4.13 209 Pn 52 47.80 -1.0
 Sn 53 38.80
 Sg 53 54.90
 LRG 5.24 168 Pn 53 03.60 -0.9
 S.D. = 0.9 on 26 of 26 obs.

& OCT 16, 1992 19h 05m 03.76s
 57.640 N 142.856 W
 DEPTH = 10.0km (geophysicist)
 GULF OF ALASKA (15)
 <AEIC>. ML 2.6 (AEIC).

KAIM 2.43 341 eP 05 38.75 -5.4
 S 06 05.17
 WRG 2.44 10 eP 05 39.58 -4.7
 S 06 07.01
 SNH 2.55 0 eP 05 40.56 -5.3
 S 06 08.46
 PNL 2.72 40 iP 05 42.65 -5.7
 S 06 12.86
 HQN 2.77 47 eP 05 43.06 -5.9
 YAH 2.79 11 iP 05 44.43 -5.1
 YAH 2.79 11 iP 05 44.39 -5.1
 HMT 2.80 346 eP 05 43.80 -5.6
 PCA 2.81 28 eP 05 44.24 -5.4
 WAX 2.82 0 eP 05 43.90 -5.8
 BCPM 2.86 34 iP 05 44.72 -5.6
 S 06 16.47
 SGAM 3.12 338 eP 05 48.28 -5.6
 eS 06 24.04
 TGL 3.13 0 eP 05 48.41 -5.7
 CROM 3.13 357 iP 05 48.41 -5.8
 CVA 3.28 334 eP 05 49.74 -6.4
 HIN 3.35 327 eP 05 50.98 -6.2
 BALM 3.42 4 eP 05 52.73 -5.5
 CTGM 3.43 13 eP 05 52.95 -5.5
 MTU 3.43 315 eP 05 52.05 -6.3
 KNIM 3.71 319 eP 05 55.67 -6.6
 GLB 3.85 353 eP 05 58.13 -6.2
 KLU 4.17 339 eP 06 02.42 -6.4
 MPA 4.41 313 eP 06 05.22 -7.0
 KNK 4.74 325 eP 06 11.09 -5.8
 SLKM 4.76 310 eP 06 10.41 -6.9
 CNPM 4.78 297 eP 06 10.63 -6.8
 26 obs. associated

? OCT 16, 1992 19h 37m 23.72±1.02s
 44.492 N ± 6.7km 7.315 E ± 12.0km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.4 (GEN).

PZZ 0.15 275 P 37 27.39 0.0
 S 37 29.96
 STV 0.25 178 P 37 29.01 0.0
 S 37 32.70
 ENR 0.28 164 P 37 29.59 0.0
 S 37 33.43
 BHB 0.35 354 P 37 30.97 0.0
 S.D. = 0.0 on 4 of 4 obs.

% OCT 16, 1992 19h 43m 39.46±1.68s
 31.305 S ± 13.9km 68.286 W ± 12.4km
 DEPTH = 103.2 ± 17.7 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.16 261 iPc 43 54.00 -0.4
 CFA 0.30 172 iPc 43 54.90 0.2
 S 44 06.00
 RTCB 0.48 247 iPc 43 55.50 -0.3
 S 44 08.50
 RTCV 0.59 201 iPc 43 56.90 0.3
 S 44 08.50
 RTBS 1.06 250 ePc 44 01.40 0.4
 MDZ 1.65 197 eP 44 10.20 2.0X
 eS 44 31.20
 RTPR 1.82 57 ePd 44 10.20 -0.1
 TCA 3.16 92 iP 44 28.60 0.3
 (S) 45 04.40
 RFA 3.46 182 eP 44 32.00 -0.4
 CYA 3.58 38 ePd 44 42.00 8.0X
 S.D. = 0.4 on 8 of 10 obs.

& OCT 16, 1992 19h 58m 16.97s
 34.607 N 116.329 W
 DEPTH = 0.0km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.4 (PAS). 3.3 (GS).

GSC 0.80 331 iPd 58 32.11 -0.7
 PEC 0.99 224 iPd 58 35.43 -1.3
 eS 58 50.22
 SSK 1.20 251 ePnd 58 39.15 -1.2
 eS 58 55.30
 PLM 1.33 200 iPd 58 41.67 -0.9
 GLA 1.99 141 ePn 58 49.51 -2.8
 ISA 2.05 302 ePn 58 50.81 -2.4
 ePg 58 54.88
 eS 59 20.17

TPNV 2.34 2 ePn 58 55.53 -1.9
 ABL 2.39 277 ePn 58 55.29 -3.0
 BCH 3.14 282 ePn 59 06.43 -2.3
 TNP 3.54 349 ePn 59 14.15 -0.4
 ePg 59 23.24
 PHAM 3.55 291 (P) 59 12.41 -2.1
 BONR 3.70 335 ePn 59 15.36 -1.6
 MEMM 3.71 326 (Pn) 59 15.11 -1.7
 ePg 59 26.36
 ARUT 3.94 36 ePn 59 18.46 -1.8
 MSU 5.14 39 ePn 59 35.72 -1.5
 15 obs. associated

& OCT 16, 1992 20h 45m 24.53s
 34.851 N 119.228 W
 DEPTH = 11.9km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS).

ABL 0.01 92 iPc 45 26.34 -0.6
 BCH 0.78 296 ePd 45 38.60 -1.0
 ISA 1.02 37 eP 45 42.23 -1.4
 eLg 45 55.28
 PHAM 1.37 316 eP 45 48.52 -0.9
 PKEM 1.41 329 (P) 45 48.60 -1.3
 SSK 1.42 116 ePc 45 50.17 -0.1
 eLg 46 10.35
 PEC 1.96 119 eP 45 56.72 -1.2
 PLM 2.47 127 eP 46 03.97 -1.4
 MEMM 2.82 5 (P) 46 10.60 0.4
 BONR 3.19 13 eP 46 17.80 2.1
 TPNV 3.20 48 (P) 46 19.57 3.8
 TNP 3.61 26 ePg 46 27.83 6.2
 12 obs. associated

* OCT 16, 1992 20h 54m 20.31±1.73s
 22.671 S ± 6.9km 176.973 W ± 7.9km
 DEPTH = 267.7 ± 16.8 km
 4.6mb (8 obs.)
 SOUTH OF FIJI ISLANDS (171)

BKM 14.74 287 iPc 57 37.80 -0.4
 DZM 15.35 269 iPc 57 46.00 0.3
 MNG 19.00 198 eP 58 18.00 -6.0X
 eS 01 39.90
 QRZ 20.15 204 eP 58 35.70 0.1
 THZ 20.85 202 eP 58 41.40 -1.0
 KHZ 21.22 200 eP 58 46.10 0.1
 LTZ 21.97 202 eP 58 53.40 0.2
 BWZ 24.34 203 eP 59 14.90 -0.6
 CAN 32.16 239 iPc 00 27.00 1.8
 BWA 32.43 241 iPc 00 27.00 -0.5
 CTA 34.29 267 iPd 00 44.00 0.5
 1.0s 25.00nm 4.7mb
 e 09 37.00
 PMG 36.79 285 eP 01 04.00 -0.6
 STK 37.77 247 eP 01 13.70 1.2
 0.8s 6.20nm 4.2mb
 ASPA 45.00 259 eP 02 11.70 0.4
 0.6s 51.60nm 5.0mb
 WARB 51.12 254 eP 02 57.50 -0.9
 COOL 55.25 247 eP 03 28.00 -0.4
 KLB 58.02 246 eP 03 48.00 0.2
 MBL 58.24 258 eP 03 49.00 -0.4
 BAL 59.07 247 eP 03 54.50 -0.5
 MRWA 59.92 248 eP 04 01.00 0.2
 NANU 61.77 256 eP 04 13.00 -0.2
 0.4s 21.00nm 5.1mb
 SPA 67.47 180 iPc 04 53.10 3.8X
 1.0s 9.50nm 4.5mb
 BCH 78.84 44 eP 05 55.01 -0.4
 ISA 80.18 45 eP 06 02.82 0.4
 1.2s 19.19nm 4.7mb
 e 07 02.46

GLA 81.12 49 eP 06 07.44 0.1
 TUC 83.57 51 eP 06 20.83 0.9
 0.9s 10.14nm 4.6mb
 SRU 87.34 46 eP 06 38.57 0.1
 DPW 87.76 35 eP 06 40.13 0.1
 FBA 90.15 12 eP 06 49.77 -1.0
 0.7s 3.18nm 4.4mb
 GBA 109.33 277 PKP 12 10.00 -10.8X
 MML 149.78 296 ePKP 13 42.90 7.8X
 KSP 150.04 343 ePKP 13 41.90 7.0X
 BGIO 150.18 295 ePKP 13 44.60 8.8X
 CLL 150.38 347 iPKP 13 41.90 6.6X
 1.2s 20.00nm

BRG 150.59 346 iPKPc 13 43.60 7.9X
 1.0s 12.00nm
 MBH 150.63 291 ePKP 13 46.00 9.5X
 PRU 151.27 344 PKP 13 44.50 7.8X
 KHC 152.30 345 PKP 13 47.00 8.7X
 1.0s 3.50nm
 GEC2 152.54 345 PKP 13 46.70 8.0X
 1.0s 4.03nm
 BCAO 156.47 222 iPKPc 14 04.00 19.0X
 0.3s 3.00nm
 S.D. = 0.7 on 27 of 40 obs.

OCT 16, 1992 21h 24m 20.05±0.49s
 1.329 N ± 6.2km 123.559 E ±11.6km
 DEPTH = 33.0km (normal)
 4.8mb (5 obs.) 4.3Msz (7 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

TSM 6.40 298 ePc 25 50.00 -4.5X
 CGP 7.17 9 ePc 26 06.00 0.7
 BIP 7.36 21 ePc 26 29.00 21.1X
 MKS 7.68 212 iPd 26 13.20 0.8
 PPR 9.67 330 iPd 26 37.00 -3.0
 PLP 9.87 8 ePd 26 46.50 3.7X
 CVP 16.36 354 eP 28 15.00 6.0X
 KNA 17.73 163 eP 28 28.00 1.8
 MBL 22.65 189 eP 29 18.50 -1.2
 IPM 22.73 279 ePd 29 22.90 2.3
 PPI 23.23 266 eP 29 25.50 0.1
 LAT 24.71 109 eP 29 44.40 4.6X
 NANU 25.00 198 eP 29 41.50 -1.0
 0.5s 30.00nm 5.1mb
 ASPA 26.80 159 eP 29 59.30 0.0
 0.6s 7.70nm 4.5mb
 Z 19s 0.50um 4.1Msz

WARB 27.51 174 eP 30 05.60 -0.1
 GYA 29.80 328 P 30 27.80 1.3
 Z 24s 0.49um 4.1MszX
 S 35 24.00

MRWA 31.22 193 eP 30 37.00 -1.8
 KLB 33.20 189 eP 30 54.00 -2.0
 CD2 34.89 329 eP 31 10.80 0.1
 Z 20s 0.47um 4.2Msz
 eS 36 45.00

STK 37.19 154 eP 31 30.20 0.1
 0.4s 4.50nm 4.7mb
 MAT 37.57 20 eP 31 32.00 -1.2
 TIY 37.63 345 eP 31 30.90 -2.9
 Z 20s 0.75um 4.5Msz
 N 19s 0.89um

BJI 39.11 351 eP 31 47.00 0.9
 Z 20s 0.30um 4.1Msz
 eS 37 44.00

LZH 39.12 334 eP 31 58.00 11.6X
 2.0s 27.00nm
 Z 18s 0.35um 4.2Msz
 E 14s 0.32um
 eS 37 46.90

HHC 40.81 346 eP 32 01.50 1.3
 Z 16s 0.59um 4.5MszX
 N 30s 2.36um
 eS 38 12.00

LSA 41.78 316 P 32 10.40 1.6
 BWA 42.53 149 iPc 32 18.60 4.2X
 CAN 43.53 149 iPc 32 25.10 2.6
 GTA 43.65 333 Pd 32 25.00 1.5
 1.0s 14.00nm 4.7mb
 Z 18s 0.46um 4.4Msz
 E 16s 0.70um

pP 32 30.00 17kmX
 sP 32 35.00
 S 38 54.00

GUN 44.69 310 P 32 33.44 1.1
 PKI 44.89 309 P 32 33.26 -0.7
 KKN 45.09 309 P 32 34.72 -0.7
 DMN 45.14 309 P 32 35.56 -0.3
 GKN 45.69 309 P 32 39.96 -0.1

HYB 47.02 293 eP 32 51.00 0.4
 GBA 47.22 287 P 32 52.00 -0.1
 WMO 52.96 328 eP 33 36.50 0.8
 Z 18s 0.37um 4.5Msz
 YAK 60.71 3 eP 34 30.40 0.0
 0.8s 26.00nm 5.4mb

MAIO 68.48 309 eP 35 21.00 -0.5
 ZOBO 161.20 143 PKP 44 18.00 -1.8

Z 18s 0.10um 52 08.00
 S.D. = 1.4 on 33 of 40 obs.

? OCT 16, 1992 21h 37m 48.40±4.95s
 16.153 N ±43.0km 99.515 W ±21.5km
 DEPTH = 33.0km (normal)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 0.78 335 iP 38 03.00 0.0
 OXX 2.83 71 iP 38 32.50 0.0
 iS 39 03.50
 IIT 3.08 22 (P) 38 32.50 -3.5X
 (S) 39 10.00

UNM 3.18 6 (P) 38 37.50 0.0
 IISM 3.48 36 eP 38 41.50 0.0
 MRX 3.88 336 (P) 38 54.50 7.4X
 (S) 39 46.50
 S.D. = 0.1 on 4 of 6 obs.

* OCT 16, 1992 22h 03m 40.23±0.56s
 1.354 N ± 8.0km 123.405 E ±11.0km
 DEPTH = 33.0km (normal)
 4.5mb (4 obs.) 4.1Msz (2 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

MKS 7.62 211 iPc 05 33.20 1.4
 IPM 22.57 279 ePc 08 40.20 1.0
 MBL 22.65 189 eP 08 33.00 -6.9X
 PPI 23.08 266 eP 08 44.00 -0.1

LAT 24.86 109 eP 09 03.30 1.9
 NANU 24.98 197 eP 09 00.30 -2.2
 ASPA 26.88 158 eP 09 20.00 -0.2
 0.6s 6.00nm 4.4mb
 CD2 34.79 330 eP 10 29.70 -0.4

XAN 35.23 339 P 10 32.90 -0.8
 STK 37.28 154 eP 10 50.00 -1.0
 0.5s 2.60nm 4.3mb
 TIY 37.56 346 eP 10 53.10 -0.3
 Z 18s 0.36um 4.2Msz

MAT 37.60 20 (P) 10 48.00 -5.7X
 LZH 39.03 334 eP 11 12.00 6.1X
 1.6s 15.00nm 4.5mb
 Z 20s 0.20um 3.9Msz

PP 12 47.00
 PpP 13 16.50
 eS 17 06.00

BJI 39.06 351 eP 11 05.50 -0.3
 LSA 41.65 316 P 11 29.40 1.5
 GTA 43.56 333 Pd 11 43.50 0.5
 1.2s 16.00nm 4.7mb

sP 11 54.50
 GUN 44.55 310 P 11 53.00 1.5
 PKI 44.75 309 P 11 52.60 -0.4
 KKN 44.96 309 P 11 53.20 -1.3

DMN 45.00 309 P 11 55.00 0.0
 GKN 45.56 309 P 11 58.00 -1.2
 HYB 46.87 293 eP 12 10.00 0.4
 S.D. = 1.2 on 19 of 22 obs.

& OCT 16, 1992 22h 23m 09.80s
 40.218 N 124.372 W
 DEPTH = 5.0km (geophysicist)
 NEAR COAST OF NORTHERN CALIF. (35)
 <BRK>. ML 3.0 (BRK).

FOX 0.42 44 iPd 23 18.82 0.6
 EKR 0.51 20 iPd 23 19.91 -0.1
 eS 23 26.46
 FHC 0.65 27 iPc 23 22.78 -0.1
 eS 23 31.82

3 obs. associated
 & OCT 16, 1992 22h 36m 09.16s
 35.026 N 116.962 W
 DEPTH = 1.1km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
 Felt.

GSC 0.30 25 iPc 36 15.27 0.0
 SSK 1.01 217 eP 36 27.87 -1.4
 S 36 42.10

PEC 1.14 188 ePd 36 30.37 -1.0
 eS 36 45.78

ISA 1.39 298 iPc 36 34.45 -1.2
 PLM 1.67 177 ePd 36 38.93 -0.9
 eS 37 02.22

ABL 1.86 265 ePn 36 41.20 -1.5
 iPg 36 43.58
 TPNV 2.00 17 ePn 36 44.72 0.0
 ePg 36 46.78
 S 37 13.24

BCH 2.56 274 ePn 36 50.63 -2.0
 GLA 2.65 137 (Pn) 36 52.73 -1.1
 TNP 3.06 356 ePn 36 59.75 0.0
 BONR 3.12 340 (Pn) 37 00.59 -0.1
 ePg 37 08.21

11 obs. associated
 & OCT 16, 1992 23h 23m 55.88s
 63.036 N 149.662 W
 DEPTH = 85.9km
 CENTRAL ALASKA (1)
 <AEIC>.

PWA 1.39 184 eP 24 20.50 0.1
 PMR 1.47 170 iPd 24 21.52 0.1
 PMS 1.80 178 eP 24 26.20 0.4

TOA 1.87 118 eP 24 27.80 1.0
 FBA 2.05 23 eP 24 28.13 -1.0
 SPU 2.17 212 ePn 24 30.60 -0.3
 KLU 2.34 130 ePn 24 31.98 -1.2
 SLKM 2.55 186 ePn 24 36.46 0.4
 eS 25 04.06

SVW 3.41 238 eP 24 47.70 -0.1
 IMA 3.50 332 eP 24 49.60 0.4
 BALM 3.99 117 eP 24 54.05 -1.9
 11 obs. associated

? OCT 17, 1992 01h 06m 00.79±4.65s
 33.021 S ±13.5km 72.225 W ±33.4km
 DEPTH = 10.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 3.7 (SAN).

LCCH 0.71 130 iPd 06 14.95 0.1
 iS 06 24.15
 ROCH 1.02 88 iPd 06 20.04 -0.2
 iS 06 32.97

LNV 1.15 144 iPd 06 22.11 -0.2
 iS 06 36.94
 TACH 1.25 121 iP+ 06 23.70 -0.3
 iS 06 39.03

PEL 1.30 96 iP 06 25.00 0.1
 JACH 1.41 77 iP 06 26.38 -0.3
 iS 06 44.85
 PCH 1.55 113 iP 06 28.75 0.2
 iS 06 48.53

CHCH 1.60 125 iP 06 29.26 0.1
 iS 06 49.66
 FCH 1.65 101 iP 06 30.75 0.5
 iS 06 51.78

S.D. = 0.3 on 9 of 9 obs.
 ? OCT 17, 1992 01h 20m 28.22±1.19s
 19.623 S ±14.2km 170.125 E ±17.9km
 DEPTH = 33.0km (normal)
 VANUATU ISLANDS (186)

PVC 2.54 317 iP 21 08.20 0.2
 iS 21 31.50
 BKM 2.64 317 iP 21 02.50 -6.9X
 DZM 4.22 234 iPc 21 31.70 -0.2
 iS 22 19.90

CTA 22.45 265 iP 25 27.00 1.1
 i 25 45.00
 BWA 24.24 228 eP 25 44.30 1.0
 CAN 24.33 226 eP 25 47.80 3.6X

ASPA 33.85 257 iPd 27 08.00 -2.0
 0.7s 17.10nm 5.1mb
 GEC2 145.22 332 PKP 40 03.70 -0.4
 0.8s 1.16nm

SKO 145.38 317 PKP 40 05.00 0.5
 GRF 145.59 336 ePKP 40 04.60 0.0
 S.D. = 1.2 on 8 of 10 obs.

& OCT 17, 1992 01h 32m 20.98s
 34.607 N 116.328 W
 DEPTH = 0.0km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

17d 01h

GSC 0.80 331 ePd 32 36.16 -0.7
 PEC 0.99 224 iPd 32 39.51 -1.2
 SSK 1.20 251 eP 32 43.29 -1.0
 eS 32 59.67
 PLM 1.33 200 eP 32 45.53 -1.0
 GLA 1.99 141 (Pn) 32 55.11 -1.2
 ISA 2.05 302 ePn 32 54.83 -2.4
 ePg 32 58.84
 TPNV 2.34 2 ePn 32 59.57 -1.9
 ABL 2.39 277 ePn 32 59.98 -2.4
 TNP 3.54 349 (Pn) 33 16.78 -1.8
 BONR 3.70 335 eP 33 19.19 -1.8
 ARUT 3.94 36 eP 33 22.51 -1.7
 11 obs. associated

? OCT 17, 1992 01h 41m 12.85 ± 1.28s
 36.771 N ± 16.8km 77.614 E ± 19.5km
 DEPTH = 33.0km (normol)
 3.9mb (1 obs.)

KASHMIR-XINJIANG BORDER REGION (324)

NDI 8.07 182 iPd 43 12.00 1.3
 0.5s 35.21nm 5.7mb X
 GKN 10.56 144 P 43 45.80 0.6
 KKN 11.05 142 P 43 50.66 -1.2
 DMN 11.12 143 P 43 53.24 0.4
 GUN 11.26 139 P 43 54.82 0.0
 PKI 11.30 142 P 43 56.04 0.7
 HYB 19.30 177 eP 45 36.00 -2.0
 eS 48 54.00
 NB2 47.38 323 P 49 45.70 0.3
 0.5s 0.70nm 3.9mb
 S.D. = 1.3 on 8 of 8 obs.

* OCT 17, 1992 02h 06m 01.99 ± 2.58s
 19.354 S ± 11.0km 169.694 E ± 21.0km
 DEPTH = 57.2 ± 17.6 km
 5.3mb (6 obs.)

VANUATU ISLANDS (186)

PVC 2.07 321 iP 06 36.50 1.5
 iS 06 58.00
 BKM 2.17 320 iP 06 30.60 -5.7X
 DZM 4.07 228 iPd 07 00.80 -2.5
 iS 07 49.80
 CTA 22.08 264 iP 10 54.50 0.8
 i 11 17.00
 BWA 24.12 227 eP 11 14.10 0.5
 CAN 24.23 225 eP 11 16.70 2.0
 STK 28.15 238 eP 11 51.80 0.9
 0.5s 2.90nm 4.2mb X
 ASPA 33.52 256 iPc 12 37.20 -1.2
 0.5s 37.10nm 5.5mb
 WARB 40.13 252 eP 13 34.00 -0.1
 MBL 46.66 259 eP 14 27.00 0.1
 0.4s 14.00nm 5.2mb
 MEEK 47.33 251 eP 14 31.80 -0.4
 0.4s 30.00nm 5.6mb
 NANU 50.46 256 eP 14 56.50 0.2
 SPA 70.77 180 ePd 17 16.10 2.0
 0.9s 18.18nm 5.0mb
 CN2 74.78 328 eP 17 37.30 -0.4
 BJI 77.30 321 eP 17 50.00 -2.0
 TIY 78.21 317 eP 17 58.00 0.8
 XAN 78.50 312 eP 17 58.60 -0.3
 YAK 87.09 342 eP 18 42.20 -0.1
 1.6s 35.00nm 5.3mb
 GTA 87.52 313 P 18 46.00 1.0
 1.0s 8.00nm 4.9mb
 pP 18 52.00 19kmX
 VAY 144.48 315 iPKP 25 32.60 -1.1
 KHC 144.63 333 PKP 25 33.00 -0.7
 1.3s 6.60nm
 e 26 26.50
 GEC2 144.79 332 PKP 25 32.50 -1.6
 0.9s 3.98nm
 SKO 144.91 317 PKP 25 34.80 0.4
 GRF 145.18 335 ePKPc 25 35.20 0.6
 e 25 48.20
 BCAA 148.20 246 iPKPc 25 44.50 3.9X
 1.3s 72.00nm
 S.D. = 1.3 on 23 of 25 obs.

? OCT 17, 1992 02h 19m 31.75 ± 0.85s
 62.212 N ± 7.7km 1.765 E ± 7.5km
 DEPTH = 10.0km (geophysicist)
 NORWEGIAN SEA (642)

ML 4.1 (BGS).

FOO 1.67 110 eP 20 02.25 1.1
 eS 20 19.02
 SUE 1.84 128 eP 20 04.28 0.7
 eS 20 23.07
 HYA 2.35 115 eP 20 12.93 1.9
 eS 20 37.19
 ASK 2.40 135 iPd 20 12.22 0.6
 eS 20 37.06
 BER 2.52 135 iPd 20 13.69 0.4
 eS 20 39.58
 LRW 2.52 216 iP 20 17.79 4.4X
 eS 20 47.02
 EGD 2.57 138 iPd 20 14.50 0.5
 eS 20 40.70
 MOL 2.72 80 eP 20 18.55 2.4
 eS 20 47.42
 ODD1 3.30 132 eP 20 24.98 0.4
 eS 20 58.77
 KMY 3.46 149 iPd 20 28.78 2.1
 eS 21 03.36
 NRA0 4.92 103 Pn 20 47.09 -0.3
 Sn 21 38.87
 Sg 21 58.76
 MFI 5.05 206 iPnd 20 51.20 2.0
 eSn 21 44.10
 MCD 5.28 211 iPnc 20 54.70 2.1
 eSn 21 50.50
 EDR 5.74 204 iPnd 21 00.70 1.6
 eSn 22 00.30
 EDU 6.18 205 iPnd 21 06.60 1.4
 eSn 22 08.10
 ELO 6.40 208 iPn 21 09.60 1.2
 eSn 22 16.20
 EBH 6.56 207 iPn 21 11.80 1.2
 eSn 22 21.00
 ESY 6.70 202 iPnd 21 13.40 0.8
 eSn 22 23.70
 EDI 6.80 204 ePn 21 14.70 0.7
 eSn 22 27.00
 EAB 6.80 210 ePn 21 15.00 1.0
 eSn 22 24.40
 MUD 6.90 143 iP 21 14.30 -1.0
 iS 22 26.80
 LOF 7.72 35 eP 21 25.51 -1.3
 eS 22 43.92
 KTK1 11.13 43 eP 22 13.06 -0.8
 eS 24 07.34
 SNF 11.81 172 iPd 22 20.16 -2.9X
 ARA0 12.09 43 Pn 22 25.94 -0.9
 Sn 24 32.76
 DOU 12.25 171 P 22 27.10 -1.8
 S 24 34.30
 FLN 13.54 186 Pn 22 44.30 -1.8
 Sn 25 01.60
 LDF 13.69 185 Pn 22 46.80 -1.3
 Sn 25 06.60
 GRR 13.93 187 Pn 22 50.10 -1.2
 Sn 25 10.20
 CDF 14.17 165 Pn 22 50.20 -4.3X
 LPF 14.30 188 Pn 22 55.50 -0.6
 Sn 25 20.60
 HAU 14.47 168 Pn 22 57.70 -0.7
 Sn 25 27.50
 HYF 14.98 178 Pn 23 02.80 -2.2
 Sn 25 32.50
 LOR 15.02 174 Pn 23 02.60 -3.0X
 Sg 25 37.30
 SSF 15.22 175 Pn 23 04.70 -3.3X
 Sn 25 39.00
 LBF 15.31 174 Pn 23 06.20 -3.2X
 Sn 25 44.80
 AVF 15.48 176 Pn 23 08.90 -2.6
 SMF 15.65 175 Pn 23 12.40 -1.2
 Sn 25 52.70
 MFF 15.68 185 Pn 23 12.20 -1.9
 Sn 25 49.20
 BGF 15.70 177 Pn 23 14.20 -0.1
 Sn 25 57.20
 TCF 15.96 179 Pn 23 16.90 -0.8
 Sn 26 03.00
 LSF 16.00 181 Pn 23 16.40 -1.8
 Sn 26 00.10
 S.D. = 1.4 on 36 of 42 obs.

OCT 17, 1992 02h 51m 50.92 ± 0.12s

19.226 S ± 3.0km 169.553 E ± 3.3km
 DEPTH = 11.8km (geophysicist)
 5.8mb (79 obs.) 6.3Msz (37 obs.)
 VANUATU ISLANDS (186)

Ms 7.0 (BRK). Mo=7.9±10±18 Nm
 (PPT). Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=200 Dip=68 Slip=-22
 NP2: 299 70 -156
 Principal Axes:
 T P1g= 1 Azm= 69
 P 31 160
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to strike-slip
 faulting with a moderate
 normal component. The
 preferred fault plane is not
 determined.

RADIATED ENERGY

No. of sta: 11 Focal mech. F
 Energy 1.9±0.5±10±14 Nm

MOMENT TENSOR SOLUTION

Dep 25 No. of sta: 21
 Moment Tensor; Scale 10±18 Nm
 Mrr=-0.46 Mtt=-1.34
 Mff= 1.80 Mrt= 0.86
 Mrf= 0.42 Mtf=-1.51

Principal axes:

T Val= 2.41 P1g= 2 Azm=248
 N 0.01 64 342
 P -2.42 26 158

Best Double Couple: Mo=2.4±10±18

NP1: Strike=296 Dip=71 Slip=-162
 NP2: 200 73 -20

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 35S, 93C M.W.: 27S, 41C

Centroid Location:

Origin Time 02:51:59.3 0.1
 Lot 19.02S 0.01 Lon 169.50E 0.01

Dep 15.0 FIX Half-duration 6.4

Moment Tensor; Scale 10±18 Nm

Mrr=-2.26 0.03 Mtt= 0.01 0.04
 Mff= 2.24 0.04 Mrt= 4.26 0.12
 Mrf= 0.96 0.12 Mtf=-3.30 0.03

Principal Axes:

T Val= 5.17 P1g=18 Azm= 44
 N 1.29 39 299
 P -6.46 45 153

Best Double Couple: Mo=5.8±10±18

NP1: Strike=177 Dip=44 Slip=-24

NP2: 285 73 -132

PVC 1.89 321 iPd 52 23.60 0.3
 iS 52 57.00
 BKM 1.99 321 iPd 52 24.50 -0.2
 DZM 4.06 225 iP 52 54.50 0.2
 iS 53 43.00
 SVA 8.51 84 eP 53 56.30 -0.7
 MBU 9.00 77 eP 54 04.60 0.8
 HNR 13.46 315 eP 55 04.00 -0.3
 eS 58 22.00
 SVO 13.76 315 eP 55 13.00 4.8X
 OUZ 16.33 168 P 55 43.40 1.8
 WCZ 17.18 167 P 55 54.00 1.7
 1.1s 793.00nm 5.8mb
 BRS 17.41 239 iPd- 55 58.00 2.6
 1.5s 26.00nm 4.1mb X
 i 56 10.00
 i 56 43.00
 eS 58 27.00
 eScP 03 04.00
 KUZ 18.28 164 eP 56 05.60 -0.4
 1.0s 424.00nm 5.6mb
 AFI 18.65 76 P 56 13.00 2.1
 eS 59 44.00
 eLR 01 00.00
 WLZ 19.31 165 P 56 18.60 -0.1
 MOZ 19.75 168 P 56 22.90 -0.7
 1.6s 1720.00nm 6.1mb
 URZ 20.07 162 P 56 27.20 0.2
 NRZ 20.40 170 P 56 29.90 -0.5
 WHH 20.49 164 P 56 32.30 0.8
 NGZ 20.56 167 P 56 33.00 0.7
 CNZ 20.57 167 P 56 33.00 0.7

17d 03h

	N	20s		4.41um				
	E	15s		2.53um				
				pP	04	15.00		33kmX
				PP	07	14.00		
				SKS	14	20.00		
				SS	19	26.00		
CD2		80.46	307	P	04	04.80		0.3
	Z	20s		7.03um				6.0MszX
	N	17s		6.45um				
				eSP	04	21.20		
				ePP	07	10.20		
				eS	14	04.80		
MGD		80.50	351	eP	04	03.00		-1.0
		1.5s		270.00nm				6.0mb
				e	07	06.00		
				ePPP	09	06.00		
				eS	14	10.00		
				ePS	14	50.00		
BTO		81.22	318	P	04	09.00		0.7
		0.8s		18.00nm				5.2mb
	N	19s		4.85um				
	E	19s		3.12um				
				pP	04	22.00		44kmX
				ePP	07	19.00		
				S	14	20.00		
HIA		81.25	330	eP	04	07.45		-0.7
				ed	04	10.35		9kmX
				ec	04	12.92		
PAF		81.53	221	iP	04	21.00		11.3X
				ePP	07	23.00		
				eS	14	35.00		
				eSS	19	33.00		
				eSSS	23	15.00		
KDC		82.92	19	eP	04	16.97		0.4
		1.2s		70.08nm				5.7mb
LZH		82.94	312	eP	04	18.00		0.5
	Z	22s		5.80um				5.9Msz
	E	17s		3.53um				
				PP	07	31.00		
				S	14	32.00		
SVW		84.80	16	eP	04	25.89		-0.3
		1.6s		411.08nm				6.4mb
		85.33	48	eP	04	32.35		3.1X
GCC		85.45	49	eP	04	30.73		0.9
PRS		85.51	47	eP	04	31.65		1.6
NTYM		85.73	11	eP	04	30.08		-0.6
ANM		85.79	44	eP	04	32.52		1.0
FHC		85.80	48	eP	04	31.87		0.2
ARN		85.84	19	P	04	29.75		-1.6
SLKM		85.84	18	eP	04	30.47		-0.9
SPU		85.85	51	eP	04	32.14		0.1
BCH		85.86	50	eP	04	32.60		0.5
PRI		85.88	49	eP	04	36.08		4.0X
LLA		85.92	50	eP	04	34.05		1.8
PHAM		86.00	329	eP	04	32.00		-0.3
CIT	Z	18s		3.83um				5.8Msz
				eS	14	58.00		
TTA		86.24	15	eP	04	34.80		1.4
TTA		86.24	15	eP	04	31.17		-2.2
		1.7s		98.47nm				5.7mb
ABL		86.34	51	eP	04	33.89		-0.7
PMS		86.62	18	eP	04	34.40		-0.8
		1.3s		81.00nm				5.8mb
PMS		86.62	18	eP	04	38.60		3.4X
		1.3s		81.00nm				5.8mb
WDC		86.64	45	(P)	04	32.06		-3.6X
PAS		86.81	52	ePd	04	35.92		-0.7
ORV		86.86	46	eP	04	36.16		-0.6
YAK		86.93	342	iPd-	04	35.20		-1.4
		1.5s						

PMR	87.02	18 eP-	04 37.61	0.6
	1.5s	100.76nm		5.8mb
Z	20s	16.56um		6.4Msz
		S	15 14.50	
MIN	87.16	46 eP	04 37.05	-1.3
SSK	87.19	52 eP	04 37.70	-1.0
ISA	87.24	51 ePd-	04 38.13	-0.7
	1.6s	121.90nm		5.9mb
Z	21s	20.60um		6.5Msz
		S	15 21.64	
ILT	87.30	4 iPd	04 38.00	-0.2
		iS	15 22.00	
GTA	87.33	313 Pd	04 38.50	-0.7
	2.5s	630.00nm		6.4mb
Z	24s	9.05um		6.1Msz
N	16s	3.70um		
		sP	05 00.00	
LBFM	87.44	45 ePd	04 39.87	0.1
PLM	87.46	53 ePd	04 39.71	-0.3
		ePP	08 08.92	
PEC	87.46	53 eP	04 39.93	0.1
	2.0s	191.46nm		6.0mb
MEMM	87.78	49 eP	04 41.84	0.6
KLU	87.94	20 eP	04 40.38	-1.2
COR	88.09	41 ePd	04 43.44	0.9
		epPc	04 47.17	12kmX
GSC	88.32	52 ePd	04 43.84	-0.2
		epPc	04 47.81	12kmX
TOA	88.32	19 eP	04 44.60	1.2
BALM	88.78	21 eP	04 44.84	-0.9
		ePP	08 20.87	
SIT	88.79	27 P	05 00.00	14.4X
Z	20s	17.18um		6.5Msz
GLA	88.89	54 eP	04 46.41	-0.3
NVL	88.91	187 eP	04 45.00	-1.2
	1.8s	177.00nm		6.0mb
Z	17s	23.00um		6.7Msz
N	17s	14.00um		
E	18s	13.50um		
		e	04 49.00	13kmX
		e	04 59.00	
		e	05 15.00	
		e	05 37.00	
		e	11 46.00	
		eSKS	15 17.00	
		e	15 28.00	
		e	16 43.00	
KVN	88.98	48 eP	04 49.49	2.2
BMW	89.07	40 eP	04 48.44	1.2
TNP	89.19	49 eP	04 48.34	0.1
	1.8s	130.11nm		5.9mb
BOD	89.40	334 eP	04 47.00	-1.5
TPNV	89.41	50 eP	04 48.89	-0.4
	0.8s	20.16nm		5.4mb
Z	21s	22.09um		6.6Msz
		epPc	04 52.94	13kmX
IMA	89.43	14 eP	04 47.59	-1.1
	1.3s	22.02nm		5.3mb
		ePP	08 26.46	
SHW	89.53	40 eP	04 49.50	-0.1
LSA	89.78	302 (P)	04 51.55	0.0
N	15s	1.71um		
GMW	89.85	39 eP	04 51.07	0.2
		ePP	08 28.31	
FBA	89.98	17 eP	04 48.27	-2.8
	0.9s	19.33nm		5.3mb
PGC	90.01	38 eP	04 51.50	0.0
LON	90.06	40 eP	04 51.66	-0.3
		ec	04 54.56	9kmX
		S	16 03.28	
VGB	90.11	41 eP	04 53.01	0.8
		ePP	08 29.00	
MCW	90.38	38 eP	04 53.41	0.1
RMW	90.40	39 eP	04 53.31	-0.2
ZAK	90.46	324 iPd	04 53.00	-0.5
	2.5s	412.00nm		6.3mb
Z	16s	2.94um		5.8Msz
N	18s	1.00um		
E	20s	5.40um		
		e	15 51.00	
SNA	90.52	183 iPd	04 52.80	-0.9
	0.8s	141.79nm		6.3mb
IRK	90.86	326 ePc	04 54.20	-1.2
	2.5s	146.00nm		5.9mb
		e	05 06.00	38kmX
		ePS	15 28.00	
		e	15 54.00	

TUC	91.75	56	ePd	05	56.00	0.5
	1.3s	71.50nm	ePP	08	00.58	5.9mb
Z	19s	9.76um	ePPc	05	04.39	6.3Msz
			ePP	08	44.30	12kmX
ARUT	91.80	51	eP	05	00.62	0.3
MOY	92.36	325	ePc	05	02.80	0.6
DPW	92.75	40	eP	05	04.76	0.5
MSU	93.00	50	eP	05	06.11	0.2
DUG	93.18	49 (P)		05	08.66	2.1
	1.3s	16.17nm				5.3mb
GUN	93.45	298	PKP	05	08.16	-0.2
PKI	93.73	298	PKP	05	08.78	-0.8
HVU	93.81	47	eP	05	10.93	1.5
CRZF	93.86	218	eP	05	22.00	12.5X
			ePP	08	55.00	
			ePPP	11	02.00	
			eSKS	15	19.00	
			eS	16	44.00	
			eSP	17	52.00	
			eSS	23	06.00	
			eSSS	26	38.00	
KKN	93.91	298	PKP	05	09.54	-0.8
	1.5s	167.00nm				6.2mb
DMN	94.00	298	PKP	05	10.38	-0.4
	1.3s	179.00nm				6.3mb
DAU	94.36	49 (P)		05	14.01	1.8
SRU	94.42	50	eP	05	14.41	2.1
			ePP	09	04.16	
EMUT	94.46	49	eP	05	12.74	0.1
GKN	94.52	298	PKP	05	11.62	-1.4
	1.3s	109.00nm				6.1mb
TIK	94.78	348	eP	05	13.00	0.0
	4.0s	600.00nm				6.4mb X
Z	20s	4.50um				5.9Msz
			e	09	00.00	
			e	15	46.00	
			eSS	22	50.00	
KOD	95.26	279	eP	05	17.00	0.2
LRM	95.54	43	eP	05	17.70	0.3
ALQ	96.05	55 (P)		05	21.00	1.1
	1.0s	9.34nm				5.2mb
Z	22s	8.90um				6.2MszX
ANMO	96.05	55	eP	05	20.25	0.3
			ePPc	05	24.23	12kmX
GBA	96.34	282	P	05	22.30	1.0
8W06	96.39	47 (P)		05	22.20	0.8
	1.0s	4.50nm				4.9mb
HYB	96.50	286	eP	05	22.00	0.0
			eS	16	00.00	
WMQ	97.41	314 (P)		05	24.90	-0.8
	1.0s	12.00nm				5.5mb
Z	24s	7.41um				6.1MszX
N	23s	6.87um				
			ed	05	28.46	11kmX
			SKS	16	04.00	
			S	16	50.00	
GOL	98.38	51 P-		05	28.52	-1.9
Z	22s	7.84um				6.2MszX
GLD	98.50	51 P		05	41.50	10.7X
	1.0s	20.00nm				
YKA	100.52	27	ePdiff	05	41.00	1.7
	1.0s	7.50nm				5.2mb
NDI	100.96	297	ePdiff	05	46.00	3.9X
POO	101.10	286	ePdiff	05	40.00	-2.9
UKR	101.50	320	ePdiff	05	44.00	0.1
	2.0s	96.00nm				6.1mb
			eS	16	23.00	
MBC	104.15	14	ePdiff	05	57.00	1.8
KSH	104.64	307	ePdiff	05	58.50	0.1
Z	24s	5.51um				6.0MszX
N	17s	3.38um				
E	17s	3.03um				
			PP	10	20.00	
			SKS	16	38.00	
			eS	17	46.00	
TUL	104.68	57	Pdiff	06	05.00	6.6X
Z	20s	17.30um				6.6Msz
			S	19	12.00	

		e	16	41.00		OBN	129.64	327	ePKP	11	04.00	2.8X	KKB	143.70	316	iPKPc	11	25.00	-2.7	
		eS	17	26.00					i	11	14.00		SRS	143.71	314	ePKPc	11	23.20	-4.5X	
MIAR	106.14	59 PKP	10	30.00	12.9X				e	13	10.00		UZD	143.79	326	ePKP	11	23.00	-4.7X	
	Z 21s	12.70um			6.4Msz				ePPP	16	00.00		VKA	143.83	329	ePKP	11	26.00	-1.7	
NNA	107.62	110 iPKP	10	36.00	15.6X	PUL	130.13	334	(PKP)	11	00.00	-2.0		5.0s	1828.00nm					
	1.2s	23.44nm							eSS	30	36.00		WIT	143.93	342	ePKP	11	28.00	0.3	
	Z 20s	4.26um			6.0MszX		Z 21s	5.30um				6.2Msz	SOH	144.00	314	ePKPc	11	23.84	-4.5X	
OLY	108.03	58 PKP	10	37.40	16.8X		N 21s	2.70um					MOX	144.09	336	iPKPc	11	25.00	-3.1X	
FVM	109.30	56 PKP	10	30.00	7.1X		E 21s	2.70um						1.5s	50.00nm					
	Z 19s	17.50um			6.6Msz				e	13	12.00			Z 20s	4.50um			6.2MszX		
SLM	109.55	55 PKP	10	30.00	6.6X				e	18	00.00		N 19s	3.10um						
	Z 19s	6.64um			6.2MszX	KAF	130.16	338	ePKP	11	03.20	1.2	KNT	144.16	315	iPKPc	11	24.72	-3.8X	
BRVK	110.66	320 ePd diff	06	19.00	-5.6X	AAE	131.36	265	ePKP	11	08.00	1.8	PAIG	144.17	313	ePKPc	11	24.40	-4.1X	
	2.3s	14.00nm				SOC	131.66	312	iPKP	11	09.00	3.5X	HOF	144.25	335	iPKPc	11	25.90	-2.5	
		eS	17	03.00		NUR	131.83	338	ePKP	11	05.70	0.5	VAY	144.30	315	iPKP	11	25.50	-3.2X	
ZOBO	113.20	118 PKP	10	26.70	-5.0X	ANN	132.99	314	ePKP	11	10.00	2.1		1.0s	137.00nm					
		LR	40	08.00			Z 24s	4.90um				6.1MszX	THE	144.35	314	ePKP	11	25.96	-2.8	
SVE	116.22	325 iPKPd	10	38.00	2.5		N 24s	4.50um					NPS	144.41	304	ePKP	11	27.00	-2.1	
	2.7s	80.00nm					E 24s	5.90um					KHC	144.46	333	PKPd	11	26.40	-2.4	
		e	11	39.50		MNK	134.78	329	iPKP	11	12.00	1.0		1.2s	780.00nm					
		e	17	19.00			Z 22s	4.90um				6.2Msz		Z 22s	6.50um			6.4Msz		
		eSS	27	34.00					e	13	44.00			N 22s	2.80um					
MAIO	117.05	302 ePKP	10	37.00	-0.9				ePS	23	52.00			E 22s	2.40um					
ARU	117.38	324 PKP	10	37.00	-0.7	SIM	135.11	315	ePKP	11	14.00	2.0				i	11	30.00		
	Z 20s	4.50um			6.1Msz		Z 28s	6.10um				6.2MszX				i	11	36.50		
	N 18s	1.50um					N 28s	3.30um								SKS	18	28.00		
	E 20s	2.50um					E 28s	2.70um												
MCWV	117.69	55 PKP	10	50.00	11.1X				e	13	56.00			GRG	144.58	315	iPKPc	11	25.72	-3.5X
	Z 19s	8.87um			6.4Msz	NB2	135.51	345	PKP	11	13.50	1.2	WTS	144.61	342	ePKP	11	29.50	0.7	
CEH	118.06	59 PKP	10	50.00	10.3X		0.8s	4.20nm							1.0s	42.00nm				
	Z 20s	14.62um			6.6Msz	HFS	135.64	343	ePKP	11	03.80	-8.7X	GEC2	144.62	332	PKP	11	25.70	-3.5X	
ASH	118.07	303 ePKP	10	32.00	-7.7X		0.6s	0.70nm							0.9s	31.33nm				
		e	11	55.00			Z 20s	2767.00um				9.0MszX	GEC2	144.62	332	e(PKP)	11	37.30	8.1X	
		e	17	39.00				LR	01	29.00					0.8s	40.50nm				
		e	22	51.00		BHL	136.61	299	PKP	11	16.00	0.7	SKO	144.72	317	iPKPd	11	27.50	-1.9	
SIV	119.14	122 ePKP	10	40.00	-2.3	BURJ	136.68	297	PKP	11	18.90	3.4X		5.0s	5000.00nm					
		i	12	03.00		MASJ	136.80	296	PKP	11	19.20	3.5X		Z 21s	4.05um			6.2MszX		
KAT	119.76	305 ePKP	10	48.00	5.2X	JVI	137.09	296	ePKP	11	12.30	-4.0X				i	11	31.50		
LVNJ	121.60	53 ePKP	10	42.73	-3.5X	DSI	137.10	296	ePKP	11	14.40	-1.8				i	11	34.50		
RSNY	121.61	49 PKP	11	00.00	13.8X	PRNJ	137.53	294	ePKP	11	15.20	-1.9				i	11	37.20		
	Z 21s	13.81um			6.6Msz	KIS	137.64	320	iPKP	11	18.00	1.3				i	11	48.30		
DAG	122.27	2 ePKP	10	45.70	-0.8				e	14	08.00					i	12	59.00		
	Z 22s	7.70um			6.3MszX				e	26	06.00					i	13	47.00		
PPD	122.75	134 ePKP	10	46.20	-2.8	PDCR	137.64	136	ePKP	11	06.50	-11.2X				iPP	17	45.50		
HRV	123.91	51 Pd diff	07	31.11	7.3X	CSS	138.34	301	ePKP	11	19.00	0.5				iPS	25	04.00		
	Z 20s	14.87um			6.6Msz	VRJ	139.49	319	ePKP	11	23.00	2.8X				ISS	29	13.00		
DHR	124.11	289 ePKPd	10	55.00	3.4X	ASW	139.55	285	iPKP-	11	16.00	-4.9X				LR	03	43.00		
KEV	124.61	345 ePKP	10	51.00	-0.2	COP	139.71	340	iPKP+	11	24.00	3.8X	WET	144.75	333	ePKP	11	27.00	-2.3	
VAO	124.93	138 (PKP)	10	39.00	-14.3X		Z 20s	4.47um				6.2MszX		Z 18s	4.00um			6.2MszX		
		e	10	56.40		MLR	140.15	319	ePKP	11	20.00	-1.5	LIT	144.92	313	ePKPc	11	26.80	-3.0X	
KER	127.11	299 ePKP	10	58.00	0.7	UZH	140.55	326	iPKPc	11	21.00	-0.9	ATH	144.93	309	ePKP	11	28.00	-1.9	
RYD	127.12	287 ePKPc	10	56.00	-1.5	UZH	140.55	326	iPKP	11	15.00	-6.9X	DBN	144.98	343	iPKP+	11	31.00	1.5	
GRO	127.45	310 ePKP	10	48.00	-9.5X		1.0s	25.00nm								e	13	00.00		
		i	11	00.00		HLW	140.73	294	ePKP+	11	17.00	-5.9X	GRF	145.00	335	ePKPd	11	28.20	-1.5	
TAB	127.56	304 iPKP+	11	02.00	3.9X	CMP	140.81	320	ePKPc	11	27.00	4.4X		Z 20s	7.00um			6.4Msz		
		i	11	07.00		OJC	140.83	329	ePKP	11	25.50	3.1X				id	11	38.90		
JFO	128.13	140 ePKP	10	55.20	-4.3X	SPC	141.27	328	ePKP	11	18.50	-5.0X	GRFO	145.01	335	ePKPc	11	26.44	-3.2X	
ARO	128.21	270 ePKPd	11	06.00	6.2X				e	11	28.70		KMR	145.01	331	iPKP-	11	29.30	-0.4	
LMN	128.24	46 ePKP	11	00.50	1.6	DIM	141.99	315	ePKP	11	22.00	-2.7				i	11	34.00		
MTA	128.34	308 ePKP	10	59.00	-0.2	KSP	142.01	332	ePKP	11	18.60	-5.9X	IYA	145.22	319	iPKPc	11	29.18	-1.2	
		i	11	09.00			1.1s	36.00nm					PLE	145.28	320	ePKP	11	28.75	-1.7	
ERE	128.77	306 iPKP+	11	03.00	2.8X	BRNL	142.01	336	ePKP	11	19.00	-5.4X	DMU	145.28	356	ePKP	11	28.60	-1.4	
		iPS	23	17.00		BRN	142.08	336	ePKP	11	20.00	-4.5X		1.0s	168.00nm					
MOS	128.83	327 ePKP	11	07.00	7.3X	ALN	142.12	313	ePKP	11	23.28	-1.7	DMU	145.28	356	ePKP	11	38.90	8.9X	
		e	11	22.00		KDZ	142.24	314	ePKP	11	20.00	-5.2X		1.0s	325.00nm					
		e	13	11.00		PSZ	142.26	326	iPKPc	11	21.30	-3.8X	KZN	145.31	314	ePKP	11	28.50	-2.1	
PYA	129.20	312 iPKP	11	04.00	3.2X	RZN	142.70	315	ePKP	11	21.00	-5.2X	PVY	145.33	319	iPKPc	11	29.64	-1.0	
		i	13	10.00		VRAC	142.97	330	ePKP	11	26.10	0.0	KKS	145.33	318	ePKP	11	29.00	-1.4	
		iPS	23	22.00			3.5s	969.50nm					FNA	145.35	315	ePKPc	11	28.48	-2.1	
		iPPS	24	48.00		BRG	142.99	334	ePKP	11	20.80	-5.4X	BCI	145.39	319	ePKP	11	29.70	-0.9	
		eSS	30	45.00			Z 20s	3.50um				6.1Msz	BNS	145.39	340	ePKPd	11	28.70	-1.5	
BAO	129.36	131 PKPc	11	03.50	1.4		N 20s	3.50um						1.5s	240.00nm					
		e	11	08.50			E 20s	2.00um						Z 18s	10.50um			6.7Msz		
		e	11	18.80					e	14	44.00		AGG	145.50	312	ePKP	11	28.20	-2.7	
		e	11	32.40					e	25	24.00		PHP	145.51	317	iPKPd	11	29.00	-1.8	
		e	11	36.70		BUD	142.99	326	e(PKP)	11	22.20	-4.1X	TNS	145.60	338	ePKPd	11	30.00	-0.7	
		e	11	40.20		CLL	143.03	335	ePKP	11	19.00	-7.2X	PTJ	145.62	327	iPKPc	11	30.00	-0.9	
		e	11	42.00			Z 20s	5.00um				6.3MszX	ZAG	145.66	327	ePKP	11	30.50	-0.4	
		e	11	44.10					i	11	27.60		NKY	145.81	320	iPKPc	11	30.97	-0.4	
		e	13	07.00		SRO	143.14	327	iPKP	11	21.40	-5.1X	BHG	145.82	332	ePKP	11	30.40	-0.7	
		e	13	18.20		VTS	143.28	317	iPKPc	11	24.00	-3.2X	DCN	145.86	357	ePKP	11	30.40	-0.5	
BDF	129.40	131 PKPd	11	04.00	1.8	PRU	143.40	333	PKPc	11	22.60	-4.3X		0.8s	237.00nm					
		e	11	08.00			Z 24s	4.30um				6.1MszX	DCN	145.86	357	ePKP	11	40.80	9.9X	
		e	11	18.20			N 26s	4.20um						1.0s	551.00nm					
		e	11	24.90			E 19s	1.00um					TTG	145.86	319	iPKPc	11	32.18	0.9	
KIV	129.																			

17d 03b

DLF	145.86	356	ePKP	11	40.80	9.9X	CME	148.84	353	ePKP	11	38.00	2.2		1.3s	138.25nm					
	1.1s	377.00nm					FG4	148.89	320	PKP	11	44.18	7.9X		RJF	152.16	342	ePKP	11	46.40	5.4X
SDA	145.92	318	ePKP	11	32.90	1.5	VAI	149.05	333	PKP	11	39.10	2.8X			1.2s	45.20nm				
KLL	145.94	341	ePKPc	11	29.80	-1.4	SFI	149.09	328	PKP	11	40.60	4.2X		LFF	152.72	343	ePKP	11	47.50	5.7X
ENN	145.95	341	ePKP	11	30.50	-0.7	PGD	149.19	328	PKP	11	40.90	4.0X			1.0s	28.80nm				
	1.4s	392.00nm					TDS	149.23	317	PKP	11	40.00	3.2X		LPO	152.82	342	ePKP	11	48.00	6.0X
VLI	145.98	308	ePKP	11	34.00	2.3	MMK	149.23	335	iPKPd	11	40.00	3.0X		EBR	156.52	339	ePKP	11	48.00	0.9
LACI	146.01	318	ePKP	11	32.60	1.0	CRE	149.25	327	PKP	11	43.30	6.4X		ETOR	157.31	343	ePKP	12	04.50	16.3X
BRY	146.03	320	iPKPc	11	31.29	-0.5	ASS	149.27	326	PKP	11	38.50	1.6		LIC	166.04	203	PKP	12	00.90	3.3X
TIR	146.06	317	ePKP	11	30.00	-1.7	AQU	149.35	324	PKP	11	41.30	4.3X				PKPab	12	58.00		
MEM	146.07	341	iPKPc	11	31.32	0.0	SGO	149.36	319	PKP	11	39.30	2.4				PP	16	45.00		
KBA	146.08	330	iPKPc	11	31.00	-0.8	DIX	149.43	335	iPKPc	11	41.30	4.0X		KIC	166.06	204	PKP	12	00.90	3.3X
	1.2s	119.00nm					FLN	149.45	347	ePKP	11	39.80	3.0X				PKPab	12	58.00		
			i	11	38.30			1.1s	123.05nm								PP	16	45.00		
			i	11	47.00		Z	22s	3.47um				6.1mszX		TIC	166.43	204	PKP	12	01.40	3.4
ULC	146.12	318	iPKPc	11	33.77	2.0	MME	149.46	329	PKP	11	31.84	-5.5X			1.2s	82.00nm				
FUR	146.18	334	iPKPd	11	31.60	-0.1	FIR	149.50	328	ePKP	11	40.00	3.0X				PKPab	13	00.00		
BDV	146.21	319	iPKPc	11	33.40	1.5	LDF	149.54	346	ePKP	11	39.80	2.8X				PP	16	47.00		
LJU	146.25	328	ePKP	11	32.00	0.1		1.2s	89.25nm						TIO	168.00	347	iPKP	12	02.00	3.2X
			e	11	41.50		ORO	149.57	334	PKP	11	40.00	2.7				i	13	12.00		
			e	11	54.00		BOB	149.62	331	PKP	11	40.90	3.6X		ANTZ	170.78	357	iPKPd	12	04.50	4.2X
VBY	146.25	327	iPKP	11	32.00	0.1	EMS	149.63	336	ePKPc	11	41.50	4.0X				i	13	19.00		
			i	12	14.20		GRI	149.64	316	PKP	11	41.65	4.2X		MBO	172.13	127	iPKPd	12	07.60	6.5X
HCY	146.32	320	iPKPc	11	33.54	1.5	LOR	149.68	341	ePKP	11	40.60	3.3X				S.D. = 1.3 on 334 of 504 obs.				
UCC	146.38	343	PKP	11	33.00	1.1		1.2s	137.45nm												
ETA	146.43	355	ePKP	11	33.90	2.0	Z	19s	3.08um				6.1msz		? OCT 17, 1992 02h 53m 49.20± 3.66s						
TPE	146.50	315	ePKP	11	33.00	0.6	MNS	149.73	325	PKP	11	36.09	-1.4			39.286 N ±22.5km 20.388 E ±24.2km					
CEY	146.51	328	ePKP	11	34.00	1.7	GRR	149.89	347	ePKP	11	40.90	3.4X			DEPTH = 10.0km (geophysicist)					
VOY	146.57	329	ePKP	11	32.80	0.3		1.2s	151.75nm						GREECE-ALBANIA BORDER REGION (392)						
IGT	146.65	314	ePKP	11	33.24	0.5	LBF	149.90	340	ePKP	11	41.00	3.4X								
SNF	146.66	343	PKP	11	36.20	3.9X		1.3s	102.55nm						IGT	0.25	350	ePgc	53	54.30	-0.2
FVI	146.70	330	PKP	11	32.90	0.4	PII	149.90	329	PKP	11	42.00	4.4X								
SRN	146.71	315	ePKP	11	33.10	0.4	SSF	149.98	341	ePKP	11	40.40	2.7		AGG	1.53	99	ePb	54	16.86	0.2
WTTA	146.72	332	iPKPc	11	31.10	-1.7		1.2s	158.30nm												
	1.2s	192.00nm					LSD	150.05	335	PKP	11	42.60	4.4X		FNA	1.68	27	ePb	54	19.02	0.3
			i	11	43.50		RSL	150.07	336	PKP	11	41.74	3.6X								
VLO	146.75	316	iPKP	11	34.40	1.6	RMP	150.10	324	PKP	11	46.00	7.9X		LIT	1.81	63	iPb	54	20.02	-0.7
ECB	146.80	356	ePKP	11	36.30	3.8X	LPL	150.17	335	ePKP	11	42.40	4.1X		GRG	2.27	42	ePn	54	27.54	0.1
WLF	146.85	340	iPKP	11	34.30	1.7		1.1s	107.95nm						KNT	2.68	45	ePn	54	34.10	0.9
			e	18	33.00		LPG	150.18	335	ePKP	11	42.50	4.1X		SOH	2.74	55	ePn	54	33.62	-0.5
			e	19	47.00			1.0s	127.60nm								S.D. = 0.7 on 7 of 7 obs.				
			e	21	44.00		PCP	150.20	332	PKP	11	41.64	3.5X								
HOFF	146.85	338	PKP	11	34.01	1.3	SMF	150.24	340	ePKP	11	41.80	3.7X								
TRI	146.87	328	ePKP	11	33.90	1.1		1.5s	248.60nm						* OCT 17, 1992 03h 35m 40.27± 2.12s						
			e	22	24.00		RSP	150.26	334	PKP	11	44.02	5.7X			19.211 S ±11.0km 169.524 E ±20.5km					
			e	25	20.00		AVF	150.27	341	ePKP	11	41.80	3.7X			DEPTH = 51.5 ± 17.2 km					
			e	31	16.00			1.3s	93.50nm						4.8mb (3 obs.)						
LANF	146.87	338	PKP	11	33.75	1.0	LPF	150.27	347	ePKP	11	41.90	3.8X								
SRBF	146.91	338	PKP	11	33.66	0.9		1.2s	199.35nm												
KEK	146.93	315	ePKP	11	34.00	0.9	SOI	150.27	315	PKP	11	42.60	4.2X		PVC	1.86	322	iP	36	12.80	2.5
DOU	146.94	342	PKPc	11	34.10	1.3	CKI	150.40	332	PKP	11	45.91	7.5X		BKM	1.96	321	iPd	36	10.00	-1.7
Z	20s	3.80um				6.2mszX	CKI	150.40	332	PKP	11	41.80	3.4X		DZM	4.05	225	iPd	36	39.90	-1.5
ECP	146.96	355	ePKP	11	35.20	2.5	BHB	150.51	334	PKP	11	42.65	4.1X								
VLS	147.09	312	ePKP	11	34.50	1.0	MAO	150.52	326	PKP	11	50.90	12.2X		CTA	21.93	264	eP	40	36.00	4.9X
HVAR	147.10	322	i (PKP)	11	40.20	6.9X	MAO	150.52	326	PKP	11	44.20	5.0X		MNG	21.94	168	eP	40	30.80	-0.2
STR	147.22	337	PKP	11	34.68	1.4	BNI	150.57	335	PKP	11	43.80	5.5X		LTZ	23.61	175	eP	40	48.70	1.3
OGA	147.29	332	ePKP	11	35.00	1.2	FIN	150.61	332	PKP	11	42.60	3.8X			0.7s	36.00nm			5.0mb	
VVI	147.32	330	PKP	11	35.20	1.6	BGF	150.63	341	ePKP	11	42.80	4.1X		BWA	24.10	227	e(P)	40	51.60	-0.7
VAL	147.35	360	ePKP	11	38.00	4.6X		1.3s	115.15nm					CAN	24.22	224	e(P)	40	55.70	2.3	
WLS	147.51	338	PKP	11	35.03	1.2	RRL	150.64	335	PKP	11	43.89	4.8X		ASPA	33.40	256	iPd	42	15.80	-0.4
CDF	147.54	338	PKP	11	34.91	0.9	ROB	150.69	333	PKP	11	42.83	3.9X			1.0s	16.30nm			4.9mb	
SLE	147.63	336	ePKPc	11	35.60	1.5	PZZ	150.85	334	PKP	11	43.66	4.4X		WARB	40.03	252	eP	43	12.70	0.6
CTI	147.63	331	PKP	11	35.20	1.0	PLDF	150.91	340	PKP	11	44.51	5.3X		MEEK	47.22	251	eP	44	10.00	-0.2
FEL	147.72	336	PKP	11	35.56	1.2	ENR	150.94	333	PKP	11	43.89	4.5X		SPA	70.91	180	iPd	46	54.00	0.1
ECH	147.75	338	PKP	11	35.28	1.1	STV	150.96	333	PKP	11	44.53	5.1X			1.1s	7.14nm			4.5mb	
OSS	147.82	333	ePKPc	11	37.00	2.4	IMI	150.98	332	PKP	11	43.47	4.1X		GEC2	144.59	332	PKP	55	11.10	-1.7
ZLA	147.90	336	ePKPc	11	36.30	1.8	AGO	150.99	340	PKP	11	45.19	5.9X			0.8s	1.14nm				
BRT	148.00	318	PKP	11	38.00	3.2X	MAF	151.02	341	ePKP	11	43.90	4.6X		SKO	144.69	317	iPKP	55	12.30	-0.7
MOF	148.07	337	PKP	11	36.39	1.6		1.1s	53.70nm					GRF	144.98	335	ePKP	55	13.70	0.4	
BCAO	148.13	246	iPKPd	11	28.50	-7.4X	TCF	151.07	342	ePKP	11	43.80	4.4X		BCAO	148.11	246	iPKPc	55	23.30	3.8X
	1.6s	598.00nm						1.2s	87.75nm												
LLS	148.15	334	ePKPc	11	37.60	2.4	SAOF	151.07	333	PKP	11	43.47	4.0X								
VITF	148.16	339	PKP	11	36.82	2.0	AUTN	151.12	333	PKP	11	43.82	4.0X								
BSF	148.20	338	ePKP	11	36.80	1.7	TOUF	151.18	333	PKP	11	43.99	4.1X								
	1.4s	176.00nm					AURF	151.25	333	PKP	11	44.32	4.5X		& OCT 17, 1992 04h 33m 16.99s						
HAU	148.21	338	ePKP	11	36.80	1.8	MNO	151.25	316	PKP	11	46.30	6.1X			60.134 N 152.984 W					
	1.1s	99.15nm					LSF	151.30	343	ePKP	11	44.00	4.3X			DEPTH = 116.1km					
Z	21s	3.72um				6.1msz		1.2s													

RSO	0.35	19	ePc	33	33.37	-0.8
RDW	0.36	14	ePc	33	33.37	-0.9
REF	0.38	21	ePc	33	33.51	-0.8
			eS	33	46.22	
NCT	0.43	4	eP	33	33.79	-0.7
			eS	33	46.89	
DFR	0.48	18	eP	33	33.58	-1.2
OPT	0.50	194	iPd	33	33.99	-0.8
			eS	33	47.68	
RDT	0.53	33	iPc	33	34.10	-0.9
PDB	0.70	241	iPc	33	35.33	-0.9
			eS	33	49.60	
AUL	0.79	197	ePd	33	36.09	-0.9
AUE	0.80	194	ePd	33	36.06	-1.0
AUP	0.81	196	ePd	33	36.33	-0.9
AUW	0.81	198	ePd	33	36.27	-0.8
AUH	0.81	197	ePd	33	36.28	-0.9
HOM	0.83	125	ePd	33	36.72	-0.6
			eS	33	51.95	
AUI	0.83	196	eP	33	36.26	-1.1
			eS	33	51.40	
BKG	1.00	20	ePd	33	38.35	-0.8
NKA	1.06	54	iPc	33	40.25	0.7
CNPM	1.07	124	iPd	33	38.74	-1.0
CKL	1.11	16	iPd	33	39.54	-0.8
BRLK	1.12	108	eP	33	39.00	-1.3
			eS	33	55.68	
CKT	1.14	19	ePd	33	39.64	-0.9
SPU	1.15	23	ePd	33	39.67	-0.9
			eS	33	57.53	
CKN	1.16	20	eP	33	40.10	-0.7
BGL	1.17	14	iPd	33	40.38	-0.5
MCNL	1.17	216	ePd	33	39.58	-1.2
			eS	33	57.29	
CRP	1.21	19	ePd	33	40.75	-0.6
			eS	33	59.30	
CDD	1.25	196	iPd	33	40.20	-1.5
			eS	33	58.98	
GGLM	1.27	22	ePd	33	41.16	-0.8
NCG	1.34	17	ePd	33	42.05	-0.7
SLKM	1.43	74	ePc	33	41.84	-1.9
			eS	34	01.44	
SYI	1.56	169	iPd	33	43.54	-1.7
			eS	34	04.54	
SVW	1.63	308	P	33	45.00	-1.1
SUA	1.73	38	iPc	33	46.52	-0.9
			eS	34	10.14	
SEW	1.77	89	eP	33	45.53	-2.3
MPA	1.84	77	ePc	33	46.78	-1.9
SKT	1.98	20	iPc	33	49.39	-1.2
			eS	34	15.52	
PMS	2.02	55	P	33	49.20	-1.8
PTE	2.09	68	ePc	33	49.52	-2.3
PWA	2.15	44	P	33	52.00	-0.6
PLRM	2.39	51	eP	33	52.96	-2.7
KDC	2.41	174	eP	33	52.92	-3.0
KNK	2.57	58	iPc	33	55.34	-2.8
			eS	34	25.66	
GHO	2.57	49	ePc	33	55.69	-2.6
KNIM	2.63	83	iPc	33	55.46	-3.4
			eS	34	26.20	
MTU	2.68	91	ePc	33	57.46	-2.1
SML	2.82	51	ePc	33	58.78	-2.7
			eS	34	31.61	
GLI	3.01	73	eP	34	00.52	-3.4
TTA	3.16	334	P	34	04.50	-1.6
HIN	3.24	83	eP	34	03.24	-3.9
SCM	3.24	56	ePc	34	04.31	-2.9
FID	3.28	76	eP	34	03.20	-4.5
VZW	3.30	71	eP	34	04.71	-3.3
VLZ	3.43	70	eP	34	06.21	-3.3
TRF	3.57	20	eP	34	09.79	-1.9
			eS	34	51.18	
CVA	3.62	80	ePc	34	09.62	-2.5
KLU	3.72	65	iPc	34	10.36	-3.3
			eS	34	53.35	
TOA	3.85	56	P	34	13.00	-2.4
SGAM	3.89	81	eP	34	12.74	-3.1
TZL	4.14	59	eP	34	16.73	-2.5
RAGM	4.15	83	eP	34	16.59	-2.8
KAIM	4.30	89	eP	34	19.10	-2.4
SDG	4.31	53	eP	34	19.07	-2.6
HMT	4.35	84	eP	34	18.86	-3.3
PAX	4.58	48	ePc	34	22.81	-2.6
GLB	4.68	70	eP	34	23.13	-3.6
WRH	4.91	26	eP	34	27.23	-2.6
CROM	4.92	78	ePc	34	27.47	-2.5

WAX	5.05	82	eP	34	28.70	-3.1
TGL	5.07	79	eP	34	29.52	-2.5
SNH	5.07	85	eP	34	29.76	-2.2
HDA	5.13	31	eP	34	30.08	-2.6
CCB	5.13	26	eP	34	29.99	-2.7
BALM	5.32	76	eP	34	32.00	-3.5
FBA	5.35	24	P	34	33.50	-2.3
YAH	5.60	83	ePc	34	37.30	-2.2
CTGM	5.81	77	ePc	34	39.97	-2.3

81 obs. associated

OCT 17, 1992 04h 34m 31.23± 0.51s
 6.816 N ± 5.9km 72.931 W ± 7.0km
 DEPTH = 169.6 ± 5.4 km
 4.4mb (3 obs.)

NORTHERN COLOMBIA (99)

BMG	0.29	331	iPc	34	54.00	-1.7
BOG	2.45	207	iPc	35	14.00	0.4
			iS	35	44.00	
SDV	3.07	48	iPnd	35	22.50	1.5
			iSn	36	00.10	
TOV	4.28	46	ePnd	35	37.40	1.0
			iSn	36	27.30	
MORO	6.09	48	eP	36	00.30	0.1
LLAV	7.06	59	eP	36	13.10	-0.1
GUAN	7.85	66	eP	36	23.10	-0.7
ZOBO	23.44	168	P	39	26.90	-0.3
LPB	23.69	168	eP	39	30.00	0.7
CNCB	23.98	168	P	39	33.00	0.8
SIV	25.52	153	P	39	46.00	0.1
GOL	43.81	323	iPc	42	22.59	0.3
	0.6s		6.07nm		4.4mb	
SRU	46.67	319	eP	42	45.05	0.2
MSU	47.43	318	ePc	42	51.17	0.3
			e	43	26.47	
DPW	56.10	325	eP	43	54.74	-0.4
YKA	63.33	340	eP	44	43.20	-0.8
	0.5s		4.00nm		4.6mb	
TIC	67.39	86	P	45	10.00	-0.8
LIC	67.41	86	P	45	10.00	-1.0
KIC	67.69	86	P	45	12.00	-0.7
MBC	73.84	350	ePd	45	49.50	1.1
	0.9s		4.00nm		4.1mb	
ASPA	149.26	234	iPKPd	54	01.50	4.0X
	0.7s		15.00nm			

S.D. = 0.9 on 20 of 21 obs.

* OCT 17, 1992 05h 12m 25.52± 1.71s
 20.393 S ± 15.5km 68.699 W ± 17.2km

DEPTH = 150.7 ± 22.1 km

CHILE-BOLIVIA BORDER REGION (124)

YJA	3.47	121	ePc	13	19.60	-0.3
CNCB	3.63	11	P	13	22.00	-0.2
CCH	3.85	39	P	13	25.00	0.2
LPB	3.88	9	iPc	13	27.00	1.6
	1.0s		100.00nm			
ZOBD	4.12	8	P	13	28.20	-0.5
ARE	4.72	325	eP	13	36.00	-0.4
			iS	14	21.10	
SIV	8.47	60	P	14	24.80	-1.6
PPD	16.30	99	(P)	16	09.00	1.8
VAO	20.36	101	eP	16	51.40	-0.7

S.D. = 1.4 on 9 of 9 obs.

& OCT 17, 1992 05h 28m 08.30s
 36.883 N 121.414 W

DEPTH = 9.0km

CENTRAL CALIFORNIA (39)

<GM-P>. MD 2.5 (GM).

ARN	0.48	349	iPc	28	17.90	0.0
			S	28	25.12	
PHAM	1.33	142	(P)	28	33.52	0.6
			S	28	54.68	
CMB	1.41	35	eP	28	32.88	-1.3
			S	28	51.59	
NTYM	1.80	327	eP	28	37.74	-1.9
MEMM	2.12	68	iPd	28	45.59	1.2
			S	29	13.44	
ORV	2.67	359	(P)	28	53.30	1.1

6 obs. associated

OCT 17, 1992 05h 47m 58.11± 0.28s
 19.239 S ± 6.3km 169.473 E ± 5.5km
 DEPTH = 33.0km (normol)

5.2mb (23 obs.) 5.0Msz (8 obs.)
 VANUATU ISLANDS (186)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 26S, 42C

Centroid Location:

Origin Time 05:48: 1.9 0.7

Lat 18.95S 0.08 Lon 169.93E 0.03

Dep 15.0 FIX Half-duration 1.6

Moment Tensor: Scale 10**17 Nm

Mrr=-0.44 0.08 Mtt= 0.09 0.15

Mff= 0.35 0.15 Mrt= 0.00 0.00

Mrf= 0.00 0.00 Mtf=-2.08 0.07

Principal Axes:

T Val= 2.30 Plg= 0 Azm=227

N -0.44 90 180

P -1.86 0 137

Best Double Couple:Mo=2.1*10**17

NP1:Strike=272 Dip=90 Slip=-180

NP2: 2 90 0

PVC	1.85	323	iPc	48	28.50	0.4
			iS	48	57.00	
BKM	1.95	323	iPc	48	27.50	-2.0
DZM	4.00	225	iPd	48	58.00	-0.7
			iS	49	45.70	
SVA	8.59	84	eP	50	01.80	-1.4
VUN	8.61	83	ePc	50	01.40	-2.1
MBU	9.08	77	eP	50	08.70	-1.3
HNR	13.42	315	eP	51	18.00	9.3X
SVO	13.71	316	eP	51	19.00	6.4X
BRS	17.34	239	iPc+	52	02.90	3.6X
	1.0s		4.00nm		3.5mb X	
			i	52	28.00	
			eS	52	30.00	
AFI	18.73	76	eP	52	19.00	2.4
			e	56	00.00	
RIV	21.85	225	eP	53	03.20	13.5X
CTA	21.88	264	eP	52	49.00	-1.1
	1.1s		15.82nm		4.4mb	
			i	53	04.00	66kmX
			eS	56	56.00	
MNG	21.92	168	eP	52	49.40	-1.0
SNZO	22.45	170	P	52	55.00	-0.6
			(S)	57	15.00	
THZ	22.64	173	eP	52	59.00	1.4
LTZ	23.59	175	P	53	07.90	1.1
	0.8s		71.00nm		5.2mb	
PMG	23.70	291	eP	53	08.00	0.0
	1.2s		218.75nm		5.6mb	
BWA	24.05	227	eP	53	11.50	0.2
			iP	53	19.10	27kmX
CAN	24.17	224	eP	53	14.40	1.9
			eP	53	21.30	25kmX
STK	28.04	238	eP	53	48.80	0.4
	0.6s		6.10nm		4.5mb	
			eS	58	26.10	
ASPA	33.34	256	iPc	54	34.30	-1.2
	0.6s		57.40nm		5.7mb	
MTN	37.34	274	eP	55	09.00	-0.5
	0.5s		44.00nm		5.6mb	
F						

KBA	146.06	330	iPKPd	07	38.50	2.9X
	1.2s	27.10nm				
LJU	146.22	328	e(PKP)	07	40.00	4.3X
VBY	146.22	327	ePKP	07	35.00	-0.7
			ipP'ab07		48.80	
CEY	146.48	328	ePKP	07	39.00	2.8X
VOY	146.55	329	e(PKP)	07	42.50	6.2X
SNF	146.65	343	PKP	07	44.20	8.0X
WLF	146.83	340	PKP	07	40.00	3.5X
DOU	146.93	342	PKP	07	41.80	5.1X
			e	07	50.40	
CDF	147.52	338	ePKP	07	39.40	1.6
	0.8s	18.65nm				
BCAD	148.06	246	iPKPd	07	42.00	2.4
	1.3s	48.00nm				
BSF	148.19	338	ePKP	07	41.00	2.1
	0.9s	13.60nm				
HAU	148.20	338	ePKP	07	41.10	2.3
	0.7s	14.10nm				
Z	21s	0.20um				4.9Msz
SFI	149.06	328	PKP	07	54.50	14.3X
LOR	149.67	340	ePKP	07	44.90	3.8X
	0.8s	11.95nm				
Z	20s	0.17um				4.9Msz
GRR	149.88	347	ePKP	07	45.30	3.9X
	1.0s	13.20nm				
SSF	149.96	341	ePKP	07	45.80	4.3X
	1.1s	27.10nm				
LPL	150.15	335	ePKP	07	47.90	5.7X
	1.1s	22.20nm				
LPG	150.16	335	ePKP	07	47.50	5.2X
	0.8s	13.70nm				
SOI	150.23	315	PKP	07	50.20	8.0X
AVF	150.25	341	ePKP	07	46.90	4.9X
	1.0s	11.20nm				
LPF	150.26	347	ePKP	07	46.30	4.4X
	0.9s	21.15nm				
BNI	150.55	335	PKP	07	50.80	8.1X
BGF	150.62	341	ePKP	07	47.20	4.7X
	0.9s	10.15nm				
TCF	151.05	342	ePKP	07	48.10	4.9X
	1.1s	12.95nm				
SBF	151.20	332	ePKP	07	48.30	4.7X
	1.0s	43.80nm				
MFF	151.41	345	ePKP	07	48.90	5.2X
	0.8s	7.80nm				
PGF	151.49	329	ePKP	07	49.30	5.2X
	0.7s	28.10nm				
S.D. = 1.3 on 69 of 107 obs.						

? OCT 17, 1992	05h	53m	55.87±	4.59s		
37.261 N ±27.4km			20.633 E ±36.1km			
DEPTH = 33.0km			(normal)			
IONIAN SEA						(399)
MD 3.7 (ATH).						
VLS	0.92	358	eP	54	14.00	1.6
			eS	54	29.00	
VLI	1.92	106	eP	54	26.00	-0.9
AGG	2.21	37	eP	54	31.92	1.0
ATH	2.55	73	eP	54	37.50	1.7
KZN	3.17	16	eP	54	44.50	-0.1
LIT	3.19	27	iP	54	44.16	-0.6
GRG	3.94	20	eP	54	54.36	-1.2
KNT	4.27	24	eP	54	58.76	-1.5
S.D. = 1.5 on 8 of 8 obs.						

& OCT 17, 1992	06h	58m	39.10s			
34.358 N			116.458 W			
DEPTH = 2.4km						
SOUTHERN CALIFORNIA						(43)
<PAS-P>. ML 2.8 (PAS).						
GSC	0.98	343	eP	58	57.53	-1.0
			eS	59	11.27	

OCT 17, 1992 07h	29m	51.38 ± 0.66s	
19.171 S ± 4.9km	168.853 E ± 7.8km		
DEPTH = 125.3 ± 6.5 km			
5.2mb (11 obs.)			
VANUATU ISLANDS			(186)
PVC	1.51 340 iPc	30 19.50	-0.2
	iS	30 41.50	
BKM	1.60 339 iPc	30 21.00	0.3
	iS	30 45.50	
DZM	3.66 218 iPd	30 47.10	-0.3
	iS	31 29.00	
SVO	13.26 317 eP	33 00.00	4.0X
BRS	16.87 238 iPc	33 44.80	3.3X
	0.9s 5.00nm		3.8mb X
WCZ	17.39 165 eP	33 48.30	0.6
MOZ	19.95 166 P	34 16.00	0.3
HBZ	20.13 158 P	34 17.40	-0.1
URZ	20.33 161 eP	34 19.50	-0.1
NGZ	20.77 165 eP	34 24.80	0.6
CNZ	20.78 165 eP	34 24.80	0.5
NOZ	20.96 160 P	34 25.10	-0.7
	0.4s 83.00nm		5.5mb
QRZ	21.81 172 P	34 36.40	2.1
DIW	21.99 170 eP	34 36.90	0.8
MNG	22.12 167 P	34 35.90	-1.5
	0.4s 116.00nm		5.6mb
KIW	22.24 168 P	34 38.20	-0.3
PGZ	22.30 165 P	34 38.20	-0.9
	0.4s 45.00nm		5.2mb
TCW	22.45 169 eP	34 41.10	0.5
CAW	22.50 168 eP	34 40.60	-0.5
MRW	22.55 168 P	34 41.30	-0.2
DSZ	22.64 174 P	34 44.50	2.0
THZ	22.78 172 P	34 44.60	0.8
	0.3s 19.00nm		5.0mb
BLW	22.84 167 P	34 43.50	-0.8
KHZ	23.51 171 P	34 50.00	-0.8
	0.3s 33.00nm		5.2mb
LTZ	23.72 174 P	34 53.00	0.1
	0.3s 28.00nm		5.2mb
MQZ	24.67 173 P	35 01.00	-0.8
BWZ	25.30 178 eP	35 06.20	-1.5
	0.3s 8.00nm		4.7mb
STK	27.58 237 eP	35 28.80	0.2
	0.7s 12.00nm		4.6mb
ASPA	32.79 256 iPd	36 14.10	-0.7
	0.4s 92.80nm		5.9mb
MTN	36.75 274 iPc	36 48.40	-0.1
WARB	39.44 252 iPc	37 11.20	0.3
MBL	45.92 259 iPd	38 03.60	0.2
	0.4s 15.00nm		5.1mb
MEEK	46.63 251 iPd	38 08.90	-0.1
NANU	49.73 256 eP	38 33.00	0.0
SPA	70.95 180 iPc	40 56.50	-0.4
	0.9s 55.45nm		5.4mb
LBFM	87.87 45 iPd	42 28.09	0.0
BONR	88.83 49 eP	42 32.51	-0.4
RMW	90.77 39 eP	42 41.08	-0.3
MSU	93.47 50 eP	42 54.23	0.0
NB2	135.28 345 PKP	48 56.70	-0.7
	1.1s 4.10nm		
GEC2	144.26 332 PKP	49 11.30	-2.8
	0.8s 3.34nm		
GRF	144.68 335 iPKPc	49 13.40	-1.2
WLF	146.57 339 PKPd	49 19.00	1.3
DOU	146.68 341 PKP	49 18.40	0.5
	0.7s 16.70nm		
CDF	147.24 337 ePKP	49 20.70	1.7
	0.8s 16.50nm		
BSF	147.90 337 ePKP	49 23.10	3.0X
	0.8s 5.90nm		
HAU	147.92 338 ePKP	49 22.40	2.4
	0.7s 11.25nm		
FLN	149.25 346 ePKP	49 25.40	3.4X
	0.7s 7.60nm		
LDF	149.32 346 ePKP	49 25.50	3.3X
	0.7s 5.75nm		
LOR	149.41 340 ePKP	49 26.20	3.8X
	0.7s 15.85nm		
LBF	149.62 339 ePKP	49 26.80	4.1X
	0.8s 4.45nm		
GRR	149.69 346 ePKP	49 26.70	4.0X
	0.6s 6.30nm		
SSF	149.70 340 ePKP	49 27.10	4.3X
	0.8s 15.05nm		
LPL	149.84 335 ePKP	49 28.00	4.7X

0.8s 11.80nm
LPG 149.85 335 ePKP 49 28.10 4.7X
0.8s 14.90nm
SMF 149.96 339 ePKP 49 27.50 4.3X
0.6s 2.45nm
AVF 149.99 340 ePKP 49 28.20 5.0X
0.6s 2.00nm
LPF 150.06 346 ePKP 49 27.70 4.5X
0.8s 25.25nm
BGF 150.36 340 ePKP 49 28.50 4.7X
0.7s 11.00nm
TCF 150.80 341 ePKP 49 29.50 5.0X
0.6s 5.50nm
LSF 151.04 342 ePKP 49 29.70 4.9X
0.6s 6.30nm
PGF 151.13 328 ePKP 49 30.50 5.3X
0.7s 34.05nm
MFF 151.19 344 ePKP 49 30.20 5.2X
0.6s 6.20nm
RJF 151.90 341 ePKP 49 31.90 5.8X
0.8s 5.10nm
LFF 152.46 342 ePKP 49 33.30 6.4X
0.8s 11.55nm
S.D. = 1.0 on 44 of 65 obs.

* OCT 17, 1992 08h 05m 30.52±1.00s
41.923 N ± 7.0km 20.369 E ± 10.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.5 (SKO), 2.3 (TIR).

KKS 0.16 12 iPg 05 34.00 -0.1
iSg 05 36.50
PHP 0.24 167 iPg 05 35.50 -0.2
iSg 05 39.50
BCI 0.50 333 ePg 05 40.70 0.1
LACI 0.57 240 ePg 05 49.50 7.4X
TIR 0.69 213 ePg 05 49.50 5.4X
SKO 0.80 86 iPg 05 45.70 -0.4
0.3s 43.00nm
iSg 05 57.20
VAY 1.76 109 ePn 06 01.80 0.6
S.D. = 0.6 on 5 of 7 obs.

OCT 17, 1992 08h 13m 51.60±0.66s
37.811 N ± 5.7km 26.702 E ± 6.2km
DEPTH = 10.0km (geophysicist)
3.5mb (1 obs.)
DODECANESE ISLANDS (369)
MD 4.0 (ATH).

Izm 0.73 37 iPg 14 04.50 -1.5
eSg 14 14.00
PRK 1.47 347 iPbd 14 17.20 -0.9
eSb 14 00.00
EZN 2.03 352 ePn 14 26.00 -0.2
ATH 2.37 275 ePn 14 30.00 -0.3
EDC 2.69 19 ePn 14 36.00 0.3
NPS 2.69 199 ePn 14 35.50 -0.2
BNT 2.71 20 iPn 14 36.00 0.0
KCT 2.75 27 iPn 14 37.20 0.6
ELL 2.77 112 ePn 14 41.40 4.5X
ALT 2.95 64 ePn 14 41.60 2.1
ALN 3.12 351 iP 14 41.09 -0.7
PAIG 3.17 313 eP 15 00.01 17.6X
VLI 3.20 251 ePn 14 42.50 -0.3
OUR 3.29 321 iP 14 44.90 0.7
AGG 3.64 291 eP 14 50.32 1.1
KDZ 3.96 346 P 14 52.00 -1.7
LIT 4.00 306 iP 14 55.88 1.6
RZN 4.16 339 P 14 56.00 -0.7
MMB 4.42 330 eP 15 00.00 -0.2
KNT 4.46 320 eP 15 02.96 2.2
GRG 4.58 315 eP 15 06.06 3.6X
VAY 4.74 319 ePn 15 18.40 13.6X
KKB 4.91 327 P 15 07.00 -0.3
PGB 5.12 338 eP 15 10.00 -0.1
VTS 5.47 332 eP 15 14.00 -1.3
MLR 7.70 356 ePd 15 47.50 1.0
GEC2 14.51 324 Pn 17 27.80 9.0X
0.6s 0.71nm 3.5mb
KIC 42.37 230 P 21 47.00 -0.7
LIC 42.65 231 P 21 49.00 -0.6
S.D. = 1.1 on 24 of 29 obs.

OCT 17, 1992 08h 24m 53.08±0.95s
31.879 S ± 14.4km 70.153 W ± 12.3km

DEPTH = 130.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.9 (SAN).

RTBS 0.63 70 iPd 25 13.50 0.3
JACH 0.88 205 iPd 25 15.48 0.1
iS 25 31.11
RTCB 1.22 72 ePd 25 18.50 -0.1
S 25 36.20
ROCH 1.31 213 iPd 25 19.62 -0.1
iS 25 37.80
PEL 1.34 199 iP+ 25 19.81 0.0
iS 25 38.43
RTCV 1.37 90 ePc 25 20.30 0.1
(S) 25 39.00
FCH 1.45 185 iPd 25 21.99 0.7
iS 25 42.54
RTLL 1.54 70 iPc 25 22.10 0.1
CFA 1.65 81 eP 25 23.70 0.4
S 25 45.00
PCH 1.76 190 iP 25 25.18 0.5
iS 25 47.95
TACH 1.89 200 iP+ 25 25.88 -0.3
iS 25 49.33
LCCH 1.99 217 iP+ 25 27.28 -0.1
iS 25 49.89
CHCH 2.09 191 iPd 25 28.56 -0.1
iS 25 54.58
LNV 2.33 207 iPd 25 30.82 -0.7
TCA 4.78 85 i(P) 26 03.30 -0.9
i 26 54.00
S.D. = 0.4 on 15 of 15 obs.

OCT 17, 1992 08h 32m 40.51±0.10s
6.845 N ± 2.1km 76.806 W ± 2.2km
DEPTH = 14.3km (geophysicist)
6.2mb (120 obs.) 6.7Msz (64 obs.)
NORTHERN COLOMBIA (99)

Ms 7.0 (BRK). Mo=1.6*10**19 Nm
(PPT). About 20 people injured
and 90 percent of the buildings
destroyed at Murindo. Felt
throughout northwestern Colombia
from Coli and Bogoto to Cesar
Department. Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=35 Dip=63 Slip=90
NP2: 215 27 90
Principal Axes:

T P1g=72 Azm=305
P 18 125
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting. The preferred fault
plane is not determined.

RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 9.5±2.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 15
Moment Tensor; Scale 10**18 Nm
Mrr= 4.50 Mtt=-5.78
Mff= 1.28 Mrt= 1.76
Mrf= 4.29 Mtf=-3.29
Principal axes:

T Val= 7.49 P1g=54 Azm=266
N 0.48 31 54
P -7.97 16 153

Best Double Couple: Mo=7.7*10**18
NP1:Strike=280 Dip=40 Slip=143
NP2: 39 67 56
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, *C M.W.: 29S, 71C

Centroid Location:
Origin Time 08:32:48.2 0.1
Lot 7.22N 0.01 Lon 76.39W 0.01
Dep 15.0 FIX Half-duration 5.1
Moment Tensor; Scale 10**18 Nm
Mrr= 7.44 0.08 Mtt=-6.31 0.06
Mff=-1.13 0.09 Mrt= 1.28 0.34
Mrf= 3.45 0.37 Mtf=-8.99 0.06
Principal Axes:
T Val= 9.03 P1g=59 Azm=247
N 4.50 30 47

P -13.53 8 142
Best Double Couple: Mo=1.1*10**19
NP1:Strike=262 Dip=45 Slip=135
NP2: 28 60 55

HOBC 2.56 165 ePd 33 19.53 -2.8
CLMC 2.95 175 iPd 33 26.55 -1.4
AZUC 3.20 168 eP 33 29.98 -1.8
ANCC 3.31 181 iPd 33 31.93 -1.0
HOOC 3.36 177 iPd 33 31.99 -1.8
BOG 3.51 129 iPd 33 40.00 4.0X
SILC 4.16 174 eP 33 45.27 0.0
PURC 4.51 174 eP 33 51.37 0.9
SDV 6.44 71 ePnd 34 15.40 -2.0
iSn 35 28.50
ACR 6.56 286 ePd 34 18.65 -0.2
LIO 6.92 297 eP 34 33.60 9.7X
BUS 7.39 292 ePd 34 31.39 0.4
TOV 7.53 67 ePc 34 29.30 -3.3X
iPP 34 32.80
LCR2 7.68 292 ePd 34 34.70 -0.1
OCR 7.72 290 eP 34 37.76 2.6X
SJS 7.80 294 ePc 34 37.24 0.8
CEOS 8.67 75 eP 34 44.10 -4.4X
MORO 9.29 64 eP 34 53.00 -4.1X
VCR 9.32 291 eP 34 56.14 -1.3
CAR 10.42 69 iPd 35 08.00 -4.7X
iS 36 10.00
LLAV 10.52 69 eP 35 09.50 -4.5X
eS 37 04.80
PCJ 10.84 358 ePd 35 16.22 -2.0
S 37 02.11
YHJ 10.98 2 ePd 35 18.63 -1.6
S 37 08.16
HOJ 11.09 0 eP 35 20.05 -1.7
S 37 06.88
GWJ 11.16 0 ePd 35 20.50 -2.3
S 37 09.08
STH 11.17 360 ePd 35 19.89 -2.9
S 37 10.08
GUAN 11.46 74 eP 35 21.60 -5.3X
CUM 13.00 73 eP 35 39.00 -8.4X
iS 38 13.50
MGP 14.59 40 P 36 01.30 -7.1X
PORP 14.91 41 P 36 05.10 -7.6X
LRS 14.96 40 P 36 07.00 -6.2X
CLLP 14.97 41 P 36 06.60 -6.8X
APR 15.15 39 P 36 10.00 -5.7X
SJJ 15.27 42 iP 36 11.80 -5.6X
CPD 15.38 43 P 36 11.00 -7.8X
TPP 15.57 76 eP 36 18.90 -2.3
LPR 15.60 42 P 36 15.70 -6.0X
GRW 15.84 69 eP 36 20.30 -4.5X
TBH 15.97 76 eP 36 22.00 -4.4X
PIG 16.34 74 eP 36 23.08 -8.0X
TPR 16.41 74 eP 36 23.93 -8.0X
BOT 16.46 74 eP 36 24.79 -7.8X
FCV 16.55 67 eP 36 30.99 -2.8
SVB 16.59 66 eP 36 31.00 -3.3X
SVV 16.64 66 eP 36 31.38 -3.5X
TPX 17.15 299 (P) 36 42.50 1.1
BIM 17.23 62 eP 36 38.90 -3.5X
FDF 17.25 62 ePc 36 35.50 -7.2X
S 40 40.00
NEV 17.26 52 eP 36 39.02 -3.8X
DSVT 17.28 60 eP 36 41.44 -1.5
DPMT 17.28 60 eP 36 40.49 -2.5
e 36 46.42
MDN 17.29 60 eP 36 38.37 -4.8X
e 36 46.34
DTMT 17.30 60 eP 36 38.22 -5.0X
MGH 17.32 54 eP 36 37.50 -6.0X
PAG 17.40 57 eP 36 38.00 -6.5X
MYM 17.40 63 eP 36 40.70 -3.8X
CRM 17.47 62 eP 36 40.60 -4.7X
BPA 17.78 54 eP 36 45.86 -3.4X
eS 40 12.00
DEG 18.05 57 eP 36 46.00 -6.7X
CPB 18.13 52 eP 36 46.83 -6.8X
e 36 54.00
SCX 18.33 304 (P) 36 59.00 2.9X
NNA 18.71 180 e(P) 36 55.00 -5.8X
1.1s 265.82nm 5.4mb
i 37 01.00
PT10 18.80 180 P 37 03.20 1.4
PT06 20.54 179 P 37 22.39 1.0
PT03 20.72 177 P 37 23.60 0.4

17d 08h

OXX	21.96	299	(P)	37	39.00	3.1X	JFWS	37.83	344	eP	39	57.23	-1.1	LRM	49.54	328	ePc	41	32.41	-0.7
IISM	23.37	303	(P)	37	53.50	3.9X		0.6s	184.08nm				6.0mb	HBMT	49.60	327	ePc	41	33.07	-0.5
ARE	23.75	167	eP	37	54.00	0.4	Z	19s	171.15um				6.9Msz	BUT	49.72	328	ePc	41	34.06	-0.3
IIT	24.16	302	(P)	38	01.50	3.9X	PPD	38.05	140	eP	39	57.50	-2.9	HRV	49.80	329	ePc	41	34.36	-0.5
ZOBO	24.53	160	ePc	37	59.26	-2.4	ITB1	38.17	146	e(P)	40	00.00	-1.3	LLA	49.93	313	iPc	41	35.26	-0.7
ACX	24.63	296	(P)	38	06.50	4.6X	EMM	38.61	11	eP	40	06.95	2.1	CMB	50.16	315	iPc	41	37.00	-0.7
LPB	24.77	160	Pc	38	03.60	-0.1	ITB7	38.66	146	e(P)	40	08.00	2.5X		Z	20s	190.00um			7.1Msz
	1.2s	1843.75nm				6.6mb	RTLL	38.79	169	ePd	40	06.60	0.1				iPcP	42	15.00	
UNM	25.04	302	(P)	38	08.00	1.9	ALQ	39.06	320	ePc+	40	08.89	-0.1				ePP	43	41.00	
HBV	26.17	353	ePc	38	17.71	1.5		1.2s	355.63nm				5.9mb				eS	48	41.00	
CCH	26.28	156	P	38	15.50	-2.2	Z	22s	46.05um				6.3Msz				eSS	52	26.00	
SGS	26.44	353	ePc	38	20.18	1.5	ANMO	39.07	320	ePc	40	10.49	1.5				eLR	56	52.00	
MRX	26.91	301	(P)	38	25.00	1.9				epPd	40	14.88	15kmX	SAO	50.36	313	iPc	41	38.79	-0.4
SIV	27.52	146	P	38	27.00	-1.8	RTCV	39.29	169	iPc	40	11.70	1.0	Z	19s	154.00um				7.0Msz
PRM	27.59	350	eP	38	30.21	1.0	EEO	39.70	358	ePc	40	18.50	4.6X	ARN	50.67	314	ePc	41	41.91	0.3
JSC	27.61	352	eP	38	29.95	0.6	TCA	39.72	164	ePc	40	13.50	-0.9	GCC	50.88	313	iPc	41	43.03	0.0
LHS	27.75	353	eP	38	30.51	-0.1				i	40	16.00		PCC	51.35	313	iPc	41	46.87	0.2
AGX	28.79	304	(P)	38	43.00	2.8X	IHA	39.95	173	eP	40	18.00	1.9	BKS	51.40	314	iPc	41	47.00	-0.1
CGX	28.86	299	(P)	38	42.50	1.4	PEL	40.19	172	iPd	40	19.60	1.5		Z	19s	168.00um			7.1Msz
CEH	28.98	356	iPd	38	43.36	1.6		1.5s	1555.56nm				6.5mb				ePP	43	49.00	
	1.7s	657.03nm				6.1mb	LMN	40.22	13	ePc	40	22.30	4.1X				eS	49	04.00	
	Z	19s	310.14um			6.9Msz	MDZ	40.23	170	eP	40	20.60	2.1				e	50	21.00	
BLA	30.41	354	eP	38	54.89	0.4	MRA	40.44	165	ePc	40	20.70	0.6				eSS	52	38.00	
	1.8s	988.14nm				6.4mb	TUC	40.51	313	ePc	40	21.48	0.6				eLR	57	08.00	
NAV	30.55	354	eP	38	56.10	0.3		1.0s	182.52nm				5.7mb	ZSP	51.45	314	iPc	41	47.76	0.4
YJA	30.89	159	ePc	38	56.00	-3.4X				epPd	40	26.03	15kmX	ORV	51.62	316	iPc	41	48.73	0.0
ANT	31.00	169	iP+	39	02.50	2.7X	CBM	40.63	9	eP	40	22.70	1.2	NTYM	51.93	314	ePc	41	50.73	-0.3
CBN	31.22	359	eP	39	06.00	4.4X	GOL	41.57	326	ePc	40	29.75	0.1	SES	51.95	333	ePc	41	49.80	-1.3
	1.0s	115.00nm				5.7mb		1.3s	647.52nm				6.2mb				1.1s	369.00nm		6.2mb
							Z	22s	87.00um				6.6Msz				pP	42	01.00	39kmX
OLY	31.54	337	eP	39	02.90	-1.6				epPd	40	34.30	15kmX	MIN	52.06	317	iPc	41	50.99	-1.2
MIAR	31.61	333	ePc	39	04.51	-0.6				esPc	40	36.71		LBFM	52.71	318	ePc	41	55.82	-1.4
	1.5s	359.55nm				6.1mb	VAO	41.61	136	eP	40	27.90	-2.1	WDC	52.80	317	ePc	41	54.66	-2.9
	Z	20s	58.56um			6.3Msz				e	40	41.00			1.2s	97.06nm				5.6mb
							PDCR	42.11	117	eP	40	31.10	-3.0		Z	22s	63.55um			6.6Msz
UYO	31.71	331	iPc	39	05.60	-0.4	RFA	42.13	170	ePc	40	34.70	0.6				epPd	41	58.88	14kmX
ELC	32.34	341	eP	39	10.27	-1.2	JFO	43.41	132	eP	40	39.50	-5.2X				ed	42	00.04	
MCWV	32.78	356	ePc	39	16.07	0.8				e	40	40.70					S	49	21.13	
	1.0s	255.68nm				6.1mb				e	40	43.20		FCC	53.47	349	eP	42	04.00	1.8
	Z	20s	123.97um			6.6Msz	GLA	43.84	312	iPd	40	49.02	0.9	NEW	53.56	327	eP	42	01.50	-1.6
							RDJ	44.19	133	eP	40	51.00	0.1		1.0s	255.00nm				6.2mb
MZX	32.80	303	(P)	39	17.00	1.4	SRU	44.20	322	iPc	40	50.81	-0.2	FOX	53.77	316	iPc	42	04.90	0.3
SLA	33.26	161	ePc	39	18.40	-1.4	EMUT	44.81	322	ePc	40	55.88	-0.2	FHC	53.88	316	iPc	42	05.00	0.0
VVO	33.27	331	iPc	39	18.90	-0.7	MSU	44.88	320	iPc	40	56.89	0.3	DPW	53.91	327	iPc	42	04.66	-1.0
FVM	33.37	340	ePc	39	19.39	-1.0	LPA	45.19	158	ePKP-	40	59.00	0.2	EKR	53.94	316	iPc	42	05.89	0.0
	1.4s	1992.68nm				6.8mb	Z	20s	120.57um				6.8Msz	VGB	54.08	323	ePc	42	06.77	-0.2
	Z	19s	114.15um			6.6Msz				ePP	42	47.00		COR	55.16	321	ePc	42	14.31	-0.5
							ARUT	45.29	318	iPc	41	00.03	0.2				epPd	42	18.70	14kmX
RLO	33.61	333	eP	39	22.10	-0.5	DAU	45.44	323	iPc	41	01.19	0.0	SHW	55.30	323	eP	42	16.60	0.6
	1.0s	304.30nm				6.2mb	PLM	45.50	311	eP	41	02.39	0.8	LON	55.34	324	ePc	42	14.42	-1.8
	Z	22s	80.51um			6.4Msz	PEC	45.96	311	eP	41	05.47	0.5	PDA	55.53	48	iPc	42	04.50	-13.1X
								1.6s	422.07nm				6.2mb	RMW	55.71	324	ePc	42	17.27	-1.6
							BW06	45.97	326	eP	41	04.30	-0.9	BMW	56.04	323	eP	42	20.05	-1.2
								1.0s	183.33nm				6.0mb	GMW	56.32	324	ePc	42	21.42	-1.8
RLO	33.61	333	ePc	39	26.00	3.4X	ULM	46.11	343	eP	41	08.00	2.1	MCW	56.93	325	ePc	42	26.22	-1.4
CCM	33.72	339	eP	39	22.76	-0.7	DUG	46.26	321	eP	41	07.36	-0.1	PGC	57.27	325	eP	42	29.00	-0.9
			epPc	39	27.07	15kmX		0.8s	116.76nm				5.9mb		1.2s	366.00nm				6.3mb
LNO	33.76	332	ePc	39	22.10	-1.6	GSC	46.35	313	iPc	41	08.75	0.6	MBO	59.17	77	iPc	42	44.10	0.5
LVNJ	33.87	3	eP	39	26.86	2.2X				epPd	41	13.31	15kmX				iS	50	53.60	
SIO	33.87	331	ePc	39	23.60	-1.2	SSK	46.50	312	eP	41	09.81	0.4	CHIE	59.32	62	iPd	42	43.30	-1.3
SLM	33.90	341	P	39	40.00	15.0X	TPNV	46.75	316	ePd	41	12.57	1.2	GGC	61.42	62	ePc	43	00.00	1.0
	Z	19s	55.88um			6.3Msz		1.0s	179.45nm				6.1mb	YKA	62.02	341	eP	43	00.10	-2.3
SLM	33.90	341	P+	39	24.11	-0.9				e	41	25.51			0.7s	99.80nm				6.1mb
	Z	19s	247.24um			6.9Msz	JAQ	46.83	1	eP	41	11.50	0.0	CFTV	62.81	62	iPd	43	07.80	-0.5
							HVU	47.18	323	eP	41	13.80	-0.9	GDH	64.17	9	iPc	43	18.00	1.6
PNJ	34.00	4	iP	39	26.20	0.4	PTI	47.62	325	ePc	41	17.73	-0.4		1.1s	126.58nm				6.0mb
FNO	34.03	329	iPc	39	25.10	-1.1	ISA	47.72	313	eP	41	18.51	-0.4				i	43	29.00	
TBR	34.23	3	eP	39	28.81	1.0		1.9s	711.29nm				6.4mb				i	51	51.00	
OCO	34.28	329	iPd	39	26.30	-2.0	Z	19s	84.70um				6.7Msz	GDH	64.17	9	ePc	43	12.50	-3.9X
PCO	34.96	331	iPd	39	33.50	-0.6	HHA1	47.89	325	eP	41	19.70	-0.5	ANTZ	66.52	62	iPd	43	31.00	-1.4
HRV	35.82	7	ePc	39	42.68	1.3	ABL	47.91	312	ePc	41	20.72	0.1	SIT	67.51	330	eP	43	38.00	0.1
	1.2s	236.18nm				6.0mb	TNP	47.98	316	iPc	41	20.72	-0.4		1.1s	89.91nm				5.9mb
	Z	19s	68.48um			6.4Msz		1.0s	147.10nm				6.0mb		Z	20s	31.90um			6.5Msz
DLA	36.11	354	P	39	44.40	0.5	LTMT	48.52	327	ePc	41	25.76	0.5	TIO	68.98	60	iP	43	49.00	1.1
TYNO	36.20	356	P	39	45.73	1.1	MEMT	48.62	328	ePc	41	30.24	4.3X				i	44	12.00	
BAO	36.24	128	Pd	39	42.30	-3.1X	BONR	48.67	316	ePc	41	27.11	0.6	AVE	69.06	57	iP	43	48.50	0.3
			e	39	46.90		BCH	48.70	312	ePc	41	26.80	0.2				i	44	36.00	
LDN	36.25	355	P	39	45.80	0.8	BGMT	48.94</												

EPLA	70.89	50 eP	43 58.46	-0.8	EDR	75.72	33 eP	44 27.90	0.7	KMY	80.09	31 eP	44 53.71	2.6X
EJIF	70.96	54 iPd	43 59.26	-0.5	PPT	75.81	250 iP	44 29.80	1.4	VITF	80.13	42 P	44 51.75	0.1
IFR	70.98	57 iP	44 02.00	1.8		1.0s	115.00nm		5.9mb	ENN	80.14	40 eP	44 51.00	-0.6
EPRU	71.20	53 eP	44 00.74	-0.5	COL	75.81	335 ePc	44 26.68	-0.9		0.8s	215.00nm		6.2mb
TIC	71.22	85 P	44 00.06	-1.7			epPd	44 31.15	14kmX	MEM	80.19	40 iPc	44 51.89	0.1
	0.9s	167.50nm		6.1mb	FBA	75.81	335 eP	44 26.06	-1.5			id	44 59.42	
		e	49 42.20			1.1s	94.43nm		5.8mb	WLF	80.27	41 iPc	44 52.69	0.4
LIC	71.25	86 P	44 00.18	-1.7	PAE	75.84	250 iP	44 29.90	1.4			id	45 00.01	
	1.0s	317.00nm		6.4mb		1.0s	120.00nm		5.9mb	HAU	80.37	43 eP	44 52.50	-0.5
		e	49 39.50		FLN	75.87	42 eP	44 27.90	-0.3		1.4s	369.45nm		6.2mb
AKU	71.25	22 iP	44 05.80	4.9X		1.1s	507.95nm		6.5mb		Z 21s	29.00um		6.6Msz
	1.8s	545.45nm		6.4mb	Z	23s	25.00um		6.5MszX	LRG	80.38	47 eP	44 52.90	-0.1
	Z 23s	89.39um		7.0MszX	EROQ	75.89	50 eP	44 29.15	0.7		1.4s	484.45nm		6.3mb
EHOR	71.27	52 eP	44 00.62	-1.0	MFF	75.89	44 eP	44 28.20	-0.2		Z 20s	30.00um		6.6Msz
KIC	71.52	86 P	44 01.70	-1.8		1.3s	860.65nm		6.7mb	KLL	80.38	40 iPc	44 53.00	0.1
	1.0s	327.00nm		6.4mb	SLKM	75.93	331 ePc	44 27.11	-1.2	LMR	80.49	47 eP	44 53.40	-0.2
		e	49 43.00		EBR	75.95	50 iP+	44 29.00	0.2		1.3s	336.45nm		6.2mb
		S	53 21.00				eS	54 14.00		FRF	80.58	47 eP	44 54.00	-0.1
ELUQ	72.02	53 eP	44 05.60	-0.6	EPF	75.97	47 eP	44 29.00	0.1		1.4s	500.15nm		6.3mb
BALM	72.33	332 eP	44 07.06	-0.5		1.1s	445.40nm		6.4mb	BNI	80.59	46 P	44 56.00	1.7
DCN	72.36	36 eP	44 07.70	0.0	AFR	76.00	250 iP	44 30.50	1.1	LPL	80.63	45 eP	44 55.10	0.4
	1.1s	1030.00nm		6.8mb		1.0s	115.00nm		5.9mb		1.0s	161.60nm		6.0mb
GUD	72.42	50 iPd	44 07.96	-0.6	LDF	76.09	42 eP	44 29.10	-0.3	WIT	80.64	38 eP	44 55.00	0.8
ECB	72.45	37 eP	44 08.40	0.1		1.2s	573.60nm		6.5mb	LPG	80.65	45 eP	44 55.40	0.6
EBAN	72.46	52 eP	44 08.58	-0.1	DAG	76.33	12 iPd	44 29.40	-0.9		1.2s	305.85nm		6.2mb
AIA	72.50	175 eP	44 09.10	0.8		0.3s	272.73nm		6.8mb	BSF	80.67	43 P	44 54.17	-0.5
EGUA	72.52	54 eP	44 07.89	-1.2		Z 20s	83.69um		7.0Msz	RRL	80.67	46 P	44 55.53	0.6
ECOG	72.55	53 eP	44 09.24	-0.2		21s	51.61um			LOMF	80.70	43 P	44 54.89	0.1
ECP	72.66	37 eP	44 09.40	-0.1	LFF	76.38	46 eP	44 30.90	-0.2	WTS	80.72	39 eP	44 55.00	0.4
DMU	72.70	36 eP	44 09.20	-0.5		1.4s	735.40nm		6.6mb		0.8s	341.00nm		6.4mb
	1.1s	870.00nm		6.7mb	KDC	76.61	328 eP	44 31.38	-0.7	STB	80.72	40 iPc	44 55.44	0.8
DLF	72.79	36 eP	44 10.70	0.4		1.0s	83.70nm		5.8mb		1.9s	435.00nm		6.1mb
	1.0s	244.00nm		6.2mb	LPO	76.68	46 eP	44 32.60	-0.2	CALN	80.76	47 P	44 56.13	0.9
ETA	72.86	37 eP	44 10.60	-0.1		1.1s	416.10nm		6.4mb	EMS	80.77	45 iPc	44 55.60	0.3
EMEL	72.90	55 eP	44 10.60	-0.7	SPU	76.93	331 eP	44 32.66	-1.3	SDN	80.82	325 eP	44 53.56	-1.5
MBC	73.14	350 eP	44 10.50	-1.4	RJF	76.95	45 eP	44 33.90	-0.5		0.9s	410.47nm		6.5mb
	1.0s	101.00nm		5.8mb		1.4s	646.50nm		6.5mb		Z 20s	3.97um		5.8Msz
RUV	73.26	252 iP	44 14.90	1.3	CRP	77.00	331 eP	44 32.76	-1.7	MOF	80.90	43 P	44 55.61	-0.2
	1.0s	90.00nm		5.8mb	LSF	77.02	44 eP	44 34.20	-0.5	PZZ	80.90	46 P	44 56.36	0.4
EHUE	73.37	53 eP	44 13.71	-0.4		1.2s	329.65nm		6.3mb	ECH	80.92	42 P	44 55.83	0.0
TPT	73.44	252 iP	44 16.10	1.4	CAF	77.32	46 eP	44 36.20	-0.2	LSD	80.93	45 P	44 56.86	0.6
	1.0s	85.00nm		5.8mb		1.3s	652.75nm		6.5mb	BNS	80.94	40 iPc	44 56.00	0.2
BST	73.45	42 P	44 14.85	0.6	TCF	77.50	44 eP	44 36.00	-1.4		1.2s	214.00nm		6.0mb
EVIA	73.50	52 iPc	44 14.96	0.1		1.2s	365.35nm		6.3mb		Z 26s	86.00um		7.0MszX
VAH	73.51	252 iP	44 16.30	1.2	MAF	77.74	44 eP	44 38.30	-0.4			iS	55 11.50	
	1.0s	70.00nm		5.7mb		1.2s	359.40nm		6.3mb	MVIF	80.95	47 P	44 57.34	1.1
ENIJ	73.61	54 eP	44 14.98	-0.5	ETER	77.78	48 eP	44 40.84	1.9	CDP	81.00	42 P	44 56.26	-0.1
PMO	73.71	252 iP	44 17.70	1.5	PERF	77.80	48 P	44 39.97	0.9	RSP	81.01	45 P	44 57.09	0.6
	1.0s	100.00nm		5.8mb	BGF	77.95	44 eP	44 39.40	-0.4	BHB	81.01	46 P	44 56.45	0.0
ECRI	73.84	48 iPd	44 17.51	0.8		1.2s	423.65nm		6.4mb	TOUF	81.01	47 P	44 57.71	1.1
KLU	74.11	332 ePc	44 17.07	-0.9	PYM	78.03	45 P	44 40.40	0.1	WLS	81.05	42 P	44 56.45	-0.1
EALH	74.30	53 eP	44 19.57	0.2	LBL	78.17	45 P	44 41.32	0.2	STV	81.07	46 P	44 58.23	1.5
TOA	74.39	333 eP	44 19.30	-0.2	AVF	78.31	44 eP	44 41.20	-0.6	AURF	81.07	47 P	44 57.71	0.9
EAB	74.61	34 eP	44 20.50	-0.3		1.2s	330.85nm		6.3mb	DIX	81.10	45 iPc	44 58.00	0.8
	1.0s	137.00nm		5.9mb	SSF	78.43	43 eP	44 41.70	-0.7	REVF	81.10	47 P	44 58.57	1.6
ECHE	74.76	51 iPc	44 22.52	0.4		1.2s	399.85nm		6.3mb	ENR	81.13	46 P	44 57.73	0.6
BOH	74.98	47 P	44 23.25	-0.1	IMA	78.46	336 eP	44 41.12	-1.3	AUTN	81.14	47 P	44 58.31	0.9
ELYF	75.00	47 P	44 22.60	-0.8		1.3s	143.63nm		5.9mb	SBF	81.15	47 eP	44 57.10	-0.1
EBH	75.08	34 eP	44 22.70	-0.8	PLDF	78.46	45 P	44 42.15	-0.6		1.3s	407.25nm		6.3mb
ESK	75.08	35 eP	44 23.27	-0.3	SVW	78.64	331 eP	44 41.22	-2.1	8BS	81.16	43 P	44 56.70	-0.4
	1.0s	280.00nm		6.3mb		1.2s	363.81nm		6.3mb	LIBD	81.22	42 P	44 57.66	0.3
		epP	44 27.74	14kmX	SMF	78.64	44 eP	44 43.10	-0.5	SAOF	81.24	47 P	44 58.57	1.0
EKA	75.11	35 P	44 23.00	-0.7		1.2s	518.90nm		6.5mb	LANF	81.34	42 P	44 58.49	0.5
	1.7s	281.70nm		6.0mb	LOR	78.67	43 eP	44 43.10	-0.7	MOL	81.36	28 eP	44 59.75	2.0
MADF	75.13	47 P	44 23.45	-0.7		1.3s	483.75nm		6.4mb	ROB	81.46	46 P	44 58.00	-0.2
ISSF	75.14	47 P	44 23.55	-0.7	LBF	78.74	44 eP	44 43.30	-0.9	IMI	81.48	47 P	44 58.46	-0.5
EDI	75.20	34 eP	44 27.40	3.2X		1.3s	269.30nm		6.1mb	MMK	81.49	45 iPc	45 00.40	1.2
ATE	75.21	47 P	44 23.92	-0.7	DOMF	78.80	40 P	44 44.20	-0.2	FEL	81.49	43 P	44 58.76	-0.2
EBL	75.25	34 eP	44 23.70	-0.8	TTA	79.03	333 eP	44 43.41	-2.1	ORO	81.51	45 P	44 59.10	0.0
	1.1s	103.00nm		5.8mb		1.3s	113.09nm		5.7mb	FIN	81.70	46 P	44 59.70	-0.3
ESCF	75.30	47 P	44 24.59	-0.5	SNF	79.09	40 iPc	44 45.73	-0.2	CKI	81.75	46 P	45 01.00	0.8
OGE	75.38	47 P	44 24.79	-0.8	UCC	79.15	40 P+	44 47.00	0.8	TNS	81.75	40 ePc	45 00.00	-0.2
EDU	75.40	33 eP	44 25.60	0.3			S	54 45.00				ePcPd	45 07.40	
LPF	75.42	42 eP	44 25.10	-0.5	OHH	79.19	290 eP	44 47.59	0.6	ZLA	81.75	43 ePc	45 00.60	0.3
	1.4s	561.10nm		6.4mb	DOU	79.27	40 P	44 46.50	-0.4	SLE	81.82	43 iPc	45 00.60	0.0
ESY	75.51	34 eP	44 25.50	-0.5		Z 20s	27.20um		6.6Msz	PCP	81.93	46 P	45 01.25	0.0
	1.0s	150.00nm		6.0mb			id	44 52.00		VAI	82.06	45 P	45 02.50	0.8
TVO	75.56	250 iP	44 28.50	1.5			S	54 45.00		MUD	82.12	34 eP	45 02.40	0.6
	1.0s	100.00nm		5.8mb	HON	79.37	290 P	45 00.00	12.0X		1.0s	370.00nm		6.4mb
GRR	75.58	42 eP	44 26.20	-0.3		Z 21s	57.11um		6.9Msz	TMA	82.12	44 iPc	45 02.60	0.3
	1.1s	6613.40nm		7.6mb X	HON	79.37	290 P	44 54.56	6.6X	LLS	82.18	44 iPc	45 03.40	0.7
PMR	75.63	332 ePc+	44 25.27	-1.3		Z 21s	57.11um		6.9Msz	KONO	82.32	31 ePc	45 03.10	0.3
	1.2s	242.56nm		6.1mb			PP	48 06.68				ed	45 08.64	
	Z 19s	55.36um		6.9Msz			S	54 59.11		PGF	82.33	48 P	45 04.17	0.7
		S	54 08.86		DBN	79.71	38 iP+	44 48.00	-1.2	VDL	82.52	44 iPc	45 05.20	0.7
PPN	75.67	250 iP	44 28.70	1.1		Z 20s	34.40um		6.7Msz	BOB	82.57	46 P	45 06.00	1.4
	1.0s	60.00nm		5.6mb			iS	54 54.00		MDI	82.72	45 P	45 05.20	0.0

WAR	89.42	38	P-	45	40.00	1.9
			S	56	10.00	
PSZ	89.45	42	iPc	45	39.80	1.3
			eS	56	01.90	
SPC	89.46	41	eP	45	39.80	1.2
NUR	89.70	29	iP	45	39.00	-0.2
Z	24s	27.40um				6.6MsZ
			eS	56	04.00	
			LR	19	00.00	
KAF	90.08	27	iP	45	41.80	0.8
SDA	90.13	48	eP	45	47.00	5.4X
LACI	90.35	48	eP	45	38.60	-4.0X
BCI	90.49	47	eP	45	44.70	1.3
TIR	90.51	48	eP	45	40.50	-2.9
ADK	90.73	322	eP	45	43.05	-1.1
	1.1s	271.88nm				6.5mb
KEK	90.73	50	eP	45	31.00	-13.5X
KKS	90.79	48	eP	45	46.50	1.8
TPE	90.80	49	eP	45	45.50	0.7
PHP	90.88	48	iPc	45	45.50	0.3
UZH	90.90	41	ePc+	45	46.00	1.0
	1.5s	75.00nm				5.8mb
Z	20s	22.00um				6.6MsZ
N	20s	21.00um				
E	20s	12.00um				
			eS	56	10.00	
			iPS	56	45.00	
			iS	57	48.00	
SNA	91.22	161	e(P)	45	46.10	0.1
	0.9s	107.56nm				6.2mb
APA	91.26	21	iPc	45	49.10	2.7X
SKO	91.57	48	iP	45	49.00	0.7
Z	18s	10.69um				6.3MsZ
			i	45	53.80	
			i	45	56.20	
			i	46	23.50	
			iPP	49	43.00	
			i	53	52.00	
			iSKS	56	18.00	
			iSKKS	56	54.00	
			i	57	59.50	
			iPS	00	13.00	
			iSS	04	42.00	
			LR	30	18.00	
VLS	91.60	51	eP	45	45.00	-3.5X
FNA	91.74	49	ePc	45	51.54	2.4X
LVV	91.76	40	iP	45	51.00	2.0
Z	22s	28.60um				6.7MsZ
N	20s	19.80um				
E	20s	20.40um				
			ePPP	49	32.00	
			i	56	26.00	
			iS	56	50.00	
GZR	91.86	44	ePd	45	49.00	-0.7
BMR	91.88	42	ePd	45	55.00	5.4X
KZN	92.12	49	eP	45	51.50	0.5
GRG	92.47	48	ePc	45	53.22	0.7
VAY	92.52	48	iP	45	53.60	0.9
	1.3s	194.00nm				6.4mb
PUL	92.63	29	eP+	45	53.00	0.3
	1.8s	400.00nm				6.5mb
			e	49	40.00	
LIT	92.70	49	eP	45	55.46	1.9
VTS	92.73	47	iPc	45	55.00	1.2
AGG	92.78	50	ePc	45	54.26	0.3
KKB	92.79	47	iPc	45	55.00	1.1
TNR	92.83	44	ePc	46	00.00	5.9X
MNK	92.89	35	eP	45	54.00	-0.1
			e	56	26.00	
			eS	57	00.00	
			ePS	58	14.00	
THE	92.95	49	eP	46	00.46	5.8X
COZ	92.96	44	eP	45	54.50	-0.3
DRA	93.04	45	ePd	46	01.00	6.0X
SDH	93.20	48	iPc	45	56.34	0.5
SRS	93.32	48	ePc	45	56.66	0.3

LAT	136.51	268	ePKP	52	06.30	1.4
NDI	136.70	34	iPKPc	51	57.50	-7.4X
LZH	137.29	359	PKPc	52	03.00	-3.0
Z	22s					7.1MsZ
N	20s					
			PP	54	50.00	

17d 08h

		PKS	55	40.00	
		SKS	59	06.00	
		SKKS	01	38.00	
		SS	12	53.00	
SSE	138.53	336 PKPc	52	04.00	-4.2X
Z	20s	26.60um			7.0Msz
N	19s	11.70um			
E	18s	12.40um			
		PP	54	57.00	
		PKS	55	38.00	
		SS	13	08.00	
NJ2	138.54	340 PKPc	52	07.00	-1.2
N	18s	26.00um			
		PP	54	58.00	
XAN	138.98	353 PKP	52	09.50	0.5
Z	20s	36.40um			7.1Msz
N	20s	39.30um			
E	19s	12.70um			
		PP	54	55.00	
		SS	13	10.00	
BOM	140.62	49 ePKP	52	05.50	-6.7X
		ePP	55	04.50	
GKN	140.99	27 PKP	52	06.36	-6.6X
KKN	141.46	26 PKP	52	06.98	-6.9X
	0.8s	113.00nm			
DMN	141.54	26 PKP	52	07.56	-6.5X
	0.8s	112.00nm			
GUN	141.61	25 PKP	52	07.52	-6.8X
	0.9s	151.00nm			
POO	141.61	48 ePKP	52	02.50	-11.6X
PKI	141.71	26 PKP	52	08.06	-6.4X
OZH	145.03	335 iPKPc	52	16.00	-3.7X
Z	19s	22.70um			7.0Msz
N	18s	20.00um			
		PP	55	36.50	
HYB	145.74	45 iPKPc	52	20.00	-1.2
	1.0s	740.00nm			
		ePP	55	45.00	
		eSKKS	02	44.00	
ASPA	146.10	237 ePKP	52	20.80	-0.9
	0.8s	238.00nm			
		eS	58	27.30	
GYA	146.73	354 iPKPc	52	23.00	0.3
Z	30s	18.40um			6.7MszX
N	26s	18.00um			
E	26s	19.40um			
		SKKS	02	40.00	
GBA	147.34	52 PKP	52	23.00	-0.7
KMI	148.22	1 ePKPc	52	24.82	-0.5
Z	20s	30.60um			7.1Msz
N	21s	33.90um			
E	21s	11.00um			
		ePKPbc	52	28.21	
		PKPob	52	32.00	
		ePP	55	55.00	
		SKKS	02	48.00	
		SS	15	05.00	
GZH	148.64	342 PKPc	52	25.00	-0.7
N	20s	12.20um			
E	20s	11.90um			
		PP	56	00.00	
HKC	149.10	340 ePKP	52	26.00	-0.4
KOD	149.27	57 ePKP	52	31.70	4.4X
		ePP	56	07.00	
CVP	149.45	323 ePKP	52	32.00	5.0X
RKG	149.61	203 ePKP	52	29.00	2.1
COOL	150.76	213 ePKP	52	28.00	-0.7
	0.6s	52.00nm			
BCP	151.17	323 ePKP	52	32.00	2.4X
MTN	151.85	256 ePKP	52	17.00	-13.7X
	0.6s	458.00nm			
KLB	151.87	207 ePKP	52	30.00	-0.3
	0.4s	33.00nm			
MUN	152.20	204 ePKP	52	30.00	-0.8
	1.0s	164.00nm			
BAL	153.18	207 ePKP	52	32.00	-0.2
MAP	153.18	309 ePKP	52	24.20	-8.4X
QIZ	153.47	346 ePKPc	52	33.75	0.8
N	30s	19.30um			
E	30s	23.50um			
		ePKPbc	52	40.20	
		PP	56	20.00	
MRWA	154.68	207 ePKP	52	35.30	1.0
MBL	158.51	227 ePKP	52	39.00	-0.4
		e	53	14.00	
NANU	160.36	216 ePKP	52	42.00	0.7
PPI	173.07	24 ePKP	52	54.00	3.1X

S.D. = 1.0 on 494 of 624 obs.

OCT 17, 1992 08h 42m 16.73±0.38s
 6.877 N ± 4.7km 76.791 W ± 8.6km
 DEPTH = 10.0km (geophysicist)
 5.0mb (29 obs.)

NORTHERN COLOMBIA (99)

HOBC	2.59	165	eP	42	58.03	-1.5
CLMC	2.98	176	eP	43	04.97	-0.2
AZUC	3.23	168	eP	43	09.02	0.1
ANCC	3.34	181	eP	43	10.37	0.2
HOOC	3.39	177	eP	43	10.42	-0.6
BOG	3.52	129	iPd	43	20.00	7.1X
SILC	4.19	174	eP	43	23.57	1.1
PURC	4.54	175	eP	43	30.21	2.6
SDV	6.42	71	ePn	43	56.00	2.1
		iSn	45	07.90		
TOV	7.50	67	eP	44	10.00	1.0
		eS	45	31.70		
CAR	10.40	69	iP	44	48.00	-1.1
BPA	17.75	54	eP	46	28.00	2.3
ELC	32.32	341	(P)	48	50.71	2.5
DUG	46.24	321	eP	50	44.84	0.6
	0.7s	2.48nm			4.3mb	
TIC	71.20	85	P	53	37.20	-1.4
	1.1s	27.00nm			5.3mb	
LIC	71.23	86	P	53	37.66	-1.1
	1.0s	25.00nm			5.3mb	
KIC	71.50	86	P	53	39.12	-1.2
	1.2s	32.00nm			5.3mb	
EKA	75.08	35	Pc	54	04.10	3.6X
	1.0s	12.10nm			4.9mb	
LPF	75.39	42	eP	54	01.80	-0.6
	1.2s	22.30nm			5.1mb	
GRR	75.55	42	eP	54	03.10	-0.2
	0.8s	8.20nm			4.8mb	
FBA	75.79	335	(P)	54	05.20	0.8
	1.0s	3.11nm			4.3mb	
FLN	75.84	42	eP	54	04.60	-0.3
	1.1s	19.80nm			5.1mb	
MFF	75.86	44	eP	54	04.90	-0.2
	1.1s	20.50nm			5.1mb	
SLKM	75.91	331	eP	54	04.16	-1.0
EPF	75.93	47	eP	54	05.80	0.1
	1.3s	34.30nm			5.3mb	
LDF	76.06	42	eP	54	05.90	-0.3
	1.2s	19.95nm			5.1mb	
LPO	76.65	46	eP	54	09.20	-0.4
	1.1s	13.65nm			5.0mb	
CAF	77.29	46	eP	54	12.90	-0.3
	0.9s	14.10nm			5.1mb	
TCF	77.46	44	eP	54	13.50	-0.6
	1.3s	19.15nm			5.0mb	
MAF	77.71	44	eP	54	15.00	-0.5
	1.1s	16.35nm			5.0mb	
BGF	77.92	44	eP	54	16.10	-0.5
	1.1s	16.10nm			5.0mb	
AVF	78.28	44	eP	54	17.90	-0.6
	1.3s	19.15nm			5.0mb	
SSF	78.39	43	eP	54	18.40	-0.8
	1.4s	25.70nm			5.1mb	
SMF	78.61	44	eP	54	19.80	-0.6
	1.0s	10.40nm			4.8mb	
LOR	78.64	43	eP	54	19.80	-0.8
	1.4s	19.15nm			5.0mb	
LBF	78.71	44	eP	54	20.20	-0.8
	1.2s	12.20nm			4.8mb	
DOU	79.24	40	P	54	27.80	4.1X
ENN	80.10	40	eP	54	29.50	1.1
	0.8s	9.00nm			4.8mb	
WLF	80.23	41	P	54	30.00	1.0
LPL	80.60	45	eP	54	31.80	0.4
	1.2s	14.00nm			4.8mb	
LPG	80.61	45	eP	54	32.00	0.4
	1.5s	23.50nm			5.0mb	
BSF	80.64	43	eP	54	30.70	-0.7
	1.0s	8.80nm			4.7mb	
WTS	80.68	39	eP	54	35.00	3.6X
	0.8s	13.00nm			5.0mb	
CDF	80.96	42	eP	54	32.70	-0.4
	1.1s	9.50nm			4.7mb	
NB2	83.07	29	P	54	48.80	5.1X
	1.2s	10.70nm			4.9mb	
YAK	108.31	347	ePKP	00	40.20	-6.4X
	1.8s	9.00nm				
Z	22s	29.30um			6.8Msz	

N	22s	22.80um			
E	20s	21.70um			
HYB	145.70	45 ePKP	01	57.00	-1.1
ASPA	146.13	237 ePKP	01	57.90	-0.8
	0.6s	19.90nm			
GBA	147.31	52 PKP	02	02.70	2.0
MTN	151.88	256 iPKPd	02	14.10	6.4X
	S.D. = 1.1	on 43 of 50 obs.			

OCT 17, 1992 08h 45m 54.68±1.11s
 25.714 N ± 7.2km 99.491 E ± 5.6km
 DEPTH = 21.6 ± 11.3 km
 4.3mb (4 obs.)
 YUNNAN, CHINA (318)

KMI		3.00	101	Pnc	46	43.00	0.9
				Pg	46	48.00	
				Sg	47	28.00	
CD2		6.40	35	Pn	47	31.00	0.9
	Z	10s		3.89um			
				eSn	48	44.90	
GYA		6.49	82	iPnc	47	31.40	-0.1
	Z	10s		2.41um			
				Sn	48	45.00	
				Sg	49	20.00	
CHG		6.89	184	ePn	47	37.90	0.9
LSA		8.39	300	PKP	48	01.10	2.7X
	Z	30s		20.30um			
	N	20s		16.50um			
BDT		8.44	183	ePn	47	59.00	0.4
				ePg	48	35.00	
				eSg	50	19.00	
NST		10.01	176	eP	48	08.00	-12.3X
				e	51	21.00	
LZH		10.99	19	eP	48	35.50	1.6
		1.5s		46.00nm			5.5mb X
XAN		11.65	42	eP	48	40.00	-2.7
OIZ		11.66	123	eP	48	40.20	-2.6
	N	10s		0.95um			
GUN		12.35	283	P	48	52.10	-0.5
PKI		12.73	281	P	48	56.60	-1.0
KKN		12.87	282	P	48	58.98	-0.3
DMN		13.00	282	P	49	00.74	-0.4
GKN		13.46	283	P	49	06.28	-0.7
WHN		13.96	66	PKP	49	13.00	-0.5
	Z	32s		35.20um			
	N	20s		6.48um			
	E	20s		20.50um			
TIY		16.24	39	Pd	49	47.00	3.9X
		1.1s		51.00nm			4.6mb
BJI		19.96	40	eP	50	28.00	-0.2
WMO		20.46	335	P	50	33.50	0.0
		1.5s		16.00nm			4.2mb
NANU		50.44	161	eP	55	02.00	9.1X
HFS		66.00	327	eP	56	41.80	0.4
		0.5s		1.00nm			4.3mb
NB2		67.04	328	P	56	47.90	-0.2
		0.6s		1.70nm			4.4mb
		S.D. = 1.2	on 18	of 22 obs.			
<hr/>							
?	OCT	17, 1992	08h	47m	15.49±1.00s		
		6.902 N ±13.3km			76.911 W ±39.6km		
		DEPTH = 10.0km			(geophysicist)		
		4.4mb (2 obs.)					
		NORTHERN COLOMBIA			(99)		
<hr/>							
HOBC		2.65	163	eP	47	57.32	-1.8
CLMC		3.02	173	eP	48	04.21	-0.2
AZUC		3.28	166	eP	48	07.83	-0.6
ANCC		3.36	179	eP	48	09.05	-0.2
HOOC		3.42	175	eP	48	09.65	-0.6
BOG		3.62	128	eP	48	18.00	4.8X
SILC		4.22	172	eP	48	22.63	0.9
PURC		4.58	173	eP	48	28.68	1.7
OLY		31.45	337 (P)		53	38.03	-1.3
ALO		38.95	320	ePd	54	44.04	0.2
		0.6s		3.06nm			4.2mb
TNP		47.87	317	eP	55	55.90	-0.1
		0.6s		3.81nm			4.7mb
GBA		147.38	51	PKP	07	01.30	1.7
		S.D. = 1.2	on 11	of 12 obs.			
<hr/>							
	OCT	17, 1992	09h	06m	27.72±0.28s		
		6.856 N ± 4.4km			76.685 W ± 5.3km		
		DEPTH = 10.0km			(geophysicist)		
		5.1mb (24 obs.)					
		NORTHERN COLOMBIA			(99)		

HOBC	2.54	168	eP	07 00.25	-9.6X	1.4s	19.60nm	5.0mb	CDD	0.70	244	iPd	28 03.48	-0.8		
CLMC	2.96	178	eP	07 14.91	-0.8	BSF	80.58	43 eP	18 43.90	1.8	eS	28 14.87				
ANCC	3.32	183	eP	07 20.32	-0.6		1.2s	14.30nm	4.9mb	INE	0.88	339	iPc	28 05.43	-1.1	
HOOC	3.37	179	eP	07 20.60	-1.1	WTS	80.63	39 eP	18 45.00	2.9X	eS	28 18.21				
SILC	4.15	175	eP	07 33.35	0.4		0.8s	17.00nm	5.1mb	INW	0.90	337	iPc	28 05.75	-1.0	
PURC	4.52	176	eP	07 40.04	1.8	GRF	83.47	41 eP	19 00.00	3.0X	eS	28 18.73				
SDV	6.33	71	ePn	08 05.00	1.5	CLL	84.51	39 eP	19 05.00	2.9X	MCNL	0.98	267	iPc	28 06.60	-1.1
TOV	7.42	66	eP	08 19.20	0.5	KHC	85.04	41 eP	19 05.50	0.6	PDB	1.05	302	iPc	28 07.56	-0.9
			eS	09 41.00			1.2s	6.00nm	4.7mb					eS	28 21.71	
MORO	9.18	64	eP	08 41.20	-2.1		e	20 07.50		RED	1.19	352	iPc	28 09.63	-0.8	
LLAV	10.40	69	eP	08 58.10	-2.1	GEC2	85.15	42 Pc	19 06.70	1.1	eS	28 25.73				
STH	11.15	359	iPd	09 08.01	-2.4		0.9s	2.60nm	4.4mb	RS1	1.23	352	iPc	28 10.46	-0.6	
			S	11 07.03		PRU	85.59	40 Pc	19 10.50	2.9X	RSO	1.23	353	iPc	28 10.45	-0.6
GUAN	11.34	73	eP	09 10.10	-3.0	BJI	131.85	347 ePKP	25 40.00	-3.2X				eS	28 27.35	
BPA	17.68	54	eP	10 36.00	0.2		1.0s	15.00nm		RS2	1.23	352	iPc	28 10.52	-0.6	
ZOBO	24.50	160	P	11 48.00	-1.2	STK	136.51	230 ePKP	26 11.10	18.7X	RDW	1.26	351	iPc	28 10.73	-0.7
LPB	24.74	160	P	11 51.00	0.5		0.6s	1.80nm		REF	1.26	354	iPc	28 10.76	-0.6	
HBF	26.17	353	eP	12 07.79	3.7X	LZH	137.28	359 ePKP	25 50.50	-3.5X				eS	28 26.78	
CCH	26.24	157	eP	12 04.00	-1.2		1.6s	25.00nm		RDN	1.28	353	iPc	28 11.20	-0.5	
SGS	26.45	353 (P)		12 09.51	2.9X	HYB	145.64	45 ePKP	26 08.00	-1.0	RDT	1.33	1	iPc	28 11.55	-0.8
JSC	27.61	352 (P)		12 19.89	2.6X		e	27 22.00						eS	28 29.08	
LHS	27.75	353	eP	12 21.24	2.7X	ASPA	146.21	237 iPKPc	26 09.90	0.1	NCT	1.34	349	iPc	28 11.83	-0.7
OLY	31.58	337	eP	12 53.07	0.3		0.7s	11.60nm		DFR	1.36	355	iPc	28 12.07	-0.6	
UYO	31.76	331	iPc	12 54.20	-0.1		S.D. = 1.2	on 62 of 76 obs.		KDC	1.50	181	eP	28 13.46	-1.0	
ELC	32.37	341	eP	12 58.76	-0.9									eS	28 35.97	
VVO	33.32	331	eP	13 09.50	1.6	? OCT 17, 1992 09h 48m 33.50±1.32s				NKA	1.62	21	ePd	28 17.23	1.2	
FVM	33.40	340	eP	13 06.82	-1.8	6.851 N ±21.6km 76.506 W ±17.8km				SLKM	1.69	40	eP	28 16.20	-0.9	
	0.7s	32.17nm		5.4mb		DEPTH = 10.0km (geophysicist)								eS	28 37.97	
LNO	33.81	331	e(P)	13 12.60	0.6	4.6mb (5 obs.)				SEW	1.74	59	eP	28 16.34	-1.4	
TUL	33.81	331	e(P)	13 12.60	0.5	NORTHERN COLOMBIA (99)				BKG	1.83	3	iPc	28 18.82	-0.3	
	0.8s	8.70nm		4.7mb										eS	28 41.94	
SIO	33.92	331	e(P)	13 11.60	-1.6	BOG	3.29	132 eP	49 34.00	7.6X	SPU	1.95	5	iPc	28 20.19	-0.5
PV10	42.90	322	eP	14 29.00	0.5	SDV	6.16	70 ePn	50 09.50	2.6	CKL	1.96	1	ePc	28 20.70	-0.2
MSU	44.94	320 (P)		14 44.53	-0.5	TOV	7.26	66 eP	50 23.50	1.3	CKT	1.97	3	ePc	28 20.72	-0.2
ARUT	45.36	318 (P)		14 48.99	0.7	MORO	9.02	63 eP	50 45.30	-1.6				eS	28 45.31	
DAU	45.50	323	eP	14 48.57	-1.0	GUAN	11.18	73 eP	51 14.30	-2.3	MPA	1.99	50	eP	28 20.24	-0.9
PLM	45.58	311 (P)		14 50.27	0.1	ZOBO	24.44	160 P	53 57.70	3.3X				eS	28 45.10	
BW06	46.03	326 (P)		14 53.00	-0.6		i	56 22.80		BGL	2.03	1	eP	28 21.84	0.1	
	1.0s	3.33nm		4.3mb		SIV	27.36	146 eP	54 21.00	0.0	CRP	2.03	4	eP	28 21.28	-0.7
DUG	46.33	321 (P)		14 55.90	0.0	GRR	75.38	42 eP	00 18.70	-0.4	CGLM	2.08	6	eP	28 22.46	-0.1
	0.7s	2.23nm		4.3mb			1.1s	26.60nm	5.2mb	NCG	2.17	3	ePc	28 23.90	0.1	
HVU	47.25	323 (P)		15 03.93	0.8	MFF	75.68	44 eP	00 20.70	-0.2				eS	28 50.83	
PTI	47.68	325 (P)		15 06.79	0.3		1.1s	11.70nm	4.9mb	PTE	2.36	45	ePc	28 25.08	-1.2	
BONR	48.74	316 eP		15 14.70	-0.3	SSF	78.22	43 eP	00 35.10	0.1	SUA	2.38	20	ePd	28 26.35	-0.4
LRM	49.60	328 eP		15 21.00	-0.4		0.9s	5.10nm	4.6mb					eS	28 56.67	
SES	51.99	333 eP		15 42.00	2.7X	LOR	78.47	43 eP	00 35.70	-0.7	SVW	2.46	321	eP	28 25.66	-2.1
NEW	53.61	327 (P)		15 52.40	1.0		0.7s	3.10nm	4.5mb	PMS	2.46	34	P	28 27.50	-0.3	
	1.2s	8.33nm		4.6mb		KHC	84.93	41 eP	01 11.00	0.8	MTU	2.54	71	eP	28 27.91	-0.9
DPW	53.97	327 (P)		15 52.44	-1.6	GEC2	85.03	42 P	01 11.20	0.4	KNIM	2.62	63	eP	28 28.06	-1.9
VGB	54.14	323 (P)		15 54.54	-0.8		0.9s	2.31nm	4.4mb	PWA	2.72	27	P	28 31.20	-0.2	
YKA	62.05	341 eP		16 48.30	-2.2		S.D. = 1.5	on 11 of 13 obs.		SKT	2.78	9	eP	28 31.73	-0.5	
	0.7s	9.20nm		5.1mb		? OCT 17, 1992 10h 25m 55.72±6.89s								eS	29 06.10	
TIC	71.10	85 P		17 48.08	-0.8	39.667 N ±51.4km 29.422 E ±17.6km				PLRM	2.87	33	eP	28 32.10	-1.3	
	1.1s	36.50nm		5.4mb		DEPTH = 10.0km (geophysicist)				PMR	2.87	33	eP	28 31.50	-1.9	
LIC	71.13	86 P		17 48.60	-0.5	TURKEY (366)				KNK	2.94	41	ePc	28 33.01	-1.4	
KIC	71.40	86 P		17 50.16	-0.6					GHO	3.07	33	ePc	28 35.07	-1.3	
	1.0s	32.00nm		5.4mb		YLV	0.90	358 iPn	26 13.70	0.7	GLI	3.14	56	eP	28 34.59	-2.6
DCN	72.28	36 eP		17 57.40	2.2		eSg	26 28.70						eS	29 08.58	
	e	21 18.00				KCT	1.00	306 ePn	26 14.70	-0.1	HIN	3.21	66	eP	28 36.51	-1.7
DMU	72.62	36 eP		17 59.10	1.9	EYL	1.06	32 ePn	26 16.00	0.2	SML	3.27	36	eP	28 37.12	-2.0
	e	21 18.00				HRT	1.17	9 ePn	26 16.70	-0.9	FID	3.35	61	eP	28 37.35	-2.8
MBC	73.15	350 eP		18 02.50	2.6X		S.D. = 1.1	on 4 of 4 obs.		VLZ	3.59	56	eP	28 41.50	-1.9	
LPF	75.34	42 eP		18 13.60	0.5	& OCT 17, 1992 11h 27m 49.11s								eS	29 20.94	
GRR	75.50	42 eP		18 14.50	0.5	59.245 N 152.430 W				CVA	3.61	66	eP	28 41.30	-2.5	
	1.5s	66.35nm		5.5mb		DEPTH = 70.0km				SCM	3.62	42	eP	28 42.81	-1.2	
FLN	75.78	42 eP		18 16.20	0.6	SOUTHERN ALASKA (2)				SGAM	3.85	68	eP	28 44.56	-2.6	
	1.2s	41.05nm		5.4mb		<AEIC>. ML 3.3 (AEIC), 3.3				KLU	3.94	52	ePc	28 46.65	-1.9	
MFF	75.80	44 eP		18 16.60	0.8	(PMR).				HUR	3.98	19	eP	28 48.77	-0.3	
	1.2s	31.55nm		5.3mb						RAGM	4.08	70	eP	28 48.81	-1.6	
EPF	75.87	47 eP		18 17.50	1.2	XLV	0.42	60 eP	28 00.50	-0.9	TTA	4.09	336	eP	28 48.57	-2.0
	1.4s	37.45nm		5.3mb			eS	28 09.15		KAIM	4.13	77	eP	28 48.78	-2.3	
LDF	76.00	42 eP		18 17.60	0.7	AUE	0.50	284 iPc	28 01.51	-0.5	TOA	4.21	44	P		

17d 11h

IMA	0.4s	5.56nm	29	29.00	-0.5	4.3mb X	KGM	1.0s	40.00nm	52	02.50	-1.0	Z	18s	0.80um	5.2Msz	
81 obs. associated	6.87	356 eP	29	29.00	-0.5		YSS	70.15	341 iPd	52	14.20	-0.2	N	18s	0.50um		
								0.9s	40.00nm	52	42.60				e	54 03.00	
									e	52	42.60				e	54 10.00	
OCT 17, 1992 11h 41m 03.30± 0.18s							NJ2	70.31	316 eP	52	12.50	-3.2X			e	54 23.00	
19.161 S ± 3.8km							SPA	70.96	180 iPd	52	19.30	-0.1	TNP	89.20	49 eP	53 57.17 -0.3	
DEPTH = 33.0km (normal)								1.0s	55.00nm	52	22.30	0.0		1.8s	33.41nm	5.4mb	
5.3mb (41 obs.) 5.1Msz (19 obs.)							IPM	71.33	282 ePc	52	22.30	0.0	BOD	89.31	334 eP	53 56.10 -1.1	
VANUATU ISLANDS (186)							WHN	72.47	312 eP	52	28.00	-0.7		1.1s	30.00nm	5.5mb	
							DL2	73.09	323 eP	52	32.00	-0.2	IMA	89.38	14 eP	53 56.60 -1.0	
PVC	1.80	322 iPd	41	31.00	-1.5			1.0s	33.00nm	52	31.50	-1.0	TPNV	89.42	50 (P)	54 00.70 2.2	
		iS	41	53.50			MDJ	73.16	331 eP	52	31.50	-1.0		(pP)	54 14.01	44kmX	
BKM	1.90	321 iPd	41	32.60	-1.3		TIA	74.04	318 eP	52	37.20	-0.6	SHW	89.52	40 eP	54 01.36 2.7	
DZM	4.06	224 iPc	42	03.70	-1.1		SNY	74.05	326 eP	52	37.40	-0.3	GMW	89.85	39 eP	54 00.42 0.4	
		iS	42	51.80			CN2	74.51	329 P	52	40.00	-0.3		eP	54 14.89	49kmX	
SVA	8.57	84 eP	43	06.00	-2.1			1.0s	31.00nm	52	49.20	0.0	FBA	89.94	17 eP	53 57.95 -2.1	
MBU	9.05	78 eP	43	17.20	2.4		Z	23s	0.82um	52	49.20	0.0		1.0s	6.13nm	4.8mb	
HNR	13.37	315 eP	44	16.00	2.7		GYA	75.97	305 P	52	49.20	0.0	ZAK	90.37	324 iPd	54 02.80 0.5	
		eS	46	25.00				1.0s	12.00nm	52	54.50	-0.1		1.6s	33.00nm	5.4mb	
SVO	13.67	315 eP	44	20.00	2.8		BJI	77.02	321 eP	52	54.50	-0.1	RMW	90.39	39 eP	54 02.75 0.1	
WCZ	17.26	167 eP	45	04.40	1.0			1.0s	33.00nm	52	59.20	-0.7		eP	54 17.44	50kmX	
BRS	17.39	239 eP	45	04.00	-1.1		Z	24s	0.77um	52	59.20	-0.7	SNA	90.58	183 e(P)	54 03.20 0.1	
	1.0s	6.00nm					TIY	77.93	317 eP	52	59.20	-0.7		1.0s	28.00nm	5.5mb	
Z	18s	47.00um					Z	20s	1.25um	52	59.20	-0.7	TUC	91.77	56 eP	54 09.79 0.5	
		eS	48	36.00			XAN	78.23	312 Pc	53	01.20	-0.3		1.1s	11.93nm	5.2mb	
MOZ	19.82	168 P	45	34.30	0.2			0.8s	19.00nm	53	01.20	-0.3	Z	20s	0.51um	5.0Msz	
URZ	20.16	162 eP	45	37.20	-0.4			pP	53	13.60	42kmX			eP	54 24.81	51kmX	
NOZ	20.76	161 eP	45	43.00	-0.9		KMI	78.43	302 Pc	53	03.00	-0.1	ARUT	91.81	51 eP	54 10.09 0.6	
QRZ	21.75	174 eP	45	55.00	1.1			1.6s	40.00nm	53	13.00	32kmX		eP	54 24.34	48kmX	
CTA	21.90	264 iPc	45	56.00	0.5		MAW	78.59	202 eP	53	04.00	1.1	MOY	92.27	325 eP	54 11.80 0.8	
	1.2s	58.59nm						pP	53	04.00	1.1	MSU	93.01	50 eP	54 14.92 -0.2		
		i	46	04.00			CHG	78.83	294 ePc	53	05.90	0.8	GUN	93.37	298 PKP	54 16.70 -0.4	
		iS	49	56.00				1.0s	40.00nm	53	05.90	0.8	PKI	93.65	298 PKP	54 18.00 -0.4	
RIV	21.91	225 eP	46	08.00	12.5X		HHC	80.31	319 P	53	13.20	0.4	KKN	93.83	298 PKP	54 19.00 -0.1	
MNG	22.00	168 eP	45	54.60	-1.7			1.1s	17.00nm	53	13.20	0.4	DMN	93.91	298 PKP	54 19.50 0.0	
KIW	22.13	169 eP	45	57.40	-0.2		N	12s	0.38um				SRU	94.43	50 eP	54 21.73 0.2	
TCW	22.36	170 eP	46	00.00	0.1		E	11s	0.40um					eP	54 36.47	50kmX	
CAW	22.39	169 eP	45	59.90	-0.3		CD2	80.37	307 P	53	13.00	-0.2	GKN	94.43	298 PKP	54 21.00 -0.8	
MTW	22.52	168 eP	46	00.30	-1.2		MGD	80.43	351 eP	53	11.00	-1.8	ALQ	96.06	55 P	54 40.00 10.8X	
RAB	22.52	309 e(P)	46	02.00	0.3		BTO	81.13	318 eP	53	17.00	-0.1	Z	21s	0.47um	4.9Msz	
DSZ	22.60	175 eP	46	03.50	1.2			eP	53	27.00	32kmX		GBA	96.26	282 P	54 30.20 0.1	
THZ	22.72	173 eP	46	04.00	0.5			eP	53	27.00	32kmX		WMQ	97.32	314 P	54 33.50 -0.9	
MOW	22.73	169 eP	46	02.50	-1.1			eS	03	28.00				1.5s	9.50nm	5.1mb	
LTZ	23.67	175 P	46	13.50	0.8		LZH	82.85	312 eP	53	27.00	0.8	Z	30s	0.65um	4.9Msz	
	0.8s	116.00nm						1.2s	38.00nm	53	36.00	28kmX		PP	58	29.60	
PMG	23.68	291 eP	46	13.50	0.5		Z	22s	0.36um	53	36.00	28kmX	GOL	98.39	51 P	54 50.00 10.4X	
	1.1s	377.22nm						pP	53	41.00			Z	20s	0.76um	5.2Msz	
BWA	24.11	227 iPc	46	16.90	-0.2			eS	03	59.00		MIAR	106.17	59 PKP	59 40.00 13.8X		
		i	46	24.60			SVW	84.76	16 eP	53	35.18	0.0	Z	20s	0.56um	5.1Msz	
		i	46	39.20				1.0s	19.03nm	53	42.04	-0.3	JFWS	110.19	50 PKP	59 40.00 6.5X	
CAN	24.23	224 eP	46	20.10	1.8		TTA	86.20	15 eP	53	42.04	-0.3	Z	22s	1.13um	5.4Msz	
EWZ	24.30	178 eP	46	19.70	0.9			1.3s	8.52nm	53	44.46	0.6	CEH	118.09	59 PKP	00 00.00 11.2X	
LAT	25.15	297 eP	46	27.80	0.6		ABL	86.35	51 eP	53	44.46	0.6	Z	20s	0.54um	5.2Msz	
STK	28.09	238 iPc	46	54.40	0.3			eP	53	59.16	51kmX	RSNY	121.62	49 PKP	00 10.00 14.7X		
	0.7s	9.10nm					WDC	86.64	45 ePc	53	45.37	0.5	Z	21s	0.50um	5.1Msz	
ASPA	33.37	256 iPc	47	39.80	-1.1			1.2s	13.73nm	53	45.37	0.5	HRV	123.92	51 PKP	00 10.00 10.2X	
	0.6s	164.60nm					Z	20s	0.91um	53	45.37	0.5	Z	20s	0.68um	5.3Msz	
		iS	53	00.70				e	54	01.44		NB2	135.43	345 PKP	00 20.60 -0.6		
MTN	37.34	274 iPd	48	14.70	0.0		YAK	86.84	342 eP	53	44.20	-1.1		0.7s	1.30nm		
	0.6s	208.00nm						1.0s	116.00nm	53	44.20	-1.1	PDCR	137.73	136 (PKP)	00 07.00 -19.9X	
WARB	40.00	252 iPc	48	37.00	0.1			e	54	01.44		UZH	140.46	326 ePKP	00 24.00 -6.8X		
PMO	40.88	91 iP	48	42.60	-1.5		ORV	86.86	46 eP	53	45.72	-0.2		0.9s	15.00nm		
	1.2s	105.00nm						e	54	00.77		KSP	141.92	332 ePKP	00 28.70 -4.7X		
VAH	41.08	91 iP	48	44.00	-1.8		CMB	86.93	48 eP	53	45.46	-0.9	BRG	142.90	334 ePKP	00 33.00 -2.1	
	1.2s	60.00nm						1.3s	10.49nm	53	45.46	-0.9		1.0s	12.00nm		
TPT	41.14	91 iP	48	45.00	-1.3			Z	20s	0.94um	53	45.46	-0.9		e	00 42.20	
	1.2s	105.00nm						eP	54	02.35	60kmX	CLL	142.94	335 ePKP	00 31.00 -4.1X		
RUV	41.32	91 iP	48	46.20	-1.6		PMR	86.98	18 P	54	00.00	14.0X		e	02 21.00		
	1.2s	100.00nm						Z	20s	1.01um	54	00.00	14.0X		ePKP	00 34.30 -1.1	
MBL	46.50	259 iPc	49	29.70	0.1		GTA	87.24	313 P	53	48.00	0.0	SRO	143.05	327 ePKP	00 32.50 -3.3X	
	0.4s	32.00nm						1.0s	28.00nm	53	48.00	0.0	PRU	143.31	333 ePKP	00 32.50 -3.3X	
MEEK	47.20	251 eP	49	34.80	-0.3		ISA	87.25	51 iPd	53	48.23	0.2		e	01 12.00		
	0.5s	69.00nm						1.1s	11.82nm	53	48.23	0.2	ZST	143.41	329 e(PKP)	00 35.60 -0.4	
KLB	47.95	244 eP	49	40.00	-0.9			Z	20s	0.99um	53	48.23	0.2	VAY	144.21	315 iPKP	00 34.80 -2.8
RKG	48.74	241 eP	49	46.80	-0.2		LBFM	87.44	45 ePc	53	49.75	0.8		1.2s	81.00nm		
BAL	48.83	246 eP	49	46.00	-1.7			eP	54	05.14	53kmX	KHC	144.37	333 PKP	00 35.80 -1.9		
MUN	49.28	244 eP	49	50.30	-0.9			ePd	53	49.42	0.1		1.1s	12.50nm			
MRWA	49.45	248 eP	49	52.00	-0.5		PLM	87.47	54 eP	53	49.42	0.1		e	00 45.80		
NANU	50.31	256 eP	49	59.20	0.1			e	54	03.23		GEC2	144.53	332 e(PKP)	00 42.80 4.7X		
	0.4s	16.00nm					GSC	88.33	52 eP	53	53.14	-0.1		1.0s	8.20nm		
HON	51.30	40 P	50	20.00	13.5X			(pP)	54	07.70	50kmX	GEC2	144.53	332 PKP	00 35.70 -2.4		
	Z	19s					BONR	88.37	49 eP	53	54.48	0.8		0.9s	11.21nm		
CGP	51.97	298 eP	50	11.00	-0.8			eP	54	08.60	48kmX	GEC2	144.53	332 PKP	00 47.50 9.4X		
PLP	53.22	301 ePd	50	18.00	-3.0X		GLA	88.90	54 eP	53	56.47	0.5		0.8s	6.34nm		
SBA	58.74	181 ePd	51	01.00	1.1			eP	54	11.52	52kmX	SKO	144.63	317 iPKP	00 36.60 -1.7		
CSY	60.30	204 P	51	12.19	1.5		NVL	88.96	187 eP	53	51.00	-4.6X		1.1s	167.00nm		
MAT	62.79	332 iPc	51	26.00	-1.9			1.8s	59.00nm	53	51.00	-4.6X		i	00 44.60		

GRF	144.92	335	ePKPc	00	37.60	-1.0	7.057 N ±11.8km	76.722 W ±15.5km	0.8s	0.71nm	4.0mb	
Z	22s		0.20um			4.8Msz	DEPTH = 10.0km (geophysicist)					
			e	00	47.40		NORTHERN COLOMBIA (99)		HYB	145.49	45 ePKP 48 05.80 13km	
DMU	145.22	356	ePKP	00	37.70	-1.2					55 04.00 -1.5	
PTJ	145.53	327	ePKP	00	39.10	-0.7	BOG	3.58 132 eP	01 20.00	0.8		
ZAG	145.57	326	ePKP	00	38.80	-1.0	BMG	3.62 90 eP	01 21.00	1.4	ASPA	146.33 237 ePKP 55 04.80 -1.9
DCN	145.79	357	ePKP	00	39.50	-0.4	SDV	6.30 73 ePn	01 57.00	-0.6		55 08.50
	0.6s	88.00nm					TOV	7.37 68 eP	02 11.20	-1.3	GBA	147.10 51 PKP 55 10.20 2.1
DLF	145.79	356	ePKP	00	39.50	-0.4			03 32.20			S.D. = 1.3 on 18 of 20 obs.
ENN	145.87	341	ePKP	00	41.50	1.4	STH	10.95 360 iPd	03 02.20	0.1		
	0.5s	5.00nm							05 02.01		* OCT 17, 1992 13h 24m 31.50s	
KBA	146.00	330	iPKPc	00	41.50	0.8	GUAN	11.33 74 eP	03 04.20	-3.0X	61.709 N	147.984 W
	1.1s	35.80nm					ZOBO	24.70 160 eP	05 44.00	-1.6	DEPTH = 30.0km	
FUR	146.10	334	ePKP	00	42.80	2.2	SIV	27.65 146 eP	06 08.00	-4.3X	SOUTHERN ALASKA (2)	
LJU	146.16	328	ePKP	00	41.50	0.7	GBA	147.14 51 PKP	20 07.00	1.2	<AEIC>. ML 3.1 (AEIC). 3.3 (PMR).	
VBV	146.16	327	ePKP	00	42.70	1.9		S.D. = 1.5 on 7 of 9 obs.				
ETA	146.36	355	ePKP	00	41.00	0.1						
CEY	146.42	328	ePKP	00	43.00	1.7	? OCT 17, 1992 12h 05m 43.04± 1.10s					
VOY	146.49	329	e(PKP)	00	41.00	-0.4	39.122 N ± 8.2km 27.630 E ±13.0km					
SNF	146.58	343	PKP	00	43.60	2.4	DEPTH = 10.0km (geophysicist)					
WLF	146.76	340	PKP	00	44.00	2.4	TURKEY (366)					
DOU	146.86	342	PKP	00	43.50	1.8						
	0.8s	16.70nm					IZM	0.78 202 iPg	05 58.20	0.0	SML	0.19 301 iPd 24 37.28 -0.5
ECP	146.89	355	ePKP	00	45.00	3.3X		iSg	06 10.40			eS 24 42.47
CDF	147.46	338	ePKP	00	44.50	1.6	EZN	1.23 305 ePn	06 06.00	0.1	PLRM	0.56 258 iPc 24 41.56 -1.3
	0.8s	10.35nm					BNT	1.25 10 ePn	06 06.00	-0.3		eS 24 49.80
CTI	147.55	331	PKP	00	45.30	2.2	KCT	1.26 26 iPn	06 06.70	0.3	PMR	0.56 258 iPc 24 42.10 -0.8
BCAO	148.10	246	iPKPd	00	46.00	1.1		S.D. = 0.4 on 4 of 4 obs.			PMS	0.89 239 P 24 47.00 -0.9
	1.2s	112.00nm									PWA	0.91 267 eP 24 47.40 -0.7
		id	00	48.00							GLI	0.94 152 ePc 24 47.17 -1.4
		ic	01	01.00								S 25 00.95
BSF	148.12	338	ePKP	00	46.20	2.2	OCT 17, 1992 12h 21m 05.59± 0.77s				TOA	0.95 64 iPd 24 48.80 0.1
	0.8s	7.80nm					39.180 N ± 6.1km 23.224 E ± 7.8km				VZW	0.95 133 eP 24 47.05 -1.7
HAU	148.13	338	ePKP	00	46.10	2.2	DEPTH = 10.0km (geophysicist)				VLZ	0.98 125 iPc 24 47.29 -1.9
	0.7s	7.30nm					AEGEAN SEA (365)					S 25 00.25
Z	23s	0.25um				4.9MszX	MD 3.2 (ATH). 2.8 (THE).				PTE	0.99 211 iPc 24 48.15 -1.1
ARV	148.74	326	PKP	00	47.70	2.7	AGG	0.71 258 ePg	21 18.70	-1.0		eS 25 00.78
VAI	148.96	333	PKP	00	48.80	3.6X	PAIG	0.83 25 eSgc	21 21.50	0.0	KLU	1.01 101 iPc 24 48.26 -1.4
SFI	149.00	328	PKP	00	49.20	3.9X		eSg	21 33.30			eS 25 01.13
FLN	149.38	347	ePKP	00	49.00	3.2X	LIT	1.08 329 ePb	21 25.30	-0.6	FID	1.21 142 iPc 24 51.28 -1.1
	1.3s	46.55nm						eSb	21 41.42			S 25 06.66
Z	22s	0.22um				4.9Msz	ATH	1.27 162 ePb	21 29.50	0.4	TZL	1.26 73 eP 24 52.99 -0.1
LDF	149.46	346	ePKP	00	49.40	3.5X		eSb	21 46.70		SUA	1.34 261 ePd 24 53.88 -0.6
	0.9s	11.30nm					OUR	1.29 27 ePb	21 28.86	-0.6		eS 25 12.39
LOR	149.60	340	ePKP	00	49.90	3.7X	THE	1.46 352 ePb	21 31.74	-0.3	KNIM	1.37 175 iPc 24 53.62 -1.1
	0.8s	13.70nm					KZN	1.59 316 ePn	21 35.00	1.1		eS 25 11.66
Z	21s	0.22um				4.9Msz	SOH	1.64 3 ePb	21 34.02	-0.6	MPA	1.39 209 iPc 24 54.61 -0.4
GRR	149.81	347	ePKP	00	50.40	4.0X	GRG	1.88 341 ePb	21 38.22	0.1		eS 25 12.33
	1.1s	31.25nm						eSb	22 02.90		SDG	1.41 53 iPd 24 55.11 -0.2
LBF	149.81	340	ePKP	00	50.40	3.8X	SRS	1.96 8 ePn	21 38.18	-1.0		eS 25 12.46
	1.1s	15.65nm					KNT	2.00 353 ePn	21 40.26	0.5	HUR	1.49 330 eP 24 55.92 -0.6
SSF	149.89	341	ePKP	00	50.80	4.2X		eSn	22 05.70			S 25 14.97
	0.9s	16.40nm					FNA	2.14 319 ePn	21 41.50	-0.4	HIN	1.50 151 iPc 24 56.28 -0.4
LPL	150.08	335	ePKP	00	51.80	4.5X	VAY	2.20 347 ePn	21 45.00	2.4		eS 25 17.03
	0.9s	15.05nm						S.D. = 1.0 on 13 of 13 obs.			CVA	1.59 136 eP 24 57.72 -0.2
LPG	150.09	335	ePKP	00	51.90	4.5X					SLKM	1.62 223 eP 24 58.02 -0.4
	0.9s	14.10nm									SKT	1.70 281 ePc 24 59.13 -0.5
SMF	150.16	340	ePKP	00	51.10	4.0X	OCT 17, 1992 12h 35m 25.51± 0.56s					eS 25 22.07
	0.7s	6.50nm					7.066 N ± 7.9km 76.679 W ± 9.0km				PAX	1.73 42 eP 24 59.81 -0.2
SOI	150.18	315	PKP	00	52.40	5.1X	DEPTH = 16.1km (4 depth phases)				MTU	1.73 174 eP 24 59.24 -0.8
AVF	150.18	341	ePKP	00	51.20	4.2X	4.1mb (3 obs.)				RND	1.75 347 eP 24 59.96 -0.4
	0.7s	2.55nm					NORTHERN COLOMBIA (99)				SEW	1.76 205 eP 24 59.75 -0.6
LPF	150.19	347	ePKP	00	51.30	4.3X					SGAM	1.81 131 eP 24 59.96 -1.2
	0.9s	26.55nm					BOG	3.56 133 iP	36 26.00	4.5X	NKA	1.85 240 eP 25 03.30 1.7
BGF	150.55	341	ePKP	00	52.20	4.6X	SDV	6.25 73 ePn	37 01.20	1.6	CGLM	1.97 260 eP 25 03.44 -0.1
	1.1s	33.95nm					TOV	7.33 68 eP	37 14.80	0.2	THY	2.00 30 eP 25 03.72 -0.2
MAF	150.94	341	ePKP	00	52.30	4.1X		eS	38 36.80		GLB	2.01 96 eP 25 03.56 -0.6
	1.0s	6.20nm					MORO	9.08 65 eP	37 38.90	-0.1	NCG	2.02 263 iPd 25 04.22 -0.1
TCF	150.98	342	ePKP	00	53.20	4.9X	STH	10.95 359 iPd	38 03.66	-0.9		S 25 29.22
	1.3s	31.05nm						S	40 00.52		SPU	2.03 257 ePd 25 03.89 -0.4
SBF	151.13	332	ePKP	00	53.90	5.2X	GUAN	11.28 74 eP	38 07.20	-2.1	TRF	2.05 330 eP 25 04.37 -0.4
	0.9s	20.80nm					ZOBO	24.70 160 eP	40 48.10	0.1	CRP	2.05 259 eP 25 05.40 0.7
LSF	151.22	342	ePKP	00	53.40	4.8X		e	48 32.00		CKN	2.07 258 eP 25 05.22 0.3
MFF	151.33	345	ePKP	00	53.90	5.1X	LPB	24.94 160 eP	40 51.00	1.0	MCK	2.08 348 eP 25 05.05 0.0
	1.3s	23.10nm					CNCB	25.23 160 eP	40 53.00	0.0	RAGM	2.09 128 eP 25 04.54 -0.6
PGF	151.43	329	ePKP	00	54.30	5.1X	HBF	25.97 353 (P)	41 02.78	3.7X	CKT	2.09 258 eP 25 04.98 -0.3
	0.9s	41.10nm						pP	41 07.86 18km		CKL	2.15 258 eP 25 05.58 -0.6
LMR	151.96	333	ePKP	00	55.20	5.4X	CCH	26.43 157 (P)	41 03.00	-0.8	BKG	2.16 255 ePd 25 05.63 -0.5
	1.4s	30.05nm					SIV	27.63 146 eP	41 15.00	0.4	BGL	2.16 260 eP 25 06.08 -0.2
RJF	152.08	342	ePKP	00	55.70	5.7X	OLY	31.39 336 (P)	41 49.62	1.7	HMT	2.28 126 eP 25 06.31 -1.5
	1.0s	11.80nm					FVM	33.21 340 eP	42 04.90	1.2	KTH	2.30 325 eP 25 08.07 0.0
Z	23s	0.20um				4.9MszX		0.6s 10.25nm		4.9mb	RDT	2.43 244 eP 25 08.98 -1.1
LFF	152.64	342	ePKP	00	57.00	6.3X	ALQ	38.98 320 ePd	42 52.47	-0.6	KAIM	2.50 134 eP 25 08.97 -2.0
	S.D. = 1.2 on 138 of 183 obs.							0.8s 2.69nm		4.0mb	CROM	2.53 110 eP 25 11.06 -0.5
							BONR	48.60 316 ePc	44 10.15	-0.6	DFR	2.54 246 eP 25 10.56 -1.1
								pP	44 15.84 19km		DJE	2.56 23 eP 25 12.03 0.3
											REF	2.60 244 eP 25 11.54 -1.0
							GEC2	84.99 42 P	48 01.70	0.2	RSO	2.63 244 eP 25 12.17 -0.9

17d 13h

RS1	2.64	244	eP	25	12.15	-0.9	LSF	2.44	302	Pg	05	47.00	5.4X	59.997 N	151.308 W	
RDW	2.65	244	eP	25	12.33	-0.9				Sg	06	17.60		DEPTH = 63.9km		
NCT	2.66	247	eP	25	12.38	-1.0	HYF	2.63	331	Pg	05	51.50	7.2X	KENAI PENINSULA, ALASKA (14)		
RED	2.66	243	eP	25	12.41	-0.9				Sg	06	24.70		<AEIC>. ML 2.9 (AEIC).		
TGL	2.67	109	eP	25	12.93	-0.5	LFF	2.68	270	Pg	05	51.50	6.6X	BRLK	0.32	137 eP 15 54.40 -0.5
CNPM	2.71	218	eP	25	13.46	-0.5				Sg	06	26.90			eS	16 01.92
HDA	2.75	9	eP	25	14.64	0.2	BSF	3.26	28	Pn	05	50.80	-2.5	HOM	0.38	207 iPc 15 55.06 -0.3
WRH	2.77	359	eP	25	14.95	0.2				Sg	06	44.50			iPc	16 02.91
WAX	2.80	115	eP	25	13.91	-1.3	HAU	3.28	22	Pg	06	04.70	11.2X	CNPM	0.47	176 iPd 15 55.50 -0.8
BALM	2.80	101	ePd	25	14.08	-1.2				Sg	06	45.40			iPd	16 04.54
NEA	2.92	351	eP	25	16.16	-0.8	EPF	3.59	238	Pn	05	57.70	-0.2	XLV	0.58	201 eP 15 57.01 -0.4
SNH	2.94	119	eP	25	16.74	-0.5				Pg	06	08.70		SLKM	0.75	46 iPd 15 58.68 -0.6
CCB	2.95	1	eP	25	17.11	-0.2				Sg	06	54.90		NKA	0.75	3 iPd 16 00.70 1.4
FBA	3.20	1	eP	25	21.10	0.2	MFF	3.64	298	Pn	05	58.50	-0.1	RDT	0.80	317 iPc 15 59.25 -0.7
CTGM	3.29	100	eP	25	21.89	-0.4				Pg	06	09.10			eS	16 11.14
GLM	3.30	4	eP	25	22.09	-0.3				Sg	06	56.20		REF	0.85	306 iPc 16 00.09 -0.7
YAH	3.32	111	eP	25	21.41	-1.4									eS	16 12.44
AUP	3.57	231	eP	25	25.97	-0.3										
SVW	3.72	264	P	25	26.70	-1.6										
SYI	3.81	217	eP	25	28.72	-0.7										
TTA	3.94	292	P	25	29.60	-1.9										
CDD	3.96	228	eP	25	30.33	-1.4										
MCNL	4.04	234	eP	25	30.82	-2.0										
IMA	5.05	333	P	25	46.00	-1.2										
78 obs. associated																
OCT 17, 1992 14h 05m 01.06 ± 0.45s																
44.984 N ± 5.1km 4.510 E ± 4.4km																
DEPTH = 10.0km (geophysicist)																
FRANCE (538)																
ML 2.8 (LDG).																
LBL	0.93	286	Pg	05	18.91	0.1	PVC	2.07	321	iP	13	08.80	2.6	RDN	0.89	306 iPc 16 00.33 -0.9
PLDF	1.17	328	Pg	05	23.27	0.4	BKM	2.17	320	iPc	13	05.70	-1.9		iS	16 13.22
			Sg	05	40.16		DZM	4.07	228	iPd	13	33.20	-1.5	RDW	0.89	304 iPc 16 00.54 -0.8
PYM	1.31	306	Pg	05	26.12	0.8	CTA	22.08	264	iPc	17	28.00	1.5		eS	16 13.32
AGO	1.44	318	Pg	05	27.25	0.0	BWA	24.12	227	eP	17	46.50	0.1	DFR	0.91	312 iPc 16 00.54 -0.9
LPL	1.66	70	Pn	05	31.00	0.5	CAN	24.23	225	eP	17	50.00	2.5	INW	0.92	275 iPc 16 00.60 -1.0
			Pg	05	32.80		ASPA	33.52	256	iPd	19	10.20	-1.2		eS	16 13.67
			Sn	05	53.20			0.9s	26.90nm			5.1mb		SEW	0.94	83 ePc 16 00.59 -1.1
			Sg	05	55.90									NCT	0.99	306 iPc 16 01.68 -0.8
LPG	1.66	71	Pn	05	31.30	0.6	MTN	37.55	274	eP	19	45.10	-0.6	OPT	1.03	251 ePc 16 02.13 -0.8
			Pg	05	33.10		WARB	40.13	252	eP	20	07.00	-0.2		eS	16 15.30
			Sg	05	55.90		MAT	63.06	332	eP	22	57.00	-1.7	MPA	1.09	62 ePd 16 03.06 -0.6
SMF	1.73	345	Pn	05	31.30	0.0		1.4s	16.28nm			5.0mb		BKG	1.18	337 ePd 16 04.63 -0.3
			Pg	05	34.60		SPA	70.76	180	ePc	23	46.80	-0.5	AUL	1.24	241 eP 16 05.12 -0.6
			Sg	05	57.30			1.0s	7.00nm			4.6mb		SPU	1.24	343 ePd 16 05.45 -0.4
CAF	1.74	269	Pn	05	31.30	-0.2	YAK	87.09	342	eP	25	17.00	1.4		eS	16 22.29
			Pg	05	33.60			1.2s	30.00nm			5.4mb		AUP	1.25	240 ePd 16 05.64 -0.2
			Sg	05	56.80		NVL	88.80	187	eP	25	25.00	1.2		eS	16 21.70
MAF	1.84	313	Pn	05	32.60	-0.4	FBA	90.06	17	eP	25	30.80	1.1	AUH	1.26	241 ePd 16 05.53 -0.4
			Pg	05	36.40		VAY	144.49	315	iPKP	32	05.00	-2.1	AUI	1.26	239 eP 16 05.36 -0.7
			Sn	05	56.10		KHC	144.64	333	ePKP	32	07.00	-0.2		eS	16 21.64
			Sg	06	00.80			1.0s	3.50nm					AUW	1.26	241 eP 16 05.73 -0.3
BGF	1.96	324	Pn	05	34.50	-0.1	GEC2	144.80	332	ePKP	32	05.90	-1.6		eS	16 22.20
			Pg	05	38.90			0.9s	3.02nm					CKT	1.29	340 eP 16 06.15 -0.3
			Sg	06	05.20		SKO	144.91	317	iPKP	32	08.30	0.5		eS	16 22.26
AVF	1.98	336	Pn	05	35.10	0.2	GRF	145.18	335	ePKPc	32	08.70	0.7	CKN	1.30	341 eP 16 06.39 -0.2
			Pg	05	39.10			Z 19s	0.10um			4.6msz		CRP	1.34	342 eP 16 07.39 0.2
			Sg	06	04.60		DMU	145.42	356	ePKP	32	07.50	-0.8		eS	16 25.42
LRG	2.03	138	Pn	05	34.20	-1.4	DCN	146.00	357	ePKP	32	08.50	-0.7	CGLM	1.36	346 eP 16 07.31 -0.1
			Sn	05	59.20		DLF	146.00	356	ePKP	32	10.50	1.3	BGL	1.38	338 eP 16 07.69 0.0
LBF	2.03	350	Pn	05	35.50	-0.3	CDF	147.71	338	ePKP	32	15.10	2.8X	PTE	1.43	51 ePd 16 07.70 -0.5
			Pg	05	40.00			0.9s	6.70nm					PDB	1.47	263 ePc 16 07.73 -1.1
			Sg	06	05.40		BCAO	148.20	246	iPKPc	32	17.50	3.5X		eS	16 26.40
TCF	2.07	310	Pn	05	36.90	0.5		1.2s	42.00nm					NCG	1.47	344 eP 16 08.90 -0.1
			Pg	05	40.70		BSF	148.38	338	ePKP	32	17.50	4.1X	SUA	1.50	10 ePd 16 09.23 -0.1
			Sg	06	07.90		LOR	149.85	341	ePKP	32	20.50	4.9X	SYI	1.50	202 ePd 16 08.36 -0.8
FRF	2.09	132	Pn	05	35.50	-1.1		0.9s	6.40nm					PMS	1.52	34 P 16 09.60 0.0
			Pg	05	39.70		GRR	150.04	347	ePKP	32	22.00	6.2X	CDD	1.60	229 ePd 16 09.87 -0.8
			Sn	06	00.30			0.8s	6.45nm						eS	16 29.92
			Sg	06	06.60		SSF	150.14	341	ePKP	32	21.30	5.3X	LTJ	1.74	87 eP 16 11.66 -0.8
RJF	2.14	280	Pn	05	36.50	-0.8		0.7s	3.75nm					MCNL	1.74	243 eP 16 11.42 -1.2
			Pg	05	41.30		LPG	150.35	335	ePKP	32	28.80	12.0X		eS	16 32.74
			Sg	06	09.10			0.9s	8.20nm					PWA	1.80	22 P 16 13.60 0.2
LMR	2.19	138	Pg	05	40.90	2.9								KNIM	1.82	77 iPc 16 11.85 -1.8
			Sn	06	03.40										eS	16 33.24
			Sg	06	09.90									MTU	1.84	89 eP 16 11.88 -2.0
SSF	2.19	342	Pn	05	38.90	0.9								PLRM	1.92	33 iPd 16 14.45 -0.6
			Pg	05	42.90									SKT	1.99	357 iPd 16 16.31 0.2
			Sg	06	11.50										eS	16 41.07
LOR	2.33	349	Pn	05	40.60	0.6									eS	16 15.46
			Pg	05	45.60										eS	16 38.56
			Sg	06	16.60									GHO	2.13	32 ePd 16 17.45 -0.6
LPO	2.38	264	Pn	05	40.50	-0.3								GLI	2.27	65 eP 16 17.78 -2.1
			Pg	05	46.10									SML	2.33	37 eP 16 19.96 -0.8
			Sg	06	16.20									SVW	2.40	299 P 16 20.50 -1.4
														HIN	2.43	78 eP 16 19.88 -2.4
														FID	2.51	70 ePc 16 20.66 -2.7
															eS	16 48.88
														SCM	2.68	45 eP 16 25.34 -0.4
														VLZ	2.71	63 eP 16 24.41 -1.6
															eS	16 55.64
														CVA	2.82	76 eP 16 25.13 -2.5
														KLU	3.04	58 ePd 16 29.45 -1.4

SCAM 3.08 78 eP 16 28.52 -2.8
 HUR 3.10 14 eP 16 32.55 1.0
 TOA 3.27 48 P 16 33.50 -0.6
 KAIM 3.47 88 eP 16 35.37 -1.4
 TRF 3.50 8 eP 16 37.29 -0.1
 TZL 3.52 52 eP 16 36.89 -0.6
 HMT 3.54 81 eP 16 36.35 -1.4
 KTH 3.57 3 eP 16 38.35 0.0
 RND 3.62 18 eP 16 38.38 -0.5
 SDG 3.77 45 eP 16 40.03 -0.9
 GLB 3.96 65 eP 16 41.49 -2.2
 PAX 4.09 41 eP 16 44.79 -0.8
 CROM 4.13 76 eP 16 44.22 -2.0
 WAX 4.24 80 eP 16 44.61 -3.1
 SNH 4.25 84 eP 16 46.60 -1.2
 TGL 4.28 76 eP 16 47.12 -1.1
 BALM 4.55 73 eP 16 50.19 -1.9
 NEA 4.71 12 eP 16 52.95 -1.3
 WRH 4.74 17 eP 16 53.44 -1.1
 YAH 4.79 81 eP 16 54.14 -1.4
 HDA 4.87 23 eP 16 55.80 -0.7
 CCB 4.94 18 eP 16 56.20 -1.3
 CTGM 5.03 75 eP 16 57.79 -1.1
 MLY 5.06 3 eP 16 57.95 -1.2
 FBA 5.18 17 P 16 59.50 -1.4
 GLM 5.33 18 eP 17 01.55 -1.4

83 obs. associated

OCT 17, 1992 14h 37m 37.80 ± 0.39s
 34.259 N ± 7.8km 139.174 E ± 4.5km
 DEPTH = 31.3km (2 depth phases)
 4.9mb (36 obs.) 4.9MsZ (3 obs.)
 NEAR S. COAST OF HONSHU, JAPAN (230)

MAT 2.41 341 iPc 38 16.60 0.7
 SHK 5.38 275 eP 38 50.40 -0.5
 MDJ 12.71 327 eP 40 42.00 3.0
 Z 1.5s 70.00nm 5.5mb
 N 13s 1.19um 4.1MsZ
 E 13s 2.01um
 YSS 13.02 11 iPc 40 38.40 -4.7X
 Z 1.1s 20.00nm 5.1mb
 N 14s 2.70um 3.9MsZ
 E 14s 3.10um
 CN2 14.29 316 eP 41 05.30 5.5X
 Z 1.2s 10.00nm 4.3mb
 N 14s 1.71um 4.1MsZ
 E 12s 1.47um
 SNY 14.41 306 Pd 41 07.00 5.5X
 Z 1.6s 82.00nm 5.0mb
 N 11s 1.98um 5.1MsZ
 E 11s 1.74um
 DL2 14.84 293 eP 41 14.00 7.0X
 Z 1.4s 86.00nm 4.9mb
 N 12s 2.53um 4.0MsZ
 E 12s 2.02um
 NJ2 17.16 268 Pd 41 38.00 1.3
 N 11s 1.86um
 E 10s 1.37um
 TIA 18.12 282 eP 41 51.40 2.8
 Z 12s 4.29um
 N 12s 1.99um
 E 12s 3.30um
 BJI 19.20 294 eP 42 01.00 -0.7
 Z 12s 1.81um
 E 11s 1.42um
 WHN 21.27 267 Pd 42 25.20 1.5
 Z 1.0s 18.00nm 4.4mb
 N 12s 3.01um 4.9MsZ
 E 11s 1.23um
 TIY 21.88 287 eP 42 34.50 34km
 Z 14s 5.48um 5.1MsZ
 E 13s 2.42um
 HHC 22.80 295 eP 42 38.80 -0.2
 Z 14s 2.36um 4.8MsZ
 N 10s 0.32um
 E 12s 1.76um
 PET 23.32 31 eP 42 45.00 1.2

BTO 1.5s 182.00nm 5.4mb
 Z 23.94 294 eP 42 48.00 -2.0
 N 13s 1.85um
 E 13s 0.70um
 XAN 25.00 278 P 43 00.40 0.1
 Z 1.2s 20.00nm 4.6mb
 N 18s 3.03um 4.8MsZ
 E 14s 3.05um
 CIT 25.54 322 eP 43 05.00 -0.2
 MGD 26.95 13 eP 43 17.00 -1.0
 YAK 28.42 351 iPd 43 30.20 -1.1
 Z 1.8s 70.00nm 5.1mb
 N 13s 0.80um 4.5MsZ
 E 14s 0.80um
 LZH 28.84 284 eP 43 34.50 -1.1
 Z 16s 1.95um 4.8MsZ
 E 11s 1.14um
 BOD 28.96 332 eP 43 37.70 1.4
 GYA 29.02 263 P 43 36.40 -0.8
 Z 1.2s 41.00nm 5.0mb
 N 14s 2.68um 5.0MsZ
 E 11s 0.46um
 CD2 29.94 274 eP 43 44.60 -0.8
 Z 12s 3.04um 5.2MsZ
 N 11s 1.63um
 ZAK 30.68 313 eP 43 51.80 0.2
 Z 1.5s 12.00nm 4.5mb
 E 13s 0.97um 4.6MsZ
 GTA 31.74 291 eP 44 00.00 -1.3
 Z 2.0s 27.00nm 4.8mb
 E 12s 2.40um 5.1MsZ
 KMI 32.79 264 Pd 44 10.00 -0.7
 Z 1.9s 40.00nm 5.0mb
 N 12s 2.90um 5.2MsZ
 E 12s 1.20um
 TIK 37.84 355 eP 44 53.00 0.2
 Z 1.8s 29.00nm 4.8mb
 N 13s 1.40um 5.0MsZ
 WMQ 40.54 299 P 45 16.20 0.5
 Z 1.5s 33.00nm 4.9mb
 N 12s 0.75um 4.8MsZ
 LSA 40.69 277 P 45 19.20 1.5
 NRI 44.91 337 iPd 45 49.50 -1.4
 Z 1.7s 30.00nm 4.9mb
 E 18s 1.70um 5.0MsZ
 GUN 45.65 277 P 45 57.72 -0.1
 IPM 46.07 239 ePd 46 01.00 0.2
 PKI 46.16 277 P 46 01.24 -0.6
 KKN 46.19 277 P 46 01.48 -0.4
 DMN 46.40 277 P 46 03.16 -0.4
 GKN 46.64 278 P 46 04.96 -0.4
 PRZ 47.45 299 eP 46 13.00 1.4
 TLG 48.04 300 iP 46 18.00 1.9
 Z 1.6s 60.00nm 5.4mb
 N 11s 20.00nm 4.9mb
 E 16s 0.30um 4.5MsZ
 SVW 48.81 36 (P) 46 21.09 -0.7
 Z 1.4s 36.60nm 5.2mb
 IMA 50.00 29 eP 46 30.62 -0.3
 N 1.8s 26.60nm 5.0mb
 FRU 50.11 300 iPd 46 33.00 1.0
 Z 1.5s 50.00nm 5.3mb
 E 16s 0.60um 4.7MsZ
 SPU 50.54 36 eP 46 34.76 -0.3

BRVK 51.19 314 eP 46 39.00 -0.9
 Z 1.0s 9.00nm 4.7mb
 N 14s 0.48um 4.7MsZ
 E 15s 0.38um
 SLKM 51.46 37 eP 46 41.02 -1.0
 FBA 52.42 31 eP 46 47.33 -1.8
 Z 1.3s 17.60nm 4.9mb
 BALM 55.25 35 eP 47 09.37 -0.8
 SVE 56.05 319 ePc 47 14.20 -1.5
 Z 55 05.00 eS
 HYB 56.31 269 eP 47 17.50 -0.8
 ARU 57.24 319 eP 47 22.00 -2.2
 Z 14s 0.50um 4.8MsZ
 N 14s 0.50um
 GBA 59.18 266 P 47 37.80 -0.6
 MBC 59.69 16 eP 47 40.50 -0.6
 Z 0.8s 4.00nm 4.6mb
 BRS 62.65 166 eP 48 01.00 -0.6
 YKA 67.12 29 eP 48 29.20 -0.9
 Z 0.7s 4.20nm 4.7mb
 DAG 68.38 355 ePd 48 36.60 -1.2
 OBN 69.21 323 eP 48 42.00 -1.3
 Z 14s 0.50um 4.9MsZ
 E 14s 0.50um
 KAF 69.93 333 iP 48 46.30 -1.2
 Z 0.7s 8.20nm 4.9mb
 GMW 70.51 45 eP 48 52.28 0.9
 RMW 71.13 45 eP 48 55.69 0.5
 NUR 71.53 332 eP 49 06.00 8.8X
 DPW 73.00 43 ePc 49 06.10 -0.2
 SES 75.46 38 iPd 49 20.30 -0.1
 NB2 76.02 337 P 49 22.80 -0.6
 Z 0.7s 5.70nm 4.7mb
 CMB 76.98 53 eP 49 28.17 -1.0
 Z 1.3s 15.00nm 4.9mb
 HHA 78.96 45 eP 49 41.54 1.4
 HVU 79.63 46 eP 49 44.56 0.8
 OJC 80.30 325 eP 49 48.00 1.0
 DUG 80.56 48 eP 49 49.52 0.8
 Z 1.3s 18.65nm 4.9mb
 BW06 80.91 44 eP 49 50.59 -0.1
 Z 1.5s 12.20nm 4.7mb
 DAU 81.37 47 eP 49 53.91 0.7
 KSP 81.47 327 eP 49 53.80 0.7
 ARUT 81.62 50 eP 49 55.41 1.0
 MSU 81.97 49 ePc 49 57.38 1.1
 CLL 82.57 329 iPd 49 59.00 0.2
 Z 1.5s 18.00nm 4.9mb
 SRU 82.62 47 eP 49 59.68 0.1
 ZST 82.98 325 e(P) 50 00.70 -0.3
 MOX 83.65 329 eP 50 04.80 0.4
 Z 2.0s 33.00nm 5.1mb
 KHC 83.92 328 eP 50 06.00 0.1
 Z 1.4s 7.80nm 4.7mb
 PV10 83.98 47 ePd 50 08.50 1.8
 GEC2 84.08 327 P 50 06.80 0.1
 Z 1.0s 1.94nm 4.2mb
 GRF 84.53 329 ePc 50 09.60 0.7
 Z 1.3s 24.00nm 5.2mb
 ZOBO 149.65 61 iPKPc 57 27.10 4.8X
 LPB 149.84 61 PKP 57 29.00 6.7X
 CNCB 150.10 61 PKP 57 29.00 6.1X
 SIV 154.26 50 (PKP) 57 30.00 1.8
 S.D. = 1.1 on 76 of 84 obs.

OCT 17, 1992 15h 06m 05.08 ± 0.50s
 6.932 N ± 8.6km 76.673 W ± 7.5km
 DEPTH = 10.0km (geophysicist)
 4.2mb (4 obs.)
 NORTHERN COLOMBIA (99)

BOG 3.46 131 iPc 07 07.00 6.6X
 Z 07 57.00 eS
 PSO 5.74 187 eP 08 36.00 63.2X
 SDV 6.29 72 iPd 07 41.70 1.3
 Z 08 52.00 iS
 TOV 7.37 67 eP 07 56.40 0.9
 Z 09 17.20 eS

17d 15h

MORO	9.14	64	eP	08 19.40	-0.7
GUAN	11.31	74	eP	08 47.60	-2.4
ARE	23.80	168	eP	11 23.00	3.6X
ZOBO	24.57	160	P	11 26.50	-0.7
LPB	24.81	160	eP	11 24.00	-5.3X
CNCB	25.11	160	eP	11 34.00	1.7
CCH	26.30	157	P	11 42.00	-1.2
SIV	27.52	146	eP	11 53.00	-1.0
OLY	31.52	337	(P)	12 28.27	-1.3
FVM	33.33	340	eP	12 44.58	-0.8
	0.8s	12.80nm			4.9mb
BDF	36.28	128	e(P)	13 11.00	0.0
		e		13 16.00	
		e		13 18.10	
		e		13 23.00	
ALO	39.08	320	eP	13 34.43	0.0
	0.8s	2.53nm			3.9mb
SRU	44.21	322	eP	14 16.23	-0.2
PLM	45.54	311	eP	14 27.34	0.2
GSC	46.38	313	(P)	14 33.94	0.3
BONR	48.70	316	ePd	14 52.59	0.5
LBFM	52.74	318	eP	15 21.96	-0.7
LIC	71.11	86	P	17 26.70	0.4
NB2	82.96	29	P	18 37.30	5.8X
	0.8s	2.50nm			4.5mb
GEC2	85.08	42	P	18 44.70	2.1
	0.8s	0.80nm			4.0mb
HYB	145.58	45	ePKP	25 48.00	1.7
ASPA	146.26	237	ePKP	25 51.00	3.7X
	0.7s	2.70nm			
GBA	147.18	52	PKP	25 54.00	5.2X
					S.D. = 1.2 on 20 of 27 obs.
? OCT 17, 1992 15h 06m 28.09± 0.99s					
34.265 N ±15.6km 139.134 E ±37.0km					
DEPTH = 33.0km (normal)					
4.5mb (3 obs.)					
NEAR S. COAST OF HONSHU, JAPAN (230)					
MAT	2.39	342	iPc	07 06.70	0.9
		iS		07 41.60	
ASPA	57.83	186	eP	16 19.30	0.6
	0.4s	3.80nm			4.8mb
HFS	75.83	335	eP	18 11.30	-1.0
	0.4s	1.10nm			4.2mb
NB2	76.00	337	P	18 12.80	-0.6
	0.9s	4.70nm			4.5mb
LRM	77.43	43	eP	18 22.00	0.1
LPB	149.86	61	ePKP	26 17.00	4.6X
CNCB	150.13	61	PKP	26 19.80	6.9X
					S.D. = 1.1 on 5 of 7 obs.
? OCT 17, 1992 15h 30m 28.70± 1.38s					
19.627 S ±17.0km 170.061 E ±21.7km					
DEPTH = 33.0km (normal)					
4.8mb (2 obs.)					
VANUATU ISLANDS (186)					
PVC	2.50	318	iP	31 09.00	1.0
BKM	2.60	318	iP	31 06.50	-2.9X
DZM	4.17	234	iPc	31 31.10	-0.6
		iS		32 19.80	
CTA	22.39	265	eP	35 27.00	1.2
BWA	24.19	228	iPc	35 44.70	1.4
CAN	24.29	226	eP	35 47.60	3.4X
		iPp		35 54.80	26kmX
ASPA	33.79	257	iPd	37 08.40	-1.6
	0.6s	33.60nm			5.4mb
MAT	63.46	332	eP	40 55.00	-2.7
FBA	90.22	17	eP	43 28.50	1.7
	1.0s	1.10nm			4.1mb
GEC2	145.20	332	PKP	50 04.00	-0.6
	0.9s	1.73nm			
GEC2	145.20	332	PKP	50 10.20	5.6X
	0.9s	2.16nm			
SKO	145.34	317	iPKP	50 05.10	0.2
		i		50 09.60	
CDF	148.09	338	ePKP	50 12.50	3.2X
	0.9s	4.60nm			
BCAO	148.41	245	iPKPc	50 15.40	4.7X
	1.0s	20.00nm			
HAU	148.76	339	ePKP	50 14.20	3.9X
	0.7s	3.30nm			
LOR	150.22	341	ePKP	50 17.80	5.3X
	0.7s	2.75nm			
SSF	150.51	341	ePKP	50 18.70	5.8X
	0.8s	4.15nm			

S.D. = 1.7 on 9 of 17 obs.					
? OCT 17, 1992 15h 57m 45.66±12.38s					
39.699 N ±83.5km 23.608 E ±48.3km					
DEPTH = 10.0km (geophysicist)					
AEGEAN SEA (365)					
MD 1.5 (THE).					
PAIG	0.23	14	ePg	57 50.44	-0.2
			eSg	57 53.88	
LIT	0.95	295	iPg	58 03.52	-0.2
			eSg	58 17.28	
SOH	1.14	350	ePg	58 06.84	-0.2
			eSg	58 22.40	
KNT	1.56	340	ePb	58 14.08	0.6
			eSb	58 36.84	
S.D. = 0.7 on 4 of 4 obs.					
* OCT 17, 1992 15h 58m 17.22± 1.69s					
33.380 S ± 5.8km 71.775 W ±13.7km					
DEPTH = 12.8 ± 4.1 km					
NEAR COAST OF CENTRAL CHILE (135)					
MD 4.3 (SAN).					
LCCH	0.20	119	iPd	58 23.07	1.3
IHA	0.37	18	iPc	58 24.40	-0.6
		iS		58 30.80	
LNv	0.65	152	iPd	58 29.23	-0.7
		iS		58 39.48	
TACH	0.75	112	iPd	58 31.75	0.1
		iS		58 43.95	
ROCH	0.76	58	iPd	58 31.51	-0.4
		iS		58 43.45	
SAN	0.93	95	eP	58 34.79	0.0
PEL	0.94	76	iP+	58 35.10	0.1
		iS		58 50.17	
PCH	1.08	103	iPd	58 37.08	-0.3
		iS		58 54.93	
CHCH	1.09	121	iP	58 36.83	-0.6
JACH	1.21	55	iPd	58 38.53	-1.1
		iS		58 56.96	
FCH	1.24	88	iPd	58 39.98	-0.3
		iS		58 58.72	
RTBS	2.60	49	ePc	59 00.40	0.7
RFA	3.08	118	eP	59 07.00	0.5
		i		59 12.70	
		(S)		00 00.80	
RTCV	3.12	62	ePd	59 11.00	3.9X
		S		59 59.10	
RTCB	3.15	54	e(P)	59 08.00	0.5
RTLL	3.46	55	ePd	59 12.70	0.7
		(S)		00 03.00	
CFA	3.47	60	e(P)	59 12.00	-0.1
RTPR	5.43	57	e(P)c	59 41.00	1.2
TCA	6.41	73	iP	59 52.80	-0.9
		i		59 54.30	
S.D. = 0.8 on 18 of 19 obs.					
% OCT 17, 1992 16h 15m 02.71± 0.70s					
46.068 N ± 5.7km 3.026 E ± 6.3km					
DEPTH = 10.0km (geophysicist)					
FRANCE (538)					
ML 2.6 (LDG).					
MAF	0.35	296	Pg	15 09.70	-0.3
			Sg	15 15.40	
BGF	0.51	346	Pg	15 12.80	-0.2
			Sg	15 19.40	
TCF	0.61	292	Pg	15 14.40	-0.6
			Sg	15 22.90	
AVF	0.76	17	Pg	15 17.20	-0.3
			Sg	15 28.20	
			Sn	15 31.00	
SMF	0.81	44	Pg	15 17.80	-0.6
			iP	15 29.60	
SSF	1.05	18	Pg	15 22.60	0.1
			Sg	15 37.10	
LSF	1.06	280	Pg	15 22.40	-0.2
			Sg	15 36.90	
LBF	1.13	35	Pn	15 23.60	-0.3
			Pg	15 24.00	
			Sg	15 39.40	
HYF	1.23	348	Pg	15 26.90	1.3
			Sg	15 43.80	
RJF	1.30	235	Pn	15 25.80	-1.1
			Pg	15 26.70	
			Sg	15 43.00	

CAF	1.33	211	Pn	15 25.70	-1.5
			Pg	15 26.70	
			Sg	15 44.50	
LOR	1.33	25	Pg	15 27.80	0.5
			Sg	15 45.50	
LPO	1.90	224	Pg	15 36.90	1.5
			Sg	16 01.80	
LFF	1.96	236	Pg	15 38.50	2.1
			Sg	16 04.60	
MFF	2.26	285	Pn	15 40.20	-0.5
			Pg	15 44.10	
			Sg	16 14.40	
S.D. = 1.1 on 15 of 15 obs.					

OCT	17, 1992	16h 22m	22.55± 0.56s		
7.301 N ±10.2km		76.396 W ± 7.2km			
DEPTH = 10.0km (geophysicist)					
4.7mb (7 obs.)					
NORTHERN COLOMBIA					(99)
SDV	5.92	74	iPnd	23 55.00	2.4
			iSn	25 06.40	
TOV	6.98	69	eP	24 08.90	1.4
			eS	25 28.50	
CEOS	8.16	77	eP	24 23.60	-0.5
MORO	8.73	65	eP	24 30.80	-1.2
GUAN	10.95	75	eP	25 00.20	-2.3
ZOBO	24.82	161	Pc	27 47.30	0.2
Z	22s	0.26um			3.7msz
		LR		36 00.00	
LPB	25.06	161	eP	27 53.00	3.8X
CNCB	25.36	161	P	27 52.00	-0.2
		i		35 04.00	
SIV	27.67	147	(P)	28 30.00	17.1X
OLY	31.29	336	eP	28 44.43	-0.6
FVM	33.09	339	eP	29 00.46	-0.2
	0.5s	33.89nm			5.5mb
BDF	36.29	129	Pc	29 27.80	-0.8
		e		29 30.20	
		e		29 34.00	
ALO	38.98	319	eP	29 50.65	-0.5
	0.8s	2.93nm			4.0mb
GOL	41.42	326	eP	30 10.83	-0.4
	1.2s	21.45nm			4.8mb
SRU	44.10	321	eP	30 34.10	1.1
MSU	44.79	319	ePc	30 40.00	1.3
BONR	48.63	315	eP	31 08.62	-0.4
YKA	61.72	341	eP	32 41.50	-1.7
	0.7s	4.20nm			4.7mb
MBC	72.76	350	eP	33 52.50	0.0
MFF	75.29	44	eP	34 23.50	15.8X
	0.7s	4.65nm			
AVF	77.70	44	eP	34 20.90	-0.3
	1.0s	8.40nm			4.8mb
SMF	78.03	44	eP	34 23.90	0.9
	0.7s	4.20nm			4.6mb
KHC	84.52	41	eP	35 01.50	4.3X
		e		35 35.40	
GEC2	84.63	42	eP	34 58.40	0.6
	0.8s	1.46nm			4.3mb
HYB	145.13	45	ePKP	42 02.00	-1.0
GBA	146.74	51	PKP	42 07.60	2.0
S.D. = 1.2 on 22 of 26 obs.					

* OCT	17, 1992	16h 37m	56.83± 0.56s		
2.756 S ±10.9km		128.605 E ±16.9km			
DEPTH = 33.0km (normal)					
4.3mb (1 obs.)					
CERAM SEA					(270)
MTN	10.33	166	eP	40 26.00	0.1
ASPA	21.41	167	eP	42 43.80	-0.4
	0.5s	65.40nm			5.3mb X
		eS		46 38.10	
CTA	24.36	136	iP	43 13.50	0.3
IPM	28.50	285	eP	44 01.00	9.4X
MAT	40.11	12	eP	45 31.00	-0.2
	0.9s	5.88nm			4.3mb
GUN	51.16	310	P	47 00.38	0.8
PKI	51.36	309	P	47 01.60	0.6
KKN	51.57	309	P	47 02.42	0.0
DMN	51.61	309	P	47 01.94	-0.9
GKN	52.17	309	P	47 06.74	-0.2
YAK	64.60	1	eP	48 38.40	5.5X
S.D. = 0.6 on 9 of 11 obs.					

OCT	17, 1992	18h 10m	23.88± 1.15s		

19.334 S \pm 6.2km 169.636 E \pm 6.3km
 DEPTH = 36.1 \pm 9.6 km
 5.3mb (29 obs.) 5.1MsZ (27 obs.)
 VANUATU ISLANDS (186)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 17C
 Centroid Location:
 Origin Time 18:10:26.1 1.1
 Lat 19.19S 0.11 Lon 169.53E 0.13
 Dep 15.0 FIX Half-duration 1.0
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-0.83 0.08 Mtt= 1.12 0.10
 Mff=-0.29 0.14 Mrt= 0.64 0.41
 Mrf=-0.48 0.22 Mtf= 0.09 0.07
 Principal Axes:
 T Val= 1.32 Plg=17 Azm= 2
 N -0.05 25 100
 P -1.26 59 241
 Best Double Couple: Ma=1.3 \times 10¹⁷
 NP1: Strike= 60 Dip=35 Slip=-136
 NP2: 292 66 -63

PVC	2.02	321	iPc	10	59.00	2.7
BKM	2.12	321	iPc	10	57.00	-0.6
DZM	4.04	227	iPc	11	23.80	-1.3
SVa	8.45	83	eP	12	26.40	-0.5
HNR	13.59	315	eP	13	41.00	4.3X
BRS	17.42	239	iPc	14	29.50	3.5X
AFI	18.60	76	eP	14	47.00	6.4X
ORZ	21.57	174	eP	15	13.20	0.9
MNG	21.80	168	eP	15	13.00	-1.7
RIV	21.89	225	eP	15	24.20	8.6X
CTA	22.02	264	iP	15	17.80	0.8
	1.1s	9.49nm			4.1mb X	
		i		15	22.00	
		eS		19	30.00	
RAB	22.74	309	e(P)	15	20.00	-4.2X
LTZ	23.48	175	P	15	32.20	1.0
PMG	23.88	291	eP	15	35.50	0.3
	1.3s	192.31nm			5.5mb	
BWA	24.09	227	eP	15	36.70	-0.5
		epP		15	43.40	24kmX
CAN	24.21	225	iPd	15	39.50	1.2
		ipP		15	45.50	21kmX
BWZ	25.13	180	eP	15	46.20	-0.7
LAT	25.35	297	eP	15	50.40	1.0
STK	28.12	238	eP	16	15.00	0.4
	0.2s	2.50nm			4.6mb	
ASPA	33.47	256	iPd	17	00.80	-1.2
	1.1s	50.80nm			5.3mb	
MTN	37.50	274	eP	17	35.40	-0.9
WARB	40.09	252	eP	17	57.90	0.0
MBL	46.61	259	eP	18	50.00	-0.7
MEEK	47.28	251	eP	18	55.00	-1.0
NANU	50.41	256	eP	19	20.00	-0.1
HON	51.34	40	P	19	40.00	12.9X
	Z 20s	3.07um			5.3MsZ	
SBA	58.57	181	ePd	20	20.00	1.1
YSS	70.36	341	ePd	21	35.10	-0.8
	1.0s	30.00nm			5.3mb	
NJ2	70.54	316	eP	21	37.00	-0.3
SPA	70.79	180	ePd	21	38.10	-0.5
	1.0s	33.50nm			5.3mb	
	Z 18s	0.93um			5.1MsZ	
SMY	71.86	3	P	21	50.00	5.2X
	Z 19s	1.53um			5.3MsZ	
MDJ	73.38	331	eP	21	53.30	-0.7
	2.1s	130.00nm			5.5mb	
TIA	74.26	318	eP	21	58.50	-0.8
CN2	74.73	328	eP	22	00.70	-1.1
	1.2s	24.00nm			5.1mb	
	Z 30s	0.73um			4.8MsZ	
GYA	76.18	305	P	22	10.40	-0.3
BJI	77.25	321	eP	22	15.50	-0.6
	2.0s	120.00nm			5.6mb	
	Z 24s	0.45um			4.7MsZ	
TIY	78.16	317	eP	22	21.00	-0.3
	Z 20s	0.62um			4.9MsZ	
		pP		22	28.00	22kmX
XAN	78.45	312	P	22	22.70	-0.3
	0.8s	11.00nm			4.9mb	
		pP		22	33.00	33kmX
MAW	78.49	202	iPd	22	23.00	0.5
	1.1s	52.00nm			5.5mb	
KMI	78.64	302	Pd	22	25.00	0.6
	1.6s	60.00nm			5.3mb	
		pP		22	38.50	46kmX
CHG	79.03	294	eP	22	27.00	0.6
	1.2s	28.52nm			5.1mb	
HHC	80.54	319	eP	22	34.10	0.0
	1.0s	11.00nm			4.8mb	
	Z 26s	0.71um			4.9MsZ	
CD2	80.59	307	eP	22	34.40	-0.2
BTO	81.35	318	eP	22	37.00	-1.4
		sP		22	51.00	
		ePP		25	40.00	
		eS		32	49.00	
LZH	83.07	312	eP	22	48.00	0.5
	2.0s	98.00nm			5.5mb	
	Z 20s	0.25um			4.6MsZ	
		pP		22	57.00	28kmX
		sP		23	00.00	
SVW	84.88	16	eP	22	56.26	0.3
	1.1s	18.30nm			5.2mb	
ARN	85.82	48	ePc	23	01.60	0.5
CIT	86.13	329	eP	22	55.00	-7.3X
ABL	86.34	51	eP	23	03.53	-0.5
WDC	86.66	45	eP	23	05.48	0.3
	1.3s	24.75nm			5.3mb	
	Z 21s	1.17um			5.3MsZ	
ORV	86.88	46	eP	23	06.28	0.1
CMB	86.94	48	eP	23	06.26	-0.4
	1.3s	19.67nm			5.2mb	
	Z 20s	1.03um			5.2MsZ	
YAK	87.05	342	iPc	23	06.50	-0.1
	1.5s	133.00nm			6.0mb	
	Z 18s	0.60um			5.0MsZ	
		i		23	20.00	
PMR	87.10	18	P	23	20.00	13.2X
	Z 20s	1.26um			5.3MsZ	
ISA	87.25	51	eP	23	07.64	-0.6
	1.0s	17.53nm			5.3mb	
	Z 19s	0.85um			5.2MsZ	
PLM	87.46	53	eP	23	09.42	0.0
LBFM	87.46	45	eP	23	08.89	-0.4
GTA	87.46	313	Pd	23	09.00	-0.2
	1.2s	25.00nm			5.3mb	
	Z 16s	0.23um			4.7MsZ	
		pP		23	14.00	16kmX
BONR	88.38	49	eP	23	13.73	-0.1
NVL	88.81	187	eP	23	15.00	-0.1
	1.0s	79.00nm			6.0mb	
	Z 19s	1.00um			5.3MsZ	
	N 18s	0.70um				
	E 18s	0.50um				
SIT	88.85	27	P	23	20.00	4.8X
	Z 19s	1.20um			5.3MsZ	
TNP	89.20	49	eP	23	17.04	-0.6
	1.4s	19.77nm			5.2mb	
BOD	89.53	334	eP	23	17.80	-0.6
	1.5s	30.00nm			5.4mb	
SHW	89.56	40	(P)	23	18.48	-0.6
GMW	89.89	39	eP	23	20.69	0.3
LSA	89.90	302	P	23	21.60	0.2
FBA	90.06	17	(P)	23	18.31	-2.5
	0.9s	4.90nm			4.8mb	
LON	90.09	40	eP	23	21.09	-0.3
MCW	90.42	38	(P)	23	22.73	-0.1
RMW	90.43	39	eP	23	22.93	-0.1
ZAK	90.59	324	eP	23	24.00	0.5
	1.6s	44.00nm			5.5mb	
TUC	91.74	56	eP	23	29.62	0.2
	1.2s	13.43nm			5.2mb	
	Z 19s	0.48um			5.0MsZ	
ARUT	91.81	51	eP	23	30.15	0.5
MOY	92.49	325	eP	23	31.80	-0.4
MSU	93.01	50	(P)	23	35.88	0.6
GUN	93.57	298	PKP	23	38.86	0.6
PKI	93.85	298	PKP	23	38.70	-0.8
	1.0s	13.00nm			5.3mb	
KKN	94.03	298	PKP	23	39.58	-0.6
DMN	94.12	298	PKP	23	39.72	-0.9
	1.0s	29.00nm			5.7mb	
GKN	94.64	298	PKP	23	41.80	-1.1
ALO	96.04	55	P	24	00.00	10.7X
	Z 22s	0.42um			4.9MsZ	
GBA	96.44	282	P	23	53.00	1.9
WMO	97.54	314	P	23	56.00	0.4
	2.0s	18.00nm			5.3mb	
	Z 22s	0.50um			5.0MsZ	
		pP		27	54.40	
GOL	98.38	51	P	24	10.00	10.2X
	Z 19s	0.66um			5.2MsZ	
MIAR	106.13	59	PKP	29	00.00	13.7X
	Z 20s	0.67um			5.2MsZ	
FVM	109.30	56	PKP	29	00.00	7.8X
	Z 18s	0.81um			5.3MsZ	
SLM	109.55	55	PKP	29	00.00	7.4X
	Z 18s	0.27um			4.8MsZ	
JFWS	110.19	50	PKP	29	00.00	6.3X
	Z 22s	1.02um			5.4MsZ	
SVE	116.35	325	ePKPd	29	08.50	3.5X
	N 19s	0.20um				
	E 19s	0.30um				
CEH	118.05	59	PKP	29	20.00	11.1X
	Z 20s	0.65um			5.3MsZ	
RSNY	121.62	49	PKP	29	30.00	14.6X
	Z 21s	0.54um			5.2MsZ	
HRV	123.92	51	PKP	29	30.00	10.1X
	Z 20s	0.76um			5.4MsZ	
LMN	128.26	46	ePKP	29	29.00	0.8
KSP	142.14	332	ePKP	29	52.50	-1.5
BRG	143.12	334	ePKP	29	52.80	-2.8
	2.0s	34.00nm				
		e		30	31.00	
CLL	143.16	335	ePKP	29	50.00	-5.7X
	2.1s	41.00nm				
SRO	143.28	327	e(PKP)	29	55.90	-0.1
PRU	143.53	333	ePKP	29	52.50	-3.9X
		eSg		34	44.50	
SRS	143.84	314	ePKP	29	53.00	-4.2X
MOX	144.22	336	ePKP	29	54.90	-2.6
	1.9s	55.00nm				
KNT	144.29	315	ePKP	29	54.00	-4.0X
VAY	144.43	315	iPKP	29	55.70	-2.5
KHC						

17d 18h

TDS 149.36 317 PKP 30 12.70 6.5X
 FLN 149.58 347 ePKP 30 09.80 3.6X
 1.2s 25.00nm
 Z 20s 0.15um 4.8msz
 LOR 149.81 341 ePKP 30 10.70 4.0X
 1.4s 33.55nm
 Z 21s 0.15um 4.8msz
 GRR 150.01 347 ePKP 30 11.20 4.3X
 1.3s 42.95nm
 L8F 150.02 340 ePKP 30 11.20 4.1X
 1.2s 19.95nm
 SSF 150.10 341 ePKP 30 11.60 4.5X
 1.3s 45.85nm
 LPL 150.30 335 ePKP 30 12.60 4.8X
 1.3s 44.05nm
 LPG 150.31 335 ePKP 30 12.60 4.7X
 1.4s 37.45nm
 SMF 150.37 340 ePKP 30 12.00 4.5X
 1.3s 27.80nm
 LPF 150.39 347 ePKP 30 12.20 4.7X
 1.4s 70.60nm
 AVF 150.39 341 ePKP 30 12.00 4.5X
 1.3s 23.85nm
 SOI 150.41 315 PKPc 30 13.00 5.2X
 BGF 150.76 341 ePKP 30 11.80 3.7X
 1.1s 15.15nm
 TCF 151.19 342 ePKP 30 14.00 5.2X
 1.2s 20.55nm
 LSF 151.42 343 ePKP 30 14.20 5.1X
 1.3s 20.95nm
 S.D. = 1.3 on 103 of 148 obs.

& OCT 17, 1992 18h 57m 52.32s
 35.071 N 116.993 W
 DEPTH = 3.0km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.1 (PAS).

GSC 0.28 34 iPc 57 57.85 0.0
 SSK 1.03 214 ePnd 58 11.46 -1.2
 PEC 1.18 187 iPd 58 14.10 -1.0
 ISA 1.35 296 ePc 58 16.86 -1.0
 PLM 1.72 176 ePn 58 22.37 -1.1
 eLg 58 46.21
 ABL 1.84 264 ePn 58 23.35 -2.0
 ePg 58 26.53
 TPNV 1.97 18 ePn 58 26.26 -0.8
 GLA 2.70 138 ePn 58 40.00 2.5
 ePg 58 42.10
 TNP 3.01 357 (Pn) 58 40.93 -1.1
 MEMM 3.03 329 (P) 58 47.92 5.9
 BONR 3.07 340 ePn 58 42.50 -0.4
 ARUT 3.94 46 (Pn) 58 53.66 -1.6
 12 obs. associated

? OCT 17, 1992 19h 17m 28.38± 4.82s
 33.377 S ± 8.0km 72.037 W ± 40.6km
 DEPTH = 25.9 ± 6.6 km
 OFF COAST OF CENTRAL CHILE (134)
 MD 4.0 (SAN).

LCCH 0.40 104 iPd 17 37.07 0.0
 iS 17 42.49
 IHA 0.48 44 eP 17 38.50 0.2
 eS 17 44.80
 LNV 0.78 138 iPd 17 43.19 0.0
 iS 17 53.50
 ROCH 0.95 65 iPd 17 45.50 -0.7
 iS 17 57.70
 TACH 0.96 107 iPd 17 45.72 -0.4
 iS 17 58.02
 PEL 1.16 79 iP+ 17 49.03 0.1
 iS 20 04.07
 CHCH 1.28 116 iPd 17 50.83 0.1
 PCH 1.30 101 iP 17 51.17 0.2
 iS 18 08.72
 JACH 1.40 61 iP 17 52.61 0.2
 iS 18 09.77
 FCH 1.46 89 iPd 17 53.89 0.3
 iS 18 13.09
 MDZ 2.72 80 eP 18 17.20 5.8X
 iS 18 54.60
 S.D. = 0.4 on 10 of 11 obs.

? OCT 17, 1992 19h 18m 56.54± 6.78s
 33.392 S ± 9.6km 72.206 W ± 54.7km
 DEPTH = 24.4 ± 7.2 km

OFF COAST OF CENTRAL CHILE (134)
 MD 3.9 (SAN).

LCCH 0.54 99 iPd 19 06.71 -0.6
 iS 19 12.18
 IHA 0.60 53 iPd 19 08.20 -0.1
 iS 19 14.70
 LNV 0.87 130 iPd 19 12.90 0.0
 iS 19 22.99
 ROCH 1.09 68 iPd 19 15.15 -1.3
 iS 19 27.74
 TACH 1.09 104 iPd 19 15.40 -0.9
 iS 19 27.70
 PEL 1.30 79 eP 19 19.56 0.3
 iS 19 33.79
 CHCH 1.40 113 iPd 19 20.52 -0.2
 iS 19 37.58
 PCH 1.43 100 iP+ 19 21.36 0.1
 JACH 1.53 63 iP 19 22.24 -0.4
 iS 19 40.57
 FCH 1.60 88 iP 19 23.63 -0.3
 iS 19 42.82
 S.D. = 0.6 on 10 of 10 obs.

OCT 17, 1992 19h 30m 02.36± 1.22s
 40.451 N ± 5.6km 23.705 E ± 11.6km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 2.3 (THE).

SOH 0.46 324 ePg 30 11.42 -0.2
 eSg 30 18.26
 PAIG 0.52 182 ePg 30 12.94 0.0
 iSg 30 20.38
 THE 0.59 288 ePg 30 13.38 -0.9
 eSg 30 22.40
 SRS 0.67 353 ePg 30 15.50 -0.2
 KNT 0.94 319 iPg 30 19.90 -0.3
 iSg 30 34.10
 LIT 0.99 250 ePg 30 21.46 0.2
 eSg 30 36.74
 GRG 1.11 297 ePg 30 23.42 0.2
 eSg 30 39.20
 VAY 1.22 316 ePn 30 26.40 1.3
 S.D. = 0.8 on 8 of 8 obs.

? OCT 17, 1992 19h 32m 35.59± 2.25s
 17.906 N ± 74.6km 64.352 W ± 27.2km
 DEPTH = 33.0km (normal)
 VIRGIN ISLANDS (91)
 ML 3.9 (TRN).

CPD 1.49 275 iP 33 00.30 -0.1
 LPR 1.50 286 iP 33 00.00 -0.5
 S 33 19.80
 SJG 1.72 277 iP 33 04.00 0.3
 CLLP 2.12 275 iP 33 09.70 0.2
 PORP 2.18 274 iP 33 10.20 -0.1
 MGH 2.36 120 eP 33 14.00 1.2
 S 33 47.00
 MGG 3.51 124 eP 33 28.00 -1.2
 S.D. = 0.9 on 7 of 7 obs.

* OCT 17, 1992 19h 51m 09.07± 0.63s
 6.915 N ± 10.1km 76.661 W ± 9.4km
 DEPTH = 10.0km (geophysicist)
 4.2mb (2 obs.)
 NORTHERN COLOMBIA (99)

BOG 3.44 131 eP 52 10.00 5.8X
 eS 52 58.00
 SDV 6.28 71 ePn 52 46.00 1.7
 TOV 7.37 67 eP 53 00.30 0.9
 eS 54 19.50
 MORO 9.13 64 eP 53 22.90 -1.1
 GUAN 11.31 74 eP 53 51.60 -2.3
 ARE 23.78 168 eP 56 24.00 0.8
 ZOBO 24.55 160 P 56 30.00 -1.0
 Z 20s 0.15um 3.5mszX
 LR 04 14.00
 LPB 24.79 160 eP 56 28.00 -5.1X
 CNCB 25.09 160 P 56 35.50 -0.6
 CCH 26.28 157 eP 56 48.00 1.0
 ALO 39.10 320 eP 58 38.20 -0.4
 0.9s 6.30nm 4.3mb
 e 58 42.50
 PDCR 42.02 117 eP 58 58.60 -4.0X

PV10 42.86 322 eP 59 10.10 0.5
 BONR 48.72 316 eP 59 55.08 -1.1
 LIC 71.10 86 P 02 30.00 -0.3
 KIC 71.37 86 P 02 31.00 -0.9
 KHC 84.98 41 eP 04 03.00 17.0X
 e 04 31.00
 GEC2 85.09 42 P 03 49.00 2.4
 0.8s 0.97nm 4.1mb
 HY8 145.59 45 ePKP 10 51.50 1.2
 ASPA 146.26 237 ePKP 10 50.40 -0.9
 0.8s 5.00nm
 GBA 147.18 52 PKP 10 57.00 4.2X
 S.D. = 1.4 on 16 of 21 obs.

? OCT 17, 1992 20h 09m 42.49± 2.66s
 31.886 N ± 20.9km 141.232 E ± 35.6km
 DEPTH = 33.0km (normal)
 4.3mb (4 obs.) 4.0msz (1 obs.)
 SOUTH OF HONSHU, JAPAN (211)

MAT 5.28 332 eP 11 00.00 -1.1
 0.8s 264.93nm 5.8mb X
 eS 11 59.00
 CN2 17.20 318 eP 13 41.80 0.1
 1.0s 9.80nm 3.9mb
 SNY 17.24 310 iPd 13 43.20 1.1
 1.2s 31.00nm 4.3mb
 8JI 21.80 299 eP 14 35.50 2.1X
 1.3s 20.00nm 4.4mb
 TIY 24.30 292 eP 14 58.60 0.6
 Z 20s 0.50um 4.0msz
 GUN 47.72 280 P 18 18.94 0.3
 KKN 48.26 280 P 18 20.90 -1.7
 LRM 77.96 43 eP 21 48.80 9.6X
 NB2 78.87 338 P 21 44.40 0.7
 0.9s 2.80nm 4.3mb
 ZOBO 149.15 67 PKP 29 39.00 12.9X
 S.D. = 1.3 on 7 of 10 obs.

& OCT 17, 1992 20h 15m 55.74s
 35.069 N 116.991 W
 DEPTH = 0.3km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
 Felt at Daggett.

GSC 0.28 33 iPc 16 01.38 0.1
 SSK 1.03 214 ePd 16 14.99 -1.3
 S 16 29.55
 PEC 1.18 187 ePd 16 17.67 -1.1
 S 16 33.54
 ISA 1.35 297 ePc 16 20.42 -1.2
 PLM 1.71 176 ePd 16 26.14 -1.0
 S 16 49.58
 ABL 1.84 264 ePn 16 27.44 -1.7
 TPNV 1.97 18 ePn 16 29.70 -1.2
 S 16 58.57
 GLA 2.70 138 ePn 16 37.44 -3.7
 iPg 16 45.59
 PKEM 2.73 292 (Pn) 16 41.46 -0.1
 PHAM 2.89 286 ePn 16 43.72 -0.1
 TNP 3.01 357 ePn 16 44.61 -1.2
 MEMM 3.03 329 (Pn) 16 46.42 0.6
 BONR 3.07 340 ePn 16 46.40 -0.3
 ARUT 3.94 46 ePn 16 58.50 -0.5
 ePg 17 08.80
 CMB 4.03 318 ePn 16 59.21 -0.9
 ARN 4.32 303 eP 17 04.00 -0.2
 MSU 5.17 47 ePn 17 16.58 0.1
 ePg 17 30.87
 SRU 6.56 50 ePg 17 57.00 21.0
 18 obs. associated

? OCT 17, 1992 20h 37m 30.31± 4.84s
 38.408 N ± 19.8km 20.163 E ± 40.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.2 (ATH).

VLS 0.41 124 iPgc 37 38.50 -0.1
 eSg 37 45.00
 IGT 1.13 7 ePb 37 51.30 -0.2
 eSb 38 08.80
 KEK 1.33 348 ePn 37 59.00 4.1X
 eSb 38 15.00
 AGG 1.80 69 ePn 38 02.58 0.9
 eSn 38 29.20

KZN 2.27 33 ePb 38 10.50 2.0
 LIT 2.47 46 ePn 38 11.18 -0.1
 SOH 3.45 45 ePn 38 24.22 -0.9
 VAY 3.45 32 ePn 38 25.70 0.6
 KNT 3.47 37 ePn 38 23.86 -1.5
 SRS 3.78 43 ePn 38 29.38 -0.5

S.D. = 1.2 on 9 of 10 obs.

% OCT 17, 1992 20h 37m 36.58 ± 1.65s
 30.686 S ± 11.4km 68.976 W ± 15.1km
 DEPTH = 33.0km (normol)
 SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.78 146 iPd 37 50.30 -0.8
 RTCB 0.81 169 iPc 37 51.00 -0.7
 S 38 05.50
 RTBS 1.05 203 ePd 37 55.50 0.5
 (S) 38 10.50
 CFA 1.11 146 iPd 37 55.90 -0.1
 S 38 09.00
 RTCV 1.23 162 iPc 37 58.50 0.9
 S 38 15.50
 RTPR 2.16 80 iPc 38 12.40 1.5
 eS 38 38.80
 MDZ 2.19 177 eP 38 16.10 4.6X
 e 38 19.30
 iS 38 48.00
 CYA 3.56 52 eP 38 30.00 -0.9
 TCA 3.82 101 iP 38 34.40 -0.2
 i 38 39.20
 (S) 39 28.00
 RFA 4.10 174 ePc 38 38.40 -0.1
 i 38 49.70
 S 39 42.00

S.D. = 0.9 on 9 of 10 obs.

OCT 17, 1992 20h 43m 17.85 ± 0.62s
 35.257 N ± 6.7km 1.435 W ± 4.7km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ALGERIA (396)
 mbLg 4.2 (MDD). Minor damage at
 Ain Temouchent.

EMEL 1.25 272 iPc 43 41.32 0.4
 eS 43 57.20
 ENIJ 1.82 340 iPd 43 49.01 -0.5
 eS 44 08.70
 ECOG 2.65 320 iPc 44 13.30 11.8X
 eS 44 29.50
 MAL 2.82 302 iPnd 44 02.50 -1.3
 iSg 44 34.50
 ACU 3.35 14 iPc 44 11.03 -0.3
 eS 44 48.80
 OJEN 3.44 285 iP 44 17.00 4.3X
 EVIA 3.48 346 iPd 44 13.28 0.0
 EJIF 3.49 291 iPc 44 12.54 -0.7
 eS 44 51.30
 IFR 3.51 241 iP 44 14.50 0.8
 i 44 25.00
 i 45 15.50
 PLAT 3.62 285 iP 44 18.00 2.8
 ALJ 3.67 294 iP 44 18.00 2.1
 CNIL 3.91 288 iP 44 21.00 1.7
 GIBL 3.98 294 iP 44 23.00 2.7
 EHOR 4.00 311 iP 44 19.66 -0.8
 SFS 4.06 289 iP 44 25.00 3.7X
 ECHE 4.34 5 iPc 44 25.22 -0.2
 eS 45 12.90

EVAL 4.87 300 iPc 44 32.18 -0.7
 AVE 5.32 250 eP 44 37.00 -2.3
 i 44 47.50
 i 46 12.00
 EROO 5.74 14 iPc 44 44.81 -0.4
 eS 45 45.80
 EBR 5.76 15 eP 44 45.00 -0.4
 GUD 5.79 339 iPc 44 45.28 -0.7
 eS 45 46.60
 LIS 7.07 301 iPc 45 03.70 -0.2
 EPF 7.88 10 Pn 45 15.50 0.2
 Sn 46 41.00
 BTH 7.91 7 Pn 45 15.50 -0.2
 i 45 19.00
 iSP 45 25.00
 iPPP 45 33.00
 LPO 9.63 11 Pn 45 38.90 -0.5
 LFF 9.81 9 Pn 45 40.90 -1.1

ANTZ 9.84 229 iP 46 08.00 25.6X
 i 46 29.00
 CAF 10.02 14 Pn 45 44.80 -0.1
 Sn 47 26.90
 LMR 10.14 35 Pn 45 45.30 -1.2
 Sn 47 33.30
 LRG 10.17 34 Pn 45 46.40 -0.4
 Sn 47 35.20
 RJF 10.29 12 Pn 45 47.20 -1.3
 FRF 10.38 35 Pn 45 49.20 -0.6
 Sn 47 40.90
 PGF 10.91 45 Pn 45 55.70 -1.4
 Sn 47 49.10
 SBF 10.98 36 Pn 45 56.70 -1.4
 Sn 47 55.10
 LSF 11.21 11 Pn 45 59.60 -1.5
 STV 11.22 34 P 46 07.03 5.7X
 IMI 11.24 37 P 46 03.19 1.7
 ENR 11.25 35 P 46 01.77 0.0
 PZZ 11.32 33 P 46 06.12 3.4X
 TCF 11.36 13 Pn 46 02.20 -1.0
 MAF 11.36 14 Pn 46 00.70 -2.5
 MFF 11.38 5 Pn 46 01.10 -2.2
 ROB 11.51 36 P 46 05.84 0.6
 RRL 11.52 31 P 46 08.22 2.7
 FIN 11.61 37 P 46 06.35 -0.3
 BHB 11.66 32 P 46 08.59 1.4
 BGF 11.74 15 Pn 46 04.80 -3.5X
 RSP 11.90 31 P 46 12.94 2.4
 LPG 11.98 29 Pn 46 13.50 1.7
 LPL 11.98 29 Pn 46 10.60 -1.2
 PCP 12.02 37 P 46 12.80 0.6
 SMF 12.05 18 Pn 46 14.30 1.8
 AVF 12.07 16 Pn 46 11.70 -1.1
 LSD 12.11 30 P 46 15.64 2.2
 SSF 12.36 16 Pn 46 18.40 1.7
 HYF 12.38 13 Pn 46 16.20 -0.8
 LBF 12.40 17 Pn 46 16.30 -1.0
 LOR 12.64 17 Pn 46 22.20 1.8
 LPF 12.77 1 Pn 46 20.80 -1.3
 GRR 13.13 2 Pn 46 25.20 -1.7
 LDF 13.36 4 Pn 46 29.40 -0.6
 FLN 13.51 3 Pn 46 31.50 -0.5
 BSF 13.98 24 Pn 46 39.20 1.0
 HAU 13.99 22 Pn 46 39.10 0.8
 CDF 14.65 24 Pn 46 50.30 3.4X
 GEC2 17.58 35 Pn 47 24.50 0.0
 0.6s 2.15nm 3.5mb
 KHC 17.73 34 eP 47 27.00 0.8
 1.5s 8.50nm 3.7mb
 e 47 31.00
 e 48 30.00
 e 47 45.00 1.7
 CLL 19.12 29 eP 47 45.00 1.7
 BRG 19.17 31 e(P) 47 48.00 4.1X
 KSP 20.18 34 eP 47 54.30 -0.8
 OJC 21.50 39 eP 48 11.10 2.4
 MLR 23.13 55 ePc 48 27.50 2.4
 VRI 23.76 55 eP 48 33.00 2.0
 KIC 28.92 187 P 49 17.90 -1.3
 GKN 71.46 69 P 54 38.98 -1.9
 1.0s 21.00nm 5.2mb X
 DMN 72.02 69 P 54 42.40 -1.9
 KKN 72.06 68 P 54 42.00 -2.5
 PKI 72.27 69 P 54 45.26 -0.6
 GBA 73.27 85 P 54 52.00 0.5

S.D. = 1.4 on 70 of 79 obs.

OCT 17, 1992 20h 50m 38.97 ± 0.63s
 37.766 S ± 7.5km 176.208 E ± 8.2km
 DEPTH = 200.0km (geophysicist)
 NORTH ISLAND, NEW ZEALAND (159)

WLZ 0.50 258 P 51 07.30 1.2
 URZ 0.87 125 P 51 07.30 -0.8
 S 51 28.30
 KUZ 1.09 339 P 51 08.40 -1.2
 S 51 32.10
 WHH 1.14 169 P 51 10.80 0.7
 PAHZ 1.28 149 eP 51 11.90 0.8
 MOZ 1.33 236 P 51 13.90 2.4
 NGZ 1.49 198 P 51 15.10 2.1
 CNZ 1.52 200 P 51 14.90 1.6
 MOH 1.55 152 eP 51 14.30 0.9
 HBZ 1.67 85 P 51 12.50 -2.0
 NOZ 1.67 121 P 51 14.10 -0.4
 TTH 1.84 165 P 51 17.50 1.4
 WAHZ 1.93 177 P 51 18.10 0.9

MAHZ 1.93 138 P 51 17.60 0.5
 BSZ 2.26 206 P 51 22.50 1.9
 WCZ 2.36 320 P 51 21.40 -0.2
 PGZ 2.85 179 P 51 27.50 0.3
 KIW 3.25 198 P 51 31.90 -0.2
 MTW 3.43 189 P 51 33.40 -0.8
 CAW 3.45 194 P 51 34.20 -0.3
 DIW 3.51 210 P 51 35.40 0.2
 BLW 3.64 189 P 51 36.10 -0.7
 MRW 3.65 198 P 51 36.40 -0.5
 eS 52 20.30
 WEL 3.69 197 P 51 36.90 -0.4
 MOW 3.73 191 P 51 37.00 -0.9
 TCW 3.75 203 P 51 37.70 -0.5
 ORZ 4.18 222 eP 51 43.00 -0.6
 eS 52 35.50
 THZ 4.74 211 eP 51 50.70 0.1
 KHZ 5.08 203 P 51 54.00 -0.9
 eS 52 54.00
 DSZ 5.23 219 eP 51 56.20 -0.7
 LTZ 5.85 210 eP 52 03.70 -1.2
 MOZ 6.52 203 eP 52 11.10 -2.5
 eS 53 22.90

S.D. = 1.2 on 32 of 32 obs.

* OCT 17, 1992 20h 55m 42.05 ± 2.07s
 35.533 N ± 12.9km 1.585 W ± 16.0km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ALGERIA (396)
 mbLg 3.6 (MDD).

EMEL 1.14 259 iPnc 56 02.16 -1.3
 eSn 56 19.60
 ENIJ 1.52 341 iPnc 56 09.62 0.3
 eSn 56 32.00
 EGUA 2.06 310 iPnc 56 16.89 -0.3
 eSn 56 45.60
 EALH 2.32 3 iPnd 56 20.51 -0.4
 eSn 56 50.70
 ELUQ 2.96 314 iPnc 56 30.61 0.6
 eSn 57 07.40
 EBAN 3.16 327 iPnd 56 33.01 0.2
 eSn 57 13.30
 EVIA 3.19 347 iPnd 56 34.09 0.9
 eSn 57 13.30
 EPRU 3.28 297 iPnd 56 36.70 2.2
 eSn 57 17.00
 EJIF 3.28 287 ePn 56 33.00 -1.5
 IFR 3.55 236 iP 56 39.50 1.0
 i 56 48.00
 i 57 34.00
 EHOR 3.73 309 iPnc 56 40.18 -0.7
 eSn 57 26.40
 ECHE 4.08 7 ePn 56 45.04 -0.8
 GUD 5.49 339 ePn 57 05.84 -0.1

S.D. = 1.1 on 13 of 13 obs.

OCT 17, 1992 21h 22m 22.07 ± 1.16s
 16.956 N ± 5.4km 146.429 E ± 6.5km
 DEPTH = 65.4 ± 10.9 km
 4.9mb (29 obs.)
 MARIANA ISLANDS (216)

NMCC 1.92 201 eP 22 54.00 0.9
 eS 23 18.00
 GUMD 3.67 204 Pn 23 17.50 -0.2
 eS 24 00.70
 PJG 3.67 204 Pn 23 17.80 0.1
 GUA 3.70 204 Pn 23 17.30 -0.8
 eS 24 00.00
 MAT 20.83 341 (P) 26 59.00 -1.5
 0.8s 11.19nm 4.2mb
 PMG 26.20 178 eP 27 50.00 -2.6
 SSE 26.93 306 P 28 01.00 1.9
 Z 20s 0.50um 4.1msz
 YSS 30.13 355 iPd 28 26.50 -1.2
 0.8s 10.00nm 4.6mb
 CN2 32.12 331 eP 28 44.80 -0.4
 Z 16s 0.47um 4.3mszX
 eSP 29 09.80
 BJI 34.87 317 eP 29 10.50 1.4
 1.0s 13.00nm 4.8mb
 CTA 36.81 180 iP 29 26.00 0.4
 XAN 37.63 304 P 29 32.80 0.3
 GYA 38.01 291 P 29 37.40 1.6
 1.0s 35.00nm 5.2mb
 BTO 39.25 314 eP 29 48.40 2.4

PKI	45.51	310	P	42	59.88	0.3
KKN	45.72	310	P	43	01.20	0.1
	0.7s		8.00nm			4.4mb
DMN	45.76	310	P	43	02.06	0.6
GKN	46.32	310	P	43	06.40	0.6
	S.D. = 1.0	on	13	of	14	obs.

&	OCT 17, 1992	23h	08m	30.97s		
	59.826 N			153.288 W		
	DEPTH = 122.5km					
	4.0mb (2 obs.)					
SOUTHERN ALASKA				(2		
<AEIC>. Felt (II) at Homer.						
OPT	0.18	170	iPc	08	47.37	0.8
INW	0.25	18	iPc	08	47.33	0.5
INE	0.26	26	iPc	08	47.55	0.6
			eS	09	00.86	
AUL	0.45	190	iPc	08	48.47	-0.7
PDB	0.46	266	iPc	08	48.14	-1.1
			eS	09	01.45	
AUW	0.47	192	iPc	08	48.54	-0.7
AUE	0.47	185	iPc	08	48.41	-0.8
AUH	0.47	190	iPc	08	48.56	-0.8
AUP	0.47	188	iPc	08	48.60	-0.8
AUI	0.50	188	iPc	08	48.56	-0.9
			eS	09	01.95	
RS1	0.69	22	iPc	08	50.27	-0.7
RS2	0.69	22	iPc	08	50.26	-0.8
RSO	0.69	22	iPc	08	50.27	-0.8
			eS	09	04.97	
RDW	0.70	20	ePd	08	50.20	-0.9
REF	0.73	24	iPd	08	50.45	-0.8
RDN	0.74	21	ePd	08	50.62	-0.7
NCT	0.76	13	iPd	08	50.58	-0.9
			eS	09	05.63	
DFR	0.83	21	iPd	08	51.04	-1.0
MCNL	0.84	220	iPd	08	50.86	-1.1
			eS	09	06.45	
HOM	0.85	101	iPc	08	51.44	-0.6
RDT	0.87	30	iPd	08	51.41	-1.0
XLV	0.88	114	iP	08	51.27	-1.1
CDD	0.92	192	iPc	08	51.74	-1.0
			eS	09	07.63	
CNPM	1.08	105	iPc	08	53.28	-1.1
			eS	09	10.78	
SYI	1.30	159	ePc	08	55.43	-1.2
BKG	1.35	22	iPd	08	56.48	-0.8
			eS	09	15.95	
NKA	1.37	47	iPd	08	58.16	0.7
CKL	1.45	18	iPd	08	57.72	-0.8
CKT	1.48	21	iPd	08	57.85	-0.9
SPU	1.49	24	iPd	08	57.59	-1.3
CKN	1.51	21	ePd	08	58.32	-0.7
BGL	1.51	17	eP	08	57.22	-1.9
CRP	1.55	21	iPd	08	58.41	-1.3
CGLM	1.62	23	iPd	08	59.53	-0.9
NCG	1.68	19	iPd	09	00.34	-0.8
SLKM	1.68	65	ePd	08	59.63	-1.5
SVW	1.73	319	iPd	08	59.79	-1.9
SEW	1.95	80	iPc	09	02.87	-1.5
SUA	2.07	36	iPd	09	04.98	-1.0
			eS	09	31.19	
MPA	2.07	70	iPd	09	04.65	-1.2
KDC	2.13	168	eP	09	03.42	-3.1
			eS	09	29.81	
SKT	2.33	21	iPd	09	07.84	-1.3
			eS	09	37.68	
PMS	2.33	51	P	09	07.50	-1.7
PTE	2.36	62	ePd	09	07.53	-2.0
PWA	2.48	41	P	09	09.30	-1.8
PLRM	2.70	47	ePd	09	11.38	-2.7
PMR	2.70	47	iPd	09	11.07	-3.0
			S	09	42.81	
KNIM	2.83	77	iPd	09	13.28	-2.5
			eS	09	44.95	
MTU	2.84	84	eP	09	14.57	-1.4
KNK	2.86	54	iPd	09	13.71	-2.5
			eS	0		

SCM	3.55	53	iPd	09	22.66	-2.7
MID	3.55	93	P	09	23.60	-1.7
VZW	3.56	67	eP	09	22.43	-3.1
HUR	3.62	27	eP	09	23.93	-2.3
VLZ	3.68	66	eP	09	24.40	-2.7
			eS	10	05.36	
CVA	3.83	76	eP	09	26.52	-2.6
			eS	10	08.59	
KTH	3.91	16	eP	09	27.95	-2.3
TRF	3.91	20	ePc	09	28.11	-2.2
KLU	3.99	62	iPd	09	28.65	-2.7
SGAM	4.09	77	eP	09	30.08	-2.6
TOA	4.15	54	P	09	31.20	-2.4
RND	4.17	29	eP	09	31.18	-2.6
RAGM	4.35	79	ePc	09	33.92	-2.2
MCK	4.43	26	eP	09	35.14	-2.1
TZL	4.43	57	eP	09	34.80	-2.5
KAIM	4.47	85	eP	09	35.59	-2.2
HMT	4.55	80	eP	09	36.95	-1.9
SDG	4.62	51	ePd	09	37.28	-2.6
PAX	4.91	47	ePd	09	41.21	-2.6
			eS	10	35.70	
GLB	4.94	67	ePd	09	41.34	-2.9
			eS	10	35.89	
THY	5.09	42	eP	09	44.51	-1.7
CROM	5.14	75	ePd	09	45.01	-2.0
NEA	5.16	21	ePd	09	44.14	-3.0
WAX	5.25	79	eP	09	46.03	-2.5
SNH	5.26	82	eP	09	47.02	-1.5
WRH	5.26	25	ePd	09	45.44	-3.0
TGL	5.29	75	ePd	09	46.87	-2.1
DDM	5.31	38	eP	09	48.02	-1.2
MLY	5.36	12	eP	09	46.58	-3.3
HDA	5.47	30	ePd	09	48.33	-3.1
CCB	5.47	26	ePd	09	48.16	-3.2
DJE	5.54	37	eP	09	49.86	-2.4
BALM	5.55	73	eP	09	49.88	-2.8
MDM	5.66	22	ePd	09	50.92	-3.1
WRG	5.67	83	eP	09	54.11	0.1
FBA	5.70	24	eP	09	50.72	-3.7
YAH	5.80	80	ePc	09	54.36	-1.8
DOT	5.82	45	eP	09	53.46	-2.8
GLM	5.86	25	ePd	09	53.46	-3.3
SDN	5.94	224	eP	09	53.68	-4.0
CTGM	6.04	74	ePd	09	57.47	-1.8
IMA	6.27	359	eP	09	59.73	-2.7
PCA	6.55	82	eP	10	04.44	-1.8
BCPM	6.87	83	eP	10	09.45	-1.1
PNL	7.02	85	eP	10	11.92	-0.7
FYU	7.68	25	eP	10	18.11	-3.3
SIT	9.81	99	(P)	10	46.68	-3.4
YKA	18.66	65	eP	12	38.70	-2.9
	0.6s		4.70nm		4.0mb	
MBC	20.24	23	eP	12	56.00	-1.8
	0.5s		4.00nm		4.0mb	

105 obs. associated

OCT 17, 1992 23h 26m 06.27± 0.57s
 40.640 S ± 3.9km 174.854 E ± 5.3km
 DEPTH = 88.0 ± 9.4 km
 COOK STRAIT, NEW ZEALAND (163)

KIW	0.23	169	Pc	26	17.70	-1.3
CAW	0.50	161	Pc	26	21.00	0.0
MRW	0.60	191	Pc	26	22.20	0.3
			S	26	32.30	
WEL	0.65	186	P	26	22.90	0.6
			S	26	33.00	
MTW	0.71	137	P	26	23.10	0.1
TCW	0.72	217	P	26	23.20	0.2
DIW	0.73	257	Pc	26	22.00	-1.1
MOW	0.84	159	eP	26	24.90	0.6
BSZ	0.84	4	P	26	23.40	-0.9
BLW	0.87	147	eP	26	25.10	0.5
PGZ	1.08	89	P	26	26.80	-0.2
NRZ	1.48	331	eP	26	32.30	0.2
WAHZ	1.49	51	P	26	32.10	-0.1
CNZ	1.53	21	eP	26	33.30	0.4
NGZ	1.57	22	P	26	33.80	0.4
QRZ	1.78	263	Pc	26	36.20	0.2
THZ	1.85	232	eP	26	37.80	0.8
KHZ	2.03	209	P	26	40.60	1.3
			eS	27	02.70	
MOZ	2.13	359	P	26	41.30	0.6
			eS	27	05.40	
PAHZ	2.46	44	eP	26	44.30	-0.9
DSZ	2.55	243	P	26	46.60	0.1

WLZ	2.83	12	eP	26	50.90	0.7
LTZ	2.89	221	P	26	51.60	0.5
URZ	2.95	37	eP	26	49.00	-2.9x
MOZ	3.48	207	P	26	57.70	-1.4
			eS	27	35.20	
KUZ	3.95	10	eP	27	05.40	-0.3
			eS	27	49.50	
ODZ	5.38	214	eP	27	24.10	-1.5
			S	28	21.60	

S.D. = 0.8 on 26 of 27 obs.

& OCT 17, 1992 23h 39m 00.82s
 35.072 N 116.999 W
 DEPTH = 3.3km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.2 (PAS).

GSC	0.28	35	iPc	39	06.41	0.0
SSK	1.03	214	ePd	39	19.90	-1.2
			eS	39	33.71	
PEC	1.18	187	iPd	39	22.61	-1.0
ISA	1.34	297	ePc	39	25.34	-0.9
PLM	1.72	176	ePn	39	31.09	-0.8
			eLg	39	54.22	
ABL	1.84	264	ePn	39	32.72	-1.0
			ePg	39	35.19	
TPNV	1.97	18	ePn	39	34.85	-0.7
GLA	2.70	138	ePn	39	47.16	1.2
			ePg	39	50.49	
			eLg	40	27.64	
PKEM	2.72	292	(Pn)	39	45.89	-0.3
PHAM	2.88	286	(P)	39	47.98	-0.5
TNP	3.01	357	ePn	39	49.68	-0.8
MEMM	3.03	329	(Pn)	39	50.93	0.5
BONR	3.06	340	ePn	39	51.33	0.1
			ePg	39	59.69	
ARUT	3.95	46	(Pn)	40	04.82	1.1
MSU	5.18	47	(Pn)	40	21.46	0.2

15 obs. associated

% OCT 18, 1992 00h 11m 26.70± 1.04s
 40.348 N ± 9.2km 24.253 E ± 8.2km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

PAIG	0.61	226	ePg	11	39.06	0.1
			eSg	11	46.90	
SOH	0.83	305	ePg	11	42.10	-0.7
			eSg	11	54.80	
SRS	0.92	327	ePg	11	44.60	0.3
			eSg	11	57.80	
KNT	1.31	309	ePb	11	51.30	0.3
			eSb	12	09.70	
ALN	1.47	68	ePb	11	53.14	-0.1

S.D. = 0.6 on 5 of 5 obs.

OCT 18, 1992 00h 58m 05.88± 0.21s
 10.022 S ± 4.8km 117.093 E ± 4.8km
 DEPTH = 26.9km (4 depth phases)
 5.5mb (64 obs.) 5.1msz (33 obs.)

SOUTH OF SUMBAWA, INDONESIA (291)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 53C
 Centroid Location:
 Origin Time 00:58: 6.8 0.7
 Lat 10.96S 0.05 Lon 117.03E 0.04
 Dep 22.0 BDY Half-duration 1.4
 Moment Tensor; Scale 10⁻¹⁷ Nm
 Mrr= 1.98 0.10 Mtt=-2.39 0.09
 Mff= 0.41 0.16 Mrt= 0.85 0.26
 Mrf= 0.21 0.18 Mtf= 0.65 0.09
 Principal Axes:
 T Val= 2.20 Plg=74 Azm=318
 N 0.47 13 99
 P -2.67 10 191
 Best Double Couple: Mo=2.4*10⁻¹⁷
 NP1: Strike=296 Dip=37 Slip= 111
 NP2: 90 56 75

MBL	11.38	167	iPd	00	37.60	-12.3x
NANU	12.56	187	eP	00	54.00	-11.7x
MNI	13.75	35	eP	01	29.20	7.6x
MTN	14.04	103	eP	01	20.00	-5.3x
	0.4s		71.00nm		5.7mb	
			eS	03	47.00	
TSM	14.24	3	eP	01	39.00	11.1x

KKM	15.98	357	ePc	01	57.50	6.8x
	0.7s		155.30nm		5.2mb	
			e	02	03.50	
MEEK	16.59	175	iPd	01	47.90	-10.4x
	0.3s		129.00nm			
			eS	04	28.00	
KGM	18.20	310	ePd	02	20.20	1.8
	0.9s		128.80nm		5.1mb	
WARB	18.44	152	iPd	02	14.30	-7.1x
MRWA	19.13	183	iPc	02	20.00	-9.7x
	0.4s		40.00nm		5.0mb	
			eS	05	34.00	
PPI	19.13	299	ePc	02	28.60	-1.2
	1.0s		305.00nm		5.5mb	
PPR	19.73	5	iPd	02	40.00	3.3x
CGP	19.85	23	iPd	02	41.00	3.1x
			eS	03	02.00	
BAL	20.49	181	iPd	02	37.90	-6.6x
	0.8s		389.00nm		5.8mb	
			eS	06	06.00	
ASPA	21.01	132	iPd	02	46.40	-3.6x
	0.8s		114.00nm		5.3mb	
Z	17s		3.70um		4.8msz	
			eS	06	24.70	
MAP	21.34	19	eP	02	55.50	2.2
KLB	21.47	178	eP	02	48.00	-6.5x
	0.4s		76.00nm		5.5mb	
			eS	06	27.00	
IPM	21.60	311	ePc	02	56.40	0.5
	1.0s		380.90nm		5.8mb	
			e	03	12.10	70kmx
MUN	21.86	182	eP	02	52.00	-6.4x
	0.9s		161.00nm		5.5mb	
			eS	06	37.00	
PLP	22.46	21	ePc	03	06.00	1.6
FORT	23.04	155	eP	03	05.50	-4.5x
TGY	24.27	9	iPc	03	22.00	0.0
RKG	24.43	180	eP	03	20.00	-3.6x
	0.4s		22.00nm		5.1mb	
			e	03	31.50	45kmx
			eS	07	35.00	
JAY	24.61	74	ePc	03	24.80	-0.7
WWKK	27.08	78	eP	03	47.60	-1.0
PMG	29.64	91	eP	04	12.00	0.4
QIZ	29.74	346	eP	04	11.50	-0.9
	15s		2.17um			
N	14s		1.66um			
E	14s		1.66um			
LAT	29.77	86	eP	04	28.00	15.2x
CTA	29.84	113	P	04	14.80	1.4
KHT	30.72	323	eP	04	21.20	0.1
STK	31.42	137	eP	04	24.40	-2.8
	0.6s		7.10nm		4.7mb	
			iPp	05	02.00	181kmx
			eS	09	28.10	
RMQ	34.10	123	iPd	04	50.10	-0.5
	1.1s		32.00nm		5.2mb	
GUMO	36.19	50	eP	05	09.00	0.5
Z	25s		1.13um		4.5msz	
GUA	36.20	50	eP	05	08.00	-0.5
	0.8s		71.64nm		5.6mb	
BWA	37.55	135	eP	05	18.20	-1.6
			ePp	05	24.70	22km
KMI	37.63	338	Pc	05	22.50	1.8
	2.0s		70.00nm		5.2mb	
Z	22s		3.60um		5.1msz	
E	15s		2.20um			
			pP	05	30.00	25km
			eS	11	10.00	
			sS	11	22.00	
GVA	37.65	345	iPc	05	21.60	0.8
	1.0s		46.00nm		5.3mb	
Z	20s		3.61um		5.2msz	

18d 01h

WHN	40.42	356	Pd	05	45.00	1.5	GTA	51.74	343	Pc	07	13.40	0.1	MAW	67.64	200	eP	09	00.00	-2.3
	1.0s	27.00nm			4.9mb			1.0s	24.00nm			5.1mb			1.0s	18.00nm			5.1mb	
Z	24s	4.73um			5.3MszX		Z	18s	3.20um			5.4Msz		BOD	67.67	358	iPc	09	01.60	-0.9
E	16s	1.94um					E	15s	1.19um						1.0s	80.00nm			5.8mb	
SSE	41.07	5	Pc	05	50.00	1.1				pP	07	27.00	50kmX	MAIO	71.07	314	iPc	09	24.00	0.0
Z	20s	2.30um			5.0Msz					S	14	30.00			1.0s	37.50nm			5.5mb	
N	18s	1.50um								sS	14	46.00				eS	18	44.00		
			sP	06	06.00		SNY	51.93	6	iPc	07	13.00	-1.5	PET	72.09	25	eP	09	29.00	-0.6
			PcP	07	49.50			1.0s	54.00nm			5.4mb				e	09	43.00	49kmX	
			S	12	02.00		Z	21s	1.36um			5.0Msz				e	12	08.00		
NJ2	41.87	2	Pc	05	57.00	1.6	YAMJ	52.52	23	P	07	18.70	-0.4	YAK	72.49	6	iPc+	09	31.00	-0.8
	1.0s	57.00nm			5.3mb		OFUJ	53.94	24	P	07	28.80	-0.7		1.0s	201.00nm			6.1mb	
N	17s	1.30um					CN2	54.10	7	Pc	07	29.20	-1.4	Z	11s	0.40um			4.9MszX	
E	17s	1.14um						1.0s	17.00nm			5.0mb		ASH	72.65	315	eP	09	33.00	-0.3
CD2	42.66	343	iPc	06	02.00	-0.1	Z	20s	1.21um			5.0Msz				e	09	54.00	79kmX	
Z	18s	2.75um			5.2Msz		N	16s	0.78um							eS	18	54.00		
E	16s	2.18um					E	16s	1.05um					SHI	73.55	305	eP	09	47.00	8.1X
			eSP	06	15.00				epP	07	41.50	43kmX		BRVK	74.39	333	iPc	09	43.00	-0.1
KAGJ	43.06	17	eP	06	07.50	2.3			ePcP	08	35.00				1.1s	105.00nm			5.8mb	
KOD	44.26	296	iP	06	15.00	-0.6	MDJ	55.55	11	Pc	07	40.50	-0.6		Z	22s	1.27um		5.2Msz	
	1.0s	160.00nm			5.8mb			1.0s	110.00nm			5.8mb			N	20s	1.02um			
			eS	12	42.00		Z	22s	1.27um			5.0Msz			E	20s	0.61um			
KUMJ	44.30	17	P	06	15.10	-0.2			pP	07	54.00	49kmX				eS	19	13.00		
XAN	44.50	350	Pc	06	16.20	-0.7	MRRJ	56.62	21	eP	07	48.40	-0.5	KAT	74.68	315	iP+	09	44.00	-1.0
	0.8s	14.00nm			4.9mb		HOOJ	57.40	23	eP	07	54.90	0.5			e	09	59.00	53kmX	
Z	15s	3.81um			5.4MszX		KUSJ	58.56	23	eP	08	02.00	-0.5			ePPP	14	22.00		
N	15s	1.64um					ASAJ	58.66	21	eP	08	02.60	-0.6			iS	19	15.50		
E	16s	1.16um					WMQ	59.88	336	iPc	08	10.80	-1.0			ePS	19	53.00		
			pP	06	30.00	52kmX		1.0s	190.00nm			6.2mb		MGD	74.88	17	ePc+	09	45.00	-0.7
SHNJ	45.88	16	eP	06	28.00	0.2	Z	28s	1.55um			5.0MszX			1.2s	70.00nm			5.6mb	
TIA	45.98	0	Pc	06	28.00	-0.6	N	12s	0.30um					KER	79.53	308	eP	10	11.00	-1.3
	1.1s	52.00nm			5.4mb				pP	08	20.00	30km		SPA	80.04	180	ePc	10	11.00	-2.7
Z	20s	3.53um			5.3Msz				sP	08	25.00				0.9s	12.27nm			4.9mb	
N	20s	2.99um							eS	16	17.00				Z	21s	2.16um		5.5Msz	
			sP	06	42.00		YSS	61.21	20	ePc	08	19.30	-1.3	NAI	80.22	270	iPc	10	18.00	1.4
			PcP	08	06.00			0.9s	20.00nm			5.2mb			Z	24s	1.01um		5.1MszX	
TKSJ	46.63	19	eP	06	33.80	0.0	Z	20s	0.80um			4.9Msz		SHE	80.61	314	iPc	10	19.00	1.2
LSA	46.73	328	iPc	06	35.10	-0.1	N	20s	0.60um						1.0s	50.00nm			5.5mb	
			S	13	18.50				e	08	32.70	48kmX		SVE	81.09	332	iPc	10	20.00	0.1
			sS	13	41.00		ZAK	61.35	350	iPc	08	20.40	-1.1		2.0s	140.00nm			5.6mb	
WKYJ	47.37	21	eP	06	39.30	-0.5		1.1s	30.00nm			5.3mb				eS	20	23.00		
LZH	47.53	345	eP	06	42.00	0.9	Z	15s	2.84um			5.5MszX		TAB	81.38	311	iPc+	10	23.00	1.0
Z	22s	2.78um			5.2Msz		N	15s	1.34um						81.77	350	iPc	10	21.80	-1.4
E	16s	0.91um					E	16s	1.45um						1.4s	42.00nm			5.3mb	
			pP	06	51.00	30km			e	08	34.00	49kmX				e	10	38.00	57kmX	
			sP	06	56.00				e	09	03.50					e	13	29.00		
			PcP	08	10.00				eS	16	38.00					eS	20	33.00		
			PP	08	30.00		CIT	61.84	358	eP	08	25.00	0.1			ePPS	21	48.00		
			ScS	16	31.00		KSH	62.28	325	iPc	08	28.40	0.2	TIK	81.85	4	iPc+	10	22.50	-1.1
YONJ	47.56	18	P	06	41.40	0.3		1.0s	330.00nm			6.4mb			1.3s	84.00nm			5.6mb	
TIY	47.68	355	Pc	06	41.00	-1.1	Z	20s	2.24um			5.3Msz				e	10	36.00	46kmX	
	1.0s	34.00nm			5.3mb		N	18s	2.17um							e	13	32.00		
Z	26s	2.82um			5.1MszX				pP	08	42.00	49kmX		ERE	83.42	313	iP	10	33.00	0.5
N	19s	2.44um							ScP	13	04.00					eS	20	54.00		
GUN	48.32	322	P	06	46.38	-1.2			PcS	13	10.00			GRO	83.64	316	iPc	10	34.50	1.1
	0.7s	186.00nm			6.2mb				S	16	54.00			ADK	83.66	35	eP	10	34.02	0.7
PKI	48.36	321	P	06	46.16	-1.8	IRK	63.01	351	eP+	08	30.00	-2.6		0.7s	21.08nm			5.4mb	
	0.8s	78.00nm			5.8mb		Z	2.0s	48.00nm			5.3mb		SLR	84.66	245	iPc	10	36.50	-2.7
DMN	48.57	321	P	06	47.96	-1.5	E	16s	1.40um			5.2MszX			0.9s	37.82nm			5.6mb	
	0.9s	197.00nm			6.2mb			0.73um						Z	20s	2.84um			5.7Msz	
KKN	48.60	321	P	06	48.06	-1.5	MOY	63.01	349	ePc	08	31.90	-0.7	NVL	85.57	199	eP	10	41.00	-1.7
	0.8s	149.00nm			6.1mb		TLG	64.19	329	iP	08	40.00	-0.6		2.0s	60.00nm			5.5mb	
TSRJ	48.70	21	P	06	50.00	0.0		1.1s	143.00nm			6.0mb			Z	18s	0.60um		5.0Msz	
DZM	48.72	111	iPd	06	50.50	0.0	Z	17s	0.30um			4.5MszX			E	18s	0.50um			
GKN	49.15	321	P	06	52.16	-1.6		N	18s	0.40um						e	21	03.00		
BJI	49.81	359	eP	06	57.50	-0.9	E	17s	0.60um					PYA	85.66	316	iPc	10	44.00	0.4
	1.2s	98.00nm			5.7mb				e	09	21.00	174kmX			1.0s	150.00nm			6.2mb	
Z	20s	2.71um			5.2Msz				eS	17	13.00					i	10	59.00	52kmX	
N	19s	1.91um					FRU	65.34	327	iPc	08	47.00	-1.0			eS	21	18.00		
CHJJ	50.26	23	P	07	00.60	-1.4		2.0s	130.00nm			5.7mb		KIV	85.89	316	ePc	10	45.30	0.4
MTMJ	50.29	22	P	07	01.50	-0.8			e	17	28.00					eS	21	14.30		
MAT	50.40	22	eP	07	02.00	-1.0			e	17	48.00			SOC	87.84	315	eP	10	54.50	0.3
	1.2s	76.56nm			5.6mb				eP	08	52.00	1.2				e	21	20.00		
Z	20s	1.77um			5.1Msz		CRZF	65.78	224	ePP	12	14.00				eS	21	34.00		
			eS	14	27.00				ePPP	13	56.00					eS	21	56.00	0.8	
BTO	50.79	353	P	07	05.00	-1.0			eS	17	52.00			MASJ	87.97	303	Pc	10	56.00	0.8
N	18s	1.22um							eSPP	19	06.00			MKRJ	88.00	302	Pc	10	56.10	0.8
E	15s	0.88um							eSS	21	42.00			BURJ	88.02	303	Pc	10	56.10	0.7
			pP	07	18.50	50kmX			eSSS	25	28.00			KFNJ	88.04	303	Pc	10	57.00	1.7
			ePP	09	09.00		UKR	66.89	338	iPc	08	55.80	-1.9	SALJ	88.06	303	Pd	10	56.80	1.2
HHC	50.87	355	P	07	06.20	-0.4		1.3s	67.00nm			5.6mb		MBH	88.24	300	iPc	10	55.70	-0.8
	1.0s	28.00nm			5.2mb		Z	20s	0.58um			4.8Msz		MML	88.38	303	iPc	10	56.80	-0.3
Z	27s	2.17um			5.0MszX				iS	17	46.80		BHL	88.51	305	P	10	59.00	1.3	
N	18s	1.51um							i	18	02.50					SKS	21	24.00		
E	17s	0.69um							i	18	47.60		ADI	88						

18d 03h

BONR 3.89 338 ePn 08 21.26 -0.1
 ARUT 4.20 35 eP 08 23.69 -1.9
 ARN 5.09 307 eP 08 35.69 -2.5
 TUC 5.16 112 (Pn) 08 36.32 -2.9
 0.6s 1.50nm 3.8mb
 MSU 5.39 38 ePn 08 41.02 -1.6
 SRU 6.72 43 (P) 09 00.66 -0.6
 17 obs. associated

& OCT 18, 1992 03h 52m 34.74s
 60.052 N 152.581 W
 DEPTH = 106.7km
 SOUTHERN ALASKA (2)
 <AEIC>

INE 0.24 272 iP 52 49.30 0.6
 eS 53 01.01
 INW 0.28 273 eP 52 49.43 0.6
 eS 53 01.58
 RS1 0.42 348 iP 52 50.41 -0.8
 RSO 0.42 348 iP 52 50.41 -0.8
 eS 53 02.28
 RS2 0.42 348 iP 52 50.42 -0.8
 eS 53 02.84
 REF 0.44 352 iP 52 50.53 -0.8
 eS 53 02.43
 RDW 0.45 345 iP 52 50.46 -0.9
 RDN 0.47 349 eP 52 50.66 -0.8
 OPT 0.52 220 iP 52 50.78 -0.8
 eS 53 03.58
 RDT 0.53 9 iP 52 50.84 -0.9
 eS 53 03.60
 NCT 0.54 341 eP 52 50.93 -0.9
 DFR 0.54 355 iP 52 51.05 -0.8
 HOM 0.62 129 eP 52 51.90 -0.4
 XLV 0.74 144 eP 52 52.42 -1.0
 AUL 0.80 213 iP 52 53.05 -0.9
 AUE 0.80 210 eP 52 52.95 -1.0
 AUP 0.81 212 eP 52 53.29 -0.9
 AUH 0.82 213 iP 52 53.32 -0.9
 AUW 0.82 214 iP 52 53.29 -0.8
 AUI 0.84 211 iP 52 53.28 -1.0
 eS 53 07.53
 PDB 0.85 253 iP 52 53.69 -0.8
 eS 53 08.08
 CNPM 0.86 127 iP 52 53.91 -0.6
 eS 53 08.04
 BRK 0.90 108 iP 52 54.02 -1.0
 eS 53 08.87
 NKA 0.96 43 iP 52 56.51 1.0
 BKG 1.03 9 iP 52 55.83 -0.6
 eS 53 11.85
 CKL 1.15 6 iP 52 57.14 -0.6
 SPU 1.16 13 iP 52 57.15 -0.7
 eS 53 14.03
 CKT 1.17 9 eP 52 57.21 -0.7
 eS 53 14.46
 CKN 1.19 9 eP 52 57.72 -0.4
 BGL 1.22 4 eP 52 58.03 -0.5
 CRP 1.24 10 eP 52 58.39 -0.4
 eS 53 16.00
 MCNL 1.25 226 iP 52 57.54 -1.2
 eS 53 14.64
 CDD 1.25 206 iP 52 57.35 -1.4
 SLKM 1.26 68 iP 52 57.43 -1.5
 CGLM 1.29 12 eP 52 58.52 -0.8
 NCG 1.37 9 eP 52 59.90 -0.4
 SYI 1.45 176 iP 52 59.87 -1.2
 SEW 1.57 87 iP 53 00.77 -1.8
 MPA 1.66 73 iP 53 02.45 -1.3
 SUA 1.68 32 iP 53 03.61 -0.5
 eS 53 25.36
 SVW 1.84 307 P 53 05.00 -1.0
 PMS 1.91 50 P 53 05.00 -1.1
 PTE 1.94 64 eP 53 05.45 -1.8
 SKT 2.00 14 eP 53 07.06 -1.1
 PWA 2.08 38 P 53 08.10 -1.0
 PLRM 2.29 46 eP 53 10.51 -1.3
 KDC 2.31 179 P 53 09.60 -2.5
 KNIM 2.44 81 iP 53 11.07 -2.8
 KNK 2.44 54 eP 53 11.83 -2.1
 MTU 2.48 89 eP 53 12.66 -1.7
 GHO 2.48 44 eP 53 13.04 -1.5
 SML 2.72 48 eP 53 15.65 -2.0
 GLI 2.84 71 eP 53 16.41 -2.8
 HIN 3.05 81 eP 53 20.01 -2.1
 FID 3.11 74 eP 53 19.18 -3.7

SCM 3.12 53 eP 53 21.47 -1.7
 MID 3.22 99 P 53 22.20 -2.1
 HUR 3.26 24 eP 53 24.38 -0.5
 VLZ 3.27 68 eP 53 22.23 -2.7
 TTA 3.32 332 P 53 23.60 -2.3
 CVA 3.44 79 eP 53 24.80 -2.5
 KLU 3.57 63 iP 53 26.65 -2.6
 TRF 3.58 17 iP 53 28.79 -0.7
 KTH 3.60 12 eP 53 29.09 -0.5
 SGAM 3.70 80 eP 53 28.25 -2.7
 TOA 3.73 54 P 53 29.70 -1.7
 RND 3.80 26 eP 53 30.88 -1.5
 RAGM 3.96 82 eP 53 32.43 -2.0
 TZL 4.01 57 eP 53 33.27 -1.9
 MCK 4.08 23 eP 53 35.02 -1.0
 KAIM 4.10 88 eP 53 34.29 -2.1
 HMT 4.16 82 eP 53 34.98 -2.3
 SDG 4.21 51 eP 53 37.44 -0.4
 PAX 4.49 46 eP 53 40.41 -1.4
 GLB 4.52 68 eP 53 39.42 -2.8
 CROM 4.74 77 eP 53 43.31 -1.9
 NEA 4.83 18 eP 53 44.24 -2.1
 WAX 4.86 81 eP 53 44.58 -2.3
 SNH 4.88 84 eP 53 44.75 -2.3
 TGL 4.89 77 eP 53 45.30 -2.0
 WRH 4.91 23 eP 53 45.28 -2.1
 MLY 5.07 9 eP 53 48.58 -1.2
 HDA 5.10 29 eP 53 48.19 -1.9
 CCB 5.12 24 eP 53 47.76 -2.6
 BALM 5.15 75 eP 53 48.68 -2.2
 WRG 5.29 86 eP 53 52.42 -0.3
 MDM 5.32 20 eP 53 51.07 -2.1
 FBA 5.35 22 P 53 51.20 -2.3
 YAH 5.41 82 eP 53 52.81 -1.9
 GLM 5.50 24 eP 53 53.27 -2.5
 CTGM 5.63 76 eP 53 55.88 -1.7

91 obs. associated

OCT 18, 1992 04h 51m 28.79 ± 0.60s
 30.341 N ± 3.2km 138.252 E ± 3.1km
 DEPTH = 440.0 ± 6.8 km
 4.7mb (65 obs.)
 SOUTH OF HONSHU, JAPAN (211)

MAT 6.18 360 iPc 53 05.20 -0.4
 0.8s 49.25nm 4.7mb
 SSE 14.70 277 Pc 54 22.00 -1.2
 0.8s 16.00nm 4.6mb
 SHO 15.11 24 eP 54 42.00 -0.5
 0.5s 50.00nm 5.3mb
 MDJ 15.81 337 eP 54 49.30 -0.4
 1.1s 13.00nm 4.4mb
 SNY 16.47 318 Pd 54 57.00 0.6
 0.9s 110.00nm 5.4mb
 NJ2 16.69 281 Pc 54 59.00 0.4
 1.0s 90.00nm 5.2mb
 CN2 16.85 326 eP 55 02.00 1.8
 0.8s 10.00nm 4.4mb
 YSS 17.01 10 ePc 55 01.80 0.1
 0.8s 50.00nm 5.1mb
 GUMO 17.76 158 eP 55 10.80 1.4
 0.9s 137.40nm 5.4mb
 PJG 17.76 158 eP 55 10.80 1.4
 GUA 17.82 158 eP 55 11.20 1.2
 0.7s 126.03nm 5.5mb
 TIA 18.60 294 Pd 55 18.10 0.6
 1.2s 200.00nm 5.5mb
 BJI 20.43 304 eP 55 35.00 -0.2
 1.2s 130.00nm 5.3mb
 WHN 20.60 277 P 55 38.50 1.6
 1.0s 27.00nm 4.7mb
 TIY 22.58 296 Pd 55 55.50 0.1
 1.0s 98.00nm 5.3mb
 HHC 24.02 303 Pd 56 08.80 0.3
 1.0s 95.00nm 5.3mb
 XAN 25.06 286 iPd 56 17.00 -0.8
 0.6s 100.00nm 5.5mb
 BTO 25.07 302 P 56 18.00 0.0
 CGP 25.20 213 eP 56 18.00 -1.2
 PET 27.12 28 eP 56 36.00 0.1
 1.0s 70.00nm 5.0mb

GYA 28.01 270 iPd 56 43.80 -0.4
 1.0s 62.00nm 5.0mb
 CIT 28.26 327 eP 56 47.00 1.0
 LZH 29.25 290 iPd 56 54.50 -0.5
 1.2s 110.00nm 5.1mb
 CD2 29.62 280 iPd 56 58.00 -0.1
 0.6s 22.00nm 4.7mb
 MGD 30.93 12 ePc 57 08.50 -0.6
 1.0s 150.00nm 5.4mb
 KMI 31.78 269 Pd 57 17.00 0.0
 1.5s 40.00nm 4.6mb
 BOD 32.14 336 eP 57 19.60 0.2
 0.8s 10.00nm 4.3mb
 YAK 32.17 352 eP 57 19.00 -0.6
 1.0s 50.00nm 4.9mb
 GTA 32.60 297 P 57 23.00 -0.7
 1.0s 120.00nm 5.3mb
 ZAK 32.90 318 ePc 57 25.30 -0.5
 1.1s 28.00nm 4.6mb
 SEY 33.83 12 ePc 57 34.00 0.5
 1.1s 30.00nm 4.6mb
 ADK 39.38 44 eP 58 19.90 0.2
 0.6s 38.70nm 5.0mb
 TIK 41.66 356 iPc 58 37.00 -0.9
 1.0s 19.00nm 4.5mb
 WMO 41.90 303 iPd 58 40.50 0.2
 1.5s 49.00nm 4.7mb
 IPM 43.44 241 ePd 58 53.70 1.0
 0.7s 63.80nm 5.1mb
 ELT 43.81 317 eP 58 54.50 -0.6
 0.8s 12.00nm 4.4mb
 UKR 44.39 313 eP 59 01.00 1.3
 i 00 34.00
 eS 04 57.00
 ILT 45.23 21 iPc 59 04.20 -1.8
 0.8s 16.00nm 4.5mb
 GUN 45.48 281 P 59 09.56 0.5
 PKI 45.98 280 P 59 12.74 -0.1
 KKN 46.03 281 P 59 13.14 0.1
 DMN 46.23 280 P 59 14.74 0.1
 GKN 46.51 281 P 59 16.78 0.1
 SDN 49.45 41 eP 59 37.50 -0.9
 QIS 50.62 178 eP 59 46.00 -1.4
 0.2s 3.00nm 4.3mb
 CTA 50.72 170 iPc 59 47.70 -0.5
 0.9s 8.40nm 4.1mb
 KSH 50.98 298 P 59 52.00 1.8
 0.7s 60.00nm 5.0mb
 TTA 52.45 32 eP 59 59.10 -1.5
 SVW 52.46 34 eP 00 01.50 0.9
 NDI 52.57 285 iPd 00 01.80 0.0
 0.5s 816.90nm 6.3mb X
 BRVK 53.38 316 iPd 00 07.00 -0.3
 1.0s 28.00nm 4.5mb
 IMA 53.80 28 eP 00 10.00 -0.3
 1.2s 19.40nm 4.3mb
 ASPA 53.86 185 iPd 00 09.80 -1.2
 0.5s 58.90nm 5.2mb
 KDC 53.95 38 eP 00 11.10 -0.2
 CRP 54.15 34 eP 00 12.61 -0.3
 SLKM 55.09 35 eP 00 17.60 -1.8
 PMR 55.60 34 eP 00 22.00 -0.9
 0.9s 72.70nm 5.0mb
 FBA 56.18 30 eP 00 26.90 0.0
 0.7s 13.30nm 4.4mb
 NANU 56.95 205 eP 00 32.40 -0.2
 0.5s 20.00nm 4.8mb
 TOA 56.99 33 eP 00 33.20 0.6
 KLU 57.14 34 P 00 32.46 -1.3
 WARB 57.29 192 iPd 00 34.90 -0.1
 RMO 57.39 169 eP 00 35.00 -0.7
 0.9s 29.00nm 4.7mb
 GBA 58.17 268 P 00 40.20 -1.1
 DZM 58.73 149 iPc 00 44.80 -0.2
 POO 59.12 274 iPd 00 39.00 -8.8X

KOD	59.73	264	eP	00	52.00	-0.2
FORT	61.55	190	eP	01	02.30	-1.1
STK	61.96	177	iPd	01	05.30	-0.8
	0.6s	13.70nm			4.7mb	
MBC	63.67	15	ePc	01	16.50	-0.2
	0.5s	6.00nm			4.5mb	
MAIO	64.38	299	eP	01	23.00	1.1
KEY	68.77	340	eP	01	49.00	0.5
YKA	70.92	28	eP	02	00.30	-1.1
	0.9s	9.20nm			4.4mb	
DAG	72.20	355	iPc	02	08.90	0.4
	0.7s	10.96nm			4.6mb	
KAF	73.04	333	iP	02	13.10	-0.6
	0.5s	12.90nm			4.8mb	
KIV	73.32	311	iPd	02	16.10	0.4
	1.3s	51.00nm			5.0mb	
		eS	11	06.00		
GMW	73.83	44	eP	02	18.54	0.1
RMW	74.46	44	eP	02	22.27	0.1
NUR	74.60	332	iP	02	22.40	-0.1
	0.3s	7.90nm			4.8mb	
LON	74.79	45	eP	02	24.00	0.0
SHW	74.79	45	eP	02	25.43	1.4
VGB	76.01	45	eP	02	30.88	0.2
DPW	76.39	42	ePc	02	33.21	0.5
LBFM	77.33	49	ePc	02	38.74	0.5
UPP	77.78	334	iP	02	39.80	-0.1
SES	79.02	38	ePc	02	46.80	0.0
HFS	79.07	335	eP	02	46.20	-0.6
	0.4s	7.50nm			4.7mb	
NB2	79.30	337	P	02	47.50	-0.6
	0.6s	10.60nm			4.7mb	
ARN	79.55	53	eP	02	50.43	0.6
CMB	79.99	52	ePc	02	52.48	0.3
	1.1s	14.90nm			4.6mb	
LRM	80.82	42	ePc	02	57.40	0.8
BONR	81.44	51	eP	03	00.09	0.1
VRI	82.07	319	ePc	03	04.00	1.3
HHA1	82.29	44	eP	03	05.46	1.4
CVO	82.41	319	eP	03	06.00	1.5
MLR	82.74	319	ePc	03	07.40	1.2
HRI	83.25	305	eP	03	07.80	-1.2
TPNV	83.35	51	ePd	03	10.34	0.8
	0.8s	14.20nm			4.7mb	
DUG	83.79	47	eP	03	11.99	0.4
	1.1s	17.80nm			4.7mb	
ATZ	83.82	304	eP	03	10.90	-0.9
GSC	83.87	53	ePc	03	12.48	0.4
MAMI	84.08	304	eP	03	12.00	-1.1
KSP	84.34	327	iP	03	14.40	0.4
PEC	84.38	54	eP	03	14.76	0.2
	0.8s	6.24nm			4.4mb	
DAU	84.64	46	eP	03	16.86	0.8
ARUT	84.75	49	eP	03	16.41	-0.1
MSU	85.15	48	eP	03	19.41	0.9
BRG	85.40	328	i(P)	03	19.00	-0.1
SRU	85.86	47	eP	03	21.23	-0.6
GEC2	86.94	327	P	03	26.20	-0.5
	0.6s	1.12nm			3.8mb	
GRF	87.47	329	eP	03	30.30	1.1
	20s	0.20um			4.5msz	
CDF	90.17	330	eP	03	40.90	-0.9
	0.5s	1.25nm			4.1mb	
ALO	90.97	48	eP	03	46.66	0.8
	0.9s	7.24nm			4.6mb	
LOR	92.51	331	eP	03	52.30	-0.2
LPL	92.61	328	eP	03	53.00	-0.3
	0.5s	2.75nm			4.5mb	
LPG	92.62	328	eP	03	53.10	-0.3
	0.4s	2.35nm			4.6mb	
LBF	92.69	331	eP	03	52.80	-0.6
	0.4s	1.25nm			4.3mb	
SSF	92.82	331	eP	03	53.70	-0.2
	0.8s	4.55nm			4.6mb	
SMF	93.01	330	eP	03	54.60	-0.2
	0.8s	4.85nm			4.6mb	
AVF	93.10	331	eP	03	55.00	-0.2
	0.6s	2.25nm			4.4mb	
MAF	93.89	331	eP	03	59.50	0.6
TCF	93.98	331	eP	03	58.50	-0.8
LSF	94.29	332	eP	04	00.50	-0.2
ZOBO	152.11	66	PKP	10	30.00	1.5
	S.D. = 0.8 on 123 of 124 obs.					

% OCT 18, 1992 05h 06m 05.69±0.57s
39.477 N ± 4.9km 29.504 E ± 6.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)						
ALT	0.63	132	iPg	06	17.70	-0.8
			iSg	06	27.20	
GPA	1.02	37	ePn	06	25.00	0.0
YLV	1.09	355	iPn	06	26.40	0.1
KHL	1.15	179	iPn	06	28.00	0.7
KCT	1.17	311	iPn	06	26.90	-0.7
EYL	1.20	25	ePn	06	28.40	0.3
BNT	1.50	306	iPn	06	32.90	0.2
EDC	1.53	305	ePn	06	32.90	-0.2
ISK	1.62	348	iPn	06	34.60	0.2
	S.D. = 0.5 on 9 of 9 obs.					

OCT 18, 1992 05h 12m 50.67±0.37s
3.256 N ± 7.7km 82.835 W ± 6.4km
DEPTH = 10.0km (geophysicist)
4.7mb (17 obs.) 4.3msz (1 obs.)
SOUTH OF PANAMA (83)

BOG	8.85	81	eP	15	04.00	2.0
			eS	16	42.00	
SDV	13.36	65	ePn	16	03.70	0.6
TOV	14.49	63	eP	16	17.70	-0.2
CAR	17.35	65	eP	16	56.00	1.2
ARE	22.57	151	eP	17	54.00	1.0
ZOBO	24.26	144	Pc	18	09.70	-0.1
	1.6s	122.18nm			5.3mb	
		LR	25	32.00		
PAG	24.38	57	eP	18	11.00	0.7
LPB	24.47	144	P	18	12.70	1.1
	2	16s	3.37um		4.9mszX	
		LR	27	30.00		
CCH	26.30	142	P	18	28.50	-0.3
SIV	28.79	132	P	18	50.40	-0.7
UYO	32.61	342	iPd	19	24.60	-0.1
MIAR	32.70	343	eP	19	24.75	-0.7
	1.3s	10.89nm			4.6mb	
OLY	33.07	347	eP	19	27.71	-1.0
RLO	34.63	343	eP	19	41.40	-0.8
TUL	34.63	341	eP	19	41.40	-0.8
	0.8s	10.80nm			4.8mb	
	2	22s	0.59um		4.3msz	
		LR	28	48.00		
LNO	34.63	341	eP	19	41.40	-0.7
FVM	35.26	350	eP	19	46.49	-1.0
	1.0s	15.77nm			4.8mb	
ALO	38.40	328	ePc	20	15.47	1.1
	1.1s	15.04nm			4.6mb	
TUC	39.03	321	eP	20	19.62	0.2
	1.0s	6.45nm			4.2mb	
JFWS	40.04	352	eP	20	26.37	-1.2
	0.6s	6.19nm			4.5mb	
GOL	41.64	334	eP	20	42.07	1.0
	1.1s	16.48nm			4.7mb	
GLA	42.12	318	eP	20	45.99	1.1
PV10	42.36	329	eP	20	47.59	0.6
PLM	43.66	317	eP	20	58.92	1.3
SRU	43.68	328	ePc	20	58.18	0.5
MSU	44.13	326	eP	21	02.12	0.7
PEC	44.18	318	eP	21	02.35	0.7
	1.5s	15.54nm			4.6mb	
ARUT	44.34	325	eP	21	03.87	0.8
EMUT	44.35	329	eP	21	04.05	0.9
GSC	44.79	320	eP	21	07.01	0.4
DAU	45.02	329	ePc	21	09.26	0.6
DUG	45.68	328	eP	21	14.04	0.4
	1.5s	13.07nm			4.7mb	
JFO	45.94	125	(P)	21	09.00	-6.9X
BW06	45.99	333	eP	21	16.00	-0.2
	1.4s	19.72nm			4.9mb	
ISA	46.09	319	eP	21	17.42	0.5
	1.4s	16.32nm			4.8mb	
PDCR	46.17	111	eP	21	15.00	-2.7
HHA1	47.72	331	eP	21	30.17	0.4
LRM	49.66	333	eP	21	45.20	0.3
ORV	50.32	321	eP	21	50.02	0.3
NTYM	50.40	319	eP	21	50.48	0.2
LBFM	51.62	323	eP	21	58.10	-1.7
FHC	52.60	321	(P)	22	06.48	-0.5
	1.1s	33.99nm			5.2mb	
SES	52.67	338	eP	22	07.00	-0.4
VGB	53.58	328	eP	22	14.23	0.1
DPW	53.85	331	eP	22	15.60	-0.5
MBC	75.71	352	eP	24	37.50	-0.2
	1.0s	8.00nm			4.7mb	
FBA	76.63	337	eP	24	43.09	0.0

	1.4s	13.56nm			4.8mb	
SPU	77.23	332	eP	24	44.45	-2.1
TIC	77.54	84	P	24	47.60	-1.5
LIC	77.54	84	P	24	47.00	-2.1
KIC	77.82	84	P	24	49.20	-1.4
MAL	78.78	53	iPd	24	57.00	1.5
		i	25	07.50		
SVW	78.88	332	eP	24	54.80	-0.8
IMA	79.33	337	eP	24	57.70	-0.4
	1.0s	7.10nm			4.6mb	
TTA	79.49	334	e(P)	24	56.60	-2.3
DAG	81.06	12	ePc	25	06.10	-0.8
	0.7s	10.27nm			5.0mb	
KKN	147.08	20	PKP	32	35.80	1.5
GUN	147.16	19	PKP	32	36.60	2.0
DMN	147.19	20	PKP	32	36.40	1.8
PKI	147.32	20	PKP	32	36.40	1.5
CGP	150.18	293	ePKP	32	44.00	4.8X
KMI	151.28	349	ePKP	32	50.00	9.1X
GBA	154.24	49	PKP	32	43.00	-2.0
	S.D. = 1.1 on 60 of 63 obs.					

? OCT 18, 1992 05h 19m 56.06±3.96s
33.386 S ± 9.3km 71.961 W ± 34.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.3 (SAN). Felt (III) at
Volparaiso.

LCCH	0.34	105	iPd	20	03.47	-0.9
IHA	0.45	37	iPc	20	04.30	-1.6
			iS	20	09.60	
LNv	0.73	141	iPd	20	09.97	0.1
TACH	0.90	108	iPd	20	11.95	-0.4
ROCH	0.90	63	iPd	20	11.12	-1.4
SAN	1.09	94	iP	20	14.66	-0.4
			iS	20	29.57	
PEL	1.10	78	iP+	20	14.83	-0.4
			iS	20	29.49	
CHCH	1.22	117	iP	20	17.47	0.5
PCH	1.23	101	iPd	20	17.19	0.1
JACH	1.35	59	iPd	20	18.08	-0.7
			iS	20	35.43	
FCH	1.40	88	iPd	20	19.83	0.0
RTBS	2.73	52	iPc	20	42.50	4.0X
			eS	21	17.60	
RTCV	3.26	63	iPd	20	49.20	3.0
RTCB	3.28	56	ePd	20	46.70	0.3
RTLL	3.60	56	ePd	20	52.60	1.7
			S	21	38.40	
CFA	3.61	62	e(P)	20	54.80	3.7X
			(S)	21	42.00	
TCA	6.56	74	iP	21	32.30	-0.5
S.D. = 1.3 on 15 of 17 obs.						

18d 06h

GKN 14.83 97 P 32 38.84 -0.7
 DMN 15.34 98 P 32 46.60 0.4
 KKN 15.44 97 P 32 46.56 -0.9
 PKI 15.61 98 P 32 50.46 0.7
 GUN 15.92 96 P 32 53.10 -0.7
 GBA 19.31 151 P 33 36.00 0.4
 S 37 32.00
 KOD 22.40 155 eP 34 08.00 0.3
 GEC2 44.31 310 P 37 16.20 -2.7
 0.6s 0.54nm 3.5mb
 MBC 73.01 2 eP 40 40.00 2.0
 S.D. = 1.3 on 11 of 12 obs.

OCT 18, 1992 06h 34m 43.04 ± 0.46s
 39.181 N ± 4.2km 23.793 E ± 4.8km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.4 (ATH).

PAIG 0.75 353 ePg 34 58.54 0.8
 eSg 35 09.90
 AGG 1.15 263 ePg 35 02.74 -1.8
 eSg 35 18.10
 OUR 1.16 7 iPb 35 04.93 0.2
 ATH 1.21 183 iPg 35 05.30 -0.2
 LIT 1.36 313 ePb 35 06.86 -1.2
 eSb 35 25.30
 THE 1.58 337 ePb 35 11.14 0.0
 eSb 35 31.60
 SOH 1.67 349 ePb 35 12.38 -0.2
 KZN 1.92 306 ePn 35 15.60 -0.6
 eSn 35 46.00
 PRK 1.93 87 ePn 35 16.80 0.6
 SRS 1.94 356 ePn 35 15.90 -0.5
 eSn 35 40.80
 EZN 2.06 71 ePn 35 18.50 0.4
 GRG 2.07 329 ePn 35 17.66 -0.6
 eSn 35 43.38
 iSn 35 44.14
 KNT 2.09 341 ePn 35 18.66 0.1
 VAY 2.33 337 iPn 35 23.50 1.5
 MMB 2.41 359 iP 35 22.00 -1.1
 ALN 2.43 45 iPn 35 23.86 0.4
 FNA 2.45 312 ePn 35 22.50 -1.3
 VLI 2.55 196 ePn 35 25.00 -0.1
 RZN 2.60 15 iP 35 26.00 0.0
 VLS 2.70 249 ePn 35 29.50 2.2
 KKB 2.74 349 iP 35 26.00 -1.8
 KDZ 2.76 26 eP 35 28.00 -0.1
 IZM 2.82 105 ePn 35 29.30 0.3
 PLD 3.00 13 eP 35 33.00 1.5
 KEK 3.14 281 ePn 35 36.10 2.7
 DIM 3.16 24 iP 35 34.00 0.3
 SKO 3.31 328 ePn 35 38.60 2.6
 i 35 46.50
 PGB 3.38 5 eP 35 36.00 -0.9
 BNT 3.39 68 ePn 35 29.00 -8.1X
 VTS 3.44 353 eP 35 37.00 -0.8
 KCT 3.68 72 ePn 35 49.00 7.8X
 JMB 3.91 32 eP 35 45.00 0.7
 NPS 4.17 159 ePn 35 46.70 -1.5
 PVL 4.20 16 eP 35 47.00 -1.4
 S.D. = 1.2 on 32 of 34 obs.

& OCT 18, 1992 06h 57m 21.84s
 58.854 N 154.760 W
 DEPTH = 117.3km
 ALASKA PENINSULA (12)
 <AEIC>.

MCNL 0.40 33 iPc 57 38.50 -0.7
 eS 57 51.06
 CDD 0.58 82 iPc 57 39.24 -1.1
 eS 57 53.78
 AUI 0.84 54 iPc 57 41.36 -1.0
 eS 57 56.07
 AUW 0.84 52 iPc 57 41.62 -0.8
 AUH 0.85 52 iPc 57 41.66 -0.9
 AUP 0.86 53 ePc 57 41.68 -1.0
 AUL 0.86 52 iPc 57 41.74 -0.9
 AUE 0.88 54 iPc 57 41.87 -0.8
 PDB 0.98 17 iPd 57 42.59 -1.1
 eS 57 58.39
 OPT 1.12 44 iPc 57 44.27 -1.0
 eS 58 01.58
 SYI 1.26 100 ePc 57 44.88 -1.8
 INW 1.47 34 iPd 57 47.84 -1.4

INE 1.49 35 eP 57 48.18 -1.3
 eS 58 08.40
 KDC 1.63 132 P 57 49.50 -1.5
 HOM 1.79 62 eP 57 51.45 -1.6
 RS1 1.91 31 iPd 57 53.20 -1.4
 RS2 1.91 31 iPd 57 53.21 -1.5
 RSO 1.91 31 iPd 57 53.20 -1.5
 RDW 1.91 30 eP 57 53.05 -1.6
 CNPM 1.93 68 iPc 57 52.42 -2.4
 eS 58 15.74
 REF 1.94 32 iPd 57 53.55 -1.6
 NCT 1.95 28 iPd 57 53.55 -1.5
 DFR 2.04 30 ePd 57 54.51 -1.7
 RDT 2.10 34 iPd 57 55.22 -1.7
 BRLK 2.19 64 P 57 57.40 -0.7
 SVW 2.30 350 P 57 59.00 -0.6
 BKG 2.55 28 ePd 58 00.87 -2.0
 NKA 2.60 42 P 58 01.20 -2.2
 CKL 2.65 26 iPd 58 02.50 -1.6
 CKT 2.68 27 ePd 58 02.73 -1.8
 BGL 2.69 25 eP 58 03.52 -1.2
 SPU 2.70 29 eP 58 03.79 -1.0
 CRP 2.75 27 eP 58 04.08 -1.5
 CGLM 2.82 28 eP 58 04.55 -1.9
 SLKM 2.84 52 eP 58 04.13 -2.5
 NCG 2.87 26 eP 58 05.77 -1.3
 SEW 2.99 63 eP 58 05.27 -3.2
 MPA 3.19 57 eP 58 08.59 -2.7
 SUA 3.30 36 eP 58 10.37 -2.5
 SKT 3.52 26 eP 58 13.90 -1.9
 PTE 3.53 53 eP 58 12.81 -2.9
 PMS 3.54 45 P 58 13.00 -3.1
 MTU 3.81 70 eP 58 16.56 -3.0
 KNIM 3.87 64 eP 58 16.40 -4.1
 44 obs. associated

OCT 18, 1992 07h 34m 51.84 ± 0.59s
 44.730 N ± 3.9km 7.608 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.0 (GEN), 2.0 (LDG).

BHB 0.27 295 P 34 58.18 0.6
 PZZ 0.43 238 P 35 00.52 -0.1
 S 35 07.24
 ROB 0.47 157 P 35 02.39 0.9
 S 35 10.27
 RSP 0.49 330 P 35 01.20 -0.6
 S 35 06.70
 ENR 0.52 195 P 35 02.58 0.2
 S 35 10.36
 STV 0.53 203 P 35 02.48 0.0
 S 35 10.17
 RRL 0.62 288 P 35 03.58 -0.8
 S 35 10.62
 PCP 0.70 105 P 35 05.14 -0.5
 S 35 14.38
 LSD 0.80 336 P 35 05.60 -1.9
 IMI 0.84 166 P 35 08.48 0.3
 S 35 17.86
 SBF 0.88 188 Pg 35 09.10 0.4
 Sg 35 17.50
 LPG 0.98 322 Pg 35 12.30 1.7
 LPL 1.00 322 Pg 35 12.60 1.6
 FRF 1.36 211 Pg 35 16.30 -0.5
 Sg 35 33.40
 LRG 1.56 216 Pg 35 19.10 -0.5
 Sg 35 39.80
 LMR 1.61 210 Pg 35 19.50 -0.8
 Sg 35 39.10
 S.D. = 1.0 on 16 of 16 obs.

& OCT 18, 1992 07h 56m 29.32s
 61.443 N 150.676 W
 DEPTH = 46.1km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 3.2 (AEIC), 3.0 (PMR).

SUA 0.04 303 iPd 56 36.91 1.9
 eS 56 44.04
 PWA 0.44 61 iPc 56 39.40 -0.2
 PMS 0.57 110 iPc 56 40.90 -0.5
 CGLM 0.66 259 eP 56 42.00 -0.5
 SKT 0.68 323 iPd 56 41.81 -0.9
 eS 56 52.32
 NCG 0.71 267 ePc 56 42.78 -0.5

SPU 0.71 249 iPc 56 42.32 -1.0
 S 56 53.12
 CRP 0.73 257 eP 56 42.47 -1.2
 NKA 0.75 201 iPc 56 44.84 1.1
 PLRM 0.76 78 iPc 56 42.45 -1.3
 eS 56 53.96
 PMR 0.76 78 iPc 56 42.09 -1.6
 S 56 53.27
 CKN 0.76 254 ePc 56 43.51 -0.3
 CKT 0.78 252 iPc 56 43.36 -0.8
 CKL 0.84 254 iPc 56 44.24 -0.8
 BGL 0.85 258 eP 56 43.25 -1.9
 BKG 0.85 245 iPc 56 44.45 -0.7
 eS 56 57.07
 GH0 0.90 68 ePc 56 44.59 -1.3
 eS 56 58.71
 SLKM 0.96 166 iPd 56 45.44 -1.3
 PTE 0.99 125 iPd 56 46.15 -0.8
 eS 57 00.53
 KNK 1.07 91 ePd 56 47.35 -0.8
 eS 57 02.47
 MPA 1.15 146 ePd 56 48.09 -1.2
 eS 57 04.82
 SML 1.18 71 iPc 56 48.64 -1.1
 RDT 1.21 225 iPc 56 49.37 -0.8
 eS 57 05.87
 DFR 1.30 230 iPc 56 50.65 -0.8
 REF 1.38 227 iPc 56 51.91 -0.7
 RDN 1.38 228 eP 56 51.42 -1.2
 NCT 1.41 232 iPc 56 52.37 -0.7
 RSO 1.41 227 iPc 56 52.42 -0.7
 RS2 1.41 227 iPc 56 52.45 -0.7
 RS1 1.42 227 iPc 56 52.44 -0.8
 RDW 1.42 228 iPc 56 52.50 -0.7
 SEW 1.47 155 eP 56 52.19 -1.6
 HUR 1.62 17 eP 56 55.35 -0.5
 SCM 1.65 75 iPc 56 55.07 -1.3
 KNIM 1.81 126 iPd 56 55.46 -3.1
 INE 1.82 221 iPc 56 58.08 -0.7
 GLI 1.83 106 iPd 56 56.29 -2.5
 INW 1.83 222 ePc 56 58.43 -0.6
 HOM 1.85 195 eP 56 59.72 0.5
 CNPM 1.94 188 ePd 56 59.02 -1.5
 eS 57 23.93
 TRF 2.02 5 iPd 57 01.15 -0.6
 MTU 2.08 133 eP 56 59.83 -2.6
 KTH 2.12 357 eP 57 02.57 -0.5
 VLZ 2.12 97 iPd 57 00.57 -2.4
 RND 2.15 22 eP 57 02.54 -0.9
 FID 2.15 107 eP 57 00.13 -3.3
 OPT 2.20 216 iPc 57 04.11 0.0
 TOA 2.24 71 eP 57 04.50 -0.3
 KLU 2.28 87 ePc 57 02.84 -2.5
 HIN 2.29 115 eP 57 02.14 -3.3
 PDB 2.40 228 iPc 57 05.59 -1.4
 SVW 2.41 264 eP 57 04.85 -2.3
 MCK 2.44 19 eP 57 06.85 -0.6
 AUL 2.48 215 eP 57 07.83 -0.3
 AUE 2.48 214 eP 57 08.03 -0.1
 AUP 2.49 214 eP 57 08.30 -0.1
 AUH 2.50 215 eP 57 08.31 -0.1
 AUW 2.50 215 eP 57 07.96 -0.4
 AUI 2.52 214 eP 57 08.72 0.1
 CVA 2.56 108 eP 57 06.43 -2.9
 TZL 2.57 74 eP 57 08.01 -1.4
 SDG 2.66 64 eP 57 10.38 -0.3
 SGAM 2.83 107 eP 57 09.18 -4.0
 PAX 2.88 56 eP 57 13.07 -0.9
 MCNL 2.91 220 ePc 57 12.83 -1.4
 TTA 2.91 303 eP 57 12.14 -2.2
 CDD 2.92 212 ePd 57 13.53 -1.0
 SYI 2.97 198 eP 57 13.44 -1.6
 RAGM 3.12 107 eP 57 13.81 -3.4
 WRH 3.26 20 eP 57 18.25 -1.0
 GLB 3.30 87 eP 57 16.30 -3.5
 HMT 3.33 107 eP 57 16.00 -4.1
 HDA 3.43 28 eP 57 20.66 -0.9
 CCB 3.47 21 eP 57 20.77 -1.4
 MLY 3.60 360 iPd 57 22.23 -1.8
 FBA 3.71 19 eP 57 23.97 -1.6
 CROM 3.72 97 eP 57 22.69 -3.2
 DOT 3.78 51 eP 57 26.65 0.1
 GLM 3.86 21 eP 57 26.44 -1.3
 TGL 3.87 97 eP 57 24.74 -3.2
 SNH 4.04 105 eP 57 29.24 -1.1
 BALM 4.05 92 eP 57 26.57 -3.9
 YAH 4.49 100 eP 57 33.43 -3.4

CTGM 4.55 92 eP 57 34.55 -2.9
 IMA 4.83 345 (P) 57 37.86 -3.6
 85 obs. associated

* OCT 18, 1992 08h 44m 18.68±1.39s
 6.079 S ± 9.1km 129.186 E ±15.6km
 DEPTH = 224.6 ± 17.6 km
 4.8mb (1 obs.)

BANDA SEA (280)

MTN 6.99 164 iPd 45 59.00 -0.7
 0.3s 319.00nm 6.0mb X

CGP 15.12 343 iPc 47 43.50 0.9
 iS 47 53.50

MBL 17.52 210 eP 48 10.60 0.3
 QIS 17.59 146 iPc 48 10.00 -1.1
 0.2s 7.00nm 4.8mb

ASPA 18.07 166 iPd 48 16.10 0.0
 0.5s 141.90nm 5.7mb X

WARB 20.14 187 eP 48 38.50 1.3
 CTA 21.65 132 iPc 48 53.00 0.9

GUN 53.74 311 P 53 20.20 -0.4
 PKI 53.92 311 P 53 21.30 -0.6

KKN 54.13 311 P 53 22.90 -0.4
 DMN 54.16 310 P 53 23.60 0.0

GKN 54.72 311 P 53 27.30 -0.2
 S.D. = 0.8 on 12 of 12 obs.

? OCT 18, 1992 09h 16m 23.53±0.83s
 35.156 N ±13.0km 81.637 E ±26.8km
 DEPTH = 33.0km (normol)
 4.3mb (1 obs.)

SOUTHERN XINJIANG, CHINA (321)

GKN 7.58 159 P 18 15.12 0.5
 KKN 7.97 156 P 18 21.24 1.0

GUN 8.08 152 P 18 20.36 -1.4
 DMN 8.09 158 P 18 21.32 -0.5

PKI 8.22 156 P 18 24.26 0.5
 GBA 21.79 191 P 21 14.30 -0.2

NB2 50.63 324 P 25 21.10 0.0
 0.9s 3.50nm 4.3mb

MBC 68.07 5 eP 27 21.50 0.1
 S.D. = 0.9 on 8 of 8 obs.

OCT 18, 1992 10h 51m 21.65±0.29s
 6.972 N ±5.8km 76.454 W ±4.0km
 DEPTH = 13.2km (4 depth phases)
 5.2mb (40 obs.)

NORTHERN COLOMBIA (99)

BOG 3.33 134 iPd 52 19.50 4.7X
 iS 53 06.00

PSO 5.81 189 eP 53 52.00 62.1X
 SDV 6.07 71 iPnd 54 54.20 0.8

TOV 7.16 67 eP 53 07.40 -1.2
 iPP 53 08.00

iS 54 26.50
 MORO 8.92 64 ePd 53 31.40 -1.9

LLAV 10.15 69 eP 53 59.50 9.3X
 GUAN 11.09 74 eP 53 59.50 -3.6X

CUM 12.63 73 eP 54 23.00 -0.8
 eS 56 50.00

GRW 15.47 69 eP 55 01.70 0.4
 MGH 16.96 54 eP 55 21.70 1.4

BPA 17.42 54 eP 55 27.50 1.4
 CPB 17.78 52 eP 55 19.12 -11.4X

OXX 22.20 299 (P) 56 23.50 3.8X
 ARE 23.80 168 eP 56 38.00 2.6X

ZOBO 24.53 160 P 56 39.60 -3.3X
 1.2s 62.50nm 5.1mb

Z 19s 1.80um 4.6MsZ
 i 56 42.90 12km

S 01 06.00
 LR 04 24.00

LPB 24.77 161 P 56 44.80 -0.2
 Z 16s 4.04um 5.0MsZ

LR 04 50.00
 HBF 26.09 352 (P) 56 55.15 -1.6

SGS 26.36 352 eP 56 55.57 -3.7X
 SIV 27.43 146 eP 57 07.00 -2.3

PRM 27.53 349 eP 57 08.14 -1.8
 JSC 27.53 351 eP 57 08.76 -1.2

LHS 27.67 352 eP 57 06.97 -4.2X
 NAV 30.46 353 eP 57 37.02 0.7

GRT 31.48 340 eP 57 45.40 0.2
 OLY 31.57 336 ePc 57 45.21 -0.8

MIAR 31.66 332 eP 57 45.61 -1.2
 1.0s 13.79nm 4.8mb

UYO 31.77 331 iPd 57 47.40 -0.4
 ELC 32.34 341 eP 57 51.97 -0.8

VVO 33.33 331 ePc 58 00.80 -0.6
 FVM 33.37 340 ePc 58 01.16 -0.6

1.4s 373.03nm 6.1mb
 RLO 33.66 332 ePc 58 03.10 -1.2

LNO 33.82 331 ePc 58 04.40 -1.1
 TUL 33.82 331 ePc 58 04.70 -0.9

0.9s 48.70nm 5.4mb
 Z 20s 0.41um 4.2MsZ

e 58 07.00 8km
 LR 08 07.00

SIO 33.93 330 e(P) 58 06.20 -0.5
 FNO 34.10 329 iPc 58 07.40 -0.7

MEQ 34.37 327 iPc 58 09.20 -1.3
 BAO 36.05 129 Pc 58 23.10 -2.0

e 58 29.70 22km
 e 58 35.10

e 58 45.70
 e 59 03.10

e 59 11.30
 e 59 19.40

e 59 43.20
 e 08 36.20

e 09 08.10
 e 09 25.70

e 09 34.10
 e 09 41.00

e 09 46.00
 e 09 53.00

e 10 03.10
 e 10 12.50

e 10 17.50
 e 10 24.90

e 10 29.00
 e 10 33.00

e 11 11.60
 RSNY 37.47 2 (P) 58 34.31 -2.2

1.0s 17.79nm 4.8mb
 e 58 37.63 11km

JFWS 37.81 343 eP 58 38.59 -0.9
 1.4s 117.12nm 5.5mb

PPD 37.92 140 eP 58 37.70 -2.9
 RTLL 38.84 169 ePc 58 48.30 0.0

ALO 39.19 319 ePc 58 51.98 0.5
 1.2s 24.57nm 4.8mb

ePP 00 25.54
 EEO 39.59 357 eP 58 58.00 3.7X

LMN 40.02 13 ePc 59 01.90 4.0X
 MDZ 40.29 170 eP 59 02.40 2.1

TUC 40.68 313 eP 59 04.07 0.5
 1.1s 12.40nm 4.5mb

VAO 41.46 137 eP 59 04.00 -6.1X
 GOL 41.66 326 ePd 59 12.06 0.3

1.3s 62.46nm 5.2mb
 PDCR 41.86 117 eP 59 06.70 -6.6X

e 59 18.50 43kmX
 PV10 42.95 322 eP 59 23.50 1.2

JFO 43.23 132 eP 59 18.20 -6.4X
 GLA 44.02 311 ePd 59 31.77 0.9

ePP 01 16.06
 SRU 44.31 321 eP 59 33.62 0.3

EMUT 44.92 322 eP 59 38.71 0.4
 MSU 45.00 320 eP 59 39.48 0.5

ARUT 45.43 318 eP 59 42.59 0.4
 0.1s 38.00

DAU 45.55 322 ePc 59 43.94 0.6
 PLM 45.68 311 eP 59 45.01 0.7

BW06 46.06 326 eP 59 46.79 -0.5
 1.5s 31.66nm 5.1mb

ULM 46.09 343 eP 59 48.50 1.4
 PEC 46.14 311 (P) 59 48.33 0.6

1.0s 6.78nm 4.6mb
 DUG 46.38 321 eP 59 49.97 0.3

0.9s 5.75nm 4.6mb
 ePP 01 39.91

GSC 46.51 313 ePc 59 51.09 0.3
 JAO 46.70 1 eP 59 52.00 0.2

TPNV 46.91 315 (P) 59 55.30 1.4
 0.6s 4.88nm 4.7mb

HHA1 47.98 325 eP 00 03.47 1.2

TNP 48.13 316 ePc 00 03.90 0.3
 0.7s 6.09nm 4.8mb

BONR 48.82 316 eP 00 09.60 0.6
 BCH 48.87 311 (P) 00 10.34 1.1

LRM 49.62 327 eP 00 14.20 -0.8
 ARN 50.84 313 eP 00 25.29 1.1

ORV 51.78 316 eP 00 31.41 0.2
 SES 52.00 333 eP 00 32.00 -0.8

pP 00 46.00 52kmX
 NTYM 52.09 314 eP 00 33.96 0.4

LBFM 52.86 318 eP 00 38.87 -0.7
 NEW 53.64 327 eP 00 44.00 -1.0

1.3s 37.74nm 5.2mb
 DPW 54.00 326 eP 00 46.77 -0.9

FHC 54.03 316 (P) 00 46.44 -1.5
 0.8s 23.88nm 5.3mb

VGB 54.19 323 eP 00 48.75 -0.3
 LON 55.44 324 eP 00 58.03 -0.2

RMW 55.81 324 (P) 00 59.38 -1.5
 BMW 56.15 323 eP 01 05.46 2.1

GMW 56.42 324 eP 01 04.26 -1.0
 MCW 57.03 325 (P) 01 09.14 -0.5

YKA 62.01 341 eP 01 41.70 -2.0
 1.0s 20.90nm 5.3mb

TIC 70.86 85 P 02 39.92 -0.9
 1.1s 33.00nm 5.4mb

LIC 70.89 86 P 02 40.14 -0.9
 1.1s 32.00nm 5.4mb

KIC 71.16 86 P 02 41.98 -0.7
 1.2s 63.00nm 5.6mb

DCN 72.06 36 eP 02 47.40 0.2
 DMU 72.39 36 eP 02 49.40 0.2

MBC 73.08 350 ePd 02 52.40 -0.5
 1.4s 29.00nm 5.2mb

TOA 74.44 333 eP 03 02.20 1.1
 EKA 74.81 35 Pd 03 03.20 -0.1

1.8s 49.00nm 5.2mb
 LPF 75.10 42 eP 03 03.60 -1.5

FLN 75.54 42 eP 03 06.40 -1.2
 1.3s 40.05nm 5.3mb

Z 23s 0.22um 4.4MsZ
 MFF 75.56 44 eP 03 08.20 0.4

1.2s 26.20nm 5.2mb
 EPF 75.62 47 eP 03 09.10 0.8

1.7s 75.75nm 5.5mb
 PMR 75.68 332 e(P) 03 08.90 0.7

1.4s 127.30nm 5.8mb
 LDF 75.76 42 eP 03 07.60 -1.3

FBA 75.85 335 eP 03 11.10 2.0
 1.6s 108.00nm 5.7mb

SLKM 75.99 331 (P) 03 08.63 -1.4
 LFF 76.05 46 eP 03 10.80 0.2

DAG 76.14 12 iPc 03 10.00 -0.5
 0.4s 8.47nm 5.2mb

LPO 76.34 46 eP 03 12.50 0.2
 0.7s 8.50nm 4.9mb

RJF 76.62 45 eP 03 14.10 0.3
 Z 23s 0.20um 4.4MsZ

LSF 76.69 44 eP 03 14.30 0.1
 CAF 76.98 46 eP 03 16.20 0.3

1.6s 52.25nm 5.4mb
 CRP 77.05 331 (P) 03 17.00 0.9

AVF 77.98 44 eP 03 21.30 0.1
 1.7s 40.45nm 5.2mb

SSF 78.09 43 eP 03 21.90 0.0
 SMF 78.31 44 eP 03 23.20 0.1

LOR 78.34 43 eP 03 23.10 -0.2
 1.8s 52.65nm 5.3mb

Z 22s 0.15um 4.3MsZ
 LBF 78.41 44 eP 03 23.50 -0.2

IMA 78.48 336 eP 03 24.30 0.4
 1.6s 64.90nm 5.4mb

SVW 78.70 331 eP 03 24.60 -0.4
 DOU 78.95 40 P 03 27.40 0.9

TTA 79.07 333 eP 03 25.90 -1.2
 ENN 79.82 40 eP 03 31.00 -0.2

1.5s 61.00nm 5.4mb
 WLF 79.94 41 P 03 34.00 2.1

HAU 80.04 43 eP 03 32.80 0.3
 Z 22s 0.15um 4.3MsZ

LPL 80.30 45 eP 03 35.40 1.2
 LPG 80.31 45 eP 03 34.10 -0.3

LPG 80.31 45 eP 03 35.30 0.9
 BSF 80.34 43 eP 03 34.10 -0.1

WTS 80.40 39 eP 03 35.50 1.2
 0.6s 13.00nm 5.1mb

CDF 80.67 42 eP 03 36.20 0.3

18d 11h

NB2 82.82 29 P 03 47.70 0.9
1.2s 12.00nm 4.9mb
GRF 83.23 41 eP 03 50.00 0.8
Z 24s 0.30um 4.6mszX
CLL 84.27 39 eP 03 55.00 0.6
KHC 84.80 41 P 03 57.60 0.5
1.1s 7.10nm 4.8mb
e 04 15.50 64kmX
BRG 84.90 40 iP 03 59.00 1.5
1.0s 14.00nm 5.1mb
e 04 08.60 30kmX
GEC2 84.91 42 Pd 03 58.60 0.9
0.9s 3.05nm 4.5mb
PRU 85.36 40 ePd 04 01.30 1.5
KSP 86.38 39 eP 04 06.50 1.6
OJC 88.68 40 eP 04 18.50 2.5
SPC 89.14 41 eP 04 19.60 1.1
BCAO 94.41 85 ePc 04 35.50 -7.7X
1.0s 5.00nm 4.9mb
ASPA 146.46 237 iPKPc 11 03.20 -0.4
1.1s 16.40nm
GBA 146.99 52 PKP 11 06.40 1.9
KMI 148.09 1 PKPc 11 20.50 14.1X
2.0s 420.00nm
KOD 148.91 57 ePKP 11 13.00 4.9X
S.D. = 1.1 an 123 of 141 abs.

& OCT 18, 1992 11h 55m 19.32s
62.977 N 151.011 W
DEPTH = 117.5km

CENTRAL ALASKA (1)
<AEIC>.

TRF 0.58 34 iP 55 37.53 -0.5
eS 55 51.89
KTH 0.58 4 iP 55 37.68 -0.2
eS 55 51.09
HUR 0.63 89 eP 55 37.64 -0.5
eS 55 51.54
SKT 1.03 194 iP 55 41.39 -0.4
eS 55 58.12
RND 1.07 65 iP 55 41.72 -0.5
eS 55 58.28
MCK 1.20 50 iP 55 43.20 -0.4
PWA 1.43 158 P 55 45.90 -0.2
SUA 1.52 175 eP 55 47.04 -0.3
eS 56 09.29
GHO 1.55 140 iP 55 47.34 -0.3
PLRM 1.64 147 iP 55 47.86 -0.8
NGC 1.67 199 eP 55 48.65 -0.5
SML 1.71 132 eP 55 48.76 -0.8
CGLM 1.74 196 eP 55 50.27 0.3
NEA 1.82 27 eP 55 49.80 -1.1
eS 56 12.24
BGL 1.84 201 eP 55 51.70 0.5
PMS 1.87 158 P 55 50.70 -0.8
SPU 1.87 196 eP 55 50.87 -0.6
CKT 1.87 198 eP 55 51.74 0.2
CKL 1.89 200 eP 55 51.64 -0.3
KNK 1.98 142 iP 55 51.86 -1.0
WRH 1.99 40 iP 55 51.97 -0.9
BKG 2.00 198 eP 55 52.85 -0.4
eS 56 18.45
SCM 2.06 122 iP 55 52.83 -1.2
MLY 2.07 3 eP 55 53.12 -0.9
CCB 2.20 39 eP 55 54.58 -1.0
NKA 2.24 183 P 55 58.70 2.5
TTA 2.29 271 P 55 56.20 -0.7
HDA 2.31 50 eP 55 55.84 -1.2
PTE 2.32 155 eP 55 55.90 -1.3
MDM 2.34 30 eP 55 56.42 -1.1
FBA 2.40 35 P 55 57.20 -1.0
TOA 2.41 109 P 55 57.90 -0.5
THY 2.42 77 eP 55 59.43 0.8
RDT 2.50 196 eP 55 59.55 -0.1
SLKM 2.51 171 eP 55 58.87 -0.8
DFR 2.52 199 eP 55 59.44 -0.5
PAX 2.53 88 eP 55 59.55 -0.5
SDG 2.56 98 eP 55 59.70 -0.7
GLM 2.57 37 iP 55 59.61 -1.0
NCT 2.59 201 eP 56 00.82 -0.1
DJE 2.61 64 eP 56 00.26 -0.8
MPA 2.62 162 eP 55 59.76 -1.3
RDW 2.65 200 eP 56 01.64 -0.1
RED 2.70 199 eP 56 03.21 0.9
TZL 2.76 107 eP 56 02.53 -0.4
GLI 2.80 137 eP 56 02.08 -1.5

KLU 2.81 120 iP 56 01.84 -1.9
SVW 2.87 231 P 56 04.00 -0.5
VLZ 2.88 128 iP 56 02.34 -2.2
SEW 2.98 165 eP 56 04.88 -1.0
KNIM 3.07 148 iP 56 04.62 -2.5
FID 3.10 134 eP 56 05.57 -2.0
DOT 3.21 75 eP 56 07.68 -1.3
JMA 3.31 341 P 56 09.10 -1.4
LTI 3.31 151 eP 56 02.04 -8.3
HOM 3.34 186 eP 56 10.55 -0.3
HIN 3.36 138 eP 56 09.17 -2.0
MTU 3.40 150 eP 56 09.79 -1.9
CNPM 3.47 182 iP 56 11.77 -0.7
CVA 3.49 132 eP 56 11.10 -1.7
PDB 3.55 207 eP 56 13.47 -0.1
GLB 3.71 111 eP 56 14.13 -1.7
SGAM 3.71 129 eP 56 13.55 -2.3
AUL 3.79 199 P 56 19.20 2.3
RAGM 3.98 128 eP 56 16.71 -2.8
HMT 4.17 126 eP 56 19.46 -2.5
CDD 4.26 199 eP 56 24.36 1.1
CROM 4.34 117 eP 56 22.69 -1.8
SYJ 4.43 189 eP 56 25.21 -0.3
TGL 4.47 116 eP 56 23.90 -2.3
BALM 4.52 112 iP 56 24.61 -2.3
WAX 4.64 119 eP 56 27.27 -1.1
SNH 4.81 122 eP 56 28.97 -1.7
CTGM 4.99 110 eP 56 31.68 -1.7
YAH 5.13 117 eP 56 33.03 -2.3

75 abs. associated

& OCT 18, 1992 12h 01m 04.15s
60.726 N 146.410 W

DEPTH = 22.5km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.6 (AEIC).

FID 0.04 305 iPc 01 08.57 0.4
eS 01 12.76
HIN 0.33 188 ePd 01 10.94 -0.6
eS 01 17.12
VZW 0.34 348 eP 01 11.06 -0.6
GLI 0.37 295 iPc 01 11.38 -0.7
eS 01 17.63
CVA 0.37 119 iPc 01 11.47 -0.6
VLZ 0.41 5 iPd 01 12.00 -0.7
eS 01 18.73
SGAM 0.63 110 iPc 01 15.44 -1.1
KNIM 0.76 241 iPc 01 17.32 -1.2
eS 01 28.10
KLU 0.81 17 iPd 01 18.05 -1.4
eS 01 29.72
RAGM 0.92 111 iPc 01 20.30 -1.1
MTU 0.96 220 ePd 01 20.69 -1.4
HMT 1.13 109 iPc 01 22.94 -1.7
SCM 1.20 339 ePc 01 24.36 -1.3
KNK 1.21 306 iPc 01 25.06 -0.7
KAIM 1.28 128 eP 01 25.42 -1.2
PTE 1.29 277 iPc 01 25.97 -0.8
MID 1.30 178 P 01 26.30 -0.7
TOA 1.39 5 P 01 27.70 -0.6
TZL 1.41 19 eP 01 28.17 -0.3
SML 1.43 320 iPc 01 28.34 -0.5
GLB 1.45 59 iPc 01 27.94 -1.3
eS 01 46.62
MPA 1.47 262 iPc 01 28.42 -1.1
eS 01 47.77
PLRM 1.58 305 iPc 01 30.51 -0.5
PMR 1.58 305 eP 01 30.80 -0.2
GHO 1.61 312 iPc 01 31.04 -0.5
CROM 1.61 87 ePc 01 30.06 -1.6
PMS 1.62 290 P 01 30.80 -0.9
SEW 1.63 249 iPd 01 30.13 -1.6
eS 01 50.20
TGL 1.76 87 eP 01 32.08 -1.7
WAX 1.78 97 eP 01 31.69 -2.3
SNH 1.85 106 eP 01 33.76 -1.3
SDG 1.85 13 iPd 01 34.50 -0.5
SLKM 1.89 265 ePc 01 34.26 -1.3
PWA 1.92 300 P 01 35.20 -0.7
BALM 2.01 79 ePc 01 35.55 -1.9
CYK 2.05 107 eP 01 37.45 -0.4
SUA 2.23 291 eP 01 39.14 -1.4
WRG 2.28 106 eP 01 41.77 0.6
PAX 2.30 11 eP 01 41.23 -0.2
YAH 2.33 97 eP 01 40.08 -2.0
NKA 2.37 273 P 01 44.70 2.3

CTGM 2.50 82 eP 01 42.89 -1.5
CNPM 2.70 246 eP 01 44.91 -2.2
SKT 2.77 299 eP 01 46.89 -1.2
CGLM 2.79 285 eP 01 47.66 -0.7
SPU 2.79 282 eP 01 46.68 -1.7
NCG 2.88 286 eP 01 48.82 -0.8
BKG 2.88 279 eP 01 47.91 -1.8
CKL 2.93 282 eP 01 49.21 -1.2
RDT 2.96 270 eP 01 48.20 -2.6
BGL 2.96 283 eP 01 49.54 -1.3
DFR 3.09 270 eP 01 49.73 -3.0
REF 3.11 268 eP 01 50.73 -2.4
RS2 3.14 268 eP 01 51.88 -1.7
RS1 3.14 268 eP 01 51.62 -1.9
RED 3.16 267 eP 01 51.31 -2.3
RDW 3.17 268 eP 01 51.89 -2.0
NCT 3.22 270 eP 01 52.17 -2.3

58 abs. associated

& OCT 18, 1992 12h 23m 25.86s
57.091 N 154.046 W
DEPTH = 38.6km
KODIAK ISLAND REGION (13)
<AEIC>. ML 3.4 (AEIC).

KDC 1.07 51 eP 23 43.21 -1.3
SYJ 1.76 29 iP 23 53.10 -1.3
CDD 1.86 6 eP 23 54.94 -0.9
MCNL 2.11 356 iP 23 57.67 -1.7
AUI 2.27 8 eP 24 00.57 -1.2
eS 24 06.50
AUM 2.30 8 iP 24 01.24 -1.0
AUP 2.30 8 iP 24 01.18 -1.1
AUE 2.30 9 eP 24 00.96 -1.2
AUW 2.31 7 iP 24 01.32 -0.9
AUL 2.32 8 eP 24 01.77 -0.7
OPT 2.61 9 eP 24 05.13 -1.4
PDB 2.71 358 iP 24 05.73 -2.2
eS 24 35.42
CNPM 2.86 30 eP 24 08.28 -1.8
HOM 2.87 25 eP 24 10.12 -0.1
INW 3.02 9 eP 24 10.31 -2.2
BRK 3.15 30 eP 24 13.19 -1.1
RS1 3.45 11 iP 24 16.98 -1.6
RS2 3.45 11 iP 24 17.01 -1.7
RSO 3.45 11 iP 24 16.97 -1.7
RDW 3.46 10 iP 24 16.58 -2.3
REF 3.48 11 eP 24 16.82 -2.3
NCT 3.53 9 iP 24 17.53 -2.2
DFR 3.58 11 iP 24 18.26 -2.2
RDT 3.60 13 eP 24 17.99 -2.6
SEW 3.86 37 eP 24 20.76 -3.5
NKA 3.94 20 eP 24 25.04 -0.4
SLKM 3.96 29 eP 24 22.71 -3.1
SDN 4.01 247 eP 24 23.45 -2.9
BKG 4.10 12 eP 24 25.07 -2.7
SVW 4.11 349 eP 24 24.61 -3.3
MPA 4.19 34 eP 24 25.73 -3.2
CKL 4.21 11 eP 24 26.48 -2.9
CKT 4.23 12 eP 24 26.98 -2.6
SPU 4.23 13 eP 24 25.93 -3.6
S 25 12.85
BGL 4.27 11 eP 24 27.87 -2.3
CGLM 4.36 13 eP 24 28.60 -2.8
NCG 4.43 12 eP 24 29.66 -2.9
PTE 4.59 32 eP 24 31.38 -3.2
KNIM 4.64 43 eP 24 32.09 -3.2
SUA 4.70 20 eP 24 33.80 -2.6
PMS 4.76 27 P 24 34.00 -3.1
PWA 5.05 23 P 24 39.00 -2.0
HIN 5.14 47 eP 24 38.31 -4.1
PLRM 5.17 27 eP 24 39.24 -3.5
PMR 5.17 27 (P) 24 42.24 -0.5
KNK 5.20 31 eP 24 39.35 -3.9
GLI 5.23 41 eP 24 39.17 -4.5
FID 5.37 44 eP 24 41.17 -4.4
CVA 5.53 48 eP 24 43.64 -4.2
VLZ 5.67 41 eP 24 46.17 -3.7
SGAM 5.73 50 eP 24 46.79 -3.8
KLU 6.07 40 eP 24 51.44 -4.1
BALM 7.21 52 eP 25 07.01 -4.6
JMA 9.01 1 (P) 25 27.07 -9.5

54 abs. associated

? OCT 18, 1992 12h 29m 16.79±6.14s
39.564 N ±37.6km 30.246 E ±29.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

GPA 0.73 4 ePg 29 31.00 -0.1
 EYL 1.00 356 ePn 29 36.00 0.1
 YLV 1.21 326 ePn 29 39.30 0.0
 HRT 1.33 341 ePn 29 41.30 -0.1
 KCT 1.61 296 iPn 29 45.30 0.0
 S.D. = 0.1 on 5 of 5 obs.

* OCT 18, 1992 12h 40m 56.33±2.01s
 6.069 S ±16.4km 147.623 E ±21.6km
 DEPTH = 109.7 ± 11.7 km
 4.0mb (1 obs.)

EASTERN NEW GUINEA REG., P.N.G. (207)

FINC 0.59 157 ePd 41 14.40 0.4
 LAT 0.86 226 iPc 41 16.20 -0.1
 YYY 1.65 264 eP 41 26.30 0.7
 MDG 2.01 294 eP 41 29.30 -0.6
 PMG 3.35 188 eP 41 47.00 -0.8
 WWKK 4.67 301 eP 42 05.70 -0.1
 ASPA 21.92 216 eP 45 42.30 0.4
 S.D. = 0.8 on 7 of 7 obs.

OCT 18, 1992 12h 41m 41.14±0.70s
 40.347 S ± 7.7km 173.312 E ± 9.1km
 DEPTH = 160.0km (geophysicist)

COOK STRAIT, NEW ZEALAND (163)

DIW 0.65 135 P 42 05.80 1.1
 ORZ 0.77 231 P 42 06.50 1.1
 NRZ 1.12 26 P 42 10.00 1.9
 TCW 1.13 140 P 42 09.40 1.2
 KIW 1.32 113 P 42 10.90 0.9
 BSZ 1.36 67 P 42 11.70 1.4
 MRW 1.38 130 P 42 11.50 1.0
 THZ 1.45 192 P 42 11.80 0.5
 WEL 1.45 131 P 42 12.10 0.9
 CAW 1.54 120 P 42 12.80 0.6
 DSZ 1.81 219 Pc 42 15.40 0.3
 MOW 1.82 127 P 42 15.60 0.4
 MTW 1.85 117 P 42 16.00 0.4
 BLW 1.93 123 P 42 16.50 0.0
 CNZ 2.07 57 P 42 18.40 0.2
 KHZ 2.08 175 Pc 42 18.30 0.2
 NGZ 2.12 57 P 42 18.90 0.1
 MOZ 2.17 33 P 42 19.60 0.4
 PGZ 2.28 98 P 42 20.50 0.1
 WAHZ 2.42 75 P 42 22.10 -0.2
 LTZ 2.56 197 P 42 23.30 -0.6
 TTZ 4.22 80 eS 42 52.80
 THZ 2.82 75 eP 42 27.10 0.0
 WHH 2.86 60 P 42 26.80 -0.9
 MOH 3.20 69 eP 42 31.30 -0.6
 PAHZ 3.25 64 P 42 32.10 -0.5
 MQZ 3.39 188 P 42 32.00 -2.4
 NOZ 4.04 66 eP 42 40.40 -2.4
 HBZ 4.76 56 eP 42 49.90 -2.4
 ODZ 5.09 202 eP 42 54.20 -2.4
 S.D. = 1.2 on 29 of 29 obs.

OCT 18, 1992 12h 43m 09.19±0.37s
 9.268 S ±10.2km 78.722 W ±12.4km
 DEPTH = 47.8km (6 depth phases)
 5.0mb (16 obs.) 5.2Msz (6 obs.)

NEAR COAST OF NORTHERN PERU (109)
 Felt (11) at Casmo and Chimbote.
 Also felt at Borranca, Huacho,
 Huarmey and Lima.

NNA 3.27 146 iPc 44 00.50 1.2
 ARE 10.04 136 eP 45 40.00 6.0X
 ZOBO 12.46 125 P 46 05.70 -1.4
 LPB 12.62 126 P 46 14.00 5.0X
 CCH 14.65 125 P 46 35.00 -0.6
 PPD 29.22 119 eP 49 07.80 -1.1

PRM 43.25 356 eP 51 07.79 0.1
 JSC 43.37 357 eP 51 08.48 -0.1
 CEH 44.92 360 P 51 30.00 8.9X
 Z 22s 0.33um 4.2MszX
 UYO 45.70 342 iPc 51 28.00 0.6
 MIAR 45.79 343 eP 51 28.59 0.5
 0.7s 7.86nm 4.7mb
 OLY 46.13 346 eP 51 30.65 0.0
 ELC 47.34 349 eP 51 49.81 9.5X
 MEO 47.68 338 iPc 51 42.50 -0.5
 RLO 47.73 342 eP 51 43.70 0.4
 TUL 47.73 341 ePc 51 43.50 0.1
 0.6s 19.60nm 5.3mb
 LNO 47.73 341 eP 51 43.40 0.2
 FVM 48.26 348 eP 51 47.25 -0.2
 0.9s 17.18nm 5.1mb
 ALQ 51.20 331 iP 52 10.22 0.0
 0.7s 2.93nm 4.4mb
 TUC 51.44 325 eP 52 11.77 -0.2
 0.8s 3.29nm 4.4mb
 JFWS 52.99 349 P 52 25.04 49km
 Z 22s 0.14um 4.0MszX
 RSNY 53.70 4 P 52 40.00 11.6X
 Z 25s 0.06um 3.5MszX
 GOL 54.63 335 eP 52 35.17 -0.6
 1.0s 6.54nm 4.6mb
 SRU 56.48 331 eP 52 48.47 -0.6
 MSU 56.85 329 eP 52 51.60 -0.1
 53 04.68 47km
 ARUT 56.96 327 eP 52 52.63 0.2
 53 06.02 48km
 DUG 58.44 330 eP 53 03.28 0.5
 0.8s 5.56nm 4.7mb
 BONR 59.77 324 (P) 53 06.12 -6.1X
 MEMM 59.95 324 eP 53 13.75 0.8
 HHAI 60.62 332 eP 53 16.69 -1.0
 CMB 61.04 323 P 53 30.00 9.5X
 Z 20s 0.32um 4.5MszX
 LRM 62.63 334 eP 53 30.80 -0.5
 ORV 62.70 324 iP 53 31.84 0.3
 53 44.02 42km
 WDC 63.97 324 P 53 50.00 10.1X
 Z 20s 0.13um 4.1MszX
 LBFM 64.10 325 (P) 53 40.11 -0.9
 53 54.17 50km
 SES 65.73 338 ePc 53 50.50 -0.7
 0.5s 18.00nm 5.4mb
 LIC 75.03 81 P 54 05.00 52km
 1.0s 12.00nm 4.8mb
 KIC 75.34 81 P 54 51.04 1.1
 0.7s 15.00nm 5.1mb
 YKA 76.72 344 eP 54 55.70 -1.1
 0.7s 4.50nm 4.6mb
 AVE 79.77 54 eP 55 16.00 1.9
 SIT 80.63 332 P 55 30.00 11.9X
 Z 20s 1.84um 5.4MszX
 SPA 80.79 180 iPc 55 20.20 1.1
 1.0s 14.50nm 4.9mb
 NVL 81.50 160 eP 55 22.00 -0.5
 HON 83.49 293 P 55 40.00 6.3X
 Z 20s 3.07um 5.7MszX
 KLU 87.53 334 eP 55 52.69 -0.3
 TOA 87.89 334 eP 55 55.40 0.7
 MBC 88.63 351 ePc 55 58.60 0.7
 0.8s 12.00nm 5.2mb
 PMR 88.98 333 P 56 10.00 10.2X
 Z 20s 0.76um 5.1MszX
 FBA 89.67 337 eP 56 02.49 -0.6
 0.9s 13.38nm 5.3mb
 IMA 92.38 337 eP 56 15.80 0.1
 0.8s 6.90nm 5.1mb
 DAG 92.40 12 iPc 56 16.10 0.7
 0.7s 10.27nm 5.4mb
 SMY 107.71 322 PKP 01 40.00 7.4X
 Z 19s 2.55um 5.8MszX
 WMQ 143.60 17 PKP 02 38.00 -2.8
 DL2 145.31 332 PKP 02 42.00 -1.7
 BJI 146.60 339 ePKP 02 45.50 -0.3
 HHC 147.25 345 ePKP 02 49.00 2.0
 BTO 147.85 347 ePKP 02 50.00 2.1
 TIY 149.94 342 PKPc 02 55.80 4.6X
 GTA 149.96 2 PKP 02 56.50 5.2X
 NDI 150.27 46 ePKP 02 53.00 1.1
 GKN 155.65 38 PKP 02 59.20 -0.5
 S.D. = 1.0 on 46 of 61 obs.

% OCT 18, 1992 12h 45m 47.97±0.93s
 39.127 N ± 7.1km 27.555 E ±11.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.76 198 iPg 46 02.90 0.0
 ISG 46 15.90
 EZN 1.18 307 ePn 46 10.00 0.0
 EDC 1.24 11 ePn 46 11.00 0.0
 BNT 1.26 13 ePn 46 11.30 -0.1
 KCT 1.28 29 iPn 46 11.80 0.1
 S.D. = 0.1 on 5 of 5 obs.

* OCT 18, 1992 12h 54m 26.13±0.55s
 55.231 S ± 7.8km 145.889 E ±21.2km
 DEPTH = 10.0km (geophysicist)
 5.1mb (11 obs.)

WEST OF MACQUARIE ISLAND (701)

TOO 17.67 359 eP 58 34.20 0.5
 1.4s 150.00nm 4.9mb
 CAN 20.03 7 eP 58 59.90 -1.9
 CNB 20.06 8 eP 59 03.20 1.0
 1.1s 105.00nm 5.1mb
 CSY 20.19 223 eP 59 02.70 -0.5
 0.7s 35.30nm 4.8mb
 BWA 20.88 6 eP 59 11.80 1.1
 i 59 16.20
 SNZO 23.49 66 eP 59 28.00 -8.5X
 S 03 46.00
 STK 23.54 351 eP 59 40.10 3.1X
 1.1s 10.10nm 4.3mb
 SBA 23.87 169 ePc 59 41.50 1.6
 BRS 28.26 13 eP 00 19.00 -2.3
 Z 18s 73.00um 6.3MszX
 OLP 28.65 357 eP 00 26.80 2.1
 0.9s 44.00nm 5.2mb
 RMO 28.79 5 eP 00 26.70 0.6
 1.0s 44.00nm 5.2mb
 ASPA 32.76 339 eP 01 02.70 1.5
 1.0s 35.80nm 5.3mb
 SPA 34.95 180 ePc 01 20.40 0.4
 1.0s 40.00nm 5.2mb
 Z 16s 4.00um 5.3MszX
 CTA 35.09 1 iPd 01 20.00 -1.3
 1.5s 34.72nm 5.0mb
 e 05 45.00
 e 08 59.00
 DZM 36.51 33 iPc 01 31.60 -1.8
 MBL 39.24 320 eP 01 56.40 0.2
 NVL 50.11 198 eP 03 20.00 -2.6
 1.0s 30.00nm 5.2mb
 Z 18s 11.00um 5.9MszX
 E 18s 8.50um
 4.50um
 e 03 27.00
 e 03 31.00
 ePP 05 17.00
 eS 10 44.00
 SNA 52.69 193 iPd 03 42.00 -0.2
 1.0s 36.00nm 5.3mb
 CRZF 55.66 237 eP 04 21.00 16.7X
 eS 12 12.00
 eSS 15 59.00
 SLR 83.42 234 eP 06 55.00 0.0
 MDZ 87.32 151 eP 07 15.90 1.7
 GBA 89.26 295 P 07 35.00 11.6X
 MAT 91.64 354 eP 07 37.00 3.0X
 MSU 126.96 74 ePKPc 13 32.79 1.3
 e 13 42.76
 M8C 143.82 24 ePKP 14 00.50 -0.8
 1.4s 22.00nm
 SPC 146.89 283 ePKP 14 11.40 3.9X
 e 27 16.30
 e 27 28.60
 SRO 147.24 279 ePKP 14 11.30 3.5X
 PTJ 147.51 275 ePKP 14 07.90 -0.5
 OJC 147.67 284 ePKP 14 14.40 6.0X
 e 14 17.00
 ANTZ 148.06 223 iPKPd 14 14.00 4.3X
 KAF 148.91 308 iPKP 14 18.30 8.3X
 0.5s 3.80nm
 NUR 149.24 304 ePKP 14 20.00 9.4X

18d 13h

1.0s 17.60nm
 KEV 149.85 323 iPKP 14 26.00 14.8X
 KSP 149.92 283 ePKP 14 19.00 7.1X
 GEC2 150.40 278 PKP 14 18.70 5.8X
 1.1s 8.24nm
 PRU 150.49 280 PKP 14 21.00 8.2X
 15 12.00
 OGA 150.87 272 ePKP 14 21.50 7.7X
 BRG 151.25 282 ePKP 14 21.00 7.1X
 14 29.20
 CLL 151.98 282 iPKPd 14 24.00 9.0X
 1.4s 20.00nm
 GRF 152.23 278 ePKPc 14 24.80 9.4X
 LPG 152.54 266 ePKP 14 23.30 6.9X
 1.1s 13.65nm
 LPL 152.57 266 ePKP 14 23.40 7.1X
 S.D. = 1.5 on 21 of 42 obs.

* OCT 18, 1992 13h 04m 27.27±0.88s
 11.856 N ±13.0km 87.374 W ±13.4km
 DEPTH = 33.0km (normal)
 4.4mb (7 obs.)
 NEAR COAST OF NICARAGUA (74)

PRM 22.59 11 eP 09 27.17 0.9
 JSC 23.01 13 eP 09 31.33 1.0
 UYO 23.13 345 iPc 09 31.70 0.2
 MIAR 23.28 347 eP 09 33.27 0.3
 0.7s 15.35nm 4.6mb
 LHS 23.30 14 eP 09 33.71 0.6
 VVO 24.58 343 iPc 09 47.20 1.7
 MEO 25.00 338 iPd 09 48.20 -1.4
 LNO 25.13 344 eP 09 49.30 -1.4
 RLO 25.17 345 ePc 09 51.00 -0.2
 ELC 25.38 357 eP 09 51.95 -1.1
 ALQ 28.79 326 eP 10 24.99 0.4
 0.8s 1.88nm 3.8mb
 TUC 29.62 317 (P) 10 33.32 1.3
 1.3s 6.04nm 4.2mb
 GOL 31.99 333 ePd 10 52.92 0.0
 0.8s 4.32nm 4.4mb
 PV10 32.72 328 eP 10 59.59 0.2
 SRU 34.05 327 eP 11 10.38 -0.4
 MSU 34.54 325 eP 11 15.98 0.9
 EMUT 34.72 327 eP 11 16.95 0.3
 ARUT 34.79 322 eP 11 18.38 1.2
 DAU 35.38 328 eP 11 22.70 0.3
 BW06 36.34 332 eP 11 29.50 -0.8
 1.0s 5.33nm 4.4mb
 PTI 37.75 330 (P) 11 42.93 0.8
 SIV 37.98 136 P 11 44.20 0.1
 HHA1 38.07 330 eP 11 44.76 0.0
 ULM 38.92 351 eP 11 51.50 0.0
 LRM 40.01 333 eP 12 00.60 -0.4
 SES 43.06 338 eP 12 25.00 -0.7
 NEW 43.96 331 eP 12 32.00 -1.0
 0.7s 6.00nm 4.5mb
 DPW 44.20 330 eP 12 34.68 -0.3
 YKA 54.20 345 eP 13 49.30 -2.3
 0.7s 3.70nm 4.5mb
 S.D. = 1.0 on 29 of 29 obs.

OCT 18, 1992 13h 08m 54.74±0.11s
 6.279 S ±2.7km 130.214 E ±3.2km
 DEPTH = 118.9km (geophysicist)
 5.8mb (83 obs.)

BANDA SEA (280)

Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=310 Dip=70 Slip= 138
 NP2: 57 51 26
 Principal Axes:
 T P1g=43 Azm=266
 P 12 8
 Comment: The focal mechanism is
 moderately well controlled and
 corresponds to strike-slip
 faulting with a large reverse
 component. The preferred fault
 plane is not determined.

RADIATED ENERGY
 No. of sta: 13 Focal mech. F
 Energy 1.1±0.2*10**13 Nm
 MOMENT TENSOR SOLUTION
 Dep 141 No. of sta: 13
 Moment Tensor; Scale 10**18 Nm

Mrr= 0.94 Mtt=-2.04
 Mff= 1.10 Mrt=-0.64
 Mrf= 1.02 Mtf=-0.56
 Principal axes:
 T Val= 2.21 P1g=42 Azm=255
 N 0.00 46 93
 P -2.21 9 353
 Best Double Couple:Mo=2.2*10**18
 NP1:Strike= 43 Dip=54 Slip= 27
 NP2: 297 69 141
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 35S, 90C
 Centroid Location:
 Origin Time 13:09: 0.9 0.3
 Lat 6.30S 0.02 Lon 130.09E 0.02
 Dep 135.9 0.8 Half-duration 2.9
 Moment Tensor; Scale 10**18 Nm
 Mrr= 0.93 0.04 Mtt=-1.93 0.04
 Mff= 1.00 0.05 Mrt=-0.50 0.03
 Mrf= 0.91 0.04 Mtf= 0.11 0.05
 Principal Axes:
 T Val= 1.90 P1g=45 Azm=264
 N 0.14 43 106
 P -2.04 11 5
 Best Double Couple:Mo=2.0*10**18
 NP1:Strike= 56 Dip=51 Slip= 28
 NP2: 307 69 137

MTN 6.59 172 eP 10 28.70 -1.9
 MKS 10.74 275 iPc 11 30.50 4.0X
 JAY 11.11 71 ePd 11 30.20 -1.2
 1.0s 762.80nm 6.4mb
 MNDI 13.37 90 iPd 12 02.00 0.8
 24 20.00
 WWKK 13.62 79 eP 12 03.50 -0.7
 BIP 14.94 345 ePc 12 20.00 -1.0
 MDG 15.52 87 eP 12 30.60 2.2
 CGP 15.64 339 iPc 12 30.00 0.2
 13 28.00
 YYYY 15.66 91 eP 12 33.10 2.8
 TSM 16.19 310 eP 12 40.50 3.8X
 LAT 16.69 92 eP 12 43.30 0.4
 13 04.20
 QIS 16.87 148 iPd 12 41.10 -4.0X
 PMG 17.07 102 eP 12 46.00 -1.6
 15 44.00
 MAP 17.62 339 ePc 12 56.00 1.7
 ASPA 17.65 169 ePd 12 51.00 -3.7X
 1.5s 6319.40nm 6.7mb
 Z 19s 24.20um 4.6msz
 15 54.10
 MBL 17.89 213 iPd 12 56.10 -1.5
 PLP 18.09 343 ePd 13 00.50 0.5
 KKM 18.58 311 ePc 13 06.00 0.5
 1.1s 1049.00nm 6.1mb
 13 32.50
 16 22.50
 PPR 19.63 324 iPd 13 12.00 -4.4X
 14 06.00
 WARB 20.09 189 iPd 13 20.80 -0.4
 CTA 20.76 133 iPd 13 28.20 0.2
 0.7s 171.23nm 5.5mb
 13 50.00 110kmX
 17 02.00
 NANU 21.51 220 iPc 13 35.80 0.4
 RAB 21.95 86 iPc 13 40.20 0.3
 1.0s 240.00nm 5.5mb
 16 24.00
 TGY 22.24 336 ePd 13 41.50 -1.2
 QVP 22.69 336 eP 13 50.20 3.3X
 MEEK 23.07 207 eP 13 50.50 -0.1
 0.3s 95.00nm 5.6mb
 18 06.00
 QLP 24.21 148 iPd 14 02.10 0.4
 18 31.00
 FORT 24.46 184 eP 14 04.00 0.1
 BCP 24.47 337 eP 14 06.00 1.9
 GUMO 24.52 36 eP 14 03.94 -0.7
 1.1s 1092.40nm 6.2mb
 Z 29s 6.55um 5.0mszX
 PJG 24.52 36 eP 14 04.20 -0.4
 MRWA 26.48 209 iPc 14 22.00 -0.6
 0.4s 79.00nm 5.6mb
 19 23.00
 RMQ 26.76 141 iPd 14 24.70 -0.6
 19 37.90

BAL 27.33 206 iPc 14 29.70 -0.6
 0.4s 84.00nm 5.7mb
 e 15 04.00 166kmX
 eS 19 42.00
 STK 27.60 159 iPd 14 32.00 -0.8
 0.7s 103.20nm 5.6mb
 iPP 15 00.00 132kmX
 eS 19 18.30
 KLB 27.75 203 iPc 14 33.60 -0.6
 0.4s 82.00nm 5.7mb
 eS 19 54.00
 KGM 28.09 286 ePd 14 36.90 -0.5
 0.8s 83.40nm 5.5mb
 e 14 52.10 63kmX
 MUN 28.72 205 iPc 14 42.30 -0.6
 0.9s 177.00nm 5.7mb
 eS 20 13.00
 SVO 29.47 97 eP 14 54.00 4.3X
 ADE 29.60 166 iPd 14 50.70 -0.1
 KLM 30.01 287 eP 14 52.00 -2.5
 IPM 31.07 290 ePc 15 02.40 -1.5
 0.6s 75.30nm 5.6mb
 ARMA 31.33 143 iPc 15 06.20 0.1
 0.9s 62.00nm 5.4mb
 QIZ 32.18 322 P 15 13.00 -0.4
 1.4s 260.00nm 5.8mb
 N 15s 5.42um
 E 14s 4.42um
 BWA 32.67 151 iPd 15 19.00 1.3
 i 15 52.00 154kmX
 QZH 33.03 340 iPd 15 21.00 0.2
 1.2s 110.00nm 5.5mb
 Z 23s 3.56um 5.0mszX
 N 10s 2.21um
 SP 15 55.00
 GZH 33.52 331 P 15 25.00 0.0
 RIV 33.59 147 eP 15 27.00 1.5
 eS 20 41.00
 CAN 33.68 152 iPd 15 26.80 0.4
 e 15 59.30 151kmX
 CNB 33.85 151 eP 15 28.30 0.4
 0.9s 111.00nm 5.7mb
 e 16 32.20 328kmX
 KHT 37.70 304 iPc 16 00.80 0.3
 SSE 38.15 347 Pd 16 04.50 0.4
 1.2s 270.00nm 6.0mb
 Z 22s 2.90um 5.0msz
 N 12s 0.80um
 E 11s 1.20um
 pP 16 32.00 122kmX
 sP 16 44.00
 PP 17 32.00
 S 21 44.00
 eS 22 32.00
 ScS 26 00.00
 DZM 38.33 118 iPc 16 05.60 -0.3
 NJ2 39.62 345 iPd 16 18.00 1.7
 1.3s 260.00nm 5.9mb
 pP 16 45.00 119kmX
 ScP 21 57.00
 iS 22 08.00
 ScS 26 10.00
 WHN 39.64 338 Pc 16 18.50 2.0
 1.0s 180.00nm 5.8mb
 iScP 21 57.00
 iS 22 08.00
 sS 22 58.00
 GYA 39.76 326 iPc 16 18.00 0.4
 0.8s 56.00nm 5.4mb
 Z 18s 5.60um 5.4msz
 N 12s 2.97um
 E 12s 2.06um
 sP 16 58.00
 PP 17 54.00
 ScP 21 59.00
 SS 25 03.00
 ScS 26 10.00
 SHK 40.66 3 ePd 16 24.90 0.2
 KMI 41.09 320 ePc 16 29.72 1.0
 1.5s 310.00nm 5.8mb
 Z 24s 6.60um 5.4mszX
 N 12s 1.10um
 E 12s 1.70um
 esPd 17 10.94
 ScP 22 04.50
 ENH 41.42 332 eP 16 29.19 -1.9
 ec 17 30.10 299kmX

[illegible]

	E	24s		1.10um				
				e	26	08.00		
				ePPP	28	24.00		
				e	32	40.00		
				iSS	40	06.00		
SNA	97.21	195	e(P)	22	10.50	-4.2X		
	1.0s	36.00nm				5.8mb		
BHL	97.24	303	P	22	14.00	-1.6		
			SKS	32	40.00			
SIT	97.66	33	P	22	30.00	13.2X		
Z	20s							
				1.84um		5.6Msz		
SLR	97.96	243	iPc	22	17.50	-1.6		
	1.3s	23.08nm				5.5mb		
KRI	98.27	252	iPd	22	21.70	1.1		
CSS	99.20	304	eP	22	31.00	6.6X		
KIM	100.39	239	iPd iff	22	29.50	-0.6		
MBC	100.87	13	ePd iff	22	30.50	-0.4		
LWI	101.09	266	ePd iff	22	32.70	-1.0		
KAF	102.02	332	iPd iff	22	34.10	-2.2		
VRI	103.87	316	ePd iff	22	35.50	-9.5X		
MLR	104.45	315	ePd iff	22	48.50	0.7		
UPP	106.65	331	iPd iff	22	55.10	-1.8		
YKA	107.01	26	ePKP	27	07.10	-0.6		
	0.7s	3.30nm						
LBFM	107.55	49 (PKP)	ePd iff	27	07.47	-2.2		
HFS	108.43	332	ePd iff	23	03.00	-1.9		
	0.5s	1.50nm				5.5mb		
Z	19s	751.00um				8.3Msz X		
			LR	09	28.00			
HFS	108.43	332	ePd iff	23	10.00	5.9X		
	1.1s	126.40nm				7.0mb X		
Z	16s	569.00um				8.2Msz X		
			LR	26	52.00			
NB2	109.24	333	Pd iff	23	07.00	-1.5		
	0.9s	6.60nm						
BCH	109.68	55 (PKP)	ePKP	27	15.03	1.3		
PRU	111.16	321	PKP	27	15.50	-0.4		
Z	19s	0.80um				5.3Msz		
			e	28	02.00			
			e	37	11.00			
CLL	111.71	323	iPKPc	27	16.00	-0.9		
	1.5s	17.00nm						
			e	28	05.00			
			e	38	18.00			
VBY	111.85	317	ePKP	27	15.00	-2.4		
			epPKP	27	47.10			
BCAO	111.99	272	iPd iff	23	21.70	-0.1		
	1.2s	14.00nm						
			id	26	45.00			
			ic	27	18.00			
			ic	28	02.00			
KHC	112.00	321	ePKP	27	17.40	-0.2		
	1.4s	11.70nm						
Z	20s	1.30um				5.5Msz		
N	20s	0.40um						
E	20s	0.80um						
			e	27	25.00			
			e	28	08.50			
GEC2	112.01	320	PKP	27	17.10	-0.6		
	0.5s	2.80nm						
GSC	112.33	54	(Pd iff	23	27.24	4.3X		
TPNV	112.52	53	PKP	27	30.00	10.0X		
Z	22s	2.97um				5.8Msz		
PLM	112.55	57	(Pd iff	23	20.51	-3.6X		
MOX	112.75	323	ePKP	27	18.60	-0.3		
Z	19s	0.80um				5.3Msz		
N	22s	1.00um						
E	22s	0.90um			</			

LPG	117.56	319	ePKP	27	28.20	-0.5	OLY	131.96	47	ePKP	27	56.34	0.2	and Valencia, Venezuela. Also felt on Aruba. Landslides occurred in the epicentral area. Liquefaction was observed in the Murindo area and as far north as Apartado. A small island emerged from the Caribbean Sea off San Juan de Uraba. Complex event observed on broadband displacement seismograms. FAULT PLANE SOLUTION: P-Waves NP1:Strike= 10 Dip=80 Slip= 15 NP2: 277 75 170 Principal Axes: T P1g=18 Azm=234 P 3 143 Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined. RADIATED ENERGY No. of sta: 16 Focal mech. F Energy 3.3±0.6*10**15 Nm MOMENT TENSOR SOLUTION Dep 11 No. of sta: 16 Moment Tensor; Scale 10**19 Nm Mrr=-0.06 Mtt=-5.54 Mff= 5.61 Mrt=-0.94 Mrf=-0.89 Mtf=-6.13 Principal axes: T Val= 8.34 P1g= 3 Azm= 66 N 0.09 81 176 P -8.43 8 336 Best Double Couple:Mo=8.4*10**19 NP1:Strike=111 Dip=82 Slip=-176 NP2: 21 86 -8 CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 38S, 97C M.W.: 33S, 86C Centroid Location: Origin Time 15:12: 9.8 0.1 Lat 7.27N 0.01 Lon 76.34W 0.01 Dep 15.0 FIX Half-duration 5.1 Moment Tensor; Scale 10**19 Nm Mrr= 1.57 0.03 Mtt=-0.99 0.02 Mff=-0.58 0.03 Mrt= 1.01 0.14 Mrf= 3.62 0.16 Mtf=-4.25 0.02 Principal Axes: T Val= 5.01 P1g=38 Azm=241 N 1.40 43 18 P -6.41 23 132 Best Double Couple:Mo=5.7*10**19 NP1:Strike=270 Dip=45 Slip= 167 NP2: 9 81 46
LPL	117.57	319	ePKP	27	28.20	-0.5	EEO	132.54	27	ePKP	27	57.50	0.5	
TUC	117.77	57	ePKP	27	29.35	0.1	ELC	132.68	44	(PKP)	27	56.61	-0.9	
FRF	118.31	317	ePKP	27	29.30	-0.5	KIC	135.24	273	PKP	28	02.50	-0.5	
EKA	118.64	332	PKP	27	30.00	0.0				PP	30	38.00		
LOR	118.74	321	ePKP	27	30.00	-0.5	LIC	135.52	272	PKP	28	03.00	-0.6	
Z	0.7s	4.65nm						0.4s	14.00nm					
LBF	118.78	321	ePKP	27	30.10	-0.6				PP	30	39.00		
SMF	119.01	321	ePKP	27	30.80	-0.3	TIC	135.53	273	PKP	28	03.00	-0.6	
SSF	119.05	321	ePKP	27	30.80	-0.3				PP	30	39.00		
AVF	119.25	321	ePKP	27	30.80	-0.7	RSNY	136.18	26	PKP	28	02.52	-1.4	
8GF	119.67	321	ePKP	27	32.20	-0.1	Z	21s	0.60um			5.3Msz		
MAF	119.98	321	ePKP	27	33.10	0.2				iSKP	31	22.05		
GOL	120.17	47	ePKPd	27	33.83	0.0	ANTZ	136.27	305	iPKPc	28	05.00	0.4	
Z	0.19s	0.65um					MCWV	137.16	35	PKP	28	20.00	14.1X	
TCF	120.18	321	ePKP	27	33.10	-0.2	Z	21s	1.12um			5.6Msz		
LDF	120.56	324	ePKP	27	33.70	-0.2	LMN	138.48	16	ePKP	28	03.50	-4.7X	
LSF	120.62	321	ePKP	27	33.60	-0.5	EMM	138.69	19	(PKP)	28	08.03	-0.5	
FLN	120.69	324	ePKP	27	34.20	0.1	TBR	139.00	28	PKP	28	08.19	-1.1	
Z	0.5s	4.90nm								iSKP	31	29.97		
ALQ	120.71	53	ePKPc	27	35.29	0.4	PRM	139.10	43	(PKP)	28	10.79	1.1	
CAF	120.84	319	ePKP	27	34.70	0.1	JSC	139.73	42	ePKP	28	10.53	-0.2	
RJF	121.04	320	ePKP	27	35.10	0.2	LHS	139.90	41	ePKP	28	02.17	-8.9X	
Z	0.22s	1.15um					LHS	139.90	41	PKP	28	13.30	2.2	
GRR	121.09	324	ePKP	27	34.60	-0.3				eSKP	31	33.56		
DMU	121.25	332	ePKP	27	34.70	-0.3	CEH	140.11	38	PKP	28	03.84	-7.6X	
LPF	121.37	324	ePKP	27	35.30	-0.1	Z	20s	1.25um			5.7Msz		
MFF	121.50	322	ePKP	27	35.50	-0.3				iSKP	31	33.62		
LPO	121.51	319	ePKP	27	36.10	0.3	HBF	141.12	43	ePKP	28	07.81	-5.5X	
LFF	121.69	320	ePKP	27	36.40	0.2	HBF	141.12	43	PKP	28	13.96	0.7	
ULM	121.73	33	ePKP	27	38.00	1.9	ANT	144.03	147	iPKP	28	17.50	-1.1	
DCN	121.76	332	ePKP	27	35.90	-0.1	SLA	145.59	154	iPKPc	28	21.90	0.4	
EPF	122.76	318	ePKP	27	38.20	-0.2	MBO	146.75	287	iPKPc	28	25.70	2.4	
	0.7s	7.70nm					NNA	147.55	124	iPKP	28	25.50	0.8	
EROQ	123.62	316	ePKP	27	29.00	-11.1X				i	28	28.20		
ECRI	124.83	319	ePKP	27	36.00	-6.4X	ITB7	148.50	172	PKP	28	32.70	6.7X	
ECHE	125.08	315	ePKP	27	37.00	-6.0X	ITB	148.82	172	e(PKP)	28	32.20	5.7X	
EALH	126.10	313	ePKP	27	41.00	-4.0X	ARE	148.83	137	ePKP	28	33.00	6.0X	
EVIA	126.56	314	ePKP	27	45.00	-1.0	ITB1	148.94	172	e(PKP)	28	32.50	5.9X	
GUD	126.83	317	ePKP	27	46.00	-0.5	VAO	150.77	185	ePKP	28	29.50	0.0	
MEO	126.92	51	iPKPc	27	46.10	-0.6				e	28	35.60		
ENIJ	127.02	312	ePKP	27	46.80	0.0	CNCB	150.85	142	iPKPc	28	32.00	1.6	
EMON	127.50	322	ePKP	27	48.00	0.5	LPB	150.98	142	PKP	28	31.90	1.5	
EBAN	127.67	314	ePKP	27	48.40	0.4	ZOBO	151.15	141	iPKPc	28	31.80	0.8	
ECOG	127.89	313	ePKP	27	49.80	1.2				LR	42	34.00		
ERUA	127.93	320	ePKP	27	49.00	0.7	JFO	151.46	193	ePKP	28	33.20	2.6	
EGUA	128.07	313	ePKP	27	49.00	0.2	CCH	151.47	146	PKP	28	31.50	0.5	
JAO	128.15	19	ePKP	27	48.50	0.1	PPD	151.83	177	ePKP	28	31.40	0.3	
ELUO	128.28	314	ePKP	27	49.00	-0.2				e	28	37.50		
SIO	128.29	49	ePKP	27	49.20	0.0	SIV	155.21	153	PKPc	28	38.00	2.2	
EPLA	128.40	317	ePKP	27	50.00	0.7	BDF	158.12	185	ePKPc	28	40.12	0.4	
STS	128.54	322	ePKP	27	50.50	1.0				ePKPab29	12.90			
TUL	128.61	48	ePKP	27	50.10	0.3				epP'ab29	40.87			
Z	0.9s	31.90nm								e	29	50.50		
LNO	128.61	48	ePKP	27	49.80	0.1				e	30	23.10		
EHOR	128.86	314	ePKP	27	51.00	0.8				e	32	55.30		
VVO	128.88	49	ePKP	27	51.20	0.9	PDCR	158.52	210	ePKP	28	40.00	0.0	
JFWS	129.00	38	ePKP	27	49.64	-0.7				e	29	14.90		
RLO	129.07	48	ePKP	27	50.20	-0.5								
EPRU	129.23	313	ePKP	27	50.50	-0.5								
EJIF	129.62	313	ePKP	27	52.50	0.8								
EVAL	130.03	315	ePKP	27	53.20	0.7								
UYO	130.31	50	iPKPc	27	52.50	-0.6								
MIAR	130.82	49	ePKP	27	53.62	-0.4								
Z	20s	1.15um												
FVM	131.50	43	ePKP	27	54.19	-1.1								
			iSKP	31	06.22									
			iSKP	31	07.51									
</														

18d 15h

CEOS	8.67	76	eP	14 00.60	-7.0X	MZX	32.63	303	(P)	18 34.00	0.6	TACH	40.89	172	eP	19 43.36	0.2		
JUD	9.12	290	eP	14 15.39	1.5	VVO	33.04	331	iPc	18 36.00	-0.9	PCH	40.92	172	eP	19 43.72	0.3		
VCR	9.19	290	eP	14 20.38	5.6X				ePP	20 26.80		LNK	41.13	173	eP	19 44.99	0.0		
RIN3	9.19	294	eP	14 17.10	2.3	FVM	33.14	340	ePd	18 35.98	-1.7	CHCH	41.20	172	eP	19 45.89	0.1		
MORO	9.25	65	eP	14 09.00	-6.6X		1.3s	2036.91nm		6.9mb		GLD	41.30	326	P	19 46.70	0.0		
CAR	10.39	70	iPd	14 24.00	-7.4X	RLO	33.38	333	iPc	18 38.50	-1.4		1.2s	1292.93nm		6.5mb			
LLAV	10.49	71	eP	14 26.20	-6.6X				ePP	20 28.30		Z	20s	150.00um		6.9Msz			
			eS	16 13.80		CCM	33.48	339	ePc	18 39.51	-1.2	GOL	41.35	326	ePd	19 47.67	0.5		
PCJ	10.61	358	iPd	14 30.62	-3.6X	SLA	33.49	161	ePd	18 39.50	-1.6	Z	19s	73.70um		6.6Msz			
			S	16 18.94		LNO	33.53	332	ePc	18 39.80	-1.2	VAO	41.82	136	eP	19 47.00	-3.9X		
YHJ	10.76	2	iPd	14 33.77	-2.6				ePP	20 30.10		PDCR	42.27	117	eP	19 49.80	-4.9X		
			S	16 19.60		TUL	33.53	332	ePc	18 40.10	-1.0	RFA	42.37	170	ePc	19 54.40	-0.9		
HOJ	10.86	1	iPd	14 34.87	-2.9		0.9s	507.60nm		6.5mb		JFO	43.60	132	eP	19 57.10	-8.4X		
GWJ	10.93	1	iPd	14 35.50	-3.4X	Z	20s	300.84um		7.0Msz		GLA	43.65	312	ePc	20 06.24	0.4		
STH	10.94	0	iPd	14 35.24	-3.6X	N	18s	221.06um				SRU	43.98	322	eP	20 07.53	-1.1		
			S	16 24.77		E	18s	99.20um				RDJ	44.39	133	eP	20 16.40	4.6X		
GUAN	11.45	75	eP	14 37.80	-8.2X				ePP	20 30.30		EMUT	44.59	322	eP	20 13.18	-0.4		
CUM	12.99	74	iP	14 59.00	-7.5X				S	24 20.00		MSU	44.67	320	ePd	20 14.03	-0.2		
			iS	17 38.00		LVNJ	33.64	3	eP	18 42.63	0.6	ARUT	45.08	318	eP	20 17.34	-0.1		
MGP	14.45	40	iP	15 16.00	-9.8X	SIO	33.65	331	ePc	18 41.20	-1.0	DAU	45.22	323	eP	20 18.79	0.0		
PORP	14.78	41	iP	15 19.00	-11.1X				ePP	20 32.90		PLM	45.31	311	eP	20 19.60	0.2		
LRS	14.82	40	iP	15 23.00	-7.6X	SLM	33.67	341	P	18 50.00	7.7X	LPA	45.42	158	iPd-	20 19.20	-0.7		
CLLP	14.84	42	iP	15 21.00	-9.8X	Z	19s	177.90um		6.8Msz			1.0s	1120.00nm		6.8mb			
APR	15.01	40	iP	15 25.00	-8.0X	SLM	33.67	341	P-	18 41.39	-0.9	Z	20s	146.10um		6.9Msz			
SJG	15.14	43	iP	15 26.00	-8.9X	Z	19s	787.15um		7.5Msz				PcS	25 56.00				
CPD	15.25	43	iP	15 26.00	-10.3X	GMTN	33.75	4	iP	18 45.00	2.1	PEC	45.77	311	eP	20 22.91	0.1		
LPR	15.47	43	iP	15 31.00	-8.2X	PNJ	33.78	4	eP	18 44.90	1.8		1.1s	462.07nm		6.4mb			
TPP	15.57	77	eP	15 34.40	-6.0X				i	18 45.90		ULM	45.88	343	eP	20 24.50	1.2		
TRN	15.68	76	eP	15 34.97	-6.9X				PP	20 47.00		DUG	46.05	321	eP	20 24.34	-0.7		
GRW	15.81	70	eP	15 37.05	-6.6X				PcP	21 29.80			1.1s	568.89nm		6.5mb			
T8H	15.97	77	eP	15 39.93	-5.7X	FNO	33.81	329	iPd	18 42.10	-1.4	GSC	46.15	313	ePd	20 26.65	0.8		
TPR	16.40	74	eP	15 41.64	-9.4X	TBR	34.00	4	eP	18 44.92	-0.3	SSK	46.31	311	eP	20 28.08	0.9		
SVB	16.55	67	eP	15 46.27	-6.7X	MEQ	34.07	327	iPd	18 44.20	-1.6	TPNV	46.55	316	eP	20 30.14	1.1		
SVV	16.60	67	eP	15 46.49	-7.1X	PCO	34.73	331	iPc	18 50.00	-0.7		0.9s	260.62nm		6.3mb			
TPX	16.99	299	(P)	16 04.50	5.9X	HRV	35.60	7	ePc	19 00.68	1.9	Z	21s	415.91um		7.4Msz			
NEV	17.17	53	eP	15 59.60	-1.2		Z	18s	218.05um		7.0Msz				ePP	21 59.12			
BIM	17.18	63	eP	15 49.90	-11.0X				ec	19 10.78		JAQ	46.60	1	ePc	20 28.00	-1.0		
FDF	17.19	62	ePc	15 50.14	-11.0X				ed	19 16.16		PAS	46.64	311	ePc	20 31.42	1.8		
			S	19 35.60		DLA	35.88	354	P	19 00.65	-0.5	PTI	47.40	325	eP	20 35.50	-0.2		
MDN	17.23	60	eP	15 58.94	-2.6	TYNO	35.97	356	P	19 02.22	0.3	ISA	47.52	313	eP	20 36.35	-0.4		
MGH	17.23	55	eP	15 58.03	-3.5X	LDN	36.02	355	P	19 02.00	-0.4	Z	21s	282.98um		7.2Msz			
DTMT	17.23	61	eP	15 59.14	-2.5	STCO	36.05	357	P	19 02.84	0.3	HHA1	47.67	325	eP	20 37.02	-0.8		
PAG	17.32	58	eP	15 58.00	-4.8X	ELF	36.19	354	P	19 03.25	-0.5	ABL	47.72	311	eP	20 38.45	0.0		
			S	17 46.00		ACTO	36.50	356	P	19 06.00	-0.4	TNP	47.78	316	ePd	20 38.52	-0.3		
MVM	17.35	63	eP	15 51.10	-12.0X	BDF	36.51	128	eP	19 04.36	-2.6	LTMT	48.30	326	ePc	20 43.30	0.4		
CRM	17.41	63	eP	15 53.70	-10.1X				e	19 06.10		MEMT	48.39	328	eP	20 44.11	0.6		
MGG	17.57	59	eP	16 00.24	-5.6X	WLVO	36.73	358	P	19 08.55	0.3	BONR	48.46	316	ePd	20 44.39	0.1		
BPA	17.69	55	eP	16 05.30	-2.1	RSNY	37.38	3	ePc	19 14.24	0.4	BCH	48.50	311	eP	20 44.64	0.3		
SFG	17.84	58	eP	16 05.00	-4.1X	JFWS	37.60	344	ePd	19 13.82	-1.8	BGMT	48.72	327	ePc	20 45.77	-0.3		
DEG	17.98	58	eP	16 06.00	-5.0X	Z	19s	540.92um		7.4Msz		MEMM	48.77	315	eP	20 47.43	1.2		
CPB	18.04	53	eP	16 05.32	-6.3X	PPD	38.26	140	eP	19 17.90	-3.6X	KVN	48.86	317	eP	20 46.95	-0.2		
SCX	18.16	303	(P)	16 29.50	16.3X	ITB1	38.39	146	e(P)	19 23.10	0.6	SXM	48.88	329	ePc	20 46.82	-0.4		
OXX	21.80	299	(P)	16 52.50	-1.1	EMM	38.40	11	eP	19 22.01	-0.3	PKEM	48.89	313	eP	20 48.56	1.3		
IISM	23.20	303	(P)	17 08.50	1.3	ITB	38.61	146	e(P)	19 21.50	-2.8	MCMT	48.90	326	eP	20 47.08	-0.4		
ARE	23.98	167	eP	17 17.00	1.9	MIM	38.63	9	P	19 36.30	12.1X	PHAM	49.01	312	eP	20 48.18	0.0		
IT	23.99	302	(P)	17 20.00	4.7X	MIM	38.63	9	eP	19 30.00	5.8X	FRI	49.01	314	iPd	20 46.35	-1.7		
ACX	24.48	295	(P)	17 24.00	4.3X	ALQ	38.85	320	(P)	19 15.40	-11.2X	LCCM	49.02	328	ePc	20 47.85	-0.4		
ZOBO	24.77	160	Pc	17 20.30	-2.9		1.0s	4.00nm				LRM	49.32	328	ePc	20 50.08	-0.6		
UNM	24.87	301	(P)	17 27.00	3.2X	ALO	38.85	320	eP	19 25.97	-0.6	PRI	49.33	312	iPc	20 51.53	0.7		
LPB	25.01	160	P	17 24.10	-1.1	ANMO	38.86	320	ePd	19 28.16	1.6	HBMT	49.38	327	ePc	20 50.68	-0.5		
CNCB	25.30	160	P	17 27.20	-1.0	ITB7	38.88	146	e(P)	19 30.60	3.9X	BUT	49.50	328	eP	20 52.06	0.1		
HBF	25.94	353	ePc	17 33.93	0.6	RTLL	39.02	169	iPd	19 27.50	-0.3	HRV	49.58	329	ePc	20 51.94	-0.5		
SGS	26.21	353	ePc	17 36.57	0.7	RTCB	39.11	169	iPc	19 29.00	0.4	LLA	49.74	313	iPd	20 53.73	0.0		
CCH	26.51	157	P	17 36.70	-2.4	ZON	39.19	169	eP	19 31.00	1.8	PRS	49.93	312	iPc	20 55.02	-0.2		
MRX	26.74	300	(P)	17 44.00	3.1X	EEO	39.47	358	ePc	19 34.50	3.2X	CMB	49.96	315	iPd	20 54.00	-1.5		
PRM	27.35	350	eP	17 46.02	-0.3				pP	19 45.50	39kmX	Z	20s	454.00um		7.5Msz			
JSC	27.37	352	ePd	17 45.80	-0.7	RTCV	39.52	169	eP	19 26.70	-5.3X			eS	28 00.00				
LHS	27.51	353	ePd	17 47.17	-0.6	TCA	39.96	164	ePc	19 35.20	-0.4			eSS	32 03.00				
SIV	27.74	146	P	17 47.00	-3.1X				i	19 41.00				eLQ	34 00.00				
AGX	28.62	304	(P)	18 08.00	10.1X	JACH	39.98	172	eP	19 36.46	0.7	ARN	50.48	313	eP	20 59.46	0.0		
CGX	28.70	299	(P)	18 06.50	7.5X	LMN	40.01	13	ePd	19 38.30	2.5X	GCC	50.68	313	iPc	21 00.47	-0.4		
CEH	28.75	356	eP	17 58.80	-0.2	IHA	40.18	173	eP	19 37.80	0.5	PCC	51.15	313	iPc	21 04.82	0.3		
	1.4s	1006.82nm		6.4mb					i	19 46.50		BKS	51.21	314	iPd	21 02.00	-2.9		
Z	19s	1107.67um		7.5Msz		ROCH	40.21	172	iP+	19 37.79	0.0	Z	20s	420.00um		7.5Msz			
BLA	30.17	354	ePd	18 11.52	-0.3	TUC	40.32	313	eP	19 39.04	0.4			eS	28 16.00				
NAV	30.32	354	iPc	18 13.00	0.0				pP	19 50.00	42kmX			eSS	32 39.00				
CBN	30.99	359	eP	18 20.00	1.1				i	19 46.50				eLR	36 57.00				
	1.0s	175.00nm		5.9mb		CBM	40.42	9	ePd	19 40.84	1.8	ZSP	51.25	314	iPc	21 05.52	0.3		
OLY	31.31	337	eP	18 20.15	-1.6	PEL	40.42	172	iP+	19 39.85	0.5	ORV	51.42	316	iPd	21 05.90	-0.6		
MIAR	31.38	333	eP	18 21.28	-1.1	PEL	40.42	172	ePc	19 40.00	0.6	SES	51.72	333	eP	21 07.00	-1.7		
Z	21s	203.11um		6.8Msz		MDZ	40.46	170	eP	19 41.10	1.4		1.7s	1					

Z	22s	158.43um		7.0Msz	ETA	72.71	37 iPd	23 29.30	0.2				iP	25 39.30	522kmX
FCC	53.24	349 eP	21 21.00	1.2	AIA	72.73	174 eP	23 30.00	1.0	LFF	76.26	46 eP	23 48.40	-1.4	
FOC	53.56	316 iPc	21 22.92	0.4	MBC	72.91	350 ePc	23 28.40	-1.5		1.2s	930.65nm		6.7mb	
FHC	53.68	316 iPc	21 23.54	0.1		0.5s	60.00nm		5.9mb	KDC	76.39	328 eP	23 49.34	-0.8	
DPW	53.69	327 eP	21 21.62	-1.8	RUV	73.28	252 iP	23 34.70	1.6		1.3s	174.55nm		6.0mb	
EKR	53.74	316 iPc	21 22.37	-1.4		1.1s	95.00nm		5.8mb	JNW	76.41	18 iPc	23 53.90	3.7X	
VGB	53.86	323 ePd	21 23.91	-0.8	BST	73.32	42 P	23 33.74	0.9	SALF	76.46	48 P	23 50.59	-0.5	
COR	54.95	321 (P)	21 31.16	-1.5	EVIA	73.40	52 iPd	23 35.00	1.3	LESF	76.54	48 P	23 53.09	1.6	
SHW	55.09	323 (P)	21 36.72	2.9X	TPT	73.46	252 iP	23 35.90	1.8	LPO	76.56	46 eP	23 49.90	-1.6	
LON	55.12	324 eP	21 31.71	-2.2		1.1s	100.00nm		5.8mb		1.2s	1071.10nm		6.8mb	
RMW	55.49	324 eP	21 35.04	-1.6	ENIJ	73.52	54 iPd	23 34.50	0.2	SPU	76.71	331 eP	23 50.23	-1.8	
BMW	55.82	323 eP	21 37.51	-1.5	VAH	73.52	252 iP	23 36.10	1.6	GRBF	76.72	48 P	23 53.56	1.0	
GMW	56.10	324 ePc	21 39.19	-1.7		1.1s	85.00nm		5.7mb	CRP	76.77	331 eP	23 48.11	-4.4X	
MCW	56.71	325 eP	21 43.71	-1.6	PMO	73.73	252 iP	23 37.50	1.8	RJF	76.83	45 eP	23 51.40	-1.6	
PGC	57.05	325 eP	21 47.50	-0.1		1.1s	130.00nm		5.9mb		1.2s	980.65nm		6.8mb	
	1.4s	1250.00nm		6.8mb	ECRI	73.73	48 iPc	23 36.80	1.4	BGL	76.88	331 eP	23 53.09	0.0	
MBO	59.17	78 iPc	22 02.70	-0.3	KLU	73.89	332 ePc	23 34.01	-2.0	LSF	76.90	44 eP	23 51.70	-1.7	
		iS	30 14.20		TOA	74.16	333 eP	23 37.40	-0.1		1.1s	578.25nm		6.6mb	
YKA	61.79	341 P	22 17.40	-2.8	EALH	74.20	53 eP	23 39.00	0.8	TBI	77.02	244 iP	23 56.50	2.1	
	0.6s	168.00nm		6.4mb	HTR	74.38	38 eP	23 40.60	1.7		1.2s	80.00nm		5.7mb	
GDH	63.95	9 ePc	22 34.00	-0.4	EAB	74.45	34 ePc	23 38.40	-0.8	CAF	77.20	46 eP	23 53.60	-1.5	
	1.0s	62.00nm		5.8mb	ECHE	74.66	51 iPd	23 43.00	2.2		1.3s	1519.20nm		6.9mb	
		i	23 42.00		ELO	74.85	33 eP	23 41.40	-0.1	MHA	77.34	289 P	24 05.30	9.1X	
		i	31 06.00		BOH	74.87	47 P	23 42.93	0.8	MHA	77.34	289 eP	23 54.75	-1.4	
RKT	64.22	240 iP	22 38.00	1.1	EAU	74.88	34 eP	23 41.30	-0.4	TCF	77.37	44 eP	23 54.20	-1.8	
	1.1s	115.00nm		6.0mb	ELYF	74.89	47 P	23 42.78	0.7		1.2s	616.45nm		6.6mb	
ANTZ	66.46	62 iP	22 48.50	-2.8	EBH	74.92	34 eP	23 41.30	-0.6	KKH	77.47	289 eP	23 56.54	-0.4	
		i	22 58.00		ESK	74.93	35 ePc	23 42.28	0.3	MAF	77.62	44 eP	23 55.70	-1.6	
		i	24 39.50			0.8s	462.00nm		6.6mb		0.9s	398.35nm		6.5mb	
SIT	67.29	330 eP	22 57.11	1.2			ic	23 51.71		ESEL	77.64	51 iPc	23 59.00	1.4	
Z	19s	117.89um		7.1Msz			ec	23 53.12		HKL	77.64	290 P	24 02.70	4.3X	
LIS	68.24	51 iPd	23 03.40	1.1			ed	23 57.17		HKL	77.64	290 (P)	23 56.62	-1.8	
REY	68.91	23 iP	23 07.40	1.4	EKA	74.96	35 P	23 40.00	-2.2	ETER	77.67	48 iPc	24 00.00	2.3	
TIO	68.91	60 iPc	23 07.00	0.2		2.4s	306.90nm		5.9mb	PERF	77.69	48 P	23 58.83	1.0	
		i	23 13.00		MADF	75.01	47 P	23 43.17	0.4	PYM	77.90	45 P	23 57.67	-1.3	
AVE	68.98	57 iP	23 02.50	-4.6X	ISSF	75.02	47 P	23 43.54	0.6	AGO	78.00	45 P	23 59.30	-0.2	
		i	23 13.00		ACU	75.03	52 eP	23 44.00	1.0	LBL	78.05	45 P	23 58.66	-1.2	
		i	24 56.00		EDI	75.04	34 ePc	23 42.90	0.3	AVF	78.18	44 eP	23 58.60	-1.8	
EZAM	69.13	48 iPd	23 09.00	1.2		1.1s	162.00nm		6.0mb		1.2s	697.40nm		6.6mb	
STS	69.36	47 eP	23 10.00	0.9	EBL	75.09	34 eP	23 42.60	-0.4	IMA	78.23	336 ePd	23 58.86	-1.6	
EVAL	69.97	53 iPd	23 14.20	1.2	ATE	75.10	47 P	23 44.58	1.3	SSF	78.30	43 eP	23 59.20	-1.8	
SFS	70.28	54 iP	23 16.50	1.6	ESCF	75.19	47 P	23 44.97	1.2		1.1s	677.90nm		6.6mb	
ERUA	70.30	48 iPd	23 16.00	1.0	EDU	75.24	33 ePc	23 43.90	0.1	PLDF	78.34	45 P	24 00.65	-0.7	
EMON	70.33	46 iPd	23 16.00	0.9		1.1s	1011.00nm		6.8mb	SVW	78.41	331 eP	23 59.02	-2.4	
CNIL	70.39	54 iP	23 16.50	0.9	OGE	75.27	47 P	23 44.58	0.3	SMF	78.51	44 eP	24 00.50	-1.8	
GIBL	70.52	54 iP	23 18.50	2.1	LPF	75.29	42 eP	23 42.50	-1.7		1.4s	1334.85nm		6.8mb	
PLAT	70.61	54 iP	23 19.50	2.5X		1.3s	742.25nm		6.6mb	LOR	78.55	43 eP	24 00.60	-1.8	
EPLA	70.78	50 iPd	23 18.40	0.4	JAU	75.34	47 P	23 45.12	0.3		1.2s	747.40nm		6.6mb	
OJEN	70.78	54 iP	23 24.50	6.4X	ESY	75.36	34 eP	23 44.20	-0.2	Z	23s	114.00um		7.1MszX	
ALJ	70.78	54 iP	23 19.50	1.4		1.1s	308.00nm		6.3mb	LBF	78.62	44 eP	24 00.80	-2.1	
EJIF	70.87	54 iPc	23 19.60	1.1	PMR	75.40	332 eP	23 43.13	-1.4		1.5s	852.40nm		6.6mb	
IFR	70.91	57 iP	23 20.00	1.0		Z	19s	262.14um		DOMF	78.66	40 P	24 03.15	0.2	
		i	23 27.50		GRR	75.45	42 eP	23 43.50	-1.6	TTA	78.80	333 eP	24 01.32	-2.3	
		i	23 39.50			1.1s	1113.55nm		6.8mb	SNF	78.95	40 iPc	24 04.75	0.2	
AKU	71.06	22 iP	23 21.00	1.9	PMS	75.53	332 P	23 46.10	0.7			id	24 13.47		
	1.4s	679.07nm		6.6mb	EDR	75.56	33 eP	23 45.00	-0.6	SSB	78.97	45 P	24 03.30	-1.5	
		i	25 06.60		COL	75.58	335 (P)	23 44.60	-1.0	UCC	79.01	40 P+	24 03.00	-1.8	
EPRU	71.11	53 iPd	23 21.80	1.8			ec	23 56.27				e	24 13.00		
EHOR	71.18	53 iPd	23 21.00	0.7	FBA	75.58	335 eP	23 45.70	0.1			S	34 02.00		
TIC	71.26	85 P	23 18.36	-2.9		1.2s	145.70nm		5.9mb	DHH	79.06	290 eP	24 06.59	0.9	
	0.9s	128.50nm		6.0mb	TVO	75.58	250 iP	23 50.00	3.5X	DOU	79.13	40 P+	24 05.80	0.3	
LIC	71.29	86 P	23 18.68	-2.8		0.8s	35.00nm		5.5mb X		1.0s	777.80nm		6.7mb	
	0.8s	166.00nm		6.2mb	PPN	75.70	250 iP	23 50.30	3.3X			i	24 13.00		
KIC	71.56	86 P	23 20.44	-2.6		0.8s	30.00nm		5.4mb X			S	34 06.00		
	1.1s	565.00nm		6.6mb	SLKM	75.70	331 ePc	23 45.18	-1.2	HON	79.24	290 P+	24 17.94	11.3X	
		e	25 11.00		FLN	75.74	42 eP	23 45.30	-1.5	Z	20s	145.86um		7.3Msz	
MAL	71.74	54 iPc	23 26.20	2.5X		1.4s	1665.90nm		6.9mb			S	34 34.54		
		iS	32 46.00		Z	23s	145.00um		7.2MszX			S	34 39.86		
ELUO	71.93	53 iPd	23 26.20	1.3	PWA	75.77	332 P	23 47.10	0.5	KIP	79.24	290 (P)	24 14.00	7.3X	
BALM	72.10	332 eP	23 25.37	-0.2	MFF	75.77	44 eP	23 45.50	-1.5	DBN	79.57	38 iP+	24 19.00	11.2X	
DCN	72.21	36 eP	23 24.50	-1.7		1.2s	1490.00nm		6.9mb	Z	22s	192.00um		7.4Msz	
	1.0s	440.00nm		6.5mb	EROQ	75.78	50 iPc	23 49.00	1.8			e	25 48.00		
DCN	72.21	36 eP	23 26.20	0.0	ENSF	75.84	48 P	23 49.77	2.1			eS	34 20.00		
ECB	72.30	37 iPd	23 26.60	-0.1	PPT	75.84	250 iP	23 51.30	3.4X			eSS	39 00.00		
ECB	72.30	37 eP	23 33.70	7.0X		0.8s	55.00nm		5.7mb	FOO	79.96	29 eP	24 11.33	1.6	
GUD	72.31	50 iPd	23 27.50	0.3	EBR	75.84	50 iP+	23 45.00	-2.5	ENN	80.00	40 eP	24 09.00	-1.2	
EBAN	72.36	52 iPc	23 29.00	1.6			iS	33 36.00			0.8s	405.00nm		6.4mb	
EGUA	72.43	54 iPd	23 29.00	1.1	EPF	75.85	48 eP	23 46.60	-1.0			e	26 00.00		
ECOG	72.46	53 iPc	23 29.00	0.8		1.7s	4470.15nm		7.3mb	VITF	80.00	42 P	24 09.07	-1.2	
ECP	72.51	37 eP	23 27.80	-0.2	PAE	75.86	250 iP	23 51.50	3.5X	BER	80.03	30 ePd	24 12.80	2.7X	
ECP	72.51	37 eP	23 35.00	7.0X		0.8s	70.00nm		5.8mb	MEM	80.05	40 iPc	24 11.67	1.2	
	1.6s	4520.00nm		7.3mb	LDF	75.96	42 eP	23 46.50	-1.5	BRW	80.10	341 eP	24 09.87	-0.5	
DMU	72.54	36 eP	23 26.60	-1.6		1.1s	1140.90nm		6.9mb	WLF	80.13	41 iPc	24 09.93	-0.9	
	1.0s	389.00nm		6.4mb	AFR	76.02	250 iP	23 52.20	3.3X	HAU	80.24	43 eP	24 10.10	-1.5	
DMU	72.54	36 eP	23 28.30	0.1		0.8s	100.00nm		6.0mb		1.6s	1472.65nm		6.7mb	
DLF	72.64	36 eP	23 28.50	-0.2	DAG	76.12	12 iPd	23 47.20	-1.2	Z	21s	115.00um		7.2Msz	
	1.0s	139.00nm		6.0mb		1.0s	390.00nm		6.5mb	KLL	80.24	40 iPc	24 12.80	1.3	

LRG	80.26	47 eP	24 20.60	25kmX	Z	22s	100.00um	7.1Msz	TRO	85.44	20 eP	24 38.84	1.0	
	1.3s	670.05nm	6.5mb				id	24 38.10	AQU	85.49	48 P	24 40.70	2.0	
	Z	23s	127.00um	7.2MszX	OGA	83.45	44 eP	24 29.00	0.4	VOY	85.49	44 eP	24 40.90	2.2
LMR	80.37	47 eP	24 11.10	-1.2	FUR	83.54	42 eP	24 29.50	0.7	PRU	85.54	40 eP	24 38.30	-0.4
	1.8s	2175.15nm	6.8mb			Z	20s	104.00um	7.2Msz		1.7s	905.70nm	6.7mb	
RSL	80.44	45 P	24 11.40	-1.5				eS	35 05.10		Z	22s	141.00um	7.3Msz
FRF	80.47	47 eP	24 11.50	-1.4	MOX	83.62	40 ePc	24 30.50	1.4	N	20s	42.00um		
	1.3s	944.95nm	6.6mb			1.8s	744.00nm	6.6mb		E	20s	117.00um		
BNI	80.47	46 P	24 12.90	-0.2		Z	20s	130.00um	7.3Msz				i	24 41.00
HYA	80.49	29 eP	24 14.85	2.3		N	20s	86.00um					i	24 48.70
WIT	80.50	38 eP	24 14.50	1.7		E	19s	48.00um					i	26 29.00
		ePcP	24 21.00					eS	35 00.00				S	35 10.70
		e	26 03.50		LOF	83.64	22 eP	24 28.66	-0.2	CEY	85.89	45 eP	24 42.50	1.9
LPL	80.51	45 eP	24 12.60	-0.8	FIR	83.80	47 eP	24 32.00	1.9	LJU	85.93	44 eP	24 40.00	-0.8
	1.7s	1793.95nm	6.8mb					S	35 04.00				e	24 43.00
LPG	80.53	45 eP	24 12.80	-0.7	HOF	83.81	40 eP	24 31.50	1.4				i	24 50.50
	1.3s	759.60nm	6.5mb		COP	83.81	35 iP+	24 29.00	-0.9				e	26 32.50
BSF	80.54	43 eP	24 11.40	-1.9		0.9s	403.36nm	6.6mb					eS	35 20.00
	1.4s	1003.75nm	6.6mb		Z	20s	65.96um	7.0Msz	RAR	85.97	248 P	24 48.00	6.6X	
LOMF	80.57	43 P	24 12.72	-0.7				i	26 16.00				S	35 28.00
WTS	80.57	39 eP	24 12.50	-0.7				iS	35 01.00	RAR	85.97	248 (P)	24 43.74	2.4
	0.9s	765.00nm	6.7mb		WTTA	83.84	43 iPc	24 31.20	0.7				S	35 28.00
		e	26 03.00			1.8s	1115.00nm	6.8mb		RFI	86.02	49 P	24 44.74	3.5X
STB	80.58	40 iPc	24 12.70	-0.6				i	24 39.70		1.4s	1648.50nm	7.0mb	
	2.2s	868.00nm	6.4mb		CTI	83.93	44 P	24 31.00	0.1	MCT	86.13	53 P	24 45.68	3.5X
		ic	24 15.15		PGD	84.13	47 P	24 31.68	-0.4		2.0s	4498.30nm	7.3mb	
		iPp	24 21.02	26kmX	HFS	84.20	30 eP	24 32.70	0.9	UPP	86.19	30 iPDIF	24 42.80	1.1
SDN	80.60	325 eP	24 12.68	-0.6		1.5s	311.90nm	6.3mb			1.2s	200.00nm	6.2mb	
	Z	19s	14.01um	6.3Msz	Z	22s	100.42um	7.2Msz					i	24 49.40
CALN	80.64	47 P	24 13.42	-0.6				LR	55 02.00				iSKS	35 04.00
EMS	80.65	45 ePd	24 14.40	0.4	SFI	84.22	47 P	24 33.80	1.6	FAI	86.20	53 P	24 44.50	2.2
MOF	80.77	43 P	24 13.15	-1.4	CRE	84.32	47 P	24 33.10	0.2	DUI	86.34	49 P	24 44.90	1.9
ECH	80.79	42 P	24 12.96	-1.5	CLL	84.45	39 iPc	24 32.40	-0.9	GIB	86.40	52 P	24 46.70	3.3X
BNS	80.79</													

QJC	88.86	40 eP	24 55.00	0.1	TNR	92.71	44 ePd	25 13.00	0.2	i	29 44.00			
	1.5s	1525.00nm	7.1mb	COZ	92.83	44 ePc	25 11.00	-2.6	e		36 15.00			
	N	20s	51.30um	THE	92.84	49 iP	25 15.02	1.5	eS		37 21.00			
				DRA	92.91	45 ePc	25 16.00	2.3						
WAR	89.27	38 P-	24 50.00	-6.7X	SOH	93.09	48 ePd	25 14.62	-0.1	BBTK	100.28	47 ePdiff25 50.00	2.4	
		S	35 30.00		MMB	93.21	48 iPd	25 16.00	0.8	KART	100.97	46 ePdiff25 53.10	2.3	
			25 02.10	4.9X	SRS	93.21	48 iP	25 15.86	0.7	CTK	101.50	46 ePdiff25 55.90	2.9X	
	PSZ	89.31	42 eP	25 02.10		PGB	93.32	47 iPd	25 18.00	2.2	ANN	101.70	41 ePdiff25 52.00	-1.6
SPC	89.33	41 eP	24 59.00	1.6	CMP	93.32	44 iPd	25 18.00	2.3	Z	21s	86.00um	7.2Msz	
			25 07.80		MTUR	93.35	44 eP	25 20.00	4.1X	N	21s	76.00um		
			26 53.40		PAIG	93.52	49 ePc	25 17.90	1.3	E	21s	66.00um		
			35 34.30		VLI	93.61	53 eP	25 18.70	1.6					
NUR	89.52	29 iP	24 57.20	-0.6	OUR	93.66	49 iP	25 18.42	1.2	HLW	102.05	58 ePdiff25 54.00	-1.5	
		eS	35 20.00		PLD	93.80	47 iPc	25 21.00	3.1X	CSS	102.22	52 ePdiff26 07.30	11.1X	
			25 04.10	2.6X	PTT	93.83	42 eP	25 21.00	3.1X	TRHT	102.59	46 ePdiff26 00.00	2.1	
	KAF	89.90	27 iP	24 58.90	-0.6	MLR	93.89	43 ePc	25 17.50	-0.9	NRI	102.99	5 ePdiff26 04.00	5.3X
SDA	90.01	48 eP	25 05.70	5.3X	RZN	93.91	47 iPd	25 18.00	-0.7		2.0s	157.00nm	6.4mb	
	LACI	90.24	48 iPd	25 04.10	2.6X	ATH	93.96	51 eP	25 18.00	-0.7				
	VLO	90.27	49 eP	25 12.00	10.3X	CVO	93.96	43 ePd	25 22.50	3.9X				
	BCI	90.38	47 eP	25 04.50	2.3	PVL	94.00	46 eP	25 22.00	3.2X	MGD	103.24	338 ePdiff26 00.00	-0.1
TIR	90.40	48 iPc	25 05.50	3.2X	BUC1	94.22	45 ePd	25 24.00	4.2X					
	ADK	90.51	322 eP	25 01.87	-0.7	BUC	94.25	44 iPd	25 24.50	4.6X				
	KEK	90.63	50 eP	25 06.00	2.6X	VRI	94.32	43 ePc	25 23.00	2.7X				
	KKS	90.68	48 eP	25 07.00	3.5X	ISR	94.38	44 eP	25 31.50	10.9X	KIM	103.56	118 iPdiff26 03.50	1.0
TPE	90.69	49 eP	25 02.20	-1.4	DIM	94.42	47 eP	25 23.00	2.3	SOC	103.81	42 ePdiff26 05.00	2.0	
	SRN	90.75	50 eP	25 05.30	1.4	KDZ	94.43	47 eP	25 23.00	2.2	Z	20s	46.50um	7.0Msz
	UZH	90.76	41 ePc+	25 06.00	2.3	CLI	94.52	42 ePc	25 31.00	9.8X	N	20s	30.00um	
						BCAO	94.80	85 iPc	25 22.50	-0.6	E	20s	21.50um	
	1.5s	320.00nm	6.4mb			1.5s	344.00nm	6.5mb						
	Z	19s	140.00um	7.4Msz	JMB	95.07	46 iPc	25 26.00	2.2	PET	104.01	329 ePdiff26 00.00	-3.6X	
	N	19s	45.00um		KIS	95.44	41 iPc+	25 24.00	-1.3					
	E	19s	90.00um			2.0s	300.00nm	6.4mb						
			28 37.00		Z	20s	147.20um	7.5Msz		FRS	104.04	119 ePdiff26 12.40	8.1X	
			ePPP	30 44.00	N	20s	63.70um			BHL	104.37	52 Pdiff 26 16.00	10.1X	
			iS	36 06.00	E	20s	105.70um							
			iPS	37 08.00										
			iSS	42 05.00										
PHP	90.77	48 iPc	25 04.10	0.1	CFR	95.47	43 ePc	25 38.00	12.5X	BLF	104.79	118 ePdiff26 05.00	-3.0	
	IGT	91.06	50 iP	25 13.26	7.9X	EZN	95.53	49 eP	25 27.00	1.1	KIV	105.60	41 ePdiff26 15.40	4.2X
	APA	91.07	21 iPc	25 07.60	2.8X	SMY	95.72	325 P	25 40.00	13.5X				
	SKO	91.45	48 iP	25 07.50	0.4	Z	19s	195.57um	7.6Msz	PYA	105.80	41 ePdiff26 22.00	10.1X	
	0.5s	291.00nm	6.9mb		PSN	95.90	45 eP	25 30.00	2.5X		Z	24s	129.00um	7.4MszX
	Z	21s	50.66um	6.9Msz	NPS	96.03	53 eP	25 33.00	5.5X					
			25 09.50		NVL	96.20	161 eP	25 28.00	-0.3	LWI	105.81	90 ePdiff26 13.00	0.1	
			25 25.20			2.0s	340.00nm	6.5mb	LWI	105.81	90 iPdiff26 16.50	3.6X		
			26 00.00											
			26 50.00											
			28 22.00											
			iSKS	35 52.00										
			iSKKS	36 14.00										
			iS	36 45.00										
			i	39 49.00										
			LR	06 28.00										
SNA	91.46	161 e(P)	25 05.50	-1.0	WIN	96.32	112 iPc	25 27.20	-2.8					
	1.0s	262.00nm	6.5mb			1.5s	250.00nm	6.5mb						
	VLS	91.50	51 eP	25 08.90	1.5									
	LVV	91.62	40 iP	25 08.00	0.3	EDC	96.54	48 eP	25 40.00	9.5X	SVE	107.47	23 ePdiff26 24.50	5.5X
	20s	89.50um	7.2Msz		BNT	96.58	48 eP	25 32.00	1.3		4.0s	280.00nm	6.7mb X	
	N	20s	78.00um		I2M	96.58	50 eP	25 32.00	1.2					
	E	20s	86.00um		KCT	96.93	48 eP	25 34.30	2.0					
			28 46.00		SPA	97.03	100 ePc	25 33.30	1.0	KRI	107.75	105 iPdiff26 29.80	8.5X	
			35 38.00			1.1s	303.57nm	6.8mb		GRO	107.81	40 ePdiff26 23.00	2.2	
			36 10.00		Z	21s	106.86um	7.3Msz						
			iPS	37 16.00										
			iSS	42 16.00										
			eSSD	45 56.00										
FNA	91.63	49 ePd	25 07.42	-0.6	ITU	97.18	47 iPc	25 36.00	2.7X	MTA	108.00	42 ePdiff26 31.00	9.3X	
	DEV	91.72	44 ePc	25 13.00	4.8X	OBN	97.30	32 ePc	25 33.52	0.0	Z	20s	7.50um	6.2MszX
	GZR	91.74	44 ePd	25 08.50	0.1		1.5s	210.00nm	6.5mb	N	20s	16.00um		
	BMR	91.74	42 ePc	25 13.00	4.7X					E	20s	23.00um		
KZN	92.01	49 eP	25 09.70	-0.1	MOS	97.57	31 iPd	25 36.00	1.2					
	GRG	92.36	48 eP	25 10.74	-0.6		1.6s	580.00nm	7.0mb					
	VAY	92.41	48 iP	25 11.70	0.2									
		1.4s	586.00nm	6.8mb										
			25 19.60		YLV	97.59	48 eP	25 37.00	1.7					
PUL	92.45	29 ePd+	25 12.00	0.7	HRT	97.74	47 eP	25 39.30	3.4X	ERE	108.49	44 iPdiff26 35.00	10.9X	
	1.5s	280.00nm	6.4mb		EYL	98.17	47 eP	25 37.00	-1.0	Z	21s	40.00um	7.0Msz	
			35 49.00		KHL	98.32	50 eP	25 40.00	1.3					
			36 18.00		GYN	98.64	47 eP	25 42.30	2.2	GNI	108.70	44 ePdiff26 26.99	1.9	
			ePS	37 30.00	ELL	99.04	51 eP	25 44.90	2.9X					
			e	38 04.00	NAL	99.11	47 eP	25 44.70	2.4					
LIT	92.59	49 iPc	25 11.62	-0.8	DVR	99.33	46 eP	25 45.00	1.8	MAK	109.09	40 iPdiff26 34.00	7.5X	
	VTS	92.62	47 iPc	25 14.00	1.3	SGKT	99.55	47 eP	25 46.10	1.7	Z	20s	52.00um	7.1Msz
	KKB	92.68	47 iPd	25 13.00	0.2	SIM	99.57	42 eP	25 44.00	-0.1	N	20s	47.00um	
	AGG	92.68	50 eP	25 12.46	-0.4						E	20s	76.00um	
KNT	92.68	48 iP	25 14.37	1.6	TIK	99.64	352 eP	25 43.00	-0.9					
						2.0s	123.00nm	6.1mb						

	N	19 s	84.00um			
			PKS	34	52.00	
PMG	136.39	264	ePKP	31	19.00	-5.0X
	1.2 s		103.13nm			
OLP	136.40	239	ePKP	31	26.10	2.4
	1.0 s		119.00nm			
			e	33	13.70	
STK	136.51	230	ePKP	31	19.90	-3.9X
	1.1 s		89.70nm			
			iPP	33	14.20	
NDI	136.54	34	iPKP	31	14.00	-9.9X
			ePP	34	04.00	
LZH	137.06	359	PKPd	31	20.00	-4.9X
	Z 40 s		218.00um			7.6Msz
	N 21 s		106.00um			
			PP	34	06.00	
			PKS	34	54.00	
			SS	52	06.00	
LZH	137.06	359	ePKPc	31	25.42	0.5
	Z 40 s		218.00um			7.6Msz
	N 21 s		106.00um			
			ec	31	35.44	
			PP	34	06.00	
			PKS	34	54.00	
			SS	52	06.00	
ADE	137.12	225	ePKP	31	21.10	-3.8X
SSE	138.30	336	(PKP)	31	25.56	-1.6
	Z 20 s		103.00um			7.6Msz
	N 20 s		40.90um			
	E 36 s		67.80um			
			ec	31	35.41	
SSE	138.30	336	PKP	31	30.00	2.9X
	Z 20 s		103.00um			7.6Msz
	N 20 s		40.90um			
	E 36 s		67.80um			
NJ2	138.30	340	ePKP	31	17.00	-10.1X
	N 18 s		30.50um			
	E 19 s		62.60um			
			PP	34	16.00	
XAN	138.75	353	PKP	31	23.50	-4.4X
	Z 25 s		66.30um			7.3Msz
	N 20 s		93.50um			
	E 22 s		91.10um			
			PP	34	16.00	
			SKS	38	37.00	
BOM	140.51	49	ePKP	31	26.80	-4.6X
			ePP	34	26.10	
GKN	140.81	26	PKP	31	25.80	-6.2X
WHN	141.08	345	ePKP	31	26.00	-6.1X
	Z 20 s		87.50um			7.5Msz
	N 30 s		46.90um			
	E 26 s		91.70um			
KKN	141.28	26	PKP	31	25.80	-7.1X
DMN	141.36	26	PKP	31	27.80	-5.7X
GUN	141.43	25	PKP	31	28.40	-4.6X
PKI	141.52	26	PKP	31	28.00	-5.5X
LSA	141.66	17	PKP	31	27.20	-6.7X
	Z 16 s		21.70um			7.0Msz
	N 16 s		44.00um			
	E 17 s		33.80um			
CD2	142.23	359	ePKP	31	31.10	-3.2X
	Z 30 s		72.60um			7.3Msz
	N 18 s		69.30um			
OIS	142.25	245	ePKP	31	31.00	-3.5X
JAY	142.30	275	ePKPc	31	30.00	-4.9X
	1.0 s		69.30nm			
ENH	142.37	351	ePKPc	31	30.76	-3.7X
OZH	144.80	335	PKP	31	36.50	-2.2
	Z 19 s		94.40um			7.6Msz
	N 19 s		80.00um			
			PP	34	59.00	
			SS	53	44.00	
ASPA	146.18	237	ePKP	31	40.20	-1.0
			e	42	11.90	
GYA	146.49	354	iPKPc	31	41.00	-0.7
	Z 28 s		75.80um			7.3Msz
	N 26 s		90.00um			
	E 26 s		123.00um			
FORT	146.82	222	ePKP	31	44.00	2.1
KMI	148.00	1	ePKPc	31	44.13	-0.1
	Z 20 s	</				

HKC	148.87	340	PKP	31	48.00	2.6X	DUG	46.04	321	eP	33	51.58	0.0	DEPTH = 10.0km (geophysicist)						
KOD	149.19	56	ePKP	31	48.00	1.5		1.0s	20.00nm				5.1mb	5.2mb (31 obs.)						
			ePP	35	18.00		PTI	47.36	324 (P)	34	01.45	-0.6		NORTHERN COLOMBIA (99)						
MCO	149.24	341	ePKPd	31	50.40	4.4X	TNP	47.81	316	eP	34	07.00	1.3							
RKG	149.79	203	ePKP	31	48.50	2.0		1.3s	17.86nm				5.0mb							
	0.7s		113.00nm				BONR	48.50	315	eP	34	10.78	-0.4	HOBC	2.67	164	eP	35	12.41	-0.8
WARB	150.63	227	ePKP	31	48.00	0.0	LRM	49.26	327	eP	34	15.70	-1.1	CLMC	3.05	174	eP	35	19.40	0.8
BCP	150.95	324	ePKP	32	02.00	13.3X	LBFM	52.53	318	eP	34	41.14	-0.6	ANCC	3.40	180	eP	35	24.65	1.2
PLP	151.70	310	ePKPc	31	56.00	6.1X	NEW	53.27	327	eP	34	44.00	-2.9X	HOQC	3.45	176	eP	35	24.85	0.4
KLB	152.04	207	ePKP	31	50.50	0.5		1.1s	26.54nm				5.1mb	PURC	4.61	173	eP	35	24.85	-16.3X
MUN	152.39	204	ePKP	31	50.00	-0.4	DPW	53.64	326	eP	34	50.09	0.5	PAG	17.42	57	eP	38	30.00	-4.2X
BIP	152.40	303	ePKPc	31	57.50	6.6X	VGB	53.84	323	eP	34	51.17	0.0	HBF	26.07	353	eP	40	05.04	0.3
TRY	152.53	320	ePKPd	31	58.00	7.0X	YKA	61.61	341	eP	35	42.40	-3.2X	SGS	26.35	353	eP	40	08.56	1.3
MAP	152.99	310	ePKP	31	56.00	4.3X		0.6s	19.50nm				5.4mb	PRM	27.49	350	eP	40	17.52	-0.2
QIZ	153.23	346	PKP	31	50.00	-1.9	TIC	70.87	86	P	36	44.90	-0.7	JSC	27.51	352	eP	40	17.61	-0.3
	N 24s		64.80um				LIC	70.90	86	P	36	45.20	-0.5	LHS	27.65	353	eP	40	19.35	0.1
	E 20s		54.30um				DCN	71.75	36	eP	36	49.60	-0.5	BLA	30.31	354 (P)		40	43.85	0.7
BAL	153.35	207	ePKP	31	51.00	-0.8	DMU	72.08	36	eP	36	51.60	-0.4		1.2s		60.39nm			5.3mb
MRWA	154.86	207	ePKP	31	55.00	1.1	DLF	72.18	36	eP	36	52.00	-0.6	NAV	30.45	354	eP	40	44.79	0.4
MEEK	155.60	215	ePKP	31	55.00	0.0	MBC	72.67	350	eP	36	53.50	-1.6	GRT	31.37	340	eP	40	52.17	-0.2
KHT	157.82	12	ePKP	32	06.00	7.9X		0.9s	9.00nm				4.9mb	OLY	31.43	337	eP	40	52.63	-0.4
MBL	158.63	227	ePKP	31	59.00	0.1	LPF	74.82	42	eP	37	08.00	-0.1	ELC	32.23	341	eP	40	59.22	-0.8
			e	32	06.00			0.8s	15.60nm				5.1mb	VVO	33.15	331	eP	41	08.10	0.1
			e	32	42.00		GRR	74.98	42	eP	37	09.00	-0.1	RLO	33.50	333	eP	41	10.80	-0.2
NANU	160.52	216	ePKP	32	02.00	1.2		0.7s	16.75nm				5.2mb	LNO	33.65	332	eP	41	11.10	-1.1
			e	32	51.00		FLN	75.27	42	eP	37	10.70	0.0	TUL	33.65	332	eP	41	11.30	-1.0
TSM	161.46	307	ePKPd	32	10.00	8.0X		0.7s	15.85nm				5.2mb		1.0s		117.30nm			5.8mb
KKM	161.56	315	ePKPd	32	04.00	1.7	MFF	75.50	44	eP	37	11.00	0.1				e	41	15.40	
IPM	168.23	10	ePKPc	32	14.40	6.4X		0.7s	15.20nm				5.2mb	SIO	33.76	331	eP	41	12.80	-0.5
	2.0s		363.00nm				EPF	75.38	48	eP	37	12.10	0.5	FNO	33.91	329	iPd	41	13.70	-1.0
			e	33	28.00			0.6s	9.00nm				5.0mb	TBR	34.15	4	eP	41	16.21	-0.4
KGM	170.97	359	ePKP	32	11.50	2.0	FBA	75.46	335	eP	37	12.69	1.2	TYNO	36.11	356	P	41	33.39	0.1
			e	34	20.80			1.6s	73.77nm				5.5mb	STCO	36.18	357	P	41	34.10	0.2
	S.D. = 1.3	on 544	of 749	obs.			LDF	75.49	42	eP	37	12.00	0.0	ACTO	36.64	356	P	41	37.95	0.2
								0.8s	20.70nm				5.2mb	WLVO	36.87	358	P	41	39.73	0.1
OCT 18, 1992 15h 24m 02.85± 1.40s							LFF	75.79	46	eP	37	13.90	0.2	RSNY	37.52	3	eP	41	45.48	0.3
36.510 N ±10.7km 71.161 E ± 5.9km								0.6s	8.20nm				5.0mb		1.0s		37.80nm			5.1mb
DEPTH = 77.8 ± 17.4 km							LPO	76.09	46	eP	37	15.50	0.0	EEO	39.61	358	eP	42	07.00	4.4X
4.8mb (5 obs.)								0.7s	12.55nm				5.1mb	LMN	40.16	13	eP	42	09.50	2.3
AFGHANISTAN-TAJIKISTAN BORD REG. (717)							RJF	76.36	45	eP	37	17.00	0.0	EMUT	44.69	322	eP	42	44.73	0.2
								0.6s	9.20nm				5.0mb	MSU	44.76	320	eP	42	45.34	0.2
QUE	7.22	210	eP	25	47.30	-0.7	LSF	76.43	44	eP	37	17.10	-0.2	DAU	45.32	323	eP	42	50.08	0.4
			eS	27	03.00		CAF	76.73	46	eP	37	19.30	0.2	DUG	46.14	321	eP	42	56.40	0.4
NDI	9.32	145	eP	26	18.00	1.4		0.7s	9.50nm				5.0mb		0.9s		9.29nm			4.8mb
	0.5s		23.94nm				TCF	76.90	44	eP	37	19.70	-0.3	PTI	47.50	325 (P)		43	06.26	-0.4
			eS	27	53.00			0.6s	4.95nm				4.8mb	BONR	48.55	316	eP	43	15.60	0.5
MAIO	9.41	272	iPc	26	17.80	-0.1	MAF	77.14	44	eP	37	21.20	-0.1	LBFM	52.60	318	eP	43	44.66	-1.2
	0.8s		10.98nm				BGF	77.35	44	eP	37	22.30	-0.2	FCC	53.37	349	eP	43	54.50	3.6X
			eS	27	56.00		AVF	77.71	44	eP	37	24.10	-0.3	NEW	53.44	327	eP	43	53.00	1.3
GKN	14.20	123	P	27	21.30	-0.3		0.8s	7.10nm				4.8mb		1.0s		20.00nm			5.0mb
DMN	14.77	123	P	27	29.06	-0.1	SSF	77.83	44	eP	37	24.60	-0.5	DPW	53.79	327	eP	43	53.50	-0.8
KKN	14.77	122	P	27	28.84	-0.3	SMF	78.04	44	eP	37	26.10	-0.2	VGB	53.96	323	eP	43	55.34	-0.2
PKI	15.00	122	P	27	32.52	0.4		0.7s	7.40nm				4.9mb	GMW	56.20	324	eP	44	11.61	-0.2
GUN	15.11	120	P	27	32.82	-0.8	LOR	78.07	43	eP	37	26.00	-0.5	YKA	61.91	341	eP	44	46.60	-4.6X
SHI	17.04	252	eP	27	58.00	0.4		0.7s	5.85nm				4.8mb		0.8s		32.90nm			5.6mb
POO	18.06	172	eP	28	04.00	-6.2X	IMA	78.09	336	eP	37	28.89	2.5	TIC	71.29	85	P	45	50.70	-1.0
GBA	23.49	165	P	29	06.90	0.5		1.3s	21.38nm				5.1mb	LIC	71.32	86	P	45	50.34	-1.5
KOD	26.78	166	eP	29	37.00	-0.6	LBF	78.15	44	eP	37	26.20	-0.7		0.7s		14.00nm			5.2mb
HFS	43.14	322	eP	31	56.90	0.1	ENN	79.53	40	eP	37	34.00	-0.3				e	51	13.00	
	0.5s		4.20nm					0.8s	13.00nm				5.0mb	KIC	71.59	86	P	45	52.12	-1.3
NB2	44.45	323	P	32	07.60	0.1	LPL	80.04	45	eP	37	38.10	0.6		1.0s		29.00nm			5.3mb
	0.6s		4.50nm				LPG	80.05	45	eP	37	38.40	0.8	DCN	72.34	36	eP	45	57.30	0.2
PLP	54.50	103	ePc	33	45.00	20.1X		1.1s	20.25nm				5.0mb	DMU	72.67	36	eP	45	59.20	0.1
CGP	55.93	106	eP	33	43.00	7.8X	BSF	80.07	43	eP	37	36.90	-0.5	DLF	72.77	36	eP	45	59.50	-0.1
YKA	81.23	3	eP	36	05.80	-5.2X		0.7s	6.70nm				4.7mb				e	17	14.00	
	0.6s		13.70nm				WTS	80.11	39	eP	37	38.00	0.7	MBC	73.04	350	eP	46	03.00	2.1
	S.D. = 0.7	on 13	of 17	obs.				0.8s	22.00nm				5.2mb		0.9s		14.00nm			5.0mb
OCT 18, 1992 15h 25m 25.73± 0.50s							CDF	80.39	42	eP	37	38.90	-0.2	LPF	75.41	42	eP	46	14.50	-0.6
7.383 N ±10.9km 76.496 W ± 4.5km							NB2	82.48	29	P	37	49.80	0.1		1.1s		29.05nm			5.2mb
DEPTH = 10.0km (geophysicist)								0.8s	3.90nm				4.6mb	GRR	75.57	42	eP	46	15.70	-0.3
5.1mb (29 obs.)							KEV	87.76	20	iP	38	20.00	4.2X		0.8s		22.05nm			5.3mb
NORTHERN COLOMBIA (99)								0.9s	33.80nm				5.7mb	FLN	75.86	42	eP	46	17.50	-0.1
PAG	16.85	58	eP	29	25.00	1.5	NUR	89.08	29	eP	38	22.00	-0.3		0.9s		20.45nm			5.2mb
MGG	17.10	59	eP	29	27.00	0.4	KAF	89.47	27	eP	38	29.00	4.9X	MFF	75.89	44	eP	46	17.60	-0.2
BPA	17.22	55	eP	29	28.00	-0.1	ADK	90.49	322	eP	38	28.49	-0.6	EPF	75.97	47	eP	46	18.60	0.2
DEG	17.51	58	eP	29	32.00	0.3		1.1s	48.44nm				5.7mb	LDF	76.08	42	eP	46	18.70	-0.2
VVO	32.95	330	eP	32	02.30	-0.4	ASPA	146.65	238	ePKP	45	08.00	-0.5		0.9s		17.35nm			5.1mb
RLO	33.28	332	eP	32	04.70	-0.9	GBA	146.76	51	PKP	45	10.20	1.4	LFF	76.38	46	eP	46	20.40	

18d 15h

MAF 77.73 44 eP 46 27.80 -0.4
0.9s 12.30nm 5.0mb
BGF 77.94 44 eP 46 28.90 -0.4
AVF 78.30 44 eP 46 30.70 -0.5
SSF 78.42 43 eP 46 31.40 -0.5
1.1s 23.95nm 5.2mb
SMF 78.63 44 eP 46 32.70 -0.4
1.0s 23.80nm 5.2mb
LOR 78.66 43 eP 46 32.70 -0.6
0.8s 10.90nm 5.0mb
LBF 78.74 44 eP 46 33.00 -0.7
ENN 80.12 40 eP 46 43.00 2.0
0.9s 18.00nm 5.0mb
WLF 80.25 41 P 46 43.00 1.3
HAU 80.36 43 eP 46 42.20 -0.2
LPL 80.63 45 eP 46 44.90 0.7
LPG 80.64 45 eP 46 45.00 0.7
1.1s 15.15nm 4.9mb
BSF 80.66 43 eP 46 43.60 -0.5
0.9s 14.90nm 5.0mb
WTS 80.70 39 eP 46 45.00 1.0
0.8s 28.00nm 5.3mb
CDF 80.98 42 eP 46 45.60 -0.2
NB2 83.06 29 P 46 56.20 -0.1
1.4s 22.80nm 5.2mb
CLL 84.57 39 eP 47 05.00 0.9
1.4s 29.00nm 5.3mb
KHC 85.12 41 eP 47 07.00 0.1
1.0s 14.00nm 5.1mb
e 47 11.80
e 50 50.00
BRG 85.20 39 iP 47 12.00 4.8X
1.2s 22.00nm 5.3mb
GEC2 85.22 42 P 47 01.20 -6.3X
0.9s 1.61nm 4.2mb
e 47 07.50
e 47 19.80
PRU 85.66 40 eP 47 11.00 1.5
VBY 86.61 45 eP 47 19.50 5.2X
KSP 86.68 39 eP 47 14.70 0.1
e 50 57.70
OJC 88.99 40 eP 47 27.60 1.9
NUR 89.66 29 eP 47 23.00 -5.6X
ASPA 146.08 237 ePKP 54 10.70 -0.5
GBA 147.34 51 PKP 54 11.00 -2.3
KOD 149.29 57 ePKP 54 22.00 5.1X
S.D. = 0.8 on 80 of 90 obs.

* OCT 18, 1992 15h 44m 24.54±0.79s
7.056 N ±18.8km 76.757 W ±16.2km
DEPTH = 10.0km (geophysicist)
4.8mb (6 obs.)
NORTHERN COLOMBIA (99)

OLY 31.37 337 eP 50 47.59 -0.1
VVO 33.11 331 eP 51 03.40 0.5
FVM 33.19 340 eP 51 03.32 -0.3
0.7s 57.46nm 5.6mb
RLO 33.45 333 eP 51 05.60 -0.3
LNO 33.60 331 eP 51 07.00 0.0
TUL 33.60 331 eP 51 07.50 0.4
1.2s 49.70nm 5.3mb
SIO 33.71 331 e(P) 51 08.30 0.1
VAO 41.73 137 (P) 52 16.00 0.3
MSU 44.75 320 (P) 52 40.07 -0.2
DUG 46.13 321 (P) 52 52.03 0.9
0.9s 3.98nm 4.4mb
BONR 48.55 316 eP 53 11.01 0.6
VGB 53.94 323 (P) 53 48.85 -1.8
LIC 71.19 86 P 55 45.60 -0.6
KIC 71.46 86 P 55 47.50 -0.4
MBC 72.94 350 eP 55 55.00 -0.6
0.6s 3.00nm 4.6mb
EKA 74.91 35 P 56 08.00 0.7
1.3s 15.30nm 4.9mb
GEC2 85.05 42 P 57 02.60 0.7
0.8s 2.06nm 4.4mb
e 57 05.70
S.D. = 0.7 on 17 of 17 obs.

? OCT 18, 1992 15h 54m 04.69±3.50s
7.634 N ±81.9km 76.324 W ±22.7km
DEPTH = 10.0km (geophysicist)
4.5mb (6 obs.)
NORTHERN COLOMBIA (99)

CUM 12.33 76 eP 57 14.00 10.8X

OXX 22.01 297 (P) 59 43.00 3.2X
PV10 42.51 321 eP 02 03.00 0.7
EMUT 44.48 322 eP 02 18.64 0.3
ARUT 45.03 317 eP 02 22.96 0.3
DAU 45.11 322 eP 02 24.77 1.3
PLM 45.35 310 ePc 02 25.45 0.2
PEC 45.81 311 eP 02 28.10 -0.6
0.9s 4.93nm 4.5mb
DUG 45.95 321 eP 02 30.05 0.2
0.7s 4.22nm 4.5mb
PTI 47.26 324 eP 02 39.86 -0.3
TNP 47.75 316 eP 02 44.90 0.7
0.3s 0.65nm 4.2mb
BONR 48.44 315 eP 02 49.90 0.2
LRM 49.14 327 eP 02 54.20 -0.7
e 03 46.10
ORV 51.40 315 eP 03 12.28 0.4
LBFM 52.46 317 eP 03 18.62 -1.6
NEW 53.16 327 eP 03 23.70 -1.4
0.7s 4.80nm 4.6mb
TCF 76.60 44 eP 06 05.60 8.3X
1.1s 15.15nm 5.0mb
KHC 84.23 41 eP 06 39.00 1.2
GEC2 84.33 42 Pd 06 37.40 -1.0
0.9s 1.56nm 4.2mb
PRU 84.77 40 P 06 40.60 0.1
S.D. = 0.9 on 17 of 20 obs.

OCT 18, 1992 15h 54m 52.80±0.44s
6.804 N ±9.6km 76.805 W ±4.9km
DEPTH = 10.0km (geophysicist)
5.1mb (32 obs.)
NORTHERN COLOMBIA (99)

MORO 9.31 64 ePd 57 08.20 -2.0
LLAV 10.53 69 eP 57 24.70 -2.4
PAG 17.42 57 eP 59 00.00 2.3
VVO 33.31 331 eP 01 32.20 -0.7
RLO 33.65 333 e(P) 01 35.00 -0.9
LNO 33.80 332 eP 01 35.70 -1.3
TUL 33.80 332 eP 01 35.90 -1.2
0.8s 19.20nm 5.1mb X
SIO 33.91 331 e(P) 01 37.40 -0.7
FNO 34.07 329 iPd 01 35.20 -4.3X
PPD 38.02 140 (P) 02 11.00 -2.1
LMN 40.26 13 eP 02 36.50 4.9X
PV10 42.86 322 eP 02 54.40 1.1
JFO 43.38 132 (P) 02 57.00 -0.4
ARUT 45.32 318 eP 03 13.73 0.7
DAU 45.47 323 eP 03 14.62 0.2
PLM 45.53 311 iPc 03 15.85 1.1
PEC 45.99 312 eP 03 18.28 0.0
0.9s 7.17nm 4.7mb
DUG 46.29 321 eP 03 20.99 0.3
0.8s 10.13nm 4.9mb
TPNV 46.78 316 (P) 03 25.60 1.0
0.8s 12.10nm 5.0mb
PTI 47.65 325 eP 03 31.35 -0.1
HHA 47.92 325 eP 03 33.04 -0.4
TNP 48.01 317 eP 03 34.09 -0.3
0.6s 8.99nm 5.0mb
BONR 48.70 316 ePc 03 40.57 0.8
BCH 48.72 312 eP 03 40.61 0.8
ORV 51.65 316 eP 04 01.30 -0.7
NTYM 51.95 314 eP 04 03.79 -0.4
SES 51.98 333 eP 04 04.00 -0.4
LBFM 52.75 318 eP 04 09.83 -0.6
NEW 53.59 328 eP 04 15.19 -1.1
1.0s 9.50nm 4.7mb
FHC 53.91 316 eP 04 18.99 0.2
0.9s 56.77nm 5.6mb
VGB 54.11 323 eP 04 19.36 -0.8
YKA 62.06 341 eP 05 09.80 -5.9X
0.7s 10.80nm 5.1mb
LIC 71.25 86 P 06 10.12 -4.8X
KIC 71.52 86 P 06 12.40 -4.1X
DCN 72.40 36 eP 06 22.00 1.0
DMU 72.73 36 eP 06 23.50 0.6
MBC 73.18 350 eP 06 24.00 -1.2
KLU 74.15 332 eP 06 30.98 -0.2
LPF 75.45 42 eP 06 38.70 -0.1
GRR 75.61 42 eP 06 39.10 -0.6
0.8s 17.05nm 5.2mb
FLN 75.90 42 eP 06 41.70 0.3
1.3s 45.85nm 5.4mb
MFF 75.92 44 eP 06 42.00 0.4

EPF 0.7s 14.00nm 5.2mb
75.99 47 eP 06 42.90 0.8
1.5s 50.65nm 5.4mb
LDF 76.12 42 eP 06 42.70 0.1
1.1s 31.25nm 5.3mb
LFF 76.41 46 eP 06 44.70 0.4
1.2s 33.30nm 5.3mb
LPO 76.71 46 eP 06 46.30 0.3
1.1s 27.10nm 5.3mb
RJF 76.98 45 eP 06 47.70 0.2
1.1s 21.50nm 5.2mb
LSF 77.05 44 eP 06 48.10 0.2
1.0s 11.80nm 4.9mb
CAF 77.35 46 eP 06 49.90 0.3
1.4s 50.95nm 5.4mb
MAF 77.77 44 eP 06 51.90 0.0
1.0s 14.00nm 5.0mb
BGF 77.98 44 eP 06 53.10 0.1
1.2s 25.00nm 5.2mb
AVF 78.34 44 eP 06 54.90 0.0
1.1s 13.65nm 4.9mb
SSF 78.45 43 eP 06 55.50 -0.1
1.3s 24.20nm 5.1mb
SMF 78.67 44 eP 06 56.80 0.0
1.3s 40.05nm 5.3mb
SVW 78.67 331 eP 06 55.40 -1.2
0.8s 20.19nm 5.2mb
LOR 78.70 43 eP 06 56.90 -0.1
1.2s 15.75nm 4.9mb
LBF 78.77 44 eP 06 57.00 -0.4
1.0s 5.40nm 4.5mb
DOU 79.30 40 P 07 02.90 2.8X
ENN 80.17 40 eP 07 06.00 1.2
0.7s 6.00nm 4.7mb
WLF 80.30 41 P 07 07.00 1.6
HAU 80.40 43 eP 07 06.10 -0.1
LPL 80.66 45 eP 07 08.90 1.1
LPG 80.67 45 eP 07 09.20 1.2
BSF 80.70 43 eP 07 07.60 -0.3
1.1s 15.15nm 4.9mb
WTS 80.75 39 eP 07 05.00 -2.8
0.8s 20.00nm 5.2mb
CDF 81.03 42 eP 07 09.80 0.3
1.1s 17.10nm 5.0mb
NB2 83.14 29 P 07 20.30 0.1
1.0s 7.20nm 4.8mb
KHC 85.16 41 P 07 31.50 0.9
1.3s 9.70nm 4.9mb
GEC2 85.26 42 P 07 23.50 -7.7X
e 07 27.60
GEC2 85.26 42 P 07 31.40 0.2
0.9s 3.90nm 4.6mb
PRU 85.71 40 eP 07 34.00 0.7
KSP 86.73 39 ePc 07 39.20 0.9
ZST 87.58 42 e(P) 07 43.50 1.0
e 16 40.90
NUR 89.73 29 eP 07 55.00 2.6X
RMQ 132.48 240 iPKPd 14 11.00 1.0
0.4s 5.00nm
GKN 141.03 27 PKP 14 19.86 -6.2X
KKN 141.50 26 PKP 14 19.60 -7.4X
DMN 141.58 26 PKP 14 19.20 -8.0X
GUN 141.65 25 PKP 14 21.26 -6.2X
PKI 141.74 26 PKP 14 19.82 -7.8X
ASPA 146.08 237 ePKP 14 34.50 -0.2
KOD 149.29 57 ePKP 14 41.00 0.6
WARB 150.49 227 ePKP 14 46.00 4.5X
S.D. = 0.9 on 69 of 83 obs.

* OCT 18, 1992 15h 55m 03.48±1.54s
16.560 S ±11.9km 167.424 E ±9.9km
DEPTH = 34.0 ±13.5 km
4.6mb (5 obs.)
VANUATU ISLANDS (186)

BKM 1.35 145 iPd 55 26.50 0.2
IS 55 55.50
PVC 1.45 144 iPd 55 28.00 0.3
IS 55 48.00
DZM 5.56 189 iPd 56 24.30 -1.8
IS 57 27.50
HNR 10.16 313 e(P) 57 31.00 0.8
eS 59 19.00
SVO 10.45 314 eP 57 41.00 6.9X
BRS 17.32 229 ePKP 59 06.00 1.5
RMQ 19.96 237 iPc 59 36.70 0.9
1.0s 66.00nm 4.9mb

ARMA	19.97	224	eP	59	41.60	5.6X	IHA	40.46	174	eP	10	04.00	2.5X	0.9s	17.70nm	5.1mb				
	1.0s	22.00nm			4.4mb		VAO	41.82	137	eP	10	00.70	-12.3X	RJF	77.02	45	eP	15	45.10	-0.4
CTA	20.40	257	iPc	59	40.50	0.1	GLA	43.68	311	eP	10	27.35	-0.7		1.0s	13.20nm			5.0mb	
	1.0s	6.25nm			3.9mb		SRU	43.94	321	eP	10	30.26	0.1	CAF	77.38	46	eP	15	47.30	-0.2
STK	27.96	232	eP	00	53.20	0.1	EMUT	44.54	322	eP	10	35.42	0.2		0.9s	12.60nm			5.0mb	
	0.6s	6.00nm			4.5mb		MSU	44.63	319	eP	10	36.62	0.7	TCF	77.56	44	eP	15	48.00	-0.5
							ARUT	45.06	318	eP	10	39.97	0.7		0.8s	5.90nm			4.7mb	
ASPA	32.21	252	ePKP	01	29.10	-1.8	DAU	45.17	322	ePc	10	40.83	0.5	MAF	77.80	44	eP	15	49.40	-0.4
					04 08.80		ULM	45.67	343	eP	10	45.50	1.8		0.7s	5.75nm			4.7mb	
MAT	59.59	333	eP	05	04.00	-2.4	PTI	47.33	324	eP	10	57.29	0.1	BGF	78.01	44	eP	15	50.50	-0.4
KMI	75.40	302	eP	06	45.50	-0.7	HHAI	47.60	325	ePd	10	59.29	0.1	AVF	78.37	44	eP	15	52.20	-0.7
	1.5s	40.00nm			5.2mb		LRM	49.23	327	eP	11	11.50	-0.4		1.1s	8.30nm			4.7mb	
MRA	109.61	134	e(PKP)	13	24.00	-8.8X	DPW	53.61	326	iPc	11	44.03	-0.7	SSF	78.49	43	eP	15	52.80	-0.7
NUR	128.61	337	ePKP	14	06.60	-1.7	YKA	61.60	341	eP	12	33.50	-7.3X		1.0s	13.20nm			4.9mb	
KHC	141.17	332	ePKP	14	30.50	-1.8		0.8s	13.70nm					SMF	78.70	44	eP	15	54.20	-0.5
					14 38.50			70.92	86	P	13	40.76	-0.4		1.0s	15.40nm			5.0mb	
					15 26.50			0.7s	8.50nm					LOR	78.74	43	eP	15	54.30	-0.6
GEC2	141.33	332	PKP	14	33.60	0.9	LIC	70.95	86	P	13	41.14	-0.2		1.1s	15.15nm			4.9mb	
	1.0s	1.76nm						0.7s	14.00nm					LBF	78.81	44	eP	15	54.50	-0.8
CDF	144.31	337	iPKPc	14	35.50	-2.3	KIC	71.22	86	P	13	42.94	-0.1		1.0s	8.20nm			4.7mb	
	1.0s	7.80nm						0.8s	17.50nm					DOU	79.34	40	P	15	57.20	-0.9
BSF	144.98	337	iPKPc	14	37.50	-1.5	MBC	72.66	350	eP	13	50.50	0.1	ENN	80.21	40	eP	16	02.50	-0.2
	1.0s	10.60nm					NB2	82.51	29	P	14	47.10	1.9		0.8s	13.00nm			5.0mb	
HAU	145.00	338	iPKPc	14	37.70	-1.2		0.9s	4.50nm					WLF	80.33	41	P	16	03.00	-0.4
	0.9s	13.60nm					GEC2	84.66	42	P	15	00.90	4.4X	HAU	80.44	43	eP	16	03.60	-0.5
FLN	146.40	345	iPKPc	14	40.60	-0.6		1.0s	2.00nm					LPL	80.70	45	eP	16	06.20	0.5
	0.5s	14.45nm					GEC2	84.66	42	e(P)	15	02.20	5.7X		1.1s	10.25nm			4.8mb	
LDF	146.47	345	iPKPc	14	40.80	-0.5		0.8s	1.40nm					LPG	80.71	45	eP	16	06.40	0.5
	0.6s	13.10nm					ASPA	146.61	238	ePKP	22	04.80	1.0	BSF	80.74	43	eP	16	05.10	-0.7
LOR	146.50	340	iPKPc	14	41.40	0.0					23	37.60			0.9s	11.80nm			4.9mb	
	0.7s	13.45nm						S.D. = 1.0 on 23 of 29 obs.					WTS	80.79	38	eP	16	06.00	0.3	
LBF	146.71	339	iPKPc	14	42.10	0.3								0.8s	23.00nm			5.3mb		
SSF	146.80	340	iPKPc	14	42.40	0.5								CDF	81.06	42	eP	16	06.90	-0.5
	0.7s	23.80nm												1.0s	11.60nm			4.9mb		
GRR	146.84	346	iPKPc	14	42.10	0.2								NB2	83.19	29	P	16	17.80	-0.3
	0.5s	15.95nm												1.0s	9.50nm			4.9mb		
LPL	146.91	335	iPKPc	14	43.20	0.8								GRF	83.63	41	eP	16	21.10	0.5
	0.6s	4.05nm												CLL	84.66	39	iPd	16	26.70	1.0
LPG	146.92	335	iPKPc	14	43.40	0.9								KHC	85.20	41	P	16	29.00	0.5
	0.7s	7.40nm					DTMT	17.33	60	eP	07	59.68	5.1X		1.0s	7.00nm			4.8mb	
SMF	147.05	339	iPKPc	14	42.90	0.6	LHS	27.86	353	eP	09	41.80	-0.6							
AVF	147.08	340	iPKPc	14	42.90	0.6	OLY	31.65	337	eP	10	15.90	-0.3	BRG	85.29	39	iP	16	29.60	0.7
	0.6s	3.25nm					ELC	32.45	341	eP	10	23.14	-0.1		1.0s	20.00nm			5.3mb	
LPF	147.21	346	iPKPc	14	43.30	0.8	VVO	33.38	331	eP	10	31.70	0.4	GEC2	85.30	42	P	16	29.10	0.0
	0.5s	21.30nm					FVM	33.48	340	eP	10	30.93	-1.3		0.9s	8.11nm			4.9mb	
BGF	147.46	340	iPKPc	14	44.10	1.2		0.8s	93.84nm					GEC2	85.30	42	e(P)	16	29.60	0.5
	0.6s	12.00nm												0.9s	8.80nm			5.0mb		
MAF	147.84	340	iPKPc	14	45.30	1.7	RLO	33.72	333	eP	10	35.18	15km	PRU	85.75	40	eP	16	32.00	0.8
	0.6s	5.30nm					LNO	33.87	332	eP	10	35.60	0.2	KSP	86.77	39	eP	16	37.20	1.0
TCF	147.90	341	iPKPc	14	45.30	1.6	TUL	33.87	332	eP	10	36.00	0.5	OJC	89.08	40	eP	16	49.40	2.1
	0.8s	13.85nm						0.8s	29.80nm					SPC	89.53	41	e(P)	16	50.80	1.1
SBF	147.93	332	ePKP	14	46.00	2.1X								NUR	89.78	29	eP	16	51.00	0.6
LSF	148.15	341	iPKPc	14	45.80	1.7								KOD	149.31	57	ePKP	23	43.00	4.9X
	0.5s	11.60nm													S.D. = 0.9 on 62 of 64 obs.					
PGF	148.20	329	iPKPc	14	47.00	2.6X														
	0.6s	12.45nm																		
MFF	148.31	344	iPKPc	14	46.30	2.0X														
	0.7s	24.45nm																		
FRF	148.52	333	ePKP	14	46.90	2.2X														
LRG	148.73	333	ePKP	14	47.70	2.7X														
LMR	148.76	333	ePKP	14	47.50	2.4X														
RJF	149.00	341	ePKP	14	48.30	2.8X														
	0.6s	7.95nm																		
CAF	149.15	340	iPKPc	14	49.00	3.3X														
LFF	149.57	341	iPKPc	14	49.90	3.6X														
	0.6s	7.75nm																		
LPO	149.66	340	iPKPc	14	50.00	3.6X														
	0.8s	13.85nm																		
	S.D. = 1.3 on 32 of 45 obs.																			

18d 16h

PAG	17.26	57	eP	09 45.00	-2.4	LBFM	52.63	318	ePc	15 00.09	-1.2	EPF	75.81	47	eP	17 33.30	0.6
BPA	17.63	54	eP	09 51.31	-0.7	WDC	52.72	317	eP	14 58.61	-3.1X	SLKM	75.82	331	eP	17 29.99	-2.4
CPB	17.98	53	eP	09 53.21	-3.1X		1.0s	13.59nm			4.8mb	LDF	75.93	42	eP	17 33.40	0.2
OXX	21.93	299	(P)	10 42.50	2.2	FCC	53.32	349	ePd	15 08.30	2.5		0.9s	67.50nm		5.7mb	
IISM	23.33	303	(P)	10 56.00	2.2	NEW	53.45	327	eP	15 05.00	-2.0	DAG	76.16	12	iPd	17 33.20	-0.8
ARE	23.89	167	iPc	11 00.00	0.3		1.2s	122.73nm			5.8mb		1.0s	35.00nm		5.4mb	
IIT	24.13	302	(P)	11 14.00	12.1X	FOX	53.69	316	iPc	15 09.02	0.3	LFF	76.22	46	eP	17 29.40	-5.5X
UNM	25.01	301	(P)	11 13.00	2.6	FHC	53.81	316	iPc	15 09.72	0.0	LFF	76.22	46	eP	17 35.00	0.1
HBF	26.01	353	(P)	11 23.25	3.9X	DPW	53.81	326	eP	15 09.22	-1.4	LPO	76.52	46	eP	17 36.80	0.1
SGS	26.29	353	(P)	11 23.02	1.1	VGB	53.99	323	eP	15 09.60	-1.3		0.8s	34.65nm		5.5mb	
MRX	26.88	300	(P)	11 29.00	1.5	LON	55.24	324	ePc	15 18.98	-1.2	RJF	76.79	45	eP	17 38.20	0.0
PRM	27.44	350	eP	11 33.46	1.0	RMW	55.61	324	eP	15 20.28	-2.6		1.1s	69.10nm		5.7mb	
JSC	27.45	352	eP	11 33.07	0.5	BMW	55.95	323	(P)	15 24.34	-0.9	SPU	76.82	331	eP	17 36.46	-1.6
LHS	27.59	353	eP	11 34.53	0.7	GMW	56.22	324	eP	15 25.45	-1.7	LSF	76.86	44	eP	17 38.50	0.0
BLA	30.25	354	eP	11 59.43	1.6	MCW	56.83	325	eP	15 30.25	-1.3		1.0s	49.60nm		5.5mb	
	0.8s	43.77nm			5.4mb	PGC	57.17	325	eP	15 33.50	-0.3	CRP	76.88	331	eP	17 36.99	-1.5
NAV	30.39	354	eP	11 59.38	0.3	MBO	59.07	77	iPd	15 48.70	1.0	CAF	77.16	46	eP	17 40.50	0.3
GRT	31.34	340	eP	12 07.13	-0.3	YKA	61.88	341	P	16 04.00	-2.2		1.4s	136.80nm		5.8mb	
OLY	31.42	337	eP	12 06.75	-1.3		0.7s	38.00nm			5.7mb	TCF	77.33	44	eP	17 41.20	0.0
UYO	31.59	331	iPd	12 05.40	-4.2X	ANTZ	66.39	62	iP	16 36.00	-0.2		0.7s	17.55nm		5.3mb	
ELC	32.21	341	eP	12 13.72	-1.2	TIO	68.84	60	iP	16 53.00	1.2	MAF	77.58	44	eP	17 42.50	0.0
MZX	32.76	303	(P)	12 21.50	1.6	AVE	68.92	57	eP	16 41.00	-11.0X		1.2s	62.80nm		5.6mb	
VVO	33.15	331	eP	12 21.30	-1.9			i	16 53.00	41kmX		BGF	77.79	44	eP	17 43.70	0.1
FVM	33.24	340	eP	12 22.74	-1.2			i	17 17.50			0.8s	33.20nm		5.5mb		
	0.8s	132.23nm			5.9mb	STS	69.31	47	eP	16 49.30	-4.9X	AVF	78.15	44	eP	17 45.40	-0.2
RLO	33.49	333	eP	12 24.20	-2.0	EVAL	69.92	53	eP	16 58.21	0.2		1.1s	48.35nm		5.5mb	
LNO	33.64	331	eP	12 25.70	-1.7	ERUA	70.26	48	eP	16 55.63	-4.4X	SSF	78.26	43	eP	17 46.10	-0.1
TUL	33.64	331	eP	12 25.90	-1.6	EMON	70.29	46	eP	17 01.56	1.3	IMA	78.33	336	eP	17 45.50	-0.9
	1.4s	192.50nm			5.8mb	EPLA	70.73	50	eP	17 02.77	-0.2		1.3s	53.50nm		5.5mb	
LVNJ	33.70	3	(P)	12 31.87	4.0X	EJIF	70.81	54	eP	17 04.64	1.1	COLF	78.34	45	P	17 45.36	-1.4
PNJ	33.83	4	eP	12 32.60	3.6X	EHOR	71.12	53	eP	17 05.53	0.2	SMF	78.48	44	eP	17 47.40	0.0
		i	12 35.10	9km	TIC	71.15	85	P	17 04.50	-1.5		1.1s	64.95nm		5.6mb		
FNO	33.92	329	iPd	12 28.40	-1.5		1.2s	237.00nm			6.2mb	LOR	78.51	43	eP	17 47.40	-0.2
TBR	34.06	3	eP	12 31.51	0.5	LIC	71.18	86	P	17 04.86	-1.3	SVW	78.52	331	eP	17 45.90	-1.5
MEQ	34.18	327	iPc	12 29.70	-2.5		1.1s	320.50nm			6.3mb	LBF	78.58	44	eP	17 47.70	-0.3
DLA	35.95	354	P	12 48.80	1.6	KIC	71.45	86	P	17 06.64	-1.1		1.5s	62.15nm		5.4mb	
TYNO	36.04	356	P	12 49.80	1.9		1.1s	348.50nm			6.4mb	TTA	78.91	333	eP	17 48.40	-1.1
LDN	36.10	354	P	12 50.25	1.9	ELUQ	71.87	53	eP	17 12.76	2.8X	SNF	78.92	40	iPd	17 50.37	0.7
STCO	36.11	357	P	12 48.43	-0.1	DCN	72.19	36	eP	17 11.30	-0.1	SSB	78.93	45	P	17 50.02	0.1
ELF	36.26	354	P	12 51.50	1.7		0.7s	89.00nm			6.0mb	DOU	79.10	40	P	17 51.80	1.1
ACTO	36.57	356	P	12 53.40	1.0	BALM	72.21	332	eP	17 11.11	-0.5	VITF	79.97	42	P	17 56.13	0.6
WLVO	36.79	358	P	12 55.32	1.1	GUD	72.26	50	eP	17 12.28	0.0	ENN	79.97	40	eP	17 56.50	1.1
RSNY	37.44	3	(P)	13 01.07	1.4	ECB	72.28	37	eP	17 13.40	1.4		1.0s	48.00nm		5.4mb	
	0.9s	38.07nm			5.2mb	EBAN	72.31	52	eP	17 15.16	2.7	WLF	80.10	41	iPc	17 56.59	0.5
PPD	38.14	140	eP	13 03.30	-2.5	EGUA	72.37	54	eP	17 15.09	2.2	BRW	80.19	341	eP	17 55.39	-0.8
EEO	39.53	357	eP	13 21.50	4.3X	ECOG	72.41	53	eP	17 13.51	0.3	HAU	80.21	43	eP	17 56.90	0.1
LMN	40.05	13	eP	13 28.50	7.0X	ECF	72.49	37	eP	17 14.70	1.5	LMR	80.33	47	eP	17 57.90	0.4
IHA	40.11	173	eP	13 23.20	1.2	DMU	72.53	36	eP	17 13.20	-0.2	FRF	80.43	47	eP	17 58.40	0.4
CBM	40.46	9	(P)	13 28.93	4.1X		0.7s	95.00nm			6.0mb	LPL	80.47	45	eP	17 59.50	1.0
VAO	41.69	137	eP	13 30.60	-4.7X	AIA	72.66	175	eP	17 15.20	1.3		0.8s	16.40nm		5.1mb	
JFO	43.47	132	eP	13 41.10	-8.8X	ETA	72.69	37	eP	17 14.20	-0.2	WIT	80.47	38	eP	17 59.00	1.0
		i	13 48.30	24kmX	MBC	72.99	350	ePc	17 14.50	-1.3	LPG	80.49	45	eP	17 59.70	1.0	
SRU	44.11	322	ePd	13 54.59	-0.4		1.0s	19.00nm			5.1mb		0.8s	15.30nm		5.1mb	
EMUT	44.71	322	eP	13 59.75	-0.2	EVIA	73.35	52	eP	17 21.53	2.8X	BSF	80.51	43	eP	17 58.30	-0.2
MSU	44.79	320	eP	14 00.06	-0.5	RUV	73.37	252	eP	17 23.00	4.0X		1.2s	55.35nm		5.4mb	
ARUT	45.21	318	eP	14 03.62	-0.2		1.6s	150.00nm			5.8mb	LOMF	80.53	43	P	17 59.20	0.6
DAU	45.35	323	eP	14 04.89	-0.2	ENIJ	73.47	54	eP	17 19.42	0.1	WTS	80.55	39	eP	17 59.00	0.6
PLM	45.44	311	ePd	14 06.17	0.4	TPT	73.55	252	eP	17 23.00	3.0X		0.8s	59.00nm		5.6mb	
PEC	45.90	311	iPc	14 09.51	0.3		1.6s	125.00nm			5.7mb	CDF	80.83	42	eP	18 00.30	0.1
	1.0s	40.68nm			5.4mb	VAH	73.62	252	eP	17 22.00	1.6		1.1s	51.75nm		5.5mb	
ULM	45.97	343	eP	14 11.00	1.5		1.6s	125.00nm			5.7mb	LANF	81.18	42	P	18 02.89	1.0
DUG	46.17	321	eP	14 10.65	-0.7	ECRI	73.69	48	eP	17 20.41	-0.1	MMK	81.33	45	P	18 08.27	5.3X
	0.9s	39.81nm			5.4mb	PMO	73.82	252	eP	17 24.00	2.4	FEL	81.33	43	P	18 01.07	-1.8
GSC	46.28	313	eP	14 12.02	-0.2		1.6s	150.00nm			5.8mb	TNS	81.58	40	iPd	18 05.00	1.0
SSK	46.44	311	eP	14 13.81	0.2	KLU	74.00	332	ePc	17 21.27	-0.7	ZLA	81.59	43	P	18 08.13	4.0X
JAQ	46.66	1	eP	14 15.00	0.2	TOA	74.27	333	eP	17 23.50	0.0	SLE	81.66	43	P	18 05.01	0.6
TPNV	46.68	316	eP	14 15.64	0.2	EAB	74.44	34	eP	17 27.30	2.8X	TMA	81.96	44	P	18 07.55	1.3
	1.1s	57.34nm			5.5mb		0.9s	26.00nm			5.3mb	VDL	82.36	44	P	18 12.64	4.3X
PTI	47.52	325	eP	14 21.28	-0.8	ELO	74.83	33	eP	17 28.60	1.8	OSS	82.82	44	P	18 11.60	0.9
HHA I	47.79	325	eP	14 23.39	-0.7	EBH	74.91	34	eP	17 29.40	2.2	N82	82.93	29	P	18 11.50	0.8
ABL	47.85	311	eP	14 24.48	-0.4	EKA	74.94	35	P	17 27.00	-0.4		1.3s	28.90nm		5.3mb	
TNP	47.91	316	eP	14 24.20	-1.0		1.6s	106.40nm			5.6mb	GRF	83.39	41	iPc	18 14.00	0.7
	1.0s	62.58nm			5.7mb	EBL	75.08	34	eP	17 31.20	3.0X	MOX	83.59	40	eP	18 14.50	0.2
BONR	48.59	316	eP	14 30.71	0.1	EDU	75.23	33	eP	17 29.00	0.0		2.0s	132.00nm		5.8mb	
BCH	48.63	311	eP	14 30.20	-0.6		1.0s	86.00nm			5.7mb	COP	83.80	35	iP	18 21.00	5.8X
MEMM	48.90	315	eP	14 33.39	0.8	GRR	75.42	42	eP	17 30.40	0.1		0.7s	41.10nm		5.8mb	
KVN	48.99	317	eP	14 33.49	0.0		1.0s	80.00nm			5.7mb	CLL	84.43	39	iP	18 19.20	0.7
PHAM	49.14	312	eP	14 34.20	-0.3	PMR	75.52	332	eP	17 29.90	-0.7		2.1s	145.00nm		5.8mb	
LRM	49.43	328	ePc	14 35.90	-1.0		1.3s	123.70nm			5.8mb	WET	84.51	41	eP	18 19.30	0.3
ARN	50.61	313	eP	14 45.72	0.0	FBA	75.69	335	eP	17 31.00	-0.6	KHC	84.96	41	P	18 22.00	0.7
GCC	50.81	313	iPc	14 47.07	-0.2		1.2s	78.30nm			5.7mb		1.1s	23.40nm		5.3mb	
PCC	51.28	313	iPc	14 50.69</													

BSD	1.0s	2.90nm	4.5mb	X	PRZ	3.94	82	Sn	16	28.50		1.2s	14.00nm	4.6mb			
	85.25	35 iP	18	26.50	4.0X			iPnc+	15	51.00	4.4X		epP	22	16.00	51kmX	
	0.8s	25.00nm		5.5mb				iS	16	45.00		UPP	37.89	317 iP	22	02.60	-0.1
PRU	85.51	40 P	18	24.60	0.6	WMO	10.83	76 P	17	21.40	-1.4	KSP	39.24	303 iPc	22	14.50	0.3
	1.7s	84.90nm		5.7mb		BRVK	11.16	351 iPc	17	21.00	-6.1X			i	22	20.90	22km
		e	18	28.40	12km		0.7s	264.00nm		6.6mb	X			e	23	44.60	
UPP	86.19	30 iP	18	25.80	-1.2		Z	22s	102.48um		4.0msz	BSD	39.49	310 iPc	22	15.00	-1.2
VBY	86.45	45 eP	18	30.40	1.7			eS	19	22.00			0.7s	23.00nm		5.0mb	
KSP	86.54	39 ePc	18	29.70	0.7	MAIO	12.03	246 eP	17	38.00	-1.0	SSE	39.66	90 Pc	22	18.50	0.6
		id	18	35.00	17km		0.8s	18.30nm		5.4mb			1.0s	18.00nm		4.7mb	
PTJ	86.90	44 iP	18	33.50	2.5			eS	19	37.00		TIK	40.01	24 iPc	22	19.80	-0.5
VRAC	86.91	41 eP	18	32.70	1.9	ASH	12.04	255 eP	17	38.50	-0.6		1.0s	190.00nm		5.8mb	
	2.4s	360.70nm		6.2mb				S	19	47.50				i	22	24.00	14km
		e	18	35.10	8km	QUE	12.85	205 eP	17	50.80	0.7	MDJ	40.45	67 eP	22	24.80	0.5
ZST	87.39	42 eP	18	34.20	1.0			eS	20	14.00			1.0s	17.00nm		4.7mb	
KEV	88.19	20 iP	18	38.00	1.4	NDI	13.76	165 iPc	18	01.60	-0.4	PRU	40.50	302 P	22	25.50	0.9
	1.0s	40.00nm		5.7mb			0.4s	101.69nm		6.0mb				e	22	31.50	20km
SRO	88.25	42 eP	18	37.30	0.0			iS	20	28.00		COP	40.83	311 iPc	22	28.00	0.8
SDF	88.58	22 iP	18	38.20	-0.4	SVE	16.80	336 ePd	18	36.00	-5.1X		0.9s	67.23nm		5.4mb	
BUD	88.77	42 e(P)	18	40.30	0.5	GKN	16.88	143 P	18	40.66	-1.9	NB2	41.08	319 P	22	29.10	-0.2
OJC	88.84	40 eP	18	42.00	1.9	ARU	17.14	332 eP	18	40.00	-5.4X		0.8s	39.40nm		5.2mb	
	1.3s	81.00nm		5.8mb				e	21	44.50		VBY	41.14	295 ePc	22	30.00	0.1
		i	18	46.70	15km	UER	17.16	49 iP	18	44.80	-0.8			i	22	36.30	21km
SPC	89.30	41 eP	18	44.60	2.0		1.5s	210.00nm		5.0mb		CLL	41.19	304 iPc	22	30.30	0.1
		e	21	55.40		KKN	17.36	141 P	18	46.74	-1.8		1.5s	41.00nm		4.9mb	
NUR	89.52	29 iP	18	42.70	-0.4	DMN	17.43	142 P	18	47.94	-1.6			e	22	36.00	19km
KAF	89.91	27 iP	18	44.50	-0.4	GUN	17.54	140 P	18	49.36	-1.6	GEC2	41.29	300 e(P)	22	38.40	7.2X
	0.9s	10.70nm		5.1mb		PKI	17.61	141 P	18	49.76	-2.0		0.6s	13.50nm		4.9mb	
ADK	90.63	322 eP	18	48.50	0.1	LSA	19.08	125 P	19	14.20	4.2X	GEC2	41.29	300 Pc	22	32.00	0.8
	1.2s	210.10nm		6.3mb		GRO	20.17	283 eP	19	25.00	3.5X		0.5s	7.80nm		4.7mb	
UZH	90.73	41 eP	18	50.50	1.5		1.0s	160.00nm		5.3mb		KHC	41.30	301 P	22	38.20	21km
		e	18	54.10	11km	GTA	20.38	89 iPc	19	25.00	1.1			e	22	32.50	1.3
SKO	91.41	48 iP	18	56.50	4.2X		1.5s	350.00nm		5.5mb			1.0s	7.00nm		4.3mb	
PUL	92.45	29 (P)	19	00.00	3.4X	TAB	20.85	268 eP	19	30.00	1.1			e	22	38.50	20km
MLR	93.85	43 ePc	19	02.00	-1.6	MOY	21.22	54 eP	19	32.90	0.6	WET	41.74	301 eP	22	36.00	1.2
CVO	93.93	43 ePd	19	10.00	6.2X	ERE	21.60	275 iP	19	39.00	2.7	MOX	42.19	304 eP	22	38.70	0.3
VRI	94.29	43 ePd	19	08.00	2.6	PYA	22.00	285 eP	19	40.00	-0.2		1.6s	47.00nm		5.0mb	
OBN	97.29	32 eP	19	17.50	-1.4			i	20	03.00	111kmX			e	22	45.40	23km
MOS	97.56	31 eP	19	22.00	1.9	KIV	22.27	285 eP	19	49.80	6.8X			e	24	23.00	
		e	19	25.00	9km		0.8s	184.00nm		5.6mb		GRF	42.66	302 iPc	22	44.00	1.7
ARMA	129.10	236 ePKP	24	54.20	-1.0	ZAK	22.34	58 iPc	19	44.20	0.7		1.0s	48.00nm		5.2mb	
	0.7s	7.00nm					1.5s	100.00nm		5.1mb				i (pP)d	22	50.00	20km
CNB	129.24	230 iPKPc	24	54.40	-0.9	IRK	23.36	53 eP	19	54.20	0.7	WTTA	43.04	299 iPd	22	45.70	0.0
	1.2s	44.00nm					1.3s	49.00nm		4.9mb			0.5s	11.40nm		4.9mb	
CAN	129.52	229 ePKP	24	53.00	-2.8			e	20	17.00	107kmX			i	22	51.60	20km
HHC	131.77	352 PKP	25	00.30	0.3	POO	23.46	178 iPc	19	56.30	1.5			i	24	32.30	
STK	136.56	230 ePKP	25	07.40	-1.8			iS	24	23.00		OSS	44.19	298 P	22	54.93	0.0
	0.8s	8.10nm				LZH	24.51	94 eP	20	07.00	2.0	VDL	44.69	298 P	22	58.97	-0.1
LZH	137.13	359 ePKP	25	09.00	-1.4		2.0s	98.00nm		5.1mb		WTS	44.80	307 eP	23	00.50	0.9
		sPKP	25	16.00				pP	20	13.50	23km		0.9s	11.00nm		4.8mb	
JAY	142.43	275 ePKPc	25	12.00	-8.4X	ANN	26.01	288 eP	20	19.00	0.1	LLS	44.88	299 P	23	00.22	-0.4
ASPA	146.24	237 ePKP	25	25.10	-1.5			i	20	22.30	12km	SLE	44.93	300 P	23	01.48	0.7
		e	29	02.70		CD2	26.90	104 eP	20	27.70	0.5	FEL	45.20	301 P	23	03.49	0.4
GYA	146.57	354 PKP	25	26.00	-1.2	OBN	27.10	311 eP	20	28.80	0.0	TMA	45.20	298 P	23	02.48	-0.7
FORT	146.85	221 ePKP	25	26.00	-1.3			e	20	32.00	11km	WLS	45.46	302 P	23	05.70	0.7
KMI	148.06	1 ePKP	25	30.00	0.3			ePPP	21	21.00		CDF	45.51	302 P	23	05.79	0.4
		sPKP	25	35.00				e	23	56.00		ECH	45.64	301 P	23	06.47	0.1
KOD	149.13	57 ePKP	25	35.00	3.2X			eSSS	26	18.00		ENN	45.66	305 eP	23	07.00	0.6
RKG	149.78	203 ePKP	25	31.00	-0.8	BTO	27.61	81 eP	20	34.90	1.2		0.9s	7.00nm		4.6mb	
WARB	150.68	227 ePKP	25	32.00	-1.5	HMC	28.68	79 eP	20	44.30	0.9	MOF	45.77	301 P	23	08.26	0.7
		e	25	37.00			1.2s	30.00nm		4.9mb		WLF	45.84	304 P	23	09.00	1.2
MTN	151.95	256 ePKP	25	34.80	-0.8	XAN	29.15	94 P	20	48.40	0.9	PCP	45.95	296 P	23	09.45	0.5
	0.6s	192.00nm					0.8s	5.50nm		4.4mb		BSF	46.00	301 eP	23	09.30	0.0
		e	25	41.00		KMI	29.70	115 eP	20	54.50	1.6		1.2s	64.55nm		5.5mb	
MUN	152.38	204 ePKP	25	35.00	-0.8		1.5s	370.00nm		6.0mb		DIX	46.17	298 P	23	11.25	0.3
	S.D. = 1.2	on 221	of 266	obs.		BOD	30.20	44 iPc	20	54.80	-1.9	HAU	46.23	301 eP	23	11.00	0.0
							0.8s	39.00nm		5.3mb			0.5s	14.20nm		5.2mb	
						TIJ	30.29	85 Pc	20	58.80	1.0	FIN	46.30	296 P	23	11.44	-0.2
						PUL	31.55	319 (P)	21	09.00	0.5	VITF	46.39	302 P	23	10.04	-2.2
						GYA	31.56	109 P	21	10.40	1.3	EMS	46.49	299 P	23	13.27	-0.1
						KOD	31.94	172 eP	21	14.70	2.1	ROB	46.49	296 P	23	16.14	2.9X
KYRGYZSTAN					(716)	BJI	32.28	79 eP	21	16.00	0.9	LSD	46.56	298 P	23	14.44	0.5
							1.0s	33.00nm		5.2mb		RSP	46.60	297 P	23	12.20	-1.9
						APA	33.27	333 iPd	21	23.60	0.2	IMI	46.62	295 P	23	15.04	0.8
						KAF	34.03	322 iP	21	29.10	-1.0	DOU	46.67	305 P	23	15.60	1.2
							0.9s	7.80nm		4.6mb		BHB	46.70	297 P	23	11.47	-3.3X
						TIA	34.34	85 Pc	21	34.00	1.0	SNF	46.73	305 P	23	15.60	0.7
						NUR	34.48	319 iP	21	33.40	-0.5	LPG	46.81	298 eP	23	16.30	0.3
							0.8s	19.70nm		5.1mb			0.5s	9.25nm		5.1mb	
FRU	1.35	55 iPgc	15	10.00	0.5							LPL	46.81	298 eP	23	16.20	0.3
		iP	15	25.00		SDF	35.63	331 iP	21	43.20	-0.5		0.8s	23.50nm		5.3mb	
FRG	1.96	211 iPnd	15	24.30	6.0X	KEV	36.35	335 eP	21	54.00	4.3X	ENR	46.82	296 P	23	16.87	1.0
		iS	15	52.20		SNY	37.08	73 eP	21	55.30	-0.9	RSL	46.82	298 P	23	15.05	-0.9
TLG	3.37	68 iPnc	15	38.90	0.6	OJC	37.13	301 eP	21	57.00	0.5	PZZ	46.93	297 P	23	16.46	-0.3
		i	15	42.00			1.0s	68.00nm		5.4mb		RRL	46.99	297 P	23	17.69	0.3
		e	16	17.00				i	22	03.50	22km	FRF	47.59	295 eP	23	21.80	0.0
KSH	3.40	139 iPnd	15	44.80	6.0X	NJ2	37.46	90 Pd	22	01.00	1.6		0.8s	15.30nm		5.1mb	
		Pg	15	52.00		CN2	37.83	6									

18d 16h

LMR	47.77	295	eP	23	23.10	-0.1
	0.9s	20.45nm				5.2mb
LRG	47.82	295	eP	23	23.60	0.0
LOR	48.06	301	eP	23	24.50	-1.0
	0.6s	7.95nm				4.9mb
LBF	48.08	301	eP	23	24.80	-0.9
	0.7s	8.50nm				4.9mb
SMF	48.29	300	eP	23	26.70	-0.6
SSB	48.34	298	P	23	27.21	-0.5
SSF	48.36	301	eP	23	27.00	-0.7
TSRJ	48.46	76	P	23	29.40	0.8
AVF	48.55	301	eP	23	28.80	-0.4
	0.8s	36.55nm				5.5mb
BGF	48.96	301	eP	23	31.90	-0.5
	0.6s	10.80nm				5.1mb
MAF	49.27	300	eP	23	34.80	0.0
	0.8s	20.55nm				5.2mb
ASAJ	49.41	63	eP	23	35.30	-0.6
TCF	49.47	300	eP	23	36.20	-0.2
	0.9s	16.85nm				5.1mb
EKA	49.55	313	P	23	36.00	-0.8
	0.7s	10.60nm				5.0mb
MAT	49.59	74	iPc	23	36.40	-1.0
	1.0s	41.00nm				5.4mb
DAG	49.92	342	iPc	23	39.00	-0.3
	0.7s	50.00nm				5.6mb
LSF	49.92	301	eP	23	39.00	-0.8
	0.7s	9.70nm				4.9mb
LDF	50.08	304	eP	23	40.10	-0.8
CAF	50.09	299	eP	23	41.20	0.0
YAMJ	50.14	71	eP	23	41.20	0.4
FLN	50.24	304	eP	23	41.10	-1.0
RJF	50.30	299	eP	23	42.90	0.2
	0.7s	16.85nm				5.1mb
CHJJ	50.38	74	P	23	43.00	-0.4
GRR	50.61	304	eP	23	44.00	-1.0
	0.7s	15.65nm				5.1mb
MFF	50.85	302	eP	23	46.10	-0.7
	0.7s	13.80nm				5.0mb
LPF	50.86	304	eP	23	45.70	-1.2
	0.7s	10.35nm				4.9mb
OFUJ	50.88	69	P	23	46.20	-0.9
KAKJ	51.15	73	P	23	48.70	-0.5
KUSJ	51.20	63	eP	23	48.50	-1.0
EPF	52.01	297	eP	23	54.70	-1.1
DMU	52.09	312	eP	23	56.30	0.1
DMU	52.09	312	eP	24	02.90	6.7X
DLF	52.11	312	eP	24	02.00	5.7X
DCN	52.50	312	eP	23	58.80	-0.4
DCN	52.50	312	eP	24	05.30	6.1X
AKU	53.06	329	eP	24	04.40	1.2
	1.0s	20.00nm				5.0mb
BRW	61.51	16	eP	25	02.08	-0.9
MBC	61.70	3	eP	25	03.50	-0.7
	0.5s	17.00nm				5.4mb
IMA	66.33	19	iPc	25	33.54	-1.2
	0.7s	14.51nm				5.2mb
TTA	68.25	22	eP	25	46.40	-0.4
FBA	68.67	17	iPc	25	48.42	-0.9
	0.8s	25.62nm				5.4mb
SVW	69.82	23	eP	25	57.00	0.6
CRP	70.66	21	eP	26	00.42	-1.3
PWA	70.94	20	eP	26	02.60	-0.5
PMR	71.18	20	eP	26	04.30	-0.3
	0.7s	37.50nm				5.6mb
TOA	71.46	18	eP	26	06.70	0.3
KLU	72.05	19	eP	26	08.96	-1.0
YKA	75.61	4	eP	26	29.80	-0.6
	0.6s	17.80nm				5.3mb
KIC	76.75	267	P	26	37.20	-0.4
LMN	84.77	332	eP	27	23.50	3.9X
ASPA	86.17	127	P	27	33.00	6.2X
SES	87.85	3	ePc	27	34.50	-0.2
NEW	89.60	7	eP	27	44.00	0.9
	1.0s	16.50nm				5.2mb
LON	90.58	10	eP	27	48.43	0.7
CTA	91.43	116	P	27	58.90	7.2X
LRM	92.36	4	eP	27	57.10	1.0

S.D. = 0.9 on 143 of 162 obs.

* OCT 18, 1992 16h 29m 14.83±0.78s
 37.311 S ± 9.2km 176.490 E ± 10.1km
 DEPTH = 230.0km (geophysicist)
 NORTH ISLAND, NEW ZEALAND (159)

KUZ	0.83	312	P	29	46.40	-0.6
			S	30	12.80	

WLZ	0.90	232	P	29	48.90	1.5
TAZ	0.92	179	P	29	49.10	1.6
URZ	1.07	153	P	29	47.90	-0.5
			S	30	14.30	
PATZ	1.08	190	P	29	50.30	1.7
HBZ	1.47	102	eP	29	48.80	-2.5
WHH	1.57	180	P	29	52.90	0.7
PAHZ	1.61	164	eP	29	53.00	0.5
NOZ	1.79	137	eP	29	53.40	-0.6
MOH	1.89	164	eP	29	55.40	0.5
NGZ	1.99	200	eP	29	58.00	1.9
CNZ	2.03	201	P	29	58.10	1.7
WCH	2.20	308	P	29	57.50	-0.4
TTH	2.24	173	eP	29	59.10	0.8
WAHZ	2.39	182	P	30	00.50	0.6
BSZ	2.77	206	P	30	05.70	1.8
PGZ	3.31	183	eP	30	09.80	-0.2
KIW	3.75	199	P	30	15.10	-0.2
MTW	3.92	191	eP	30	16.50	-0.7
CAW	3.95	196	eP	30	17.20	-0.4
DIW	4.02	209	eP	30	18.60	0.1
MOW	4.22	193	eP	30	19.60	-1.3
TCW	4.26	203	P	30	21.40	0.1
QRZ	4.67	220	eP	30	25.70	-0.8
THZ	5.24	211	eP	30	34.00	0.4
KHZ	5.58	203	P	30	37.40	-0.4
			eS	31	43.10	
DSZ	5.72	218	eP	30	38.30	-1.4
LTZ	6.35	209	eP	30	46.90	-0.8
MQZ	7.03	203	eP	30	54.00	-2.2
ODZ	8.89	208	eP	31	19.40	-0.9

S.D. = 1.2 on 30 of 30 obs.

* OCT 18, 1992 16h 57m 47.16±0.71s
 7.410 N ± 14.3km 76.586 W ± 19.4km
 DEPTH = 10.0km (geophysicist)
 4.7mb (3 obs.)

NORTHERN COLOMBIA (99)

ZOBO	24.99	160	P	03	13.80	0.5
FVM	32.92	340	eP	04	24.25	0.4
	0.9s	21.00nm				5.1mb
YKA	61.56	341	eP	08	05.90	-0.8
	0.6s	4.50nm				4.8mb
TIC	70.96	86	P	09	07.10	-0.4
LIC	70.99	86	P	09	07.20	-0.5
KIC	71.26	86	P	09	09.10	-0.2
MBC	72.62	350	eP	09	16.50	0.2
GEC2	84.67	42	PKP	10	23.90	1.3
	1.0s	1.14nm				4.0mb
ASPA	146.59	238	ePKP	17	29.40	-0.5
	1.0s	4.30nm				

S.D. = 0.7 on 9 of 9 obs.

OCT 18, 1992 17h 15m 28.11±0.50s
 43.854 N ± 4.1km 7.665 E ± 3.8km
 DEPTH = 10.0km (geophysicist)
 NEAR SOUTH COAST OF FRANCE (379)
 ML 2.4 (LDG), 2.0 (GEN).

SBF	0.17	273	Pg	15	32.00	0.0
			Sg	15	34.80	
IMI	0.17	71	P	15	32.60	0.5
			S	15	35.72	
ENR	0.41	335	P	15	36.36	-0.2
			S	15	41.48	
STV	0.46	328	P	15	37.18	-0.3
			S	15	42.81	
ROB	0.47	19	P	15	37.96	0.4
			S	15	44.04	
FIN	0.53	48	P	15	38.78	-0.1
PZZ	0.77	328	P	15	42.76	-0.4
			S	15	52.70	
FRF	0.79	249	Pg	15	43.80	0.3
			Sg	15	54.20	
PCP	0.94	42	P	15	46.75	0.8
LMR	0.99	239	Pg	15	47.10	0.3
			Sg	16	00.90	
LRG	1.03	248	Pg	15	48.20	0.7
			Sg	16	02.30	
BHB	1.03	344	P	15	46.15	-1.4
RRL	1.24	330	P	15	50.82	-0.5
PGF	1.63	143	Pn	15	55.60	-1.4
			Sn	16	14.80	
LPG	1.77	339	Pg	15	59.70	0.5
LPL	1.79	339	Pg	16	00.40	0.9

S.D. = 0.7 on 16 of 16 obs.

% OCT 18, 1992 17h 27m 46.81±0.81s
 44.933 N ± 5.3km 7.214 E ± 9.9km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.9 (GEN).

BHB	0.10	159	P	27	50.03	0.5
			S	27	52.04	
RSP	0.22	8	P	27	51.54	-0.1
			S	27	54.79	
RRL	0.31	268	P	27	53.51	0.2
			S	27	58.04	
PZZ	0.44	191	P	27	55.20	-0.5
			S	28	01.10	
LSD	0.53	355	P	27	57.44	-0.1
			S	28	03.76	

S.D. = 0.6 on 5 of 5 obs.

* OCT 18, 1992 17h 33m 03.24±0.52s
 18.069 N ± 6.7km 76.856 E ± 9.7km
 DEPTH = 33.0km (normal)
 4.4mb (6 obs.)

SOUTHERN INDIA (314)

POO	2.89	280	iPn	33	38.20	-9.9X
			iSn	34	09.00	
BOM	3.92	283	iPn	34	08.50	5.9X
			iSn	34	51.90	
GBA	4.47	173	P	34	10.00	-0.5
			S	35	10.00	
KOD	7.81	176	ePn	34	57.00	-0.8
			eSn	36	22.00	
NDI	10.57	2	iPc	35	34.00	-1.5
	0.7s		iS	37	28.50	5.9mb X
DMN	12.16	37	P	35	58.00	0.6
GKN	12.20	34	P	35	58.00	0.2
PKI	12.31	38	P	35	59.50	0.1
KKN	12.40	37	P	36	00.30	-0.2
GUN	12.84	39	P	36	06.40	-0.1
NUR	56.20	332	eP	42	28.30	-13.8X
KAF	56.20	334	iP	42	42.60	0.5
	0.5s		2.00nm			4.4mb
GEC2	58.99	317	P	43	01.30	-0.8
	0.7s		0.67nm			3.9mb
NB2	62.60	330	P	43	25.40	-0.9
	0.8s		2.10nm			4.3mb
LPL	63.47	312	eP	43	32.30	-0.4
	0.5s		1.15nm			4.2mb
BSF	63.49	315	eP	43	32.50	-0.1
RJF	67.15	312	eP	43	56.60	0.5
	0.6s		3.50nm			4.6mb
LFF	67.72	312	eP	44	00.20	0.6
	0.6s		4.35nm			4.7mb
ZOBO	146.53	268	PKPc	52	45.90	2.9

S.D. = 1.1 on 16 of 19 obs.

OCT 18, 1992 17h 42m 51.45±0.79s
 6.740 S ± 3.4km 105.602 E ± 3.4km
 DEPTH = 37.4 ± 6.6 km
 5.8mb (82 obs.) 5.8Msz (14 obs.)

RANI	9.42	101	P	45	09.19	1.3		i	50	54.00		KSH	53.51	332	P	52	10.00	-0.8		
INGI	9.68	103	P	45	12.80	1.4		e	51	19.00			1.0s	110.00nm				5.8mb		
			S	46	58.90			i	52	13.00		Z	24s	5.51um				5.5Mszx		
THRI	9.99	100	P	45	16.60	0.8		e	56	20.00		N	14s	2.82um						
RATI	10.04	102	P	45	16.60	0.2		i	56	51.00					eS	59	34.00			
MRPI	10.40	323	P	45	19.50	-1.9		i	58	34.00					sS	00	15.00			
KEDI	10.47	98	P	45	22.50	0.2	QLP	41.70	123	iPd	50	39.70	1.2	KAKJ	53.64	35	P	52	08.80	-2.7
KLM	10.54	338	eP	45	25.00	1.7		0.9s	481.00nm				6.2mb	SVO	53.71	96	eP	52	14.00	1.6
PCBI	10.86	322	P	45	25.50	-2.2	STK	41.85	131	iPd	50	40.00	0.3	NIJJ	53.74	33	P	52	09.80	-2.5
AEKI	11.32	321	P	45	29.79	-4.1X		0.7s	191.00nm				5.9mb	PRZ	54.90	336	iPd	52	20.00	-1.0
SEMI	11.63	322	P	45	34.59	-3.7X			iS	56	52.10				1.8s	200.00nm			5.8mb	
LARI	12.11	322	P	45	40.70	-3.9X	FINC	41.96	92	eP	50	43.80	3.0X	YAMJ	54.98	33	P	52	20.10	-1.3
			S	47	57.00		LZH	42.63	358	Pc	50	46.00	-0.2	MDJ	55.50	21	Pc	52	24.30	-0.7
IPM	12.14	338	ePd	45	47.00	2.1		1.5s	54.00nm				5.1mb		0.8s	83.00nm			5.8mb	
SIBI	12.19	324	P	45	44.09	-1.7	Z	16s	4.78um				5.5Mszx	OFOJ	56.52	33	P	52	30.60	-1.9
MKS	13.88	84	iPc	46	12.00	4.1X	E	15s	3.66um					AOMJ	56.90	31	eP	52	34.40	-0.8
TANI	14.11	77	P	46	17.00	6.0X			PcP	52	37.50			ZAK	56.92	358	iPc	52	35.00	-0.1
NINI	14.27	81	P	46	18.70	5.4X			ScP	56	23.50				1.0s	46.00nm			5.5mb	
BUNI	14.98	79	P	46	26.70	4.4X			sS	57	32.50					e	53	29.30		
TSM	16.44	49	ePd	46	48.80	7.7X	GUMO	43.90	63	eP	50	55.40	-1.2			e	02	18.00		
KKM	16.54	40	ePc	46	48.00	5.6X	PJG	43.91	63	eP	50	55.20	-1.4	MOY	58.33	357	eP	52	45.00	0.1
	0.7s	336.40nm			5.6mb		GUA	43.92	63	eP	50	55.70	-1.1		2.2s	135.00nm			5.7mb	
		e	47	16.00			TIA	44.07	13	Pc	50	57.70	0.0	MRRJ	58.63	30	eP	52	46.30	-0.9
NANU	18.41	150	eP	47	02.30	-3.4X		1.0s	60.00nm				5.3mb	IRK	58.79	359	eP	52	47.00	-1.2
	0.3s	61.00nm			5.2mb			PcP	52	43.70					1.6s	35.00nm			5.2mb	
MBL	19.88	138	iPd	47	21.20	-1.4	TIY	44.68	8	eP	51	03.00	0.3			e	53	01.80		
		eS	50	46.00				1.0s	58.00nm				5.4mb	CIT	58.91	6	eP	52	49.00	-0.1
MNI	20.85	68	eP	47	32.80	0.1	KAGJ	44.80	31	P	51	03.30	-0.4	UER	58.91	352	iPc	52	47.00	-2.0
KHT	22.49	342	eP	47	49.00	-0.1	RMQ	45.49	121	iPd	51	10.40	1.1		1.0s	140.00nm			6.0mb	
AAI	22.70	83	P	47	52.00	0.8		0.7s	65.00nm				5.6mb			iS	02	30.80		
MEEK	23.35	149	eP	47	57.00	-0.5			eS	56	37.30			CSY	59.55	178	eP	52	51.80	-1.5
		e	48	08.00			KUMJ	45.85	30	P	51	11.80	-0.1		0.7s	39.00nm			5.6mb	
		eS	52	06.00			GTA	46.23	354	iPc	51	15.00	0.0	HOQJ	59.73	32	eP	52	54.70	-0.1
MRWA	24.42	158	eP	48	07.00	-0.8		1.2s	110.00nm				5.7mb	UKR	60.21	345	iPc	52	56.70	-1.3
	1.0s	181.00nm			5.6mb		Z	18s	9.13um				5.8Msz		1.0s	95.00nm			5.9mb	
		eS	52	33.00			E	15s	4.17um							i	53	43.00		
MAP	24.95	47	ePd	48	17.00	4.0X			pP	51	34.00	77kmX				iS	01	10.80		
SLKI	25.51	94	P	48	17.50	-0.9			sP	51	40.00					i	02	40.80		
MTN	25.86	106	eP	48	21.00	-0.6			PcP	52	51.00			DZM	60.50	111	iPc	53	01.30	0.7
	0.3s	252.00nm			6.3mb			ScP	56	39.00			ASAJ	60.65	30	P	53	00.00	-1.1	
BAL	25.93	158	eP	48	20.00	-2.1			S	57	52.00			MAIO	60.82	318	iPc	53	01.30	-1.3
	1.0s	132.00nm			5.5mb			ScS	01	04.00				1.3s	49.84nm				5.5mb	
		eS	53	08.00			SHNJ	47.27	29	P	51	23.20	0.1	KUSJ	60.98	32	P	53	02.20	-1.1
OIZ	25.94	9	P	48	23.60	1.3	SHNJ	47.27	29	P	51	23.40	0.3	SHI	62.48	308	iPc	53	14.00	0.0
PLP	26.23	47	ePc	48	26.20	1.2	BTO	47.28	5	P	51	23.20	0.0	ASH	62.51	319	iP	53	13.00	-0.8
MUN	26.99	160	eP	48	30.00	-1.8	TOO	47.45	136	iPd	51	25.70	1.1			e	53	46.00		
	1.0s	70.00nm			5.2mb			1.0s	167.00nm				6.0mb			e	55	32.00		
		eS	53	35.00			BJI	47.56	11	eP	51	26.00	0.7			eS	01	35.00		
KLB	27.21	157	eP	48	32.00	-1.9		1.0s	100.00nm				5.8mb			PS	01	52.00		
	0.4s	10.00nm			4.8mb		HHC	47.67	6	Pc	51	27.20	0.9			e	02	57.00		
		eS	53	40.00				1.0s	990.00nm				6.8mb	YSS	62.81	28	iPc	53	14.00	-1.6
WARB	27.86	136	iPd	48	38.10	-1.8	DL2	47.79	17	eP	51	24.50	-2.6		1.0s	160.00nm			6.1mb	
RKG	29.63	161	eP	48	54.00	-1.7		1.0s	83.00nm				5.7mb			e	53	29.20		
HKC	30.06	16	iP	49	02.30	2.8	BWA	48.10	131	iPd	51	31.50	1.7	KUR	64.10	32	eP	53	23.00	-1.0
FORT	31.86	141	eP	49	14.00	-1.4			i	53	25.00				1.0s	740.00nm			6.7mb	
ASPA	31.97	125	iPd	49	15.70	-0.8	TKSJ	48.64	32	P	51	33.80	0.0	DRV	64.32	166	iP	53	23.80	-1.4
	1.2s	130.40nm			5.7mb		CAN	48.91	132	iPc	51	36.50	0.5	KAT	64.56	319	iP+	53	26.00	-1.2
Z	21s	10.00um			5.5Msz			e	53	17.50			BOD	64.75	5	iPc	53	26.80	-1.3	
		eS	54	19.20			ARMA	49.12	125	eP	51	39.20	1.4		1.0s	76.00nm			5.7mb	
GBA	34.50	306	P	49	39.00	0.6		1.0s	49.00nm				5.5mb	TEH	66.13	314	eP	53	38.00	0.4
OIS	35.68	116	iPd	49	48.20	-0.3	CNB	49.18	132	iPd	51	38.70	0.6	BWZ	67.06	136	eP	53	41.80	-1.4
	0.1s	20.00nm			6.0mb			1.2s	85.00nm				5.7mb	MAW	67.22	196	iPd	53	42.60	-1.2
CD2	37.48	357	P	50	02.80	-0.6	BRS	49.18	120	iPc	51	39.00	0.8		1.1s	120.00nm			5.9mb	
WWKK	37.98	87	eP	50	09.50	1.5		0.7s	52.00nm				5.7mb	TUZ	67.24	137	P	53	41.50	-2.8
WHN	38.01	12	eP	50	09.00	1.2			i	51	48.00			ODZ	67.71	136	P	53	46.70	-0.6
	1.0s	18.00nm			4.9mb				i	51	52.00			DSZ	67.84	132	P	53	47.20	-1.0
LSA	38.80	340	P	50	15.00	-0.1			i	52	48.00			LTZ	68.38	133	P	53	50.50	-1.1
PKI	39.30	331	P	50	18.10	-1.1			e	56	53.00			THZ	68.65	132	P	53	52.60	-0.7
GUN	39.37	332	P	50	19.30	-0.4	YONJ	49.28	30	P	51	38.90	0.1	KER	68.66	311	eP	53	53.00	-0.6
DMN	39.48	331	P	50	19.64	-0.9	WKYJ	49.64	33	P	51	41.50	-0.1	MOZ	68.83	134	P	53	54.20	-0.1
KKN	39.55	331	P	50	20.38	-0.7	TSRJ	50.85	32	P	51	49.70	-1.0	WCZ	68.88	126	P	53	55.70	1.0
MDG	39.98	90	eP	50	25.50	0.9	SNY	51.05	17	Pc	51	51.00	-1.1	NRZ	69.02	129	eP	53	55.30	-0.3
GKN	40.04	331	P	50	24.24	-0.8		1.2s	110.00nm				5.7mb	KHZ	69.23	133	P	53	55.90	-0.9
POO	40.14	309	iPc	50	19.40	-6.5X	QUE	52.18	317	eP	52	00.00	-1.1	BAK	69.37	318	iPc	53	58.00	0.4
SSE	40.47	21	Pc	50	30.00	1.7			eS	59	23.00					iS	03	08.00		
	1.2s	51.00nm			5.2mb		MTMJ	52.61	33	P	52	02.70	-1.4	SNZO	69.91	131	eP	53	52.00	-8.9X
NJ2	40.59	17	Pd	50	31.00	1.7	MAT	52.79	33	eP	52	03.00	-2.4	KUZ	70.08	127	P	54	02.40	0.4
	1.0s	23.00nm			4.9mb			1.1s	64.56nm				5.5mb	CNZ	70.24	129	P	54	03.70	0.5
XAN	40.68	4	Pc	50	29.70	-0.3	CHJJ	52.86	34	P	52	03.30	-2.6	NGZ	70.28	129	P	54	03.80	0.3
	1.0s	910.00nm			6.5mb		WMO	52.87	344	iPc	52	05.00	-0.9	SHE	70.34	317	iPc	54	04.50	1.0
		pP	50	45.00	60kmX			1.0s	98.00nm				5.7mb		1.0s	300.00nm			6.3mb	
LAT	41.11	92	eP	50	35.40	1.6			sP	52	30.50			Z	16s	1.30um			5.3Mszx	
PMG	41.21	97	eP	50	34.90	0.2			S	59	30.00									

			e	59	47.40	
GEC2	96.27	318	Pc	56	17.40	-0.1
	1.5s		16.07nm			5.3mb
KHC	96.37	319	eP	56	18.50	0.7
	1.0s		3.90nm			4.9mb
			e	56	20.50	
			e	56	48.00	
CLL	96.84	321	eP	56	20.00	0.2
	1.4s		16.00nm			5.3mb
MOX	97.69	320	eP	56	24.90	1.2
	1.3s		12.00nm			5.3mb
SDN	97.72	35	P	56	40.00	16.4X
Z	20s		0.79um			5.2Msz
GRF	97.93	319	e(P)	56	25.60	0.8
NB2	97.98	331	P	56	23.40	-1.4
	1.1s		13.00nm			5.4mb
HON	98.36	69	P	56	40.00	12.8X
Z	19s		3.70um			5.9Msz
BRW	98.80	19	eP	56	29.70	1.5
TTA	99.78	27	ePDIF	56	32.45	-0.6
	1.3s		7.96nm			5.1mb
IMA	100.47	24	ePdiff	56	37.00	0.9
	1.1s		18.50nm			5.5mb
PMR	103.15	28	Pdiff	57	00.00	12.1X
Z	20s		1.85um			5.6Msz
DAG	104.04	349	ePdiff	56	50.70	-0.9
	0.6s		10.00nm			5.8mb
TOA	104.42	27	ePdiff	57	01.70	8.0X
LPF	106.10	318	ePKP	01	09.70	-3.7X
	0.8s		10.90nm			
SIT	111.18	31	PKP	01	30.00	7.4X
Z	20s		1.84um			5.7Msz
YKA	117.09	20	ePKP	01	34.00	0.2
	0.7s		4.00nm			
RMW	122.80	36	ePKP	01	45.00	-0.2
VGB	124.38	38	ePKP	01	48.96	0.5
DPW	124.67	35	ePKP	01	47.67	-1.2
NTYM	126.28	47	ePKP	01	53.40	1.2
ORV	126.63	45	ePKP	01	53.26	0.3
SES	126.84	29	ePKP	01	52.00	-1.0
ARN	127.51	47	iPKP	01	55.81	1.1
LRM	129.07	34	ePKP	01	58.30	0.6
PKEM	129.07	48	(PKP)	01	59.65	2.0
KVN	129.22	44	ePKP	01	59.43	1.3
BONR	129.57	45	ePdiff	59	05.75	19.2X
TNP	130.28	45	ePKP	02	01.78	1.6
			iSKP	05	18.78	
PTI	130.89	37	ePKP	02	03.11	2.0
			eSKP	05	21.49	
TPNV	131.49	46	(PKP)	02	04.82	2.4
Z	20s		4.92um			6.2Msz
			iSKP	05	23.86	
GSC	131.83	48	ePKP	02	04.19	1.1
			iSKP	05	24.99	
DUG	132.15	40	ePKP	02	04.23	0.7
			ePP	04	20.01	
			iSKP	05	25.86	
PEC	132.16	50	ePKP	02	04.06	0.4
			iSKP	05	25.29	
DAU	133.00	39	ePKP	02	08.29	2.9X
ULM	133.06	19	ePKP	02	09.50	4.7X
MSU	133.48	41	PKP	02	07.41	1.1
EMUT	133.63	39	ePKP	02	06.56	0.0
SRU	134.22	40	ePKP	02	06.51	-1.1
GOL	136.98	36	PKP	02	20.00	7.1X
Z	20s		3.20um			6.1Msz
JFO	138.42	226	(PKP)	02	07.00	-8.9X
EEO	140.04	5	ePKP	02	12.50	-5.5X
PDCR	140.05	241	ePKP	02	19.80	0.9
VAO	140.08	221	(PKP)	02	09.00	-9.8X
LMN	140.16	350	ePKP	02	18.50	0.3
EMM	141.67	352	ePKP	02	15.79	-5.1X
EMM	141.67	352	ePKP	02	21.25	0.4
RSNY	142.34	0	PKP			

TUL	144.96	31	ePKPc	02 25.30	-1.5	LPB	156.05	195	ePKP	02 45.00	0.5	BJI	77.78	317	eP	22 32.00	-0.1	
	1.2s	182.00nm				ZOBO	156.29	195	PKP	02 46.00	0.9		2.0s		74.00nm		5.4mb	
		e	02 33.40				1.3s		31.55nm			ORV	78.38	44	iPd	22 35.18	-0.3	
MZX	145.12	59	(PKP)	02 28.00	0.6		S.D. = 1.1 on 305 of 359 obs.					PLM	78.89	51	eP	22 39.02	0.4	
RLO	145.15	30	ePKPc	02 26.40	-0.8							SLKM	78.90	16	eP	22 36.68	-1.2	
VVO	145.43	32	ePKP	02 27.10	-0.6		* OCT 18, 1992 17h 50m 20.71± 0.41s					LBFM	79.00	42	eP	22 39.46	0.4	
BDF	145.59	230	PKPd	02 30.00	1.4		7.625 N ±12.2km 76.233 W ±19.4km					CRP	79.05	15	eP	22 37.31	-1.6	
		e	02 34.30				DEPTH = 10.0km (geophysicist)					TIY	79.23	313	Pc	22 40.90	0.7	
		e	02 40.00				4.7mb (6 obs.)					TTA	79.64	12	eP	22 41.80	-0.1	
		e	02 41.10				NORTHERN COLOMBIA (99)						1.0s		8.13nm		4.7mb	
		e	02 46.10											i			24 41.40	
		e	02 52.00			STH	10.40	357	iPd	52 51.48	-1.6	GSC	79.76	50	eP	22 43.36	0.2	
		e	03 06.10			ZOBO	25.00	161	iPc	55 48.10	0.4	BONR	79.84	47	eP	22 44.02	0.2	
		e	03 14.00				1.1s		13.05nm		4.5mb	PMR	80.10	16	eP	22 42.72	-1.6	
		e	03 16.30			LPB	25.32	161	P	55 50.10	0.4		0.8s		15.88nm		5.1mb	
		e	03 29.90			CNCB	25.61	161	P	55 53.60	0.9	XAN	80.21	309	P	22 46.00	0.4	
		e	03 34.80			CCH	26.77	158	P	56 02.00	-1.1		1.2s		21.00nm		5.0mb	
		e	04 04.00			OLY	31.06	335	eP	56 42.23	1.1			sP		22 58.00		
		e	04 06.70			FVM	32.84	339	eP	56 59.26	2.5	GLA	80.32	52	iPc	22 47.07	0.9	
FVM	145.66	23	ePKPc	02 27.55	-0.4		0.8s		15.36nm		5.0mb	TNP	80.66	47	ePd	22 47.98	-0.1	
BAO	145.67	229	PKPc	02 28.00	-0.8	VVO	32.88	330	eP	56 58.30	1.3		0.8s		7.13nm		4.7mb	
		e	02 32.20			RLO	33.19	332	e(P)	57 01.60	1.8	RMW	82.13	37	eP	22 54.70	-0.6	
		e	02 38.10			LNO	33.36	330	e(P)	57 01.70	0.6	BTO	82.20	315	eP	22 56.60	0.7	
		e	02 40.00			TUL	33.36	330	eP	57 01.80	0.6	IMA	82.90	12	eP	22 58.08	-1.0	
		e	02 42.90				0.6s		11.30nm		5.0mb		0.8s		3.59nm		4.5mb	
		e	02 48.00			BAO	36.29	130	Pc	57 26.50	-0.2	FBA	83.19	14	iPd	22 59.00	-1.4	
		e	02 50.20							57 33.00			1.0s		21.09nm		5.2mb	
		e	02 52.90							57 36.90		ARUT	83.25	48	eP	23 02.13	0.6	
		e	02 55.50							57 39.00		MSU	84.46	48	ePd	23 08.84	1.2	
		e	03 01.00							57 41.60				(pP)		25 16.96	599kmX	
		e	03 02.50			BDF	36.37	130	Pc	57 27.30	-0.1	DUG	84.66	46	eP	23 08.80	0.3	
		e	03 11.90							57 28.90			1.0s		9.41nm		4.9mb	
		e	03 18.30							57 31.00		LZH	84.85	309	eP	23 10.00	0.5	
		e	03 21.00							57 34.00				sP		23 20.50		
		e	03 26.00							57 41.00		NEW	85.28	38	eP	23 11.19	-0.1	
		e	03 46.00			PPD	38.28	141	eP	57 42.60	-0.7		1.0s		6.50nm		4.8mb	
		e	03 52.00			VAO	41.79	137	eP	58 10.70	-1.6	DAU	85.84	47	eP	23 15.68	1.1	
		e	04 01.00			GLA	43.76	311	eP	58 27.25	-1.1	SRU	85.87	48	iPd	23 15.28	0.6	
		e	04 04.10			SRU	43.95	321	eP	58 29.58	-0.3			(pP)		25 16.67	557kmX	
		e	04 09.00			EMUT	44.55	321	eP	58 34.57	-0.3	EMUT	85.93	47	eP	23 15.53	0.6	
		e	04 12.90			MSU	44.66	319	eP	58 35.21	-0.5	PV10	86.69	49	ePc	23 20.00	1.2	
		e	04 20.10			ARUT	45.10	317	eP	58 39.29	0.1	LRM	87.13	41	eP	23 21.00	0.3	
TBR	145.74	360	iPKPc	02 27.77	-0.2	DAU	45.17	322	eP	58 39.78	-0.2	BW06	87.90	45	ePd	23 24.20	-0.2	
PNJ	145.98	360	iPKP	02 29.40	1.0	PLM	45.43	310	eP	58 39.50	-2.4		1.4s		13.81nm		5.1mb	
GMTN	146.00	360	iPKP	02 28.70	0.3	BW06	45.65	326	eP	58 42.79	-0.8			epP		25 26.00	555kmX	
LVNJ	146.07	0	ePKP	02 28.74	0.2		0.9s		6.07nm		4.6mb	GTA	88.99	311	iPd	23 30.00	0.4	
		ePKPbc	02 31.70			DUG	46.01	321	(P)	58 46.41	0.0		1.0s		24.00nm		5.5mb	
		ePKPbc	02 34.35				0.7s		3.47nm		4.5mb	SES	89.78	38	eP	23 33.00	0.0	
ELC	146.73	22	ePKP	02 30.33	0.6	LRM	49.20	327	eP	59 10.70	-0.6	BAO	126.85	122	e(PKP)	29 31.00	-8.6X	
MCWV	146.86	8	ePKP	02 31.90	2.0	SES	51.52	332	eP	59 28.00	-0.8			e		29 33.90		
Z	20s	2.21um		5.9Msz		YKA	61.47	341	eP	00 37.50	-2.1			e		29 36.20		
		PKPbc	02 34.35				0.5s		4.30nm		4.9mb			e		29 38.90		
UYO	147.00	31	iPKPd	02 30.10	-0.2	GBA	146.41	51	PKP	10 06.00	2.8	BDF	126.91	122	PKPc	29 33.20	-6.5X	
MIAR	147.15	30	ePKP	02 31.22	0.7	ASPA	147.00	238	iPKPd	10 04.60	0.5			e		29 36.10		
Z	19s	2.39um		6.0Msz			1.2s		15.40nm					e		29 43.10		
		iPKPbc	02 36.28			CGP	153.73	307	ePKPd	10 16.00	1.6	KAF	127.59	343	iPKP	29 38.60	-0.9	
		ePP	06 06.76				S.D. = 1.3 on 30 of 30 obs.						0.9s		6.10nm			
OLY	147.36	26	ePKP	02 31.22	0.4		* OCT 18, 1992 18h 10m 36.66± 1.74s					NUR	129.36	343	ePKP	29 42.20	-0.7	
		ePKPbc	02 35.61				14.071 S ± 9.0km 176.714 E ± 6.8km						0.9s		10.30nm			
CBN	148.56	4	ePKP	02 34.00	1.4		DEPTH = 34.4 ± 15.0 km					OJC	139.34	337	ePKP	30 04.60	2.5X	
NAV	149.01	10	PKP	02 36.89	3.5X		5.0mb (16 obs.)					KSP	140.04	341	ePKPc	30 03.70	0.4	
NAV	149.01	10	ePKP	02 33.31	-0.1	FIJI ISLANDS REGION (181)						CLL	140.60	344	ePKP	30 06.00	1.7	
		PKPob	02 42.00			SVA	4.36	158	iPd	11 41.10	-1.2	BRG	140.73	343	ePKP	30 06.20	1.7	
AGX	149.14	58	(PKP)	02 41.50	7.5X								1.0s		10.00nm			
BLA	149.18	9	PKP	02 37.40	3.7X	HNR	17.05	284	eP	14 35.00	0.9	GRF	142.54	344	e(PKP)	30 05.00	-2.8	
BLA	149.18	9	ePKP	02 32.33	-1.4	SVO	17.26	285	eP	14 39.00	2.2	GEC2	142.60	341	PKP	30 05.70	-2.4	
		PKPbc	02 37.94			BRS	25.95	236	iP	16 08.00	0.1		0.8s		1.28nm			
GBTN	149.83	16	PKP	02 39.43	4.8X					16 20.00		SRS	144.31	324	ePKP	30 08.50	-2.6	
GBTN	149.83	16	ePKP	02 35.13	0.5					16 20.00		CDF	144.66	348	ePKP	30 10.30	-1.3	
		iPKPbc	02 39.48			RMQ	28.91	240	iPd	16 34.90	0.1		1.0s		11.60nm			
CEH	150.67	8	PKP	02 39.40	3.5X		0.7s		19.00nm		4.9mb	KNT	144.68	325	ePKP	30 09.40	-2.3	
CEH	150.67	8	ePKP	02 36.18	0.3	CTA	29.69	254	iPc	16 41.80	-0.1	VAY	144.75	325	iPKP	30 10.00	-1.8	
Z	22s	2.06um		5.9Msz		TOO	36.29	224	iPc	17 38.70	-0.3	SKO	144.91	327	iPKP	30 11.10	-1.0	
		ePKPbc	02 41.40				0.9s		23.00nm		5.1mb			i		30 23.00		
MRX	150.97	61	(PKP)	02 39.00	2.3	STK	36.66	235	eP	17 41.90	-0.2	SLE	145.00	346	ePKPc	30 11.00	-1.1	
LHS	151.77	11	ePKP	02 37.80	0.2	ASPA	41.49	250	iPd	18 21.40	-1.0	FEL	145.01	347	PKP	30 08.02	-4.2X	
		iPKPbc	02 44.25				0.8s		38.80nm		5.2mb	OGA	145.18	343	ePKP	30 12.50	-0.1	
PRM	151.81	14	ePKP	02 38.13	0.5	CHJJ	61.28	326	P	20 51.50	0.5		1.0s		51.00nm			
		iPKPbc	02 44.36			MAT	62.07	325	eP	20 55.00	-1.4	HAU	145.23	349	ePKP	30 12.20	-0.3	
JSC	151.87	12	ePKP	02 38.84	1.1		1.2s		25.00nm		5.2mb		1.0s		28.80nm			
		iPKPbc	02 44.14			MTMJ	62.33	325	P	20 57.30	-0.9	BSF	145.31	348	ePKP	30 12.30	-0.4	
SGS	153.07	11	PKP	02 47.25	7.8X	KUSJ	64.01	334	eP	21 07.00	-2.0		1.2s		28.85nm			
SGS	153.07	11	ePKP	02 38.64	-0.8	ASAJ	65.71	334	eP	21 18.80	-1.2	FLN	145.33	357	ePKP	30 11.90	-0.6	
		ePKPbc	02 47.91			SPA	76.02	180	iPd	22 22.60	0.5		0.8s		31.70nm			
HBF	153.35	11	ePKP	02 48.24	8.4X		1.0s		21.50nm		5.1mb	LDF	145.48	356	ePKP	30 12.40	-0.4	
CCH	154.68	199	ePKP	02 39.00	-3.5X	ARN	77.29	46	eP	22 29.81	0.3		0.7s		13.25nm			
CNCB	155.76	195	ePKP	02 48.00	3.7X	BCH	77.30	49	ePKP	22 30.62	0.9	OSS	145.59	344	ePKPd	30 13.80	0.5	

18d 18h

LIT 145.62 324 ePKP 30 12.50 -0.9
 LLS 145.72 345 iPKPc 30 14.00 0.4
 GRR 145.73 357 ePKP 30 13.50 0.3
 0.9s 38.35nm
 LOMF 145.76 348 PKP 30 12.31 -1.2
 FNA 145.78 326 ePKP 30 14.30 0.6
 VDL 145.95 344 ePKPd 30 14.80 0.8
 LPF 146.09 357 ePKP 30 14.80 1.0
 1.0s 51.80nm
 LOR 146.37 351 ePKP 30 15.70 1.3
 1.1s 28.35nm
 TMA 146.46 345 ePKPd 30 16.00 1.2
 SSF 146.62 352 ePKP 30 16.60 1.9
 1.1s 25.15nm
 LBF 146.63 351 ePKP 30 16.30 1.5
 1.2s 37.20nm
 MMK 146.74 346 ePKPd 30 16.70 1.4
 DIX 146.84 346 ePKPd 30 17.80 2.3
 AVF 146.91 352 ePKP 30 17.00 1.8
 1.1s 20.25nm
 EMS 146.96 347 ePKPc 30 18.20 2.6X
 SMF 146.98 351 ePKP 30 17.50 2.1
 0.9s 33.75nm
 BGF 147.21 352 ePKP 30 18.10 2.4X
 1.0s 20.80nm
 MFF 147.46 356 ePKP 30 18.60 2.5X
 0.9s 15.05nm
 LPL 147.53 347 ePKP 30 19.70 3.1X
 0.9s 16.05nm
 LPG 147.54 347 ePKP 30 19.90 3.2X
 0.9s 16.40nm
 TCF 147.55 353 ePKP 30 19.00 2.7X
 1.0s 31.80nm
 MAF 147.58 352 ePKP 30 19.30 3.0X
 1.0s 42.40nm
 AGO 147.66 352 PKP 30 19.30 2.8X
 LSF 147.67 354 ePKP 30 19.10 2.6X
 1.2s 34.50nm
 PLDF 147.67 351 PKP 30 19.09 2.5X
 PYM 147.98 352 PKP 30 20.55 3.5X
 LBL 148.45 351 PKP 30 21.64 3.8X
 RJF 148.60 353 ePKP 30 21.90 3.9X
 1.0s 22.40nm
 CAF 148.91 353 ePKP 30 22.90 4.4X
 1.2s 25.00nm
 SBF 148.92 345 ePKP 30 22.70 4.1X
 LFF 149.04 354 ePKP 30 23.00 4.3X
 0.9s 15.05nm
 LPO 149.25 354 ePKP 30 23.60 4.6X
 FRF 149.40 346 ePKP 30 23.80 4.5X
 LRG 149.57 346 ePKP 30 24.30 4.8X
 LMR 149.65 346 ePKP 30 24.50 4.9X
 PGF 149.70 342 ePKP 30 24.70 4.8X
 EPF 150.97 355 ePKP 30 29.10 7.4X
 BCAA 156.45 248 iPKPd 30 23.30 -6.9X
 1.0s 8.00nm

S.D. = 1.2 on 82 of 109 obs.

* OCT 18, 1992 18h 14m 35.10 ± 1.09s
 25.841 S ± 5.2km 71.259 W ± 16.9km
 DEPTH = 33.0km (normol)

OFF COAST OF NORTHERN CHILE (121)

ANT 2.26 20 iPc 15 11.00 0.1
 iS 15 36.00
 CYA 5.52 119 e(P) 15 56.50 -0.6
 RTLL 5.99 156 iPc 16 04.50 0.6
 RTBS 6.01 165 e(P)d 16 05.60 1.5
 RTCB 6.03 160 iPd 16 04.80 0.4
 RTPR 6.11 138 e(P) 16 04.60 -0.9
 CFA 6.33 156 ePc 16 08.80 0.2
 YJA 6.41 56 ePc 16 12.00 1.9
 RTCV 6.46 159 iPc 16 10.30 -0.1
 MDZ 7.33 164 eP 16 30.30 7.7X
 TCA 8.02 135 ePd 16 32.00 -0.3
 MRA 8.15 145 e(P) 16 32.20 -1.8
 ARE 9.33 359 eP 16 50.00 -0.7
 ZOBO 9.94 18 P 16 58.90 -0.5
 PPD 18.62 82 (P) 19 01.00 8.9X
 VAO 22.29 88 (P) 19 39.00 7.8X

S.D. = 1.1 on 13 of 16 obs.

& OCT 18, 1992 18h 27m 02.33s
 33.306 N 116.283 W
 DEPTH = 6.7km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PLM 0.49 276 iPc 27 11.62 -0.5
 PEC 0.94 309 ePc 27 19.33 -1.2
 eS 27 31.14
 GLA 1.25 101 eP 27 22.59 -3.2
 SSK 1.48 308 ePn 27 28.33 -1.3
 GSC 2.04 348 (Pn) 27 34.28 -3.3
 ePg 27 39.63
 TNP 4.83 351 (P) 28 25.23 7.9
 6 obs. associated

OCT 18, 1992 18h 27m 31.60 ± 0.15s
 7.003 N ± 2.8km 76.775 W ± 3.0km
 DEPTH = 17.8km (50 depth phases)
 5.5mb (77 obs.) 5.2Msz (11 obs.)
 NORTHERN COLOMBIA (99)

HOBC 2.71 166 ePc 28 14.14 -1.1
 CLMC 3.11 176 iPc 28 20.92 0.0
 AZUC 3.35 169 eP 28 24.61 0.0
 ANCC 3.47 182 ePc 28 25.73 -0.2
 HOQC 3.51 178 iPc 28 26.23 -0.6
 SILC 4.31 174 ePc 28 39.32 1.1
 SDV 6.36 73 iPnd 29 05.90 -1.2
 iSn 30 14.50
 TOV 7.44 68 eP 29 20.50 -1.6
 eS 30 39.60
 MORO 9.20 65 eP 29 43.00 -3.6X
 LLAV 10.44 70 eP 29 59.80 -3.8X
 GUAN 11.39 74 eP 30 11.40 -5.3X
 CUM 12.93 74 eP 30 39.00 1.8
 eS 33 05.50
 TPP 15.50 77 eP 31 08.50 -2.6
 TRN 15.61 75 eP 31 12.23 -0.3
 GRW 15.76 70 eP 31 15.04 0.6
 TBH 15.91 76 eP 31 13.58 -2.7
 SVB 16.50 67 eP 31 22.45 -1.4
 SVV 16.54 66 eP 31 25.09 0.6
 SKI 17.12 52 eP 31 37.91 6.2X
 NEV 17.14 53 eP 31 36.88 4.9X
 MGH 17.20 55 eP 31 36.50 3.8X
 PAG 17.29 57 eP 31 30.00 -3.9X
 BPA 17.66 54 eP 31 39.05 0.5
 CPB 18.01 53 eP 31 40.37 -2.4
 OXX 21.91 299 (P) 32 28.00 1.9
 IISM 23.31 303 (P) 32 43.50 3.9X
 ARE 23.89 167 eP 32 49.00 3.4X
 ZOBO 24.67 160 P 32 53.50 -0.1
 i 40 40.20
 LPB 24.91 160 P 32 57.00 1.4
 1.8s 1727.27nm 6.4mb
 i 40 59.60
 UNM 24.98 302 (P) 33 04.00 7.8X
 CNCB 25.21 160 P 33 59.80 1.2
 HBF 26.02 353 eP 33 07.45 2.1
 SGS 26.29 353 eP 33 09.42 1.5
 CCH 26.41 157 P 33 08.50 -1.0
 MRX 26.85 300 (P) 33 15.00 1.8
 PRM 27.44 350 eP 33 19.25 0.8
 JSC 27.46 352 eP 33 19.25 0.6
 LHS 27.59 353 eP 33 20.51 0.7
 CEH 28.83 356 eP 33 31.29 0.3
 1.3s 136.14nm 5.5mb
 Z 20s 5.35um 5.2Msz

GBTN 29.33 348 eP 33 35.01 -0.5
 BLA 30.25 354 eP 33 45.18 1.4
 0.9s 134.75nm 5.8mb
 i 33 51.28 21km
 NAV 30.39 354 eP 33 45.81 0.8
 i 33 52.31 22km
 YJA 31.03 159 ePc 33 50.00 -1.2
 GRT 31.34 340 eP 33 52.71 -0.6
 OLY 31.41 337 eP 33 53.33 -0.6
 MIAR 31.49 333 P 34 00.00 5.4X
 Z 19s 2.95um 5.0Msz
 UYO 31.58 331 iPc 33 54.20 -1.3
 ELC 32.20 341 eP 33 59.82 -1.1
 VVO 33.15 331 ePc 34 07.90 -1.2
 FVM 33.23 340 ePc 34 08.99 -0.9
 0.7s 428.23nm 6.5mb
 i 34 14.32 18km
 RLO 33.49 333 ePc 34 10.10 -2.0
 LNO 33.64 331 ePc 34 11.80 -1.4
 e 34 16.80 17km
 TUL 33.64 331 ePc 34 12.00 -1.4
 1.2s 261.30nm 6.0mb
 e 34 18.10 21km
 LVNJ 33.71 3 eP 34 15.09 1.2

SIO 33.75 331 eP 34 13.70 -0.7
 e 34 18.10 15km
 GMTN 33.81 4 iP 34 16.60 1.8
 PNJ 33.84 4 eP 34 16.30 1.3
 i 34 20.50 14km
 FNO 33.91 329 iPd 34 14.30 -1.5
 TBR 34.07 3 eP 34 17.33 0.3
 eP 34 23.46 21km
 OCO 34.16 329 iPd 34 16.20 -1.7
 HRV 35.66 7 eP 34 31.45 0.8
 0.8s 66.50nm 5.6mb
 Z 18s 2.22um 4.9Msz
 ipP 34 37.40 20km
 DLA 35.96 354 P 34 34.10 0.9
 TYNO 36.05 356 P 34 35.34 1.4
 LDN 36.10 355 P 34 35.55 1.2
 STCO 36.12 357 P 34 36.05 1.6
 ELF 36.26 354 P 34 36.70 0.9
 BAO 36.32 128 Pd 34 34.50 -2.1
 e 34 39.00 15km
 e 39 02.30
 e 39 07.50
 e 39 24.20
 e 39 30.40
 e 39 51.80
 e 40 19.90
 e 40 33.00
 e 43 11.00
 e 43 17.10
 e 43 23.00
 e 43 36.00
 e 43 42.10
 e 43 45.00
 e 45 01.00
 e 45 06.80
 e 45 19.00
 e 45 23.90
 e 45 27.60
 e 45 42.10
 BDF 36.40 128 Pd 34 38.00 0.6
 e 34 48.00 34kmX
 e 34 50.10
 e 34 58.00
 e 35 14.90
 e 45 35.90
 e 45 47.80
 e 46 13.50
 e 46 41.00
 e 46 51.90
 e 46 58.00
 e 47 06.00
 e 47 18.00
 e 47 21.80
 e 47 34.90
 e 47 55.10
 e 48 06.80
 e 48 18.60
 e 48 21.80
 e 48 46.30
 e 48 50.10
 e 48 58.00
 ACTO 36.57 356 P 34 39.85 1.5
 WLVO 36.80 358 P 34 41.75 1.6
 RSNY 37.45 3 eP 34 46.74 1.0
 0.8s 116.07nm 5.7mb
 Z 20s 2.34um 5.0Msz
 JFWS 37.69 344 P 35 00.00 12.3X
 Z 19s 4.02um 5.2Msz
 PPD 38.15 140 eP 34 48.90 -3.0
 e 34 54.90 20km
 RTPR 38.38 166 ePd 34 54.60 1.0
 ALQ 38.96 320 eP 34 58.52 -0.3
 0.8s 50.05nm 5.3mb
 ipP 35 05.24 23km
 RTCB 39.02 169 ePd 35 01.50 2.3
 CFA 39.25 168 e(P) 35 02.00 1.0
 RTCV 39.44 169 iPd 35 04.40 1.9
 EEO 39.54 358 eP 35 06.50 3.3X
 IHA 40.10 173 eP 35 09.30 1.4
 i 35 15.50 21km
 TUC 40.43 313 P 35 20.00 9.2X
 Z 20s 3.55um 5.2Msz
 CBM 40.47 9 eP 35 11.84 1.0
 epP 35 17.76 20km
 MRA 40.59 166 e(P) 35 17.60 5.7X
 GOL 41.46 326 eP 35 19.39 0.0
 1.3s 230.71nm 5.7mb

Z	20s	3.20um	5.2Msz	IFR	70.87	57 iP	38 47.00	-3.1X	COLF	78.37	45 P	39 32.97	0.2	
VAO	41.70	136 eP	35 25.46	20km	AKU	71.10	22 iP	38 56.00	29kmX	SMF	78.50	44 iPc	39 33.20	-0.2
		e	35 19.60	-1.7			38 54.20	3.7X		0.8s	32.50nm		5.4mb	
PDCR	42.16	117 eP	35 24.90	18km	EHOR	71.15	53 eP	38 54.75	3.3X	SVW	78.51	331 eP	39 31.50	-1.7
		e	35 23.10	-2.0	TIC	71.18	85 P	38 51.40	-0.6	LOR	78.54	43 iPc	39 33.20	-0.4
JFO	43.49	132 eP	35 27.90	-8.0X		1.1s	77.00nm				0.9s	23.60nm		5.2mb
GLA	43.76	312 eP	35 38.50	0.5	LIC	71.21	86 P	38 51.72	-0.5	LBF	78.61	44 eP	39 33.50	-0.6
SRU	44.09	322 eP	35 40.61	-0.2		0.8s	57.00nm			1.1s	25.15nm		5.2mb	
EMUT	44.70	322 eP	35 46.61	20km	KIC	71.48	86 P	38 53.46	-0.4	TTA	78.90	333 eP	39 32.40	-3.0
		ipP	35 45.73	0.0		1.2s	144.50nm		SNF	78.95	40 iPd	39 35.98	0.3	
MSU	44.77	320 ePc	35 51.64	20km	ELUQ	71.90	53 eP	38 59.53	3.5X	SSB	78.96	45 P	39 36.43	0.4
		ipP	35 46.55	0.2	BALM	72.20	332 eP	38 56.86	-0.6	UCC	79.01	40 P	39 35.00	-1.0
ARUT	45.19	318 eP	35 52.82	21km			eP	39 02.46	18km	DOU	79.13	40 P	39 36.80	0.1
		ipP	35 49.82	0.2	DCN	72.22	36 eP	38 57.40	-0.1	VITF	80.00	42 P	39 41.46	0.0
DAU	45.33	323 ePc	35 55.69	20km		1.0s	128.00nm		ENN	80.00	40 eP	39 42.00	0.6	
		ipP	35 50.94	0.0	GUD	72.29	50 eP	39 02.03	3.7X		1.0s	50.00nm		5.5mb
PEC	45.88	311 ePc	35 57.03	20km	ECOG	72.44	53 eP	39 02.71	3.4X	WLF	80.13	41 iPc	39 42.67	0.6
	1.2s	44.87nm	35 55.42	0.4	ECP	72.52	37 eP	38 58.90	-0.3	BRW	80.19	341 (P)	39 41.02	-1.0
ULM	45.97	343 eP	35 57.00	1.6	DMU	72.55	36 eP	38 59.30	-0.1	HAU	80.24	43 iPc	39 42.70	-0.1
DUG	46.16	321 eP	35 57.36	0.2		0.9s	115.00nm		LRG	80.25	47 iPc	39 43.30	0.4	
	0.8s	24.18nm		5.2mb	DLF	72.65	36 eP	38 59.00	-1.0		0.8s	26.45nm		5.3mb
		eP	36 03.16	19km	ETA	72.72	37 eP	39 00.10	-0.3	LMR	80.36	47 iPc	39 43.80	0.3
GSC	46.26	313 eP	35 58.54	0.5	MBC	72.99	350 eP	39 00.50	-1.1	FRF	80.45	47 iPc	39 44.30	0.3
		eP	36 03.69	17km		1.0s	37.00nm		LPL	80.50	45 eP	39 45.30	0.8	
		ePcP	37 38.50		ENIJ	73.50	54 eP	39 08.18	2.8X		1.1s	47.35nm		5.4mb
SSK	46.42	311 eP	35 59.70	0.3	ECRI	73.71	48 eP	39 10.52	4.0X	WIT	80.50	38 eP	39 46.00	2.0
		eP	36 05.30	19km	KLU	73.99	332 eP	39 06.48	-1.3	LPG	80.51	45 iPc	39 45.50	0.8
TPNV	46.66	316 eP	36 02.27	1.0			eP	39 12.40	19km		0.6s	13.10nm		5.1mb
	0.8s	24.19nm		5.3mb	TOA	74.27	333 eP	39 10.30	0.9	BSF	80.54	43 iPc	39 44.10	-0.4
JAO	46.67	1 eP	36 00.00	-0.8	ECHE	74.64	51 eP	39 15.63	3.7X		0.6s	13.25nm		5.1mb
PTI	47.51	325 eP	36 07.35	-0.5	EKA	74.97	35 Pd	39 13.20	-0.2	LOMF	80.56	43 P	39 44.43	-0.2
ISA	47.64	313 eP	36 09.06	0.2		1.6s	90.00nm		WTS	80.57	39 ePc	39 45.00	0.6	
	1.1s	33.82nm		5.3mb	EBL	75.10	34 eP	39 17.40	3.2X		0.8s	63.00nm		5.7mb
Z	20s	2.72um		5.2Msz	EDU	75.25	33 eP	39 15.20	0.1	EMS	80.64	45 ePd	39 45.80	0.6
		eP	36 15.00	20km		0.9s	86.00nm		EMS	80.64	45 P	39 49.77	4.6X	
		ePcP	37 42.63		LPF	75.29	42 eP	39 15.20	-0.2	MOF	80.77	43 P	39 45.11	-0.6
ABL	47.83	312 eP	36 09.71	-0.9		1.1s	48.85nm		ECH	80.78	42 P	39 45.54	-0.1	
TNP	47.89	316 eP	36 10.93	-0.1	ESY	75.37	34 eP	39 15.50	-0.2	CDF	80.86	42 P	39 45.79	-0.4
	1.0s	57.02nm		5.6mb		0.8s	23.00nm		WLS	80.91	42 P	39 46.21	-0.2	
BONR	48.58	316 eP	36 17.14	0.7	GRR	75.45	42 iPc	39 16.30	0.0	DIX	80.97	45 ePd	39 47.40	0.4
		ipP	36 23.32	21km		0.7s	38.35nm		BBS	81.02	43 P	39 46.64	-0.4	
BCH	48.61	312 eP	36 16.82	0.3	PMR	75.51	332 eP	39 15.03	-1.4	LIBD	81.08	42 P	39 47.33	0.1
MEMM	48.88	315 eP	36 19.69	1.3		1.0s	24.12nm		LANF	81.21	42 P	39 48.26	0.4	
KVN	48.97	317 eP	36 19.47	0.2	FBA	75.68	335 eP	39 18.10	0.7	HOFF	81.31	42 P	39 48.94	0.6
		eP	36 25.38	20km		1.1s	46.00nm		MMK	81.36	45 ePd	39 49.20	0.2	
PHAM	49.12	312 eP	36 20.32	0.0	FLN	75.73	42 iPc	39 18.10	0.1	FEL	81.36	43 P	39 48.68	-0.2
FRI	49.12	314 eP	36 19.38	-0.9	MFF	75.76	44 iPc	39 18.30	0.1	TNS	81.61	40 ePc	39 50.40	0.4
LRM	49.42	328 eP	36 22.40	-0.4		0.8s	47.30nm		ZLA	81.62	43 ePd	39 50.70	0.6	
		e	36 27.70	18km	EROQ	75.76	50 eP	39 22.29	4.0X	SLE	81.68	43 ePd	39 51.00	0.6
LLA	49.85	313 iPc	36 25.24	-0.7	SLKM	75.81	331 eP	39 15.55	-2.6	MUD	81.97	34 iPc	39 52.70	1.1
PRS	50.04	312 ePc	36 26.69	-0.7			eP	39 22.27	22km		1.2s	28.00nm		5.2mb
CMB	50.07	315 P	36 40.00	12.4X	EBR	75.82	50 eP	39 23.00	4.4X	TMA	81.99	44 iPd	39 52.80	0.6
Z	19s	2.09um		5.2Msz	EPF	75.84	47 iPc	39 19.20	0.4	LLS	82.05	44 ePd	39 53.70	1.1
ARN	50.59	313 eP	36 31.72	0.2		0.9s	52.40nm		VDL	82.39	44 ePd	39 55.30	1.0	
		eP	36 37.36	19km	LDF	75.95	42 eP	39 19.20	0.0	OSS	82.84	44 ePd	39 57.50	0.8
GCC	50.79	313 eP	36 32.79	-0.2	DAG	76.17	12 iPd	39 19.00	-1.0	NB2	82.95	29 P	39 57.30	0.6
ORV	51.53	316 ePc	36 38.63	0.0		0.6s	48.67nm			1.2s	30.00nm		5.3mb	
SES	51.82	333 iPd	36 40.00	-0.7	LFF	76.25	46 iPc	39 21.00	0.0	GRF	83.42	41 iPc	40 00.00	0.7
	1.5s	189.00nm		5.8mb		0.7s	28.45nm			1.5s	55.00nm		5.5mb	
NTYM	51.84	314 eP	36 40.64	-0.3	LPO	76.55	46 iPc	39 22.70	0.0			i(P)d	40 03.80	12km
LBFM	52.62	318 ePc	36 46.07	-1.0		1.0s	56.00nm		OGA	83.44	44 eP	40 00.70	0.9	
		eP	36 52.25	20km	SPU	76.81	331 eP	39 21.72	-2.1	FUR	83.54	42 eP	40 05.00	5.0X
FCC	53.33	349 eP	36 57.50	5.8X	RJF	76.82	45 iPc	39 24.10	-0.1	MOX	83.62	40 eP	40 01.10	0.8
NEW	53.44	327 eP	36 51.00	-1.8		0.8s	31.95nm			2.3s	160.00nm		5.8mb	
	1.2s	65.91nm		5.5mb	LSF	76.89	44 iPc	39 24.40	-0.1	HFS	84.22	30 eP	40 02.20	-0.9
FHC	53.79	316 iPc	36 54.36	-1.1		0.8s	26.60nm			1.7s	102.60nm		5.8mb	
DPW	53.80	326 eP	36 54.15	-1.3	CAF	77.19	46 iPc	39 26.40	0.1	CLL	84.45	39 iPc	40 04.80	0.3
		eP	36 59.39	17km		1.2s	82.70nm			1.6s	46.00nm		5.5mb	
VGB	53.97	323 eP	36 56.30	-0.4	TCF	77.36	44 eP	39 26.00	-1.2			i	40 08.70	12km
		ipP	37 02.43	20km		1.1s	33.20nm		WET	84.53	41 iPc	40 05.60	0.6	
LON	55.23	324 eP	37 05.23	-0.8	MAF	77.61	44 iPc	39 28.40	-0.1		1.5s	73.00nm		5.7mb
RMW	55.60	324 eP	37 06.78	-1.9		1.1s	52.25nm		BHG	84.64	43 eP	40 05.30	-0.2	
		eP	37 12.15	18km	ETER	77.66	48 eP	39 33.04	4.2X	KHC	84.99	41 iPc	40 08.10	0.8
GMW	56.21	324 eP	37 12.30	-0.7	BGF	77.82	44 iPc	39 29.60	0.0		1.3s	43.40nm		5.5mb
MCW	56.82	325 (P)	37 18.93	1.5		0.7s	26.35nm				e	40 12.50	14km	
PGC	57.16	325 eP	37 24.00	4.3X	PYM	77.89	45 P	39 30.05	-0.1			e	40 35.00	
YKA	61.88	341 eP	37 50.20	-1.9	AGO	77.99	45 P	39 30.27	-0.4	BRG	85.08	39 iPc	40 08.40	0.8
	0.9s	79.40nm		5.9mb	LBL	78.04	45 P	39 31.39	0.4		1.4s	58.00nm		5.6mb
ANTZ	66.42	62 iPd	38 20.00	-2.3		78.04	45 P	39 31.39	0.4			i	40 12.20	12km
TIO	68.87	60 iP	38 40.00	2.2	AVF	78.17	44 iPc	39 31.30	-0.3	GEC2	85.10	42 P	40 08.19	0.3
REY	68.94	23 iP	38 44.10	6.7X		0.8s	24.60nm		GEC2	85.10	42 e(P)	40 14.60	6.7X	
STS	69.34	47 eP	38 43.84	3.5X	SSF	78.29	43 iPc	39 31.90	-0.3		0.8s	14.50nm		5.3mb
ERUA	70.29	48 eP												

18d 18h

UPP	86.21	30	iP	40	12.80	-0.2	LSA	141.71	17	PKP	47	01.80	-3.3X	CLMC	2.89	179	ePd	07	58.01	-1.0							
KSP	86.56	39	ePc	40	15.80	0.8	CD2	142.30	359	ePKP	47	02.00	-3.6X	AZUC	3.11	171	ePd	08	01.65	-0.8							
			i	40	19.80	13km	ASPA	146.21	237	ePKP	47	12.30	-0.1	ANCC	3.26	184	iPc	08	02.97	-1.2							
PTJ	86.93	44	eP	40	17.10	0.1	GVA	146.57	354	PKP	47	13.40	0.4	HOOC	3.30	180	ePd	08	03.36	-1.5							
ZST	87.42	42	eP	40	20.00	0.8	GBA	147.22	51	PKP	47	16.00	1.9	SILC	4.08	176	eP	08	16.38	0.3							
KEV	88.21	20	iP	40	23.00	0.4	KMI	148.06	1	ePKP	47	15.00	-0.6	PURC	4.44	177	iPc	08	22.88	1.5							
	1.0s		40.00nm			5.7mb	WARB	150.65	227	ePKP	47	24.00	4.8X	SDV	6.30	70	iPnd	08	49.60	2.3							
SRO	88.27	42	eP	40	21.80	-1.5	CGP	153.66	305	ePKPc	47	31.00	7.2X	TOV	7.40	66	iPd	09	23.40	20.8X							
SDF	88.60	22	iP	40	24.00	-0.5	S.D. = 1.0 on 255 of 311 obs.												CEOS	8.52	74	eP	09	17.10	-1.2		
BUD	88.80	42	e(P)	40	25.50	-0.3															eS	10	47.50				
OJC	88.86	40	eP	40	27.70	1.6	& OCT 18, 1992 18h 27m 48.76s														LLAV	10.38	69	eP	09	42.20	-1.8
	1.2s		95.00nm			6.0mb	59.318 N 153.281 W														STH	11.22	359	iPd	09	49.55	-5.9X
			e	40	31.50	12km	DEPTH = 92.3km														GUAN	11.31	73	eP	09	55.10	-1.7
SPC	89.32	41	eP	40	29.70	1.1	SOUTHERN ALASKA (2)																				
NUR	89.54	29	iP	40	28.50	-0.6	<AEIC>.														CUM	12.85	73	eP	10	19.00	1.6
	0.9s		42.90nm			5.7mb	AUE	0.06	311	iPc	28	01.27	1.0	GRW	15.70	69	eP	10	53.35	-1.6							
KAF	89.93	27	iP	40	30.20	-0.6	AUI	0.08	283	iPc	28	01.18	0.8	SVB	16.45	66	eP	10	58.00	-5.7X							
	1.0s		43.70nm			5.6mb			eS	28	10.81		SVV	16.50	66	eP	11	00.56	-4.6X								
ADK	90.62	322	eP	40	33.74	-0.5	AUP	-0.08	302	iPc	28	01.45	1.0	MGH	17.21	54	eP	11	17.52	3.5X							
	1.2s		120.26nm			6.1mb	AUH	0.10	299	iPc	28	01.41	0.9	PAG	17.28	57	eP	11	15.00	-0.1							
			epP	40	39.34	17km	AUL	0.10	309	iPc	28	01.45	1.1	BPA	17.67	53	eP	11	19.06	-0.8							
UZH	90.76	41	eP	40	37.50	2.6	AUW	0.11	298	iPc	28	01.43	1.0	CPB	18.03	52	eP	11	19.87	-4.4X							
			e	40	41.20	12km	AUW	0.11	298	iPc	28	01.43	1.0	OXX	22.13	299	(P)	12	11.50	1.8							
SKO	91.44	48	iP	40	38.50	0.3	OPT	0.34	4	iPc	28	02.18	-0.7	ARE	23.65	168	eP	12	29.00	4.4X							
	1.4s		104.00nm			6.0mb			eS	28	12.72		ZOBO	24.42	160	P	12	33.30	0.8								
			i	40	43.20	15km	CDD	0.43	206	iPc	28	02.64	-0.9			i	20	12.10									
FNA	91.61	49	ePd	40	39.80	0.7	MCNL	0.56	257	iPc	28	03.57	-0.9	LPB	24.66	160	eP	12	37.00	2.5							
GRG	92.34	48	ePc	40	42.00	-0.4			eS	28	14.87				e	20	21.00										
VAY	92.39	48	iP	40	44.00	1.4	PDB	0.66	316	iPc	28	04.41	-0.9	CNCB	24.96	160	eP	12	40.00	2.4							
PUL	92.47	29	(P)	40	43.00	0.4			eS	28	16.67		CCH	26.16	157	eP	12	48.00	-0.5								
			e	40	47.00	12km	INE	0.75	8	iPc	28	05.39	-1.0	SGS	26.52	353	(P)	12	55.14	3.8X							
LIT	92.57	49	ePd	40	43.60	0.1	INW	0.76	6	eP	28	05.39	-1.1	JSC	27.69	352	(P)	13	02.78	0.7							
AGG	92.66	50	ePd	40	44.56	0.6			eS	28	18.67		LHS	27.82	353	eP	13	04.94	1.7								
KNT	92.67	48	ePd	40	44.96	1.0	XLV	0.81	80	eP	28	05.91	-0.9	CEH	29.05	356	P	13	30.00	15.7X							
SOH	93.07	48	ePc	40	46.36	0.5	SYI	0.85	147	eP	28	06.25	-0.9		Z	19s	1.45um										
SRS	93.19	48	ePd	40	47.12	0.8			eS	28	06.25	-0.9	NAV	30.62	353	(P)	13	29.63	1.2								
CMP	93.31	44	ePc	40	52.00	5.2X	HOM	0.90	67	ePc	28	07.19	-0.6	OLY	31.66	337	ePc	13	36.74	-0.8							
MLR	93.88	43	ePc	40	51.00	1.4	CNPM	1.07	78	iPc	28	08.57	-1.1	MIAR	31.74	333	eP	13	36.66	-1.5							
BCAO	94.72	85	iPc	40	54.00	0.1			eS	28	24.20			1.3s	14.90nm												
	1.6s		182.00nm			6.2mb	RED	1.13	13	ePc	28	09.54	-1.0	UYO	31.84	331	iPc	13	38.20	-0.9							
ALN	95.05	48	eP	41	07.28	12.4X			eS	28	25.92		ELC	32.45	341	ePd	13	43.64	-0.7								
NVL	96.10	161	eP	40	59.00	0.0	RS1	1.18	13	eP	28	10.33	-0.9	VVO	33.40	331	eP	13	52.00	-0.7							
	1.6s		30.00nm			5.5mb			eS	28	26.78		FVM	33.48	340	ePd	13	52.50	-0.9								
			e	44	12.00		RSO	1.18	13	ePd	28	10.33	-0.9		0.8s	17.92nm											
			e	44	45.00				eS	28	26.62		RLO	33.74	333	eP	13	54.10	-1.5								
SPA	96.96	180	ePc	41	04.70	1.5	RS2	1.18	13	iPd	28	10.36	-0.9	LNO	33.89	331	eP	13	55.10	-1.7							
	1.0s		11.00nm			5.4mb			eS	28	26.63		TUL	33.89	331	eP	13	55.40	-1.5								
			i	44	59.80		RDW	1.19	11	iPd	28	10.44	-0.9		1.0s	23.40nm											
OBN	97.31	32	eP	41	05.00	0.2			eS	28	26.59		SIO	34.01	331	e(P)	13	56.90	-1.0								
	1.2s		22.00nm			5.6mb	REF	1.21	14	eP	28	10.62	-1.0	TBR	34.28	3	eP	14	02.24	2.1							
Z	22s		1.90um			5.5Msz			eS	28	27.42		MEO	34.43	327	iPc	13	59.70	-1.9								
E	22s		1.30um						eS	28	29.68		HRV	35.85	6	P	14	20.00	6.4X								
			i	41	09.00	13km	RDN	1.23	12	eP	28	11.01	-0.7		Z	22s	1.10um										
			e	45	05.00				eS	28	11.17	-0.9	BOF	36.16	128	e(P)	14	18.00	1.4								
MOS	97.59	31	eP	41	05.00	-1.1	NCT	1.26	8	ePd	28	11.30	-1.2			e	14	22.10	14km								
			e	41	10.00	16km	BRLK	1.30	69	P	28	11.93	-0.8			e	14	26.90									
TIK	99.72	352	eP	41	19.00	3.5X	DFR	1.31	13	ePd	28	11.84	-1.2			e	14	29.80									
	1.0s		9.00nm			5.3mb	RDT	1.33	19	iPd	28	11.84	-1.2			e	14	32.80									
Z	20s		1.50um			5.5Msz			eS	28	19.68				e	14	32.80										
			e	45	21.00		KDC	1.63	165	P	28	15.30	-1.3			e	14	36.00									
ASH	118.81	40	ePKP	46	26.50	5.6X	NKA	1.76	35	eP	28	19.66	1.3	RSNY	37.66	2	eP	14	31.40	2.6							
KSH	127.34	26	PKP	46	34.30	-3.2X	BKG	1.83	16	iPd	28	18.45	-0.9		1.1s	16.83nm											
WMQ	127.50	14	ePKP	46	40.00	2.4	CKL	1.94	14	iPd	28	19.95	-1.0		Z	20s	0.75um										
CNB	129.21	230	ePKP	46	41.60	0.5	SLKM	1.95	51	eP	28	20.30	-0.6	PPD	37.90	140	(P)	14	31.00	0.0							
	1.0s		26.00nm				CKT	1.96	15	eP	28	20.10	-1.1	JFWS	37.93	344	P	14	40.00	8.9X							
QUE	129.22	41	ePKP	46	41.70	0.3	SPU	1.97	18	ePc	28	20.21	-1.0		Z	20s	1.17um										
BJI	131.69	347	ePKP	46	43.50	-2.0	BGL	2.00	12	eP	28	20.85	-0.9	ALO	39.22	320	P	14	50.05								

ARUT	45.45	318	iPc	15	33.34	0.3	1.2s	27.95nm	5.2mb	HOOC	3.97	182	eP	11	55.91	-1.8				
DAU	45.59	323	iPc	15	34.55	0.3	LBF	78.67	44 eP	19	14.80	-0.9	SILC	4.74	178	eP	12	10.94	2.0	
PEC	46.13	311	eP	15	38.62	0.3	1.1s	16.10nm	5.0mb	PURC	5.10	178	eP	12	15.65	1.5				
ULM	46.22	343	eP	15	42.00	3.3X	SNF	79.02	40 Pc	19	24.50	7.0X	SDV	6.00	76	ePn	12	28.40	2.0	
DUG	46.41	321	eP	15	40.61	0.1	DOU	79.20	40 P	19	21.40	2.9	TOV	7.04	70	eP	12	42.50	1.5	
	0.8s	9.48nm	4.9mb					e	19	25.70	14km	CEOS	8.25	79	eP	12	56.80	-1.2		
GSC	46.51	313	ePc	15	41.73	0.4	ENN	80.07	40 eP	19	26.00	2.8	MORO	8.78	67	eP	13	05.00	-0.4	
SSK	46.67	312 (P)	15	44.57	1.9		0.7s	6.00nm	4.7mb	CAR	9.95	72	iP	13	29.00	7.5X				
TPNV	46.91	316 (P)	15	45.12	0.5			e	19	30.00	13km	CUM	12.56	75	eP	14	06.00	9.1X		
	0.7s	6.37nm	4.8mb										eS			16	34.00			
PTI	47.76	325	eP	15	50.93	-0.3	WLF	80.20	41 iPc	19	31.27	7.4X	TRN	15.26	77	eP	14	31.00	-1.5	
ISA	47.89	313 P	16	00.00	7.8X		HAU	80.30	43 eP	19	23.90	-0.6	PAG	16.83	58	eP	14	50.00	-2.7	
Z	21s	0.70um	4.6Msz				LPL	80.55	45 eP	19	26.50	0.3	OXX	21.91	298 (P)	15	53.00	2.2		
TNP	48.14	316 eP	15	53.78	-0.6		LPG	80.56	45 eP	19	26.80	0.5	IISM	23.28	302 (P)	16	07.00	2.9X		
	0.8s	9.56nm	4.9mb				1.2s	21.40nm	5.0mb			ZOBO	25.01	161 P	16	21.20	-0.4			
BONR	48.83	316 eP	15	59.91	0.2		BSF	80.60	43 eP	19	25.40	-0.8		1.8s	198.65nm	5.5mb				
BCH	48.86	312 eP	15	59.33	-0.4		1.0s	25.40nm	5.2mb			LPB	25.25	161 Pd	16	25.00	1.4			
LRM	49.68	328 eP	16	05.30	-0.8		WTS	80.65	39 eP	19	30.00	3.8X		1.3s	307.69nm	5.8mb				
CMB	50.32	315 P	16	20.00	9.1X		0.7s	40.00nm	5.5mb			Z	16s	2.69um	4.9MszX					
	Z	20s	0.77um	4.7Msz			CDF	80.92	42 eP	19	27.50	-0.4		LR	26	13.00				
ORV	51.79	316 ePc	16	21.74	-0.2		DIX	81.02	44 P	19	36.54	7.8X	CNCB	25.55	161 iPd	16	27.80	1.2		
SES	52.08	333 eP	16	23.00	-1.0		MMK	81.41	45 P	19	38.83	8.2X	CCH	26.73	158 P	16	36.00	-1.2		
LBFM	52.87	318 ePc	16	29.35	-1.0		SLE	81.74	43 P	19	39.11	7.0X	MRX	26.84	299 (P)	16	40.00	2.1		
WDC	52.96	317 P	16	40.00	9.3X		TMA	82.04	44 P	19	37.02	3.2X	JSC	27.05	351 eP	16	40.13	0.5		
	Z	19s	0.69um	4.7Msz			OSS	82.90	44 P	19	45.91	7.6X	LHS	27.18	352 eP	16	40.18	-0.6		
NEW	53.70	327 eP	16	34.90	-1.1		NB2	83.07	29 P	19	40.80	2.1	CEH	28.40	356 P	17	00.00	8.2X		
	1.0s	14.00nm	4.9mb				0.9s	3.90nm	4.6mb			Z	18s	1.36um	4.6Msz					
FHC	54.04	316 ePc	16	39.01	0.3		GRF	83.49	41 ePd	19	48.30	7.2X	NAV	29.97	353 eP	17	07.05	1.0		
	1.1s	72.83nm	5.6mb				1.5s	35.00nm	5.3mb			OLY	31.10	336 eP	17	15.02	-0.9			
DPW	54.05	327 iPc	16	37.88	-0.8		MOX	83.69	40 eP	19	49.30	7.2X	MIAR	31.20	332 eP	17	15.24	-1.6		
VGB	54.23	323 iPc	16	40.04	0.1		1.8s	23.00nm	5.1mb			Z	1.2s	21.00nm	4.9mb					
SHW	55.45	323 (P)	16	51.95	2.9		CLL	84.53	39 iP	19	53.00	6.8X		Z	22s	0.47um	4.1MszX			
YKA	62.13	341 eP	17	32.90	-2.2		1.2s	19.00nm	5.2mb			UYO	31.31	331 iPc	17	17.20	-0.6			
	0.7s	6.30nm	4.9mb				BRG	85.15	39 eP	19	53.00	3.6X	ELC	31.86	341 eP	17	21.32	-1.3		
TIC	71.05	85 P	18	32.76	0.1		1.0s	10.00nm	5.0mb			MCWV	32.20	355 P	17	40.00	14.5X			
	0.9s	23.00nm	5.3mb				GEC2	85.16	42 e(P)	19	51.00	1.4	Z	18s	2.10um	4.9Msz				
LIC	71.08	86 P	18	33.06	0.3		1.2s	3.80nm	4.5mb			VVO	32.88	330 eP	17	30.10	-1.4			
	0.9s	32.50nm	5.5mb				PRU	85.61	40 eP	19	55.50	3.8X	FVM	32.90	340 eP	17	30.34	-1.3		
KIC	71.35	86 P	18	34.70	0.3		0.9s	e	19	59.50	13km	Z	1.1s	146.95nm	5.8mb					
	1.0s	48.00nm	5.6mb				KSP	86.64	39 eP	20	00.50	3.7X		Z	18s	1.08um	4.6Msz			
DCN	72.31	36 eP	18	41.20	1.8		e	20	04.80	14km		RLO	33.20	332 eP	17	32.70	-1.6			
DMU	72.64	36 eP	18	42.60	1.3		OJC	88.94	40 eP	20	10.00	2.2	LVNJ	33.25	2 (P)	17	35.17	0.5		
DLF	72.73	36 eP	18	43.00	1.1		e	20	16.50	20km		LNO	33.36	331 eP	17	33.80	-1.8			
MBC	73.23	350 eP	18	43.50	-0.9		SPC	89.39	41 eP	20	18.40	8.1X	TUL	33.36	331 eP	17	34.40	-1.3		
	0.9s	3.00nm	4.4mb				NUR	89.66	29 iP	20	17.40	6.4X		0.9s	70.60nm	5.6mb				
EKA	75.06	35 P	19	02.00	6.6X		0.6s	6.60nm	5.1mb			Z	20s	0.46um	4.2Msz					
	1.1s	24.40nm	5.1mb				KAF	90.05	27 iP	20	19.50	6.7X	SIO	33.48	330 eP	17	35.50	-1.3		
LPF	75.35	42 eP	18	56.60	-0.6		1.0s	13.30nm	5.1mb			TBR	33.60	3 eP	17	38.60	0.9			
	1.1s	35.15nm	5.3mb				BCAO	94.60	85 iPc	20	40.50	5.8X	FNO	33.66	328 iPd	17	37.40	-0.9		
GRR	75.51	42 eP	18	57.60	-0.5		0.9s	9.00nm	5.2mb			OCO	33.90	328 iPd	17	39.00	-1.4			
	1.0s	53.40nm	5.5mb				ASPA	146.22	237 iPKPd	26	53.90	0.1	MEQ	33.93	326 iPc	17	38.70	-2.0		
FLN	75.80	42 eP	18	59.40	-0.3		GYA	146.80	355 PKP	27	00.40	5.6X	HRV	35.18	6 P	18	00.00	8.7X		
	0.9s	36.55nm	5.4mb				GBA	147.24	52 PKP	26	59.00	3.5X	Z	20s	1.11um	4.6Msz				
MFF	75.82	44 eP	18	59.50	-0.4		KMI	148.28	1 ePKP	27	04.50	7.2X	TYNO	35.62	356 P	17	56.56	1.6		
	1.0s	47.20nm	5.5mb				S.D. = 1.2 on 108 of 150 obs.					STCO	35.68	357 P	17	59.06	3.5X			
EPF	75.88	47 eP	19	00.50	0.1		% OCT 18, 1992 19h 50m 48.75±2.06s					ACTO	36.14	356 P	18	00.27	0.8			
	1.3s	64.25nm	5.5mb				15.473 N ± 7.6km 60.695 W ± 31.7km					WLVO	36.36	358 P	18	01.98	0.7			
LDF	76.02	42 eP	19	00.60	-0.4		DEPTH = 33.0km (normal)					BAD	36.40	129 Pd	18	01.00	-1.1			
	1.1s	42.75nm	5.4mb				LEEWARD ISLANDS (92)						e	18	03.90	10km				
SLKM	76.06	331 eP	19	02.10	1.1		ML 2.5 (FDF).						e	18	07.00					
LFF	76.30	46 eP	19	02.30	-0.3								e	18	16.00					
	1.2s	41.35nm	5.4mb				MGG	0.75	307 eP	51	03.00	0.2		e	18	21.80				
DAG	76.35	12 iPd	19	07.80	5.4X			S	51	14.50				e	18	42.00				
	0.4s	7.63nm	5.1mb				CRM	0.75	197 ePd	51	03.38	0.6			e	28	23.10			
LPO	76.60	46 eP	19	03.80	-0.5		FDF	0.86	211 iPd	51	04.16	-0.3			e	28	39.00			
	0.9s	24.25nm	5.3mb					S	51	17.60				e	28	50.00				
RJF	76.87	45 eP	19	05.30	-0.5		DEG	0.91	337 eP	51	05.00	-0.2			e	29	13.50			
	0.9s	25.05nm	5.3mb					S	51	18.50				e	29	33.40				
LSF	76.94	44 eP	19	05.60	-0.6		MVM	0.93	192 iPd	51	05.55	0.0			e	29	46.90			
	1.2s	33.90nm	5.3mb					S	51	20.10				e	29	55.00				
CAF	77.24	46 eP	19	07.60	-0.3		BIM	1.02	201 eP	51	06.36	-0.4			e	30	13.00			
	1.1s	31.00nm	5.3mb					S	51	21.30				e	30	29.00				
TCF	77.42	44 eP	19	08.30	-0.6		S.D. = 0.5 on 6 of 6 obs.							e	30	43.20				
	1.1s	22.45nm	5.2mb				OCT 18, 1992 20h 10m 55.62±0.21s							e	30	55.10				
MAF	77.66	44 eP	19	09.60	-0.6		7.458 N ± 3.7km 76.521 W ± 4.4km								e	31	01.20			
	1.1s	27.85nm	5.2mb				DEPTH = 12.8km (4 depth phases)								e	31	05.00			
BGF	77.87	44 eP	19	10.80	-0.5		5.1mb (43 obs.) 4.6Msz (15 obs.)								e	31	13.20			
	1.2s	37.80nm	5.3mb				NORTHERN COLOMBIA (99)								e	31	23.00			
AVF	78.23	44 eP	19	12.60	-0.7										e	31	31.00			
	1.1s	20.25nm	5.1mb				HOBC	3.11	173 eP	11	43.79	-1.6	BDF	36.49	129 Pd	18	02.60	-0.2		
SSF	78.35	43 eP	19	13.20	-0.7		CLMC	3.55	181 eP	11	50.53	-1.3			e	18	06.00	11km		
	1.2s	30.65nm	5.2mb				AZUC	3.76	174 eP	11	55.01	0.0			e	18	14.80			
SMF	78.56	44 eP	19	14.50	-0.6		ANCC	3.93	185 eP	11	56.74	-0.3			e	18	18.30			
	1.0s	24.60nm	5.2mb												e	18	30.70			
IMA	78.58	336 (P)	19	15.47	0.5															

18d 20h

	e	18 46.00	
	e	28 36.00	
	e	28 39.00	
	e	28 50.00	
	e	29 02.10	
	e	29 15.00	
	e	29 35.00	
	e	29 49.00	
	e	30 06.00	
	e	30 22.10	
	e	30 28.20	
	e	30 40.50	
	e	30 46.70	
	e	30 50.00	
	e	31 02.10	
RSNY	36.99 2 eP	18 06.81 0.3	
	1.2s 38.43nm	5.1mb	
Z	20s 0.66um	4.4Msz	
JFWS	37.33 343 eP	18 07.86 -1.6	
	1.1s 63.83nm	5.3mb	
Z	19s 1.41um	4.8Msz	
PPD	38.34 140 eP	18 15.60 -2.6	
ALO	38.79 319 eP	18 21.82 -0.2	
	1.3s 93.64nm	5.3mb	
Z	19s 0.75um	4.5Msz	
EEO	39.10 357 eP	18 29.50 5.2X	
LMN	39.57 13 eP	18 32.00 3.8X	
TUC	40.31 313 eP	18 34.63 0.1	
	1.4s 47.54nm	5.0mb	
Z	19s 1.47um	4.8Msz	
	ePP	20 15.66	
MDZ	40.78 170 eP	18 40.80 2.5	
GOL	41.22 326 eP	18 42.46 0.3	
	0.8s 61.44nm	5.4mb	
Z	21s 0.65um	4.5Msz	
VAO	41.86 137 eP	18 45.90 -1.5	
PDRC	42.14 118 eP	18 48.00 -1.7	
GLA	43.65 311 eP	19 02.51 0.6	
	ePP	20 46.51	
SRU	43.90 321 ePd	19 04.11 0.2	
EMUT	44.50 322 ePd	19 09.15 0.2	
MSU	44.59 319 ePd	19 10.19 0.5	
	e	20 55.55 593kmX	
ARUT	45.02 318 eP	19 13.40 0.3	
DAU	45.13 322 eP	19 14.39 0.3	
	ePP	21 08.69	
PLM	45.32 310 eP	19 16.34 0.9	
ULM	45.61 343 eP	19 19.50 2.2	
BW06	45.63 326 iPd	19 16.89 -0.9	
	1.2s 68.49nm	5.5mb	
PEC	45.77 311 eP	19 19.95 1.1	
	1.2s 18.28nm	4.9mb	
	PP	21 15.71	
DUG	45.96 321 ePd	19 20.81 0.4	
	1.1s 27.86nm	5.2mb	
GSC	46.14 313 eP	19 21.83 0.0	
JAO	46.21 1 eP	19 23.00 1.0	
TPNV	46.52 315 (P)	19 26.04 1.2	
	0.9s 16.29nm	5.1mb	
PTI	47.29 324 eP	19 30.56 -0.3	
ISA	47.52 312 eP	19 32.89 0.2	
	1.6s 35.84nm	5.2mb	
Z	22s 0.88um	4.7Msz	
	ePcP	21 06.01	
TNP	47.74 316 eP	19 33.76 -0.8	
	1.2s 33.77nm	5.3mb	
BONR	48.43 315 ePd	19 40.51 0.4	
BCH	48.50 311 (P)	19 40.64 0.2	
MEMM	48.74 315 eP	19 43.23 1.2	
	e	19 48.38 17km	
LRM	49.18 327 eP	19 45.30 -0.3	
CMB	49.93 314 P	20 00.00 8.7X	
	Z 22s 0.58um	4.5Msz	
ARN	50.46 313 eP	19 55.85 0.5	
ORV	51.38 316 eP	20 02.44 0.2	
SES	51.54 332 eP	20 03.00 -0.3	
	0.9s 47.00nm	5.4mb	
NTYM	51.71 314 (P)	20 03.94 -0.7	
LBFM	52.45 317 eP	20 09.43 -1.2	
WDC	52.55 316 P	20 20.00 8.9X	
	Z 20s 0.61um	4.6Msz	
NEW	53.20 327 eP	20 15.10 -0.7	
	1.2s 46.97nm	5.3mb	
DPW	53.56 326 eP	20 17.62 -0.9	
	ePP	22 27.03	
FHC	53.64 316 eP	20 19.54 0.4	
	1.7s 369.00nm	6.1mb	

VGB	53.77 323 eP	20 19.56 -0.4	
LON	55.02 323 eP	20 27.17 -2.0	
MCW	56.60 325 eP	20 39.42 -1.1	
YKA	61.54 341 P	21 12.89 -1.6	
	0.8s 26.00nm	5.4mb	
TIC	70.89 86 P	22 12.22 -2.9	
LIC	70.92 86 P	22 15.12 -0.1	
KIC	71.19 86 P	22 16.78 -0.1	
	1.0s 24.00nm	5.3mb	
DCN	71.70 36 eP	22 20.60 1.4	
DMU	72.04 36 eP	22 22.60 1.4	
DLF	72.13 36 eP	22 22.50 0.8	
	e	55 19.00	
MBC	72.59 350 ePc	22 23.30 -0.8	
	1.0s 13.00nm	5.0mb	
TOA	73.98 333 eP	22 32.80 0.3	
LPF	74.78 42 eP	22 35.80 -1.5	
	1.1s 15.15nm	4.9mb	
GRR	74.94 42 eP	22 36.80 -1.4	
	1.2s 28.25nm	5.2mb	
MFF	75.26 44 eP	22 38.90 -1.2	
	1.0s 19.00nm	5.1mb	
EPF	75.35 48 eP	22 41.70 0.9	
	1.0s 12.20nm	4.9mb	
PMS	75.36 331 eP	22 39.90 -0.6	
	1.1s 35.70nm	5.3mb	
LDF	75.45 42 eP	22 39.90 -1.3	
	1.3s 33.20nm	5.2mb	
DAG	75.68 12 iPd	22 44.60 2.6	
	1.3s 30.77nm	5.2mb	
LFF	75.75 46 eP	22 42.70 -0.3	
LPO	76.06 46 eP	22 45.20 0.5	
RJF	76.32 45 eP	22 46.50 0.3	
	1.2s 20.85nm	5.1mb	
CAF	76.69 46 eP	22 48.90 0.6	
	1.2s 19.65nm	5.1mb	
TCF	76.86 44 eP	22 48.60 -0.6	
	1.4s 17.00nm	4.9mb	
MAF	77.11 44 eP	22 49.90 -0.7	
BGF	77.31 44 eP	22 51.10 -0.6	
	1.1s 11.70nm	4.9mb	
AVF	77.67 44 eP	22 53.60 0.0	
SSF	77.79 44 eP	22 54.30 0.0	
	1.2s 14.00nm	4.9mb	
SMF	78.00 44 eP	22 55.80 0.3	
	1.2s 22.90nm	5.1mb	
IMA	78.02 336 eP	22 55.10 -0.2	
	1.3s 41.30nm	5.4mb	
LOR	78.04 43 eP	22 55.70 0.0	
	1.0s 9.00nm	4.8mb	
LBF	78.11 44 eP	22 56.00 -0.1	
DOU	78.62 40 P	23 03.80 5.0X	
HON	79.42 290 P	23 10.00 6.4X	
	Z 20s 0.71um	5.0Msz	
WLF	79.62 41 P	23 06.00 1.8	
BSF	80.03 43 eP	23 06.70 0.1	
	1.1s 8.05nm	4.6mb	
WTS	80.06 39 eP	23 09.00 2.5	
	0.9s 12.00nm	4.9mb	
NB2	82.43 29 P	23 20.40 1.6	
	1.1s 3.80nm	4.4mb	
CLL	83.94 39 eP	23 32.00 5.3X	
KHC	84.49 41 eP	23 30.50 0.9	
	1.0s 3.50nm	4.5mb	
	e	23 34.60 13km	
	e	23 40.50	
BRG	84.57 40 eP	23 32.00 2.1	
GEC2	84.59 42 P	23 32.10 1.9	
	0.8s 2.73nm	4.5mb	
PRU	85.03 40 eP	23 36.00 3.8X	
KSP	86.05 39 eP	23 37.70 0.4	
	e	23 56.20 66kmX	
ZST	86.91 42 e(P)	23 43.00 1.4	
BCAD	94.43 85 iPc	24 18.70 1.3	
	1.0s 8.00nm	5.1mb	
	id	27 35.00	
BJI	131.31 347 ePKP	30 12.00 2.4	
HHC	131.36 352 ePKP	30 13.00 3.1X	
BTO	131.80 353 ePKP	30 14.40 3.7X	
GTA	133.25 4 PKP	30 17.00 3.5X	
	Z 20s 0.46um	5.2Msz	
GYA	146.14 355 iPKPc	30 42.20 5.0X	
ASPA	146.67 238 ePKP	30 38.90 1.0	
GBA	146.74 51 PKP	30 40.00 1.8	
KMI	147.61 1 PKPd	30 45.00 5.3X	
KOD	148.70 56 ePKP	30 47.00 5.2X	
WARB	151.14 227 ePKP	30 49.50 4.7X	

S.D. = 1.2 on 125 of 147 obs.

OCT 18, 1992 20h 26m 30.95±0.40s
 6.707 N ± 5.8km 76.862 W ± 12.2km
 DEPTH = 10.0km (geophysicist)
 4.3mb (5 obs.)

NORTHERN COLOMBIA (99)

HOBC	2.45 163 eP	27 09.82 -1.9	
CLMC	2.82 174 eP	27 16.87 -0.2	
AZUC	3.08 166 eP	27 20.69 -0.3	
ANCC	3.17 180 ePd	27 21.58 -0.3	
HOQC	3.23 176 eP	27 22.37 -0.5	
SILC	4.03 173 eP	27 35.19 0.8	
PURC	4.38 173 eP	27 41.11 1.5	
ZOBO	24.43 159 P	31 52.10 0.4	
ALO	39.13 320 ePc	34 01.86 1.1	
	0.7s 1.95nm	3.9mb	
GLA	43.89 312 eP	34 40.62 1.0	
MSU	44.94 320 eP	34 48.07 -0.2	
DAU	45.51 323 ePc	34 51.36 -1.5	
PLM	45.55 311 eP	34 53.06 0.0	
GSC	46.40 314 eP	34 59.73 0.1	
BONR	48.73 316 eP	35 19.15 1.0	
YKA	62.13 341 eP	36 51.90 -2.4	
	0.8s 3.10nm	4.5mb	
LIC	71.32 86 P	37 53.80 0.4	
KIC	71.59 86 P	37 55.60 0.5	
DCN	72.51 36 eP	37 59.00 -0.8	
DMU	72.84 36 eP	38 00.90 -0.8	
WTS	80.86 38 eP	38 47.50 1.0	
	0.8s 9.00nm	4.8mb	
NB2	83.25 29 P	38 59.20 0.3	
	0.8s 1.50nm	4.2mb	
GEC2	85.37 42 P	39 09.50 -0.4	
	0.9s 1.77nm	4.3mb	
ASPA	145.98 237 ePKP	46 11.20 -1.5	
	0.7s 5.40nm		
GBA	147.47 52 PKP	46 18.00 2.8	

S.D. = 1.2 on 25 of 25 obs.

OCT 18, 1992 20h 43m 52.95±0.16s
 7.177 N ± 2.8km 76.502 W ± 3.1km
 DEPTH = 15.0km (8 depth phases)
 5.1mb (55 obs.)

NORTHERN COLOMBIA (99)

HOBC	2.83 173 ePc	44 37.18 -1.3	
CLMC	3.27 181 iPc	44 44.00 -0.9	
AZUC	3.48 174 iPc	44 47.82 -0.2	
ANCC	3.66 186 ePc	44 48.60 -1.6	
HOQC	3.69 182 iPc	44 49.44 -1.4	
SILC	4.46 178 iPc	45 02.48 0.5	
PURC	4.83 178 eP	45 08.12 0.9	
SDV	6.05 73 iPnc	45 24.80 0.6	
TOV	7.12 68 eP	45 37.20 -2.0	
MORO	8.88 65 eP	46 00.00 -2.9	
CAR	10.02 70 eP	46 16.00 -3.5X	
LLAV	10.12 70 ePc	46 18.90 -2.0	
CUM	12.62 74 eP	46 54.00 -0.7	
	iS	49 33.00	
SVB	16.18 67 eP	47 39.99 -1.4	
SVV	16.23 67 eP	47 41.18 -0.9	
PAG	16.96 57 eP	47 50.00 -1.4	
BPA	17.34 54 eP	47 56.24 0.1	
ARE	24.00 168 eP	49 12.00 3.6X	
ZOBO	24.74 160 P	49 16.00 0.0	
	e	56 32.00	
LPB	24.98 161 P	49 20.10 2.1	
	1.0s 120.00nm	5.5mb	
CNCB	25.28 161 iPc	57 07.00	
	i	49 22.50 1.5	
		56 06.00	
CCH	26.46 157 P	49 31.50 -0.2	
PRM	27.32 349 eP	49 39.07 0.0	
JSC	27.32 351 eP	49 39.72 0.6	
LHS	27.46 352 eP	49 40.19 -0.1	
CEH	28.68 356 P	50 00.00 8.7X	
	Z 22s 0.76um	4.3Msz	
GBTN	29.22 347 eP	49 56.84 0.6	
NAV	30.25 353 eP	50 04.74 -0.8	
OLY	31.36 336 eP	50 14.01 -1.2	
	eP	50 19.47 19km	
MIAR	31.46 332 eP	50 15.13 -0.9	
	0.8s 13.74nm	4.9mb	
	Z 21s 0.32um	4.0Msz	
UYO	31.56 331 iPd	50 16.70 -0.3	

ELC	32.13	341	eP	50	20.76	-1.2	TPNV	46.73	315	eP	52	24.40	0.9	WLF	79.82	41	P	56	03.00	0.8
			epP	50	26.22	19km		0.9s	19.91nm				5.2mb	HAU	79.93	43	eP	56	03.00	0.1
VVO	33.13	330	eP	50	30.00	-0.6	PTI	47.52	324	eP	52	29.32	-0.4		1.3s	20.20nm				5.0mb
			e	50	34.40	15km	ISA	47.72	313 (P)		52	30.56	-0.7	LRG	79.93	47	eP	56	03.60	0.7
FVM	33.16	340	ePc	50	30.20	-0.8		0.9s	12.71nm				5.0mb	LMR	80.04	47	eP	56	04.00	0.5
	0.8s	180.86nm				6.1mb	Z	19s	0.30um				4.3MsZ	FRF	80.14	47	eP	56	04.50	0.4
Z	18s	0.54um				4.3MsZ	ABL	47.92	311 (P)		52	32.04	-1.0	LPL	80.19	45	eP	56	05.60	1.0
		e	50	34.46	15km		TNP	47.95	316 eP		52	34.14	0.9		0.7s	4.50nm				4.6mb
RLO	33.46	332	ePd	50	32.40	-1.1		0.8s	23.25nm				5.3mb	LPG	80.20	45	eP	56	05.80	1.0
		e	50	36.20	13km		BCH	48.70	311 eP		52	38.54	-0.4		0.9s	9.15nm				4.8mb
LNO	33.61	331	iPd	50	34.20	-0.6	KVN	49.03	317 (P)		52	41.51	0.0	BSF	80.22	43	eP	56	04.40	-0.2
TUL	33.62	331	iPd	50	34.50	-0.4	PHAM	49.21	312 (P)		52	42.71	0.0		1.0s	14.60nm				4.9mb
	0.6s	53.00nm				5.6mb	LRM	49.42	327 ePc		52	44.30	-0.2	WTS	80.27	39	eP	56	05.50	1.0
Z	18s	0.24um				4.0MsZ	CMB	50.14	315 P		53	00.00	10.1X		0.9s	28.00nm				5.3mb
		LR	01	14.00			Z	22s	0.35um				4.3MsZ	CDF	80.55	42	eP	56	06.50	0.2
SIO	33.73	330	eP	50	34.80	-1.1	ORV	51.60	316 iPc		53	00.88	0.0		0.9s	11.80nm				4.9mb
TBR	33.88	3	eP	50	36.80	-0.3	SES	51.79	332 iPd		53	02.00	-0.2	ZLA	81.31	43	P	56	11.18	0.9
FNO	33.90	328	iPd	50	36.60	-0.8		1.1s	64.00nm				5.5mb	SLE	81.37	43	P	56	11.44	0.9
OCO	34.15	329	iPd	50	38.50	-1.0	LBFM	52.67	318 ePc		53	08.17	-1.0	TMA	81.67	44	P	56	13.77	1.4
MEO	34.18	327	iPd	50	38.10	-1.7	WDC	52.77	316 P		53	20.00	10.3X	LLS	81.74	44	P	56	14.55	1.9
HRV	35.45	6	P	51	00.00	9.4X	Z	19s	0.34um				4.4MsZ	VDL	82.07	44	P	56	15.94	1.5
	20s	0.56um				4.3MsZ	NEW	53.44	327 eP		53	13.50	-1.0	OSS	82.53	44	P	56	18.05	1.3
BAO	36.21	129	Pd	50	57.00	-0.5		1.2s	44.70nm				5.3mb	NB2	82.67	29	P	56	17.20	0.2
		e	51	00.80	13km		DPW	53.80	326 eP		53	16.54	-0.7		1.2s	14.80nm				5.0mb
		e	51	07.80			VGB	54.00	323 eP		53	18.75	0.1	GRF	83.11	41	eP	56	20.50	1.0
		e	51	10.80			LON	55.25	323 eP		53	26.94	-0.9	MOX	83.31	40	ePd	56	21.40	0.9
		e	59	23.00			BMW	55.96	323 (P)		53	31.99	-1.0	CLL	84.15	39	iPd	56	25.90	1.2
BDF	36.30	129	Pc	50	57.70	-0.5	YKA	61.81	341 P		54	11.60	-1.7	KHC	84.68	41	iPc	56	28.50	1.0
		e	51	01.90	14km			0.7s	24.00nm				5.5mb		1.2s	15.00nm				5.1mb
		e	51	04.00			ANTZ	66.10	62 iP		54	42.00	0.0		i					13km
		e	51	06.10				i			54	53.50	38kmX	BRG	84.77	40	iP	56	29.30	1.5
		e	51	08.90			TIC	70.89	85 P		55	11.64	-0.4		1.0s	16.00nm				5.2mb
		e	51	14.10			LIC	70.92	86 P		55	12.32	0.1	GEC2	84.79	42	P	56	29.10	1.0
		e	51	20.60			KIC	71.20	86 P		55	14.04	0.2		0.9s	7.20nm				4.9mb
		e	02	05.10				1.0s	46.00nm				5.5mb	PRU	85.23	40	Pc	56	31.50	1.3
		e	02	10.00			DCN	71.92	36 eP		55	17.00	-0.4		1.2s	9.20nm				4.9mb
		e	02	23.60				1.0s	58.00nm				5.6mb	KSP	86.26	39	eP	56	36.00	0.7
		e	02	28.90			DMU	72.25	36 eP		55	19.00	-0.4	ZST	87.10	42	iP	56	40.70	1.3
		e	02	36.30				1.0s	81.00nm				5.7mb		0.8s	14.40nm				5.3mb
		e	02	42.00			MBC	72.87	350 eP		55	21.50	-1.2	SRO	87.96	42	eP	56	42.20	-1.3
		e	02	49.00				1.0s	10.00nm				4.8mb	OJC	88.56	40	eP	56	48.50	2.1
		e	03	03.00			TOA	74.24	333 eP		55	30.30	-0.6	SPC	89.02	41	e(P)	56	51.20	2.4X
		e	03	18.00			EKA	74.67	35 Pd		55	33.60	0.1	NUR	89.26	29	eP	56	49.00	-0.5
		e	03	23.30				1.0s	10.40nm				4.8mb	BCAO	94.44	85	iPd	57	16.00	1.7
		e	03	35.10			LPF	74.98	42 eP		55	35.40	0.0		0.8s	9.00nm				5.2mb
		e	03	42.20				1.1s	19.80nm				5.1mb	HHC	131.64	352	ePKP	03	07.50	0.2
		e	03	51.00			GRR	75.14	42 eP		55	36.60	0.3	GTA	133.52	4	PKP	03	11.20	0.2
		e	03	58.00				0.9s	21.15nm				5.2mb	Z	18s	0.29um				5.0MsZ
ACTO	36.42	356	P	50	58.81	0.0	FLN	75.42	42 eP		55	38.30	0.4			sPKP	03	16.00		
WLVO	36.64	358	P	51	01.57	1.0		0.9s	20.00nm				5.2mb	GYA	146.42	355	PKP	03	35.20	0.7
RSNY	37.27	2	eP	51	06.43	0.6	MFF	75.45	44 eP		55	38.50	0.4	ASPA	146.54	237	ePKP	03	36.00	1.3
	0.8s	11.93nm				4.7mb		0.8s	20.55nm				5.2mb	GBA	146.90	51	PKP	03	38.00	2.6X
Z	21s	0.55um				4.3MsZ	EPF	75.52	48 eP		55	39.50	0.8	KMI	147.89	1	ePKP	03	40.00	3.0X
JFWS	37.60	343	ePd	51	07.54	-1.2		1.1s	29.30nm				5.2mb	KOD	148.84	57	ePKP	03	43.00	4.1X
	0.8s	69.58nm				5.5mb	LDF	75.64	42 eP		55	39.50	0.3	WARB	150.96	227	ePKP	03	46.50	5.0X
Z	20s	0.74um				4.5MsZ		1.0s	20.40nm				5.1mb		S.D. = 0.9	on 147	of 162	obs.		
PPD	38.11	140	eP	51	12.60	-0.6	LFF	75.94	46 eP		55	41.30	0.4							
ALQ	39.01	319	iPc	51	21.33	0.4	DAG	75.95	12 iPc		55	40.00	-0.4		OCT	18. 1992	21h	14m	34.72±0.85s	
	1.3s	65.00nm				5.2mb		0.8s	11.94nm				5.0mb		29.116 S ± 5.4km			71.939 W ± 9.9km		
Z	21s	0.39um				4.2MsZ	LPO	76.24	46 eP		55	43.00	0.3		DEPTH = 33.0km (normal)					
EEO	39.38	357	eP	51	27.00	3.4X		0.8s	12.65nm				5.0mb		NEAR COAST OF CENTRAL CHILE					(135)
LMN	39.83	13	ePd	51	31.20	3.8X	RJF	76.51	45 eP		55	44.30	0.1		MD 4.5 (SAN).					
MDZ	40.50	170	eP	51	36.10	3.1X		0.9s	14.40nm				5.0mb	RTCB	3.60	132	iPc	15	30.80	1.2
TUC	40.51	313	eP	51	33.67	0.5	CAF	76.58	44 eP		55	44.60	0.1	ZON	3.72	131	eP	15	37.00	5.8X
	1.0s	18.80nm				4.8mb		76.87	46 eP		55	46.60	0.3	RTLL	3.73	127	iPd	15	32.00	0.6
Z	20s	0.45um				4.3MsZ		1.0s	20.60nm				5.2mb		S					16 30.50
GOL	41.46	326	eP	51	41.63	0.5	TCF	77.05	44 eP		55	47.20	0.0	JACH	3.74	162	iPd	15	32.26	0.7
	1.0s	98.88nm				5.5mb	MAF	77.29	44 eP		55	48.70	0.2		iS					16 12.19
Z	21s	0.48um				4.3MsZ		0.9s	12.60nm				5.0mb	IHA	3.91	176	eP	15	33.50	-0.4
VAO	41.64	137	eP	51	41.40	-1.2	BGF	77.50	44 eP		55	49.80	0.1		e(S)					16 14.00
PDCR	42.00	118	eP	51	42.50	-3.0		0.8s	10.50nm				5.0mb	ROCH	3.92	169	iP+	15	34.14	-0.2
GLA	43.85	311	eP	52	00.91	0.5	AVF	77.86	44 eP		55	51.50	-0.1		iS					16 15.65
SRU	44.13	321	eP	52	02.76	0.0		1.0s	14.00nm				5.0mb	RTCV	4.01	134	iPc	15	36.30	0.8
		ePP	53	52.67			SSF	77.98	44 eP		55	52.20	-0.1	CFA	4.05	129	ePd	15	36.90	0.9
EMUT	44.73	322	eP	52	07.71	0.0		1.0s	16.60nm				5.1mb	PEL	4.16	165	iP	15	37.42	-0.1
MSU	44.82	320	iPc	52	09.02	0.6	SMF	78.19	44 eP		55	53.40	-0.1		iS					16 22.63
ARUT	45.24	318	eP	52	12.09	0.3		0.9s	21.45nm				5.2mb	LCCH	4.36	176	iPd	15	39.56	-0.8
DAU	45.36	322	eP	52	13.18	0.3	LOR	78.23	43 eP		55	53.50	-0.1		iS					16 24.49
PLM	45.51	311	eP	52	14.77	0.8		0.7s	7.70nm				4.9mb	FCH	4.43	162	iPd	15	42.30	0.6
BW06	45.87	326	eP	52	16.10	-0.6	IMA	7												

TACH	4.60	170	iP+	15	43.40	-0.4
			iS	16	31.97	
PCH	4.65	165	iP+	15	44.37	-0.2
			iS	16	34.70	
LNV	4.85	175	iPd	15	45.66	-1.5
RTPR	4.87	105	iPc	15	47.00	-0.5
			S	16	38.20	
CHCH	4.93	167	iPd	15	47.91	-0.5
			iS	16	39.30	
CYA	5.44	84	eP	15	55.00	-0.6
ANT	5.56	15	eP	15	57.00	-0.3
MRA	6.29	123	ePc	16	05.80	-1.7
TCA	6.73	111	iPd	16	11.50	-2.4
			S	17	20.00	
ZOBO	13.24	16	Pc	17	42.70	-0.9
PPD	19.88	74 (P)		19	14.00	7.8X
VAO	23.22	81 (P)		19	42.00	2.1
GBA	147.70	112 PKP		34	17.00	1.8

S.D. = 1.1 on 24 of 26 obs.

GSC	0.74	347	ePc	21	34.73	-0.8
PEC	0.83	214	iPc	21	36.07	-1.2
SSK	0.97	248	ePc	21	38.80	-1.2
			eS	21	51.41	
PLM	1.24	190	eP	21	43.70	-0.9
ISA	1.87	306	ePn	21	52.86	-1.2
			ePg	21	55.13	
GLA	2.13	135	ePn	21	56.56	-1.1
ABL	2.17	278	eP	21	57.92	-0.5
TPNV	2.38	7	ePn	22	03.90	2.4
BCH	2.92	283	(P)	22	11.39	2.3
MEMM	3.61	329	(P)	22	24.94	6.2
BONR	3.64	338	(Pn)	22	23.74	4.4

11 obs. associated

NORTHERN COLUMBIA				(99)	
TOV	7.06	69	iPd	24 20.20	1.3
			iS	25 43.80	
CEOS	8.25	77	eP	24 34.80	-0.7
MORO	8.81	66	eP	24 42.80	-0.6
ZOBO	24.86	161	eP	27 58.00	0.2
OLY	31.25	336	(P)	28 55.42	0.5
FVM	33.05	340	eP	29 10.91	0.2
	0.5s		15.76nm		5.2mb
YKA	61.69	341	eP	32 51.90	-1.3
	0.8s		1.70nm		4.3mb
LIC	70.90	86	P	33 52.40	-0.4
KIC	71.17	86	P	33 54.10	-0.4
GEC2	84.68	42	P	35 09.50	1.1
	0.9s		0.84nm		4.0mb
GBA	146.80	51	PKP	42 20.00	4.0X
S.D. = 0.9 on 10 of 11 obs.					

MME	0.46	87	P	44	51.20	-0.2
			eSg	44	58.10	
PII	0.56	143	P	44	54.00	0.7
			eSg	45	04.70	
PGF	1.80	206	Pn	45	12.50	-0.9
			Sn	45	35.80	
SBF	1.92	262	Pn	45	17.80	2.7
			Sn	45	37.90	
FRF	2.55	257	Pn	45	23.70	-0.3
			Sn	45	52.90	
LPG	2.70	301	Pn	45	30.30	3.7X
LMR	2.71	253	Pn	45	25.20	-1.1
			Sn	45	56.30	
LPL	2.72	301	Pn	45	31.90	5.1X
			Sn	46	01.70	
LRG	2.77	256	Pn	45	26.70	-0.6
			Sn	45	59.60	

ARE	24.29	168	eP	24	50.00	0.1
ZOBO	25.01	161	Pc	24	57.20	-0.1
			LR	34	14.00	
LPB	25.25	161	eP	25	02.00	2.7X
Z	16s					4.6MsZx
			1.35um			
			LR	34	42.00	
CNCB	25.55	161	P	25	03.00	0.7
NAV	29.97	353	(P)	25	38.99	-2.7X
OLY	31.10	336	(P)	25	52.11	0.5
UYO	31.32	331	iPd	25	54.30	0.7
ELC	31.86	341	(P)	25	58.71	0.4
FVM	32.90	339	eP	26	07.38	0.0
	0.6s					5.0mb
			11.72nm			
TBR	33.59	3	(P)	26	07.16	-6.2X
BAO	36.39	129	e(P)	26	36.00	-1.7
			e	27	01.30	
			e	27	02.00	
			e	27	06.80	
			e	27	09.20	
			e	27	14.80	
			e	28	15.00	

NORTHERN COLOMBIA				(99)	
HOBC	2.49	166	eP	20 31.73	-1.1
CLMC	2.89	176	eP	20 38.86	0.2
CLMC	2.89	176	eP	20 42.66	4.0X
AZUC	3.13	169	eP	20 57.59	15.3X
ANCC	3.25	182	eP	20 44.32	0.7
HOQC	3.30	178	ePd	20 44.34	-0.2
BOG	3.43	129	iPd	20 59.00	12.6X
			iS	21 42.00	
SILC	4.09	174	eP	20 57.59	1.7
PSO	5.59	186	eP	22 13.50	56.4X
LLAV	10.49	69	eP	22 23.10	-2.0
CUM	12.96	73	iP	23 01.00	2.5
			iS	25 29.00	
BPA	17.77	54	eP	24 02.00	1.3
NAV	30.61	354	eP	26 08.03	0.0
OLY	31.62	337	(P)	26 16.63	-0.2
MIAR	31.69	333	(P)	26 17.37	-0.1
ELC	32.41	341	eP	26 22.59	-1.2
FVM	33.44	340	eP	26 32.40	-0.3
	0.7 s		25.28 nm		5.3 mb

BDF	36.25	128	e(P)	26	56.00	-1.1
			e	27	03.80	
			e	27	11.10	
			e	27	13.10	
			e	27	25.10	
PPD	37.97	140	eP	27	11.50	0.1
ALQ	39.15	320	eP	27	21.57	0.2
	0.7s		5.79nm			4.4mb
MDZ	40.16	170	eP	27	38.80	9.2X
TUC	40.60	313	eP	27	33.88	0.6
	1.2s		7.89nm			4.3mb
GOL	41.65	326	eP	27	41.89	-0.1
	1.3s		7.76nm			4.3mb
PDCR	42.03	117	eP	27	42.90	-2.2
GLA	43.92	312	eP	28	01.49	1.1
SRU	44.28	322	eP	28	03.07	-0.3
EMUT	44.89	322	eP	28	08.39	0.0
MSU	44.96	320	eP	28	08.94	0.0
ARUT	45.37	318	eP	28	12.73	0.6
DAU	45.52	323	eP	28	13.97	0.5
PLM	45.58	311	eP	28	14.70	0.8
PEC	46.04	311	eP	28	18.16	0.8
	0.8s		3.30nm			4.4mb
BW06	46.05	326	eP	28	17.00	-0.5
	1.0s		5.00nm			4.5mb
DUG	46.34	321	eP	28	20.03	0.3
	0.6s		4.06nm			4.6mb
GSC	46.43	313	eP	28	20.52	0.1
PTI	47.70	325	eP	28	30.01	-0.4
BONR	48.75	316	eP	28	39.22	0.4
BCH	48.78	312	eP	28	38.20	-0.7
ORV	51.71	316	eP	29	01.26	0.2
LBFM	52.79	318	eP	29	09.26	-0.2
NEW	53.64	327	eP	29	14.00	-1.3
	0.9s		8.77nm			4.8mb
MCW	57.01	325	eP	29	37.15	-2.7
TIC	71.17	85	P	31	12.60	-0.5
LIC	71.20	86	P	31	12.88	-0.4
	1.2s		49.50nm			5.5mb
KIC	71.47	86	P	31	14.62	-0.3
	1.0s		38.00nm			5.4mb
DCN	72.37	36	eP	31	20.10	0.6
DMU	72.71	36	eP	31	22.00	0.5
GRR	75.59	42	eP	31	38.20	-0.1
	1.3s		43.30nm			5.4mb
MFF	75.89	44	eP	31	40.30	0.2
	1.2s		26.20nm			5.2mb
EPF	75.96	47	eP	31	41.20	0.6
	1.4s		40.10nm			5.3mb
LFF	76.38	46	eP	31	43.00	0.2
	1.6s		47.90nm			5.3mb
LPO	76.68	46	eP	31	44.50	0.0
	1.3s		22.40nm			5.1mb
LSF	77.02	44	eP	31	46.60	0.2
CAF	77.32	46	eP	31	48.30	0.2
	1.3s		22.00nm			5.1mb
TCF	77.50	44	eP	31	48.90	-0.2
	1.4s		24.40nm			5.1mb
MAF	77.74	44	eP	31	50.40	0.0
	1.2s		14.30nm			4.9mb
BGF	77.95	44	eP	31	51.50	0.0
AVF	78.31	44	eP	31	53.30	-0.2
	1.4s		15.70nm			4.9mb
SSF	78.43	43	eP	31	53.80	-0.3
	1.3s		15.90nm			4.9mb
SMF	78.64	44	eP	31	55.10	-0.2
	1.2s		16.65nm			5.0mb
LOR	78.68	43	eP	31	55.40	-0.1
	0.8s		5.50nm			4.7mb
LBF	78.75	44	eP	31	55.40	-0.5
	1.2s		13.40nm			4.9mb
DOU	79.27	40	P	32	04.30	5.6X
WLF	80.27	41	P	32	13.00	9

ASPA 146.12 237 ePKP 39 33.00 -0.4
MTN 151.90 255 ePKP 39 49.00 6.5X
S.D. = 0.9 on 64 of 75 obs.

? OCT 18, 1992 22h 21m 19.77±2.03s
37.863 S ±15.2km 176.137 E ±10.9km
DEPTH = 208.7 ± 16.2 km
NORTH ISLAND, NEW ZEALAND (159)

TAZ	0.47	142	eP	21	47.80	0.0
PATZ	0.53	170	P	21	48.70	0.5
URZ	0.86	118	Pc	21	48.90	-0.9
			S	22	06.60	
WHH	1.06	165	P	21	50.80	-0.4
PAHZ	1.23	144	P	21	52.10	-0.3
MOH	1.50	148	P	21	54.60	0.1
NOZ	1.68	117	P	21	56.10	0.0
HBZ	1.74	82	eP	21	56.90	0.3
THH	1.76	162	P	21	57.50	0.6
WAHZ	1.84	175	P	21	58.00	0.3
MAHZ	1.90	135	Pd	21	58.50	0.2
PGZ	2.75	178	P	22	07.30	-0.1
KIW	3.14	197	eP	22	11.90	-0.1
MTW	3.33	188	P	22	13.70	-0.5
CAW	3.35	194	eP	22	14.40	0.0
DIW	3.40	210	eP	22	15.40	0.4
MRW	3.54	198	eP	22	16.60	-0.1
			S	22	56.70	
ICW	3.64	203	P	22	18.10	0.2
KHZ	4.97	203	eP	22	34.20	-0.3
			S.D.	0.4	on 19 of 19 obs.	

* OCT 18, 1992 22h 32m 47.65±0.50s
7.490 N ±13.5km 76.409 W ±16.0km
DEPTH = 10.0km (geophysicist)
4.6mb (8 obs.)
NORTHERN COLOMBIA (99)

ZOBO	25.01	161	P	38	24.70	10.7X
	1.1s				16.82nm	
LPB	25.25	161	P	38	17.00	1.0
CNCB	25.54	161	P	38	19.60	0.6
OLY	31.11	336	(P)	39	07.72	-0.8
FVM	32.91	339	eP	39	27.22	3.0
	0.7s				9.96nm	4.9mb
PPD	38.29	141	(P)	40	08.00	-2.3
ALQ	38.83	319	eP	40	14.36	-0.6
	1.1s				11.96nm	4.5mb
GOL	41.26	325	eP	40	34.91	-0.1
	0.8s				9.46nm	4.6mb
GLA	43.72	311	eP	40	55.95	1.1
SRU	43.94	321	eP	40	56.08	-0.7
MSU	44.64	319	eP	41	03.32	0.8
BW06	45.66	326	eP	41	10.39	-0.2
	1.0s				6.67nm	4.6mb
GSC	46.20	313	(P)	41	13.96	-0.8
LRM	49.21	327	eP	41	39.00	0.6
NEW	53.23	327	eP	42	09.00	0.4
	1.2s				9.85nm	4.6mb
DPW	53.59	326	eP	42	09.91	-1.3
YKA	61.54	341	eP	43	04.20	-2.8
	0.6s				4.60nm	4.8mb
TIC	70.78	86	P	44	06.90	0.0
LIC	70.81	86	P	44	07.00	-0.1
KIC	71.08	86	P	44	08.90	0.2
MBC	72.58	350	eP	44	17.00	0.5
SVW	78.27	331	(P)	44	49.17	0.0
	1.0s				10.25nm	4.9mb
GEC2	84.49	42	P	45	22.60	0.4
	1.0s				1.30nm	4.1mb
			e	45	28.00	
			e	45	36.20	
GBA	146.63	51	PKP	52	32.00	1.5
ASPA	146.78	238	ePKP	52	30.50	-0.2
			S.D.	1.2	on 24 of 25 obs.	

* OCT 18, 1992 23h 18m 04.13±1.55s
37.183 N ±22.0km 31.789 E ±17.2km
DEPTH = 33.0km (normol)
TURKEY (366)
ML 3.1 (CSS).

BCK	1.00	287	iPn	18	23.40	1.5
			eSg	18	36.40	
ELL	1.57	254	iPn	18	29.70	-0.4
KHL	2.13	303	iPn	18	37.00	-1.1
PPCY	2.34	169	eP	18	40.40	-0.6

CSS	2.54	150	eP	19	02.60	
			eS	19	13.40	2.5
BURJ	5.93	145	P	19	31.60	-0.5
JARJ	6.00	144	P	19	34.10	1.0
SALJ	6.08	147	P	19	33.30	-0.8
KFNJ	6.20	148	P	19	35.30	-0.5
MASJ	6.33	148	P	19	36.60	-1.1
KOT	7.23	180	ePn	19	44.00	-6.2X
			S.D.	1.4	on 10 of 11 obs.	

* OCT 19, 1992 01h 50m 29.68±1.00s
4.716 S ±16.7km 149.844 E ± 8.3km
DEPTH = 33.0km (normol)
4.6mb (1 obs.)
BISMARCK SEA (203)

RAB	2.37	77	eP	51	07.00	-0.1
LAT	3.43	235	eP	51	22.40	0.3
MDG	4.08	262	eP	51	31.50	0.1
PMG	5.37	210	eP	51	49.50	-0.1
			eS	52	50.00	
DZM	23.58	139	iPd	55	38.90	0.4
ASPA	24.32	218	iPd	55	45.00	-0.6
	0.5s				9.90nm	4.6mb
			S.D.	0.5	on 6 of 6 obs.	

OCT 19, 1992 02h 06m 44.50±0.29s
7.318 N ± 4.4km 76.477 W ± 5.8km
DEPTH = 10.0km (geophysicist)
4.6mb (15 obs.)
NORTHERN COLOMBIA (99)

HOBC	2.96	173	ePc	07	31.67	-0.9
CLMC	3.42	181	ePd	07	38.40	-0.7
BOG	3.59	138	iPd	07	54.00	12.2X
AZUC	3.62	175	iPd	07	42.07	-0.1
ANCC	3.80	186	eP	07	44.19	-0.2
HOOC	3.83	182	iPd	07	43.77	-1.3
SILC	4.60	178	eP	07	56.87	0.7
PURC	4.96	179	eP	08	04.66	3.3X
PSO	6.14	188	eP	09	21.50	63.6X
MORO	8.80	66	iPd	08	54.90	0.1
LLAV	10.05	71	P	09	11.20	-1.0
GUAN	11.02	75	iPc	09	22.80	-2.7
CUM	12.55	75	iP	09	58.00	11.9X
			iS	12	35.00	
TRN	15.25	76	eP	10	22.00	0.4
BPA	17.24	55	eP	10	50.00	2.9
ARE	24.14	168	eP	12	09.00	7.0X
ZOBO	24.87	161	iPc	12	11.20	1.7
	1.2s				20.27nm	4.7mb
			i	19	39.00	
LPB	25.11	161	Pc	12	24.60	13.1X
			e	19	51.00	
CCH	26.58	157	P	12	26.40	1.2
OLY	31.24	336	eP	13	05.97	-0.6
VVO	33.02	330	eP	13	21.90	-0.2
FVM	33.04	340	eP	13	21.71	-0.5
	0.8s				23.03nm	5.2mb
RLO	33.35	332	e(P)	13	23.80	-1.1
LNO	33.50	331	eP	13	25.40	-0.8
TUL	33.50	331	eP	13	25.20	-1.1
	0.7s				8.60nm	4.8mb
BAO	36.28	129	Pc	13	49.30	-1.1
			e	13	53.00	
			e	14	01.00	
			e	14	04.40	
			e	14	07.00	
			e	14	19.00	
			e	14	22.80	
			e	14	25.00	
			e	14	54.00	
BDF	36.37	129	e(P)	13	51.00	-0.1
			e	13	56.20	
			e	13	58.10	
			e	14	02.50	
			e	14	06.50	
			e	14	09.10	
JFWS	37.47	343	(P)	14	00.15	0.2
	0.7s				8.59nm	4.6mb
PPD	38.20	140	eP	14	10.80	4.4X
ALQ	38.92	319	eP	14	12.04	-0.5
	1.0s				7.65nm	4.3mb
TUC	40.43	313	eP	14	25.20	0.3
	0.8s				2.32nm	3.9mb
MDZ	40.63	170	eP	14	32.10	5.6X

GOL	41.36	326	eP	14	32.68	0.0
	1.0s				17.74nm	4.7mb
VAO	41.73	137	(P)	14	35.00	-0.6
PV10	42.66	321	eP	14	44.59	1.2
JFO	43.48	132	eP	14	45.50	-4.4X
SRU	44.03	321	eP	14	54.23	-0.2
MSU	44.73	319	eP	15	00.26	0.2
ARUT	45.16	318	eP	15	03.79	0.3
DAU	45.27	322	eP	15	04.90	0.4
BW06	45.76	326	eP	15	08.00	-0.3
	1.2s				9.82nm	4.7mb
HHA1	47.69	325	(P)	15	22.68	-0.7
TNP	47.87	316	eP	15	26.00	1.0
	1.0s				3.00nm	4.3mb
LRM	49.32	327	eP	15	35.00	-1.1
SES	51.68	332	eP	15	57.00	3.2X
DPW	53.70	326	eP	16	07.93	-0.9
YKA	61.68	341	eP	17	02.40	-2.4
	0.7s				4.50nm	4.7mb
TIC	70.86	86	P	18	04.60	0.4
LIC	70.89	86	P	18	04.20	-0.2
KIC	71.16	86	P	18	06.00	-0.1
MBC	72.73	350	eP	18	13.50	-0.8
	1.0s				3.00nm	4.3mb
FBA	75.52	335	eP	18	33.70	3.1
	1.5s				17.57nm	4.9mb
IMA	78.16	336	(P)	18	46.54	1.0
	1.4s				8.57nm	4.6mb
KHC	84.56	41	eP	19	20.00	0.7
	1.4s				7.00nm	4.7mb
			e	19	27.50	
GEC2	84.67	42	P	19	20.40	0.5
	0.9s				0.97nm	4.0mb
ASPA	146.63	237	iPKPc	26	29.30	2.0
	0.9s				14.70nm	
GBA	146.79	51	PKP	26	29.30	1.7
			S.D.	1.2	on 47 of 57 obs.	

? OCT 19, 1992 02h 16m 05.86±0.88s
7.081 N ±27.8km 76.110 W ±29.5km
DEPTH = 10.0km (geophysicist)
4.4mb (7 obs.)
NORTHERN COLOMBIA (99)

OLY	31.61	336	(P)	22	32.92	1.8
FVM	33.39	339	eP	22	47.17	0.5
	1.0s				19.14nm	5.0mb
BAO	35.85	129	e(P)	23	13.00	4.9X
			e	24	13.00	
			e	24	17.20	
			e	24	32.00	
			e	25	45.20	
			e	25	54.00	
			e	26	19.00	
			e	26	29.00	
			e	26	45.90	
			e	26	54.00	
			e	27	12.00	
			e	27	16.10	
			e	27	20.50	
			e	28	10.50	
PPD	37.79	141	eP	23	29.70	5.5X
ALQ	39.34	319	eP	23	36.23	-1.1
	1.1s				10.19nm	4.4mb
TUC	40.86	313	(P)	23	49.97	0.2
	0.8s				1.76nm	3.8mb
GOL	41.76	326	eP	23	56.42	-0.9
	0.9s				11.07nm	4.6mb
JFO	43.05	132	(P)	24	08.00	0.2
PV10	43.08	321	eP	24	09.39	1.3
GLA	44.21	311	(P)	24	17.81	0.7
SRU	44.					

19d 02h

* OCT 19, 1992 02h 17m 09.11±0.68s
7.420 N ±15.0km 76.456 W ± 8.8km
DEPTH = 10.0km (geophysicist)
4.5mb (5 obs.)

NORTHERN COLOMBIA (99)

TRN	15.21	77 eP	20 47.00	1.3
BPA	17.16	55 eP	21 11.50	0.7
FVM	32.95	339 eP	23 45.26	-0.8
	0.5s	18.91nm		5.3mb
BDF	36.41	129 e(P)	24 21.00	4.8X

		e	25 04.50	
		e	26 14.50	
		e	26 32.00	
		e	26 45.10	
		e	26 49.50	
		e	26 57.80	
		e	27 18.00	
		e	27 21.90	
		e	27 35.00	

ALQ	38.86	319 eP	24 36.26	-0.3
	0.8s	2.88nm		4.0mb

GOL	41.29	326 eP	24 56.82	0.1
	1.0s	5.78nm		4.3mb

VAO	41.79	137 (P)	25 01.00	0.3
PV10	42.60	321 eP	25 09.19	1.7

GLA	43.73	311 eP	25 16.24	-0.2
MSU	44.66	319 eP	25 24.35	0.1

ARUT	45.10	318 eP	25 26.93	-0.7
DAU	45.20	322 eP	25 28.94	0.4

BW06	45.69	326 eP	25 31.50	-0.8
	1.3s	6.28nm		4.4mb

BONR	48.50	315 eP	25 54.68	0.1
YKA	61.59	341 eP	27 25.50	-3.3X

	0.6s	3.30nm		4.7mb
TIC	70.83	86 P	28 27.30	-1.4

LIC	70.86	86 P	28 27.50	-1.4
KIC	71.13	86 P	28 29.40	-1.1

GEC2	84.58	42 P	29 44.00	-0.1
ASPA	146.70	238 ePKP	36 54.00	2.0

	1.6s	6.80nm		
--	------	--------	--	--

S.D. = 1.0 on 18 of 20 obs.

& OCT 19, 1992 02h 33m 37.74s
38.817 N 122.809 W
DEPTH = 1.1km

NORTHERN CALIFORNIA (36)

<GM-P>. MD 2.8 (GM).

NTYM	0.44	165 eP	33 46.87	0.3
ORV	1.26	54 eP	34 00.31	-1.6

ARN	1.78	145 eP	34 08.58	-1.3
CMB	2.06	112 eP	34 12.35	-1.6

LBFM	2.62	15 (P)	34 25.25	3.1
MEMM	3.26	109 (P)	34 31.11	0.2

BONR	3.64	102 (P)	34 38.88	2.1
KVN	3.68	85 (P)	34 36.15	-1.0

	8 obs.	associated		
--	--------	------------	--	--

OCT 19, 1992 02h 35m 35.71±0.45s
7.346 N ± 4.7km 76.460 W ±10.5km
DEPTH = 10.0km (geophysicist)

4.5mb (5 obs.)

NORTHERN COLOMBIA (99)

HOBC	2.99	174 eP	36 23.07	-1.1
CLMC	3.44	182 ePc	36 30.04	-0.6

BOG	3.60	138 eP	36 48.00	14.9X
		eS	37 37.00	

AZUC	3.64	175 eP	36 33.92	0.1
ANCC	3.83	186 eP	36 34.37	-1.7

HOOC	3.86	183 eP	36 35.34	-1.3
SILC	4.63	179 eP	36 48.03	0.3

PURC	4.99	179 eP	36 54.82	1.9
MORO	8.77	66 eP	37 46.20	0.5

PCJ	10.36	356 iPd	38 09.36	1.9
YHJ	10.48	360 iPd	38 10.18	1.0

STH	10.67	358 iPd	38 11.06	-0.7
GUAN	11.00	76 eP	38 14.10	-2.3

ZOBO	24.89	161 P	41 03.00	2.1
LPB	25.13	161 eP	41 04.00	1.0

CCH	26.60	158 (P)	41 18.00	1.4
FVM	33.02	340 eP	42 12.79	-0.5

	0.7s	14.56nm		5.0mb
ALQ	38.91	319 eP	43 04.00	0.4

	0.9s	3.49nm		4.0mb
GOL	41.35	326 eP	43 24.18	0.4

LRM	49.31	327 eP	44 27.00	-0.2
YKA	61.66	341 eP	45 53.30	-2.6

	0.5s	2.20nm		4.6mb
LIC	70.87	86 P	46 55.40	-0.1

KIC	71.14	86 P	46 57.10	-0.1
MBC	72.71	350 eP	47 04.50	-0.9

GEC2	84.63	42 P	48 11.90	0.9
	1.0s	2.49nm		4.4mb

GEC2	84.63	42 P	48 18.10	7.1X
G8A	146.76	51 PKP	55 21.00	2.2X

	S.D. = 1.3	on 24 of 27 obs.		
--	------------	------------------	--	--

% OCT 19, 1992 02h 47m 23.60±2.39s
61.791 N ±12.5km 4.400 E ±18.1km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)

MD 2.4 (BER).

FOO	0.36	122 iPc	47 31.49	0.4
		eS	47 35.80	

SUE	0.76	167 eP	47 38.18	-0.2
		eS	47 48.58	

HYA	1.06	125 eP	47 44.32	0.7
		eS	47 57.63	

BER	1.48	162 eP	47 50.44	0.1
		eS	48 09.95	

EGD	1.58	165 eP	47 51.65	0.0
		eS	48 12.72	

MOL	1.67	61 iPc	47 53.67	0.7
		eS	48 15.99	

NRA0	3.61	104 Pn	48 18.82	-1.9
		Pg	48 25.89	

		Sn	48 58.59	
		Lg	49 14.97	

	S.D. = 1.1	on 7 of 7 obs.		
--	------------	----------------	--	--

OCT 19, 1992 02h 47m 27.90±0.37s
7.293 N ± 7.6km 76.588 W ± 6.2km
DEPTH = 10.0km (geophysicist)

4.8mb (21 obs.)

NORTHERN COLOMBIA (99)

SDV	6.10	75 ePn	49 01.30	0.7
TOV	7.16	69 eP	49 16.00	0.6

		eS	50 36.90	
STH	10.72	359 iPd	50 00.79	-3.9X

TRN	15.36	76 eP	51 03.00	-3.5X
BPA	17.34	55 eP	51 32.00	0.2

ARE	24.14	168 eP	52 53.00	7.6X
ZOBO	24.88	160 iPd	52 54.90	1.9

	1.1s	37.70nm		5.0mb
		i	00 07.20	

LPB	25.12	161 P	52 58.20	3.1X
		e	00 13.00	

CCH	26.60	157 eP	53 08.00	-0.8
OLY	31.22	336 eP	53 49.13	-0.6

FVM	33.03	340 eP	54 05.23	-0.3
	0.8s	20.04nm		5.1mb

TUL	33.47	331 e(P)	54 08.10	-1.3
	1.3s	25.30nm		5.0mb

BAO	36.35	129 e(P)	54 32.00	-2.4
		e	54 39.90	

		e	54 43.00	
		e	54 45.00	

		e	54 50.10	
BDF	36.44	129 Pd	54 35.00	-0.1

		e	54 41.00	
		e	54 43.50	

		e	54 48.90	
PPD	38.25	140 eP	54 49.00	-1.2

ALQ	38.87	319 ePc	54 55.59	0.1
	1.0s	17.53nm		4.7mb

TUC	40.37	313 eP	55 08.01	0.2
	1.0s	4.24nm		4.1mb

GOL	41.32	326 eP	55 15.90	0.2
	1.0s	19.81nm		4.8mb

PV10	42.61	321 eP	55 27.50	1.1
JFO	43.54	132 (P)	55 29.00	-4.9X

MSU	44.68	320 eP	55 43.56	0.5
ARUT	45.10	318 eP	55 47.43	1.0

DAU	45.22	322 eP	55 47.88	0.4
8W06	45.72	326 ePc	55 50.79	-0.6

	1.1s	9.92nm		4.7mb
DUG	46.05	321 eP	55 54.27	0.4

	0.9s	5.31nm		4.5mb
PTI	47.38	324 eP	56 03.61	-0.8

HHA1	47.65	325 eP	56 07.04	0.6
TNP	47.81	316 eP	56 09.80	1.9

	1.0s	3.75nm		4.4mb
MEMM	48.81	315 (P)	56 19.64	4.3X

LBFM	52.53	318 eP	56 43.02	-0.9
NEW	53.30	327 eP	56 48.00	-1.3

	1.3s	18.87nm		4.9mb
DPW	53.66	326 eP	56 50.53	-1.4

YKA	61.67	341 eP	57 45.70	-2.5
	0.5s	2.20nm		4.6mb

LIC	71.00	86 P	58 48.00	-0.5
KIC	71.27	86 P	58 49.20	-0.9

MBC	72.74	350 eP	58 58.00	0.3
LPF	74.95	42 eP	59 11.30	0.3

	1.2s	14.30nm		4.9mb
GRR	75.11	42 eP	59 12.00	0.0

	1.2s	29.15nm		5.2mb
MFF	75.42	44 eP	59 14.00	0.2

	1.0s	11.60nm		4.9mb
LPO	76.22	46 eP	59 19.40	1.0

	0.8s	4.55nm		4.6mb
CAF	76.86	46 eP	59 22.10	0.1

	1.0s	10.00nm		4.9mb
SSF	77.95	44 eP	59 27.70	-0.2

	1.1s	7.35nm		4.7mb
SMF	78.17	44 eP	59 29.10	0.0

	1.1s	11.00nm		4.8mb
LOR	78.20	43 eP	59 29.00	-0.3

	1.0s	6.80nm		4.7mb
NB2	82.61	29 P	59 52.30	-0.2

	0.9s	3.10nm		4.5mb
GEC2	84.76	42 P	00 04.00	0.2

HJH	11.03	1	ePd	01 33.04	0.0		0.8s	8.81nm	4.8mb	WLF	80.19	41 P	11 06.00	1.9	
			S	03 35.93		ULM	46.21 343	eP	07 19.50	0.6	HAU	80.30	43 eP	11 06.00	1.2
GWJ	11.21	359	ePd	01 33.84	-1.8	DUG	46.41 321	eP	07 20.97	0.2		1.6s	29.25nm		5.0mb
STH	11.22	359	ePd	01 33.40	-2.2		0.8s	12.42nm	5.0mb	LPL	80.55	45 eP	11 08.40	1.9	
			S	03 37.20		GSC	46.51 313	eP	07 22.42	0.8		1.2s	14.00nm		4.8mb
GUAN	11.31	73	eP	01 30.50	-6.5X	TPNV	46.91 316	eP	07 26.07	1.2	LPG	80.56	45 eP	11 08.70	2.1
CUM	12.85	73	iP	01 54.00	-3.6X		0.7s	9.56nm	5.0mb		1.2s	14.00nm		4.8mb	
			iS	04 38.00		PTI	47.76 325	P	07 31.43	-0.1	BSF	80.59	43 eP	11 07.30	0.8
TRN	15.53	75	eP	02 29.00	-3.8X	ISA	47.88 313	eP	07 32.69	0.2		1.1s	18.30nm		5.0mb
NEV	17.16	52	eP	02 53.09	-0.5		0.7s	6.34nm	4.8mb	WTS	80.65	39 eP	11 08.00	1.5	
MGH	17.21	54	eP	02 54.74	0.5	Z	21s	0.26um	4.2Msz		0.8s	31.00nm		5.4mb	
PAG	17.28	57	eP	02 40.00	-15.2X	HHA1	48.03 325	eP	07 33.47	-0.1	CDF	80.92	42 eP	11 09.30	1.1
BPA	17.67	53	eP	02 57.80	-2.3	TNP	48.14 316	eP	07 34.32	-0.3		1.5s	27.70nm		5.1mb
CPB	18.03	52	eP	02 57.75	-6.7X		0.7s	14.10nm	5.2mb	NB2	83.06	29 P	11 18.60	-0.4	
QXX	22.13	299	(P)	03 54.00	4.1X	BONR	48.82 316	ePd	07 40.89	0.9		1.2s	10.80nm		4.9mb
ARE	23.66	168	eP	04 08.00	3.0X	BCH	48.86 312	eP	07 40.56	0.5	GRF	83.48	41 ePc	11 23.40	2.0
ZOBO	24.43	160	P	04 12.00	-0.8	MEMM	49.13 315	eP	07 43.68	1.8	Z	27s	0.10um		4.1MszX
	1.0s	32.50nm		4.9mb		LRM	49.67 328	eP	07 45.70	-0.7	MOX	83.69	40 eP	11 24.60	2.2X
Z	19s	0.54um		4.1Msz		CMB	50.32 315	P	08 00.00	8.9X	CLL	84.52	39 iP	11 28.70	2.1
		LR	12 12.00				Z	21s	0.06um	3.6Msz		1.2s	14.00nm		5.1mb
LPB	24.67	160	P	04 15.00	0.1	ORV	51.78 316	eP	08 01.91	-0.3	KHC	85.06	41 eP	11 29.50	0.2
	1.1s	88.61nm		5.3mb		SES	52.07 333	ePc	08 03.00	-1.3		1.2s	11.50nm		5.0mb
GCH	26.16	157	P	04 27.50	-1.4	LBFM	52.87 318	eP	08 09.55	-1.1				11 31.40	
PRM	27.67	350	(P)	04 41.40	-0.8	NEW	53.69 327	eP	08 15.00	-1.3	BRG	85.15	39 iP	11 31.20	1.5
JSC	27.68	352	eP	04 42.46	0.2		1.0s	17.50nm	5.0mb		0.9s	20.00nm		5.3mb	
CEH	29.05	356	P	05 00.00	5.5X	DPW	54.05 327	eP	08 17.83	-1.1	GEC2	85.16	42 P	11 29.00	-0.9
	Z	19s	0.16um	3.7Msz		VGB	54.22 323	eP	08 20.03	-0.2		0.9s	8.70nm		5.0mb
NAV	30.62	353	eP	05 09.87	1.2	LON	55.48 324	eP	08 28.49	-1.0	PRU	85.61	40 P	11 34.10	2.1
OLY	31.66	337	eP	05 16.81	-0.9	MCW	57.07 325	eP	08 38.30	-2.6	UPP	86.32	30 iP	11 44.30	9.0X
MIAR	31.74	333	eP	05 16.99	-1.4	YKA	62.12 341	eP	09 12.60	-2.8	KSP	86.63			

			iSn	06 42.80		e	12 32.20		ARN	50.49 313 eP	13 03.80	0.6
TOV	7.03	70	ePc	05 47.90 -0.5		e	22 30.00		ORV	51.41 316 eP	13 09.63	-0.5
			iPP	05 49.60		e	22 53.10		SES	51.56 332 eP	13 10.00	-1.1
MORO	8.77	67	eP	06 12.20 -0.6		e	23 11.90		NTYM	51.73 314 eP	13 12.66	0.2
CAR	9.94	71	eP	06 28.00 -0.9		e	23 33.60		LBFM	52.48 317 eP	13 16.90	-1.5
LLAV	10.04	72	eP	06 27.50 -2.8		e	23 37.00		WDC	52.58 316 P	13 30.00	11.1X
PCJ	10.26	356	iPd	06 33.72 0.5		e	23 50.30		Z	21s 0.29um		4.3MsZ
			S	08 23.93	WLVO	36.38 358 P	11 09.65 0.6	FCC	52.95 349 eP	13 25.50	4.1X	
YHJ	10.39	0	iPd	06 33.62 -1.4	BDF	36.46 129 Pd	11 09.60 -0.6	NEW	53.22 327 ePc	13 22.29	-1.3	
			S	08 23.69		e	11 14.00 15km			1.2s 26.52nm		5.1mb
GWJ	10.57	359	iPd	06 35.88 -1.7		e	11 20.00		DPW	53.58 326 eP	13 24.77	-1.5
			S	08 31.61		e	11 24.00		VGB	53.79 323 eP	13 26.92	-0.9
STH	10.58	358	iPd	06 35.83 -1.8		e	11 34.10		LON	55.04 323 eP	13 36.36	-0.7
			S	08 26.62		e	11 50.00		RMW	55.40 324 eP	13 38.09	-1.6
GUAN	11.02	76	eP	06 39.80 -3.9X		e	21 17.10		GMW	56.02 324 eP	13 42.82	-1.2
CUM	12.55	75	iP	07 12.00 7.7X		e	21 46.00		MCW	56.62 325 eP	13 45.00	-3.4X
			iS	09 54.00		e	22 50.50		PGC	56.96 325 eP	13 50.50	-0.2
TBH	15.55	78	eP	07 45.56 1.8		e	23 04.80		YKA	61.56 341 eP	14 20.10	-2.2
TPR	15.96	75	eP	07 59.20 10.1X		e	23 27.10			0.8s 23.90nm		5.4mb
SVB	16.08	68	eP	07 55.59 4.9X		e	23 40.60		ANTZ	65.98 62 iPd	14 53.00	1.1
SVV	16.13	68	eP	07 57.08 5.8X		e	24 08.50			i	15 10.00	63kmX
NEV	16.67	53	eP	08 03.26 5.1X		e	24 27.00		EZAM	68.62 48 iPd	15 08.00	0.5
MGH	16.73	55	eP	08 02.48 3.5X		e	24 36.10		STS	68.85 47 eP	15 09.60	-0.1
PAG	16.83	58	eP	08 00.00 -0.2		e	24 48.60		ERUA	69.80 48 eP	15 15.70	0.2
BPA	17.19	55	eP	08 05.47 0.7		e	25 03.10		EMON	69.82 47 eP	15 15.60	-0.1
CPB	17.54	53	eP	08 08.00 -1.1		e	25 37.00		EPLA	70.28 50 iPd	15 18.70	0.1
OXX	21.94	298 (P)		09 00.50 1.8		e	25 48.10		EPRU	70.61 54 eP	15 20.80	0.2
ARE	24.26	168	eP	09 25.00 3.5X		e	26 31.90		EHOR	70.68 53 eP	15 21.30	0.3
ZOBO	24.99	161 P		09 28.30 -0.6		e	26 43.10		TIC	70.88 86 P	15 22.00	-0.6
	1.2s	138.51nm		5.5mb	RSNY	37.01 2 eP	11 16.47 2.1			1.0s 18.00nm		5.2mb
Z	20s	2.19um		4.7MsZ				LIC	70.91 86 Pc	15 22.38	-0.4	
		S	13 36.00		Z	1.2s 49.23nm	5.2mb	KIC	0.9s 30.00nm	15 24.08	-0.4	
		LR	18 52.00		JFWS	37.35 343 eP	11 16.98 -0.3		0.9s 28.50nm	15 26.60	-0.3	
UNM	24.99	300 (P)	09 33.50 4.9X			0.7s 26.66nm	5.1mb	DCN	71.71 36 eP	15 26.60	-0.3	
LPB	25.23	161 iPc	09 31.90 0.9		Z	19s 1.14um	4.7MsZ		0.8s 55.00nm	15 28.50	0.6	
	1.0s	156.00nm	5.7mb		PPD							

19d 05h

BGF	1.0s	19.00nm	5.1mb		MD 2.5 (THE).		PEC	45.83	311 (P)	15	47.72	0.2
	77.32	44 iPc	15 59.50	0.2				1.2s	7.48nm			4.5mb
AVF	1.5s	58.50nm	5.5mb		THE	0.10 334 ePgc	55 28.58	0.4	DUG	46.01 321 iPc	15 48.29	-0.6
	77.68	44 iPc	16 01.20	-0.1		eSg	55 30.66			0.8s	3.27nm	4.4mb
SSF	1.6s	42.90nm	5.3mb		SOH	0.38 42 iPgc	55 33.42	0.2	PTI	47.33 324 (P)	16 00.31	1.0
	77.79	44 iPc	16 01.80	-0.1		iSg	55 38.90		HHA1	47.60 325 (P)	16 01.00	-0.4
SMF	1.2s	35.40nm	5.3mb		LIT	0.60 223 iPg	55 37.30	-0.3	BONR	48.49 315 ePd	16 09.19	0.6
	78.01	44 iPc	16 03.20	0.1		eSg	55 47.20		LRM	49.22 327 eP	16 13.80	-0.3
IMA	1.1s	38.60nm	5.4mb		KNT	0.63 351 ePgc	55 37.66	-0.4	LBFM	52.51 317 eP	16 39.09	0.0
	78.04	336 eP	16 01.88	-1.2		eSg	55 47.42		NEW	53.24 327 eP	16 44.00	-0.2
LOR	1.4s	11.02nm	4.8mb		GRG	0.63 312 ePg	55 38.42	0.3		1.0s	8.50nm	4.7mb
	78.04	43 iPc	16 03.20	-0.1		eSg	55 48.00		DPW	53.60 326 eP	16 45.86	-1.0
Z	1.1s	23.70nm	5.2mb		SRS	0.72 37 iPg	55 39.18	-0.4	YKA	61.55 341 eP	17 41.30	-1.4
LBF	19s	0.13um	4.3msz			eSg	55 49.80			0.8s	3.60nm	4.6mb
	78.11	44 iPc	16 03.50	-0.2	OUR	0.76 105 ePg	55 40.46	0.2	LIC	70.83 86 P	18 42.80	0.0
DOU	1.0s	10.00nm	4.9mb			iSg	55 50.69		KIC	71.10 86 P	18 44.30	-0.2
HON	78.63	40 P	16 07.10	0.7	PAIG	0.79 140 ePg	55 40.90	0.1	MBC	72.59 350 eP	18 53.00	0.8
	79.44	290 P	16 20.00	8.6X		eSg	55 52.50		GEC2	84.52 42 P	19 59.10	1.1
ENN	Z 20s	0.47um	4.8msz			S.D. = 0.4 on 8 of 8 obs.				0.9s	1.57nm	4.2mb
	79.49	40 eP	16 11.50	0.4		OCT 19, 1992 06h 07m 23.70±0.26s		GBA	146.66 51 PKP	27 10.00	3.8X	
WLF	0.8s	18.00nm	5.1mb			7.469 N ± 3.9km 76.431 W ± 5.9km		ASPA	146.75 238 ePKP	27 08.20	2.0	
HAU	79.62	41 Pd	16 13.00	1.2		DEPTH = 12.5km (2 depth phos)			1.0s	9.20nm		
Z	79.74	43 eP	16 12.70	0.1		4.6mb (12 obs.)		WB2	147.70 244 ePKP	27 10.40	2.6X	
FRF	22s	0.08um	4.0msz			NORTHERN COLOMBIA (99)			0.6s	7.00nm		
	79.96	47 iPc	16 14.40	0.6				WRA	147.71 244 PKP	27 10.80	3.0X	
LPL	1.3s	33.95nm	5.2mb						0.9s	3.30nm		
	80.00	45 iPc	16 15.30	1.0	HOBC	3.11 175 ePd	08 12.17	-1.3		S.D. = 1.1 on 52 of 59 obs.		
LPG	1.2s	15.45nm	4.8mb		CLMC	3.57 182 ePc	08 19.39	-0.7		OCT 19, 1992 06h 22m 49.61±0.33s		
BSF	80.02	45 iPc	16 15.60	1.1	AZUC	3.76 176 eP	08 23.03	-0.1		7.446 N ± 4.7km 76.337 W ± 9.0km		
	1.0s	11.00nm	4.8mb		ANCC	3.95 186 eP	08 25.47	0.0		DEPTH = 10.0km (geophysicist)		
LOMF	80.04	43 iPc	16 14.10	-0.2	HOQC	3.98 183 ePc	08 24.75	-1.3		4.4mb (7 obs.)		
WTS	0.9s	14.40nm	4.9mb		SILC	4.75 179 eP	08 38.94	1.8		NORTHERN COLOMBIA (99)		
	80.06	43 P	16 14.27	-0.1	PURC	5.11 179 eP	08 45.53	3.2X	HOBC	3.08 176 eP	23 38.42	-0.9
	80.07	39 eP	16 15.00	0.8	SDV	5.91 76 iPnc	08 55.00	1.7	CLMC	3.55 184 eP	23 45.51	-0.5
	0.8s	32.00nm	5.3mb			iSn	10 02.70		AZUC	3.73 177 ePc	23 48.96	0.0
MOF	80.27	43 P	16 15.13	-0.4	TOV	6.96 70 eP	09 08.90	1.0	ANCC	3.94 188 ePc	23 51.61	0.1
ECH	80.28	42 P	16 15.64	0.2	MORO	8.70 67 eP	09 31.30	-1.0	HOQC	3.96 184 eP	23 50.39	-1.6
CDF	80.36	42 P	16 15.81	-0.2	YHJ	10.36 360 iPd	09 54.33	-0.8	SILC	4.73 180 eP	24 03.87	0.8
WLS	80.41	42 P	16 16.24	0.0		S	11 50.51		PURC	5.09 180 eP	24 10.79	2.5X
BBS	80.52	43 P	16 16.74	-0.1	STH	10.55 358 iPd	09 56.35	-1.4	SDV	5.83 75 ePn	24 21.00	2.7X
FEL	80.86	43 P	16 18.36	-0.3		S	11 54.97		TOV	6.88 70 eP	24 34.50	1.4
NB2	82.44	29 P	16 26.60	0.1	GUAN	10.94 76 eP	10 00.20	-3.0X	YHJ	10.38 359 iPd	25 20.64	-1.1
	1.2s	15.80nm	5.0mb		ARE	24.27 168 eP	12 49.00	6.8X		S	27 10.41	
GRF	82.91	41 ePc	16 30.00	0.8	ZOBO	24.99 161 iPc	12 50.20	0.7	STH	10.58 358 iPd	25 22.21	-2.2
CLL	Z 24s	0.30um	4.6mszX			Z 24s 0.15um	3.4mszX			S	27 11.72	
KHC	84.49	41 P	16 38.00	0.8	LPB	25.23 161 P	12 53.20	1.6	ZOBO	24.94 161 P	28 16.00	0.7
	1.1s	10.90nm	5.0mb		CCH	26.70 158 P	13 05.00	-0.1		Z 24s 0.45um		3.9mszX
BRG	84.57	40 iP	16 38.50	0.9	NAV	29.97 353 eP	13 35.65	1.5	LPB	25.18 161 P	28 19.00	1.6
	1.0s	14.00nm	5.1mb		MIAR	31.23 332 (P)	13 43.49	-1.8	CCH	26.65 158 eP	28 31.00	0.1
GEC2	84.59	42 e(P)	16 38.30	0.4		1.1s 6.42nm	4.4mb		OLY	31.18 336 eP	29 13.01	1.9
	1.0s	11.30nm	5.1mb		VVO	32.91 330 eP	14 01.60	1.7	FVM	32.97 339 (P)	29 28.77	2.0
PRU	85.04	40 eP	16 40.30	0.4	FVM	32.92 339 (P)	13 59.18	-0.8		0.8s	14.50nm	5.0mb
KSP	86.06	39 ePc	16 45.80	0.8		0.8s 25.59nm	5.2mb		BAO	36.25 129 Pd	29 54.00	-1.3
SRO	87.77	42 eP	16 53.00	-0.3	RLO	33.24 332 e(P)	14 01.80	-0.9	BDF	36.34 129 P	29 57.00	1.0
OJC	88.36	40 eP	16 57.70	1.5	LNO	33.40 331 eP	14 02.30	-1.7	PPD	38.21 141 eP	30 08.50	-3.1
SPC	88.82	41 eP	17 00.80	2.2		e	14 05.60 11km		ALO	38.91 319 eP	30 17.14	-0.4
BCAO	94.41	85 iPc	17 25.50	0.5	TUL	33.40 331 eP	14 02.50	-1.6		1.0s	10.04nm	4.5mb
	1.1s	19.00nm	5.4mb			1.0s 20.80nm	5.0mb		GOL	41.34 325 eP	30 38.04	0.5
SPA	97.39	180 iPc	17 39.50	1.9	SIO	33.52 330 e(P)	14 07.00	1.8		0.9s	10.26nm	4.6mb
	1.1s	18.45nm	5.6mb		BAO	36.34 129 Pd	14 27.80	-1.9	PV10	42.65 321 eP	30 49.29	0.9
BJI	131.33	347 ePKP	23 13.50	-3.8X		e	14 31.90 14km		SRU	44.02 321 eP	30 58.91	-0.5
GTA	133.26	4 PKP	23 20.50	-0.7		e	14 34.00		ARUT	45.16 318 eP	31 08.46	-0.1
GKN	140.33	27 PKP	23 25.40	-9.4X		e	14 41.00		DAU	45.25 322 eP	31 09.18	-0.3
KKN	140.80	26 PKP	23 28.00	-7.7X	BDF	36.42 129 e(P)	14 30.00	-0.4	BW06	45.74 326 eP	31 12.50	-0.7
DMN	140.88	26 PKP	23 30.50	-5.4X		e	14 31.20 4kmX			1.1s	5.16nm	4.4mb
GUN	140.95	25 PKP	23 28.70	-7.5X		e	14 34.00		TNP	47.87 316 eP	31 30.19	0.1
PKI	141.04	26 PKP	23 31.20	-5.1X		e	14 43.10			1.0s	3.90nm	4.5mb
GYA	146.17	355 PKP	23 44.60	-0.3	PPD	38.29 141 eP	14 44.40	-1.5	BONR	48.57 315 eP	31 35.80	0.2
ASPA	146.67	238 iPKPc	23 46.20	0.6	ALO	38.84 319 ePd	14 50.35	-0.2	LRM	49.29 327 eP	31 40.90	0.0
	1.0s	66.50nm				0.9s 10.35nm	4.5mb		BMW	55.85 322 (P)	32 29.21	-0.5
GBA	146.74	51 PKP	23 47.50	1.7	TUC	40.37 312 (P)	15 03.52	0.4	YKA	61.61 341 eP	33 08.00	-1.4
WB2	147.62	244 ePKP	23 48.60	1.4		1.0s 3.99nm	4.1mb			0.7s	2.10nm	4.4mb
	0.7s	26.90nm			GOL	41.26 326 iPd	15 10.72	0.1	LIC	70.74 86 P	34 08.70	0.1
		i	24 14.50			0.9s 20.11nm	4.8mb		KIC	71.01 86 P	34 10.40	0.1
KMI	147.63	1 ePKP	23 49.50	2.1	PV10	42.58 321 eP	15 22.60	1.2	MBC	72.63 350 eP	34 18.00	-0.8
WRA	147.63	244 PKP	24 05.90	18.7X	JFO	43.55 133 (P)	15 23.00	-6.3X	GEC2	84.48 42 P	35 23.00	-1.1
	1.1s	1.50nm			GLA	43.71 311 (P)	15 31.37	0.9		0.9s	1.25nm	4.1mb
WRA	147.63	244 PKP	23 47.50	0.3	SRU	43.94 321 iPc	15 32.51	0.1	GBA	146.60 51 PKP	42 34.00	1.6
	1.1s	11.80nm			EMUT	44.55 322 iPc	15 37.43	0.0	WB2	147.77 244 ePKP	42 35.80	1.5
	S.D. = 1.0 on 178 of 210 obs.				MSU	44.64 319 eP	15 38.19	0.0		0.6s	4.30nm	
% OCT 19, 1992 05h 55m 25.45±0.57s					ARUT	45.08 318 eP	15 42.52	0.9	WRA	147.78 244 PKP	42 36.20	1.9
40.540 N ± 4.8km 23.024 E ± 5.2km					DAU	45.18 322 ePc	15 42.74	0.2		0.6s	1.60nm	
DEPTH = 10.0km (geophysicist)					PLM	45.38 310 eP	15 45.50	1.4		S.D. = 1.2 on 36 of 38 obs.		
GREECE (364)					BW06	45.67 326 eP	15 45.59	-0.7				
						1.3s 10.93nm	4.7mb					

19d 06h

OCT 19, 1992 06h 35m 52.07 ± 0.34s
 6.936 N ± 6.6km 76.730 W ± 4.9km
 DEPTH = 15.1km (2 depth phases)
 4.7mb (15 obs.)
 NORTHERN COLOMBIA (99)

SDV	6.34	72	ePn	37	30.10	2.6
TOV	7.43	67	iPd	37	43.30	0.7
			iS	39	06.60	
MORO	9.19	64	eP	38	05.20	-1.9
GUAN	11.37	74	eP	38	33.90	-3.2X
CUM	12.90	73	iP	38	57.00	-0.6
			iS	41	25.00	
GRW	15.74	70	eP	39	31.73	-3.2X
SVB	16.48	66	eP	39	42.54	-1.9
SVV	16.53	66	eP	39	43.00	-2.0
NEV	17.15	52	eP	39	55.16	2.4
MGH	17.20	54	eP	39	51.58	-1.9
PAG	17.28	57	eP	39	50.00	-4.6X
BPA	17.67	54	eP	39	50.39	-8.9X
CPB	18.02	52	eP	39	52.30	-11.3X
ARE	23.82	167	eP	41	09.00	3.3X
ZOBO	24.59	160	P	41	13.10	-0.5
			i	48	43.50	
LPB	24.83	160	eP	41	16.00	0.3
			e	48	11.00	
CCH	26.33	157	eP	41	28.00	-1.6
OLY	31.49	337	ePc	42	14.60	-0.9
ELC	32.28	341	ePd	42	21.94	-0.4
VVO	33.23	331	eP	42	29.60	-1.0
FVM	33.31	340	eP	42	30.99	-0.4
	0.7s	32.17nm			5.4mb	
RLO	33.57	333	eP	42	32.30	-1.3
TUL	33.72	331	eP	42	34.00	-0.9
	0.7s	8.80nm			4.8mb	
BAO	36.24	128	Pd	42	55.90	-0.9
			e	43	00.90	17km
			e	43	06.80	
			e	43	10.10	
			e	43	13.10	
BDF	36.32	128	Pd	42	58.00	0.5
			e	43	02.00	13km
ALO	39.04	320	iPd	43	21.06	0.8
	0.6s	5.17nm			4.4mb	
EEO	39.61	357	eP	43	33.00	8.4X
MDZ	40.30	170	eP	43	31.20	0.7
TUC	40.51	313	ePd	43	33.11	0.8
	1.1s	6.30nm			4.2mb	
GOL	41.54	326	eP	43	40.59	-0.2
	0.9s	11.91nm			4.6mb	
VAO	41.62	136	(P)	43	38.00	-3.5X
PDCR	42.09	117	eP	43	43.70	-1.6
PV10	42.81	322	P	43	52.09	0.8
JFO	43.41	132	(P)	43	51.00	-5.1X
GLA	43.84	312	ePd	44	00.22	0.7
SRU	44.17	322	ePc	44	02.25	0.0
EMUT	44.78	322	ePc	44	07.55	0.3
MSU	44.85	320	iPc	44	07.99	0.1
ARUT	45.27	318	ePc	44	11.25	0.1
DAU	45.41	323	iPc	44	12.36	0.0
PLM	45.50	311	iPd	44	14.25	1.3
BW06	45.94	326	P	44	16.00	-0.4
	1.3s	10.93nm			4.7mb	
PEC	45.96	311	eP	44	16.15	-0.3
	0.7s	3.48nm			4.4mb	
ULM	46.05	343	eP	44	17.50	0.7
DUG	46.24	321	ePc	44	18.90	0.2
	0.6s	4.64nm			4.7mb	
GSC	46.34	313	eP	44	19.20	-0.3
PTI	47.59	325	eP	44	29.04	-0.3
TNP	47.97	316	iPc	44	32.22	-0.3
	0.7s	6.63nm			4.8mb	
BONR	48.65	316	ePc	44	38.43	0.6
LRM	49.50	328	eP	44	44.00	-0.2
ARN	50.67	313	eP	44	54.34	1.4
ORV	51.61	316	ePc	44	59.92	-0.2
LBFM	52.70	318	ePc	45	07.43	-1.1
DPW	53.88	326	eP	45	15.93	-0.9
VGB	54.05	323	ePc	45	18.11	-0.1
MCW	56.90	325	ePc	45	37.70	-1.1
YKA	61.96	341	eP	46	11.60	-1.8
	0.6s	8.00nm			5.1mb	
TIC	71.14	85	P	47	13.48	0.8
LIC	71.17	86	P	47	13.12	0.3
	0.9s	32.50nm			5.5mb	
KIC	71.44	86	P	47	14.92	0.5
	1.1s	61.00nm			5.6mb	

DCN	72.25	36	eP	47	20.50	2.0
DMU	72.58	36	eP	47	22.00	1.5
MBC	73.06	350	eP	47	22.00	-0.9
SPU	76.89	331	eP	47	44.90	-0.3
IMA	78.41	336	ePc	47	52.76	-0.8
	1.4s	11.83nm			4.8mb	
NB2	82.99	29	P	48	20.40	2.6
	0.8s	3.20nm			4.5mb	
GEC2	85.12	42	P	48	30.90	2.0
	0.8s	1.37nm			4.2mb	
WB2	147.20	244	ePKP	55	34.30	-0.6
	0.6s	10.40nm				
WRA	147.21	244	PKP	55	35.00	0.1
	0.7s	4.50nm				
GBA	147.22	52	PKP	55	37.40	2.4
	S.D. = 1.2	on 61	of 70	obs.		

OCT 19, 1992 06h 45m 13.75 ± 0.32s
 7.262 N ± 3.9km 76.394 W ± 8.5km
 DEPTH = 10.0km (geophysicist)
 4.6mb (5 obs.)
 NORTHERN COLOMBIA (99)

HOBC	2.90	175	eP	46	00.27	-0.7
CLMC	3.36	183	ePc	46	07.02	-0.5
BOG	3.50	138	iPd	46	21.50	11.9X
AZUC	3.55	176	ePc	46	10.90	0.4
ANCC	3.75	187	eP	46	13.67	0.7
HOQC	3.78	184	iPc	46	12.53	-1.0
SILC	4.54	179	ePc	46	25.26	0.7
SDV	5.93	74	ePn	46	47.50	3.6X
TOV	6.99	69	eP	47	22.70	23.9X
			iS	48	21.50	
LLAV	9.99	71	eP	47	41.00	0.4
GUAN	10.96	75	eP	47	53.00	-0.8X
VVO	33.11	330	eP	51	51.50	-0.6
FVM	33.12	339	ePc	51	52.45	0.2
	0.7s	26.05nm			5.3mb	
RLO	33.43	332	eP	51	54.10	-0.8
LNO	33.59	331	eP	51	55.30	-0.9
TUL	33.59	331	ePc	51	55.90	-0.4
	0.6s	9.70nm			4.9mb	
BAO	36.18	129	e(P)	52	14.00	-4.8X
			e	52	21.00	
			e	54	27.80	
			e	54	42.00	
			e	54	53.00	
			e	55	07.10	
			e	55	18.50	
			e	55	28.10	
			e	55	41.20	
BDF	36.27	129	e(P)	52	23.00	3.4X
			e	52	25.30	
ALO	39.01	319	iPc	52	43.16	0.6
	0.6s	2.41nm			4.0mb	
GOL	41.46	326	eP	53	02.99	0.3
	0.9s	10.65nm			4.6mb	
VAO	41.63	137	(P)	53	04.00	-0.1
SRU	44.13	321	eP	53	24.70	0.3
MSU	44.82	319	ePc	53	30.96	0.8
DAU	45.36	322	ePc	53	35.16	0.7
BONR	48.66	315	ePc	54	01.12	0.7
LRM	49.41	327	eP	54	05.90	-0.1
YKA	61.76	341	eP	55	33.00	-1.6
	0.8s	2.80nm			4.5mb	
MBC	72.80	350	eP	56	44.00	0.1
GBA	146.76	51	PKP	05	03.00	6.2X
WRA	147.65	244	PKP	04	59.20	1.0
	0.6s	0.50nm				
	S.D. = 0.7	on 23	of 30	obs.		

OCT 19, 1992 07h 07m 47.91 ± 0.27s
 7.238 N ± 4.0km 76.501 W ± 5.3km
 DEPTH = 10.0km (geophysicist)
 4.6mb (11 obs.)
 NORTHERN COLOMBIA (99)

HOBC	2.89	173	eP	08	34.22	-0.7
CLMC	3.34	181	eP	08	40.81	-0.5
AZUC	3.54	174	iPc	08	44.77	0.3
BOG	3.55	137	iPc	08	52.00	7.4X
ANCC	3.72	186	ePc	08	43.86	-2.8
HOQC	3.75	182	iPc	08	46.44	-0.9
SILC	4.52	178	iPc	08	59.42	1.0
PURC	4.89	178	eP	09	05.24	1.6
SDV	6.04	74	iPnc	09	21.40	1.8
TOV	7.10	69	ePd	09	35.60	1.1

MORO	8.85	65	eP	09	58.00	-1.0
GUAN	11.07	75	eP	10	27.10	-2.4
CUM	12.60	74	eP	11	00.00	9.9X
			eS	13	31.00	
TRN	15.29	76	eP	11	23.00	-2.6
NEV	16.78	53	eP	11	48.58	3.8X
MGH	16.84	55	eP	11	51.69	6.2X
BPA	17.31	54	eP	11	52.39	1.0
CPB	17.65	53	eP	11	51.92	-3.7X
ZOBO	24.80	161	P	13	13.10	0.8
	1.2s	14.53nm			4.5mb	
		i		21	19.00	
LPB	25.04	161	P	13	17.00	2.7X
		e		21	14.00	
CCH	26.52	157	eP	13	29.00	1.0
OLY	31.31	336	ePc	14	09.77	-0.7
VVO	33.08	330	eP	14	25.70	-0.3
		e		14	31.20	
FVM	33.11	340	ePc	14	25.95	-0.3
	0.8s	38.39nm			5.4mb	
RLO	33.41	332	eP	14	28.00	-0.9
		e		14	33.70	
LNO	33.56	331	ePd	14	29.50	-0.6
		e		14	35.20	
TUL	33.56	331	ePd	14	29.70	-0.5
	0.7s	19.80nm			5.2mb	
		e		14	34.80	
SIO	33.68	330	e(P)	14	30.70	-0.6
BAO	36.25	129	Pd	14	53.10	-0.5
		e		14	58.20	
		e		15	10.90	
BDF	36.33	129	e(P)	14	56.00	1.7
		e		14	58.10	
		e		15	01.00	
		e		15	04.80	
JFWS	37.54	343	ePc	15	02.64	-1.3
	0.9s	12.12nm			4.7mb	
PPD	38.16	140	eP	15	08.50	-0.9
ALQ	38.96	319	eP	15	16.08	-0.2
	1.1s	9.25nm			4.4mb	
GOL	41.41	326	eP	15	37.21	0.7
	1.0s	16.24nm			4.7mb	
		e		15	43.39	
PV10	42.71	321	eP	15	49.00	1.8
JFO	43.44	132	eP	15	56.90	3.8X
SRU	44.08	321	ePc	15	58.59	0.4
		e		16	04.51	
MSU	44.77	319	(P)	16	05.23	1.3
ARUT	45.20	318	(P)	16	07.72	0.5
BW06	45.82	326	eP	16	12.60	0.5
	1.5s	13.35nm			4.7mb	
ULM	45.83	343	eP	16	13.50	1.8
GSC	46.30	313	eP	16	15.88	0.0
BONR	48.60	315	eP	16	34.55	0

MTN 6.06 154 eP 12 00.50 0.7
0.3s 159.00nm 5.7mb X
KNA 8.32 178 eP 12 30.20 -0.2
0.2s 58.00nm 5.9mb X
WB2 13.75 156 iP 13 39.90 -2.0
0.4s 18.10nm 4.8mb X
MBL 16.00 210 eP 14 10.00 -0.1
eS 17 00.00
QIS 17.01 141 eP 14 23.00 0.5
0.2s 4.00nm 4.4mb
ASPA 17.03 163 eP 14 23.50 0.7
0.5s 12.60nm 4.5mb
WARB 18.77 185 eP 14 43.20 0.5
GEC2 111.69 320 PKP 28 51.60 -0.1
1.0s 1.05nm
S.D. = 1.2 on 8 of 8 obs.

OCT 19, 1992 07h 32m 24.09±0.38s
38.433 N ± 4.0km 25.269 E ± 3.4km
DEPTH = 10.0km (geophysicist)
4.2mb (9 obs.)

AEGEAN SEA (365)
MD 4.1 (ATH). Felt strongly on
Khios, Greece. Also felt at
Izmir, Turkey.

PRK 1.13 44 iPc 32 45.50 0.3
ATH 1.31 250 eP 32 47.50 -0.7
eS 33 03.00
IZM 1.57 91 iPg 32 52.50 0.5
EZN 1.62 30 iPn 32 52.00 -0.7
PAIG 1.94 321 ePn 32 59.00 1.7
AGG 2.37 285 ePnc 33 01.00 -2.7
VLI 2.52 228 eP 33 04.00 -1.8
ALN 2.53 13 ePn 33 02.90 -3.0
eSn 33 48.00
LIT 2.72 309 ePn 33 09.30 0.6
eSn 33 58.90
EDC 2.77 46 iPn 33 10.00 0.6
SOH 2.81 329 ePnd 33 11.00 1.1
BNT 2.81 46 iPn 33 11.00 1.1
THE 2.83 322 ePn 33 11.10 1.0
SRS 2.98 335 ePn 33 13.10 0.9
eSn 34 05.70
KCT 3.00 52 iPn 33 13.00 0.4
NPS 3.18 175 eP 33 12.50 -2.6
KDZ 3.21 2 iPc 33 14.00 -1.6
RZN 3.28 353 iPc 33 16.00 -0.7
KNT 3.28 327 ePn 33 17.30 0.7
KZN 3.29 306 eP 33 16.80 0.0
KHL 3.35 91 ePn 33 18.00 0.4
GRG 3.35 320 ePnd 33 18.20 0.6
MMB 3.37 340 iPc 33 17.00 -0.8
VAY 3.55 325 iPn 33 22.50 2.1
DIM 3.62 3 eP 33 21.00 -0.3
VLS 3.69 267 eP 33 23.00 0.6
PLD 3.69 353 eP 33 21.00 -1.4
FNA 3.81 309 ePn 33 23.80 -0.4
KKB 3.82 335 iPd 33 24.00 -0.2
ALT 3.84 79 iPn 33 25.00 0.4
DMK 3.88 29 iPn 33 24.90 -0.2
ISK 3.93 47 iPn 33 26.00 0.3
ELL 4.05 113 ePn 33 28.00 0.4
PGB 4.20 349 iPc 33 29.00 -0.6
BCK 4.32 101 ePn 33 31.90 0.6
GPA 4.32 63 ePn 33 32.50 1.1
EYL 4.34 59 ePn 33 32.50 0.8
VTS 4.44 340 iPc 33 33.00 -0.1
KEK 4.44 288 eP 33 34.80 1.7
SKO 4.59 322 iPn 33 34.70 -0.5
iSn 34 30.00
PVL 4.78 1 iPc 33 36.00 -1.8
BUC1 5.94 5 eP 34 08.00 13.9X
BUC 6.01 6 ePc 34 24.00 28.9X
ISR 6.77 8 eP 34 11.00 5.1X
MLR 7.07 4 ePd 34 11.50 1.3
TNR 7.25 354 ePc 34 11.00 -1.6
VRI 7.51 8 ePc 34 14.50 -1.7
DEV 7.65 347 ePd 34 18.00 -0.2
CLI 8.25 10 ePc 34 26.50 -0.1
SPC 11.34 343 eP 35 08.40 -0.9
KHC 13.61 326 P 35 41.40 1.9
1.0s 3.90nm 4.3mb

PRU 13.86 330 eP 35 51.00 8.3X
LPG 15.46 303 eP 36 09.30 5.3X
0.7s 6.05nm 4.0mb
LPL 15.48 303 eP 36 10.20 6.0X
1.0s 11.80nm 4.1mb
SSF 18.12 305 eP 36 40.30 3.0X
1.2s 14.00nm 4.0mb
AVF 18.12 304 eP 36 39.20 1.9
1.2s 14.90nm 4.0mb
KAF 23.72 1 iP 37 36.50 -0.2
0.6s 4.40nm 4.2mb
NB2 24.28 343 P 37 41.20 -1.0
0.7s 9.00nm 4.5mb
EKA 25.49 321 P 37 54.00 0.2
0.8s 4.10nm 4.2mb
BCAO 34.39 192 iPd 39 12.50 -1.0
0.5s 3.00nm 4.5mb
TIC 41.86 229 P 40 17.60 1.6
KIC 41.92 228 P 40 18.10 1.6
LIC 42.20 228 P 40 18.80 0.0
S.D. = 1.2 on 56 of 63 obs.

% OCT 19, 1992 07h 46m 38.72±0.76s
38.622 N ± 6.6km 5.177 W ± 8.1km
DEPTH = 10.0km (geophysicist)

SPAIN (377)
mbLg 3.0 (MDD).

EHOR 0.80 184 iPgc 46 52.95 -1.3
eSg 47 03.30
EBAN 1.18 112 iPgd 46 59.55 -1.3
eSg 47 16.00
ELUQ 1.28 146 iPnd 47 02.36 -0.2
eSn 47 19.40
EPLA 1.60 334 iPnd 47 06.36 -0.8
EVAL 1.62 231 ePn 47 07.37 0.0
eSn 47 27.80
EPRU 1.65 182 ePn 47 09.28 1.3
eSn 47 28.70
ECOG 1.85 136 ePn 47 12.26 1.4
eSn 47 33.90
EVIA 2.09 89 ePn 47 14.24 -0.2
eSn 47 39.70
GUD 2.17 21 ePn 47 16.34 0.9
eSn 47 43.20
S.D. = 1.2 on 9 of 9 obs.

? OCT 19, 1992 08h 00m 22.36±2.54s
8.291 S ± 17.0km 157.289 E ± 18.1km
DEPTH = 73.4 ± 26.6 km
4.3mb (4 obs.)

SOLOMON ISLANDS (193)

SVO 2.64 189 eP 01 03.00 -0.5
HNR 2.86 114 eP 01 07.00 0.4
eS 01 48.00
RMQ 19.83 203 eP 04 51.00 1.1
WB2 25.04 240 eP 05 38.70 -2.7
0.8s 8.90nm 4.3mb
STK 27.64 210 eP 06 06.60 1.5
0.7s 3.30nm 4.0mb
YAK 73.29 347 eP 11 48.00 0.6
1.0s 30.00nm 5.2mb
GUN 77.73 301 P 12 14.26 0.5
PKI 78.04 300 P 12 15.36 0.0
KKN 78.21 301 P 12 16.40 0.2
DMN 78.31 300 P 12 17.26 0.5
GKN 78.81 301 P 12 19.58 0.1
GBA 82.18 285 P 12 44.30 7.1X
FBA 83.51 21 eP 12 43.09 0.0
0.8s 3.36nm 4.4mb
BAO 145.47 133 PKPc 19 55.40 0.7
e 20 01.00
e 20 05.00
e 20 16.50
BDF 145.52 134 PKPd 19 52.50 -2.3
e 19 58.70
S.D. = 1.3 on 14 of 15 obs.

% OCT 19, 1992 08h 54m 51.37±2.11s
41.046 N ± 21.0km 28.739 E ± 10.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

ISK 0.24 85 iPg 54 56.50 0.0
iSg 55 00.50

YLV 0.68 135 ePg 55 05.00 0.1
KCT 0.85 200 ePn 55 07.50 -0.2
BNT 0.93 222 ePn 55 10.00 0.9
EDC 0.96 224 ePn 55 09.00 -0.7
S.D. = 0.8 on 5 of 5 obs.

% OCT 19, 1992 09h 05m 49.54±0.52s
44.726 N ± 5.0km 7.635 E ± 6.7km
DEPTH = 31.1 ± 7.4 km

NORTHERN ITALY (545)
ML 2.1 (GEN).

BHB 0.29 294 P 05 57.18 0.2
S 06 02.30
PZZ 0.44 240 P 05 58.96 -0.3
S 06 05.41
ROB 0.46 159 P 05 59.74 0.2
S 06 07.11
RSP 0.50 328 P 06 00.65 0.4
S 06 08.21
ENR 0.52 197 P 06 00.29 -0.2
S 06 07.79
STV 0.53 205 P 06 00.24 -0.4
S 06 07.61
RRL 0.64 288 P 06 02.67 0.3
S 06 11.73
FIN 0.66 141 P 06 02.94 0.4
S 06 11.73
PCP 0.67 105 P 06 02.39 -0.4
S 06 11.32
LSD 0.81 335 P 06 04.32 -0.6
S 06 13.29
IMI 0.84 167 P 06 05.51 0.4
S 06 15.81
S.D. = 0.4 on 11 of 11 obs.

% OCT 19, 1992 09h 07m 39.43±1.18s
31.344 S ± 22.3km 67.991 W ± 7.3km
DEPTH = 33.0km (normal)

SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.41 272 iPc 07 49.80 1.0
RTCV 0.69 222 iPc 07 52.90 0.1
S 08 04.80
RTCB 0.71 258 iPc 07 51.90 -1.1
S 08 03.40
MRA 2.21 119 ePc 08 15.00 0.5
TCA 2.91 91 iP 08 24.10 -0.4
i 08 59.60
S.D. = 1.2 on 5 of 5 obs.

OCT 19, 1992 09h 36m 27.31±0.45s
7.348 N ± 5.0km 76.599 W ± 8.8km
DEPTH = 10.0km (geophysicist)
4.3mb (5 obs.)

NORTHERN COLOMBIA (99)

HOBC 3.01 171 eP 37 14.83 -1.2
CLMC 3.44 179 eP 37 21.72 -0.5
AZUC 3.66 173 iPd 37 25.49 -0.1
BOG 3.70 137 eP 37 34.50 8.4X
ANCC 3.82 184 eP 37 26.61 -0.9
HOQC 3.85 181 ePd 37 27.18 -1.0
SILC 4.64 177 eP 37 40.14 0.7
PURC 5.00 177 eP 37 46.60 1.9
SDV 6.10 75 ePn 38 01.10 1.2
TOV 7.15 70 eP 38 14.50 -0.1
YHJ 10.48 1 iPd 39 02.68 1.9
STH 10.67 359 iPd 39 01.43 -1.9
GUAN 11.13 76 eP 39 08.00 -1.8
ZOBO 24.93 160 eP 41 54.00 1.0
e 49 49.00
LPB 25.17 161 P 41 58.00 3.0X
FVM 32.97 340 eP 43 04.75 0.3
0.8s 12.41nm 4.9mb
ALQ 38.82 319 eP 43 54.62 0.2
0.7s 2.11nm 3.9mb
GOL 41.27 326 eP 44 15.08 0.4
0.8s 4.61nm 4.3mb
PV10 42.57 321 eP 44 26.79 1.4
MSU 44.63 319 eP 44 42.13 0.0
DAU 45.17 322 eP 44 46.56 0.0
PLM 45.33 310 (P) 44 46.75 -1.0
BW06 45.67 326 eP 44 50.00 -0.4
1.0s 2.33nm 4.1mb
YKA 61.61 341 eP 46 44.70 -2.5
0.7s 2.90nm 4.6mb

19d 09h

GBA 146.86 51 PKP 56 13.00 2.4
S.D. = 1.3 on 23 of 25 obs.

OCT 19, 1992 10h 11m 10.83±0.19s
3.159 N ± 4.0km 82.934 W ± 3.5km
DEPTH = 10.0km (geophysicist)
5.2mb (52 obs.) 5.3Msz (26 obs.)

SOUTH OF PANAMA (83)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 71C
Centroid Location:
Origin Time 10:11:11.2 0.4
Lat 2.87N 0.04 Lon 82.74W 0.03
Dep 15.0 FIX Half-duration 2.0
Moment Tensor: Scale 10**17 Nm
Mrr=3.54 0.11 Mtt=-2.88 0.10
Mff=-0.66 0.18 Mrt=0.79 0.41
Mrf=0.20 0.32 Mtf=-1.28 0.09
Principal Axes:
T Vol=3.64 Plg=83 Azm=355
N -0.08 2 246
P -3.56 6 156
Best Double Couple: Mo=3.6*10**17
NP1:Strike=243 Dip=39 Slip=86
NP2: 68 51 93

BOG 8.97 80 eP 13 26.00 2.3
iS 15 58.00
SDV 13.49 65 eP 14 26.20 1.2
TOV 14.62 63 eP 14 40.60 0.8
TPX 14.86 322 (P) 14 42.00 -0.8
CAR 17.48 65 eP 15 16.00 -0.5
OXX 19.36 317 (P) 15 42.00 2.1
CUM 19.98 68 iP 15 47.00 0.6
IISM 21.14 319 (P) 16 00.00 1.6
ACX 21.49 310 (P) 16 04.00 1.9
PORP 21.78 46 P 16 05.00 0.1
PORP 21.78 46 P 16 06.00 1.1
IIT 21.79 317 (P) 16 07.50 2.2
CPD 22.29 47 P 16 10.00 0.0
ARE 22.54 150 eP 16 16.00 3.2X
UNM 22.60 317 (P) 16 16.00 2.7
SVV 23.72 64 eP 16 24.78 0.8
ZOBO 24.24 143 Pc 16 30.80 1.1
1.0s 115.00nm 5.4mb

MGH 24.41 55 eP 16 32.48 1.7
LPB 24.45 144 P 16 33.00 1.4
1.0s 164.00nm 5.6mb
Z 18s 25.29um 5.8Msz

S 21 00.00
LR 25 47.00
PAG 24.51 57 eP 16 30.00 -1.8
BPA 24.88 55 eP 16 35.79 0.5
CPB 25.21 54 eP 16 38.33 -0.1
CCH 26.29 141 eP 16 49.00 0.2
ANT 29.35 156 eP 17 17.50 1.3
MZK 30.23 313 (P) 17 25.00 0.9
YJA 30.40 147 ePc 17 26.00 -0.1
PRM 30.77 1 iPd 17 28.20 -0.5
JSC 31.00 3 eP 17 30.35 -0.4
LHS 31.22 3 eP 17 31.77 -0.9
MIAR 32.76 344 ePd 17 45.46 -0.7
1.2s 21.07nm 4.9mb
Z 19s 3.87um 5.1Msz

CEH 32.76 6 (P) 17 45.28 -0.9
1.3s 63.60nm 5.4mb
Z 22s 5.64um 5.2Msz

OLY 33.14 347 iPd 17 48.65 -0.8
NAV 34.05 3 eP 17 56.89 -0.5
ELC 34.45 351 ePd 17 59.50 -1.3
MEO 34.67 337 iPd 18 01.60 -1.1
RLO 34.69 343 eP 18 01.90 -1.0
TUL 34.69 341 ePc 18 01.60 -1.3
1.4s 70.60nm 5.4mb
Z 22s 8.00um 5.4Msz

S 19 22.00
LR 23 08.00
LNO 34.69 341 ePc 18 01.30 -1.5
FVM 35.33 350 ePd 18 07.37 -1.0
0.9s 36.04nm 5.2mb
Z 20s 7.97um 5.5Msz

S 23 48.29
SLM 35.93 350 P 18 20.00 6.6X
Z 20s 2.60um 5.0Msz

MCWV 36.44 4 P 18 30.00 12.3X
Z 19s 5.21um 5.3Msz
LVNJ 38.20 10 ePc 18 32.24 -0.2
MDZ 38.25 161 eP 18 33.60 0.6
ALO 38.43 328 eP 18 35.70 1.0
1.1s 30.41nm 4.9mb
Z 20s 1.89um 4.9Msz

S 24 40.52
TBR 38.62 11 (P) 18 35.41 -0.6
MRA 38.97 157 e(P) 18 38.30 -0.6
BAO 39.29 119 Pc 18 40.20 -1.9
e 18 51.10
e 18 56.90
e 19 08.80
e 19 24.00
e 19 47.00
e 20 13.90
e 20 18.20
e 20 50.30
BDF 39.38 119 Pc 18 43.00 0.2
e 18 45.10
e 20 24.50
e 20 26.10
e 20 51.70
e 21 07.50

PPD 39.78 131 eP 18 44.70 -1.2
JFWS 40.12 352 iPd 18 47.15 -1.3
0.8s 30.93nm 5.0mb
Z 21s 3.04um 5.1Msz
HRV 40.47 13 P 19 00.00 8.7X
Z 18s 3.68um 5.3Msz
GOL 41.68 334 ePd- 19 02.24 0.6
1.1s 30.10nm 4.9mb
Z 21s 4.36um 5.3Msz

e 20 58.78
S 25 22.13
RSNY 41.88 9 P 19 10.00 7.1X
Z 19s 3.63um 5.3Msz
GLA 42.12 319 ePd 19 05.86 0.8
PV10 42.39 329 ePd 19 08.39 1.0
EEO 43.44 4 eP 19 17.00 1.4
PLM 43.66 317 ePc 19 18.98 1.2
VAO 43.66 128 eP 19 07.60 -10.2X
SRU 43.71 329 iPd 19 18.72 0.7
MSU 44.16 327 ePc 19 22.25 0.5
PEC 44.18 318 iPc 19 22.93 1.1
1.2s 20.77nm 4.9mb

ARUT 44.36 325 eP 19 24.27 0.9
EMUT 44.38 329 eP 19 23.91 0.3
LPA 44.56 150 eP- 19 26.00 1.3
Z 20s 9.93um 5.7Msz
ePP 21 12.00
SSK 44.73 318 eP 19 27.27 0.9
GSC 44.80 320 ePd 19 27.62 0.8
DAU 45.05 329 eP 19 29.81 0.7
LMN 45.38 18 eP 19 34.50 3.3X
CBM 45.46 14 eP 19 28.00 -3.8X
TPNV 45.48 322 eP 19 33.58 1.3
1.1s 30.28nm 5.2mb
Z 21s 2.70um 5.2Msz

DUG 45.70 328 ePd 19 34.86 0.8
1.4s 19.97nm 4.9mb
BW06 46.03 333 iPc 19 35.90 -0.8
1.0s 32.50nm 5.3mb
ISA 46.10 319 eP 19 37.85 0.7
1.1s 15.29nm 4.9mb
Z 21s 4.29um 5.4Msz

ABL 46.13 318 eP 19 38.08 0.5
PDCR 46.23 111 eP 19 36.90 -1.4
TNP 46.79 322 ePc 19 42.83 0.1
1.3s 29.32nm 5.2mb
BCH 46.90 317 eP 19 42.86 -0.7
BONR 47.38 322 eP 19 48.10 0.6
PTI 47.44 331 eP 19 48.26 0.5
PHAM 47.48 318 eP 19 48.21 0.2
MEMM 47.60 321 eP 19 49.78 0.9
FRI 47.69 320 eP 19 48.43 -1.1
HHA1 47.76 331 ePc 19 50.23 0.0
PRI 47.83 318 eP 19 50.79 -0.1
KVN 47.94 323 eP 19 51.80 0.0
ULM 48.19 349 eP 19 54.50 1.2
LLA 48.28 318 eP 19 53.92 -0.3
PRS 48.41 318 eP 19 55.23 0.0
CMB 48.74 320 ePd 19 57.70 -0.1
1.5s 26.93nm 5.1mb
Z 21s 3.29um 5.3Msz

S 27 06.61

ARN 49.08 319 eP 20 00.68 0.2
LRM 49.70 333 eP 20 03.70 -1.7
ORV 50.33 321 iPc 20 10.32 0.3
NTYM 50.41 319 eP 20 10.24 -0.2
MIN 50.87 322 eP 20 13.07 -1.1
WDC 51.58 322 P 20 30.00 10.6X
Z 22s 2.53um 5.2Msz

LBFM 51.64 323 eP 20 19.43 -0.7
SES 52.72 338 ePc 20 27.00 -0.9
2.0s 270.00nm 5.8mb
VGB 53.61 328 eP 20 34.35 -0.1
NEW 53.66 332 eP 20 33.70 -1.1
1.5s 116.62nm 5.7mb

DPW 53.89 331 ePd 20 36.32 -0.2
RMW 55.41 329 ePd 20 46.77 -1.0
GMW 55.97 328 eP 20 50.40 -1.3
MCW 56.72 329 eP 20 56.09 -1.0
PGC 57.02 329 eP 20 59.00 -0.1
YKA 63.70 344 eP 21 43.60 -0.9
1.0s 7.60nm 4.8mb

KLU 74.60 334 eP 22 51.71 -0.1
HON 74.95 291 P 23 00.00 5.6X
Z 20s 1.18um 5.2Msz
MBC 75.79 352 ePc 22 58.00 -0.3
1.0s 17.00nm 5.1mb
PMR 76.07 333 P 23 10.00 9.9X
Z 20s 2.61um 5.5Msz

FBA 76.68 337 eP 23 02.32 -1.2
1.4s 24.64nm 5.1mb
SPU 77.27 332 eP 23 06.11 -0.8
CRP 77.34 332 eP 23 06.37 -1.1
TIC 77.64 84 P 23 08.70 -1.1
1.1s 20.50nm 5.1mb
LIC 77.65 84 P 23 08.58 -1.3
1.0s 22.50nm 5.2mb
KIC 77.93 84 P 23 10.18 -1.2
0.9s 15.50nm 5.1mb

MAL 78.92 53 iPc 23 19.50 3.1X
iS 33 20.00
SVW 78.92 332 iPc 23 14.66 -1.3
1.2s 62.12nm 5.5mb
IMA 79.38 337 iPc 23 17.52 -1.0
1.2s 12.78nm 4.8mb
DAG 81.17 12 iPd 23 26.20 -1.5
1.2s 34.38nm 5.3mb
Z 18s 3.44um 5.8Msz

EKA 81.59 35 Pd 23 29.50 -0.7
1.2s 39.20nm 5.3mb
LPF 82.24 42 eP 23 33.80 0.1
1.0s 26.20nm 5.3mb
GRR 82.38 42 eP 23 34.80 0.3
1.0s 24.00nm 5.3mb
FLN 82.66 41 eP 23 36.30 0.4
1.0s 41.00nm 5.5mb
Z 20s 0.65um 5.0Msz

MFF 82.76 44 eP 23 36.80 0.3
0.9s 20.80nm 5.3mb
LDF 82.88 42 eP 23 37.60 0.5
1.1s 44.70nm 5.6mb
EPF 82.94 47 eP 23 38.30 0.7
1.4s 27.00nm 5.2mb
EBR 82.97 49 eP 23 40.00 2.3
TCF 84.37 44 eP 23 44.90 0.1
1.2s 26.50nm 5.3mb
MAF 84.62 44 eP 23 46.30 0.3
1.2s 20.55nm 5.2mb

BGF 84.82 44 eP 23 47.00 0.1
1.2s 45.20nm 5.6mb
AVF 85.17 43 eP 23 48.50 -0.2
1.1s 16.85nm 5.2mb
SSF 85.28 43 eP 23 49.00 -0.2
0.8s 7.95nm 5.0mb
SMF 85.51 44 eP 23 50.20 -0.2
1.0s 15.00nm 5.1mb
LOR 85.52 43 eP 23 50.30 -0.2
0.8s 10.90nm 5.1mb
Z 19s 0.85um 5.2Msz

LBF 85.60 43 eP 23 50.40 -0.5
1.1s 10.00nm 4.9mb
DOU 86.01 40 Pc 23 53.20 0.4
S 34 29.00
ENN 86.85 39 eP 23 57.00 0.1
0.7s 12.00nm 5.2mb
WLF 87.02 41 P 23 59.00 1.3
WTS 87.38 38 eP 24 00.00 0.6
0.8s 34.00nm 5.7mb
BSF 87.50 42 eP 24 00.00 -0.3

LPL	0.9s 87.54 0.9s	9.50nm 45 eP 7.20nm	24 00.07 -0.6 5.0mb	POO 148.58 46 ePKP 30 51.00 -5.9X GYA 149.13 343 PKP 30 58.00 0.3 Z 30s 1.56um 5.6MszX	Mo=3.2*10**18 Nm (PPT). CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 36S, 85C Centroid Location: Origin Time 12:03:36.0 0.4 Lat 19.35S 0.04 Lon 169.85E 0.02 Dep 15.0 FIX Half-duration 2.8 Moment Tensor: Scale 10**18 Nm Mrr=-0.40 0.02 Mtt=-0.57 0.03 Mff= 0.96 0.03 Mrt= 1.18 0.08 Mrf= 0.50 0.07 Mtf=-1.27 0.02 Principal Axes: T Val= 1.69 Plg= 5 Azm= 58 N 0.50 54 321 P -2.19 36 152 Best Double Couple:Mo=1.9*10**18 NP1:Strike=189 Dip=62 Slip=-23 NP2: 291 70 -150
CDF	87.80	42 eP	24 01.70 0.0	CGP 150.13 293 ePKPd 31 04.00 4.7X	PVC 2.04 323 iPd 04 04.00 0.2
NB2	89.28 1.3s	29 P 17.60nm	24 09.10 0.7 5.2mb	KMI 151.35 349 ePKP 31 02.00 0.8 pPKP 31 06.50	BKM 2.13 323 iPd 04 04.00 -0.4 DZM 3.98 227 iPd 04 30.10 -1.3
GRF	90.31 Z 24s	40 ePd 0.10um	24 19.00 5.6X 4.2MszX	MBL 151.52 229 ePKP 31 05.70 4.5X GBA 154.37 49 PKP 31 05.60 0.3 CHG 158.09 355 ePKP 31 09.20 -0.9 S.D. = 1.0 on 160 of 182 obs.	SVA 8.49 83 iPd 05 35.50 0.5 VUN 8.52 82 ePd 05 34.60 -0.7 MBU 9.00 76 ePc 05 42.10 0.0 HNR 13.60 315 eP 06 44.00 -0.4 SVO 13.90 316 eP 06 47.00 -1.3 OUZ 16.17 168 eP 07 19.00 1.3 WCZ 17.02 167 eP 07 30.30 1.8 BRS 17.36 240 iPd 07 34.70 1.8
CLL	91.27	39 eP	24 19.00 1.2	% OCT 19, 1992 11h 01m 49.15± 1.62s 31.346 S ±11.3km 68.718 W ±14.6km DEPTH = 122.9 ± 14.9 km SAN JUAN PROVINCE, ARGENTINA (137)	i 07 37.50 i 07 41.50 i 07 50.50 i 08 12.50 i 09 23.50 iS 10 15.00 i(S) 11 00.00 i 12 45.00 i 13 40.50
KHC	91.90 Z 20s N 20s E 20s	41 eP 1.50um 0.30um 1.10um	24 21.00 0.2 5.4Msz	RTC8 0.16 207 iPd 02 06.30 -0.3 S 02 18.50 RTLL 0.21 86 iPc 02 06.00 -0.7 CFA 0.48 123 iPc 02 07.80 0.2 S 02 20.20 RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	KUZ 18.11 164 P 07 43.50 1.4 1.0s 530.00nm 5.6mb AFI 18.66 76 eP 08 00.00 11.0X eS 11 36.00 WLZ 19.15 165 eP 07 54.70 -0.1 MOZ 19.58 168 eP 07 59.80 -0.1 ARMA 19.62 232 iPc 08 01.60 1.0 1.0s 771.00nm 5.9mb TAZ 19.72 164 eP 08 03.00 1.6 PATZ 19.80 164 eP 08 03.40 1.2 URZ 19.91 162 eP 08 02.30 -1.0 1.0s 451.00nm 5.7mb WHH 20.33 164 P 08 09.10 1.2 NGZ 20.40 167 eP 08 09.40 0.8 CNZ 20.41 167 P 08 09.90 1.2 RMQ 20.44 246 iPd 08 10.10 1.1 i 08 30.10
BRG	91.92 1.2s	39 iP 22.00nm	24 15.00 -5.8X 5.4mb	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	PAHZ 20.45 163 eP 08 09.30 0.2 NOZ 20.52 161 P 08 08.80 -0.9 MOH 20.74 163 eP 08 11.70 -0.3 BSZ 20.86 168 eP 08 13.10 -0.1 TTH 21.03 164 eP 08 14.90 -0.1 WAHZ 21.07 165 P 08 14.80 -0.6 QRZ 21.52 174 eP 08 20.60 0.7 1.1s 712.00nm 6.0mb MNG 21.76 168 eP 08 20.60 -1.7 0.8s 409.00nm 5.9mb RIV 21.83 225 iPc 08 25.80 2.8 Z 20s 6.10um 5.0Msz e 08 38.00 iS 12 30.00
GEC2	92.01 0.9s	41 P 1.16nm	24 20.90 -0.5 4.2mb	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	KIW 21.89 169 eP 08 24.20 0.6 PGZ 21.92 166 eP 08 22.50 -1.4 0.8s 302.00nm 5.8mb CTA 21.98 264 P 08 26.79 2.1 TCW 22.12 171 eP 08 25.80 -0.1 CAW 22.15 169 P 08 26.20 -0.1 MTW 22.28 168 P 08 27.20 -0.3 SNZO 22.29 170 P 08 21.50 -6.0X PP 09 04.00 S 12 25.00
SPA	93.14 1.2s Z 20s	180 iPc 64.79nm 0.99um	24 27.40 1.2 5.9mb 5.3Msz	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	DSZ 22.37 176 eP 08 29.80 1.4 1.3s 1000.00nm 6.1mb THZ 22.48 174 P 08 30.70 1.1 1.3s 246.00nm 5.5mb
NVL	94.54 2.0s Z 18s N 18s E 18s	161 eP 50.00nm 1.20um 0.40um 1.00um	24 31.00 -1.4 5.6mb 5.4Msz	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
BCAO	101.17 1.0s	iPd iff 25 5.00nm	04.90 1.2 5.1mb	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
ZAK	126.40 1.4s	355 ePKP 11.00nm	30 05.60 -10.1X 32 09.70	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
STK	129.37 0.8s	231 ePKP 3.50nm	30 20.80 -1.1	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
FRU	129.92 1.8s	21 ePKP 40.00nm	30 24.00 1.3	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
WMQ	132.48 Z 26s N 22s	9 ePKP 2.67um 2.40um	-1.1 5.8MszX	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
BJI	133.57 N 18s	340 ePKP 0.82um	-0.6	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
HHC	134.24 Z 26s N 21s E 20s	345 PKP 2.54um 1.60um 0.96um	30 31.80 0.7 5.8MszX	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
TIY	136.91 Z 26s N 25s E 25s	342 ePKP 2.97um 4.06um 1.96um	-1.0 5.9MszX	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
GTA	137.57 Z 24s E 20s	357 PKP 2.41um 1.61um	-0.5 5.9MszX	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
LZH	140.45 Z 26s E 20s	351 ePKP 1.50um 0.86um	-4.8X 5.6MszX	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
XAN	141.35 Z 22s N 20s	344 ePKP 2.50um 2.80um	-5.5X 5.9Msz	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
NDI	143.04	30 ePKP	-2.4	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
WARB	143.54	228 ePKP	-4.3X	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
COOL	144.26	217 ePKP	-3.5X	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
CD2	145.53 Z 24s	350 PKP 1.12um	-0.5 5.6MszX	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
KLB	145.65	212 ePKP	-1.8	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
MUN	146.15 1.0s	210 ePKP 100.00nm	-1.6	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
KNA	146.39	246 ePKP	0.4	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
GKN	146.79 1.3s	20 PKP 224.00nm	-1.2	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
BAL	146.98	212 ePKP	0.0	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
KKN	147.20 0.8s	20 PKP 125.00nm	-0.4	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
GUN	147.29	19 PKP	0.8	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
DMN	147.31	20 PKP	0.5	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
PKI	147.45	19 PKP	0.3	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	
MRWA	148.45	213 ePKP	0.6	RTCV 0.54 163 iPd 02 08.00 0.1 S 02 20.90 RTBS 0.70 243 eP 02 09.80 0.8 MDZ 1.54 184 eP 02 39.90 22.3X RTPR 2.16 62 eP 02 25.90 0.7 RFA 3.42 177 ePc 02 41.50 -0.4 (S) 03 20.70 TCA 3.53 91 iP 02 43.70 0.3 (S) 03 22.40 CYA 3.85 42 eP 02 47.00 -0.6 S.D. = 0.7 on 9 of 10 obs.	

19d 12h

MOW	22.49	169	eP	08	28.90	-0.7	RKT	51.55	105	iP	12	35.80	-1.2	E	16s	1.71um				
RAB	22.74	309	eP	08	32.00	-0.3		1.4s	195.00nm				5.8mb			S	24	38.00		
			iS	12	40.00		MHA	51.86	43	(P)	12	40.05	0.7	CN2	74.76	328	P	15	09.20	-1.2
KHZ	23.20	173	eP	08	36.00	-0.5	HKL	52.02	42	(P)	12	41.29	0.3		1.0s	49.00nm		5.5mb		
	0.9s	271.00nm				5.8mb	TSM	56.04	289	eP	13	10.00	-0.2	Z	27s	9.99um		6.0MszX		
LTZ	23.44	175	P	08	39.50	0.6	TRT	56.35	274	ePc	12	56.20	-16.3X	N	14s	2.09um				
	0.7s	269.00nm				5.9mb	KKM	58.30	290	eP	13	34.00	7.7X	E	14s	0.84um				
PMG	23.86	291	eP	08	43.00	-0.1	SBA	58.52	181	ePc	13	27.00	0.1			eP	15	22.00	44kmX	
	1.9s	1463.16nm				6.2mb	CSY	60.13	204	eP	13	36.80	-1.4			eS	24	46.00		
CNB	23.90	224	iPc	08	44.70	1.2		0.7s	52.70nm				5.8mb	LOE	76.02	294	iPc	15	22.80	4.7X
	0.9s	372.00nm				5.9mb	KAKJ	61.90	333	eP	13	49.80	-0.7	GYA	76.18	305	P	15	19.20	0.2
BWA	24.03	227	eP	08	44.30	-0.4	CHJJ	62.28	332	eP	13	52.10	-0.9		1.2s	35.00nm		5.3mb		
			iP	08	51.40	25km	MAT	63.04	332	eP	13	57.00	-1.1	Z	24s	2.91um		5.5MszX		
EWZ	24.08	178	P	08	46.50	1.5		1.3s	38.46nm				5.4mb	N	18s	4.43um				
CAN	24.14	225	eP	08	47.10	1.3	Z	20s	3.19um				5.5Msz	E	18s	1.28um				
			iP	08	54.70	27km			eS							PP	18	11.00		
QLP	24.39	248	iPc	08	49.30	1.0	TSRJ	63.24	330	eP	14	00.40	1.0			S	25	04.00		
	1.0s	2846.00nm				6.8mb X	MTMJ	63.25	332	eP	13	59.20	-0.4			SKS	25	22.00		
BWZ	25.08	180	eP	08	54.30	-0.3	NIIJ	63.27	333	eP	13	59.50	-0.1	NST	76.67	292	eP	15	24.50	2.7
LAT	25.34	297	eP	08	57.70	0.3	KUMJ	63.57	324	eP	14	01.60	0.0	TIY	78.17	317	eP	15	30.40	0.6
TUZ	26.50	180	P	09	08.70	0.9	YAMJ	63.63	334	eP	14	01.50	-0.5						6.0Msz	
TOO	27.75	224	eP	09	19.20	-0.2	SHK	64.09	327	eP	14	04.00	-1.0	Z	19s	6.14um				
	1.2s	266.00nm				5.8mb	SHNJ	64.61	325	eP	14	07.90	-0.5	N	15s	1.61um				
STK	28.06	238	eP	09	22.50	0.3	HOJJ	66.08	339	eP	14	15.90	-1.8	E	17s	2.33um				
	0.9s	10.00nm				4.6mb X	KUSJ	66.26	340	eP	14	17.90	-0.9			S	25	22.50		
			eS	14	16.60		OZH	66.36	310	Pc	14	22.00	2.1	BDT	78.31	293	eP	15	30.00	-0.8
OIS	28.19	262	eP	09	22.50	-1.1	Z	20s	3.36um				5.5Msz		1.0s	41.40nm		5.4mb		
RAR	28.77	99	P	09	32.00	3.3X			S					MAW	78.42	202	iPc	15	30.40	-0.2
			S	14	48.00		MRRJ	66.90	337	eP	14	26.50	3.6X		1.0s	72.00nm		5.7mb		
ADE	31.39	234	e(P)	09	53.00	1.0	KUR	67.28	344	eP	14	24.00	-1.3	Z	14s	6.00um		6.1MszX		
ASPA	33.42	256	iPc	10	07.60	-2.2		0.6s	230.00nm				6.5mb	XAN	78.46	312	P	15	31.40	0.0
	0.8s	145.50nm				6.6mb	SAP	67.36	338	eP	14	29.00	3.2X		1.0s	32.00nm		5.3mb		
MTN	37.46	274	eP	10	42.00	-2.2	ASAJ	67.84	339	eP	14	28.70	-0.2	Z	20s	3.94um		5.7Msz		
TBI	38.25	103	eP	10	48.00	-2.7	HKC	68.18	305	eP	14	35.00	3.6X	N	20s	4.67um				
	1.3s	165.00nm				5.7mb			S				23	36.00						
AFR	38.52	94	iP	10	50.80	-2.3	KGM	68.40	280	eP	14	34.00	1.0	E	20s	1.85um				
	1.5s	125.00nm				5.5mb	SSE	68.41	316	Pc	14	35.20	2.6			pP	15	44.00	43kmX	
PAE	38.69	94	iP	10	52.30	-2.2		1.0s	16.00nm				5.1mb	KMI	78.63	302	Pd	15	34.00	1.2
	1.5s	145.00nm				5.5mb	Z	20s	5.50um				5.8Msz		1.5s	210.00nm		6.0mb		
PPT	38.71	94	iP	10	52.50	-2.2	N	16s	1.40um					Z	26s	5.00um		5.7MszX		
	1.5s	205.00nm				5.6mb	E	14s	1.40um					N	11s	0.60um				
PPN	38.85	94	iP	10	53.60	-2.3			S					E	11s	0.90um				
	1.5s	135.00nm				5.5mb	QIZ	69.94	300	eP	14	40.00	-2.4			pP	15	41.00	22km	
TVO	38.98	95	iP	10	54.80	-2.2			ScS						S	25	32.00			
	1.5s	145.00nm				5.5mb	N	15s	1.87um					CHG	79.02	294	ePc	15	35.80	1.1
KNA	39.03	269	eP	10	56.90	-0.5			S						1.0s	33.75nm		5.3mb		
FORT	39.09	245	eP	10	58.00	0.3	YSS	70.39	341	iP+	14	46.00	1.5			eS	25	36.00		
WARB	40.03	252	eP	11	04.00	-1.7	Z	18s	2.50um				5.5Msz	HHC	80.55	319	P	15	43.00	0.4
	0.5s	35.00nm				5.3mb	N	18s	2.20um						1.0s	43.00nm		5.4mb		
GUA	40.76	322	eP	11	13.00	1.4	E	18s	1.40um					Z	24s	4.72um		5.8MszX		
	22s	16.25um				5.8Msz			ePPP					N	15s	1.57um				
PMO	40.77	91	iP	11	10.20	-1.5			eS					E	15s	0.70um				
	1.2s	215.00nm				5.7mb	NJ2	70.54	316	Pd	14	45.60	-0.1			SKS	25	53.50		
GUMO	40.82	322	eP	11	12.00	-0.1		1.0s	11.00nm				4.9mb	CD2	80.59	307	eP	15	43.80	0.8
	23s	11.81um				5.7MszX			pP						1.9s	280.00nm		6.0mb		
			eS	17	27.80		SPA	70.74	180	iPc	14	45.70	-1.0	Z	20s	4.59um		5.8Msz		
VAH	40.97	91	iP	11	12.90	-0.5		1.0s	277.50nm				6.3mb	E	12s	1.71um				
	1.2s	170.00nm				5.7mb	Z	20s	4.32um				5.7Msz			S	25	51.00		
TPT	41.04	91	iP	11	13.80	-0.1	SMY	71.92	3	eP	14	52.60	-0.9	MGD	80.66	351	ePd-	15	41.00	-1.6
	1.2s	195.00nm				5.7mb		0.9s	202.60nm				6.2mb		1.1s	60.00nm		5.5mb		
RUV	41.21	91	iP	11	15.20	-0.2	ADK	71.97	9	eP	14	53.50	-0.4	Z	20s	2.70um		5.6Msz		
	1.2s	225.00nm				5.8mb		1.5s	373.50nm				6.2mb	N	20s	2.50um				
COOL	45.02	245	eP	11	46.00	-0.3	WHN	72.69	312	eP	15	00.50	1.8			i	15	46.00		
KUPT	45.29	275	eP	11	51.50	3.0X	Z	20s	4.38um				5.7Msz			e	18	55.00		
	1.0s	221.90nm				6.1mb	E	18s	2.70um							eS	25	48.00		
MBL	46.56	259	eP	11	57.00	-1.5			S					BTO	81.36	318	P	15	47.50	0.6
	0.5s	85.00nm				6.0mb	PET	72.72	353	eP	14	58.00	-0.3	N	22s	3.77um				
MEEK	47.23	251	eP	12	02.00	-1.8			eS					E	21s	2.34um				
KLB	47.95	245	eP	12	07.00	-2.4			ePS							ePP	18	54.00		
	0.9s	180.00nm				6.1mb	DL2	73.33	323	P	15	02.80	0.6			S	25	59.00		
RKG	48.72	241	eP	12	13.00	-2.3		1.0s	170.00nm				6.0mb	PAF	81.43	221	eP	15	55.00	8.0X
BAL	48.83	246	eP	12	13.50	-2.7	Z	25s	5.48um				5.7MszX			eS	26	12.00		
MUN	49.28	244	eP	12	19.00	-0.6	N	14s	2.68um							eSS	31	19.00		
	1.0s	136.00nm				5.9mb			S							e	33	31.00		
MRWA	49.46	248	eP	12	20.50	-0.6	MDJ	73.41	331	Pc	15	02.40	-0.1	KDC	83.06	19	eP	15	54.70	-0.4
NANU	50.36	256	eP	12	27.00	-1.0		1.2s	76.00nm				5.6mb	LZH	83.07	312	Pc	15	57.00	1.0
	0.8s	171.00nm				6.1mb			PcP						2.0s	190.00nm		5.9mb		
MKS	50.76	279	iPc	12	32.00	0.8			S					Z	24s	3.79um		5.7MszX		
	1.0s	166.40nm				5.9mb	TIA	74.27	318	Pd	15	07.80	0.0	N	15s	1.22um				
DRV	50.98	195	eP	12	30.80	-1.3		1.0s	66.00nm				5.6mb			pP	16	01.50	14km	
			S	19	52.00		N	15s	2.62um							sP	16	04.50		
			SS	23	56.00		E	17s	2.34um							PP	19	10.00		
HON	51.40	40	P+	12	43.91	8.1X			S							SKS	26	16.00		
	20s	26.24um				6.3Msz	SNY	74.29	326	Pd	15	07.40	-0.3			sS	26	30.00		
			S	20	11.80		Z	22s	5.01um				5.8Msz	SVW	84.94	16	eP	16	05.40	0.7
DHH	51.48	40	eP	12	37.21	0.7	N	15s	1.44um					PCC	85.36	48	eP	16	08.24	1.1

PRS	85.52	49	iPd	16	09.30	1.2	1.9s	174.00nm	6.0mb	Z	20s	3.69um	6.0Msz							
NTYM	85.59	47	(P)	16	09.43	1.1		e	28	39.00	ASH	118.19	303	ePKP	22	17.00	-0.6			
EKR	85.72	44	iPd	16	17.09	8.2X		eSS	33	41.00	KAT	119.88	305	iPKP+	22	28.00	7.2X			
ARN	85.88	48	eP	16	10.23	0.3	IRK	91.02	326	ePc	16	34.20	0.3	i	23	48.00				
ANM	85.88	11	eP	16	07.50	-1.8		2.0s	75.00nm	5.7mb				e	29	09.00				
BCH	85.92	51	eP	16	11.48	1.2			ePPP	22	08.00			ePS	33	30.00				
			epP	16	17.44	19km			eS	27	05.00			eSS	40	26.00				
PRJ	85.94	50	iPd	16	11.52	1.2			e	28	42.00	LVNJ	121.66	54	ePKP	22	22.17	-2.0		
SLKM	85.98	19	eP	16	09.69	-0.2	TUC	91.81	56	ePd	16	39.15	1.0	RSNY	121.68	49	ePKP	22	22.80	-1.3
PHAM	85.99	50	(P)	16	11.55	1.1		1.2s	53.35nm	5.8mb	Z	21s	4.52um	6.1Msz						
CRP	86.02	17	eP	16	09.03	-1.2			epP	16	45.65	20km	TBR	122.06	53	(PKP)	22	23.63	-1.3	
CIT	86.15	329	eP	16	12.00	1.1	ARUT	91.87	51	eP	16	39.53	1.1	PPD	122.61	134	ePKP	22	25.50	-1.0
PKEM	86.30	50	(P)	16	14.94	3.0X	MOY	92.51	325	eP	16	41.00	0.2	APA	124.51	341	iPKPd	22	22.40	-6.4X
ABL	86.40	51	eP	16	13.59	0.8	DPW	92.85	40	eP	16	43.18	0.6	KEV	124.77	345	ePKP	22	33.00	3.8X
WDC	86.73	45	eP	16	14.85	0.9	MSU	93.07	50	eP	16	45.25	1.2	VAO	124.78	138	(PKP)	22	30.00	-0.8
	1.3s	53.43nm	5.6mb				DUG	93.25	49	eP	16	45.47	0.8	BUL	125.18	226	iPKPd	22	30.50	-1.2
Z	21s	8.16um	6.1Msz					1.2s	9.89nm	5.1mb				0.7s	11.64nm					
ORV	86.94	46	iPd	16	20.89	19km	BRW	93.38	10	eP	16	43.51	-0.9		ipP	22	34.50			
CMB	87.00	48	eP	16	15.52	0.5	DAU	94.44	49	eP	16	50.74	0.4	SHE	125.71	307	iPKPc	22	32.50	0.5
	1.0s	36.52nm	5.6mb						ePP	20	44.37			1.0s	50.00nm					
Z	21s	7.99um	6.1Msz				SRU	94.49	50	eP	16	50.83	0.3		i	24	32.00			
FRI	87.01	49	iPd	16	15.31	0.0	EMUT	94.53	49	eP	16	51.46	0.7		iPS	34	23.00			
YAK	87.09	342	iPc	16	15.20	0.0	HHA1	94.73	46	(P)	16	52.94	1.5		iSS	41	38.00			
	1.8s	349.00nm	6.3mb						ePP	20	46.37		GRO	127.58	310	iPKPc	22	35.00	-0.5	
		iS	26	41.00			TIK	94.94	348	eP	16	51.00	-0.6		1.0s	110.00nm				
PMR	87.16	18	e(P)	16	14.10	-1.4		2.0s	41.00nm	5.5mb			Z	20s	2.00um	5.8Msz				
	1.0s	43.40nm	5.7mb				Z	19s	3.00um	5.8Msz			N	20s	2.50um					
Z	20s	3.50um	5.8Msz						e	20	39.00		E	20s	3.00um					
MIN	87.24	46	eP	16	16.29	-0.3			e	27	16.00			i	24	42.00				
SSK	87.26	52	eP	16	17.25	0.4			ePS	29	22.00			e	29	40.00				
ISA	87.31	51	eP	16	17.54	0.6			eSS	34	35.00		TAB	127.68	303	ePKP	22	37.00	0.9	
	1.0s	33.53nm	5.6mb				LRM	95.63	43	eP	16	59.70	4.0X		i	25	54.00			
Z	21s	7.33um	6.1Msz				ALQ	96.11	55	eP	16	58.10	0.1	LMN	128.32	46	ePKPc	22	38.20	1.3
		epP	16	24.09	21km			1.1s	16.12nm	5.4mb			MTA	128.47	308	ePKP	22	37.00	-0.2	
GTA	87.47	313	eP	16	18.00	0.3		Z	19s	2.75um	5.8Msz				e	24	41.00			
	1.2s	94.00nm	5.9mb				UER	96.33	323	ePc	16	56.80	-1.5	ERE	128.89	306	iPKP+	22	38.00	-0.2
Z	20s	4.04um	5.8Msz					2.3s	28.00nm	5.3mb			Z	22s	1.30um	5.6Msz				
E	16s	1.69um							eS	27	36.00			e	24	49.00				
PLM	87.52	53	eP	16	18.46	0.3	GBA	96.41	282	P	17	00.70	1.3	MOS	128.99	327	ePKP	22	43.00	5.3X
		ipP	16	25.40	22km		WMQ	97.55	314	eP	17	04.00	-0.1		e	24	49.00			
PEC	87.52	53	eP	16	17.86	-0.1		1.5s	40.00nm	5.8mb			BDF	129.27	131	ePKPd	22	39.90	0.2	
	1.4s	40.02nm	5.5mb				Z	23s	5.04um	5.9MszX				e	22	44.50				
							N	14s	1.35um					e	22	47.60				
LBFM	87.53	45	eP	16	16.98	-1.1			PP	21	04.00			e	22	53.00				
KLU	88.07	20	eP	16	19.09	-1.0	SES	98.16	39	eP	17	15.00	8.3X		e	23	07.30			
GSC	88.39	52	eP	16	22.14	0.0	GOL	98.45	51	P	17	05.98	-2.5	NAI	129.33	252	ePKP	22	36.00	-4.0X
BONR	88.44	49	eP	16	23.13	0.5		Z	21s	2.85um	5.7Msz		PYA	129.34	311	ePKP	22	42.00	3.1X	
NVL	88.76	187	iPd+	16	21.40	-1.8	YKA	100.64	27	Pdiff	17	17.70	0.1		Z	20s	1.50um	5.7Msz		
	1.2s	127.00nm	6.1mb					1.0s	6.00nm	5.1mb				i	24	48.00				
Z	16s	8.50um	6.3MszX				NDI	101.07	297	ePdiff	17	24.00	3.6X	KIV	129.61	311	ePKP	22	38.20	-1.3
N	16s	4.50um							ePP	21	34.00			2.1s	89.00nm					
E	16s	10.60um							eS	28	02.00			e	24	46.80				
		ePcP	16	29.00			PRZ	103.68	310	ePdiff	17	39.50	7.6X		e	29	50.70			
		e	16	45.00					e	21	50.00		OBN	129.79	327	iPKPd+	22	39.00	-0.3	
		eSKS	26	48.00			MBC	104.30	14	ePdiff	17	39.50	5.9X		Z	20s	2.00um	5.8Msz		
		eS	27	05.00			NR1	105.02	339	ePdiff	17	40.00	3.1X		N	22s	1.40um			
		eSS	32	15.00				1.8s	25.00nm	5.8mb				i	24	52.00				
		eSSS	35	23.00					e	21	55.00			eSS	42	16.00				
SIT	88.92	27	P	16	30.00	6.0X			e	28	16.00		PUL	130.29	334	ePKPd	22	43.00	2.9X	
	Z	19s	4.81um	5.9Msz					e	29	27.00			e	27	45.00				
BALM	88.92	21	eP	16	23.05	-1.1	FVM	109.36	56	PKP	22	10.00	9.2X	KAF	130.32	338	ePKP	22	42.90	2.8
GLA	88.95	54	eP	16	25.85	1.0		Z	19s	7.46um	6.3Msz		SOC	131.80	312	iPKP	22	44.50	1.0	
KVN	89.06	48	(P)	16	27.23	1.8	SLM	109.62	55	PKP	22	10.00	8.8X		e	25	05.00			
BMW	89.16	40	(P)	16	27.27	1.7		Z	19s	2.42um	5.8Msz		NUR	131.99	338	ePKP	22	43.00	-0.3	
TNP	89.27	49	eP	16	26.96	0.5	LPA	109.63	140	iPKP-	21	56.00	-5.4X		eS	26	08.00			
	1.6s	108.06nm	5.9mb					Z	22s	4.44um	6.0Msz		ANN	133.13	314	ePKP	22	48.00	2.0	
		epP	16	33.37	20km		JFWS	110.25	50	PKP	22	10.00	7.7X		Z	24s	3.50um	6.0MszX		
TPNV	89.48	50	eP	16	28.25	0.8		Z	22s	7.36um	6.2Msz			N	24s	2.50um				
	0.8s	31.08nm	5.6mb				BRVK	110.81	320	ePKP	22	00.00	-3.0X		E	24s	3.60um			
IMA	89.58	14	eP	16	27.40	0.2	CNCB	112.95	119	ePKP	22	20.00	11.1X			e	25	14.00		
	1.3s	26.80nm	5.3mb						i	22	55.00		MNK	134.94	329	iPKP	22	50.00	0.9	
SHW	89.63	40	(P)	16	28.77	0.9	LPB	112.99	118	ePKP	22	19.00	10.2X		Z	22s	3.50um	6.0Msz		
LSA	89.89	302	P	16	30.00	0.1		Z	24s	2.48um	5.7MszX		SIM	135.25	315	ePKP	22	52.00	2.0	
		sP	16	45.00					LR	56	14.00			Z	28s	3.00um	5.9MszX			
GMW	89.95	39	eP	16	29.44	0.3	SVE	116.37	325	iPKP	22	11.00	-2.6	NB2	135.67	345	PKP	22	54.00	3.6X
PGC	90.11	38	eP	16	31.00	1.2		2.5s	70.00nm						0.7s	3.10nm				
	1.2s	64.00nm	5.7mb						e	23	24.00		HRI	136.72	298	ePKP	22	51.10	-2.3	
FBA	90.12	17	eP	16	28.40	-1.2			e	33	05.00		JVI	137.20	296	ePKP	22	51.50	-2.7	
	0.9s	33.40nm	5.6mb						e	39	27.00		PDCR	137.50	136	ePKP	22	53.40	-1.8	
LON	90.15	40	eP	16	30.34	0.2	MAIO	117.16	301	ePKP	22	15.00	-0.9	MBH	137.77	293	ePKP	22	52.80	-2.6
VGB	90.20	41	(P)	16	30.66	0.2	ARU	117.53	324	ePKP	22	14.00	-1.8	CSS	138.45	301	ePKP	22	55.00	-1.4
SNA	90.36	183	iPd	16	30.30	-0.4			e	22	22.00		CLI	138.97	320	ePKPc	22	57.00	0.0	
	0.9s	198.32nm	6.4mb						e	23	25.00		COP	139.88	340	ePKP	23	01.00	2.8	
MCW	90.48	38	eP	16	32.31	0.7	MCWV	117.75	55	PKP	22	30.00	13.2X		Z	20s	2.13um	5.9Msz		
RMW	90.49	3																		

S.D. = 1.3 on 323 of 417 obs.

OCT 19, 1992 12h 40m 30.15± 0.21s
44.125 N ± 2.6km 18.461 E ± 2.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 4.4 (TRI), 4.1 (THE), 4.0
(VIE), ML 4.0 (TTG). Felt
strongly at Sarajevo, Bosnia-
Hercegovina.

PLE	1.04	139	iPgc	40	50.49	0.6
			iSg	41	05.68	
BRY	1.22	177	iPg d	40	52.21	-0.8
			iSg	41	09.91	
NKY	1.37	163	iPg d	40	55.50	0.1
			iSg	41	15.20	
IVA	1.63	140	iPnc	41	00.74	1.7
			iSn	41	24.54	
HCY	1.68	179	iPnd	41	00.20	0.5
			iSn	41	24.58	
TTG	1.79	161	iPnc	41	02.36	1.1
			iSn	41	27.83	

BDV	1.86	172	ePn	41	02.98	0.6	MME	5.58	273	P	41	55.65	0.1	EBL	16.17	182	eP	23	47.80	-4.6X
			iSn	41	29.04		PAIG	5.72	135	ePn	41	55.36	-1.8	EKA	16.62	182	P	23	57.00	-0.9
PVY	1.89	144	iPnc	41	04.43	1.6	WTTA	5.72	366	iPnd	41	57.80	0.5		1.3s	25.90nm				4.2mb
			iSn	41	30.93					i	41	58.30		DMU	18.17	189	eP	24	22.00	4.7X
ULC	2.24	165	iPnd	41	08.91	1.1				iSn	43	07.60		DCN	18.74	190	eP	24	27.00	2.7X
			iSn	41	38.39		PII	5.75	269	P	41	57.20	-0.3	DLF	18.75	188	eP	24	24.00	-0.4
ZAG	2.44	315	ePn	41	16.20	5.6X	ISR	5.86	77	eP	41	57.50	-1.6	ETA	19.34	188	eP	24	36.00	4.4X
			iPb	41	19.80		AGG	5.87	149	ePn	41	58.16	-1.1	ECP	19.86	188	eP	24	33.00	-4.3X
			iPg	41	21.20		OGA	5.90	380	eP	42	00.40	0.5	WTS	20.34	164	eP	24	42.50	0.1
			iSn	41	47.00		KHC	6.03	328	Pn	42	02.00	0.5		1.4s	115.00nm				5.0mb
			iSg	41	54.40					e	42	18.10		ENN	21.49	166	eP	24	52.50	-1.7
UZD	2.47	2	ePn	41	11.20	0.2				e	42	24.00			1.2s	69.00nm				4.9mb
VBV	2.67	302	ePnd	41	14.30	0.4				Sn	43	12.50		SNF	21.63	169	P	24	58.40	2.8X
			i	41	16.10		VRI	6.11	71	eP	42	00.00	-2.7	CLL	21.72	154	iP	24	56.40	-0.1
			i	41	20.20		OJC	6.17	8	eP	42	03.24	-0.2		1.9s	120.00nm				5.0mb
			iSn	41	47.10					e	42	06.70		DOU	22.07	168	P	24	59.70	-0.3
			iSb	41	52.40					e	43	14.40		MOX	22.18	156	eP	25	00.80	-0.4
			iSg	41	55.80		SOI	6.31	198	P	42	04.70	-0.8		1.8s	134.00nm				5.1mb
SKO	3.07	134	iPn	41	20.00	0.5	WET	6.32	325	eP	42	07.00	1.3	TNS	22.25	162	ePd	25	03.40	1.5
	0.8s	147.00nm	i	41	28.30		OSS	6.39	297	P	42	07.15	0.3		ic			25	07.30	
			iSg	42	17.00		FUR	6.42	312	eP	42	07.60	0.5	BRG	22.27	152	eP	25	00.60	-1.5
CEY	3.29	301	ePn	41	23.00	0.2	MDI	6.43	288	P	42	05.30	-1.8		1.5s	52.00nm				4.8mb
			eSg	42	12.50		PRU	6.45	337	Pn	42	16.00	8.6X	HOF	22.54	156	iPd	25	06.20	1.4
BRT	3.38	196	P	41	23.90	-0.1	ALN	6.47	117	ePn	42	05.44	-2.2	WLF	22.60	166	P	25	06.00	0.7
			eSn	42	03.60		BOB	6.48	279	P	42	06.84	-1.2	KSP	22.66	149	ePd	25	04.60	-1.3
LJU	3.38	306	ePn	41	24.00	0.0	VDL	6.77	294	P	42	13.75	1.6		1.4s	86.00nm				5.1mb
			ePb	41	33.50		KSP	6.88	348	eP	42	14.50	1.0	GRF	23.07	158	eP	25	13.60	3.6X
			ePg	41	35.00					iPg	42	22.80		MOS	23.16	113	eP	25	13.00	2.3
			eSg	42	22.40					eS	43	16.60			Z	16s	4.00um			5.0mszX
BUD	3.38	6	ePn	41	24.00	0.0	TMA	7.07	290	P	42	16.34	0.0	N	15s	4.80um				
DEV	3.61	59	iPd	41	31.00	3.7X	CKI	7.31	276	P	42	17.60	-2.0					25	29.00	
TRI	3.69	297	ePn	41	27.90	-0.6	BRG	7.41	337	e(P)	42	19.00	-1.9	FLN	23.20	177	eP	25	10.20	-1.0
			iPg	41	39.00					e	42	51.00			1.0s	31.60nm				4.8mb
			iSn	42	14.30					e	44	03.00		PRU	23.22	152	P	25	12.00	0.6
			iSg	42	33.00		GRF	7.45	321	e(Pn)	42	21.00	-0.5		1.6s	48.60nm				4.8mb
VOY	3.76	302	ePn	41	29.20	-0.3				e(Pg)	42	53.00						25	18.70	
			e	41	38.40					e(Sg)	44	12.50		LDF	23.38	177	eP	25	11.70	-1.2
			eSn	42	14.90		ORO	7.60	285	P	42	19.30	-4.3X		0.6s	21.00nm				4.9mb
			eSg	42	34.40		ZLA	7.80	299	P	42	27.21	0.8	OBN	23.42	115	iPc	25	13.00	-0.2
VTS	3.79	112	eP	41	30.00	0.0	SLE	7.84	301	P	42	24.79	-2.2		1.2s	88.00nm				5.2mb
DUI	3.84	231	P	41	31.60	1.0	MOX	8.01	327	ePn	42	29.60	0.4	GRR	23.57	178	eP	25	13.00	-1.8
PSZ	3.92	14	ePn	41	31.30	-0.5				iSg	44	27.00			1.1s	60.55nm				5.1mb
FNA	3.97	146	ePn	41	32.76	0.3	DIX	8.06	288	P	42	31.96	1.7	OJC	23.88	144	eP	25	16.90	-0.8
			eSn	42	21.48		FEL	8.18	301	eP	42	28.69	-3.2X					25	18.90	
ARV	4.04	263	P	41	33.20	-0.2	EMS	8.39	287	P	42	34.29	-0.5	KHC	23.93	154	Pc	25	20.60	2.3
KKB	4.07	122	iPd	41	35.00	1.2	BNI	8.46	280	P	42	31.60	-4.2X		1.6s	32.50nm				4.7mb
AQU	4.10	246	P	41	34.10	-0.1	ABH	9.42	312	eP	42	47.20	-1.6					25	24.00	
			eSn	42	23.00													26	08.00	
VAY	4.12	131	iPn	41	35.30	0.8								LPF	23.93	178	eP	25	17.30	-0.9
ZST	4.18	347	ePn	41	35.10	-0.2									1.1s	96.20nm				5.3mb
			i	41	37.20									CDF	23.94	164	P	25	20.09	1.7
			i(Sn)	42	26.80									WLS	23.94	164	P	25	20.40	2.0
			Lg	42	51.00									VITF	24.03	167	P	25	21.29	2.1
SDI	4.18	236	P	41	35.20	-0.2								ECH	24.12	165	P	25	21.65	1.5
DRA	4.19	80	eP	41	54.00	18.5X	JAN MAYEN ISLAND REGION							VRAC	24.20	149	iPc	25	22.60	1.8
GRG	4.30	136	ePn	41	37.04	-0.1	JNE	2.18	249	eP	20	39.05	-1.4		2.6s	541.80nm				5.7mb
ASS	4.34	258	P	41	37.90	0.2	JNW	2.20	250	eP	20	39.47	-1.3	GEC2	24.22	154	e(P)	25	29.00	7.8X
VKA	4.40	341	iPnd	41	40.50	2.0	JMI	2.33	249	eP	20	40.52	-2.2		1.0s	9.50nm				4.4mb
			iSn	42	32.70					eS	21	08.93		GEC2	24.22	154	Pd	25	21.10	-0.1
TNR	4.40	68	ePc	41	51.00	12.4X	LOF	6.53	117	eP	21	37.15	-5.0X		1.1s	8.14nm				4.3mb
MNS	4.57	250	P	41	40.20	-0.7	DAG	6.65	325	iPc	21	40.10	-3.6X	LIBD	24.22	164	P	25	23.36	2.3
MMB	4.63	121	iPd	41	43.00	1.2								HAU	24.27	166	eP	25	21.20	-0.4
KBA	4.65	311	iPnd	41	41.80	-0.4									0.9s	20.00nm				4.7mb
			i	41	42.90									BSF	24.47	165	eP	25	23.60	-0.1
			iSn	42	38.60		TRO	7.28	98	eP	21	47.42	-5.2X	MOF	24.48	165	P	25	25.47	1.7
			i	42	58.90		KTK1	8.92	96	eP	22	10.19	-5.3X	FEL	24.53	163	P	25	25.82	1.6
FVI	4.70	304	P	41	42.80	0.0	ARA0	9.38	91	P	22	16.17	-5.6X	LOR	24.84	170	eP	25	26.70	-0.4
CRE	4.73	266	P	41	44.00	0.7				S	23	54.55			0.9s	45.55nm				5.1mb
SFI	4.77	270	P	41	44.50	0.8	MOL	10.05	154	eP	22	26.07	-4.9X	SPC	24.95	144	eP	25	27.10	-1.2
IGT	4.80	162	ePnd	41	43.24	-0.9	SDF	10.79	100	iP	22	35.50	-5.7X	SSF	25.03	171	eP	25	28.50	-0.4
			eSn	42	44.44		HYA	11.23	159	eP	22	44.52	-2.7		0.7s	37.50nm				5.2mb
CMP	4.83	74	ePc	42	02.00	17.4X	NB2	12.06	148	P	22	49.30	-9.2X	LBF	25.13	170	eP	25	29.60	-0.3
SRS	4.83	127	ePn	41	44.28	-0.4									1.1s	56.15nm				5.2mb
PGD	4.87	269	P	41	45.75	0.4	NRA0	12.41	147	P	22	58.20	-4.8X	BHG	25.22	156	iPc	25	34.60	3.9X
SOH	4.90	131	ePn	41	45.28	-0.3				S	25	08.83		AVF	25.29	171	eP	25	31.00	-0.4
PLD	5.00	112	eP	41	40.00	-6.9X	KONO	13.14	153	eP	23	08.20	-4.6X		1.0s	40.20nm				5.1mb
LIT	5.01	142	ePnc	41	46.84	-0.4	HFS	13.35	144	eP	23	10.80	-4.7X	ZST	25.36	149	eP	25	34.90	2.9X
PVL	5.07	98	iPd	41	47.00	-0.9								MFF	25.37	177	eP	25	31.50	-0.6
CTI	5.19	294	P	41	49.60	-0.2									1.2s	86.90nm				5.3mb
RZN	5.20	116	iPd	41	50.00	0.0								SMF	25.46	170	eP	25	32.90	-0.1
SPC	5.21	13	ePn	41	51.90	1.7	UPP	14.39	137	iP	23	24.00	-5.2X		1.1s	68.60nm				5.3mb
			i	42																

15.706 N \pm 49.4km			97.832 W \pm 18.0km		
DEPTH = 33.0km (normal)					
NEAR COAST OF OAXACA, MEXICO (66)					
OXX	1.73	38	eP	03 59.00	0.3
			iS	04 17.00	
ACX	2.26	301	(P)	04 06.00	-0.1
IISM	3.29	8	iP	04 19.50	-1.2
IIT	3.33	352	eP	04 22.50	1.0
S.D. = 1.6			on	4 of	4 obs.
<hr/>					
OCT	19, 1992	14h	44m	11.74 \pm 0.53s	
6.863 N \pm 5.3km			76.681 W \pm 8.5km		
DEPTH = 10.0km			(geophysicist)		
4.8mb (2 obs.)					
NORTHERN COLOMBIA			(99)		
HOBC	2.55	168	ePc	44 52.99	-1.0
CLMC	2.96	178	iPc	44 59.80	-0.1
AZUC	3.19	170	iPc	45 03.55	0.1
ANCC	3.33	183	iPd	45 04.81	-0.2
HOQC	3.37	179	iPd	45 05.19	-0.6
BOG	3.42	130	eP	45 12.00	5.4X
			eS	45 57.00	
SILC	4.16	175	eP	45 18.28	1.2
PURC	4.52	176	ePd	45 24.19	1.9
SDV	6.32	71	ePn	45 49.50	2.0
			iSn	46 56.60	
TOV	7.41	66	eP	46 03.70	1.1
			iPP	46 04.60	
			iS	47 24.10	
MORO	9.17	64	iPd	46 27.10	-0.2
GUAN	11.34	74	eP	46 55.40	-1.6
MGH	17.20	54	eP	48 22.45	8.6X
PAG	17.28	57	eP	48 00.00	-14.9X
BPA	17.67	54	eP	48 23.34	3.6X
CPB	18.02	52	eP	48 25.07	1.0
ZOBO	24.51	160	P	49 33.70	0.4
			e	56 54.00	
LPB	24.75	160	(P)	49 39.00	3.6X
CNCB	25.05	160	eP	49 37.00	-1.4
			i	57 07.00	
CCH	26.24	157	eP	49 50.00	0.7
FVM	33.40	340	(P)	50 51.97	-0.6
	0.7s	22.22nm			5.2mb
SRU	44.26	322	eP	52 24.72	1.2
MSU	44.94	320	(P)	52 29.90	0.8
TIC	71.10	85	P	55 32.02	-0.9
LIC	71.12	86	P	55 32.24	-0.8
KIC	71.40	86	P	55 34.28	-0.4
KHC	85.03	41	eP	56 47.00	-1.9
			e	57 19.00	
GEC2	85.14	42	PKP	56 58.00	8.5X
	0.9s	1.95nm			4.3mb
ASPA	146.22	237	ePKP	03 53.20	-0.7
	0.8s	11.20nm			
GBA	147.23	52	PKP	04 07.00	11.4X
S.D. = 1.1			on	23 of	30 obs.
<hr/>					
OCT	19, 1992	15h	23m	25.35 \pm 0.30s	
7.411 N \pm 5.0km			76.550 W \pm 5.0km		
DEPTH = 10.0km			(geophysicist)		
4.8mb (24 obs.)			4.3Msz (14 obs.)		
NORTHERN COLOMBIA			(99)		
BOG	3.71	138	iP	24 20.00	-4.3X
			iS	25 18.00	
SDV	6.04	76	ePn	25 00.50	3.4X
TOV	7.09	70	ePc	25 12.60	0.9
MORO	8.83	66	eP	25 36.20	0.1
PCJ	10.29	357	iPd	25 55.45	-0.7
YHJ	10.42	0	iPd	25 58.13	0.2
			S	27 52.01	
GWJ	10.60	359	iPd	26 01.02	0.5
STH	10.61	359	iPd	25 59.80	-0.7

CNCB	25.51	161	P	28	54.80	-1.6	MBC	72.63	350	eP	34	54.00	-0.5	DAU	45.20	322	eP	02	50.91	0.7
CCH	26.70	157	P	29	06.80	-0.3	PMR	0.8s	4.00nm			4.6mb		DUG	46.03	321	eP	02	57.21	0.6
JSC	27.09	351	eP	29	10.65	0.5		75.26	332	(P)	35	09.96	0.0		0.8s	3.60nm			4.4mb	
CEH	28.44	356	P	29	30.00	7.6X	FBA	1.1s	15.08nm			5.0mb		PTI	47.37	324	(P)	03	07.62	0.5
Z	19s	0.70um						75.41	335	(P)	35	09.93	-0.9	BONR	48.49	315	ePd	03	17.04	0.9
NAV	30.02	353	eP	29	36.97	0.3	DAG	1.2s	5.73nm			4.5mb		LRM	49.27	327	eP	03	21.90	0.0
OLY	31.13	336	eP	29	46.20	-0.2	IMA	75.73	12	ePc	35	12.40	-0.1	YKA	61.65	341	eP	04	49.20	-1.6
MIAR	31.23	332	eP	29	46.21	-1.1		78.05	336	eP	35	25.12	-0.6		0.8s	8.20nm			4.9mb	
	0.8s	6.10nm					HON	1.3s	6.78nm			4.6mb		MBC	72.72	350	eP	06	00.00	-0.4
VVO	32.90	330	eP	30	01.70	-0.2	Z	79.41	290	P	35	40.00	6.2X	GEC2	84.73	42	P	07	06.50	0.0
FVM	32.93	340	eP	30	01.95	-0.2	NC2	Z	19s	0.23um		4.5Msz			1.0s	1.38nm			4.1mb	
	0.8s	36.68nm						82.30	29	P	35	49.40	1.0	ASPA	146.55	238	ePKP	14	17.70	4.3X
RLO	33.23	332	e(P)	29	51.50	-13.3X	KHC	0.9s	2.80nm			4.4mb			0.8s	4.30nm				
LNO	33.39	331	eP	30	04.70	-1.3		84.54	41	eP	36	01.50	1.4	GBA	146.87	51	PKP	14	17.00	3.0X
TUL	33.39	331	eP	30	05.30	-0.8		1.1s	4.00nm			4.6mb			S.D. = 0.8 on 24 of 28 obs.					
Z	0.7s	17.70nm					GEC2		e		36	05.50		? OCT 19, 1992 16h 30m 39.14±1.24s						
	Z	22s	0.33um					84.65	42	P	36	01.90	1.2	69.338 N ±21.5km 17.740 E ±13.6km						
		LR	41	24.00			ZST	0.9s	2.46nm			4.4mb		DEPTH = 10.0km (geophysicist)						
SIO	33.51	330	eP	30	05.20	-2.0	BCAO	86.96	42	eP	36	15.00	3.0X	NORTHERN NORWAY (646)						
FNO	33.68	328	iPc	30	08.00	-0.7		94.46	85	iPc	36	50.50	2.8X	MD 2.5 (BER).						
MEO	33.96	326	iPc	30	10.30	-0.8		0.9s	9.00nm			5.2mb		TRO	0.51	54	eP	30	49.56	0.0
HRV	35.23	6	P	30	30.00	8.1X			id		42	13.20		LOF	1.95	234	eP	31	12.62	0.0
Z	19s	0.55um					ASPA		ec		43	58.00			eSg			31	39.71	
BAO	36.39	129	Pc	30	31.00	-1.2		0.8s	10.00nm			0.4		KTK1	1.99	97	eP	31	13.32	0.1
		e		30	42.20		GBA	146.79	51	PKP	43	11.00	2.5X		eS			31	36.80	
		e		30	45.20		KMI	147.66	1	ePKP	43	14.00	4.0X	ARA0	2.75	82	Pn	31	23.91	-0.2
		e		30	52.30		CGP	153.60	306	ePKP	43	26.00	7.2X		Pg			31	33.23	
		e		30	56.80		S.D. = 1.0 on 67 of 82 obs.								Lg			32	07.81	
		e		31	01.20		% OCT 19, 1992 15h 49m 15.49±0.49s							S.D. = 0.2 on 4 of 4 obs.						
RSNY	37.04	2	(P)	30	34.20	-2.9	44.381 N ± 4.7km 7.375 E ± 4.9km							& OCT 19, 1992 18h 03m 32.31s						
Z	0.7s	8.73nm					DEPTH = 10.0km (geophysicist)							34.533 N 116.542 W						
JFWS	37.36	343	eP	30	39.00	-0.9	NORTHERN ITALY (545)							DEPTH = 0.7km						
	0.6s	15.69nm					STV	0.14	195	P	49	19.17	0.3	SOUTHERN CALIFORNIA (43)						
Z	20s	0.69um					ENR	0.16	168	P	49	19.12	-0.1	<PAS-P>. ML 2.8 (PAS).						
PPD	38.32	140	eP	30	47.30	-0.9			S		49	21.64		GSC	0.80	344	eP	03	47.49	-0.7
ALQ	38.80	319	eP	30	53.15	0.8	PZZ	0.23	302	P	49	20.73	0.2	PEC	0.82	219	eP	03	47.51	-1.2
	0.9s	17.59nm					ROB	0.37	104	P	49	24.43		SSK	1.00	252	eP	03	51.02	-1.3
Z	19s	0.15um							S		49	21.73			eS			04	04.46	
TUC	40.32	313	(P)	31	05.98	1.1	BH8	0.47	350	P	49	28.41		PLM	1.21	193	eP	03	54.73	-1.0
	1.0s	6.73nm							S		49	24.66	-0.3	GLA	2.05	135	(P)	04	09.82	1.3
Z	21s	0.52um					IMI	0.60	142	P	49	30.70		ABL	2.23	279	(P)	04	13.09	1.9
GOL	41.25	326	ePd	31	13.43	0.9	FIN	0.62	106	P	49	28.41		6 obs. associated						
	1.0s	42.51nm					RRL	0.68	322	P	49	28.41		OCT 19, 1992 18h 05m 08.62±0.54s						
Z	19s	0.40um					PCP	0.85	79	P	49	27.36	-0.3	7.023 N ± 4.9km 76.689 W ± 9.8km						
GLA	43.66	311	eP	31	34.33	2.2	S.D. = 0.4 on 9 of 9 obs.							DEPTH = 10.0km (geophysicist)						
SRU	43.91	321	eP	31	34.62	0.3	NORTHERN COLOMBIA (99)							4.4mb (2 obs.)						
MSU	44.61	319	eP	31	41.31	1.3	OCT 19, 1992 15h 54m 30.73±0.30s							NORTHERN COLOMBIA (99)						
ARUT	45.04	318	eP	31	44.89	1.5	7.319 N ± 4.0km 76.577 W ± 8.5km							HOBC	2.71	168	iPc	05	51.45	-1.7
DAU	45.15	322	eP	31	44.71	0.3	DEPTH = 10.0km (geophysicist)							CLMC	3.12	178	iPc	05	58.25	-0.7
BW06	45.65	326	eP	31	48.50	0.3	4.6mb (6 obs.)							AZUC	3.35	171	iPd	06	01.94	-0.6
	1.5s	47.67nm					NORTHERN COLOMBIA (99)							ANCC	3.49	183	Pc	06	03.06	-1.0
ULM	45.65	343	eP	31	50.00	2.2	HOBC	2.98	171	eP	55	18.01	-1.0	HOQC	3.53	179	iPc	06	03.55	-1.4
DUG	45.98	321	eP	31	51.14	0.4	CLMC	3.41	180	eP	55	25.12	-0.2	BOG	3.54	132	eP	06	09.00	4.0X
	0.7s	6.95nm					AZUC	3.63	173	iPc	55	28.60	0.0		iS			06	56.00	
GSC	46.15	313	eP	31	53.51	1.4	BOG	3.66	137	eP	55	44.00	15.0X	SILC	4.32	175	iPc	06	16.61	0.3
JAQ	46.26	1	eP	31	52.50	0.0	ANCC	3.79	184	eP	55	30.15	-0.4	PURC	4.68	176	eP	06	22.68	1.2
ISA	47.53	312	P	32	10.00	7.0X	HOQC	3.83	181	iPd	55	30.19	-1.0	SDV	6.28	72	ePn	06	43.50	-0.3
Z	21s	0.58um					PURC	4.97	178	eP	55	49.16	1.5	TOV	7.35	68	eP	06	58.70	-0.1
HHA1	47.57	325	eP	32	02.59	-0.7	BPA	17.32	55	eP	58	34.71	0.4	CEOS	8.51	76	eP	07	12.80	-2.2
TNP	47.75	316	eP	32	04.97	0.1	ZOBO	24.90	160	P	59	56.20	0.2	MORO	9.11	65	eP	07	23.10	-0.2
	0.8s	7.01nm					LPB	25.14	161	(P)	00	06.00	7.9X	PCJ	10.66	358	iPd	07	45.06	0.5
BONR	48.44	315	eP	32	10.02	-0.3	CNCB	25.44	161	eP	00	02.00	0.9	YHJ	10.81	1	iPd	07	46.46	0.0
LRM	49.20	327	eP	32	16.30	0.3	OLY	31.20	336	eP	00	51.57	-0.8	STH	10.99	359	iPd	07	47.58	-1.5
CMB	49.94	314	P	32	30.00	8.4X	FVM	33.01	340	ePc	01	07.15	-1.0	ZOBO	24.66	160	iPc	10	32.20	0.6
Z	19s	0.21um					BAO	36.36	129	Pc	01	36.90	-0.4	Z	20s	0.15um				3.5Msz
ORV	51.40	316	(P)	32	32.91	0.3			e		01	41.00		CCH	26.39	157	(P)	10	50.00	2.4
SES	51.57	332	eP	32	33.00	-0.7			e		01	44.50		OLY	31.43	336	eP	11	33.06	0.8
LBFM	52.47	318	eP	32	40.64	-0.3			e		01	38.50	0.5	FVM	33.24	340	eP	11	47.55	-0.6
WDC	52.57	316	P	32	50.00	8.6X			e		01	43.30			pP			11	51.40	13kmX
Z	22s	0.38um					ALQ	38.85	319	ePc	01	58.04	-0.2	YKA	61.89	341	eP	15	28.80	-1.6
NEW	53.22	327	eP	32	46.00	-0.2	GOL	41.31	326	eP	02	18.71	0.3		0.8s	4.90nm				4.7mb
	1.1s	19.75nm						0.8s	11.01nm			4.6mb		LIC	71.12	86	P	16	32.20	2.3
DPW	53.58	326	eP	32	48.67	-0.2	SRU	43.97	321	eP	02	40.64	0.5	KIC	71.39	86	P	16	33.50	1.9
VGB	53.79	323	eP	32	50.74	0.4								GEC2	85.03	42	P	17	45.80	0.0
LON	55.04	323	eP	32	58.79	-0.8								0.8s	0.98nm					4.1mb
YKA	61.57	341	P	33	43.40	-1.5								GBA	147.14	51	PKP	24	54.00	1.7
	0.7s	19.00nm												S.D. = 1.4 on 23 of 24 obs.						
TIC	70.92	86	P	34	44.90	-0.6								& OCT 19, 1992 18h 24m 57.12s						
LIC	70.96	86	P	34	45.78	0.1								61.242 N 149.318 W						
KIC	71.23	86	P	34	47.56	0.3														
	0.8s	13.50nm																		
DCN	71.76	36	eP	34	50.20	0.5														
DMU	72.09	36	eP	34	52.50	0.8														
DLF	72.19	36	eP	34</																

[illegible]

19d 21h

FNA 0.85 63 ePg 48 43.64 -0.9
 IGT 0.87 182 iPg 48 43.20 -1.7
 KZN 1.07 95 ePb 48 49.00 0.6
 GRG 1.64 70 ePb 48 57.10 0.0
 LIT 1.65 100 ePb 48 57.00 -0.2
 SKO 1.76 27 iPn 49 03.50 4.7X
 AGG 2.05 132 ePn 49 02.68 -0.4
 KNT 2.06 68 ePn 49 04.12 0.9
 VLS 2.23 176 ePn 49 07.80 2.1
 SOH 2.31 79 iPn 49 06.44 -0.4
 S.D. = 1.3 on 9 of 11 obs.

OCT 19, 1992 23h 02m 18.45±0.52s
 6.942 N ± 9.1km 76.650 W ± 4.2km
 DEPTH = 10.0km (geophysicist)
 4.8mb (31 obs.)
 NORTHERN COLOMBIA (99)

BOG 3.45 132 iPd 03 19.00 5.3X
 SDV 6.27 72 iPnd 04 02.00 0.6
 TOV 7.35 67 eP 04 08.40 -0.1
 MORO 9.11 64 ePc 04 30.70 -2.4
 LLAV 10.34 69 eP 04 47.70 -2.4
 PCJ 10.75 357 iPd 04 56.28 0.8
 YHJ 10.88 1 iPd 04 59.25 1.0
 GWJ 11.07 360 iPd 05 01.21 1.2
 STH 11.07 359 iPd 05 00.63 0.7
 MGP 14.42 39 P 05 39.70 -4.9X
 PORP 14.74 41 P 05 45.00 -3.9X
 LRS 14.78 39 P 05 45.00 -4.5X
 CPD 15.20 43 P 05 51.00 -4.0X
 SVB 16.41 66 eP 06 08.31 -2.2
 SVV 16.46 66 eP 06 08.47 -2.7
 BPA 17.60 54 eP 06 27.00 1.5
 CPB 17.95 52 eP 06 29.07 -0.8
 HBF 26.09 353 (P) 07 55.47 1.4
 CEH 28.90 356 P 08 30.00 10.4X
 NAV 30.47 353 eP 08 34.84 1.1
 OLY 31.52 336 eP 08 42.14 -0.8
 VVO 33.26 331 e(P) 08 56.80 -1.3
 FVM 33.33 340 eP 08 58.17 -0.6
 RLO 33.60 333 e(P) 08 59.70 -1.4
 LNO 33.75 331 ePc 09 01.20 -1.0
 FNO 34.03 329 iPc 09 03.40 -1.4
 HRV 35.70 6 P 09 30.00 11.0X
 RSNY 37.51 2 eP 09 34.77 0.6
 JFWS 37.78 344 eP 09 35.34 -1.2
 ALQ 39.09 320 iPc 09 48.31 0.4
 EEO 39.61 357 eP 09 58.00 6.2X
 TUC 40.56 313 eP 09 59.77 -0.2
 GOL 41.58 326 eP 10 08.83 0.5
 GLA 43.89 312 eP 10 27.67 0.5
 SRU 44.22 322 eP 10 29.57 -0.3
 EMUT 44.82 322 eP 10 34.52 -0.3
 ARUT 45.32 318 eP 10 38.84 0.1
 DAU 45.46 323 ePd 10 39.88 -0.1
 PLM 45.55 311 eP 10 41.05 0.4
 BW06 45.98 326 eP 10 43.00 -0.9
 PEC 46.01 311 eP 10 44.23 0.2
 ULM 46.06 343 eP 10 45.50 1.3

DUG 46.28 321 ePd 10 46.24 0.0
 JAO 46.73 1 eP 10 50.50 1.2
 PTI 47.63 324 eP 10 56.53 -0.3
 ISA 47.77 313 P 11 10.00 12.0X
 BONR 48.71 316 eP 11 06.05 0.6
 BCH 48.75 311 eP 11 05.31 -0.3
 LRM 49.54 327 ePd 11 11.10 -0.6
 ARN 50.72 313 (P) 11 20.72 0.1
 ORV 51.66 316 eP 11 27.41 -0.3
 SES 51.93 333 eP 11 29.00 -0.6
 LBFM 52.75 318 eP 11 34.77 -1.3
 NEW 53.56 327 eP 11 40.00 -1.7
 VGB 54.10 323 eP 11 45.59 -0.1
 MCW 56.94 325 eP 12 05.33 -1.0
 YKA 61.98 341 eP 12 38.70 -2.1
 LIC 71.09 86 P 13 40.14 0.6
 KIC 71.36 86 P 13 41.76 0.5
 DCN 72.19 36 eP 13 45.80 0.4
 DMU 72.53 36 eP 13 47.70 0.3
 DLF 72.62 36 eP 13 48.00 0.1
 MBC 73.07 350 ePc 13 49.30 -0.9
 EKA 74.95 35 P 14 02.00 0.6
 FLN 75.70 42 eP 14 06.40 0.5
 MFF 75.72 44 eP 14 06.60 0.6
 LDF 75.92 42 eP 14 07.50 0.4
 SLKM 75.92 331 (P) 14 05.78 -1.2
 LPO 76.51 46 eP 14 11.00 0.5
 RJF 76.78 45 eP 14 12.30 0.2
 LSF 76.85 44 eP 14 12.70 0.3
 TCF 77.32 44 eP 14 15.10 0.0
 BGF 77.77 44 eP 14 17.90 0.4
 AVF 78.13 44 eP 14 19.30 -0.2
 SSF 78.25 43 eP 14 20.10 0.0
 SMF 78.46 44 eP 14 21.40 0.1
 LOR 78.50 43 eP 14 21.40 -0.1
 ENN 79.97 40 eP 14 30.00 0.7
 BSF 80.50 43 eP 14 32.40 0.0
 WTS 80.55 39 iPc 14 34.00 1.6
 CDF 80.82 42 eP 14 34.50 0.4
 NC2 82.75 29 P 14 44.60 0.8
 CLL 84.42 39 i(P) 14 53.70 1.3
 KHC 84.96 41 P 14 56.50 1.3
 BRG 85.05 39 e(P) 14 57.00 1.4
 GEC2 85.06 42 P 14 56.20 0.4
 PRU 85.51 40 eP 14 59.20 1.3
 GBA 147.16 52 PKP 22 04.00 1.8
 S.D. = 1.0 on 79 of 88 obs.

OCT 19, 1992 23h 02m 19.76±0.50s
 9.736 S ±11.1km 78.418 W ±13.8km
 DEPTH = 53.3km (3 depth phases)
 5.1mb (3 obs.)
 NEAR COAST OF NORTHERN PERU (109)
 NNA 2.72 145 iPc 03 02.20 0.2
 ARE 9.50 135 eP 04 46.00 9.0X
 PSO 10.91 6 eP 04 46.50 -9.9X
 ZOB0 11.95 124 eP 05 11.00 0.4

LR 10 04.00
 CNCB 12.35 126 eP 05 21.00 5.1X
 CCH 14.14 124 eP 05 39.00 -0.2
 MRA 25.44 154 e(P) 07 44.00 -0.3
 BAO 30.23 104 Pc 08 27.90 -0.2
 JFO 35.73 114 eP 09 08.40 -7.2X
 PDCR 38.63 98 eP 09 39.70 -0.3
 OLY 46.65 345 (P) 10 44.67 -0.1
 MEO 48.22 338 iPc 10 57.00 -0.2
 RLO 48.26 342 eP 10 57.30 -0.2
 LNO 48.27 341 eP 10 57.40 0.0
 TUL 48.27 341 eP 10 57.40 -0.1
 FVM 48.78 347 eP 11 01.13 -0.3
 ULM 61.65 347 eP 12 35.50 1.2
 ORV 63.25 324 eP 12 45.04 -0.1
 SES 66.28 338 eP 13 04.00 -0.6
 MBC 89.13 351 ePd 15 10.90 0.7
 S.D. = 0.5 on 16 of 21 obs.

& OCT 20, 1992 00h 00m 25.39s
 34.958 N 116.805 W
 DEPTH = 2.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).
 GSC 0.34 0 ePd 00 32.22 0.0
 SSK 1.05 225 ePd 00 44.89 -1.1
 PEC 1.10 196 iPd 00 45.85 -1.0
 ISA 1.54 298 eP 00 52.59 -1.3
 PLM 1.60 182 ePn 00 54.01 -0.9
 ABL 1.99 268 ePn 00 59.45 -1.2
 TPNV 2.04 13 (Pn) 01 02.43 1.2
 GLA 2.51 139 ePn 01 09.18 1.2
 TNP 3.14 354 (P) 01 21.85 4.9
 ARUT 3.92 43 (P) 01 27.66 -0.4
 10 obs. associated

& OCT 20, 1992 00h 14m 28.23s
 35.318 N 117.653 W
 DEPTH = 6.8km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 2.7 (PAS).
 GSC 0.69 91 eP 14 41.17 -1.0
 ISA 0.75 297 eP 14 42.01 -1.3
 SSK 1.11 182 eP 14 48.45 -1.0
 ABL 1.37 251 eP 14 52.41 -1.5
 PEC 1.48 164 ePn 14 54.57 -0.8
 TPNV 1.98 35 (Pn) 15 01.68 -1.1
 BCH 1.99 267 (Pn) 15 01.59 -1.3
 PLM 2.07 161 eP 15 05.55 1.6
 MEMM 2.56 337 (P) 15 13.13 2.3
 BONR 2.68 349 (P) 15 12.15 -0.8
 TNP 2.78 7 ePg 15 19.37 5.1
 11 obs. associated

& OCT 20, 1992 00h 25m 44.40s
 34.256 N 116.434 W
 DEPTH = 4.8km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
 Felt (IV) at Pionertown.
 PEC 0.70 239 iPc 25 57.34 -1.1
 PLM 0.97 202 iPc 26 02.27 -1.1
 SSK 1.04 268 ePc 26 03.52 -1.2
 GSC 1.09 344 iPc 26 04.43 -0.9
 GLA 1.80 131 ePn 26 13.75 -2.6
 ISA 2.19 311 ePn 26 19.38 -2.6

20d 00h

	ePg	26	24.40	
	S	26	52.09	
ABL	2.38 285 ePn	26	22.68	-2.2
TPNV	2.69 3 ePn	26	27.28	-2.0
BCH	3.15 288 ePn	26	33.69	-2.0
TNP	3.87 351 ePn	26	44.93	-1.2
BONR	3.99 338 (Pn)	26	47.43	-0.4
ARUT	4.28 34 ePn	26	51.24	-0.6
SRU	6.78 43 ePn	27	27.26	0.0

13 obs. associated

OCT 20, 1992 00h 26m 13.15± 0.46s

37.208 N ±10.0km 31.212 E ±10.5km

DEPTH = 135.8 ± 5.9 km

4.1mb (12 obs.)

TURKEY (366)

MD 4.3 (HLW).

BCK	0.56 297 iPg	26	32.60	-0.9
ELL	1.14 247 iPg	26	40.20	1.9
	eSg	26	52.90	
KHL	1.74 310 iPn	26	43.00	-1.8
ALT	2.04 335 iPn	26	49.50	1.1
PPCY	2.49 158 eP	26	55.00	1.0
	eS	27	24.60	
CIN	2.52 280 eP	26	53.00	-1.3
CSS	2.82 142 ePc	26	58.80	0.5
	eS	27	31.60	
FAM	3.16 134 eP	27	05.00	2.4X
	eS	27	41.80	
Izm	3.35 292 iPn	27	03.80	-1.4
EZN	4.64 306 ePn	27	22.00	-0.4
BHL	4.90 131 Pn	27	26.00	0.1
	Sn	28	20.00	
ADI	5.27 140 eP	27	29.50	-1.4
ZNT	5.87 147 eP	27	37.20	-1.9
	eS	28	40.10	
BURJ	6.23 141 P	27	45.30	1.2
JARJ	6.31 140 Pd	27	46.40	1.3
SALJ	6.36 143 P	27	47.10	1.3
MASJ	6.61 144 Pd	27	50.10	0.9
MKT	7.05 151 eP	27	54.10	-1.0
	eS	29	09.50	
KOT	7.28 176 ePn	27	58.25	0.1
	eSn	29	14.75	
PRNI	7.53 154 eP	27	59.40	-2.2
VAY	7.86 304 eP	28	08.00	2.0
SKO	8.92 305 iP	28	22.00	1.9
GEC2	17.25 318 eP	30	07.10	0.0

0.6s 1.92nm 3.6mb

OSS	18.26 308 ePd	30	20.20	1.2
BRG	18.39 323 iP	30	19.60	-0.6
TMA	18.86 305 ePd	30	25.20	-0.2
LLS	19.06 307 ePd	30	26.90	-0.6
GRF	19.07 317 eP	30	26.80	-0.5
	1.3s 18.00nm			4.2mb

CLL	19.13 323 iP	30	28.10	0.2
ZLA	19.68 309 (P)	30	33.18	-0.6
SLE	19.73 309 ePd	30	33.30	-0.9
DIX	19.82 304 (P)	30	36.25	0.9
LPG	20.09 302 eP	30	39.50	1.3

	0.7s 10.05nm			4.3mb
LPL	20.11 302 eP	30	39.90	1.6
	0.6s 6.75nm			4.2mb
EMS	20.13 304 ePd	30	38.50	0.0
CDF	20.74 310 eP	30	44.00	-0.5
	0.8s 8.60nm			4.2mb

BSF	20.81 308 eP	30	44.30	-0.9
	0.5s 2.85nm			3.9mb
HAU	21.15 309 eP	30	47.90	-0.7
	0.7s 4.20nm			3.9mb
SMF	22.35 304 eP	31	00.20	-0.1
	0.7s 7.70nm			4.2mb

LBF	22.35 305 eP	30	59.90	-0.4
	0.7s 3.65nm			3.9mb
LOR	22.50 305 eP	31	01.60	-0.2
	0.5s 3.30nm			4.0mb
SSF	22.68 304 eP	31	03.70	0.2
	0.8s 7.00nm			4.1mb

AVF	22.71 304 eP	31	03.60	-0.1
	0.7s 8.25nm			4.2mb

S.D. = 1.1 on 42 of 43 obs.

* OCT 20, 1992 01h 04m 31.23± 1.11s
38.274 S ± 6.2km 176.045 E ± 5.6km
DEPTH = 196.4 ± 11.4 km

NORTH ISLAND, NEW ZEALAND (159)

WLZ	0.54 319 Pc	04	58.00	-0.1
	S	05	15.30	
WHH	0.70 150 Pd	04	58.30	-0.9
URZ	0.84 89 P	04	58.40	-1.4
	S	05	15.50	
NGZ	0.97 201 P	05	01.10	0.3
PAHZ	0.98 127 P	05	00.40	-0.4
CNZ	1.00 203 P	05	01.10	0.1
MOZ	1.00 256 eP	05	01.20	0.3
	eS	05	21.40	
MOH	1.22 135 P	05	02.80	0.3
TTH	1.40 155 P	05	04.70	0.7
WAHZ	1.44 170 Pc	05	04.80	0.3
KUZ	1.55 350 P	05	05.60	0.3
NOZ	1.60 103 P	05	06.20	0.4
MAHZ	1.70 123 P	05	07.50	0.7
BSZ	1.75 209 P	05	08.10	0.8
HBZ	1.91 70 P	05	08.90	0.1
KIW	2.73 198 P	05	17.80	-0.1
MTW	2.91 188 P	05	19.80	-0.3
CAW	2.93 195 eP	05	20.20	-0.1
DIW	3.01 212 P	05	21.40	0.1
BLW	3.12 188 P	05	22.30	-0.3
MRW	3.13 199 P	05	22.50	-0.1
	eS	05	59.20	
MOW	3.20 191 P	05	23.20	-0.4
TCW	3.24 204 P	05	23.80	-0.1
ORZ	3.73 226 P	05	29.60	-0.4
THZ	4.24 214 eP	05	36.60	0.1
	eS	06	25.90	
KHZ	4.56 204 P	05	40.50	0.0
MQZ	6.00 204 P	05	57.40	-1.7X
	eS	07	00.90	

S.D. = 0.5 on 26 of 27 obs.

? OCT 20, 1992 01h 19m 48.44± 1.03s
22.826 S ±17.2km 171.728 E ±16.0km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)

LOYALTY ISLANDS REGION (189)

DZM	4.94 278 iPc	21	01.30	-1.2
	iS	21	55.80	
BKM	6.08 327 iPd	21	20.20	1.7
BRS	17.75 251 iPc	24	01.00	6.2X
RMO	21.19 255 iPc	24	36.10	2.7
	1.0s 108.00nm			5.2mb
CTA	23.86 272 iPc	25	01.00	1.2
	i	25	10.00	
STKA	28.17 245 iPc	25	41.40	1.5
ASPA	34.70 261 iPc	26	36.80	-0.7
	0.8s 30.30nm			5.3mb
WB2	34.86 268 eP	26	36.70	-2.2
	0.4s 7.20nm			5.0mb
WRA	34.87 268 P	26	37.30	-1.7
	0.4s 4.40nm			4.7mb
FORT	39.58 249 eP	27	19.00	0.6
WARB	41.01 256 eP	27	30.00	-0.3
MBL	47.94 262 eP	28	25.80	-0.3
TIA	78.15 318 eP	31	43.90	-2.2
CHG	82.24 294 eP	32	08.50	0.3
NVL	85.60 187 eP	32	24.00	-0.3
	1.0s 12.00nm			5.1mb
	e	32	37.00	
LZH	86.84 311 eP	32	30.50	-0.7
	1.5s 22.00nm			5.2mb
KSP	146.13 332 ePKP	39	24.60	-1.0
BCAO	148.28 239 iPKPd	39	34.00	3.8X
	0.9s 27.00nm			
KHC	148.57 332 ePKP	39	28.50	-1.2
	e	39	31.00	
SKO	148.71 315 iPKP	39	32.20	2.1
GEC2	148.74 332 PKP	39	31.70	1.7
	0.6s 0.89nm			

S.D. = 1.6 on 19 of 21 obs.

OCT 20, 1992 01h 57m 58.42± 0.59s
28.443 N ± 5.1km 33.158 E ± 6.5km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)

EGYPT (553)

MD 4.1 (RYD), 4.0 (HLW).

HQL	1.85 63 ePd	58	30.60	0.1
KOT	1.88 322 ePn	58	32.50	1.6

MBH	2.00 48 iP	58	32.10	-0.7
AQBJ	2.09 52 Pd	58	34.86	0.9
PRNI	2.48 40 iP	58	38.30	-1.3
JRSJ	2.56 44 Pc	58	42.06	1.4
NAQJ	2.57 52 Pd	58	41.91	0.9
DHLJ	3.07 39 Pc	58	48.66	0.9
LISJ	3.44 35 Pc	58	54.23	1.2
GHZJ	3.46 52 Pd	58	54.24	0.8
DSI	3.66 31 iP	58	54.40	-1.9
MKRJ	3.77 34 Pc	58	58.22	0.2
WAJH	3.78 126 iPd	58	56.94	-1.0
	eS	59	33.30	

MASJ	3.96 33 Pc	59	00.65	0.1
CSTJ	4.06 48 Pc	59	03.29	1.3
ZNT	4.11 23 iP	59	00.90	-1.8
	eS	59	48.40	

MDSJ	4.16 39 Pc	59	03.53	0.1
SALJ	4.17 31 Pc	59	04.21	0.6
ASW	4.35 183 eP	59	16.50	10.4X
	eS	00	15.00	

BURJ	4.42 30 Pc	59	07.31	0.1
MML	4.43 26 iP	59	05.60	-1.6
AKUR	4.54 184 eP	59	19.50	10.7X
	eS	00	18.00	

ANMR	4.78 187 eP	59	11.80	-0.4
	eS	00	31.00	
AKSR	4.79 182 eP	59	12.50	0.2
	eS	00	27.00	

ARTJ	4.94 39 Pc	59	13.85	-0.7
BHL	5.85 21 Pn	59	27.00	-0.3
	Sn	01	10.00	
PPCY	6.46 354 eP	59	36.50	0.6

CSS	6.50 1 eP	59	35.90	-0.6
BCK	9.25 347 ePn	00	13.00	-1.8
GEC2	25.28 329 P	03	27.50	1.1

1.2s 2.20nm 3.7mb

HFS 34.33 343 eP 04 46.80 -0.2

0.4s 0.90nm 4.0mb

S.D. = 1.1 on 29 of 31 obs.

& OCT 20, 1992 02h 09m 24.85s
40.405 N 124.430 W
DEPTH = 9.9km
NEAR COAST OF NORTHERN CALIF. (35)
<GM>-P>. MD 3.0 (GM).

FHC	0.52 40 ePc	09	35.86	0.4
	eS	09	43.58	
WDC	1.45 82 ePc	09	49.28	-1.9
LBFM	2.14 63 eP	10	00.33	-1.0

3 obs. associated

OCT 20, 1992 02h 57m 07.52± 0.42s
7.480 N ± 8.0km 76.511 W ± 7.6km
DEPTH = 10.0km (geophysicist)
4.5mb (7 obs.)
NORTHERN COLOMBIA (99)

BMG	3.43 97 eP	58	05.00	2.7
BOG	3.74 139 eP	58	13.00	6.1X
SDV	5.98 76 iPnd	58	39.40	0.9
	iSn	59	49.20	

TOV	7.03 70 eP	58	52.60	-0.5
STH	10.54 358 iPd	59	40.14	-1.6
ZOBO	25.03 161 P	02	34.90	0.8

Z 20s 0.15um 3.5msz

LP8	25.27 161 P	12	00.00	
	e	02	37.20	1.1
	e	10	22.00	
CCH	26.74 158 eP	02	50.00	0.3

JSC	27.03 351 (P)	02	53.31	1.6
FVM	32.88 340 (P)	03	44.49	0.6
	0.9s 9.54nm			4.7mb
8AD	36.41 129 e(P)	04	13.00	-1.5
	e	04	15.10	

8DF	36.49 129 Pd	04	05.80	-9.4X
	e	04	17.20	
PPD	38.35 140 eP	04	28.40	-2.2
ALO	38.78 319 ePd	04	34.29	0.0
	1.0s 9.81nm			4.5mb

GOL	41.21 326 iPc	04	54.47	0.0
	1.0s 16.68nm			4.7mb

20d 03h

BW06 45.61 326 eP 05 31.50 1.4
 1.1s 6.15nm 4.5mb
 DUG 45.95 321 ePd 05 32.86 0.2
 0.8s 2.61nm 4.3mb
 BONR 48.42 315 eP 05 52.52 0.1
 LRM 49.17 327 eP 05 57.10 -0.8
 LBFM 52.44 317 (P) 06 24.56 1.6
 DPW 53.55 326 eP 06 28.87 -1.9
 YKA 61.52 341 eP 07 28.00 1.3
 0.8s 4.80nm 4.7mb
 TIC 70.88 86 P 08 26.40 -1.0
 LIC 70.91 86 P 08 26.40 -1.2
 KIC 71.18 86 P 08 28.00 -1.2
 MBC 72.57 350 eP 08 35.00 -1.3
 GEC2 84.57 42 P 09 42.70 0.2
 0.9s 1.82nm 4.3mb
 ASPA 146.69 238 iPKPd 16 50.90 0.5
 1.0s 11.50nm
 WB2 147.63 244 ePKP 16 51.40 -0.5
 1.0s 5.20nm
 S.D. = 1.2 on 31 of 33 obs.

* OCT 20, 1992 03h 07m 21.81± 2.15s
 39.739 N ±10.4km 23.822 E ±18.0km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.3 (THE).

LIT 1.09 290 ePg 07 42.24 0.0
 eSg 07 55.96
 THE 1.11 324 ePg 07 42.80 0.2
 eSg 07 56.74
 SOH 1.14 342 iPg 07 42.88 -0.3
 iSg 07 58.25
 AGG 1.36 239 ePb 07 46.80 0.0
 eSb 08 07.48
 SRS 1.39 353 ePb 07 47.36 0.2
 eSb 08 05.80
 KNT 1.59 334 ePb 07 49.96 0.0
 eSb 08 11.60
 GRG 1.63 319 ePb 07 50.56 -0.1
 eSb 08 10.52
 VAY 1.85 329 ePn 07 56.00 2.3X
 S.D. = 0.2 on 7 of 8 obs.

& OCT 20, 1992 03h 45m 17.66s
 40.501 N 123.839 W
 DEPTH = 23.0km
 NORTHERN CALIFORNIA (36)
 <GM-P>. MD 3.0 (GM).

FHC 0.32 340 ePc 45 24.96 0.1
 WDC 0.99 85 ePc 45 34.38 -1.7
 LBFM 1.70 60 eP 45 45.72 -0.8
 3 obs. associated

OCT 20, 1992 04h 03m 42.22± 0.22s
 55.379 N ± 6.2km 166.427 E ± 2.9km
 DEPTH = 27.9km (11 depth phases)
 5.2mb (65 obs.) 5.1msz (24 obs.)
 KOMANDORSKY ISLANDS REGION (4)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 30S, 57C
 Centroid Location:
 Origin Time 04:03:43.2 0.3
 Lat 55.48N 0.05 Lon 166.56E 0.07
 Dep 15.1 FLX Half-duration 1.3
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr= 0.16 0.04 Mtt=-1.09 0.05
 Mff= 0.94 0.04 Mrt=-0.59 0.13
 Mrf=-0.71 0.14 Mtf=-0.72 0.04
 Principal Axes:
 T Vol= 1.41 Plg=26 Azm= 80
 N 0.27 54 211
 P -1.67 24 338
 Best Double Couple: Mo=1.5*10¹⁷
 NP1: Strike=119 Dip=54 Slip= 179
 NP2: 209 89 36

PET 5.14 246 ePn 05 00.00 0.7
 Z 12s 15.10um
 N 12s 25.50um
 E 12s 18.30um
 SMY 5.24 117 eP 04 59.30 -1.4
 0.6s 94.13nm 5.5mb
 S 05 58.56

SKR 7.81 237 ePn 05 35.40 -1.4
 Z 18s 7.60um
 N 18s 18.20um
 E 18s 17.10um
 MGD 9.59 306 ePn 06 00.00 -1.4
 Z 12s 11.00um
 N 12s 10.00um
 E 12s 10.00um
 SEY 10.41 322 ePn 06 09.00 -3.6X
 Z 14s 16.00um
 ADK 10.62 102 (P) 06 12.97 -2.5
 0.9s 383.33nm 6.7mb X
 ILT 14.35 23 iPc 07 07.80 2.7
 2.0s 138.00nm 5.2mb
 KUR 15.56 237 ePc+ 07 25.00 4.0X
 Z 14s 8.10um
 N 14s 8.10um
 E 14s 16.20um
 YSS 16.99 250 iPc+ 07 41.00 1.9
 Z 14s 3.80um
 N 14s 5.50um
 E 13s 4.30um

SHO 17.09 236 eP 07 35.50 -4.9X
 0.6s 50.00nm 4.8mb
 KUSJ 18.67 238 eP 07 56.30 -3.6X
 SDN 18.71 76 eP 08 01.40 1.1
 1.3s 267.80nm 5.3mb
 ASAJ 18.95 243 eP 08 05.10 1.7
 HOOJ 19.89 239 eP 08 12.50 -1.6
 YAK 19.97 304 iPd- 08 12.60 -2.1
 1.3s 484.00nm 5.7mb
 SVW 20.55 58 eP 08 18.75 -2.1
 1.0s 117.13nm 5.2mb
 IMA 21.82 45 ePc 08 33.36 -0.5
 1.8s 204.47nm 5.3mb
 BGL 22.11 58 eP 08 39.68 3.0X
 CRP 22.22 58 eP 08 36.71 -1.2
 SPU 22.28 58 eP 08 38.09 -0.2
 TIK 22.75 330 iPd- 08 42.50 -0.2
 2.6s 430.00nm 5.5mb
 eSS 12 49.00
 e 13 00.00

OFUJ 23.23 236 eP 08 51.60 3.9X
 PMS 23.48 58 eP 08 50.60 0.6
 1.1s 39.30nm 4.8mb
 PMR 23.65 57 P 09 00.00 8.4X
 Z 20s 4.29um 4.9msz
 FBA 24.15 48 iPc 08 56.81 0.4
 1.0s 47.73nm 5.0mb
 YAMJ 24.72 237 eP 09 06.70 4.5X
 TOA 25.00 55 eP 09 05.10 0.4
 KLU 25.19 56 ePc 09 06.18 -0.4
 VLA 25.38 256 iP 09 08.00 -0.3
 2.0s 170.00nm 5.3mb
 Z 12s 2.30um 4.9mszX
 i 09 55.00 246kmX
 eS 13 32.00
 e 14 30.00

MDJ 25.71 261 eP 09 11.00 -0.4
 1.3s 95.00nm 5.3mb
 PP 09 56.50
 MAT 26.90 237 iPd 09 25.10 2.6
 1.2s 109.38nm 5.4mb
 eS 14 04.00
 BOD 28.27 297 eP 09 34.80 0.1
 CN2 28.56 263 Pc 09 36.50 -0.9
 1.0s 1240.00nm 6.6mb X
 Z 15s 4.11um 5.2mszX
 N 13s 4.78um
 E 13s 0.72um
 epP 09 44.00 26km
 eS 14 22.00
 CIT 30.84 286 eP 09 58.00 0.3
 Z 12s 4.32um 5.3mszX
 eS 15 00.00
 SNY 30.88 262 Pd 09 58.00 0.0
 1.8s 140.00nm 5.5mb
 Z 16s 5.05um 5.3mszX
 N 13s 2.41um
 E 15s 3.45um

SIT 31.59 62 P 10 10.00 5.9X
 Z 19s 1.80um 4.8msz
 MBC 33.44 25 eP 10 20.00 -0.1
 1.0s 4.00nm 4.3mb
 DL2 33.94 260 eP 10 25.00 0.2
 Z 18s 3.69um 5.2msz
 N 16s 5.67um
 E 16s 2.52um
 S 15 47.00
 IRK 35.73 292 eP 10 39.00 -1.0
 2.2s 124.00nm 5.5mb
 Z 12s 2.36um 5.2mszX
 N 12s 1.83um
 E 13s 1.16um
 e 12 04.00 449kmX
 eS 16 19.00
 eSS 18 37.00
 BJI 36.26 266 eP 10 43.50 -1.1
 Z 20s 4.20um 5.2msz
 N 15s 5.40um
 eS 16 20.00
 ZAK 37.26 289 ePd 10 52.90 0.0
 2.5s 182.00nm 5.5mb
 Z 13s 3.90um 5.4mszX
 eSS 19 34.00
 MOY 37.79 292 ePc 10 58.80 1.5
 3.0s 418.00nm 5.8mb
 HHC 38.35 271 eP 11 03.00 0.7
 1.6s 37.00nm 4.9mb
 Z 16s 4.15um 5.3mszX
 N 14s 4.17um
 E 14s 2.67um
 PP 12 36.00
 S 16 52.00
 TIA 38.38 261 eP 11 03.70 1.3
 1.4s 24.00nm 4.8mb
 N 14s 2.80um
 E 14s 2.07um
 YKA 38.93 46 eP 11 07.10 0.4
 0.8s 10.30nm 4.6mb
 BTO 39.40 272 P 11 12.00 0.9
 1.2s 40.00nm 5.0mb
 N 15s 6.40um
 E 15s 3.10um
 pP 11 24.00 44kmX
 ePP 12 48.50
 S 17 11.50
 SSE 39.94 252 Pc 11 19.00 3.6X
 1.0s 9.00nm 4.5mb
 Z 20s 1.10um 4.7msz
 N 14s 1.40um
 E 13s 0.90um
 S 17 24.00
 TIY 39.98 267 eP 11 14.40 -1.4
 Z 26s 2.82um 5.0mszX
 N 14s 4.37um
 PP 12 54.00
 S 17 20.00
 SS 20 08.00
 NJ2 40.48 255 eP 11 17.60 -2.3
 N 15s 2.78um
 E 14s 2.80um
 UER 41.45 296 eP 11 26.70 -0.8
 1.5s 30.00nm 4.8mb
 i 21 20.00
 RMW 43.59 69 eP 11 46.21 1.0
 LON 44.03 70 eP 11 51.09 2.3
 WHN 44.12 258 eP 11 51.50 1.9
 Z 32s 2.46um 4.9mszX
 E 13s 3.67um
 S 18 24.00
 ELT 44.36 302 iPd 11 50.00 -1.3
 2.0s 162.00nm 5.5mb
 eS 18 20.00
 e 21 38.00
 XAN 44.59 266 eP 11 53.90 0.4
 1.5s 20.00nm 4.8mb
 sP 12 10.50
 NVS 44.79 306 iPd 11 54.00 -0.7
 1.7s 125.00nm 5.5mb
 e 13 37.50 576kmX
 e 13 38.00
 e 18 28.00
 DPW 45.24 67 ePc 11 58.99 0.5
 VGB 45.37 71 eP 12 00.10 0.6
 NEW 45.55 65 eP 12 01.00 0.0
 1.0s 25.00nm 5.1mb
 GTA 45.99 279 Pd 12 05.00 0.3
 1.5s 70.00nm 5.4mb
 Z 18s 5.71um 5.6msz
 E 12s 3.05um

LZH	46.02	272	pP	12	13.00	27km	SRU	55.28	70	ePc	13	20.50	26km	MAIO	69.53	304	eS	23	49.00	-0.2	
			S	18	48.00												eP	14	50.00		
			Pd	12	05.50	0.5											eS	24	00.00		
																	P	15	00.00		
Z	1.5s	14s	86.00nm			5.5mb	PEC	55.44	79	eP	13	16.17	-0.2	MCWV	69.84	49	P	15	00.00	8.1X	
			4.17um			5.5MszX															
																	Z	20s	1.60um		5.3Msz
			4.12um														Z	20s	1.50um		5.2Msz
UKR	46.51	300	pP	12	13.00	25km	PRZ	55.45	296	eP	13	17.00	0.5	PYA	69.98	320	eP	14	54.00	1.3	
			sP	12	15.00																
			S	18	44.00												(S)	20	48.00		
			eSS	22	05.00												eP	13	20.79		0.2
WDC	47.67	77	ePc	12	18.63	0.9	PV10	56.61	70	ePd	13	26.29	1.3	KIV	70.18	320	(P)	14	55.70	1.6	
																	(S)	24	05.10		
																	iPc	14	58.00		2.6
DAG	48.08	2	eP	12	20.30	-0.1	FRU	57.11	299	eP	13	27.50	-0.8	BAK	70.42	313	iPc	14	58.00	5.9MszX	
			esP	16	40.30																
																	Z	12s	4.50um		
																	E	12s	2.30um		
LRM	49.57	65	eP	12	32.70	0.1	GLA	57.37	78	ePd	13	30.78	0.6	HRV	70.79	42	P	15	10.00	12.4X	
WMO	49.66	291	P	12	33.00	-0.2	GOL	57.57	66	eP	13	32.45	0.7	OJC	71.15	338	eP	14	58.30	-1.4	
CD2	49.84	268	P	12	35.40	0.8	KAF	58.75	339	iP	13	43.70	4.3X	ANN	71.25	324	eP	14	54.00	-6.3X	
																	Z	18s	1.00um		5.1Msz
																	N	18s	2.00um		
ARN	50.48	79	eP	12	40.04	0.6	KSH	58.92	295	eP	13	37.50	-3.5X	KSP	71.26	341	eP	15	00.00	-0.4	
CMB	50.64	78	eP	12	39.88	-0.8	PUL	60.00	336	eP	13	52.00	4.0X	MTA	71.33	318	eP	15	00.00	-0.9	
GYA	51.57	261	iPc	12	49.00	1.1	TUC	60.17	76	eP	13	48.73	-0.9	CLL	71.41	343	iP	15	01.00	-0.2	
PTI	51.63	68	eP	12	48.66	0.4	ALO	60.54	70	ePc	13	52.53	0.2	BRG	71.66	342	eP	15	04.80	2.0	
MEMM	51.71	77	(P)	12	50.14	1.5	NUR	60.55	339	eP	13	56.10	4.4X	UZH	72.08	336	eP	15	09.00	3.7X	
BRVK	51.84	310	iPd	12	48.50	-1.0	MOS	61.65	330	eP	14	08.00	8.8X	SIM	72.22	327	eP	15	12.00	5.8X	
SVE	53.10	319	ePd	12	59.00	0.1	CHG	61.95	263	eP	14	03.10	1.3	PRU	72.41	341	eP	15	11.00	3.8X	
BW06	53.17	66	iPc	13	00.00	0.1	GUN	62.27	280	P	14	03.28	-1.0	VRAC	72.67	340	iPc	15	22.60	13.9X	
DUG	53.27	71	eP	12	59.92	-0.6	OBN	62.49	330	eP	14	14.00	9.1X	ERE	72.75	317	eP	15	13.00	3.5X	
ISA	53.41	79	P	13	10.00	8.5X	JFWS	62.58	54	P	14	20.00	14.3X	CEH	73.31	50	P	15	20.00	7.3X	
TPNV	53.72	76	eP	13	04.63	0.8	KKN	62.70	280	P	14	06.22	-0.7	PRM	73.34	54	(P)	15	11.89	-1.0	
DAU	53.95	69	eP	13	06.45	0.7	PKI	62.80	280	P	14	06.08	-1.6	KHC	73.41	342	P	15	14.40	1.3	
ARU	54.17	319	ePd	13	04.50	-2.2	HFS	62.81	345	eP	14	04.20	-2.7	ZST	73.63	339	eP	15	16.30	2.0	
KMI	54.83	264	eP	13	12.50	0.3	GKN	62.90	281	P	14	06.78	-1.4	GEC2	73.66	342	PKP	15	14.00	-0.7	
ULM	54.52	51	eP	13	19.00	9.6X	DMN	62.94	280	P	14	07.18	-1.4	SRO	73.74	338	eP	15	17.80	2.8	
GSC	54.60	78	iPd	13	11.09	0.8	EEO	64.40	44	eP	14	20.50	2.9X	TAB	73.84	315	eP	15	16.00	0.0	
EMUT	54.61	70	eP	13	11.04	0.5	MEO	64.82	65	iPd	14	20.20	-0.3	BUD	73.91	338	e(P)	15	16.40	0.5	
ARUT	54.65	73	eP	13	11.04	0.3	SIO	65.24	63	e(P)	14	22.90	-0.2	MLR	74.10	332	eP	15	20.00	2.7	
KMI	54.83	264	eP	13	12.50	0.3	LNO	65.37	62	eP	14	22.60	-1.2	CMP	74.55	333	ePc	15	28.00	8.2X	
FVM	66.38	57	eP	14	29.77	-0.6	TUL	65.37	62	eP	14	23.20	-0.8	KBA	75.43	341	iPc	15	26.60	1.6	
NDI	66.49	287	eP	14	25.50	-5.7X	RLO	65.56	62	e(P)	14	24.10	-1.1	WTTA	75.55	343	iPc	15	33.70	-2.1	
ELC	67.51	57	eP	14	36.69	-0.9	VVO	65.85	63	eP	14	24.00	-3.3X	POO	76.40	283	eP	15	13.50	-17.2X	
MIAR	67.56	62	ePc	14	37.49	-0.4	MNK	65.95	335	eP	14	24.00	-3.3X	VBY	76.58	340	eP	15	36.60	5.4X	
Z	1.1s	19s	17.19nm			5.1mb	KAT	68.65	308	eP	14	48.00	3.4X	LPL	78.02	346	eP	15	45.90	6.4X	
OLY	67.85	59	eP	14	38.86	-0.9	RSNY	67.92	42	P	14	50.00	10.0X	LPG	78.04	346	eP	15	46.10	6.4X	
Z	2.1s	21s	1.22um			5.1Msz	KAT	68.65	308	eP	14	48.00	3.4X	LPG	78.04	346	eP	15	46.10	6.4X	

20d 04h

GBA 78.36 277 P 15 40.00 -1.5
 SKO 78.55 334 eP 15 43.00 0.8
 WRA 79.83 211 P 15 51.00 1.7
 1.2s 4.50nm 4.4mb
 ASPA 83.48 210 iPc 16 11.40 3.1X
 1.2s 14.30nm 5.0mb
 SPA 145.20 180 iPKPc 23 17.40 0.1
 1.0s 31.50nm
 S.D. = 1.2 on 130 of 170 obs.

OCT 20, 1992 04h 08m 02.85±0.29s
 55.473 N ± 8.8km 166.308 E ± 4.1km
 DEPTH = 26.7km (3 depth phases)
 5.0mb (28 obs.)

KOMANDORSKY ISLANDS REGION (4)

PET 5.12 244 ePn 09 20.00 0.3
 SMY 5.35 118 eP 09 20.18 -2.7
 SKR 7.81 236 ePn 09 57.00 -0.4
 MGD 9.48 306 ePnd 10 20.00 -0.6
 KUR 15.56 236 ePc 11 46.00 4.3X
 YSS 16.95 250 iPd 12 04.40 4.9X
 0.7s 30.00nm 4.5mb
 SVW 20.56 59 eP 12 41.23 -0.5
 1.2s 146.41nm 5.2mb
 IMA 21.80 45 eP 12 54.77 0.4
 1.0s 33.93nm 4.7mb
 CRP 22.23 58 eP 12 57.98 -0.7
 SPU 22.28 58 eP 12 59.84 0.7
 SLKM 23.24 60 eP 13 07.34 -1.2
 FBA 24.14 49 ePc 13 17.88 0.8
 1.1s 40.86nm 4.9mb
 TOA 25.00 55 eP 13 26.60 1.1
 KLU 25.19 57 eP 13 26.72 -0.6
 MDJ 25.66 260 eP 13 31.70 -0.1
 1.0s 66.00nm 5.2mb
 MAT 26.89 237 eP 13 46.00 2.8
 1.0s 57.00nm 5.2mb
 CN2 28.50 263 eP 13 57.60 -0.1
 0.8s 11.00nm 4.6mb
 epP 14 06.00 29km
 SNY 30.82 262 eP 14 16.30 -2.1
 ZAK 37.17 289 eP 15 13.00 0.2
 HHC 38.28 271 eP 15 23.40 0.9
 1.4s 43.00nm 5.1mb
 TIA 38.32 261 eP 15 23.00 0.2
 1.0s 15.00nm 4.8mb
 BTO 39.33 272 P 15 32.00 0.7
 SSE 39.90 251 eP 15 38.00 2.1
 TIY 39.92 267 eP 15 37.50 1.4
 XAN 44.53 266 P 16 15.30 1.5
 1.2s 10.00nm 4.6mb
 Z 16s 5.29um 5.6mszX
 N 16s 6.31um
 E 15s 5.50um

NEW 45.58 66 eP 16 23.50 1.5
 1.3s 28.30nm 5.0mb
 GTA 45.91 278 P 16 25.00 0.2
 LZH 45.95 272 Pd 16 26.00 0.8
 1.4s 92.00nm 5.5mb
 Z 14s 4.17um 5.5mszX
 N 14s 4.12um
 pP 16 33.50 25km
 sP 16 36.50
 eS 23 05.00

SES 47.29 60 eP 16 35.00 -0.5
 WMO 49.57 291 P 16 53.00 -0.2
 1.5s 24.00nm 5.0mb
 LRM 49.59 65 eP 16 53.70 0.1
 CD2 49.78 267 eP 16 53.80 -1.1
 1.0s 42.00nm 5.4mb
 GYA 51.52 261 iPc 17 08.80 0.5
 1.0s 23.00nm 5.1mb
 pP 17 16.60 26km
 BRVK 51.73 310 iPd 17 08.50 -1.0
 0.7s 17.00nm 5.1mb

BONR 51.90 76 eP 17 12.07 0.7
 BW06 53.19 66 ePc 17 21.00 0.1
 1.2s 12.79nm 4.8mb
 TPNV 53.76 76 eP 17 25.93 1.0
 0.9s 14.93nm 5.0mb

DAU 53.98 69 eP 17 25.93 -0.8
 ARU 54.06 319 eP 17 25.00 -1.6
 ULM 54.51 51 eP 17 34.00 3.9X
 GSC 54.65 78 eP 17 31.32 -0.1
 KMI 54.77 264 eP 17 33.50 0.9
 1.6s 40.00nm 5.2mb

SRU 55.31 70 ePc 17 36.96 0.6
 PV10 56.64 70 eP 17 47.00 1.0
 GOL 57.60 66 P 17 53.83 1.1
 1.3s 29.59nm 5.2mb
 ALQ 60.58 70 eP 18 13.93 0.6
 0.9s 7.93nm 4.8mb
 NC2 61.99 347 P 18 21.10 -1.3
 0.8s 4.00nm 4.6mb
 GUN 62.19 279 P 18 23.68 -0.8
 1.0s 17.00nm 5.1mb

UPP 62.34 343 iP 18 34.50 9.9X
 KKN 62.62 280 P 18 25.90 -1.3
 PKI 62.71 280 P 18 26.70 -1.3
 GKN 62.81 280 P 18 27.08 -1.3
 DMN 62.86 280 P 18 27.66 -1.1
 EEO 64.38 44 eP 18 40.50 2.2
 MEO 64.84 65 iPd 18 41.10 -0.3
 FVM 66.39 57 eP 18 49.69 -1.6
 0.8s 13.65nm 5.1mb
 MIAR 67.57 62 eP 18 58.07 -0.7
 0.9s 9.05nm 4.9mb
 EKA 69.22 354 P 19 10.00 1.3
 0.9s 4.50nm 4.6mb
 OJC 71.04 338 eP 19 19.50 -0.3
 e 19 20.60 4kmX
 KBA 75.32 341 iPd 19 46.30 1.1
 1.1s 16.00nm 5.0mb
 GBA 78.29 277 P 20 00.80 -1.1
 WRA 79.88 210 P 20 09.10 -1.3
 0.7s 0.50nm 3.6mb X
 ASPA 83.53 210 P 20 33.00 3.6X
 0.9s 4.00nm 4.6mb
 SPA 145.29 180 iPKPd 27 38.40 0.2
 0.8s 12.50nm

S.D. = 1.1 on 59 of 64 obs.
 OCT 20, 1992 04h 09m 01.40±0.49s
 44.914 N ± 4.0km 6.820 E ± 5.2km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
 ML 2.4 (LDG), 2.2 (GEN).

RRL 0.03 284 P 09 02.65 -1.0
 S 09 04.11
 BHB 0.32 103 P 09 08.37 0.2
 S 09 14.36
 RSP 0.39 52 P 09 10.57 1.1
 S 09 16.84
 PZZ 0.46 154 P 09 09.79 -0.9
 S 09 15.69
 LPG 0.59 355 Pg 09 13.10 -0.4
 Sg 09 22.30
 LSD 0.59 23 P 09 13.54 0.0
 S 09 22.60
 LPL 0.61 354 Pg 09 13.40 -0.4
 Sg 09 23.10
 STV 0.76 152 P 09 15.19 -1.1
 S 09 26.15
 ENR 0.81 148 P 09 15.69 -1.5
 S 09 27.44
 ROB 0.97 129 P 09 19.22 -0.7
 S 09 33.34
 SBF 1.14 157 Pg 09 25.00 2.2
 Sg 09 41.30
 FIN 1.22 125 P 09 23.91 -0.2
 IMI 1.26 142 P 09 23.70 -1.2
 PCP 1.29 106 P 09 26.11 0.8
 FRF 1.36 185 Pg 09 26.70 0.3
 Sg 09 44.50
 LRG 1.50 193 Pg 09 29.60 1.3
 Sg 09 48.70
 LMR 1.60 188 Pg 09 30.70 1.0
 Sg 09 51.50
 BGF 3.23 302 Pn 09 53.40 0.2

S.D. = 1.1 on 18 of 18 obs.
 OCT 20, 1992 04h 20m 40.79±0.34s
 55.344 N ± 10.1km 166.450 E ± 5.2km
 DEPTH = 32.5km (8 depth phases)
 4.7mb (20 obs.)

KOMANDORSKY ISLANDS REGION (4)

PET 5.14 246 ePn 21 57.00 -0.4
 SMY 5.21 117 eP 21 56.76 -1.7
 0.4s 36.24nm 5.2mb X
 S 22 56.58
 SKR 7.80 237 ePn 22 32.00 -2.8

Z 14s 3.20um
 E 14s 3.20um
 ADK 10.60 102 eP 23 13.10 -0.2
 1.1s 99.20nm 6.0mb X
 YAK 20.00 304 iPd 25 10.80 -2.3
 1.2s 151.00nm 5.2mb
 SVW 20.56 58 eP 25 18.70 -0.3
 0.9s 59.78nm 5.0mb
 IMA 21.84 45 ePc 25 31.62 -0.4
 0.8s 20.55nm 4.6mb
 BGL 22.12 58 (P) 25 33.10 -1.7
 CRP 22.23 58 eP 25 37.99 2.0
 SPU 22.28 58 eP 25 35.89 -0.5
 KDC 22.52 67 (P) 25 37.66 -0.9
 PMS 23.48 57 eP 25 48.50 0.5
 0.7s 13.10nm 4.6mb
 FBA 24.16 48 iPc 25 54.75 0.2
 0.7s 16.86nm 4.7mb
 KLU 25.20 56 eP 26 04.25 -0.4
 MDJ 25.72 261 eP 26 10.00 0.5
 1.0s 9.20nm 4.3mb
 MAT 26.89 237 (P) 26 24.00 3.6X
 1.0s 28.00nm 4.8mb
 BOD 28.29 297 eP 26 27.20 -5.7X
 CN2 28.57 263 eP 26 37.40 1.9
 0.8s 4.00nm 4.2mb
 MBC 33.47 25 eP 27 18.00 -0.3
 ZAK 37.29 289 eP 27 52.50 1.5
 1.0s 6.00nm 4.4mb
 YKA 38.94 46 eP 28 14.30 9.5X
 1.0s 6.80nm 4.4mb
 DPW 45.24 67 eP 28 56.70 0.2
 i 29 06.60 33km
 NEW 45.56 65 eP 28 59.20 0.2
 1.0s 15.00nm 4.9mb
 e 29 08.00 29km
 GTA 46.01 279 P 29 03.00 0.2
 1.8s 25.00nm 4.8mb
 LZH 46.03 272 eP 29 04.00 1.0
 1.4s 24.00nm 4.9mb
 SES 47.29 60 eP 29 13.00 0.4
 LBFM 47.51 76 eP 29 14.86 0.2
 i 29 25.15 35km
 ORV 48.95 77 eP 29 25.42 -0.2
 LRM 49.57 65 eP 29 30.80 0.2
 e 29 40.20 31km
 ARN 50.48 79 eP 29 36.56 -0.8
 BONR 51.85 76 eP 29 49.31 1.2
 e 29 58.94 32km
 BW06 53.17 66 eP 29 57.79 -0.1
 1.0s 5.50nm 4.5mb
 GSC 54.60 78 eP 30 08.76 0.5
 e 30 18.66 32km
 ARUT 54.65 73 eP 30 09.36 0.7
 KMI 54.84 264 eP 30 12.50 2.3X
 1.6s 30.00nm 5.1mb
 SRU 55.28 70 ePc 30 13.48 0.2
 e 30 23.87 34km
 PV10 56.61 70 eP 30 24.50 1.6
 GOL 57.57 66 eP 30 30.38 0.6
 0.7s 4.51nm 4.6mb
 GUN 62.29 280 P 31 00.28 -2.0
 EEO 64.42 44 eP 31 18.00 2.4X
 FVM 66.39 57 eP 31 27.80 -0.6
 0.6s 17.57nm 5.3mb
 ELC 67.52 57 eP 31 33.79 -1.8
 MIAR 67.57 62 eP 31 35.34 -0.5
 1.1s 10.15nm 4.8mb
 e 31 45.50 33km
 PRM 73.35 54 eP 32 10.93 0.0
 WRA 79.81 211 P 32 48.80 1.7
 0.6s 0.60nm 3.8mb
 ASPA 83.46 210 P 33 08.19 2.1
 0.8s 2.10nm 4.3mb
 SPA 145.16 180 iPKPc 40 15.10 0.0
 0.9s 5.45nm

S.D. = 1.2 on 42 of 47 obs.
 OCT 20, 1992 04h 40m 01.72±0.16s
 55.520 N ± 4.0km 166.303 E ± 2.4km
 DEPTH = 27.0km (5 depth phases)
 5.7mb (109 obs.) 5.9msz (44 obs.)
 KOMANDORSKY ISLANDS REGION (4)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 38S, 87C
 Centroid Location:

Origin Time 04:40: 4.2 0.2				Z 15s 9.00um 5.4MszX				1.6s 380.00nm 6.0mb			
Lat 55.59N 0.03 Lon 166.31E 0.04				i 46 02.00 186kmX				HHC 38.28 271 Pd 47 21.40 0.1			
Dep 16.7 2.8 Half-duration 2.4				e 46 09.00				1.4s 220.00nm 5.8mb			
Moment Tensor: Scale 10**17 Nm				eS 49 55.00				Z 20s 20.20um 5.9Msz			
Mrr= 1.40 0.17 Mtt=-8.14 0.24				e 51 08.00				N 15s 20.60um			
Mff= 6.74 0.17 Mrt=-2.97 0.70				e 45 29.80 -0.8				E 15s 16.50um			
Mrf=-5.78 1.15 Mtf=-5.20 0.18								PP 48 53.00			
Principal Axes:								S 53 12.00			
T Val= 10.89 Plg=28 Azm= 79				Z 15s 28.20um 5.9MszX				TIA 38.33 261 eP 47 21.40 -0.2			
N 0.64 53 216				N 13s 8.05um				2.5s 960.00nm 6.2mb			
P -11.53 21 337				E 13s 18.00um				N 18s 8.32um			
Best Double Couple: Mo=1.1*10**18				PP 46 13.00				E 17s 15.80um			
NP1:Strike=116 Dip=54 Slip= 174				eS 49 52.50				PP 48 55.00			
NP2: 210 85 36				N 13s 26.27 234 P 45 37.10 0.8				S 53 12.00			
				MAT 26.92 237 eP 45 42.00 -0.3				YKA 38.88 47 eP 47 26.20 0.3			
				1.5s 477.78nm 5.9mb				BTO 39.33 272 iPc 47 30.50 0.4			
				Z 20s 9.22um 5.3Msz				1.2s 260.00nm 5.8mb			
				eS 50 23.00				N 15s 33.60um			
				CHJJ 26.95 235 P 45 44.50 2.0				E 15s 18.80um			
				BALM 26.95 57 eP 45 41.92 -0.6				pP 47 43.00 46kmX			
				MTMJ 27.08 238 P 45 45.90 2.1				ePP 49 07.00			
				BOD 28.14 297 iPd 45 51.80 -1.3				S 53 27.50			
				2.0s 700.00nm 6.0mb				sS 53 46.00			
				CN2 28.50 263 Pd 45 54.60 -1.9				SSE 39.92 251 Pd 47 36.00 1.2			
				1.0s 94.00nm 5.5mb				1.0s 27.00nm 4.9mb			
				Z 20s 17.50um 5.7Msz				Z 20s 6.40um 5.5Msz			
				N 15s 26.60um				N 14s 3.40um			
				E 15s 4.95um				E 14s 6.30um			
				epP 46 03.00 29km				PP 49 04.00			
				eS 50 40.00				TIIY 39.92 267 iPd 47 35.00 0.1			
				TSRJ 28.80 239 P 46 02.30 3.1X				1.6s 260.00nm 5.7mb			
				WKYJ 30.05 238 eP 46 11.30 0.8				Z 20s 29.00um 6.1Msz			
				YONJ 30.32 242 eP 46 15.30 2.4				N 16s 23.90um			
				CIT 30.73 286 eP 46 16.00 -0.4				S 53 39.50			
				Z 12s 18.25um				NJ2 40.45 255 Pc 47 41.20 2.0			
				N 11s 8.19um				1.0s 36.00nm 5.1mb			
				E 12s 17.29um				N 15s 13.90um			
				e 47 24.00 361kmX				E 13s 6.67um			
				eS 51 22.00				iS 53 50.00			
				SNY 30.82 262 iPd 46 16.00 -1.2				UER 41.32 296 iPd 47 44.50 -1.6			
				1.6s 390.00nm 6.0mb				1.3s 80.00nm 5.3mb			
				Z 18s 27.60um 6.0Msz				Z 13s 13.30um 6.0MszX			
				N 13s 13.30um				N 13s 12.90um			
				E 15s 16.30um				E 13s 9.56um			
				sP 46 34.00				e 49 54.50			
				PP 47 21.00				eS 54 00.00			
				iS 51 16.00				e 57 00.00			
				TKSJ 30.99 239 eP 46 21.40 2.7				PGC 42.00 69 eP 47 52.50 0.7			
				SHK 31.23 242 eP 46 24.00 3.1X				MCW 42.31 68 (P) 47 55.91 1.5			
				SIT 31.59 63 eP 46 24.00 0.3				GMW 43.03 70 eP 48 00.91 0.7			
				0.8s 85.00nm 5.7mb				HON 43.28 127 P 48 10.00 7.5X			
				SHNJ 32.34 243 eP 46 32.70 2.1				Z 20s 6.38um 5.5Msz			
				MBC 33.35 25 eP 46 39.00 0.1				BMW 43.46 71 ePc 48 04.74 0.9			
				1.0s 14.00nm 4.8mb				LON 44.05 70 ePc 54 54.27 0.3			
				KUMJ 33.75 242 eP 46 45.00 2.1				WHN 44.08 258 eP 48 07.50 -1.4			
				DL2 33.90 260 P 46 40.00 -4.1X				1.1s 64.00nm 5.4mb			
				1.0s 33.00nm 5.2mb				Z 28s 11.90um 5.7MszX			
				Z 20s 18.20um 5.8Msz				N 14s 4.17um			
				N 13s 19.10um				E 14s 20.90um			
				E 13s 12.30um				pP 48 19.70 44kmX			
				PP 48 02.00				eS 54 42.00			
				S 52 02.00				SHW 44.17 71 eP 48 10.54 0.9			
				KAGJ 34.81 240 eP 46 54.00 2.0				XAN 44.53 266 Pd 48 11.80 -0.8			
				IRK 35.61 291 ePd 46 57.10 -1.5				1.2s 58.00nm 5.3mb			
				Z 13s 4.20um 5.4MszX				Z 17s 27.40um 6.2MszX			
				N 13s 6.22um				N 14s 8.33um			
				e 48 23.00 456kmX				E 15s 23.60um			
				eS 52 32.00				sP 48 23.00			
				NR1 35.86 324 ePd- 46 58.00 -2.5				PP 49 58.00			
				1.8s 243.00nm 5.8mb				S 54 46.00			
				Z 18s 58.00um 6.4Msz				ScS 58 10.00			
				E 16s 16.00um				NVS 44.65 305 iPd 48 12.90 -0.3			
				e 48 20.00 428kmX				2.0s 341.00nm 5.9mb			
				ePPP 48 45.00				Z 15s 18.00um 6.1MszX			
				iS 52 36.00				i 49 56.00			
				BJ1 36.20 266 eP 47 02.00 -1.7				eS 54 46.90			
				Z 20s 23.40um 6.0Msz				i 54 48.00			
				N 14s 18.20um				e 58 06.20			
				ePP 48 28.00				MHA 45.23 126 eP 48 18.34 0.2			
				eS 52 42.00				DPW 45.25 67 iPc 48 18.34 0.1			
				ZAK 37.15 289 iPd 47 12.00 0.5				VGB 45.39 71 eP 48 19.16 -0.2			
				2.8s 913.00nm 6.1mb				NEW 45.56 66 iPd 48 21.00 0.3			
				Z 13s 16.58um 6.0MszX				1.3s 137.74nm 5.7mb			
				E 16s 23.50um				GTA 45.90 278 P 48 23.00 -0.6			
				e 48 39.00 459kmX							
				eS 52 57.00							
				MOY 37.67 292 iPd 47 16.50 0.6							

20d 04h

	1.5s	280.00nm	6.0mb	BONR	51.89	76 eP	49 10.57	0.5				ePS	58 30.00		
Z	16s	22.90um	6.2MszX	PKEM	52.25	79 (P)	49 11.12	-1.3				eSS	02 15.00		
E	12s	14.50um		TNP	52.40	76 eP	49 13.35	-0.5			TUC	60.20	76 iPc	50 09.81 0.3	
	pP	48 33.00	33km		0.9s	31.75nm		5.3mb				1.2s	23.04nm	5.2mb	
	PP	50 10.00		BCH	52.90	80 eP	49 16.95	-0.5			Z	19s	4.03um	5.6Msz	
	S	55 06.00		SVE	52.95	318 iPd	49 17.00	-0.4				S	58 32.42		
LZH	45.94	272 iPd	48 24.50	0.5		420.00nm		5.9mb			NUR	60.39	339 eP	50 08.90 -1.4	
	1.5s	450.00nm	6.2mb			ePPP	52 30.00					1.0s	45.60nm	5.6mb	
Z	14s	20.00um	6.2MszX			eS	56 45.00				ALQ	60.56	70 P	50 11.89 -0.2	
N	14s	21.80um				eSS	00 16.00					1.0s	30.31nm	5.4mb	
	pP	48 31.00	22km			eSSS	02 12.00				Z	21s	6.74um	5.8Msz	
	sP	48 34.00		DUG	53.29	71 iPc	49 20.51	0.2			LOE	61.47	259 eP	50 18.50 0.4	
	PcP	49 59.00			1.2s	39.54nm		5.3mb			MOS	61.49	330 eP	50 17.00 -0.8	
	PP	50 10.00		ISA	53.45	79 eP	49 20.62	-0.8				2.0s	320.00nm	6.1mb	
	S	55 07.00			1.0s	21.73nm		5.1mb			Z	19s	5.00um	5.7Msz	
	ScS	58 19.00			Z	19s	8.65um	5.8Msz			N	18s	12.00um		
	SS	58 27.00		ABL	53.62	80 eP	49 22.76	-0.1			E	18s	9.80um		
QZH	46.18	249 P	48 26.00	0.3	TPNV	53.75	76 ePc	49 24.04	0.3			eS	58 38.00		
Z	15s	5.32um	5.6MszX			1.0s	48.18nm	5.5mb			CHG	61.90	262 ePd	50 20.00 -1.1	
E	13s	5.46um				53.79	342 eP	49 22.00	-1.4			1.5s	103.47nm	5.7mb	
	S	55 13.00		SDF	53.97	69 ePc	49 25.87	0.4				eS	58 44.00		
UKR	46.38	300 iPd	48 25.00	-2.0	DAU	53.97	69 ePc	49 25.87	0.4		NC2	61.94	347 P	50 19.00 -1.9	
	2.4s	306.00nm	5.8mb		ARU	54.02	319 iPd	49 23.50	-1.7			1.2s	40.50nm	5.4mb	
Z	16s	10.40um	5.9MszX			Z	14s	14.50um	6.2MszX		GUN	62.18	279 P	50 21.52 -1.8	
	e	50 04.00	533kmX			N	12s	10.50um			UPP	62.29	343 iP	50 23.90 0.8	
	iS	55 12.80				E	16s	4.50um				1.1s	100.00nm	5.9mb	
	e	58 19.00					e	49 31.00	25km			iS	58 46.00		
FHC	46.76	78 iPc	48 31.36	1.2			e	49 40.00			OBN	62.33	330 ePd	50 22.00 -1.5	
SES	47.27	60 eP	48 34.00	-0.2			e	50 27.00			Z	16s	9.00um	6.0MszX	
	1.1s	119.00nm	5.8mb				e	51 24.00			N	16s	9.00um		
LBFM	47.55	76 eP	48 36.75	0.1			eS	57 00.00			E	14s	4.20um		
WDC	47.71	77 P	48 50.00	12.3X			e	59 11.00				e	50 38.00	59kmX	
Z	19s	7.83um	5.7Msz				eSS	00 36.00				e	51 09.00		
DAG	47.94	2 iPc	48 38.50	-0.5	ULM	54.48	51 ePc	49 31.30	2.6			e	52 41.00		
	0.9s	45.38nm	5.5mb		EMUT	54.63	70 ePc	49 30.03	-0.3			ePPP	54 17.00		
Z	20s	7.94um	5.7Msz		GSC	54.64	78 ePd	49 29.79	-0.4			iS	58 48.00		
N	18s	4.81um		ARUT	54.68	73 ePc	49 30.30	-0.3			JFWS	62.56	54 eP	50 23.71 -1.4	
MIN	48.39	77 iPc	48 43.04	-0.1	KMI	54.77	264 Pd	49 30.00	-1.4			0.8s	31.92nm	5.5mb	
ORV	48.99	77 iPc	48 47.40	-0.2		1.6s	280.00nm	6.0mb			Z	20s	14.46um	6.1Msz	
NTYM	49.16	79 eP	48 48.62	-0.2		Z	20s	11.70um	6.0Msz		KKN	62.61	280 P	50 24.38 -1.6	
FCC	49.27	43 ePc	48 53.40	4.0X		N	15s	10.40um			HFS	62.65	345 eP	50 23.50 -2.0	
WMQ	49.55	291 Pd	48 51.50	-0.4		E	15s	5.70um				0.4s	1.00nm	4.3mb X	
	1.5s	170.00nm	5.9mb				sP	49 46.00			Z	20s	6278.00um	8.8MszX	
Z	24s	15.70um	5.9MszX				S	57 04.00				LR	12 43.00		
N	18s	62.60um		SSK	54.95	79 eP	49 32.52	-0.1			PKI	62.70	279 P	50 24.60 -2.1	
E	18s	54.10um		SRU	55.29	70 ePc	49 34.87	-0.2				1.4s	359.00nm	6.3mb	
	PP	50 46.00		PRZ	55.33	296 eP	49 35.00	-0.2			GKN	62.80	280 P	50 25.48 -1.7	
	ScP	54 09.00			2.0s	220.00nm		5.8mb				1.4s	583.00nm	6.5mb	
	S	56 00.00				eS	57 18.00				DMN	62.84	280 P	50 26.02 -1.5	
LRM	49.57	65 ePd	48 51.80	-0.5	PEC	55.48	79 eP	49 34.31	-2.0			2.0s	989.00nm	6.6mb	
CD2	49.77	267 P	48 53.20	-0.6		2.4s	220.85nm	5.8mb			BDT	63.12	261 eP	50 30.20 1.1	
Z	1.2s	220.00nm	6.1mb		OIZ	55.68	253 P	49 40.00	2.3		EEO	64.35	44 ePd	50 38.40 1.5	
E	15s	15.60um	6.1Msz			E	14s	9.38um			MEO	64.82	65 iPd	50 39.50 -0.6	
	iS	56 00.10		PLM	56.05	79 eP	49 40.51	0.0			FNO	65.06	64 iPc	50 40.90 -0.8	
PCC	49.95	80 eP	48 54.63	-0.3	PV10	56.62	70 iPd	49 46.00	1.3		SIO	65.24	63 eP	50 42.20 -0.6	
ARN	50.53	79 ePc	48 59.65	0.2	FRU	56.98	299 iP	49 46.00	-1.0		LNO	65.37	62 ePc	50 42.40 -1.1	
CMB	50.68	78 eP	49 00.78	0.2		3.0s	1350.00nm	6.5mb			TUL	65.37	62 ePc	50 42.70 -0.9	
	1.4s	50.75nm	5.3mb				e	51 56.00	723kmX			0.8s	21.90nm	5.3mb	
Z	22s	5.55um	5.5Msz				ePPP	53 21.00			Z	22s	12.84um	6.1Msz	
	S	56 19.00					eS	57 42.00				S	09 47.00		
KVN	51.23	75 eP	49 04.67	-0.2	GLA	57.41	78 eP	49 49.28	-0.8			LR	13 24.00		
HHA I	51.34	68 ePc	49 06.10	0.5	GOL	57.58	66 eP	49 52.02	0.5		RLO	65.55	61 eP	50 43.60 -1.2	
PRS	51.35	80 iPc	49 05.86	0.2		1.4s	185.60nm	5.9mb			MNK	65.79	335 eP	50 38.00 -8.0X	
LLA	51.38	80 iPc	49 05.88	0.0		Z	20s	9.50um	5.9Msz		Z	20s	10.00um	6.0Msz	
GYA	51.52	261 iPc	49 04.00	-3.2X			S	57 49.88				e	53 06.00		
	1.6s	410.00nm	6.1mb		LSA	57.84	277 iPd	49 53.20	-0.4			ePPP	54 36.00		
Z	18s	19.50um	6.2Msz			1.0s	7.00nm	4.7mb				eS	59 24.00		
N	18s	12.20um				Z	16s	8.29um	5.9MszX			eSS	03 34.00		
E	18s	6.38um		KAF	58.59	339 iP	49 55.80	-2.1			VVO	65.84	63 ePc	50 45.80 -0.8	
	sP	49 23.00			1.0s	35.00nm		5.4mb			SLM	65.94	57 P	51 00.00 12.8X	
	PP	51 06.00		KSH	58.79	295 P	49 58.60	-1.2			Z	21s	10.76um	6.0Msz	
	S	56 25.00			Z	16s	10.60um	6.1MszX			FVM	66.36	57 eP	50 48.49 -1.4	
KEV	51.61	343 eP	49 08.00	0.9		N	12s	6.41um				0.9s	44.85nm	5.6mb	
Z	20s	7.10um	5.7Msz			E	12s	9.70um			Z	20s	24.21um	6.4Msz	
	eS	56 24.00					sP	50 14.00			NDI	66.38	286 iPd	50 49.50 -0.6	
	LR	12 10.00					PP	52 10.00			ACTO	66.44	47 P	50 49.10 -1.2	
PTI	51.64	68 eP	49 08.53	0.6			S	57 58.00			WLVO	66.86	45 P	50 51.72 -1.2	
BRVK	51.70	310 iPc	49 06.50	-1.6			sS	58 14.00			TYNO	66.94	47 P	50 52.25 -1.3	
	1.5s	125.00nm	5.6mb				SS	01 54.00			ELC	67.49	57 eP	50 55.81 -1.3	
Z	16s	18.54um	6.2MszX		JAQ	59.74	37 eP	50 06.00	0.0		MIAR	67.56	62 eP	50 56.89 -0.6	
N	15s	12.24um		PUL	59.84	336 ePd	50 05.00	-1.5				1.1s	38.66nm	5.4mb	
E	15s	15.19um				2.0s	170.00nm	5.8mb			Z	19s	8.65um	6.0Msz	
	eS	56 25.00				Z	18s	7.00um	5.8Msz		OLY	67.84	59 ePc	50 57.85 -1.4	
MEMM	51.75	77 ePc	49 09.74	1.2		N	21s	4.50um			RSNY	67.86	42 P	51 10.00 10.7X	
FRI	51.80	78 iPc	49 08.67	-0.4		E	18s	4.80um				Z	21s	7.98um	5.9Msz
PRI	51.88	80 ePc	49 10.39	0.6			e	58 17.00			GRT	68.22	58 eP	51 01.84 0.2	
											KAT	68.51	308 iP-	51 03.00 -0.4	

Z	15s		10.00um			6.2MszX			e	00	40.00		STR	74.72	345 P	51	40.80	0.5
N	15s		12.00um				BRG	71.51	342 eP	51	21.40 -0.1		BHG	74.74	342 eP	51	40.80	0.4
E	15s		13.00um					1.7s	62.00nm		5.4mb		BUC	74.90	332 ePd	51	38.50	-2.8
			e	51	23.00	76kmX			eS	00	40.00		WLS	74.94	346 P	51	42.42	0.7
			e	53	43.00		WTS	71.51	347 eP	51	23.00 1.6		CDF	74.96	346 P	51	42.11	0.3
			ePPP	55	13.00			1.0s	21.00nm		5.2mb		ECH	75.16	346 P	51	43.77	0.9
			eS	00	22.00		BLA	71.59	51 eP	51	21.98 -0.2		KBA	75.27	341 iPc	51	44.30	0.6
			ePS	00	33.00			1.7s	101.04nm		5.6mb			2.2s	312.00nm		5.9mb	
			e	00	53.00		DBN	71.61	348 eP	51	23.00 1.0			i		51	47.10	9kmX
			eSS	04	33.00		Z	20s	2.00um		5.4Msz		VITF	75.32	347 P	51	44.09	0.3
ASH	68.58	306	eP	51	02.00	-1.9			iS	00	44.00		FEL	75.37	345 P	51	44.09	-0.1
	1.5s		120.00nm			5.8mb	KIS	71.75	331 eP	51	23.00 0.1		MRX	75.39	77 (P)	51	46.50	2.0
			e	51	30.00	112kmX		Z	18s	11.60um		6.2Msz	WTTA	75.39	342 iPc	51	44.60	0.2
			eS	00	03.00			N	18s	10.30um				2.2s	259.00nm		5.9mb	
			ePS	00	27.00		SPC	71.87	337 eP	51	14.00 -9.9X		HAU	75.48	346 eP	51	46.20	1.5
			e	00	50.00				e	51	22.20 26km			2.2s	106.10nm		5.5mb	
			eSS	04	25.00		UZH	71.93	336 eP	51	25.00 1.0		Z	21s	4.20um		5.7Msz	
WAR	68.83	338	e(P)	51	05.00	-0.1			iS	00	44.00		MOF	75.52	346 P	51	45.09	0.0
	Z	18s	8.00um			6.0Msz			e	51	39.20 50kmX		BSF	75.59	346 eP	51	46.60	1.2
			S	00	07.00				e	54	08.00			2.2s	86.10nm		5.4mb	
EKA	69.17	354	P	51	07.00	-0.2			e	00	45.00		FVI	75.84	342 P	51	49.50	2.8
	1.3s		37.30nm			5.3mb	SIM	72.06	326 (P)	51	24.00 -0.9		POO	76.30	283 iPd	51	42.10	-7.7X
GRO	69.43	318	eP	51	10.00	1.0		Z	18s	7.20um		6.0Msz	VBY	76.42	339 eP	51	50.60	0.6
	2.0s		240.00nm			6.0mb			(S)	00	50.00		LOR	76.52	348 eP	51	52.00	1.4
MZX	69.69	79	(P)	51	10.00	-0.8	MOX	72.12	343 eP	51	25.20 0.0			2.1s	142.35nm		5.6mb	
MCWV	69.80	49	P	51	20.00	8.7X		2.2s	128.00nm		5.6mb		Z	21s	4.60um		5.8Msz	
	Z	20s	6.03um			5.8Msz		Z	22s	5.50um		5.8Msz	CTJ	76.57	342 P	51	50.50	-0.5
PYA	69.83	320	eP	51	10.00	-1.4		N	21s	5.70um			SSF	76.77	348 eP	51	53.60	1.7
			iPPP	55	30.00			E	20s	1.90um				2.2s	119.95nm		5.5mb	
KIV	70.03	320	eP	51	11.80	-1.0	PRU	72.25										

20d 04h

RMO	83.05	196	eP	52	26.10	0.5
	1.8s	118.00nm				5.7mb
EBR	83.27	349	eP	52	28.00	1.3
		eS	02	49.00		
BRS	83.38	192	iPd	52	30.00	2.7
ASPA	83.57	210	iPc	52	28.40	0.0
	1.5s	32.30nm				5.3mb
		eS	02	43.70		
GUD	83.86	353	eP	52	33.00	3.0X
EPLA	84.57	354	iPd	52	37.00	3.6X
ECHE	84.64	350	iPd	52	37.00	3.2X
MBH	85.46	319	eP	52	38.00	-0.1
EVIA	85.72	351	eP	52	42.50	3.2X
EBAN	86.30	352	eP	52	45.50	3.4X
EHUE	86.55	351	eP	52	45.20	1.8
HLW	86.66	322	eP	52	43.50	-0.4
		eS	03	09.00		
EHOR	86.74	353	eP	52	47.20	3.0X
EVAL	87.07	354	iPd	52	48.90	3.1X
ECOG	87.16	352	iPd	52	48.00	1.6
EPRU	87.60	353	eP	52	51.00	2.6
EGUA	87.60	352	iPc	52	50.50	2.1
EJIF	88.12	353	eP	52	54.00	3.1X
WARB	88.14	215	eP	52	50.50	-0.3
STKA	89.58	201	eP	52	57.60	0.1
BCAO	114.61	324	iPKPc	58	43.40	2.3
	1.6s	26.00nm				
		ic	59	24.00		
ZOBO	123.16	69	PKP	58	58.00	0.0
		LR	39	40.00		
LPB	123.38	69	PKP	58	57.00	-1.2
	Z 22s	3.70um				6.0msz
		LR	39	16.00		
PDCR	132.76	35	ePKP	59	16.30	0.6
MDZ	135.88	83	e(PKP)	59	07.20	-14.0X
PPD	136.45	55	ePKP	59	25.70	3.2X
SLR	137.44	297	ePKP	59	22.00	-2.5
		e	03	05.00		
MAW	144.13	220	iPKPd	59	33.00	-1.9
	1.2s	41.00nm				
SPA	145.34	180	iPKPc	59	36.30	-0.8
	1.0s	57.00nm				

S.D. = 1.3 on 290 of 333 obs.

OCT 20, 1992 05h 25m 15.49 ± 0.80s
 28.552 N ± 6.1km 32.863 E ± 11.1km
 DEPTH = 10.0km (geophysicist)

EGYPT (553)
 MD 3.8 (HLW), 3.7 (RYD).

KOT	1.64	327	ePn	25	42.50	-2.0
HQL	2.05	69	ePc	25	50.30	0.0
		eS	26	14.65		
MBH	2.14	55	eP	25	50.70	-1.1
PRNI	2.58	46	eP	25	57.90	-0.1
MKT	3.11	39	eP	26	05.20	-0.3
		eS	26	53.90		
JVI	4.00	32	eP	26	18.10	0.0
MASJ	4.02	37	Pd	26	19.30	0.8
WAJH	4.05	125	iPc	26	16.30	-2.6
		eS	27	33.30		
SALJ	4.22	35	Pd	26	22.70	1.3
ASW	4.46	180	eP	26	28.00	3.4X
		eS	27	34.00		
BURJ	4.47	34	P	26	26.00	1.1
JARJ	4.54	35	P	26	26.70	0.8
AKUR	4.64	181	eP	26	31.20	4.0X
		eS	27	39.80		
AGRW	4.89	181	eP	26	32.00	1.3
		eS	27	48.00		
ASKD	4.89	185	eP	26	31.50	0.7
		eS	27	53.00		
AKSR	4.90	178	eP	26	31.00	0.1
		eS	27	46.00		

S.D. = 1.3 on 14 of 16 obs.

& OCT 20, 1992 05h 28m 08.93s
 35.928 N 120.473 W
 DEPTH = 9.8km
 3.9mb (3 obs.)
 CENTRAL CALIFORNIA (39)
 <GM-P>. MD 4.7 (GM). ML 4.3
 (BRK), 4.3 (PAS). Felt (IV) at
 Arenal, Bradley, Cayucos,
 Coolinga, Pasa Robles, San Ardo,
 San Luis Obispo, San Miguel and
 Soledad. Felt (III) at King

City, Lockwood and Son Simeon.
 Also felt at Cholame, Parkfield
 and Shandon.

PHAM	0.11	147	iPg	28	12.03	0.3
PR1	0.26	324	iPc	28	15.10	0.6
PKEM	0.32	66	iPc	28	17.38	1.7
LLA	0.79	331	iPd	28	24.23	0.0
BCH	0.81	157	iPg	28	24.23	-0.4
PRS	0.83	299	iPc	28	24.47	-0.5
SAO	1.15	317	iPc	28	29.30	-1.1
FR1	1.23	30	ePd	28	30.78	-1.0
ABL	1.48	136	eP	28	33.96	-1.9
ISA	1.65	99	eP	28	36.84	-1.3
		eS	28	58.73		
GCC	1.65	312	iPc	28	35.92	-2.1
ARN	1.65	329	eP	28	37.05	-1.1
CMB	2.10	2	eP	28	44.42	-0.3
		eS	29	14.63		
MEMM	2.13	35	ePc	28	45.72	0.8
PCC	2.19	316	iPc	28	43.50	-2.4
BKS	2.40	325	eP	28	47.40	-1.6
ZSP	2.47	325	iPc	28	48.51	-1.3
BONR	2.67	40	eP	28	53.06	0.0
SSK	2.85	126	eP	28	54.23	-1.3
NTYM	3.02	325	iPn	28	55.83	-1.7
GSC	3.05	101	eP	28	56.51	-1.7
TNP	3.38	50	ePn	29	02.47	-0.5
		(S)	29	54.66		
PEC	3.40	126	Pn	29	01.05	-2.1
		(S)	29	43.65		
TPNV	3.55	72	ePn	29	05.11	-0.4
		(S)	30	01.13		
KVN	3.64	30	(P)	29	07.54	0.8
ORV	3.71	348	eP	29	07.13	-0.4
PLM	3.93	130	eP	29	08.53	-2.3
WDC	4.92	341	eP	29	23.18	-1.5
		(S)	30	41.84		
GLA	5.47	120	eP	29	30.01	-2.6
LBFM	5.52	349	eP	29	36.12	2.7
FHC	5.59	332	(P)	29	34.06	-0.2
		(S)	30	51.44		
ARUT	5.94	70	eP	29	39.16	0.0
DUG	7.39	53	eP	30	00.66	1.0
	0.8s	1.96nm				4.3mb X
		eS	32	02.80		
SRU	8.52	65	(P)	30	16.46	1.0
DAU	8.53	56	ePc	30	16.81	1.1
EMUT	8.56	60	eP	30	17.85	1.7
TUC	8.81	111	(P)	30	15.88	-3.4
	0.9s	6.28nm				4.9mb X
VGB	9.58	359	(P)	30	30.26	0.3
LON	10.86	355	(P)	30	51.06	3.6
LRM	11.59	29	eP	31	07.90	10.3
DPW	12.05	7	(P)	31	04.79	1.1
SES	15.99	22	eP	32	01.00	5.5
SIO	19.59	83	eP	32	48.90	8.8
TUL	19.98	83	e(P)	32	41.60	-2.7
	1.0s	2.50nm				3.5mb
LNO	19.98	83	e(P)	32	39.30	-4.9
VVO	20.11	84	e(P)	32	47.90	2.3
RLO	20.57	82	eP	32	48.70	-1.7
ULM	22.83	44	eP	33	15.00	2.0
OLY	23.52	82	(P)	33	17.64	-2.3
ELC	25.07	78	(P)	33	32.78	-2.1
IMA	35.87	338	eP	35	07.19	-3.5
	0.8s	1.72nm				4.0mb
MBC	40.41	0	eP	35	54.00	5.7
	1.0s	4.00nm				4.1mb
	52 obs. associated					

& OCT 20, 1992 05h 48m 04.12s
 35.930 N 120.475 W
 DEPTH = 10.2km
 CENTRAL CALIFORNIA (39)
 <GM-P>. MD 2.7 (GM). ML 2.8
 (PAS).

PHAM	0.11	146	iPd	48	07.26	0.2
PKEM	0.32	66	eP	48	12.52	1.7
BCH	0.81	157	eP	48	19.42	-0.4
ABL	1.49	136	eP	48	29.55	-1.5
		eS	48	50.34		
ARN	1.65	329	eP	48	32.42	-0.9
CMB	2.10	2	eP	48	39.66	-0.2
MEMM	2.13	35	eP	48	40.74	0.7
		(S)	49	07.70		

BONR	2.67	40	eP	48	47.90	-0.3
SSK	2.85	126	eP	48	50.11	-0.6
GSC	3.06	101 (P)		48	51.74	-1.7
TPNV	3.56	72 (P)		49	05.09	4.5
	11 obs. associated					

OCT 20, 1992 06h 57m 58.24 ± 0.26s
 8.958 N ± 3.9km 126.316 E ± 7.0km
 DEPTH = 41.3km (6 depth phases)
 5.1mb (33 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)						
MNI	7.61	191	eP	59	52.50	3.0
KKM	10.42	255	ePc	00	34.50	6.1X
OIZ	18.84	304	P	02	19.00	1.5
MTN	22.18	167	eP	02	52.00	-0.5
	0.5s	75.00nm				5.4mb
KAGJ	22.52	10	P	02	57.20	1.4
SSE	22.54	348	iPc	02	56.50	0.6
	1.0s	81.00nm				5.1mb
Z	20s	0.50um				3.9msz
		eS	07	00.00		
KUMJ	23.83	9	P	03	09.70	1.2
KGM	23.89	255	eP	03	11.50	2.2
NJ2	24.00	344	Pd	03	10.80	0.7
KNA	24.67	174	eP	03	17.10	0.4
	0.4s	46.00nm				5.4mb
IPM	25.48	262	ePd	03	27.00	2.5
	0.9s	71.10nm				5.2mb
GYA	25.50	316	P	03	28.60	3.9X
NST	26.42	287	eP	03	37.00	3.9X
PMG	27.63	131	eP	03	55.00	10.8X
BDT	27.82	290	eP	03	46.20	0.3
CHG	28.28	293	ePc	03	50.70	0.6
	1.0s	10.75nm				4.5mb
TIA	28.39	344	P	03	49.60	-1.3
MAT	29.51	20	eP	04	00.00	-1.0
	0.8s	12.69nm				4.7mb
XAN	29.65	330	P	03	59.80	-2.5
	0.6s	6.10nm				4.5mb
WRA	29.79	165	P	04	01.60	-2.0
	0.6s	7.10nm				4.6mb
WB2	29.79	165	iPc	04	01.40	-2.2
	0.6s	17.10nm				5.0mb
		eScP	07	05.60		
		iS	08	46.80		
DL2	30.11	353	eP	04	06.00	-0.3
	1.0s	33.00nm				5.1mb
MBL	30.60	192	eP	04	10.00	-0.7
OIS	32.11	156	iPc	04	22.20	-1.8
	0.2s	6.00nm				5.1mb
BJI	32.25	345	eP	04	24.00	-1.0
	1.0s	33.00nm				5.2mb
NANU	33.06	198	eP	04	32.50	0.3
ASPA	33.26	167	iPd	04	32.50	-1.5
	0.4s	17.00nm				5.3mb
		eS	09	42.80		
		iPcS	10	58.20		
LZH	33.88	326	eP	04	38.50	-1.0
	2.0s	24.00nm				4.8mb
Z	25s	0.43um				4.1mszX
CN2	34.72	359	Pc	04	46.00	-0.4
	0.8s	21.00nm				5.1mb

MUN	41.84	193	eP	05	47.00	1.1	Z	15s	0.80um	4.1MsZ	Moment Tensor; Scale 10**16 Nm						
GUN	42.48	302	P	05	51.76	0.0	E	15s	0.70um		Mrr=-7.78	0.47	Mtt= 7.30	0.75			
PKI	42.77	301	P	05	53.58	-0.5			e	09 44.00	Mff= 0.48	0.77	Mrt= 4.02	1.54			
	0.6s	40.00nm				5.3mb	SVW	20.64	59 eP	06 13.05	Mrf=-0.01	1.37	Mtf= 0.79	0.56			
KKN	42.95	301	P	05	54.90	-0.5			1.2s	68.77nm	Principal Axes:						
DMN	43.04	301	P	05	55.78	-0.4	IMA	21.84	45 eP	06 21.43	T Val= 8.38	P1g=14	Azm=354				
STKA	43.15	161	iPc	05	56.10	-0.6			1.2s	19.86nm	N	0.41	3	85			
		i	06	08.00	43km		CRP	22.31	58 eP	06 29.80	P	-8.79	76	185			
		i	07	40.40			SPU	22.36	58 eP	06 31.05	Best Double Couple:Mo=8.6*10**16						
GKN	43.56	301	P	05	59.58	-0.7	TIK	22.45	330 eP	06 32.00	NP1:Strike= 81	Dip=31	Slip= -95				
CIT	44.16	349	eP	06	05.30	0.6			2.3s	59.00nm	NP2: 266	59	-87				
RKG	44.18	191	eP	06	06.00	1.1			e	06 45.00							
ADE	45.23	166	e(P)	06	07.30	-6.1X	PWA	23.37	57 eP	06 42.90	QZH	4.63	277 Pn	20 00.50	0.2		
ZAK	45.50	339	eP	06	16.80	1.5	FBA	24.19	49 eP	06 45.70	Z	11s	14.40um				
	0.9s	6.00nm				4.5mb		0.9s	9.03nm	4.3mb	PIP	6.76	205 ePd	20 30.00	-0.3		
MOY	47.39	339	eP	06	30.00	-0.2	TOA	25.07	55 eP	06 57.40	SSE	6.93	342 iPc	20 31.00	-1.7		
GBA	48.10	280	P	06	37.10	0.8	MAT	26.82	236 (P)	07 18.00		0.5s	170.00nm		6.3mb X		
WMO	48.28	323	Pd	06	37.00	-0.5			1.0s	22.00nm	Z	12s	14.40um		4.1MsZ		
	1.0s	21.00nm				5.1mb	LZH	45.78	272 eP	09 58.00			S	21 48.50			
Z	20s	0.54um				4.5MsZ		1.0s	25.00nm	5.1mb	CVP	6.97	195 ePc	20 34.20	0.9		
N	18s	1.58um					SES	47.38	60 eP	10 06.00			eS	21 16.00			
		eS	13	34.50			DAG	47.87	1 ePc	10 10.30	NJ2	8.64	332 Pd	20 54.50	-2.0		
CAN	48.97	155	eP	06	43.20	0.4			isP	11 02.90	N	11s	7.18um				
		i	06	55.50	45km		ARN	50.68	79 (P)	10 33.01	E	12s	7.26um				
DZM	49.99	129	iPc	06	51.10	0.2	BONR	52.04	76 (P)	10 43.86			pP	21 02.50			
UER	50.02	334	iPc	06	50.00	-0.5	ARUT	54.82	73 eP	11 02.45			S	22 30.60			
NDI	50.04	300	iPd	06	50.50	-0.6	SRU	55.42	70 eP	11 05.27	HKC	8.99	258 iP	21 01.60	0.2		
	0.5s	21.13nm				5.4mb	FRU	56.80	299 eP	11 18.80	KAGJ	9.24	42 eP	21 09.10	4.3X		
POO	51.69	286	iPc	06	57.10	-6.7X			e	11 33.40	GZH	9.55	264 eP	21 09.20	0.0		
UKR	54.03	329	iPc	07	18.50	-2.0	GOL	57.70	66 eP	11 23.83		N	10s	7.15um			
ELT	54.68	332	eP	07	27.00	1.6		0.9s	2.06nm	4.2mb	KUMJ	10.19	37 eP	21 20.50	2.6		
TIK	62.64	1 iPc	08	19.50	-0.9		FVM	66.46	57 (P)	12 20.20	WHN	10.22	308 Pc	21 20.00	1.6		
	1.0s	57.00nm				5.7mb		0.7s	5.36nm	4.8mb	E	10s	10.60um				
		i	08	31.00	39km		OJC	70.86	338 eP	12 50.00			eS	23 15.50			
BRVK	62.84	326	iPc	08	21.00	-1.1	WRA	79.90	210 P	13 41.00	TCY	10.65	194 ePd	21 26.50	2.2		
	0.8s	18.00nm				5.3mb		1.0s	1.50nm	3.9mb	TIA	12.96	336 eP	21 58.80	3.3X		
NR1	65.20	346	ePc	08	35.00	-2.2	ASPA	83.55	209 P	14 00.80			1.8s	150.00nm		5.8mb	
	0.7s	34.00nm				5.5mb	SPA	145.41	180 ePKP	21 07.50	E	10s	4.41um				
		e	08	45.00	32km			1.0s	5.50nm		QIZ	13.94	250 P	22 10.00	1.6		
		(S)	16	57.00			S.D. = 1.3 on 24 of 28 obs.						13.94	250 P	22 10.00	1.6	
ILT	69.04	19	iPc	09	01.00	0.3	? OCT 20, 1992 07h 07m 46.51± 3.27s				DL2	14.47	354 eP	22 18.50	3.2X		
	1.0s	30.00nm				5.2mb	21.562 N ± 7.3km 142.882 E ± 31.2km						1.0s	33.00nm		4.9mb	
SVE	69.33	328	ePc	09	02.00	-1.4	DEPTH = 332.7 ± 36.9 km				N	12s	5.66um				
ARU	70.31	327	eP	09	08.00	-1.4	4.0mb (5 obs.)				E	12s	5.40um				
SVW	76.44	29	eP	09	47.10	1.9	MARIANA ISLANDS REGION (215)				GYA	15.48	281 P	22 30.80	2.2		
KDC	77.78	33	eP	09	53.40	0.9	CHJJ	14.83	348 P	11 03.00	Z	12s	6.56um				
IMA	77.81	24	eP	09	54.00	1.2	MAT	15.47	346 (P)	11 09.00	XAN	15.98	310 Pc	22 37.50	2.5		
	0.8s	16.20nm				5.1mb	MTMJ	15.61	345 eP	11 11.20			1.5s	130.00nm		4.8mb	
OBN	82.57	325	eP	10	17.00	-1.2	NI1J	15.98	349 eP	11 15.10	Z	20s	3.95um			4.8MsZ	
	0.8s	20.00nm				5.2mb	QIS	41.98	185 eP	15 07.50	N	12s	8.29um				
KEV	84.87	340	eP	10	35.00	5.4X		0.2s	2.00nm	4.0mb	E	10s	3.70um				
KAF	86.80	332	iP	10	38.50	-0.8	WB2	42.09	192 iPd	15 08.80			S	25 38.00			
	0.4s	3.20nm				4.9mb		0.2s	34.50nm	5.2mb X	TIY	16.29	327 Pd	22 44.00	5.0X		
MBC	86.97	13	ePc	10	40.60	0.6	WRA	42.09	192 P	15 09.40	Z	12s	5.18um			5.9MsZ	
	0.9s	23.00nm				5.4mb		0.7s	4.00nm	3.8mb	BJI	16.73	340 eP	22 47.50	3.1X		
NUR	87.96	331	eP	10	43.80	-1.1	BRS	49.60	168 iPd	16 05.50			1.5s	140.00nm		4.9mb	
HFS	93.23	332	eP	11	07.80	-1.7			i	16 19.50	Z	12s	4.83um			3.9MsZ	
	0.4s	2.70nm				5.0mb	WARB	50.01	199 eP	16 10.50	N	11s	4.10um				
YKA	94.93	24	eP	11	17.90	0.6	STKA	53.15	181 iPc	16 32.60			eS	25 52.00			
	0.6s	6.40nm				5.2mb	FBA	61.92	27 eP	17 32.49	SNY	17.29	360 Pc	22 54.00	2.6		
GEC2	97.75	322	P	11	29.90	-0.6		0.5s	1.81nm	3.9mb			1.6s	140.00nm		4.8mb	
	0.7s	1.22nm				4.5mb	MBC	71.05	15 ePd	18 30.50	Z	10s	10.40um			5.8MsZ	
KIC	128.90	286	PKP	17	03.80	-0.4		0.5s	3.00nm	4.3mb	N	10s	6.59um				
ZOBO	164.14	119	PKP	18	00.90	1.1	SES	83.35	38 eP	19 39.00	MAT	17.33	43 (P)	22 53.00	1.0		
PPD	166.80	190	ePKP	18	01.10	0.0	LRM	84.47	43 eP	19 44.50	Z	20s	2.84um				
		e	19	04.00			HFS	88.74	337 eP	20 02.80			eS	26 18.00			
								0.4s	1.30nm	4.3mb	CD2	18.74	294 iPd	23 09.40	-0.1		
S.D. = 1.2 on 76 of 84 obs.							ZOBO	150.23	85 PKP	27 02.00			10.20um				
OCT 20, 1992 07h 01m 33.89± 0.47s							LPB	150.32	86 PKP	27 03.00			eS	26 39.80			
55.593 N ± 10.9km 166.014 E ± 7.1km							S.D. = 0.8 on 15 of 17 obs.				KMI	19.00	276 Pd	23 15.00	2.0		
DEPTH = 33.0km (normal)							OCT 20, 1992 07h 18m 49.83± 0.15s						1.5s	100.00nm		4.8mb	
4.6mb (10 obs.)							24.495 N ± 2.8km 123.662 E ± 3.2km				Z	10s	8.40um			3.7MsZ	
KOMANDORSKY ISLANDS REGION (4)							DEPTH = 21.4km (6 depth phases)				E	10s	6.60um				
PET	5.03	242	ePn	02	50.00	1.1	5.3mb (86 obs.) 4.9MsZ (7 obs.)						pP	23 21.00	23km		
		eS	03	47.00			SOUTHWESTERN RYUKYU ISLANDS (246)						1.2s	59.00nm		4.7mb	
SKR	7.74	234	ePn	03	25.00	-2.0	ML 5.2 (BJI). Felt (V JMA) on				Z	12s	4.10um			4.4MsZ	
	Z	16s	1.30um				Iriomote-shimo.				E	19s	2.03um				
	N	18s	2.30um				CENTROID, MOMENT TENSOR (HRV)						19.31	4 Pd	23 17.00	0.6	
MGD	9.28	305	ePn	03	48.00	-0.3	Data Used: GDSN						1.0s	48.00nm		4.7mb	
KUR	15.48	236	(P)	05	11.50	0.3	L.P.B.: 18S, 27C				Z	10s	5.89um			4.6MsZ	
	Z	14s	2.70um				Centroid Location:				N	10s	6.02um				
	N	14s	2.20um				Origin Time				E	10s	2.67um				
YAK	19.66	304	eP	06	00.00	-2.5	Lot 24.51N 0.07 Lon 123.54E 0.09						epP	23 23.00	22km		
	1.0s	126.00nm				5.2mb	Dep 30.2 4.4 Half-duration 1.1				KKM	19.69	202 ePc	23 20.00	-0.9		

MTA	66.11	307	eP	29	35.00	-2.6
SPU	66.13	32	eP	29	36.81	-0.7
KDC	66.40	36	eP	29	37.83	-1.3
	1.0s		45.15nm			5.6mb
ERE	66.66	305	iP+	29	42.00	0.7
	1.0s		7.00nm			4.8mb
			e	38	30.00	
			e	38	54.00	
PYA	66.87	309	eP	29	43.00	0.5
Z	14s		1.00um			5.2Mszx
			i	30	13.00	122kmx
SLKM	67.12	32	eP	29	41.86	-1.9
KIV	67.14	309	eP	29	43.50	-0.9
			(S)	38	42.00	
PMR	67.46	31	ePd	29	44.47	-1.4
	0.7s		63.75nm			5.9mb
FBA	67.49	27	eP	29	45.31	-0.7
	0.5s		7.05nm			5.1mb
MOS	67.94	322	eP	29	47.00	-1.9
	1.5s		110.00nm			5.8mb
OBN	68.64	322	iPc	29	52.30	-1.0
	1.5s		70.00nm			5.6mb
			e	30	15.00	88kmx
TOA	68.74	30	eP	29	54.40	0.5
KLU	68.99	31	eP	29	54.91	-0.6
SDF	70.38	336	iP	30	02.50	-1.3
BALM	70.78	31	eP	30	05.50	-0.9
KAF	72.00	331	iP	30	13.00	-0.6
	0.6s		2.80nm			4.5mb
MBC	72.46	13	eP	30	15.00	-1.1
	1.0s		12.00nm			4.9mb
NUR	73.28	329	eP	30	20.00	-1.1
MNK	74.03	322	eP	30	21.00	-4.6X
HRI	75.36	300	eP	30	34.00	0.1
JVI	76.12	299	eP	30	38.30	0.1
DAG	76.41	352	ePc	30	36.90	-2.0
	0.7s		8.90nm			4.9mb
CSS	76.65	302	eP	30	40.00	-0.2
UPP	76.77	330	iP	30	32.40	-8.7X
ARO	77.03	277	eP	30	44.80	1.3
SAGI	77.28	297	eP	30	44.30	-0.3
VR1	77.40	315	ePd	30	45.50	0.5
PPCY	77.44	303	eP	30	44.60	-0.7
MLR	78.05	315	ePd	30	49.00	0.3
HFS	78.39	331	eP	30	49.90	-0.1
	0.7s		8.40nm			4.9mb
Z	16s		532.00um			8.0Mszx
			LR	05	04.00	
ELL	78.60	305	eP	30	51.90	0.0
NC2	79.03	333	P	30	52.60	-1.0
	0.8s		11.10nm			4.9mb
UZH	79.08	319	eP	30	53.50	-0.6
	1.0s		25.00nm			5.2mb
			e	31	07.70	49kmx
PVL	79.35	313	eP	30	57.00	1.4
DIM	79.68	311	eP	30	58.00	0.6
OJC	79.88	321	eP	30	58.70	0.3
RZN	80.38	311	eP	31	06.00	4.5X
PGB	80.40	312	eP	31	07.00	5.6X
PSZ	80.84	319	ePd	31	03.00	-0.6
SRS	81.39	311	eP	31	05.00	-1.5
KKB	81.42	312	eP	31	06.00	-0.7
KSP	81.58	322	iPc	31	07.50	0.2
SOH	81.68	311	eP	31	07.24	-0.9
YKA	81.80	24	eP	31	08.30	0.1
	1.1s		46.70nm			5.4mb
VAY	82.00	312	iP	31	09.40	-0.3
	1.3s		71.00nm			5.6mb
VRAC	82.14	321	iPc	31	11.20	1.0
	1.8s		183.20nm			5.8mb
GRG	82.27	311	ePd	31	09.52	-1.7
SKO	82.48	313	iP	31	12.40	0.2
	0.9s		54.00nm			5.6mb
BRG	82.86	323	eP	31	13.80	

			e	31	50.50	118kmX	PKEM	94.85	47 (P)	32	09.85	-1.8				LR	40	00.00	
			e	32	17.00		BONR	94.93	44 eP	32	13.33	0.9							
GEC2	84.03	321 P		31	20.30	0.2	EPF	94.97	322 eP	32	14.00	1.9				S.D. = 1.4	on	21 of 25 obs.	
	0.9s	15.29nm			5.2mb			1.5s	30.30nm		5.5mb								
PTJ	84.17	318 eP		31	21.10	0.2	HHA1	95.15	37 eP	32	15.16	2.1				? OCT 20, 1992 09h	28m	00.73± 1.25s	
MOX	84.25	324 ePc		31	21.30	0.2			eP	32	30.07	51kmX				39.518 N ±10.3km	29.397 E ±11.8km		
	2.0s	63.70nm			5.5mb		BCH	95.37	48 (P)	32	18.03	3.8X				DEPTH = 10.0km	(geophysicist)		
	Z 19s	0.70um			5.1Msz		TNP	95.55	44 eP	32	16.01	0.9				TURKEY		(366)	
	N 18s	0.50um						0.7s	10.79nm		5.4mb					ALT	0.72	130 ePn	28 15.00 0.0
VBY	84.79	318 eP		31	21.00	-2.9	DUG	96.91	40 eP	32	22.26	1.1				YLV	1.05	359 iPn	28 20.60 0.1
GRF	84.97	323 eP		31	25.30	0.6		1.3s	7.46nm		5.1mb						eSg	28 34.60	
	1.6s	75.00nm			5.7mb		GSC	97.48	46 eP	32	24.45	0.7				KCT	1.08	313 iPn	28 21.10 0.0
	Z 22s	0.30um			4.6Msz		DAU	97.68	39 eP	32	26.46	1.6				EYL	1.20	29 ePn	28 23.10 0.0
BHG	85.08	321 eP		31	19.50	-5.8X	BUL	98.08	42 (P)	32	27.02	0.5				S.D. = 0.1	on	4 of 4 obs.	
KBA	85.14	320 i(P)		31	22.50	-3.3X		102.50	253 iPd	32	45.40	-1.2				? OCT 20, 1992 10h	43m	48.37± 6.78s	
	1.0s	19.70nm			5.3mb		NVL	120.08	201 iPKPc	37	39.60	-0.1				33.881 S ±17.8km	72.533 W ±53.2km		
		i		31	32.30	31km			e	38	04.00					DEPTH = 33.0km	(normal)		
WIT	85.60	327 eP		31	29.50	1.8	KIC	121.14	294 PKP	37	42.80	-0.6				OFF COAST OF CENTRAL CHILE		(134)	
FUR	85.76	322 eP		31	29.40	0.7	TIC	121.21	295 PKP	37	43.00	-0.6				MD 4.0 (SAN).			
PGC	85.78	38 eP		31	30.00	1.3	LIC	121.45	295 PKP	37	43.40	-0.6							
WTS	86.01	326 eP		31	30.00	0.2	PDCR	159.83	303 ePKP	38	49.20	0.3				LCCH	0.90	64 iPd	44 04.58 -0.1
	1.2s	23.00nm			5.3mb		ZOBO	166.26	56 PKP	38	57.20	1.5					iS	44 15.27	
OGA	86.60	321 iPc		31	33.20	0.1		1.4s	35.91nm							LNV	0.94	95 iPd	44 04.81 -0.3
	1.5s	35.00nm			5.4mb		LP8	166.44	56 PKP	38	58.40					IHA	1.13	41 eP	44 06.80 -1.1
OSS	87.20	321 ePc		31	36.50	0.5	JFO	167.71	280 ePKP	38	49.80	-6.2X					iS	44 22.10	
RMW	87.35	38 eP		31	37.87	1.3	BDF	168.17	316 PKPc	38	57.40	0.9				TACH	1.35	81 iPd	44 10.36 -0.7
SLE	87.54	322 ePc		31	37.30	-0.1			e	38	58.50					ROCH	1.56	55 iPd	44 14.29 -0.1
VDL	87.70	321 (P)		31	38.77	0.3			e	39	01.30						iS	44 33.62	
WLF	87.71	325 P		31	39.00	0.9			e	40	05.10					CHCH	1.56	92 iPd	44 14.18 -0.1
LON	87.75	39 eP		31	39.24	0.8			e	40	08.20						iS	44 32.00	
ZLA	87.76	322 ePc		31	38.50	0.0			e	40	09.50					SAN	1.62	75 iPd	44 14.82 -0.2
LLS	87.76	321 ePc		31	38.90	0.2			e	40	12.80					PCH	1.70	82 iPd	44 15.82 -0.5
CDF	87.84	323 eP		31	38.70	-0.2	BAO	168.21	317 e(PKP)	38	55.00	-1.5					iS	44 35.56	
	1.2s	54.75nm			5.7mb				e	40	04.00					PEL	1.71	65 iP+	44 16.83 0.5
TMA	88.26	321 ePc		31	41.00	-0.1			e	40	07.00						iS	44 36.52	
BSF	88.44	323 eP		31	41.00	-0.8	CCH	168.43	54 PKP	38	59.00	2.1				FCH	1.95	74 iPd	44 19.81 -0.3
	0.9s	11.30nm			5.2mb		YJA	171.27	76 ePKPc	39	01.50	3.0X					iS	44 42.32	
HAU	88.58	323 eP		31	41.70	-0.7	PPD	174.77	297 ePKP	39	00.70	1.4				JACH	2.02	54 iP+	44 20.71 -0.1
	0.9s	13.10nm			5.3mb												iS	44 45.43	
	Z 19s	0.45um			4.9Msz		S.D. = 1.1 on 204 of 224 obs.							MDZ	3.24	73 e(P)	44 45.80 7.7X		
MMK	88.81	321 ePc		31	44.50	0.7	* OCT 20, 1992 07h 42m 06.55± 0.60s							RFA	3.48	106 eP	44 42.20 0.6		
VGB	89.04	39 eP		31	45.85	1.2	24.431 N ±10.5km 123.918 E ± 9.4km									(S)	45 26.20		
DPW	89.11	36 eP		31	45.89	0.9	DEPTH = 19.6km (2 depth phases)							RTCV	3.92	60 iPc	44 48.50 0.7		
DIX	89.11	321 ePc		31	45.80	0.5	4.5mb (10 obs.)							RTCB	3.95	54 ePc	44 49.40 1.1		
EMS	89.39	322 ePc		31	46.60	0.1	SOUTHWESTERN RYUKYU ISLANDS (246)							CFA	4.27	59 ePc	44 53.00 0.3		
RSL	89.78	321 P		31	47.93	-0.4	ML 3.9 (BJI).							RTLL	4.27	55 ePc	44 52.70 -0.1		
LPG	89.82	321 eP		31	48.60	-0.1										S	45 42.00		
	1.0s	54.40nm			5.8mb		QZH	4.87	277 eP	43	20.10	-0.4				MRA	5.91	78 e(P)	45 15.00 -0.9
LPL	89.82	321 eP		31	48.60	0.0	SSE	7.07	341 eP	43	47.50	-3.9X				S.D. = 0.6 on 17 of 18 obs.			
	1.1s	54.45nm			5.7mb		GYA	15.72	281 P	45	50.00	1.4				* OCT 20, 1992 10h 59m 59.65± 1.12s			
LOR	90.37	324 eP		31	50.10	-0.7	XAN	16.20	310 eP	45	56.90	2.2				7.195 N ±14.9km	76.583 W ±14.2km		
	1.3s	19.15nm			5.2mb		TIY	16.47	326 eP	46	01.30	3.1X				DEPTH = 10.0km	(geophysicist)		
	Z 21s	0.47um			4.9Msz		BJI	16.87	339 eP	46	07.50	4.4X				4.2mb (2 obs.)			
LBF	90.48	323 eP		31	50.60	-0.8		1.0s	13.00nm		4.0mb					NORTHERN COLOMBIA		(99)	
	1.3s	26.35nm			5.4mb		CD2	18.97	294 eP	46	28.20	-1.1							
SSF	90.69	324 eP		31	51.70	-0.6	CN2	19.36	3 eP	46	35.50	1.6							
	0.9s	5.10nm			4.8mb			1.0s	7.40nm		3.9mb					BMG	3.48	92 eP	00 57.00 1.9
LBFM	90.72	43 eP		31	53.37	0.6			eP	46	42.50	26km				BOG	3.58	135 eP	00 58.00 1.3
SMF	90.76	323 eP		31	52.10	-0.5	HHC	19.36	331 eP	46	35.40	1.4					eS	01 38.00	
	1.1s	30.05nm			5.5mb			1.6s	65.00nm		4.6mb					PSO	6.01	187 eP	01 36.00 4.9X
AVF	90.94	324 eP		31	52.90	-0.5	BTO	19.89	327 eP	46	37.20	-2.5				SDV	6.13	74 iPnc	01 30.90 -1.7
	1.1s	13.45nm			5.2mb		MDJ	20.66	12 eP	46	53.00	5.4X					iSn	02 40.30	
CSY	91.05	185 eP		31	54.60	1.4		1.8s	41.00nm		4.5mb					TOV	7.19	69 eP	01 46.40 -1.1
	1.1s	26.40nm			5.5mb		LZH	20.83	309 eP	46	50.50	0.9				ZOBO	24.79	160 P	05 22.00 -1.9
SES	91.15	31 ePd		31	54.70	0.3		2.0s	61.00nm		4.6mb						i	12 28.30	
	1.1s	50.00nm			5.8mb		CHG	23.86	261 eP	47	20.00	0.3				MBC	72.84	350 eP	11 31.00 1.0
LMR	91.23	320 eP		31	54.30	-0.5	GTA	25.22	312 P	47	30.00	-2.8					1.0s	3.00nm	4.3mb
	1.5s	79.90nm			5.8mb			1.0s	10.00nm		4.4mb					KHC	84.72	41 eP	12 36.00 0.7
FCC	91.35	19 eP		31	59.00	3.9X	WRA	45.26	166 P	50	24.60	-0.1					e	12 44.90	
MAF	91.72	324 eP		31	57.10	0.1		0.6s	8.40nm		4.9mb					GEC2	84.83	42 P	12 36.30 0.4
	1.2s	23.20nm			5.4mb		WB2	45.26	166 iPd	50	24.50	-0.2					0.8s	1.08nm	4.1mb
ORV	91.97	45 eP		31	58.79	0.5		0.7s	13.60nm		5.0mb						e	12 42.80	
	(pP)			32	12.54	46kmX	ASPA	48.78	168 iPd	50	52.30	0.0				ASPA	146.48	237 iPKPc	19 41.60 -0.6
CAF	92.80	323 eP		32	02.40	0.3		0.8s	5.90nm		4.7mb						1.3s	3.90nm	
	1.4s	57.95nm			5.8mb		SVW	64.35	32 eP	52	43.15	0.1				S.D. = 1.6 on 9 of 10 obs.			
RJF	92.87	323 eP		32	02.60	0.3	CRP	66.00	32 eP	52	52.67	-1.1				& OCT 20, 1992 11h 30m 09.48s			
	1.2s	36.60nm			5.7mb		SPU	66.06	32 eP	52	53.55	-0.5				59.057 N	152.372 W		

20d 11h

AUI	0.61	298	eS	30	33.46	
			eP	30	23.65	-0.4
			eS	30	33.63	
AUP	0.62	300	eP	30	23.88	-0.4
AUH	0.63	300	eP	30	24.25	-0.1
AUL	0.64	301	eP	30	23.97	-0.4
AUW	0.65	300	eP	30	24.30	-0.2
CDD	0.67	260	iP	30	23.96	-0.8
			eS	30	34.98	
HOM	0.71	31	eP	30	24.50	-0.6
			eS	30	35.53	
OPT	0.74	324	eP	30	24.79	-0.8
CNPM	0.75	51	eP	30	24.81	-0.8
			eS	30	36.45	
MCNL	1.02	278	eP	30	27.70	-1.1
			eS	30	41.41	
BRLK	1.04	46	eP	30	28.07	-1.0
			eS	30	42.07	
INE	1.07	341	eP	30	28.65	-0.9
			eS	30	42.69	
INW	1.09	339	eP	30	29.14	-0.6
			eS	30	43.02	
PDB	1.18	309	eP	30	29.73	-1.2
			eS	30	45.20	
KDC	1.31	183	eP	30	31.67	-0.9
RED	1.38	352	eP	30	32.68	-0.9
			eS	30	50.40	
RS1	1.42	352	eP	30	33.53	-0.7
RSO	1.42	352	eP	30	33.49	-0.7
			eS	30	51.89	
RS2	1.42	352	eP	30	33.54	-0.7
			eS	30	51.85	
RDW	1.45	351	iP	30	33.78	-0.8
			eS	30	51.74	
REF	1.45	354	iP	30	33.80	-0.7
			eS	30	52.14	
RDN	1.47	352	eP	30	34.21	-0.6
RDT	1.52	359	iP	30	34.44	-1.0
			eS	30	53.36	
NCT	1.54	350	eP	30	34.83	-0.8
			eS	30	54.80	
DFR	1.55	354	eP	30	34.99	-0.8
NKA	1.79	18	eP	30	39.74	0.9
SLKM	1.82	36	eP	30	38.01	-1.4
SEW	1.82	54	eP	30	37.75	-1.6
BKG	2.02	2	iP	30	41.51	-0.7
MPA	2.09	45	eP	30	41.82	-1.3
SPU	2.14	4	eP	30	42.83	-0.9
CKL	2.15	0	eP	30	43.25	-0.7
CKT	2.15	2	eP	30	43.32	-0.7
CKN	2.18	2	eP	30	43.70	-0.6
BGL	2.21	360	eP	30	44.22	-0.7
CRP	2.22	3	eP	30	44.54	-0.5
CGLM	2.27	4	eP	30	44.91	-0.7
NCG	2.36	3	eP	30	46.14	-0.7
PTE	2.47	41	eP	30	46.82	-1.5
SUA	2.55	18	eP	30	48.60	-0.9
PMS	2.61	31	eP	30	49.14	-1.1
KNIM	2.68	59	eP	30	49.49	-1.8
SKT	2.96	8	eP	30	54.11	-1.1
PLRM	3.01	31	eP	30	53.83	-2.0
KNK	3.07	38	eP	30	54.72	-1.9
GHO	3.22	31	eP	30	57.01	-1.7
GLI	3.22	53	eP	30	56.06	-2.7
HIN	3.26	63	eP	30	57.36	-2.0
FID	3.42	58	eP	30	58.50	-3.0
CVA	3.66	63	eP	31	02.56	-2.3
VLZ	3.67	53	eP	31	03.05	-1.9
SCM	3.74	40	eP	31	04.35	-1.7
54 abs. associated						
% OCT 20, 1992 12h 07m 06.14±0.74s						
44.998 N ± 4.9km 7.160 E ± 8.4km						
DEPTH = 5.0km (geophysicist)						
NORTHERN ITALY (545)						
ML 1.8 (GEN).						
RSP	0.17	24	P	07	09.80	0.1
			S	07	12.24	
BHB	0.17	155	P	07	09.98	0.3
			S	07	12.52	
RRL	0.28	254	P	07	12.01	0.2
			S	07	16.11	
LSD	0.46	360	P	07	15.19	-0.2
			S	07	20.91	
PZZ	0.49	185	P	07	15.70	-0.4
			S	07	21.79	

S.D. = 0.4 on 5 of 5 obs.						
& OCT 20, 1992 13h 02m 01.70s						
39.980 N 120.762 W						
DEPTH = 8.0km						
NORTHERN CALIFORNIA (36)						
<BRK>. ML 4.0 (BRK), 3.7 (GS).						
Felt (IV) at Crescent Mills,						
Greenville, Meadow Valley,						
Paradise and Quincy. Felt (III)						
at Genesee Valley, Litchfield,						
Portola, Standish, Taylorsville						
and Twain.						
ORV	0.71	234	iPc	02	14.81	-1.1
MIN	0.74	300	iPc	02	15.03	-1.5
WDC	1.49	294	eP	02	26.81	-1.9
			eS	02	46.38	
LBFM	1.61	328	eP	02	30.58	-0.1
CMB	1.96	171	ePd	02	35.69	0.0
			eS	03	01.60	
NTYM	2.17	224	eP	02	37.84	-0.7
			eS	03	03.85	
KVN	2.26	113	eP	02	39.90	-0.2
ZSP	2.34	210	eP	02	41.59	0.5
BKS	2.39	209	iPc	02	41.64	-0.2
			eS	03	12.37	
FHC	2.59	289	eP	02	47.63	2.9
ARN	2.70	193	eP	02	45.74	-0.4
			(S)	03	20.76	
MEMM	2.71	148	eP	02	47.70	1.3
PCC	2.78	208	ePc	02	47.26	-0.1
BONR	2.79	136	eP	02	48.15	0.4
SAO	3.25	190	iPc	02	53.51	-0.5
TNP	3.35	123	eP	02	55.48	-0.1
LLA	3.36	182	iPc	02	55.75	0.2
PRS	3.67	188	iPc	02	59.50	-0.5
PHAM	4.15	176	eP	03	13.78	7.1
TPNV	4.66	129	(P)	03	14.21	0.1
VGB	5.53	360	(P)	03	25.59	-0.8
DUG	6.10	85	eP	03	33.62	-0.9
ARUT	6.12	109	eP	03	33.76	-1.0
MCMT	7.60	48	eP	04	06.50	10.9
SRU	7.96	93	eP	04	02.04	1.4
25 obs. associated						
OCT 20, 1992 13h 06m 46.98±0.61s						
39.369 S ± 8.6km 174.162 E ± 9.0km						
DEPTH = 200.0km (geophysicist)						
NORTH ISLAND, NEW ZEALAND (159)						
NRZ	0.18	280	Pd	07	16.20	2.9
BSZ	0.73	126	eP	07	16.90	1.5
MOZ	1.00	30	Pc	07	17.70	0.7
			S	07	39.30	
CNZ	1.09	81	P	07	18.20	0.4
NGZ	1.13	81	P	07	18.50	0.4
DIW	1.44	187	Pd	07	22.50	2.0
KIW	1.60	159	P	07	22.90	1.0
WAHZ	1.73	102	Pd	07	23.00	-0.2
TCW	1.84	177	Pc	07	26.10	1.9
CAW	1.87	159	Pc	07	25.40	0.9
WLZ	1.87	37	P	07	25.20	0.7
			eS	07	52.10	
WHH	1.88	76	P	07	23.60	-1.1
MRW	1.91	168	Pc	07	26.00	1.2
			eS	07	52.10	
PATZ	1.91	60	P	07	24.90	-0.1
QRZ	1.92	220	P	07	27.20	2.2
WEL	1.97	167	P	07	26.50	1.0
			eS	07	53.20	
MTW	2.06	151	P	07	26.70	0.3
TTH	2.07	96	Pc	07	26.50	0.0
TAZ	2.16	59	P	07	27.20	-0.2
MOW	2.21	158	P	07	28.30	0.2
BLW	2.23	154	P	07	28.60	0.3
PAHZ	2.31	78	P	07	28.50	-0.6
MOH	2.33	85	Pc	07	28.90	-0.5
URZ	2.56	65	Pd	07	30.10	-1.7
			S	08	00.10	
THZ	2.58	201	P	07	33.80	1.6
			eS	08	07.50	
KUZ	2.89	26	P	07	36.50	0.8
MAHZ	2.89	88	P	07	35.10	-0.7
DSZ	2.98	216	P	07	38.50	1.7
KHZ	3.08	189	P	07	39.10	1.1
			eS	08	16.00	

NOZ	3.11	77	P	07	36.90	-1.4
HBZ	3.70	63	P	07	43.40	-2.1
LTZ	3.70	202	P	07	46.50	0.9
MOZ	4.48	194	P	07	54.40	-0.9
			eS	08	44.30	
EWZ	4.83	210	P	08	00.50	0.8
BWZ	6.06	210	eP	08	14.50	-1.2
ODZ	6.24	204	eP	08	17.80	-0.2
LRCZ	6.72	211	P	08	22.90	-1.5
MHZ	6.74	211	eP	08	21.80	-2.9
LSCZ	6.75	210	P	08	23.20	-1.5
MMCZ	6.76	212	eP	08	23.10	-1.7
SBCZ	6.76	211	P	08	23.10	-1.7
CMCZ	6.82	211	eP	08	24.30	-1.3
TLC	6.93	211	P	08	24.50	-2.7
TUZ	7.38	205	eP	08	32.30	-0.6
S.D. = 1.4 on 44 of 44 abs.						
OCT 20, 1992 13h 06m 53.89± 0.38s						
7.166 N ± 4.5km 76.586 W ± 8.6km						
DEPTH = 10.0km (geophysicist)						
4.6mb (5 obs.)						
NORTHERN COLOMBIA (99)						
HOBC	2.83	171	ePc	07	39.06	-1.0
CLMC	3.26	180	eP	07	45.79	-0.5
AZUC	3.48	173	eP	07	49.80	0.2
BMG	3.49	91	iPc	07	58.00	8.6X
BOG	3.56	135	eP	08	04.00	13.4X
			eS	08	54.00	
ANCC	3.64	184	eP	07	50.62	-0.9
HOQC	3.67	181	ePc	07	51.25	-1.0
SILC	4.46	177	eP	08	04.22	0.8
PURC	4.82	177	eP	08	10.93	2.2X
SDV	6.14	73	iPnc	08	27.50	0.5
			iSn	09	37.20	
TOV	7.21	68	eP	08	41.80	-0.2
STH	10.85	359	iPd	09	31.02	-1.4
ZOBO	24.76	160	P	12	19.70	1.8
LPB	25.00	160	eP	12	37.00	17.1X
CNCB	25.30	160	eP	12	30.00	7.1X
MIAR	31.43	332	eP	13	16.66	-0.9
	0.7s		4.68nm			4.5mb
FVM	33.15	340	eP	13	32.33	-0.2
	0.6s		39.54nm			5.5mb
GOL	41.43	326	eP	14	42.51	-0.1
	0.9s		9.24nm			4.5mb
DAU	45.32	322	(P)	15	14.46	0.2
BW06	45.83	326	eP	15	17.79	-0.4
	1.3s		7.38nm			4.5mb
ULM	45.87	343	eP	15	19.00	0.9
BONR	48.59	315	eP	15	41.79	1.7
MCMT	48.97	326	eP	15	43.50	0.7
RMW	55.57	324	(P)	16	33.00	1.0
YKA	61.79	341	eP	17	13.30	-1.7
	0.7s		5.70nm			4.9mb
M8C	72.86	350	eP	18	23.50	-0.9
GBA	146.97	51	PKP	26	42.00	4.7X
WRA	147.44	244	PKP	26	39.20	1.2
	0.8s		1.00nm			
S.D. = 1.0 on 22 of 28 obs.						
OCT 20, 1992 13h 23m 54.03± 0.31s						
3.483 N ± 8.7km 82.674 W ± 11.6km						
DEPTH = 10.0km (geophysicist)						
4.7mb (8 obs.) 4.8Msz (1 obs.)						
SOUTH OF PANAMA (83)						
ARE	22.69	151	eP	28	57.00	-0.5
PAG	24.12	57	eP	29	10.00	-1.2
ZOBO	24.34	144	iPc	29	12.00	-2.0
	1.0s		35.00nm			4.9mb
Z	23s		1.05um			4.3MszX
			S	33	32.00	
			LR	37	00.00	
LPB	24.56	144	P	29	16.90	1.1
Z	18s		2.75um			4.8Msz
			LR	38	30.00	
CNCB	24.84	145	P	29	18.20	-0.6
CCH	26.38	142	eP	29	35.00	2.1
OLY	32.89	347	eP	30	30.01	-0.4
ELC	34.17	351	eP	30	41.72	0.1
FVM	35.06	349	eP	30	49.23	0.0
	0.6s		10.98nm			4.9mb
ALQ	38.30	328	eP	31	17.05	0.2
	1.2s		16.29nm			4.6mb
TUC	38.95	321	eP	31	22.55	0.3

GLA	1.1s	9.08nm	4.4mb	
SRU	42.05 318 eP	31 47.25	-0.4	
PLM	43.57 328 eP	32 00.06	-0.1	
PEC	43.60 317 eP	32 00.40	-0.1	
	44.12 317 eP	32 03.85	-0.7	
EMUT	1.3s	15.86nm	4.7mb	
ARUT	44.24 329 eP	32 06.59	0.9	
GSC	44.25 324 eP	32 05.84	0.2	
DAU	44.72 319 eP	32 09.52	0.1	
TNP	44.91 329 eP	32 11.36	0.2	
	46.69 322 eP	32 24.54	-0.6	
	0.8s	5.24nm	4.6mb	
BONR	47.29 321 eP	32 30.19	0.2	
HHA1	47.60 331 eP	32 32.83	0.6	
ULM	47.92 349 eP	32 35.00	0.6	
LRM	49.53 333 eP	32 47.80	0.6	
ORV	50.25 321 eP	32 52.13	-0.4	
LBFM	51.54 323 eP	33 01.37	-1.2	
SES	52.52 337 eP	33 10.00	0.4	
VGB	53.47 327 eP	33 16.78	0.0	
DPW	53.73 331 eP	33 17.60	-1.0	
MBC	75.51 352 eP	35 40.00	0.1	
	0.7s	3.00nm	4.5mb	
FBA	76.48 337 eP	35 41.33	-4.3X	
	1.5s	12.72nm	4.8mb	
WB2	140.37 243 ePKP	43 15.90	-10.2X	
	0.6s	3.00nm		
WRA	140.38 243 PKP	43 24.90	-1.2	
	0.8s	1.80nm		
COOL	144.68 217 ePKP	43 27.00	-6.4X	
GKN	146.40 21 PKP	43 35.32	-1.2	
KKN	146.81 20 PKP	43 38.24	1.0	
GUN	146.90 19 PKP	43 38.44	0.9	
DMN	146.92 20 PKP	43 38.44	1.0	
PKI	147.06 20 PKP	43 38.60	0.8	

S.D. = 0.9 on 36 of 39 obs.

OCT 20, 1992 13h 39m 59.66±0.27s
 42.274 N ± 3.0km 19.416 E ± 2.6km
 DEPTH = 12.2 ± 2.4 km
 NORTHWESTERN BALKAN REGION (383)
 MD 3.8 (ATH), 3.7 (VIE), 3.6
 (THE). ML 3.6 (TTG), 3.4 (TIR),
 3.1 (LJU). Felt (V) at
 Podgorica, Yugoslavia.

TTG	0.19 324 iPg	40 05.13	1.0	
	iSg	40 08.74		
SDA	0.23 164 iPg	40 05.60	0.9	
	iSg	40 10.50		
ULC	0.33 202 iPg	40 06.83	0.1	
	iSg	40 12.31		
BCI	0.49 79 iPg	40 12.00	2.3	
	iSg	40 21.00		
PVY	0.52 52 iPg	40 09.10	-1.2	
	iSg	40 18.49		
NKY	0.62 330 iPg	40 11.73	-0.3	
	iSg	40 21.38		
LACI	0.67 161 iPg	40 12.50	-0.3	
	iSg	40 22.50		
IVA	0.70 31 iPg	40 13.23	0.0	
	iSg	40 23.83		
HCY	0.70 285 iPg	40 13.15	-0.2	
	iSg	40 23.53		
BRY	0.90 315 iPg	40 16.54	-0.2	
	iSg	40 30.13		
PLE	1.06 359 iPg	40 19.63	0.2	
	iSg	40 35.64		
SKO	1.54 101 iPh	40 27.50	0.7	
	iPg	40 28.70		
	iSg	40 48.50		
	iSg	40 50.40		
FNA	2.09 135 ePh	40 36.08	1.1	
	eSn	41 09.40		
BRT	2.17 231 P	40 35.30	-0.7	
VAY	2.54 111 iPh	40 42.20	0.9	
KEK	2.57 173 ePh	40 41.50	-0.3	
GRG	2.60 119 ePh	40 42.52	0.4	
	eSn	41 22.30		
KZN	2.65 137 ePh	40 43.20	0.3	
KKB	2.76 97 P	40 45.00	0.5	
IGT	2.83 165 ePh	40 44.36	-1.0	
VTS	2.83 82 iPh	40 45.00	-0.5	
KNT	2.83 112 ePh	40 45.36	-0.1	
LIT	3.18 132 ePh	40 50.50	0.1	
MMB	3.29 101 eP	40 53.00	1.0	
SOH	3.29 115 ePh	40 51.88	-0.2	

PGB	3.53 84 eP	40 56.00	0.6	
DUI	3.75 262 P	41 00.50	1.9	
AGG	3.93 145 ePh	41 00.60	-0.5	
	eSn	41 53.30		
GZR	3.95 37 ePd	41 04.00	2.6X	
RZN	3.99 97 eP	41 03.00	0.9	
VLS	4.19 167 ePh	41 02.00	-2.7	
	eSn	41 50.70		
SDI	4.21 264 P	41 05.30	0.2	
PTJ	4.40 327 ePh	41 53.80	46.0X	
	iSn	42 03.40		
VBY	4.41 318 iPh	41 08.60	0.7	
	iSn	41 56.60		
KDZ	4.52 96 eP	41 09.00	-0.4	
CEY	4.99 316 ePh	41 16.80	0.7	
	eSn	42 14.80		
MNS	4.99 274 P	41 16.40	0.2	
ASS	5.04 281 P	41 17.00	0.1	
ATN	5.10 218 P	41 14.00	-3.7X	
LJU	5.15 319 e(Ph)	41 21.00	2.7X	
	eSn	42 17.00		
BUD	5.22 357 eP	41 17.00	-2.2	
BUC	5.32 64 eP	41 22.50	1.7	
VOY	5.47 315 iPh	41 22.70	-0.2	
	eSn	42 25.00		
CRE	5.64 286 P	41 27.30	1.9	
PSZ	5.66 3 iPh	41 23.30	-2.2	
MLR	5.71 53 ePh	41 25.50	-0.9	
RBL	5.91 317 P	41 28.90	-0.2	
VRI	6.37 53 ePd	41 34.50	-1.1	
FVI	6.42 315 P	41 37.00	0.8	
KBA	6.46 320 iPh	41 36.80	-0.3	
	iSn	42 51.40		
CTI	6.74 307 P	41 39.00	-1.9	
SPC	6.94 5 eP	41 43.60	-0.1	
BHG	7.15 322 iPh	41 47.60	1.1	
WTTA	7.45 315 iPh	41 50.30	-0.6	
	i	41 57.80		
	iSn	43 11.70		
KHC	7.98 331 eP	41 59.00	0.9	
	e	42 06.50		
	e	43 25.50		

S.D. = 1.1 on 51 of 55 obs.

% OCT 20, 1992 14h 08m 49.30±0.85s
 42.272 N ± 6.7km 19.435 E ± 6.8km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

TTG	0.20 321 iPg	08 54.55	0.8	
	iSg	08 59.00		
ULC	0.34 204 iPg	08 56.42	0.1	
	iSg	09 02.08		
PVY	0.51 51 iPg	08 59.75	0.0	
	iSg	09 08.36		
NKY	0.63 329 iPg	09 01.58	-0.4	
	iSg	09 11.61		
IVA	0.69 30 iPg	09 02.92	-0.1	
	iSg	09 14.05		
HCY	0.72 284 ePg	09 03.00	-0.4	
	iSg	09 13.88		

S.D. = 0.6 on 6 of 6 obs.

* OCT 20, 1992 14h 32m 34.35±0.61s
 6.935 N ± 11.3km 76.733 W ± 8.7km
 DEPTH = 10.0km (geophysicist)
 4.8mb (9 obs.)
 NORTHERN COLOMBIA (99)

BOG	3.51 131 eP	33 36.00	5.6X	
	iS	34 21.00		
SDV	6.35 72 iPh	34 12.30	1.9	
	iSn	35 22.70		
TOV	7.43 67 eP	34 27.40	1.9	
CEOS	8.57 75 eP	34 40.40	-1.2	
MORO	9.19 64 eP	34 48.90	-1.2	
ARE	23.82 167 eP	37 53.00	4.2X	
ZOBO	24.59 160 eP	37 57.00	0.3	
	Z 24s	0.20um	3.5mszx	
	LR	42 36.00		
LPB	24.83 160 eP	38 12.00	13.2X	
CNCB	25.13 160 eP	38 03.00	1.2	
	i	45 26.20		
OLY	31.49 337 (P)	38 57.40	-1.2	
	pP	39 05.11	27kmX	
ALQ	39.04 320 eP	40 04.03	0.6	

PDCR	42.09 117 eP	40 26.10	-2.3	
BONR	48.65 316 ePd	41 21.57	0.6	
TIC	71.14 85 P	43 55.80	0.0	
KIC	71.44 86 P	43 57.00	-0.6	
MFF	75.78 44 eP	44 27.00	4.7X	
	0.8s	8.20nm	4.9mb	
LPO	76.57 46 eP	44 30.70	3.9X	
	0.8s	7.40nm	4.8mb	
RJF	76.84 45 eP	44 32.00	3.7X	
	0.9s	6.70nm	4.7mb	
BGF	77.84 44 eP	44 38.20	4.4X	
	1.0s	14.60nm	5.0mb	
AVF	78.19 44 eP	44 40.00	4.3X	
	0.9s	6.20nm	4.7mb	
SMF	78.52 44 eP	44 42.00	4.4X	
	0.9s	8.50nm	4.8mb	
LOR	78.56 43 eP	44 41.90	4.1X	
	0.1s	1.90nm	5.1mb	
NB2	82.99 29 P	45 06.30	5.4X	
	1.0s	3.80nm	4.5mb	
GEC2	85.12 42 P	45 15.40	3.4X	
	1.0s	2.30nm	4.4mb	
ASPA	146.21 237 ePKP	52 16.80	0.3	
	1.4s	6.10nm		
WB2	147.19 244 ePKP	52 17.80	-0.3	
	0.9s	3.30nm		
WRA	147.21 244 PKP	52 18.10	0.0	
	0.9s	2.10nm		
GBA	147.22 51 PKP	52 26.00	7.8X	

S.D. = 1.3 on 15 of 28 obs.

% OCT 20, 1992 14h 42m 26.13±0.50s
 44.504 N ± 4.5km 7.270 E ± 5.0km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.1 (GEN).

PZZ	0.12 271 P	42 29.48	0.2	
	S	42 31.22		
STV	0.26 171 P	42 31.94	0.2	
	S	42 35.02		
ENR	0.30 159 P	42 32.36	0.0	
	S	42 36.15		
BHB	0.34 359 P	42 33.28	0.1	
	S	42 38.82		
ROB	0.48 116 P	42 36.14	0.3	
	S	42 43.63		
RRL	0.54 320 P	42 36.86	-0.3	
	S	42 44.24		
FIN	0.73 113 P	42 40.45	-0.1	
	S	42 50.29		
IMI	0.74 143 P	42 40.25	-0.5	
	S	42 50.29		
PCP	0.91 87 P	42 43.73	0.1	
	S	42 57.58		

S.D. = 0.3 on 9 of 9 obs.

? OCT 20, 1992 15h 06m 18.09±0.81s
 17.454 N ± 9.7km 144.504 E ± 39.2km
 DEPTH = 33.0km (normal)
 4.4mb (4 obs.)
 MARIANA ISLANDS REGION (215)

PJG	3.86 175 eP	07 16.30	-0.3	
GUMO	3.86 175 eP	07 16.90	0.3	
	eS	07 58.50		
WB2	38.48 195 eP	13 38.10	-0.9	
	0.3s	2.70nm	4.5mb	
ASPA	42.16 195 eP	14 23.80	14.4X	
	0.5s	4.90nm		
WARB	46.72 202 eP	14 47.00	1.0	
IMA	62.87 24 eP	16 43.79	0.8	
	0.7s	1.16nm	4.1mb	
FBA	64.91 26 eP	16 56.40	0.2	
	0.5s	1.55nm	4.4mb	
MBC	74.63 14 ePd	17 54.40	-1.0	
	0.5s	4.00nm	4.7mb	

S.D. = 1.0 on 7 of 8 obs.

% OCT 20, 1992 15h 29m 00.76±0.78s
 42.263 N ± 5.9km 19.467 E ± 5.4km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

TTG	0.23 318 iPg	29 06.17	0.6	
	iSg	29 10.40		

20d 15h

ULC 0.34 208 iPg 29 07.87 0.1
iSg 29 13.68
BDV 0.47 273 iPg 29 10.31 -0.1
iSg 29 17.58
PVY 0.50 48 iPg 29 11.03 0.1
iSg 29 19.07
NKY 0.65 328 iPg 29 13.57 -0.3
iSg 29 23.11
IVA 0.69 27 iPg 29 14.28 -0.1
iSg 29 24.97
HCY 0.74 285 iPg 29 15.15 -0.1
iSg 29 26.10
BRY 0.93 313 iPg 29 18.62 0.0
iSg 29 32.58

S.D. = 0.3 on 8 of 8 obs.

OCT 20, 1992 15h 47m 56.23±0.24s
24.453 S ± 6.5km 176.054 W ± 5.1km
DEPTH = 63.6km (18 depth phases)
5.8mb (57 obs.)

SOUTH OF FIJI ISLANDS (171)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 31S, 57C

Centroid Location:

Origin Time 15:48: 0.2 0.4

Lat 24.26S 0.04 Lon 175.81W 0.04

Dep 72.9 3.2 Half-duration 1.4

Moment Tensor: Scale 10¹⁷ Nm

Mrr = 0.24 0.04 Mtt = 0.77 0.07

Mff = -1.01 0.07 Mrt = 1.04 0.05

Mrf = 1.69 0.05 Mtf = -0.10 0.06

Principal Axes:

T Val = 1.99 Plg = 46 Azm = 327

N 0.35 21 213

P -2.34 37 106

Best Double Couple: Ma = 2.2 × 10¹⁷

NP1: Strike = 138 Dip = 22 Slip = 13

NP2: 35 85 111

RAO 5.06 199 iPc 49 11.50 0.1
S 50 10.50
SVA 8.12 320 ePc 49 54.00 0.1
VUN 8.20 320 iPc 49 54.10 -0.9
SGE 8.85 319 eP 50 06.30 2.3
MBU 8.90 326 eP 50 04.20 -0.5
AFI 11.24 22 iPc 50 29.40 -7.1X
eS 53 00.00
NOZ 14.99 198 eP 51 14.80 -10.9X
RAR 15.35 81 P 51 22.00 -8.5X
S 53 53.00
PVC 16.04 292 iPc 51 43.30 4.1X
BKM 16.13 292 iPd 51 44.80 4.4X
DZM 16.26 275 iPc 51 44.90 2.8
iS 54 58.10

MNG 17.61 202 eP 51 46.90 -11.9X
THZ 19.55 205 eP 52 16.40 -5.2X
eS 55 41.40
KHZ 19.88 203 eP 52 18.90 -6.0X
AFR 25.45 79 eP 53 17.00 -2.9
1.4s 102.00nm 5.1mb

PAE 25.59 80 eP 53 17.00 -4.2X
1.4s 210.00nm 5.5mb
PPT 25.62 80 eP 53 17.00 -4.5X
1.4s 125.00nm 5.2mb

TVO 25.84 80 eP 53 22.00 -1.6
1.4s 715.00nm 6.0mb
HNR 27.32 299 eP 53 40.00 2.9X
SVO 27.59 299 e(P) 53 43.00 3.5X
BRS 28.15 257 iPc 53 46.00 1.4
i 53 57.00 41kmX
i 54 33.00

ARMA 29.23 251 eP 53 56.80 2.4
0.6s 10.00nm 4.6mb X
RMO 31.78 259 iPc 54 17.20 0.4
1.1s 212.00nm 5.9mb

ePcP 57 08.30
CAN 32.03 242 eP 54 20.40 1.5
e 54 35.50 61km
BWA 32.36 244 eP 54 20.30 -1.5
i 54 36.60 67km

CTA 35.08 270 iPc 54 44.50 -0.9
1.0s 112.50nm 5.8mb
i 54 56.00 41kmX
e 56 07.00
eS 00 21.00

TOO 35.22 239 eP 54 46.70 0.3

0.9s 60.00nm 5.5mb
OLP 35.80 258 iPc 54 51.00 -0.4
0.2s 25.00nm 5.8mb
RKT 37.52 97 eP 55 04.00 -1.9
1.2s 100.00nm 5.6mb
STKA 37.88 249 iPd 55 08.90 0.1
ePP 57 25.60
iScS 05 22.30
PMG 38.09 287 iPc 55 09.20 -1.6
0.9s 504.20nm 6.4mb
LAT 39.56 290 eP 55 22.60 -0.4
ADE 40.37 244 eP 55 29.70 0.2
OIS 41.02 266 iPd 55 34.10 -0.9
0.2s 2.00nm 4.6mb X

ASPA 45.50 260 iPc 56 09.80 -1.5
1.2s 90.40nm 5.5mb
Z 22s 2.40um 5.1Msz
iPcS 01 42.50
eScP 01 54.80
eS 02 44.40
eScS 06 06.20

WB2 45.95 265 iPd 56 13.00 -1.8
0.5s 48.70nm 5.7mb
eS 02 53.30
WRA 45.96 265 P 56 13.40 -1.5
0.8s 22.10nm 5.1mb

KKH 47.99 26 eP 56 28.87 -1.9
pP 56 45.38 65km
MHA 48.51 26 eP 56 33.55 -1.2
iPp 56 50.37 66km
HON 48.77 23 P 56 40.00 3.3X
Z 19s 0.69um 4.7Msz

DHH 48.79 23 eP 56 34.53 -2.4
pP 56 51.02 64km
FORT 49.50 250 eP 56 41.00 -1.4
DRV 50.28 201 eP 56 43.50 -4.3X
MTN 51.09 273 eP 56 53.00 -1.7
WARB 51.46 255 eP 56 55.20 -2.3

KNA 52.26 269 eP 57 01.80 -1.7
GUMO 53.71 310 eP 57 12.50 -1.6
SBA 54.08 184 iPc 57 20.80 4.7X
COOL 55.36 248 eP 57 25.00 -1.2
KLB 58.09 247 eP 57 44.00 -1.5

MEEK 58.40 253 eP 57 46.00 -1.7
MBL 58.73 259 eP 57 48.00 -2.1
BAL 59.17 248 eP 57 51.00 -2.0
MUN 59.31 246 eP 57 53.00 -1.0
MRWA 60.07 249 eP 57 58.00 -1.2
CSY 61.21 206 eP 58 08.30 1.9

0.5s 49.20nm 5.9mb
NANU 62.17 256 eP 58 13.00 -0.4
0.4s 25.00nm 5.7mb
SPA 65.69 180 iPd 58 38.50 2.4
1.0s 44.00nm 5.4mb

MAP 67.94 293 eP 58 51.00 0.2
TRT 69.86 271 ePd 58 45.60 -17.1X
MAT 74.44 323 iPc 59 27.90 -1.5
0.9s 37.82nm 5.3mb

Z 20s 1.06um 5.1Msz
eS 09 10.00
OFUJ 74.55 327 eP 59 28.70 -1.2
YAMJ 74.68 325 P 59 30.10 -0.6

KUSJ 76.30 332 iP+ 59 39.20 -0.6
AOMJ 76.32 327 eP 59 40.70 0.8
HOOJ 76.36 330 eP 59 41.30 1.2
KUR 76.75 335 iPc+ 59 42.00 -0.2
1.0s 530.00nm 6.5mb

Z 20s 3.10um 5.6Msz
N 20s 2.50um
E 20s 2.20um
(S) 09 40.00

ASAJ 78.02 331 iP+ 59 50.10 0.8
MAW 78.47 200 iPd 59 54.00 2.6
0.9s 40.00nm 5.4mb
SKR 78.74 342 eP 59 47.00 -6.1X
1.4s 640.00nm 6.4mb

BCH 79.53 44 (P) 59 58.40 0.5
ABL 79.87 44 eP 00 00.26 0.4
pP 00 18.10 65km
ARN 80.05 41 eP 00 00.98 0.5
pP 00 18.99 65km

PKEM 80.08 43 (P) 00 02.74 2.1
YSS 80.28 333 eP 00 01.30 -0.1
1.0s 190.00nm 6.0mb
e 10 04.00

PLM 80.48 47 eP 00 01.92 -1.2
ISA 80.85 44 eP 00 05.18 0.3

1.1s 59.14nm 5.4mb
Z 19s 0.55um 4.9Msz
pP 00 23.27 66km
CMB 81.18 41 ePc 00 07.12 0.6
0.8s 23.45nm 5.2mb
Z 20s 0.58um 4.9Msz
iPp 00 24.59 63km
ORV 81.52 40 eP 00 09.34 1.2
pP 00 25.62 58km
SSE 81.59 310 Pd 00 08.20 -0.4
1.0s 18.00nm 5.0mb
Z 20s 0.50um 4.9Msz
WDC 81.60 38 eP 00 08.42 -0.1
1.1s 58.99nm 5.5mb
Z 22s 0.70um 5.0Msz

e 00 15.48
pP 00 26.56 66km
MEMM 81.82 42 eP 00 11.48 1.8
KGM 82.30 276 ePd 00 13.50 0.7
BONR 82.40 42 eP 00 13.22 0.1
e 00 26.04
pP 00 31.69 67km

LBFM 82.48 38 eP 00 18.94 5.6X
TPNV 83.06 44 (P) 00 17.08 0.7
0.8s 26.64nm 5.3mb
TNP 83.15 43 eP 00 18.00 1.1
1.0s 34.41nm 5.3mb

KVN 83.21 42 (P) 00 20.61 3.4X
i 00 31.09 33kmX
TUC 84.04 51 ePd 00 22.28 0.9
0.9s 23.87nm 5.2mb
Z 19s 0.67um 5.0Msz

MDJ 84.77 324 Pc 00 25.50 0.9
1.2s 270.00nm 6.2mb
eSKS 10 45.00
NVL 84.88 183 eP 00 26.00 1.2
1.4s 32.00nm 5.2mb

e 00 32.00 19kmX
e 00 40.00
e 00 46.00
e 01 24.00
e 31 06.00

BMW 85.23 34 eP 00 29.58 2.6
ARUT 85.36 45 eP 00 28.36 0.4
IPM 85.45 277 ePc 00 29.10 0.4
1.1s 104.40nm 5.8mb

SHW 85.55 34 eP 00 35.98 7.3X
DL2 85.82 316 P 00 30.50 0.5
1.0s 90.00nm 5.8mb
VGB 85.85 35 eP 00 31.97 1.9
WHN 86.22 306 Pc 00 33.50 1.4

1.2s 270.00nm 6.3mb
SNY 86.37 319 iPc 00 33.00 0.4
1.0s 98.00nm 5.9mb
Z 29s 0.94um 5.0MszX

CN2 86.51 322 Pc 00 33.60 0.4
1.4s 450.00nm 6.4mb
Z 26s 0.67um 4.9MszX
RMW 86.62 33 eP 00 33.79 0.0

iPp 00 51.95 65km
SVW 86.85 10 (P) 00 29.20 -5.4X
1.0s 42.46nm 5.6mb
DUG 87.15 43 (P) 00 38.55 1.9
1.1s 5.42nm 4.6mb X

i 00 54.11 54km
SPU 87.52 11 eP 00 35.09 -2.7
CRP 87.58 11 eP 00 36.76 -1.5
SRU 87.99 45 eP 00 40.97 0.2
epP 00 59.24 65km

DAU 88.25 44 eP 00 42.67 0.5
PMR 88.45 13 P 00 50.00 7.8X
Z 21s 0.44um 4.8Msz
ALQ 88.49 50 eP 00 43.08 -0.2

1.0s 19.92nm 5.3mb
Z 19s 0.69um 5.1Msz
MGD 88.51 344 eP 00 42.00 -0.5
1.1s 90.00nm 5.9mb
e 00 52.00 31kmX

DPW 88.73 35 eP 00 43.91 0.0
iPp 01 01.76 63km
KLU 89.03 14 eP 00 43.78 -1.3
HHA 89.21 41 (P) 00 44.29 -2.1

BJI 89.95 315 eP 00 49.00 -0.7
1.8s 480.00nm 6.5mb
Z 24s 0.77um 5.0MszX
GYA 90.15 299 iPc 00 52.40 1.3

	Z	1.6s 30s	230.00nm 1.41um	SKS 11 18.00	6.2mb 5.2MsZx	MAIO ASH	131.23 132.18	298 300	ePKP ePKP	09 04.00 07 02.50	-5.0X -2.1	CLL WTS	152.29 152.41	348 356	iPKP ePKP	07 38.20 07 46.00	-0.7 7.0X		
LOE		90.26	289 iPC	00 53.90	2.3	KEV	132.67	349	ePKP	07 18.00	13.4X	CSS	152.50	299	ePKP	07 47.20	7.4X		
LRM		90.62	39 eP	00 53.90	0.8	SDF	134.83	348	iPKP	07 07.80	-1.0	BRG	152.51	346	ePKP	07 39.70	0.4		
NST		90.91	287 iPC	00 59.00	4.4X	OBN	141.06	330	ePKP	07 15.00	-5.6X		1.1s	62.00nm	i	07 47.20			
TIIY		91.23	311 iPC	00 57.00	1.2		1.2s	46.00nm					MOX	153.18	349	ePKP	07 48.00	7.8X	
	Z	1.3s 26s	270.00nm 1.13um	sP SKS	01 20.00 11 25.00	NUR	141.22	344	ePKP	07 19.00	-1.7	PRU	153.21	345	PKP	07 48.00	7.7X		
GOL		91.68	47 P	01 10.00	11.9X	TAB	141.64	301	ePKP	07 09.00	-13.5X		Z	22s	0.30um		5.1MsZ		
	Z	19s	eP	07.6um	5.2MsZ	DHJN	142.58	267	ePKP	07 24.60	-0.2	VRAC	153.28	341	iPKPc	07 59.90	19.6X		
IMA		91.84	9 eP	00 57.32	-0.7	MUMA	142.66	281	ePKP	07 21.30	-3.1X		1.9s	442.70nm	i	08 00.00			
KHT		91.89	285 iPC	01 01.50	2.4	ERE	142.66	305	ePKP	07 21.00	-3.1X	PPCY	153.31	299	ePKP	07 48.20	7.3X		
XAN		91.94	307 PC	01 00.50	1.4	NB2	143.09	354	PKP	07 19.40	-4.7X	PSZ	153.38	336	ePKP	08 00.80	20.1X		
		1.0s	110.00nm	pP	01 18.50	UPP	143.35	348	iPKP	07 21.80	-2.6	ENN	153.69	357	ePKP	07 49.00	8.1X		
BDT		92.55	288 ePC	01 04.00	1.9	ABHA	143.42	268	ePKP	07 25.60	-0.6	SRO	154.05	338	ePKP	07 39.90	-1.6		
KMI		92.72	296 Pc	01 05.00	1.9	HFS	143.70	352	ePKP	07 20.80	-4.2X				e	07 49.00			
	Z	1.4s 30s	190.00nm 1.80um	sP SKS	01 35.00	QASM	144.26	281	ePKPd	07 26.79	-0.4				i	07 57.20			
CHG		93.25	289 iPC	01 07.40	2.0	KONO	144.60	355	iPKPc	07 25.00	-1.6	ZST	154.12	340	ePKP	07 41.40	-0.2		
HHC		93.38	314 eP	01 06.50	0.8	MNK	145.69	335	ePKP	07 26.00	-2.6				i	08 04.50			
	Z	33s	1.18um	SKS	11 35.00	ELO	147.53	8	ePKPd	07 33.60	2.0	GRF	154.17	349	ePKP	07 48.70	7.1X		
SES		94.01	36 eP	01 08.00	-0.2	EDU	147.54	7	ePKPd	07 34.10	2.6		Z	22s	0.20um	id	08 04.40		
MEO		94.07	54 iPC	01 09.00	0.1	EBH	147.77	8	ePKPd	07 35.00	3.1X	KHC	154.23	345	ePKP	07 42.00	0.2		
BTO		94.28	313 P	01 11.00	1.2		1.0s	64.00nm	AKKT	147.97	309	ePKP			e	08 07.00			
		1.4s	100.00nm	eSKS	11 32.50	EAU	148.17	8	ePKP	07 35.70	3.1X		1.1s	9.20nm	e	08 04.90			
CD2		94.41	302 eP	01 12.00	1.4	COP	148.18	351	iPKPd	07 38.40	5.9X				e	07 51.00			
YAK		96.41	337 iPd	01 18.40	-0.5	ESY	148.20	7	ePKPd	07 36.00	3.4X	WET	154.37	346	iPKPc	07 43.50	1.5		
		1.2s	50.00nm	e	05 07.00	EBL	148.29	8	ePKP	07 36.40	3.6X	DOU	154.40	359	PKP	07 51.40	9.5X		
LZH		96.57	307 PC	01 21.50	1.0		1.3s	39.00nm	SVST	148.36	307	ePKP			e	08 05.40			
	Z	25s	0.48um	sP	01 43.50	KVT	148.55	310	iPKP	07 43.00	9.3X	GEC2	154.47	345	PKP	07 40.90	-1.3		
MIAR		97.69	56 P	01 40.00	14.7X	EKA	148.71	8	PKPc	07 35.00	1.6	WLF	154.77	357	PKP	07 53.00	10.7X		
ZOBO		98.89	112 iPC	01 34.20	2.2		1.1s	40.30nm	TRHT	148.72	308	ePKP			e	08 07.10			
	Z	1.2s	7.77nm	LR	34 08.00	DMU	149.49	13	ePKP	07 39.40	4.7X	BCAO	155.64	218	iPKPd	07 35.00	-9.7X		
BOD		100.33	329 ePdiff	01 39.30	2.5		1.1s	102.00nm	CTK	149.55	310	ePKP			id	07 45.90			
GTA		100.84	308 Pdiff	01 41.00	1.2	QTFJ	149.62	292	PKPc	07 41.48	5.8X				id	08 13.00			
	Z	25s	0.92um	KART	149.73	131	ePKP	07 41.80	6.0X	DCN	149.93	13	ePKP		id	17 38.30			
ZAK		102.80	320 ePdiff	01 48.50	0.6		1.1s	160.00nm	KIS	149.96	325	iPKP			i	07 53.00	9.0X		
TIK		103.00	345 ePdiff	01 45.00	-3.4X		1.0s	200.00nm		1.0s	200.00nm	07 40.00	4.4X	SKO	157.28	325	ePKP	07 42.50	-3.5X
JFWS		103.31	49 Pdiff	02 00.00	9.5X	DLF	150.13	13	ePKP	07 40.90	5.3X				i	08 17.20			
MBC		106.25	12 ePKP	06 20.50	6.5X		1.1s	87.00nm	CSTJ	150.36	290	PKPd			e	11 54.50			
PKI		108.04	293 Pdiff	02 16.26	4.0X	WAJH	150.51	280	ePKPd	07 43.12	6.3X		S.D. = 1.4 on 146 of 235 obs.		e	08 49.00			
KKN		108.21	293 Pdiff	02 17.00	4.1X	GHZJ	150.71	289	PKPd	07 43.66	6.2X		* OCT 20, 1992 16h 14m 37.89±1.65s						
DMN		108.30	293 Pdiff	02 16.48	3.1X	BHL	150.86	296	PKP	07 44.00	6.5X		35.301 N ± 8.8km			2.327 W ± 14.1km			
GKN		108.82	293 Pdiff	02 16.14	0.6	JARJ	150.87	333	PKPd	07 43.95	6.4X		DEPTH = 10.0km (geophysicist)						
CEH		109.26	59 PKP	06 30.00	9.1X	HRI	150.89	295	ePKP	07 44.10	6.5X		STRAIT OF GIBRALTAR			(385)			
	Z	19s	0.47um	5.1MsZ		BURJ	150.99	293	PKPd	07 44.03	6.3X	EMEL	0.51	270	iPg	14 49.30	1.0		
WMQ		110.85	310 Pdiff	02 24.50	0.4	AYN	151.07	286	ePKPd	07 44.00	6.2X				eSg	14 58.50			
NRI		114.70	337 iPKPd	06 29.50	-0.7	SALJ	151.12	292	PKPd	07 44.43	6.5X	ENIJ	1.67	3	ePn	15 08.17	0.9		
	Z	1.0s	12.00nm			DVR	151.30	312	ePKP	07 44.20	6.3X				eSn	15 28.20			
RSNY		114.71	50 PKP	06 40.00	9.0X	BBTK	151.34	309	ePKP	07 38.00	-0.1	EGUA	1.83	327	ePn	15 09.00	-0.6		
HRV		116.47	53 PKP	06 50.00	15.6X	JVI	151.41	292	ePKP	07 45.10	6.8X				eSn	15 32.00			
KSH		118.57	303 ePKP	06 40.00	1.3	OJC	151.48	338	ePKP	07 37.00	-0.8	MAL	2.21	311	ePn	15 19.00	3.9X		
BRVK		123.30	319 ePKP	06 47.00	-0.1		0.6s	56.00nm							iSg	15 38.00			
	Z	1.4s	27.00nm			SGKT	151.52	311	ePKP	07 44.80	6.3X	OJEN	2.73	288	iP	15 28.00	5.3X		
PDCR		124.15	126 ePKP	06 49.20	-0.7	WIT	151.61	357	ePKP	07 46.00	8.2X	EJIF	2.80	295	ePn	15 23.56	0.0		
SVE		128.25	324 iPKPd	06 56.50	0.0	UZH	151.86	334	iPKPc	07 45.00	6.6X				eSn	15 54.50			
ARU		129.44	324 ePKP	06 58.50	-0.3		1.0s	210.00nm				EPRU	2.88	306	ePn	15 24.20	-0.5		
	Z	22s	0.50um												eSn	15 55.90			
	E	22s	0.50um			HQL	151.89	287	iPKPd	07 46.20	7.2X	PLAT	2.91	287	eP	15 28.00	2.9X		
						KSP	151.98	343	ePKP	07 39.20	0.7	IFR	2.92	233	iPn	15 26.50	1.1		
							1.0s	93.00nm							i	15 33.50			
															i	16 06.00			
															i	16 08.00			
															i	16 10.00			
						RMN	152.17	289	ePKP	07 46.80	7.2X	ALJ	2.99	298	iP	15 27.00	0.7		
						SPC	152.20	337	ePKP	07 39.80	0.7	CNIL	3.21	290	eP	15 28.00	-1.3		
															ePn	15 32.49	-0.1		
															e(Pn)	16 10.00	20.0X		
															e	16 16.00			
						NAL	152.20	311	ePKP	07 46.80	7.4X				e	16 58.00			

20d 16h

iSn 17 04.50
i 17 06.00
i 17 08.00
TIO 6.01 225 e(Pn) 16 08.00 -1.2
i 16 40.00
iSg 17 36.00
i 17 40.00
i 17 49.00
S.D. = 1.0 on 10 of 14 obs.

OCT 20, 1992 16h 28m 05.38±0.31s
14.969 N ± 2.1km 60.568 W ± 4.2km
DEPTH = 63.4 ± 2.4 km
4.9mb (19 obs.)

WINDWARD ISLANDS (95)
MD 4.7 (TRN). Felt (III) on
Martinique.

CRM 0.40 238 iPd 28 16.16 -0.6
MVM 0.52 218 iPd 28 17.57 -0.4
CXM 0.60 255 iPd 28 19.34 0.3
FDF 0.61 247 iPd 28 19.16 0.1
S 28 29.80
PCM 0.64 256 iPd 28 19.72 0.4
BIM 0.66 227 iPd 28 19.68 0.1
DTMT 0.80 289 eP 28 11.62 -9.7X
DSVT 0.82 289 eP 28 21.63 0.2
DPMT 0.84 290 eP 28 22.10 0.4
MDN 0.87 293 eP 28 22.68 0.5
MGG 1.19 323 ePd 28 26.16 -0.1
S 28 40.50
SFG 1.41 335 ePd 28 28.95 -0.4
DEG 1.42 341 eP 28 28.60 -0.9
BTG 1.50 313 eP 28 30.90 0.3
S 28 50.00
PAG 1.50 315 ePd 28 31.16 0.5
SEG 1.69 328 eP 28 33.10 0.0
SVV 1.76 201 eP 28 34.43 0.3
eS 28 54.41
SVB 1.81 202 eP 28 35.37 0.5
FCV 1.92 200 eP 28 36.01 -0.3
MGH 2.36 318 eP 28 43.60 1.1
S 29 12.10
BPA 2.41 329 eP 28 41.80 -1.4
NEV 2.89 318 eP 28 51.08 1.1
eS 29 24.34
CPB 2.92 336 eP 28 49.81 -0.6
GRW 2.99 201 eP 28 51.58 0.1
TPR 3.77 183 eP 29 01.88 -0.4
eS 29 42.66
BOT 3.78 182 eP 29 02.29 -0.2
eS 29 43.16
PIG 3.79 184 eP 29 03.59 0.9
TRN 4.37 191 eP 29 10.42 -0.4
eS 29 57.53
TBH 4.48 186 eP 29 12.58 0.1
eS 30 01.38
TPP 4.70 191 eP 29 16.49 1.0
eS 30 06.74
CUM 5.69 219 iP 29 28.50 -0.9
i 29 45.50
CPD 5.97 301 iP 29 32.90 -0.4
LPR 6.07 304 iP 29 35.30 0.6
SJO 6.20 301 iP 29 37.00 0.5
CLLP 6.54 299 iP 29 40.30 -0.9
PORP 6.58 299 iP 29 40.90 -0.9
APR 6.84 301 iP 29 45.80 0.4
LRS 6.86 300 P 29 45.60 -0.2
GUAN 7.03 225 iPd 29 49.10 1.0
LLAV 7.55 234 iP 29 49.25 -6.1X
eS 30 53.70
MORO 8.58 243 iP 30 08.40 -1.1
CEH 26.63 325 P 33 50.00 10.2X
Z 20s 0.36um 3.9Msz
HRV 29.03 343 P 34 10.00 8.5X
Z 21s 0.34um 3.9Msz
NNA 31.26 212 eP 34 19.50 -2.0
0.8s 8.96nm 4.6mb
RSNY 31.78 341 P 34 30.00 4.2X
Z 21s 0.38um 4.1Msz
ZOBO 31.94 194 iPc 34 27.30 -0.9
1.2s 26.35nm 4.9mb
e 41 07.00
LPB 32.17 194 P 34 30.00 0.1
CNCB 32.41 193 P 34 33.00 0.8
CCH 32.61 190 P 34 33.60 0.0
OLY 34.41 312 eP 34 47.98 -0.7

PDCR 34.60 141 eP 34 50.20 -0.3
FVM 34.95 317 eP 34 53.01 -0.3
0.6s 8.79nm 4.9mb
Z 19s 0.57um 4.3Msz
MIAR 35.52 309 eP 34 57.88 -0.3
0.7s 3.32nm 4.4mb
Z 20s 0.37um 4.1Msz
RLO 37.28 311 ePc 35 12.60 -0.4
VVO 37.46 309 ePc 35 14.80 0.3
JFWS 37.72 324 P 35 30.00 13.4X
Z 19s 0.40um 4.2Msz
TUL 37.74 310 ePc 35 16.70 -0.1
0.5s 15.90nm 5.2mb
PPD 37.87 166 eP 35 18.20 0.1
SIO 38.05 310 eP 35 19.40 -0.1
ULM 45.32 329 eP 36 21.00 2.3
ALQ 45.65 304 ePc 36 22.03 0.2
0.9s 8.57nm 4.6mb
GOL 46.18 311 P 36 40.00 14.0X
Z 22s 0.20um 4.0Msz
TUC 48.68 300 eP 36 45.65 0.2
0.8s 12.49nm 5.0mb
Z 19s 0.21um 4.2Msz
SRU 49.83 309 ePc 36 53.92 -0.4
BW06 50.16 314 iPc 36 56.00 -0.8
1.0s 31.00nm 5.3mb
DAU 50.71 310 ePc 37 01.34 0.2
MSU 50.94 308 eP 37 03.18 0.3
ARUT 51.77 306 eP 37 09.01 -0.1
PTI 52.17 313 eP 37 11.71 -0.3
LRM 53.08 317 ePc 37 18.90 -0.1
SES 53.78 322 ePc 37 23.00 -0.6
PLM 53.89 300 eP 37 25.09 0.3
GSC 54.05 303 eP 37 26.30 0.4
PEC 54.19 301 eP 37 27.11 0.3
0.8s 5.83nm 4.7mb
TIC 55.07 92 P 37 28.00 -5.5X
KIC 55.40 93 P 37 31.00 -4.9X
BONR 55.59 306 eP 37 37.07 -0.3
MEMM 56.05 305 eP 37 41.27 1.0
NEW 56.84 318 ePd 37 44.59 -1.2
1.0s 57.50nm 5.6mb
ARN 58.07 305 eP 37 54.92 0.3
ORV 58.28 307 eP 37 55.65 -0.3
VGB 58.66 314 eP 37 58.86 0.3
LBFM 58.79 309 eP 37 59.55 -0.3
FHC 60.30 309 eP 38 10.29 0.3
0.8s 82.48nm 5.9mb X
YKA 60.60 334 eP 38 10.20 -1.3
0.6s 5.70nm 4.9mb
ENN 63.70 41 eP 38 32.50 0.1
1.0s 22.00nm 5.1mb
WTS 64.43 39 eP 38 37.50 0.4
0.8s 13.00nm 5.0mb
CLL 68.20 40 iPc 39 01.40 0.3
e 39 27.00
NB2 68.21 30 P 39 00.90 -0.2
0.9s 7.50nm 4.7mb
MBC 68.34 347 ePd 39 01.90 0.3
0.6s 6.00nm 4.7mb
GEC2 68.54 43 P 39 02.50 -1.0
0.9s 4.52nm 4.4mb
e 40 25.10
FBA 75.40 334 eP 39 44.70 1.0
1.2s 18.94nm 4.9mb
SLKM 76.94 329 eP 39 52.47 0.0
SVW 79.45 331 eP 40 07.40 1.1
1.0s 16.50nm 4.9mb
OBN 81.91 35 iPd 40 20.00 0.8
1.0s 35.00nm 5.3mb
GKN 125.59 38 PKP 47 02.00 0.0
KKN 126.13 38 PKP 47 02.80 -0.3
DMN 126.16 38 PKP 47 02.90 -0.3
GUN 126.39 37 PKP 47 03.70 -0.1
RMQ 150.35 243 ePKP 47 53.00 6.8X
0.9s 17.00nm
WRA 164.94 249 PKP 48 04.90 1.0
1.0s 1.20nm
S.D. = 0.7 on 91 of 101 obs.

* OCT 20, 1992 16h 30m 52.08±0.67s
41.927 N ±11.6km 73.241 E ±12.3km
DEPTH = 33.0km (normal)
4.0mb (3 obs.)
KYRGYZSTAN (716)

MAIO 12.06 247 eP 33 45.00 0.4

NDI 13.60 165 eP 34 04.50 -0.5
0.5s 19.72nm 5.2mb X
GKN 16.72 143 P 34 43.40 -2.1
KKN 17.19 141 P 34 50.60 -0.9
DMN 17.27 142 P 34 54.60 2.1
GUN 17.38 140 P 34 54.80 0.8
PKI 17.44 141 P 34 55.20 0.5
HFS 40.04 318 eP 38 24.90 -0.4
0.4s 1.70nm 4.1mb
NB2 41.25 319 P 38 34.80 -0.5
0.6s 2.20nm 4.1mb
GEC2 41.44 301 P 38 37.30 0.2
0.5s 0.75nm 3.7mb
MBC 61.83 3 eP 41 10.00 0.4
S.D. = 1.2 on 11 of 11 obs.

? OCT 20, 1992 16h 43m 10.33±5.20s
46.031 N ±30.9km 3.932 E ±25.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 1.8 (LDG).

SMF 0.62 354 Pg 43 22.20 -0.6
Sg 43 30.50
AVF 0.86 332 Pg 43 27.00 0.1
Sg 43 38.40
BGF 0.92 305 Pg 43 27.80 -0.1
LBF 0.95 2 Pg 43 28.80 0.3
Sg 43 41.60
MAF 0.97 282 Pg 43 28.70 0.0
Sg 43 41.30
SSF 1.07 344 Pg 43 30.70 0.2
Sg 43 45.10
TCF 1.22 283 Pg 43 33.20 0.1
Sg 43 48.60
LOR 1.24 358 Pg 43 33.40 0.0
Sg 43 49.00
S.D. = 0.3 on 8 of 8 obs.

% OCT 20, 1992 16h 57m 38.21±0.73s
42.273 N ±5.4km 19.451 E ±5.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

TTG 0.21 318 iPg 57 43.45 0.7
iSg 57 47.58
ULC 0.34 206 iPg 57 45.39 0.1
iSg 57 51.13
BDV 0.46 271 iPg 57 47.56 -0.1
iSg 57 54.93
PVY 0.50 50 iPg 57 48.48 0.0
iSg 57 56.35
NKY 0.63 328 iPg 57 50.45 -0.6
iSg 58 00.14
IVA 0.68 29 iPg 57 51.73 -0.1
iSg 58 02.31
HCY 0.73 284 iPg 57 52.34 -0.2
iSg 58 03.25
BRY 0.92 313 iPg 57 55.88 0.0
iSg 58 09.54
PLE 1.06 358 iPg 57 58.30 0.1
S.D. = 0.4 on 9 of 9 obs.

? OCT 20, 1992 17h 10m 18.32±1.48s
15.421 S ±47.9km 72.738 W ±27.0km
DEPTH = 123.2 ± 23.8 km
SOUTHERN PERU (117)

ARE 1.58 131 iPd 10 48.00 0.4
iS 11 01.00
ZOBO 4.52 102 P 11 26.80 0.4
S 12 33.50
LPB 4.60 105 P 11 28.00 0.7
CNCB 4.78 107 iPc 11 30.00 0.1
NNA 5.25 310 eP 11 35.70 -0.1
0.5s 7.04nm 4.1mb X
eS 12 34.20
CCH 6.62 108 P 11 53.10 -1.8
PDCR 32.73 89 (P) 16 41.90 0.5
S.D. = 1.2 on 7 of 7 obs.

? OCT 20, 1992 17h 13m 28.88±1.54s
29.953 S ±26.6km 178.222 W ±24.0km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
KERMADEC ISLANDS, NEW ZEALAND (178)

Felt (III) on Raoul Island.

RAO	0.75	21	iP	13	43.00	0.1
			iS	13	53.10	
MNG	11.81	204	eP	16	06.40	-11.6X
			eS	18	09.60	
DZM	15.85	296	iPc	17	27.80	16.5X
BRS	25.55	269	iP	19	02.00	5.6X
RMQ	29.25	269	iPc	19	32.20	2.1
	0.6s	6.00nm			4.5mb	
CTA	33.54	279	eP	20	09.00	1.2
STKA	34.39	256	eP	20	14.70	-0.4
ASPA	42.94	267	eP	21	25.60	-1.0
	0.6s	3.90nm			4.3mb	
WB2	43.88	272	iPc	21	32.90	-1.2
	0.3s	30.30nm			5.6mb X	
WRA	43.89	272	P	21	33.20	-1.0
	0.7s	3.90nm			4.3mb	
NB2	148.28	351	PKP	33	08.30	-0.8
	0.6s	1.20nm				
BCAO	150.08	215	iPKPd	33	14.30	1.1
	1.1s	11.00nm				

S.D. = 1.4 on 9 of 12 obs.

OCT 20, 1992 17h 13m 29.31±0.78s
42.272 N ± 6.0km 19.448 E ± 5.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

TTG	0.21	319	iPgc	13	34.74	0.9
			iSg	13	38.89	
ULC	0.34	206	iPgd	13	36.50	0.1
			iSg	13	42.55	
BDV	0.46	272	iPgc	13	38.64	0.0
			iSg	13	46.01	
PVY	0.51	50	iPgd	13	39.59	0.0
			iSg	13	47.49	
NKY	0.63	329	iPgd	13	41.52	-0.6
			iSg	13	51.32	
IVA	0.69	29	iPgd	13	42.89	0.0
			iSg	13	52.82	
HCY	0.73	284	iPgd	13	43.20	-0.4
			iSg	13	53.99	
BRY	0.92	314	iPgd	13	47.00	0.1
			iSg	14	00.42	

S.D. = 0.5 on 8 of 8 obs.

OCT 20, 1992 18h 37m 39.19±0.59s
32.760 S ± 6.3km 70.095 W ± 5.3km
DEPTH = 116.3 ± 9.0 km
4.2mb (1 obs.)
CHILE-ARGENTINA BORDER REGION (127)
MD 4.3 (SAN).

JACH	0.43	280	iPd	37	56.08	-0.6
			iS	38	08.43	
FCH	0.59	196	iP+	37	58.12	0.1
PEL	0.63	232	iP+	37	57.68	-0.2
ROCH	0.80	254	iP	37	59.32	-0.2
SAN	0.84	214	iP+	37	59.74	0.1
			iS	38	14.38	
MDZ	1.06	97	iP	38	02.60	0.7
			iS	38	17.50	
TACH	1.14	218	iP+	38	02.60	-0.1
CHCH	1.26	202	iP+	38	04.31	0.3
IHA	1.33	258	eP	38	05.00	0.3
			iS	38	25.50	
LCCH	1.43	240	iPd	38	05.84	-0.1
RTCV	1.60	56	iPd	38	08.70	0.7
			(S)	38	25.70	
LNV	1.62	222	eP	38	07.92	-0.3
RTCB	1.68	41	e(P)	38	10.00	1.0
ZON	1.71	45	eP	38	08.30	-1.0
			eS	38	28.30	
CFA	1.95	54	iPc	38	12.80	0.5
			S	38	36.00	
RTLL	1.99	45	iPc	38	13.40	0.6
RFA	2.42	146	iPc	38	18.70	0.2
MRA	3.72	86	ePc	38	35.00	-0.7
			S	39	07.00	
RTPR	3.92	52	iPc	38	37.70	-0.8
CYA	5.68	42	iPd	39	01.00	-1.5
CNCB	16.00	7	P	41	23.00	3.6X
LPB	16.26	7	eP	41	22.00	-0.5
ZOBO	16.50	7	P	41	27.20	1.5
	1.0s	15.00nm			4.2mb	

S.D. = 0.8 on 22 of 23 obs.

OCT 20, 1992 19h 09m 27.15±0.64s
44.206 N ± 7.9km 18.286 E ± 10.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 3.3 (TTG).

HVAR	1.68	233	iPn	09	55.50	-1.3
			iSn	10	19.50	
HCY	1.76	175	iPnd	09	57.68	-0.3
			iSn	10	21.84	
IVA	1.78	138	iPnd	09	56.45	-1.7
			iSn	10	19.54	
TTG	1.91	158	iPnd	09	59.03	-1.0
			iSn	10	24.28	
BDV	1.96	168	iPnc	10	00.46	-0.4
			iSn	10	26.30	
PVY	2.03	142	iPnc	10	00.14	-1.7
			iSn	10	25.70	
ZAG	2.29	315	eP	10	17.00	11.4X
SDA	2.33	157	ePn	10	07.60	1.5
ULC	2.35	162	iPnc	10	05.54	-0.9
			iSn	10	35.33	
PTJ	2.36	317	iPn	10	07.70	1.0
			iSn	10	46.60	
UZD	2.40	5	ePn	10	06.80	-0.2
VBY	2.52	302	ePn	10	10.00	1.3
			eSn	10	44.70	
KKS	2.64	143	ePn	10	12.00	1.5
LACI	2.77	157	ePn	10	14.50	2.1
PHP	2.98	147	ePn	10	16.40	1.1
TIR	3.08	157	ePn	10	12.00	-4.8X
CEY	3.14	301	ePn	10	24.80	7.2X
			eSn	11	05.50	
LJU	3.23	306	ePn	10	30.00	11.1X
			e(Sn)	11	16.00	
TRI	3.54	297	e(Pg)	10	32.10	8.8X
			e(PgPg)	10	34.70	
			e(Sn)	11	28.50	
VOY	3.61	302	e(Pn)	10	24.50	0.2
			eSn	11	09.10	
KHC	5.89	328	eP	10	55.00	-1.6
			eSg	12	16.00	

S.D. = 1.4 on 16 of 21 obs.

OCT 20, 1992 20h 47m 37.14±0.77s
42.271 N ± 5.9km 19.449 E ± 5.4km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

TTG	0.21	319	iPgc	47	42.44	0.7
			iSg	47	46.18	
ULC	0.34	206	iPgd	47	44.23	0.0
			iSg	47	50.57	
BDV	0.46	272	iPgd	47	46.60	0.1
			iSg	47	53.47	
PVY	0.51	50	iPgc	47	47.48	0.0
			iSg	47	55.44	
NKY	0.64	329	iPgc	47	49.59	-0.4
			iSg	47	59.02	
IVA	0.69	29	iPgc	47	50.73	-0.1
			iSg	48	00.93	
HCY	0.73	284	iPgd	47	51.12	-0.3
			iSg	48	01.88	
BRY	0.92	314	iPgd	47	54.63	-0.2
			iSg	48	07.98	

S.D. = 0.4 on 8 of 8 obs.

OCT 20, 1992 20h 53m 34.71±1.05s
33.613 S ± 10.1km 68.550 W ± 7.6km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)
MD 3.9 (SAN).

MDZ	0.77	341	iP	53	50.70	0.9
			iS	54	13.40	
FCH	1.48	281	iP+	54	00.24	-1.5
PCH	1.64	269	eP	54	02.80	-1.0
			iS	54	24.91	
RTCV	1.75	0	ePd	54	04.70	-0.6
			S	54	29.20	
CHCH	1.78	259	iPd	54	05.72	-0.1
			iS	54	28.66	
PEL	1.85	284	iP+	54	06.59	-0.2
			iS	54	30.88	

JACH	1.95	298	eP	54	08.30	0.0
			iS	54	33.23	
TACH	1.99	268	eP	54	08.72	-0.1
			iS	54	34.27	
ROCH	2.16	287	eP	54	12.35	0.9
			iS	54	40.52	
RTLL	2.28	2	ePd	54	12.50	-0.5
			S	54	42.00	
LNV	2.41	261	eP	54	15.32	0.6
			iS	54	46.42	
LCCH	2.53	272	eP	54	17.54	1.1
			iS	54	50.14	
MRA	2.67	64	ePc	54	18.80	0.3
			S	54	58.00	

S.D. = 0.8 on 13 of 13 obs.

OCT 20, 1992 21h 18m 05.63±1.92s
32.613 S ± 10.8km 71.673 W ± 12.4km
DEPTH = 16.1 ± 7.6 km
NEAR COAST OF CENTRAL CHILE (135)
MD 4.1 (SAN). Felt (II) at
Limahe.

IHA	0.41	176	iPc	18	14.40	0.3
			iS	18	22.20	
ROCH	0.66	123	iP+	18	18.88	0.4
			iS	18	29.78	
LCCH	0.86	174	iPd	18	21.39	-0.4
			iS	18	35.22	
JACH	0.91	95	iP+	18	22.03	-0.7
			iS	18	36.51	
PEL	0.99	123	iPd	18	24.17	0.3
			iS	18	40.00	
SAN	1.19	135	iPd	18	27.49	0.1
			iS	18	45.43	
TACH	1.21	149	eP	18	27.44	-0.2
LNV	1.36	171	iPd	18	29.55	-0.3
			iS	18	49.18	
FCH	1.36	122	eP+	18	29.83	-0.4
			iS	18	50.37	
PCH	1.40	136	iPd	18	30.64	0.1
			iS	18	51.61	
CHCH	1.57	147	eP	18	33.33	0.4
			(S)	18	57.67	
MDZ	2.39	97	iP	18	50.60	5.8X
			iS	19	24.80	
ZON	2.76	68	eP	18	50.30	0.3
			eS	19	30.30	

S.D. = 0.4 on 12 of 13 obs.

OCT 20, 1992 21h 43m 20.58±3.55s
20.207 S ± 75.5km 179.648 W ± 53.7km
DEPTH = 622.3 ± 25.0 km
4.8mb (4 obs.)
FIJI ISLANDS REGION (181)

MBU	3.57	334	iPc	44	45.20	-0.1
DZM	13.11	259	iPd	46	16.00	5.9X
STKA	36.53	243	iPd	49	37.80	0.7
ASPA	43.08	257	iPd	50	30.20	0.5
	0.3s	26.40nm			5.2mb	
		eS	56	17.50		
WB2	43.10	262	iPc	50	30.00	0.2
	0.5s	24.40nm			4.9mb	
WRA	43.11	262	P	50	30.00	0.9
	0.9s	3.30nm			3.8mb	
WARB	49.44	252	eP	51	16.90	-0.8
MBL	56.31	258	iPd	52	05.60	-0.9
	0.4s	14.00nm			4.6mb	
NANU	59.98	255	eP	52	30.00	-1.0
CLL	147.41	345	iPKPd	01	52.80	-0.5
	1.1s	11.00nm				
GEC2	149.48	343	PKP	01	57.60	0.9
	1.0s	3.04nm				

S.D. = 0.9 on 10 of 11 obs.

OCT 20, 1992 21h 53m 32.59±0.35s
32.011 N ± 5.3km 49.946 E ± 5.0km
DEPTH = 22.7km (3 depth phases)
4.5mb (18 obs.) 3.8msz (2 obs.)
WESTERN IRAN (347)
Felt at Ardol.

KER	3.34	315	iPd	54	26.00	1.3
TEH	3.91	17	eP	54	33.00	0.3
DHR	5.69	178	ePd	55	00.15	2.3
			eS	56	04.00	

20d 21h

TAB	6.73	335	eP	55	26.00	13.3X
			e	55	36.00	
MJMA	7.37	215	iPc	55	20.70	-0.8
RYD	7.83	203	iPc	55	27.20	-0.9
			eS	56	57.00	
QASM	8.14	225	ePc	55	20.00	-12.4X
			eS	56	55.00	
MAIO	8.99	59	eP	55	14.40	-29.8X
			eS	57	50.00	
ASH	9.09	47	eP	55	44.00	-1.4
MTA	10.51	338	eP	56	12.00	7.1X
AKH	10.71	333	eP	56	18.00	10.2X
BHL	12.15	283	P	56	28.00	0.6
			S	00	24.00	
AYN	12.43	259	eP	56	39.00	8.0X
WAJH	13.06	247	eP	56	44.60	5.2X
HOL	13.11	262	eP	56	40.00	-0.1
CSS	14.18	286	eP	56	55.20	1.1
QUE	14.68	93	eP	57	06.50	5.6X
			eS	01	33.30	
ABHA	15.16	207	iPc	57	12.60	5.3X
KMTA	15.20	207	eP	57	07.30	-0.4
DHJN	15.44	204	ePd	57	10.00	-0.9
ELL	17.20	291	eP	57	37.20	4.2X
ALT	17.59	299	eP	57	37.00	-0.9
KIS	22.01	319	eP	58	25.00	-1.9
	Z	16s	0.30um			3.8MszX
			eS	02	27.00	
FRU	22.30	54	eP	58	33.80	4.0X
			e	58	47.00	55kmX
			e	59	06.00	
KSH	22.35	63	eP	58	30.20	-0.3
	1.0s		20.00nm			4.5mb
	Z	16s	1.40um			4.5MszX
	N	12s	1.10um			
ISR	22.41	312	eP	58	37.00	6.1X
VR1	22.65	314	ePc	58	40.00	6.8X
CLI	22.66	316	eP	58	40.00	6.6X
MLR	22.95	313	ePc	58	43.50	7.2X
CVO	22.96	314	eP	58	39.00	2.7
NDI	23.74	91	eP	58	46.00	2.0
VAY	23.76	301	eP	58	45.30	1.2
SKO	24.75	302	eP	58	54.50	0.9
OBN	24.94	342	eP	58	58.00	2.7
	1.0s		21.00nm			4.7mb
	Z	16s	0.60um			4.2MszX
	N	14s	0.60um			
ARU	25.12	11	eP	58	59.00	2.0
			e	59	06.00	25km
MOS	25.25	344	eP	59	40.00	5.7X
			e	59	10.00	21km
BRVK	25.66	29	eP	59	02.00	-0.1
	Z	20s	0.19um			3.6Msz
	N	20s	0.10um			
	E	18s	0.14um			
SVE	25.88	14	eP	59	05.50	1.3
	Z	11s	0.30um			4.1MszX
	N	12s	0.30um			
	E	12s	0.30um			
UZH	26.63	317	eP	59	12.00	0.9
	1.0s		25.00nm			4.8mb
			e	00	09.50	309kmX
OJC	28.81	318	eP	59	29.80	-1.2
ZST	29.59	313	eP	59	42.80	4.9X
KKN	30.83	89	P	59	49.16	-0.3
PKI	31.01	89	P	59	51.88	0.8
GUN	31.31	88	P	59	53.56	-0.2
KBA	31.66	309	iPc	59	55.40	-1.0
	0.9s		8.80nm			4.7mb
WMO	31.77	57	P	59	56.00	-1.3
	Z	20s	0.27um			3.9Msz
GEC2	31.94	312	P	59	57.00	-1.8
			0.6s			3.7mb
KHC	32.10	313	eP	59	53.00	-7.2X
			e	01	57.00	
LPG	35.85	305	eP	00	32.80	0.0
	0.9s		10.95nm			4.8mb
LPL	35.86	305	eP	00	33.00	0.2
	0.7s		6.05nm			4.6mb
HFS	36.91	330	eP	00	40.10	-1.0
	0.3s		0.70nm			4.0mb
	Z	18s	113.00nm			6.7MszX
			LR	14	08.00	
SMF	37.99	306	eP	00	49.20	-1.2
	0.6s		5.95nm			4.6mb
AVF	38.34	306	eP	00	52.30	-1.0

NB2	1.0s	7.20nm	4.4mb
	38.43	331	P
	0.5s	0.60nm	3.6mb
BCAO	40.23	234	iPd
	0.9s	18.00nm	4.8mb
		ic	
		ic	
GTA	40.73	65	P
	1.5s	14.00nm	4.5mb
		pP	
ZAK	43.11	49	eP
	1.6s	8.00nm	4.2mb
XAN	48.89	71	eP
BOD	49.97	39	eP
	1.1s	11.00nm	4.8mb
BUL	55.74	204	iPc
	0.9s	4.20nm	4.5mb
LIC	57.21	256	P
MBC	71.80	357	eP
	1.0s	3.00nm	4.3mb
FBA	82.42	8	eP
	1.0s	4.62nm	4.5mb
	S.D. = 1.3	on 45	of 63 obs.

* OCT 20, 1992 22h 55m 49.12±0.62s
 12.031 N ± 8.8km 8B.050 W ± 11.0km
 DEPTH = 33.0km (normal)
 4.8mb (9 obs.) 4.1Msz (1 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

HBF	21.96	17	(P)	00	42.05	0.2
PRM	22.56	12	eP	00	48.28	0.5
MIAR	22.97	348	iPc	00	52.64	0.8
	0.8s	140.37nm				5.5mb
JSC	23.00	15	ePc	00	52.53	0.5
LHS	23.30	15	eP	00	55.80	0.8
OLY	23.57	353	eP	00	57.15	-0.5
GBTN	23.79	8	eP	01	00.18	0.5
VVO	24.23	345	eP	01	04.10	0.1
MEQ	24.59	339	iPd	01	08.00	0.4
FNO	24.63	341	iPc	01	08.10	0.2
SIO	24.76	344	eP	01	08.30	-0.9
TUL	24.78	345	eP	01	08.90	-0.5
	0.6s	56.90nm				5.3mb
		e	01	11.30		
		S	06	09.40		
		LR	10	02.40		
RLO	24.84	346	eP	01	09.50	-0.4
OCO	24.90	342	iPc	01	10.20	-0.3
CEH	25.10	17	eP	01	12.01	-0.3
	0.8s	36.06nm				5.0mb
ELC	25.17	358	ePc	01	11.78	-1.2
NAV	26.01	13	eP	01	20.43	-0.5
ACO	26.51	340	iPc	01	25.40	-0.2
ALQ	28.28	327	(P)	01	42.95	1.1
	0.8s	5.19nm				4.3mb
TUC	29.05	318	(P)	01	49.15	0.5
	0.8s	3.96nm				4.2mb
GOL	31.54	334	eP	02	10.26	-0.6
	0.7s	12.57nm				4.9mb
SRU	33.55	327	(P)	02	27.93	-0.4
ZOBO	34.35	145	eP	02	36.00	0.1
	Z	20s	0.38um			4.1Msz
			LR	12	52.00	
RSNY	34.42	17	eP	02	34.00	-1.6
	0.9s	17.11nm				5.0mb
DAU	34.89	328	(P)	02	40.07	0.1
EEO	35.32	11	eP	02	45.00	1.8
SIV	38.57	136	Pc	03	11.50	0.6
ULM	38.65	352	ePc	03	12.00	0.9
LMN	39.07	26	eP	03	16.50	1.8
LRM	39.55	333	eP	03	19.70	0.6
JAO	42.81	11	eP	03	43.00	-2.4
DPW	43.72	331	(P)	03	53.90	0.9
FCC	46.86	356	eP	04	19.00	1.3
BDF	48.33	124	Pc	04	29.40	-0.6
		e	04	37.50		
		e	04	39.00		
		e	04	43.00		
YKA	53.86	345	eP	05	09.20	-1.8
	0.8s	5.50nm				4.6mb
MBC	66.35	352	eP	06	34.50	-1.8
	1.0s	5.00nm				4.6mb
WRA	138.59	254	PKP	15	20.40	6.1X
	0.6s	1.70nm				
CHG	148.58	347	ePKP	15	35.10	3.7X
BDT	150.09	346	ePKP	15	39.00	5.3X

GBA	0.8s	31.10nm	15	40.00	5.3X	
	S.D. = 1.0	on 36	of 40 obs.			
?	OCT 20, 1992 23h 35m 13.60±0.98s					
	67.717 N ± 14.2km			20.245 E ± 12.6km		
	DEPTH = 10.0km (geophysicist)					
SWEDEN	MD 3.4 (BER).				(536)	
KT1	1.71	39	eP	35	43.48	-0.1
			eSg	36	04.81	
LOF	2.57	282	eP	35	55.86	0.0
			eSg	36	33.49	
ARA0	2.65	44	Pn	35	57.26	0.1
			Pg	36	04.92	
			Sg	36	31.57	
NRA0	7.96	212	P	37	12.00	0.0
	S.D. = 0.1	on 4	of 4 obs.			
	OCT 21, 1992 00h 20m 05.51±0.27s					
	6.852 N ± 3.6km			76.613 W ± 6.4km		
	DEPTH = 10.0km (geophysicist)					
	4.8mb (22 obs.)					
NORTHERN COLOMBIA					(99)	
HOBC	2.53	169	iPd	20	45.68	-1.7
CLMC	2.95	179	iPd	20	52.66	-0.8
AZUC	3.17	171	iPd	20	56.35	-0.5
ANCC	3.32	184	iPd	20	57.57	-1.1
HOQC	3.36	180	iPd	20	58.04	-1.4
BOG	3.37	131	iPc	21	06.00	6.5X
			S	21	52.00	
BMG	3.52	86	iPc	21	05.00	3.5X
SILC	4.15	176	iPd	21	11.08	0.5
PURC	4.51	177	eP	21	16.88	

LPO 0.8s 7.10nm 4.8mb
 76.54 46 eP 31 58.60 0.8
 1.0s 13.40nm 5.0mb
 LSF 76.88 44 eP 32 00.20 0.5
 0.9s 6.20nm 4.7mb
 CAF 77.18 46 eP 32 02.40 1.0
 1.3s 23.85nm 5.1mb
 TCF 77.36 44 eP 32 03.00 0.7
 AVF 78.17 44 eP 32 07.20 0.5
 1.2s 12.50nm 4.9mb
 SSF 78.29 43 eP 32 07.70 0.3
 0.9s 7.20nm 4.7mb
 SMF 78.50 44 eP 32 09.10 0.5
 1.3s 22.00nm 5.1mb
 LOR 78.54 43 eP 32 09.20 0.4
 1.2s 8.35nm 4.7mb
 LBF 78.61 44 eP 32 09.40 0.2
 ENN 80.01 40 eP 32 18.00 1.4
 1.0s 10.00nm 4.7mb
 WLF 80.13 41 P 32 19.00 1.7
 BSF 80.54 43 eP 32 19.00 -0.7
 0.8s 4.55nm 4.5mb
 WTS 80.59 39 eP 32 21.00 1.3
 0.9s 15.00nm 5.0mb
 NB2 83.00 29 P 32 35.60 3.4X
 0.9s 3.10nm 4.5mb
 CLL 84.47 39 eP 32 43.00 3.3X
 KHC 85.00 41 eP 32 42.00 -0.5
 1.1s 5.00nm 4.7mb
 e 32 46.50
 BRG 85.09 39 e(P) 32 46.80 3.9X
 GEC2 85.10 42 P 32 44.60 1.5
 0.9s 4.89nm 4.7mb
 PRU 85.55 40 eP 32 46.00 0.8
 ASPA 146.27 237 iPKPc 39 47.80 0.1
 0.6s 7.90nm
 GBA 147.18 52 PKP 39 51.00 1.7
 WB2 147.26 244 ePKP 39 48.70 -0.7
 0.6s 3.10nm
 WRA 147.28 244 PKP 39 49.00 -0.4
 1.0s 1.40nm
 S.D. = 1.1 on 60 of 71 obs.
 ? OCT 21, 1992 01h 09m 06.27 ± 7.12s
 8.391 N ± 41.8km 71.139 W ± 39.9km
 DEPTH = 10.0km (geophysicist)
 VENEZUELA (101)
 UAV 0.22 358 iPg 09 10.80 -0.3
 iSg 09 15.90
 SDV 0.70 45 iPg 09 19.70 -0.6
 iSg 09 29.60
 TOV 1.92 44 ePnc 09 40.70 1.3
 iPP 09 41.10
 iSn 10 07.00
 CEOS 2.84 77 eP 09 52.20 -0.5
 eS 10 37.50
 S.D. = 1.5 on 4 of 4 obs.
 ? OCT 21, 1992 01h 14m 02.28 ± 4.24s
 70.104 N ± 44.2km 16.066 E ± 20.6km
 DEPTH = 10.0km (geophysicist)
 NORWEGIAN SEA (642)
 MD 2.6 (BER).
 TRO 1.10 114 eP 14 22.71 -0.2
 eSg 14 36.04
 LOF 2.18 206 eP 14 39.01 0.0
 eSg 15 04.27
 KTK1 2.75 110 eP 14 47.48 0.3
 eSg 15 23.37
 ARA0 3.32 95 Pn 14 55.17 -0.1
 Sn 15 33.79
 Sg 15 43.42
 S.D. = 0.4 on 4 of 4 obs.
 ? OCT 21, 1992 02h 04m 27.89 ± 2.67s
 18.203 N ± 16.2km 67.156 W ± 22.9km
 DEPTH = 33.0km (normal)
 MONA PASSAGE (89)
 MGP 0.20 162 iP 04 34.40 -0.1
 LRS 0.31 73 iP 04 36.00 0.2
 APR 0.47 59 iP 04 38.50 0.4
 PORP 0.52 107 iP 04 38.70 0.0
 CLLP 0.56 102 iP 04 40.00 0.6
 CPD 1.19 98 iP 04 48.80 0.5

LPR 1.23 85 iP 04 47.30 -1.6
 S.D. = 0.9 on 7 of 7 obs.
 ? OCT 21, 1992 03h 26m 36.96 ± 2.79s
 29.704 S ± 14.1km 71.051 W ± 32.7km
 DEPTH = 18.6 ± 11.4 km
 NEAR COAST OF CENTRAL CHILE (135)
 RTCB 2.63 133 iPd 27 20.00 0.6
 RTLL 2.75 127 ePd 27 21.80 0.7
 RTCV 3.05 135 iPd 27 25.50 0.3
 (S) 27 53.80
 CFA 3.08 129 eP 27 26.00 0.4
 S 28 13.00
 MDZ 3.69 150 e(P) 27 46.30 12.0X
 CYA 4.77 76 ePd 27 50.00 0.3
 MRA 5.32 122 ePd 27 56.00 -1.4
 TCA 5.81 108 iP 28 02.90 -1.4
 (S) 28 11.00
 ZOBO 13.62 12 eP 29 51.00 -1.2
 SIV 16.44 36 eP 30 30.00 1.6
 S.D. = 1.4 on 9 of 10 obs.
 OCT 21, 1992 03h 43m 04.61 ± 0.88s
 6.240 S ± 7.4km 145.742 E ± 15.3km
 DEPTH = 33.0km (normal)
 4.4mb (2 obs.)
 NEW GUINEA, PAPUA NEW GUINEA (202)
 ML 4.2 (PMG).
 MDG 0.98 2 iPd 43 22.30 0.2
 WWKK 3.35 321 eP 43 55.70 -0.2
 PMG 3.44 156 eP 43 57.20 -0.1
 eS 44 37.00
 WB2 17.55 218 iPc 47 09.00 0.5
 0.2s 7.10nm 4.5mb
 ASPA 20.74 212 eP 47 44.70 -0.4
 0.4s 5.80nm 4.3mb
 S.D. = 0.5 on 5 of 5 obs.
 OCT 21, 1992 04h 42m 36.56 ± 0.62s
 44.528 N ± 5.4km 10.084 E ± 6.6km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.6 (LDG).
 MME 0.55 127 P 42 48.00 0.0
 eSn 42 55.60
 PII 0.87 158 P 42 53.10 -0.1
 eSg 43 04.50
 SAL 1.12 16 P 42 58.40 0.8
 eSn 43 14.70
 MDI 1.28 348 P 43 01.10 0.9
 eSg 43 19.20
 CKI 1.30 266 P 42 20.30 -40.3X
 eSg 42 24.30
 ORO 1.85 307 P 43 10.40 1.7
 CTI 1.88 35 P 43 08.60 -0.5
 SBF 2.02 252 Pn 43 10.40 -0.7
 Sn 43 33.50
 PGF 2.13 202 Pn 43 14.30 1.5
 LPG 2.55 293 Pn 43 20.70 1.7
 Sn 43 48.00
 LPL 2.57 294 Pn 43 20.50 1.3
 Sn 43 49.00
 FRF 2.66 250 Pn 43 19.30 -0.9
 Sn 43 49.40
 LMR 2.84 246 Pn 43 21.40 -1.4
 Sn 43 53.40
 LRG 2.89 250 Pn 43 23.40 -0.1
 BSF 4.02 326 Pn 43 38.70 -0.8
 Sn 44 24.40
 HAU 4.34 325 Pn 43 42.70 -1.3
 Sn 44 31.50
 CDF 4.34 334 Pn 43 42.10 -2.1
 Sn 44 29.90
 S.D. = 1.3 on 16 of 17 obs.
 OCT 21, 1992 05h 21m 06.53 ± 0.39s
 51.307 N ± 10.1km 178.456 W ± 4.6km
 DEPTH = 33.0km (normal)
 4.6mb (32 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 ADK 1.25 62 ePc 21 29.25 1.5
 SDN 11.47 62 eP 23 51.80 1.0
 SVW 15.96 43 (P) 24 52.28 2.3

KDC 0.7s 35.75nm 4.6mb
 16.32 57 (P) 24 50.23 -4.3X
 0.5s 5.01nm 3.9mb
 SLKM 18.17 49 eP 25 17.72 0.1
 PMS 18.71 47 eP 25 26.00 1.7
 0.3s 6.80nm 4.3mb
 IMA 19.40 31 eP 25 31.66 -0.8
 1.2s 14.69nm 4.1mb
 KLU 20.46 48 (P) 25 43.20 -0.5
 TOA 20.52 46 eP 25 46.50 2.3
 FBA 20.87 38 eP 25 46.00 -1.7
 0.6s 4.64nm 4.0mb
 BALM 22.05 50 (P) 26 00.82 1.0
 MBC 33.59 22 ePd 27 44.90 -0.2
 0.6s 2.00nm 4.2mb
 LON 36.63 74 eP 28 11.63 0.2
 NEW 38.71 70 eP 28 28.60 -0.2
 0.8s 17.50nm 4.9mb
 SNY 40.00 280 Pc 28 40.40 0.9
 0.8s 9.00nm 4.6mb
 LRM 42.70 70 eP 29 01.90 0.0
 DUG 45.68 77 eP 29 26.60 0.7
 0.6s 2.32nm 4.3mb
 BW06 46.12 72 eP 29 29.29 -0.2
 0.9s 5.93nm 4.5mb
 DAU 46.50 76 (P) 29 32.82 0.3
 MSU 47.09 79 eP 29 37.68 0.5
 TIA 47.39 278 eP 29 39.60 0.4
 SRU 47.74 77 eP 29 42.37 0.2
 HHC 47.92 286 P 29 44.60 1.1
 1.2s 12.00nm 4.8mb
 PV10 49.10 77 eP 29 54.00 1.2
 GOL 50.49 73 eP 30 03.36 -0.1
 0.7s 5.65nm 4.7mb
 WHN 52.88 274 eP 30 21.50 0.3
 XAN 53.89 281 Pc 30 28.20 -0.4
 0.8s 5.50nm 4.6mb
 pP 30 42.30 52kmX
 LZH 55.61 286 iPc 30 42.00 0.6
 1.2s 36.00nm 5.3mb
 pP 30 56.00 51kmX
 sP 31 00.00
 GTA 55.79 292 eP 30 42.80 0.2
 0.6s 11.00nm 5.1mb
 TUL 58.69 70 eP 31 01.40 -1.6
 1.0s 10.80nm 4.9mb
 e 31 06.30
 RLO 58.97 70 eP 31 02.60 -2.4
 e 31 08.60
 VVO 59.12 71 ePc 31 05.00 -1.0
 e 31 09.70
 FVM 60.39 65 eP 31 12.58 -2.1
 0.7s 9.96nm 5.1mb
 MIAR 60.95 70 eP 31 17.45 -1.0
 0.5s 2.97nm 4.7mb
 KAF 65.23 347 iP 31 42.90 -3.4X
 0.4s 3.10nm 4.8mb
 NUR 67.00 348 eP 31 56.20 -1.4
 PRM 67.73 63 eP 32 02.00 -0.7
 NB2 67.74 355 P 32 00.20 -2.2
 0.6s 1.40nm 4.2mb
 HFS 68.48 353 eP 32 05.70 -1.2
 0.4s 1.20nm 4.3mb
 GUN 72.08 292 P 32 30.34 0.6
 0.4s 155.00nm 6.3mb X
 KKN 72.52 293 P 32 32.72 0.6
 0.7s 113.00nm 6.0mb X
 PKI 72.61 292 P 32 33.12 0.3
 0.6s 50.00nm 5.7mb X
 GKN 72.73 293 P 32 33.62 0.3
 0.6s 65.00nm 5.8mb X
 DMN 72.76 293 P 32 34.50 0.9
 GEC2 79.69 352 P 33 11.10 -0.9
 0.6s 0.82nm 3.9mb
 LDF 80.47 1 eP 33 15.30 -0.8
 0.5s 4.45nm 4.7mb
 LOR 81.79 358 eP 33 23.10 0.1
 SSF 82.00 359 eP 33 23.70 -0.4
 0.5s 2.05nm 4.4mb
 WRA 82.11 224 P 33 26.00 1.1
 0.6s 0.70nm 3.9mb
 AVF 82.27 359 eP 33 25.60 0.1
 0.7s 3.65nm 4.5mb
 SMF 82.41 358 eP 33 25.70 -0.6
 0.6s 2.25nm 4.4mb
 LSF 82.83 0 eP 33 28.50 0.1
 0.4s 3.40nm 4.8mb

21d 05h

RJF 83.77 0 eP 33 33.60 0.3
 0.8s 4.15nm 4.6mb
 LFF 84.13 1 eP 33 35.50 0.4
 LPO 84.39 0 eP 33 36.60 0.2
 0.6s 4.35nm 4.8mb
 ASPA 85.58 223 P 33 42.29 -0.2
 0.7s 1.80nm 4.4mb
 POO 86.28 295 iPc 33 40.30 -6.0X
 PGF 86.30 354 eP 33 46.00 -0.1
 0.7s 13.25nm 5.3mb
 GBA 88.10 289 P 33 55.30 0.3
 KIC 122.31 7 PKP 39 58.50 -1.2
 S.D. = 1.0 on 57 of 60 obs.

OCT 21, 1992 05h 49m 35.49± 0.22s
 6.959 N ± 3.3km 76.742 W ± 4.8km
 DEPTH = 10.0km (geophysicist)
 4.6mb (21 obs.)
 NORTHERN COLOMBIA (99)
 MD 4.5 (UPA).

HOBC 2.66 167 iPd 50 18.00 -1.3
 CLMC 3.06 177 iPd 50 24.90 -0.1
 AZUC 3.30 169 iPd 50 28.65 0.0
 UPA 3.42 306 eP 50 33.15 3.2X
 0.8s 5.10nm 5.3mb
 ANCC 3.42 182 iPd 50 29.68 -0.4
 HOOC 3.47 178 iPd 50 30.27 -0.6
 BOG 3.53 131 eP 50 36.50 4.7X
 0.8s 5.10nm 5.3mb
 ECO 3.77 309 eP 50 40.09 5.0X
 0.8s 5.10nm 5.3mb
 SILC 4.26 175 eP 50 43.35 1.0
 PURC 4.62 175 eP 50 49.30 1.8
 DVD 5.84 285 iP 51 05.34 1.1
 SDV 6.35 72 ePnc 51 12.30 0.7
 0.8s 5.10nm 5.3mb
 TOV 7.43 67 eP 51 26.80 0.2
 0.8s 5.10nm 5.3mb
 MORO 9.19 64 eP 51 50.70 -0.5
 STH 11.05 360 iPd 52 16.03 -0.7
 ARE 23.84 167 eP 54 57.00 6.8X
 ZOBO 24.62 160 eP 54 58.00 -0.1
 0.3 03.00 0.0

LPB 24.86 160 P 55 04.00 3.8X
 HBF 26.06 353 eP 55 14.72 3.8X
 SGS 26.34 353 eP 55 15.36 2.0
 CCH 26.36 157 P 55 14.30 0.2
 JSC 27.50 352 (P) 55 24.46 0.4
 SIV 27.58 146 eP 55 23.00 -2.0
 LHS 27.64 353 eP 55 25.19 -0.1
 NAV 30.44 354 eP 55 50.81 0.3
 OLY 31.46 337 eP 55 58.48 -1.0
 UYO 31.64 331 iPd 56 01.00 0.0
 VVO 33.20 331 e(P) 56 14.10 -0.5
 0.8s 5.10nm 5.3mb

FVM 33.29 340 ePc 56 15.00 -0.4
 0.9s 15.27nm 4.9mb
 RLO 33.54 333 eP 56 15.90 -1.7
 0.8s 5.10nm 5.3mb
 TUL 33.69 331 eP 56 18.10 -0.8
 0.7s 7.90nm 4.8mb

BDF 36.35 128 e(P) 56 46.00 4.0X
 0.8s 5.10nm 5.3mb

RSNY 37.49 3 P 56 58.71 7.6X
 0.9s 5.46nm 4.3mb

ALO 39.02 320 eP 57 03.96 -0.4
 0.7s 4.67nm 4.3mb

EEO 39.59 357 eP 57 18.00 9.4X
 0.8s 5.10nm 5.3mb

TUC 40.48 313 eP 57 16.86 0.5
 0.9s 4.99nm 4.2mb

GOL 41.51 326 eP 57 24.84 0.0
 1.0s 9.86nm 4.5mb

PDCR 42.11 117 (P) 57 28.00 -1.7
 0.8s 5.10nm 5.3mb

GLA 43.82 312 eP 57 44.62 1.1
 0.8s 5.10nm 5.3mb

SRU 44.15 322 eP 57 46.41 0.1
 0.8s 5.10nm 5.3mb

MSU 44.83 320 eP 57 51.98 0.1
 0.8s 5.10nm 5.3mb

ARUT 45.25 318 eP 57 53.32 -1.9
 0.8s 5.10nm 5.3mb

DAU 45.39 323 ePc 57 56.72 0.3
 0.8s 5.10nm 5.3mb

BW06 45.91 326 eP 57 59.00 -1.4
 1.2s 7.53nm 4.6mb

PEC 45.93 311 eP 58 00.65 0.2
 0.8s 5.10nm 5.3mb

ULM 46.02 343 ePd 58 02.80 1.9
 0.8s 5.10nm 5.3mb

DUG 46.21 321 eP 58 03.20 0.5
 0.8s 5.10nm 5.3mb

GSC 46.31 313 eP 58 04.29 0.8
 JAO 46.71 1 eP 58 10.50 4.3X
 PTI 47.56 325 eP 58 13.61 0.2
 TNP 47.94 316 eP 58 16.72 0.2
 0.7s 4.95nm 4.7mb
 BONR 48.63 316 eP 58 22.84 0.9
 LRM 49.48 328 eP 58 28.00 -0.3
 ORV 51.59 316 eP 58 43.50 -0.7
 NEW 53.50 327 eP 58 56.59 -1.7
 1.0s 6.50nm 4.6mb
 YKA 61.93 341 eP 59 55.60 -1.9
 0.8s 5.00nm 4.8mb

KIC 71.45 86 P 00 55.84 -2.9X
 1.0s 12.50nm 5.0mb

MBC 73.04 350 eP 01 06.50 -0.6
 0.9s 3.00nm 4.4mb

MFF 75.77 44 eP 01 23.80 0.4
 0.8s 8.85nm 4.9mb

LPO 76.56 46 eP 01 28.20 0.3
 0.5s 3.45nm 4.7mb

RJF 76.83 45 eP 01 29.70 0.3
 0.8s 4.55nm 4.6mb

CAF 77.20 46 eP 01 31.90 0.4
 0.8s 5.10nm 4.7mb

AVF 78.18 44 eP 01 37.60 0.8
 0.9s 6.90nm 4.7mb

SMF 78.51 44 eP 01 38.70 0.1
 1.0s 10.00nm 4.8mb

BSF 80.55 43 eP 01 49.60 -0.1
 CDF 80.87 42 eP 01 51.70 0.3

GEC2 85.11 42 Pd 02 14.20 1.1
 0.9s 1.70nm 4.3mb

ASPA 146.22 237 iPKPc 09 18.40 0.8
 0.7s 5.70nm 4.7mb

WB2 147.20 244 ePKP 09 19.10 -0.1
 0.9s 2.60nm 4.3mb

WRA 147.21 244 PKP 09 19.60 0.4
 0.8s 1.80nm 4.3mb

GBA 147.22 51 PKP 09 21.20 1.9
 S.D. = 1.0 on 60 of 71 obs.

* OCT 21, 1992 05h 52m 38.27± 0.59s
 14.744 S ± 28.1km 173.793 W ± 19.6km
 DEPTH = 33.0km (normol)
 4.8mb (9 obs.)

SAMOA ISLANDS REGION (169)

DZM 20.11 246 iPc 57 17.00 4.7X
 CMS 40.44 239 eP 00 16.70 1.3

STKA 44.04 239 eP 00 43.60 -1.2
 WB2 49.61 256 eP 01 26.90 -2.0

WRA 49.63 256 P 01 28.00 -0.9
 ASPA 49.96 251 iPc 01 31.10 -0.4

1.0s 8.80nm 4.7mb
 GSC 73.40 46 eP 04 09.24 0.0

GLA 73.64 49 eP 04 09.14 -1.5
 TNP 74.62 43 eP 04 15.82 -0.6

1.2s 4.31nm 4.3mb
 TUC 76.27 51 eP 04 25.11 -0.7

0.9s 7.73nm 4.7mb
 SHW 76.35 34 eP 04 25.69 -0.3

RMW 77.38 33 eP 04 31.47 -0.1
 CRP 77.69 11 eP 04 32.39 -0.8

MSU 78.23 45 eP 04 36.67 -0.1
 PMR 78.56 12 eP 04 37.69 0.0

1.0s 19.74nm 5.1mb
 TTA 78.66 8 ePd 04 39.59 1.2

0.9s 9.04nm 4.8mb
 DPW 79.56 34 eP 04 43.19 -0.4

PV10 80.33 46 eP 04 48.59 0.5
 HHA1 80.49 41 eP 04 48.83 0.1

ALO 80.67 50 eP 04 49.02 -0.9
 0.9s 7.56nm 4.7mb

LRM 81.74 38 ePd 04 55.10 -0.2
 BW06 82.04 42 iPd 04 56.09 -0.9

1.3s 17.21nm 4.9mb
 GOL 83.48 46 ePc 05 04.13 -0.3

1.2s 28.28nm 5.3mb
 SES 84.88 35 eP 05 11.00 0.0

YKA 89.65 24 eP 05 33.70 -0.1
 0.8s 3.80nm 4.7mb

PRU 144.20 351 ePKP 12 12.00 -0.4
 GRF 144.91 354 ePKPd 12 13.90 0.3

1.0s 12.19nm 4.8mb
 PSZ 145.03 344 ePKPd 12 14.30 0.3

MLR 145.12 335 ePKP 12 15.00 0.7
 KHC 145.18 352 PKP 12 14.50 0.4

1.2s 11.50nm 4.8mb
 GEC2 145.44 351 PKP 12 15.20 0.5

ZST 145.45 347 ePKP 12 16.50 2.0
 SRO 145.53 346 ePKP 12 16.10 1.4

CDF 146.42 359 ePKP 12 18.00 1.7
 1.2s 19.05nm 5.3mb

HAU 146.84 360 ePKP 12 19.10 2.2X
 0.9s 8.70nm 4.8mb

BSF 147.01 359 ePKP 12 18.60 1.3
 0.9s 7.35nm 4.8mb

LOR 147.51 3 ePKP 12 20.70 2.7X
 0.7s 5.30nm 4.8mb

SSF 147.70 3 ePKP 12 21.50 3.2X
 1.0s 11.00nm 4.8mb

LBF 147.80 3 ePKP 12 21.60 3.1X
 0.9s 7.20nm 4.8mb

AVF 147.96 4 ePKP 12 21.90 3.2X
 0.9s 4.40nm 4.8mb

LSF 148.35 6 ePKP 12 26.00 6.7X
 0.8s 10.05nm 4.8mb

TCF 148.38 5 ePKP 12 26.30 6.9X
 1.0s 6.80nm 4.8mb

1.2s 11.50nm 4.8mb
 VBY 148.40 348 e(PKP) 12 23.50 4.1X

LPL 149.32 359 ePKP 12 26.90 5.7X
 1.1s 10.75nm 4.8mb

LPG 149.34 359 ePKP 12 26.80 5.5X
 0.8s 5.25nm 4.8mb

SKO 149.84 337 iPKP 12 27.70 5.9X
 BCAA 164.11 231 ePKPc 12 47.00 6.9X

0.9s 5.00nm 4.8mb
 S.D. = 0.9 on 34 of 47 obs.

? OCT 21, 1992 06h 23m 30.20± 1.17s
 16.883 N ± 15.4km 97.094 W ± 8.6km
 DEPTH = 41.4 ± 30.1 km

OAXACA, MEXICO (60)

OXX 0.41 61 iP 23 40.00 0.0
 0.8s 5.10nm 5.3mb

IISM 2.11 353 eP 24 04.00 0.2
 IIT 2.42 332 eP 24 17.00 8.6X

ACX 2.65 270 eP 24 11.50 0.1
 UNM 3.14 321 (P) 24 18.50 -0.2

SCX 4.27 91 (P) 24 34.50 0.0
 MRX 4.80 306 (P) 24 49.00 7.1X

S.D. = 0.3 on 5 of 7 obs.

% OCT 21, 1992 06h 51m 47.39± 1.98s
 42.886 N ± 13.9km 0.808 W ± 6.8km
 DEPTH = 10.0km (geophysicist)

PYRENEES (378)
 ML 1.0 (STR).

LHE 0.14 79 Pg 51 50.82 0.0
 ISSF 0.14 4 Pg 51 51.06 0.2

ATE 0.21 21 Pg 51 51.99 -0.1
 0.8s 5.10nm 5.3mb

ESCF 0.26 42 Pg 51 53.11 0.2
 0.8s 5.10nm 5.3mb

MADF 0.26 358 Pg 51 53.16 0.3
 0.8s 5.10nm 5.3mb

BOH 0.26 325 Pg 51 53.42 0.4
 0.8s 5.10nm 5.3mb

ELYF 0.31 335 Pg 51 53.57 -0.4
 0.8s 5.10nm 5.3mb

JAU 0.36 65 Pg 51 54.89 0.1
 0.8s 5.10nm 5.3mb

OGE 0.37 41 Pg 51 55.13 0.1
 S.D. = 0.3 on 9 of 9 obs.

OCT 21, 1992 07h 34m 54.50± 0.22s
 6.926 N ± 3.3km 76.658 W ± 5.0km
 DEPTH = 10.0km (geophysicist)

4.6mb (14 obs.)
 NORTHERN COLOMBIA (99)
 MD 4.8 (UPA).

HOBC 2.61 168 iPd 35 36.18 -1.4
 CLMC 3.03 178 iPd 35 43.13 -0.4

AZUC 3.25 171 iPd 35 46.83 -0.2
 ANCC 3.39 184 iPd 35 47.98 -0.7

HOOC 3.44 180 iPd 35 48.50 -0.9
 0.8s 5.10nm 5.3mb

BOG	3.45	131	iPc	35	57.00	7.3X	31.487 S ±10.1km	68.322 W ± 9.2km	59.533 N	152.146 W
UPA	3.51	306	iP	35	49.72	-0.4	DEPTH = 33.0km (normal)		DEPTH = 63.2km	
			eS	36	38.56		SAN JUAN PROVINCE, ARGENTINA	(137)	SOUTHERN ALASKA	(2)
			eS	36	38.56				<AEIC>. ML 2.9 (AEIC).	
BMG	3.56	87	eP	35	57.00	6.0X	RTLL	0.20 321 iPd	34 28.70	0.2
ECO	3.86	309	iP	35	54.88	-0.4	RTCV	0.42 206 iPd	34 31.00	-0.3
SILC	4.22	176	eP	36	01.57	0.8	MRA	2.41 113 ePd	35 00.20	0.5
PURC	4.58	176	eP	36	07.41	1.4		S	35 31.10	
DVD	5.93	285	iP	36	24.80	0.3	TCA	3.19 88 eP	35 10.50	-0.5
MORO	9.13	64	eP	37	09.60	0.3		i	35 16.60	
LLAV	10.35	69	P	37	26.00	-0.3		i	35 47.00	
YHJ	10.90	1	iPd	37	38.21	4.5X		i	35 55.50	
STH	11.09	359	iPd	37	37.64	1.4	RFA	3.28 182 ePd	35 12.30	0.1
ARE	23.79	168	eP	40	13.00	4.3X		i	35 20.00	
ZOBO	24.56	160	iPc	40	18.80	2.3		S	36 03.20	
	1.1s	14.50nm			4.5mb		S.D. = 0.5	on 5 of 5 obs.		
Z	22s	0.26um			3.7Msz					
LPB	24.80	160	P	40	22.80	4.2X	? OCT 21, 1992 09h 32m 37.18± 5.59s			
			e	47	32.00		34.906 S ±54.1km	70.942 W ±19.5km		
CCH	26.29	157	eP	40	33.00	0.5	DEPTH = 110.0km (geophysicist)			
SIV	27.51	146	P	40	43.60	0.3	CHILE-ARGENTINA BORDER REGION	(127)		
OLY	31.53	336	eP	41	18.12	-0.9	CHCH	1.00 14 iPd	32 58.73	0.0
UYO	31.71	331	iPc	41	20.60	0.0		iS	33 14.75	
FVM	33.35	340	eP	41	34.97	0.1	LNV	1.02 338 iP+	32 58.74	-0.1
	0.7s	16.85nm			5.1mb			iS	33 15.77	
BDF	36.26	128	Pc	42	03.70	3.4X	TACH	1.25 0 iP+	33 01.27	-0.2
			e	42	06.50			iS	33 19.41	
			e	42	07.60		PCH	1.33 16 iPd	33 02.74	0.3
			e	42	09.00			iS	33 21.23	
PPD	38.02	140 (P)		42	14.00	-0.8	LCCH	1.52 340 iP+	33 04.75	0.2
ALO	39.10	320 eP		42	23.90	-0.1		iS	33 25.49	
	0.8s	6.30nm			4.3mb		FCH	1.66 19 iPd	33 06.58	-0.2
GOL	41.58	326 eP		42	44.74	0.3		iS	33 29.41	
	1.0s	11.80nm			4.6mb		ROCH	1.93 358 iP+	33 10.00	0.0
PDCR	42.02	117 eP		42	35.40	-12.6X		iS	33 35.23	
			e	42	46.70		JACH	2.24 8 iP	33 13.79	-0.1
GLA	43.90	312 eP		43	04.19	1.0		iS	33 41.22	
SRU	44.22	322 eP		43	05.74	-0.2	S.D. = 0.2	on 8 of 8 obs.		
EMUT	44.83	322 eP		43	10.98	0.0	* OCT 21, 1992 10h 15m 35.02± 1.67s			
MSU	44.91	320 iPc		43	11.87	0.3	19.368 S ±15.3km	168.468 E ±34.0km		
ARUT	45.33	318 ePc		43	15.08	0.3	DEPTH = 106.2 ± 12.1 km			
DAU	45.46	323 eP		43	16.34	0.3	4.2mb (2 obs.)			
PLM	45.56	311 eP		43	17.33	0.6	VANUATU ISLANDS	(186)		
BW06	45.99	326 ePc		43	19.29	-0.7	PVC	1.63 355 iPc	16 04.70	1.2
	1.1s	7.14nm			4.6mb		BKM	1.70 353 iPc	16 03.20	-1.4
PEC	46.02	311 eP		43	20.80	0.6		ePd	16 26.00	0.3
	0.7s	2.90nm			4.4mb		DZM		iS	17 15.40
ULM	46.08	343 eP		43	22.00	1.7	BRS	16.46 238 e(P)	19 42.00	21.0X
DUG	46.29	321 eP		43	22.95	0.6	WB2	32.10 263 eP	21 54.00	-0.3
	0.8s	5.56nm			4.6mb			0.5s	1.30nm	3.9mb
GSC	46.40	313 (P)		43	23.59	0.4	ASPA	32.39 256 iPc	22 04.00	7.2X
TPNV	46.80	316 (P)		43	27.27	0.8		1.0s	9.00nm	4.5mb
HHA1	47.91	325 eP		43	34.97	-0.1	NVL	88.64 188 eP	28 16.00	-1.0
TNP	48.03	316 eP		43	36.33	0.1	SKO	144.12 316 iPKP	35 01.10	1.2
	0.8s	7.80nm			4.8mb			1.2s	39.00nm	
BONR	48.71	316 ePc		43	42.03	0.4	GEC2	144.26 331 PKP	35 00.00	-0.1
LRM	49.55	327 eP		43	47.50	-0.4		1.0s	1.96nm	
ORV	51.67	316 eP		44	03.80	0.0		e	35 03.40	
LBFM	52.75	318 eP		44	11.34	-0.9	BCAO	147.14 247 iPKPc	35 11.50	5.7X
NEW	53.57	327 eP		44	16.29	-1.6		0.9s	18.00nm	
	1.0s	8.00nm			4.7mb		S.D. = 1.4	on 7 of 10 obs.		
DPW	53.92	326 eP		44	19.76	-0.7	% OCT 21, 1992 10h 49m 12.98± 0.67s			
YKA	61.99	341 eP		45	15.10	-1.8	37.090 N ± 6.0km	5.394 W ± 6.5km		
	0.7s	4.30nm			4.7mb		DEPTH = 10.0km (geophysicist)			
LIC	71.10	86 P		46	14.70	-1.0	SPAIN	(377)		
KIC	71.37	86 P		46	16.62	-0.7	mbLg 2.9 (MDD).			
	1.1s	26.00nm			5.3mb		EPRU	0.18 134 iPgc	49 16.36	-0.7
MBC	73.09	350 eP		46	25.50	-0.9		eSg	49 19.50	
FBA	75.80	335 (P)		46	40.91	-1.3	EJIF	0.64 185 ePg	49 26.06	0.2
	1.1s	3.05nm			4.3mb			eSg	49 35.40	
IMA	78.44	336 eP		46	56.80	-0.3	EHOR	0.74 9 iPgd	49 27.49	0.0
	1.2s	22.20nm			5.1mb			eSg	49 37.70	
GEC2	85.08	42 P		47	33.70	1.7	EVAL	1.19 295 iPgc	49 35.01	-0.1
	1.0s	1.84nm			4.2mb			eSg	49 51.50	
SVO	124.08	264 ePd i f f	50	32.00	2.6X		ECOG	1.47 82 iPnc	49 39.47	-0.2
HYB	145.58	45 ePKP	54	29.40	-6.3X			eSn	49 58.60	
ASPA	146.27	237 iPKPd	54	36.90	0.2		EGUA	1.49 99 iPnc	49 40.58	0.8
	0.8s	13.80nm					EBAN	1.67 50 iPnd	49 42.21	-0.2
GBA	147.17	52 PKP	54	41.10	2.9X			eSn	50 03.70	
WB2	147.26	244 ePKP	54	38.20	-0.1		S.D. = 0.6	on 7 of 7 obs.		
	0.7s	7.70nm					% OCT 21, 1992 11h 11m 35.14s			
WRA	147.27	244 PKP	54	38.70	0.4					
	0.7s	2.20nm								
S.D. = 0.9	on 53 of 63 obs.									

15.884 N \pm 9.3km 60.749 W \pm 24.2km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
ML 2.6 (FDF).

DEG	0.52	325	eP	22	50.00	-0.2
			S	22	56.60	
SFG	0.57	311	eP	22	51.26	0.2
			S	22	59.20	
PAG	0.91	279	eP	22	56.93	-0.1
			S	23	09.10	
FDF	1.21	199	iPd	23	02.05	-0.1
			S	23	17.30	
BIM	1.39	193	eP	23	05.20	0.1
			S	23	22.70	
S.D. = 0.2 on 5 af 5 abs.						

OCT 21, 1992 12h 11m 13.88± 0.11s
6.870 S ± 2.6km 144.174 E ± 3.3km
DEPTH = 19.3km (geophysicist)
5.9mb (99 obs.) 6.0MSZ (57 obs.)
NEW GUINEA. PAPUA NEW GUINEA (202)
Mo=1.6*10**18 Nm (PPT). Depth
from broadband displacement
seismograms.

```

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=345 Dip=60 Slip= 128
NP2:      108      47      43
Principal Axes:
T          Plg=57    Azm=308
P          7        49

```

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a large strike-slip component. The preferred fault plane is not determined.

RADIATED ENERGY
 No. of sto: 13 Focal mech. F
 Energy 2.0±0.5*10**13 Nm
 MOMENT TENSOR SOLUTION
 Dep 7 No. of sto: 19
 Moment Tensor; Scale 10**18 Nm
 Mrr= 1.99 Mtt=-0.69
 Mff=-1.31 Mrt= 0.12
 Mrf= 0.83 Mtf= 0.74

```

Principal axes:
  T Val= 2.22 Plg=74 Azm=293
  N -0.32 12 152
  P -1.90 9 59
Best Double Couple: Mo=2.1*10**18
NP1: Strike=135 Dip=37 Slip= 69
NP2: 340 56 105
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 98C M.W.: 27S, 46C
Centroid Location:
Origin Time 12:11:21.4 0.1
Lat 6.91S 0.01 Lon 144.18E 0.01
Dep 16.5 BDY Half-duration 2.9
Moment Tensor; Scale 10**18 Nm
Mrr= 1.86 0.01 Mtt=-1.59 0.01
Mff=-0.27 0.02 Mrt= 0.47 0.06
Mrf= 0.70 0.05 Mtf= 0.60 0.01
Principal Axes:
  T Val= 2.18 Plg=70 Azm=298
  N -0.34 20 108
  P -1.83 3 200
Best Double Couple: Mo=2.0*10**18
NP1: Strike=310 Dip=45 Slip= 119
NP2: 91 52 64

```

MNDI	0.88	324	iPc	11	34.00	3.6X
			iS	17	14.00	
PMG	3.88	131	eP	12	12.00	-1.9X
			eS	13	00.00	
JAY	5.54	321	ePd	12	38.50	1.1
	0.6s	874.70nm				6.6mb
RAB	8.38	72	eP	13	18.00	0.6
			eS	14	52.00	
CTA	13.29	171	iPd	14	25.00	0.8
	1.2s	74.22nm				5.6mb
			i	14	32.00	
			i	14	37.00	
			eS	17	36.00	
CTAO	13.29	171	ePn	14	25.91	1.7
MTN	14.15	244	eP	14	33.20	-2.3X

			eS	17	04.00	
QIS	14.31	198	eP	14	37.20	-0.4
			eS	17	11.00	
SVO	15.65	99	eP	15	02.00	6.9X
HNR	15.82	100	eP	14	57.00	-0.3
			eS	18	00.00	
KNA	17.48	238	eP	15	16.50	-1.9
			e	18	21.00	
			e	20	33.00	
ASPA	19.40	209	iPc	15	42.40	0.5
	0.9s	883.80nm				6.0mb
			iS	19	13.30	
QLP	19.61	180	iPc	15	44.00	-0.2
GUMO	20.34	2 (P)		15	51.92	0.0
	1.0s	1693.00nm				6.4mb
Z	26s	33.88um				5.6Msxx

		e	16	00.20	
		e	16	37.50	
		eS	19	33.00	
PJG	20.34	2 eP	15	51.30	-0.6
MNI	20.99	292 ePd	15	59.30	0.7
	0.9s	1216.30nm			6.3mb
BRS	21.98	159 iP	16	08.00	-0.7
BRS	21.98	159 iPc+	16	10.50	1.8
	1.5s	17.00nm			4.3mb x

	16	15	50	15	50
e	16	15	50		
i	16	29	00		
e	20	12	00		
e	22	22	00		
i	23	28	00		
i	23	54	00		
e	24	13	00		

BIP	23.33	310	eP	16	32.00	10.1X
ARMA	24.45	164	iPc	16	36.60	3.7X
	1.0s	393.00nm				6.0mb
CMS	24.54	177	iPd	16	34.00	0.4
	0.7s	41.00nm				5.1mb
MKS	24.62	272	ePd	16	36.90	2.4
STKA	25.00	185	iPc	16	36.80	-1.2
		eS	21	06.20		

STK	25.00	185	P	21	00.20	
WARB	25.46	219	iPc	16	37.79	-0.2
BKM	25.82	117	iPc	16	41.90	-0.5
PVC	25.82	117	iPc	16	49.00	3.2X
DZM	25.98	117	iPd	16	50.00	3.4X
DZM	26.27	127	iPc	16	48.00	-2.1
MAP	26.38	310	ePc	16	51.00	0.0
MBL	27.50	236	eP	17	01.50	0.3

	0.65	115.00nm	5.7mb
RIV	27.60	167 eP	17 05.00
Z	19s	6.81um	17 06.00 4.1X
BWA	27.70	172 eS	21 49.00
		i	17 03.50 0.5
CAN	28.66	172 eP	17 06.70
		i	17 11.20 -0.4
			17 14.40

CNB	28.71	171	i P _C	17	14.40	0.3
	0.9 s	78.00 nm		17	12.40	5.5 mb
TOO	30.58	178	e P	17	24.00	-4.8 X
	0.9 s	162.00 nm				5.9 mb
			i	17	32.70	
KKM	30.71	294	e P _C	17	30.00	-0.2
MEEK	31.27	228	e P	17	43.00	8.0 X
NANH	31.30	233	e P	17	33.00	0.7

MANU	31.70	239	eP	17	37.00	-1.7
COOL	32.19	217	eP	17	41.00	-2.0
	0.5s	28.00nm			5.4mb	
CVP	32.92	318	eP	17	50.00	0.7
PIP	34.16	317	eP	17	57.00	-3.1X
MRWA	34.63	227	eP	18	02.50	-1.7
	0.6s	23.00nm			5.3mb	
	e			19	12.00	
				19	24.00	

KLB	34.83	222	eP	18 03.40	-2.5
BAL	34.94	224	eP	18 04.00	-2.8X
SVA	35.22	112	eP	17 54.00	-15.2X
MUN	36.11	223	eP	18 15.00	-1.7
			e	19 38.00	
RKG	37.24	219	eP	18 27.50	1.4
TATO	38.60	326	ePc	18 38.57	1.0
			eC	18 39.00	

			ec	18	39.90	
			ed	18	45.86	
KAGJ		39.92	eP	18	48.60	0.1
QZJ		40.25	Pc	18	52.00	0.7
	Z	20s	11.20um			5.7MsZ
	E	18s	8.19um			
			S	24	58.00	
KUMJ		41.19	P	18	59.20	0.2

HKC	41.28	315	iP	19	02.00	2.2
			S	26	18.00	
WKYJ	41.66	349	eP	19	05.00	2.1
KGM	41.72	281	ePc	19	04.80	1.2
TKSJ	41.75	347	eP	19	03.10	-0.4
MOZ	41.93	143	eP	19	05.60	0.7
	0.9s	282	nm			6.0mb
W17	42.00	142	eP	19	06.60	1.1

WLZ	42.00	142	EP	19	00.00	1.9
GZH	42.37	316	P	19	10.60	1.9
	N 17s		8.17um			
	E 17s		5.19um			
QIZ	42.51	308	Pc	19	10.40	0.4
	N 16s		4.25um			
	E 15s		7.11um			
			PP	20	51.00	
			S	25	28.00	

IIDJ	42.53	352	S	25	20.00	
SHK	42.59	346	ePc	19	11.60	1.6
SHNJ	42.61	344	eP	19	09.80	-0.4
CNZ	42.82	143	eP	19	14.00	-0.7
NGZ	42.84	143	eP	19	14.20	1.6
TSRJ	42.88	350	P	19	12.50	-0.2
CHJJ	42.97	354	iPd	19	12.50	-1.0
YONJ	43.93	347	P	19	14.00	0.0

THJ	43.03	347 eP	19 14.00	0.0
THZ	43.10	148 eP	19 15.60	1.0
	0.7 s	30.00nm		5.1mb
URZ	43.17	141 eP	19 16.60	1.5
TCW	43.44	147 eP	19 17.00	-0.3
PAHZ	43.51	142 eP	19 18.80	0.9
LTZ	43.51	150 eP	19 16.70	-1.2
	0.7 s	51.00nm		5.4mb
MAT	43.54	353 eP	19 16.00	-2.1

MAT	43.54	353	eP	19	16.00	-2.1
	1.0s		61.00nm			5.3mb
Z	20s		9.93um			5.7msz
			eS	25	41.00	
WAHZ	43.62	143	eP	19	18.80	0.0
MTMJ	43.64	353	iPd	19	18.30	-0.7
SSE	43.69	331	eP	19	19.71	0.3
	1.0s		220.00nm			5.9mb
N	16s		6.70um			

N	16 s	6.70 μ m		
E	14 s	2.50 μ m		
		epPd	19 25.67	20 km
		esP	19 28.98	
		sP	19 35.50	
		S	25 48.00	
MNG	43.71	145 P	19 17.50	-2.0
	0.7 s	189.00 nm		6.0 mb
MNG	47.71	145 P	19 10.00	

MOH	43.74	142	eP	19	19.90	0.2
SNZO	43.74	146	P	19	13.00	-6.7
			S	24	45.00	
TTH	43.80	143	eP	19	20.60	0.4
CAW	43.81	146	eP	19	19.50	-0.8
AFI	43.83	103	eP	19	18.00	-2.9
			e(S)	26	00.00	
			eLR	33	00.00	

NOZ	43.97	141 P	19 21.50	-0.1
MTW	44.08	146 P	19 21.60	-0.9
MOW	44.12	146 eP	19 21.30	-1.5
NIJ	44.14	354 iP+	19 22.20	-0.8
BLW	44.21	146 eP	19 21.50	-2.0
IPM	44.54	284 ePc	19 27.10	0.5
	1.1 s	202.10 nm		5.9 mb
		e	19 47.10	

	e	21 11.40	
TUZ	44.72 155 eP	19 27.30	-0.2
	1.1 s 323.00nm		6.1mb
YAMJ	44.98 355 eP	19 29.30	-0.4
NJ2	45.62 329 Pc	19 36.00	1.1
	1.2 s 65.00nm		5.4mb
N	17s 3.24um		
E	15s 6.15um		

			pP	19	47.00	38km.
			S	26	20.00	
SNG	45.63	287	eP	19	36.30	1.0
	1.3s	180.77	nm			5.9mb
			eS	26	24.00	
OFUJ	45.77	357	eP	19	33.50	-2.5
WHN	46.91	324	Pc	19	47.00	1.9
	1.0s	62.00	nm			5.6mb

	Z	20 s	11.30 um	5.8 Msz
	N	16 s	4.85 um	
	E	16 s	3.45 um	
			pP	19 56.50 32 km
AOMJ	47.32	356	eP	19 48.50 0.3
LOE	48.37	300	iPc	19 58.00 1.2
ERM	48.66	359	(P)	19 56.84 -1.7
			ec	19 59.82

[illegible]

ABL	99.30	56	eP	24	57.39	0.8
MEMM	99.60	53	eP	24	59.32	1.8
ISA	99.93	55	eP	24	58.58	-0.7
	1.3s		15.18nm			5.4mb
Z	19s		4.79um			6.0Msz
			SP	38	08.40	
BONR	100.11	43	ePdiff25	00.49		0.1
DPW	100.17	43	ePdiff24	59.63		-0.5
KVN	100.28	52	ePdiff25	01.17		0.2
TAB	100.37	307	ePdiff25	04.00		2.7X
			e	28	06.00	
GRS	100.37	309	ePdiff25	00.00		-1.3
	1.5s		80.00nm			6.0mb
			e	29	06.00	
			e	38	05.00	
GRO	100.85	313	ePdiff25	07.00		3.9X
			i	38	02.00	
NEW	100.88	42	ePdiff25	03.00		-0.2
	1.5s		58.31nm			5.9mb
TNP	100.97	53	ePdiff25	03.83		-0.3
	1.1s		14.03nm			5.4mb
PEC	100.98	57	ePdiff25	05.00		1.0
	1.3s		19.82nm			5.5mb
PLM	101.22	57	ePdiff25	05.85		0.6
YKA	101.24	28	Pdiff	25	05.70	1.3
	0.9s		9.00nm			5.3mb
GSC	101.29	55	ePdiff25	05.40		0.0
MTA	101.53	311	ePdiff25	05.00		-1.1
			e	29	21.00	
			e	36	33.00	
			e	38	17.00	
TPNV	101.74	54	Pdiff	25	20.00	12.5X
Z	19s		6.66um			6.2Msz
ERE	101.78	310	iPdiff25	11.00		3.5X
			i	29	20.00	
PYA	102.73	313	ePdiff25	11.00		-0.5
Z	20s		2.00um			5.6Msz
			i	29	30.00	
			e	35	52.00	
			iPS	38	26.00	
			ePPS	39	16.00	
			iSS	44	20.00	
GLA	102.92	58	ePdiff25	14.70		2.0X
KIV	103.00	313	ePdiff25	11.78		-1.1X
			ePd	25	17.49	
ARUT	103.96	53	ePdiff25	17.44		0.1
APA	104.20	338	ePdiff25	24.00		6.5X
			i	29	37.00	
LRM	104.21	45	ePdiff25	18.50		0.1
DUG	104.34	50	ePdiff25	18.58		-0.4
	1.2s		10.88nm			5.6mb
SES	104.68	40	ePdiff25	20.00		-0.1
MSU	104.92	52	ePdiff25	22.96		1.2
KEV	105.62	341	ePdiff25	27.00		3.3X
Z	16s		6.70um			6.3Msz
			ePP	29	48.00	
			eSKS	36	20.00	
			LR	17	42.00	
OBN	105.64	325	ePdiff25	22.61		-1.5X
			ec	25	24.60	
			ePd	25	28.49	
OBN	105.64	325	ePdiff25	26.00		1.9
EMUT	105.89	51	ePdiff25	26.14		0.1
SRU	106.17	51	ePdiff25	26.43		-0.8
TUC	106.34	58	Pdiff	25	27.30	-0.7
TUC	106.34	58	PKP	29	48.97	9.4X
Z	21s		7.06um			6.2Msz
			SP	39	11.01	
ANN	106.77	315	ePdiff25	30.00		0.6
NAI	107.08	267	ePdiff25	36.00		4.2X
			PP	29	46.00	
			PPS	39	22.00	
			LR	05	56.00	
PUL	107.80	331	ePdiff25	35.00		1.4
KAF	108.85	334	ePdiff25	37.40		-0.9
	0.8s		7.80nm			6.0mb
SIM	108.99	315	ePdiff25	40.00		0.7
ALO	109.77	55	ePKP	29	46.75	

KIS	112.15	318	ePdiff	25	56.00	2.7X	FIR	124.87	320	ePKP	30	17.00	2.7	SDV	145.47	84	iPKPd	30	52.50	-1.1
			e		30 40.00		DOU	125.29	329	PKP	30	15.20	0.2	TOV	146.28	83	iPKP	30	55.30	0.5
			ePS		40 02.00		Z	20s		3.20um			6.0Msz	ANTZ	147.37	314	iPKPc	30	59.00	2.9
VR1	113.88	317	ePKP		30 00.00	6.6X				PP	32	10.00		PPD	147.51	153	ePKP	30	57.50	1.0
ULM	114.16	38	ePKP		29 56.00	2.3X				PS	42	19.00					e	31	04.30	
LVV	114.42	322	iPdiff	26	08.00	4.6X	BSF	125.46	326	ePKP	30	14.60	-1.0	LRS	147.73	66	iPKP	30	57.00	0.0
			e		30 53.00			1.1s		35.15nm				PORP	147.99	67	iPKP	30	58.50	1.2
			iSS		40 27.00		HAU	125.61	326	ePKP	30	14.90	-0.9	CLLP	148.03	67	iPKP	30	58.50	1.1
MLR	114.51	317	ePKPc		29 59.00	4.3X		1.1s		23.20nm				VAO	148.38	160	ePKP	30	59.20	1.2
UZH	115.90	321	ePKP		30 06.50	9.4X	EEO	125.76	36	ePKP	30	17.50	1.4	CPD	148.65	66	iPKP	31	00.05	1.6
			e		31 04.80		BCAO	125.87	271	iPKPc	30	17.00	-0.3	CAR	149.05	81	iPKP	31	08.00	8.7X
OJC	116.82	324	ePKP		30 00.50	1.7		1.2s		70.00nm				KIC	149.12	271	PKP	30	59.36	0.1
SPC	116.95	322	ePKP		30 00.60	1.3				i	32	20.20			1.4s		150.00nm			
VAY	118.04	313	ePKP		30 02.50	1.1				iS	38	45.50		LIC	149.40	271	PKP	30	59.92	0.2
KSP	118.58	325	ePKP		29 58.00	-4.1X	LPG	126.78	324	ePKP	30	17.80	-0.7	TIC	149.41	271	PKP	30	59.70	0.0
			e		31 02.00			1.2s		22.90nm				BMA	149.51	165	ePKP	31	02.60	2.9X
UZD	118.98	320	e(PKP)		30 07.00	4.0X	LPL	126.78	324	ePKP	30	10.78	-7.6X				e	31	06.30	
ZST	119.26	322	ePKP		30 03.20	-0.3		1.0s		8.80nm				NEV	151.96	66	ePKP	31	09.69	6.3X
UYO	119.67	55	iPKPd		30 02.70	-2.0	BN1	127.06	323	PKP	30	18.80	0.0	MGH	152.41	67	ePKP	31	12.90	8.8X
BRG	119.88	326	ePKP		30 04.00	-0.6	SBF	127.23	321	ePKP	30	18.10	-1.0	CPB	152.47	65	ePKP	31	10.87	6.8X
	1.2s		15.00nm					1.1s		45.40nm				BPA	152.64	66	ePKP	31	10.72	6.3X
Z	18s		6.50um		6.3Msz		SURF	127.29	322	PKP	30	18.40	-0.9	PAG	153.11	68	ePKP	31	00.00	-5.1X
N	18s		4.40um				LOR	127.40	327	ePKP	30	18.80	-0.4	TRN	154.45	80	ePKP	31	18.95	12.0X
E	18s		3.00um					1.6s		45.40nm				BDF	154.62	152	ePKPc	31	07.94	0.7
			e		31 27.50		Z	20s		2.53um			5.9Msz				e	31	11.00	
PRU	119.97	325	ePKP		30 06.00	1.2	LBF	127.51	326	ePKP	30	18.80	-0.7				e	31	12.80	
Z	22s		3.30um		5.9Msz			1.2s		24.70nm							e	31	19.20	
N	20s		2.30um				DMU	127.60	339	ePKP	30	24.00	4.7X				e	31	20.50	
E	22s		2.60um				SSF	127.72	327	ePKP	30	19.50	-0.3				e	31	26.90	
			ePP		31 26.00			1.6s		59.10nm							e	31	28.20	
			e		32 33.50		SMF	127.78	326	ePKP	30	19.40	-0.6				e	31	33.00	
			SS		47 50.00			1.5s		53.80nm				PDCR	160.45	170	ePKP	31	14.50	0.3
CLL	120.18	327	iPKP		30 07.20	2.1	FRF	127.88	322	ePKP	30	19.70	-0.5				e	31	17.10	
	1.2s		14.00nm					1.3s		42.25nm							e	31	55.20	
Z	18s		3.50um		6.0Msz		DLF	127.94	338	ePKP	30	24.00	4.0X							
MIAR	120.29	54	ePKP		30 03.83	-2.1	LMR	128.08	321	ePKP	30	20.00	-0.6							
	1.2s		6.55um		6.3Msz			1.2s		47.30nm										
JFWS	120.33	44	ePKP		30 03.19	-2.5	DCN	128.17	339	ePKP	30	24.00	3.6X							
	1.2s		3.47um		6.0Msz		SS8	128.19	324	PKP	30	20.09	-0.7							
KHC	120.93	324	PKP		30 06.50	-0.2	PEL	128.24	142	iPKPc	30	21.00	-0.3							
	1.0s		4.30nm					0.9s		58.82nm										
Z	20s		5.70um		6.2Msz		MCWV	128.81	44	PKP	30	30.00	7.9X							
N	20s		2.40um				Z	19s		4.79um			6.2Msz							
E	20s		2.20um				TCF	128.90	327	ePKP	30	21.80	-0.3							
			e		30 09.50			1.3s		37.55nm										
PTJ	120.93	320	ePKP		30 06.20	-0.7	PRM	129.28	51	ePKP	30	22.54	-0.7							
GEC2	120.99	324	PKP		30 06.70	-0.2	LSF	129.29	327	ePKP	30	22.40	-0.4							
			Sg		30 29.90			1.5s		39.15nm										
MOX	121.28	327	ePdiff	26	47.00	13.1X	LPF	129.45	330	ePKP	30	22.60	-0.4							
	1.2s		14.00nm				RSNY	129.58	35	ePKP	30	21.97	-1.5							
MOX	121.28	327	ePKP		30 07.50	0.2	Z	19s		4.62um			6.2Msz							
Z	19s		4.80um		6.2Msz		CAF	129.81	325	ePKP	30	24.10	0.2							
N	20s		2.50um					1.2s		19.65nm										
E	19s		2.50um				JSC	130.06	50	ePKP	30	23.62	-1.0							
VBV	121.54	320	ePKP		30 04.50	-3.4X	LPO	130.46	326	ePKP	30	25.10	0.0							
			i		30 20.40			1.7s		111.75nm										
SLM	121.77	49	PKP		30 20.00	11.5X	LFF	130.54	326	ePKP	30	25.40	0.2							
	Z	21s	3.71um		6.0Msz			1.3s		29.95nm										
LJU	121.77	321	ePKP		30 07.50	-0.8	CEH	131.03	48	PKP	30	28.43	2.0							
FVM	121.82	49	ePKP		30 06.42	-2.3	Z	21s		10.12um			6.5Msz							
CEY	121.97	321	ePKP		30 06.50	-2.3	LVNJ	131.57	40	ePKP	30	27.63	0.3							
GRF	121.99	326	ePKPd		30 08.60	-0.1	TBR	131.73	39	ePKP	30	28.32	0.7							
	Z	20s	4.00um		6.1Msz		HRV	132.53	36	PKP	30	40.00	10.9X							
KBA	122.03	322	i(PKP)		30 08.30	-0.8	Z	22s		5.00um			6.2Msz							
	1.1s		16.80nm				TCA	133.10	146	e(PKP)	30	24.20	-6.4X							
VOY	122.17	321	ePKP		30 10.50	1.3				e	30	30.20								
TRI	122.40	321	e(PKP)		30 12.00	2.5	LMN	133.79	28	ePKP	30	37.00	5.6X							
			e(PP)		31 36.00		ETOR	134.73	324	ePKP	30	20.50	-13.0X							
			e(PPP)		34 28.00		GUD	136.06	325	ePKP	30	21.00	-15.0X							
			e		36 12.00		EVIA	136.36	321	ePKP	30	26.80	-9.8X							
			e(SKSP)		41 40.00		EPLA	137.54	326	ePKP	30	21.50	-17.3X							
			e		47 32.00		EHOR	138.55	323	ePKP	30	29.00	-11.6X							
FUR	122.73	324	ePKP		30 13.00	2.9X	MAL	138.72	321	ePKP	30	44.50	3.6X							
	Z	17s	3.00um		6.0MszX					iPP	33	32.00								
WTTA	122.97	323	iPKPc		30 10.00	-0.8	EJIF	139.56	321	ePKP	30	32.50	-10.0X							
	1.4s		64.50nm				EVAL	139.60	323	ePKP	30	31.20	-11.3X							
			i		30 24.10		CNCB	140.44	127	ePKP	30	38.00	-7.3X							
JAO	123.20	27	ePKP		30 10.50	-0.3	LPB	140.50	126	ePKP	30	33.00	-12.2X							
SOI	123.83	312	PKP		30 12.80	0.3	Z	24s		3.49um			6.0MszX							
ARV	123.90	319	PKP		30 12.70	0.1				LR	24	54.00								
SDI	124.07	316	PKP		30 12.30	-0.7	ZOBO	140.61	126	PKPc	30	38.00	-7.7X							
ENN	124.21	329	ePKP		30 15.00	2.1X		1.0s		45.50nm										
	1.0s		16.00nm				IFR	141.13	317	iPKP	30	44.00	-1.6							
WLF	124.75	328	ePKP		30 19.00	5.1X	CCH	141.55	129	(PKP)	30	45.00	-2.0							
CDF	124.86	326	ePKP		30 13.30	-1.1	ITB1	143.83	151	e(PKP)	30	49.00	-1.3							
							TIO	144.11	315	iPKP	30	50.00	-0.8					</		

21d 14h

SFI 0.17 201 Pc 11 58.90 -0.1
 eSg 12 03.10
 PGD 0.26 217 Pd 11 59.70 -0.4
 eSg 12 04.10
 CRE 0.46 179 Pd 12 02.80 0.1
 eSg 12 09.90
 PII 1.08 251 P 12 11.70 0.2
 eSg 12 24.10

S.D. = 0.4 on 4 of 4 obs.

& OCT 21, 1992 14h 25m 14.95s
 47.183 N 123.689 W
 DEPTH = 35.2km
 WASHINGTON (29)
 <SEA>. MD 2.9 (SEA). ML 3.0
 (GS).

OSR 0.37 330 P 25 21.20 -2.6
 CPW 0.43 119 P 25 21.20 -3.4
 HDW 0.63 43 P 25 24.18 -3.4
 OSD 0.64 359 P 25 25.65 -2.1
 OOW 0.65 329 P 25 24.18 -3.5
 MEW 0.71 88 P 25 25.65 -2.9
 GMW 0.71 59 iPc 25 28.17 -0.4
 eS 25 38.03
 BMW 0.78 156 iPc 25 28.94 -0.6
 eS 25 38.20
 RMW 1.31 77 ePc 25 36.93 -0.4
 LON 1.36 108 ePc 25 37.82 -0.1
 SHW 1.41 134 ePn 25 38.40 -0.4
 MCW 1.60 21 iPc 25 41.00 -0.5
 VGB 2.62 129 eP 25 57.01 1.2
 NEW 4.56 74 (Pn) 26 28.00 4.6

14 obs. associated

? OCT 21, 1992 14h 31m 07.59 ± 1.61s
 41.764 N ± 8.0km 20.469 E ± 17.6km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)

PHP 0.08 195 iPg 31 10.20 0.1
 iSg 31 11.70
 KKS 0.31 352 ePg 31 14.10 0.0
 eSg 31 18.60
 LACI 0.58 258 ePg 31 19.50 0.1
 TIR 0.62 228 ePg 31 19.80 -0.2
 iSg 31 29.50
 SKO 0.75 74 ePg 31 30.30 8.0X
 iSg 31 35.00

S.D. = 0.2 on 4 of 5 obs.

OCT 21, 1992 15h 05m 24.67 ± 0.37s
 6.322 S ± 6.0km 26.772 E ± 7.9km
 DEPTH = 10.0km (geophysicist)
 4.8mb (22 obs.)

ZAIRE (567)
 mbLg 4.4 (BUL).

LWI 4.53 27 iPc 06 35.30 0.2
 iS 07 23.90
 KRI 10.81 165 iPn 08 02.10 -0.6
 iSn 10 01.50
 iSg 11 08.00
 NAI 11.19 64 Pn 08 06.30 -1.7
 Sg 11 09.00
 BCAA 13.48 322 iPc 08 34.50 -4.1X
 0.9s 36.00nm 5.4mb
 iS 10 52.50
 Lg 12 32.00
 BUL 13.86 173 iPn 08 42.10 -1.6
 iSn 11 09.70
 CIR 15.33 163 iPn 08 56.70 -6.2X
 iSn 11 41.30
 KIC 33.88 291 P 12 09.14 -0.8
 LIC 34.10 291 P 12 10.86 -1.0
 TIC 34.24 292 P 12 12.24 -0.9
 0.6s 16.50nm 5.1mb
 VAY 47.57 356 iP 14 04.00 1.7
 1.2s 59.00nm 5.6mb X
 SKO 48.31 355 iP 14 08.50 0.4
 MLR 51.58 359 iPc 14 38.50 5.2X
 VRI 51.96 360 ePc 14 39.00 3.1X
 PSZ 54.35 354 ePd 14 52.70 -1.0
 EPF 54.67 336 eP 14 56.80 0.6
 0.8s 6.05nm 4.7mb
 CAF 55.63 339 eP 15 03.70 0.6
 0.9s 7.20nm 4.7mb

LPO 55.74 338 eP 15 04.30 0.4
 0.9s 10.15nm 4.9mb
 VRAC 56.11 352 eP 15 05.70 -0.6
 3.3s 293.30nm 5.7mb X

GEC2 56.12 350 P 15 07.40
 0.8s 3.43nm 4.4mb
 LFF 56.13 338 eP 15 07.10 0.5
 0.9s 20.00nm 5.1mb

RJF 56.15 339 eP 15 07.20 0.4
 0.9s 6.20nm 4.6mb
 SMF 56.53 341 eP 15 09.50 -0.1
 0.9s 5.90nm 4.6mb

MAF 56.58 340 eP 15 10.70 0.8
 1.0s 10.40nm 4.8mb
 BSF 56.73 344 eP 15 10.70 -0.4
 1.1s 10.75nm 4.8mb

TCF 56.76 340 eP 15 11.80 0.6
 1.0s 9.60nm 4.8mb
 AVF 56.82 341 eP 15 11.70 0.1
 1.0s 10.00nm 4.8mb

SSF 57.01 341 eP 15 12.60 -0.4
 1.0s 9.00nm 4.8mb
 LOR 57.08 342 eP 15 13.10 -0.4
 0.7s 5.50nm 4.7mb

CDF 57.13 345 eP 15 13.30 -0.6
 1.0s 6.80nm 4.6mb
 GRF 57.40 348 ePc 15 15.70 0.0
 1.3s 22.00nm 5.0mb

BRG 58.03 350 e(P) 15 18.40 -1.6
 CLL 58.61 350 e(P) 15 20.00 -4.1X
 OBN 61.74 6 eP 15 45.50 0.0

KSH 64.31 41 eP 16 03.00 0.1
 NVL 65.07 185 eP 16 09.00 1.8
 GKN 65.39 55 P 16 00.00 -10.2X
 NUR 66.64 359 eP 16 16.30 -1.0

KAF 68.23 360 iP 16 27.20 -0.1
 0.5s 3.30nm 4.8mb
 NB2 68.25 352 P 16 27.40 -0.2
 1.2s 11.30nm 4.9mb

CHG 75.33 69 eP 17 12.40 1.8
 GTA 81.06 49 eP 17 43.50 1.7
 1.0s 14.00nm 4.9mb

LZH 83.34 53 eP 17 53.00 -0.7
 2.0s 17.00nm 4.9mb
 BTO 88.96 49 eP 18 22.00 0.8
 ZOBO 92.93 253 P 18 42.80 2.1

S.D. = 1.0 on 38 of 44 obs.

& OCT 21, 1992 15h 53m 04.87s
 59.303 N 153.137 W
 DEPTH = 85.7km
 SOUTHERN ALASKA (2)
 <AEIC>.

AUE 0.13 295 ePd 53 16.67 1.0
 AUI 0.15 282 ePd 53 16.65 0.9
 eS 53 25.55

AUP 0.16 292 ePd 53 16.99 1.1
 AUH 0.17 291 eP 53 17.06 1.1
 AUL 0.17 298 iPd 53 16.91 1.0

AUW 0.18 292 iPd 53 16.99 1.1
 OPT 0.35 352 iPd 53 17.71 -0.6
 eS 53 26.78

CDD 0.46 215 iPd 53 18.29 -0.8
 eS 53 28.31
 MCNL 0.63 260 iPc 53 19.75 -0.8
 eS 53 30.97

PDB 0.73 313 iPd 53 20.70 -0.8
 eS 53 32.91
 XLV 0.74 78 eP 53 21.01 -0.6
 INE 0.76 3 ePd 53 21.03 -1.0

INW 0.77 0 ePd 53 21.08 -1.0
 eS 53 33.56
 SYI 0.80 151 iPc 53 21.26 -0.9
 eS 53 34.11

HOM 0.84 64 ePd 53 22.25 -0.4
 eS 53 35.81
 CNPM 1.00 76 ePc 53 23.53 -1.0
 eS 53 38.17

RED 1.13 9 ePd 53 25.26 -1.0
 eS 53 41.19
 RS1 1.18 9 ePd 53 26.10 -0.8
 RSO 1.18 9 iPd 53 26.09 -0.8
 RS2 1.18 9 iPd 53 26.11 -0.8
 RDW 1.20 8 iPd 53 26.26 -0.9

REF 1.21 10 iPd 53 26.38 -0.9
 eS 53 43.01
 RDN 1.23 9 ePd 53 26.70 -0.8
 BRK 1.24 67 eP 53 26.99 -0.5
 eS 53 42.85

NCT 1.27 5 iPd 53 26.97 -1.0
 DFR 1.31 10 ePd 53 27.58 -0.9
 RDT 1.33 16 iPd 53 27.55 -1.1
 eS 53 44.90

KDC 1.60 167 ePd 53 30.25 -1.8
 eS 53 48.66
 NKA 1.73 33 eP 53 34.76 0.9
 BKG 1.83 13 ePd 53 34.54 -0.7

SLKM 1.90 49 ePc 53 34.71 -1.5
 CKL 1.94 12 iPd 53 35.98 -0.8
 CKT 1.96 13 iPd 53 36.14 -0.9
 SPU 1.96 16 ePd 53 35.74 -1.3
 eS 54 01.50

BGL 2.00 10 ePd 53 36.92 -0.7
 CRP 2.03 14 eP 53 36.72 -1.3
 SEW 2.03 65 eP 53 36.67 -1.2
 CGLM 2.09 15 ePd 53 37.94 -0.8

NCG 2.16 13 iPd 53 39.01 -0.8
 SVW 2.20 327 iPc 53 38.80 -1.4
 MPA 2.24 56 iPd 53 39.28 -1.5
 SUA 2.47 28 eP 53 43.18 -0.8

PTE 2.59 51 ePd 53 43.57 -1.9
 PMS 2.64 41 P 53 44.90 -1.3
 SKT 2.80 16 eP 53 46.95 -1.5
 PWA 2.85 33 P 53 48.00 -1.1

KNIM 2.92 67 ePd 53 47.38 -2.7
 PMR 3.04 39 eP 53 49.37 -2.2
 KNK 3.14 46 eP 53 50.73 -2.4
 GHO 3.24 38 eP 53 52.86 -1.6

GLI 3.41 60 eP 53 53.39 -3.5
 KLU 4.20 55 ePd 54 04.84 -3.1
 FBA 6.15 22 eP 54 31.17 -3.7

53 obs. associated

? OCT 21, 1992 19h 15m 18.23 ± 1.07s
 46.408 N ± 17.8km 0.526 E ± 9.7km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.0 (LDG).

MFF 0.50 293 Pg 15 28.40 0.0
 Sg 15 35.40
 LSF 0.71 102 Pg 15 31.20 -1.1
 Sg 15 39.90

TCF 1.17 95 Pn 15 41.10 1.0
 Sg 15 55.20
 RJF 1.30 148 Pg 15 42.50 0.2
 Sg 15 57.70

S.D. = 1.5 on 4 of 4 obs.

OCT 21, 1992 20h 12m 55.85 ± 0.66s
 15.945 N ± 3.6km 61.028 W ± 8.6km
 DEPTH = 85.6 ± 6.8 km
 LEEWARD ISLANDS (92)
 MD 4.0 (TRN). Felt (III) on
 Marie Galante.

MGG 0.28 265 iPc 13 08.77 0.0
 S 13 16.40
 SFG 0.35 332 iPc 13 09.56 0.4
 DEG 0.37 355 iPc 13 09.33 -0.1

DOG 0.57 279 ePc 13 10.97 0.0
 PAG 0.63 278 iPc 13 11.45 -0.1
 S 13 22.18

SEG 0.65 315 eP 13 11.83 0.2
 BTG 0.67 274 eP 13 11.29 -0.5
 MDN 0.72 210 eP 13 12.62 0.3
 eS 13 23.59

DPMT 0.76 207 eP 13 13.09 0.3
 eS 13 25.19
 DTMT 0.77 204 eP 13 12.62 -0.4
 eS 13 23.59

DSVT 0.78 205 eP 13 12.99 0.0
 eS 13 24.54
 CRM 1.19 175 iPd 13 17.61 -0.2
 FDF 1.21 186 iPd 13 17.87 -0.2
 S 13 33.60

BPA 1.35 324 eP 13 19.77 -0.1
 S 13 36.30
 MGH 1.38 304 eP 13 20.51 0.3
 S 13 38.40

MVM 1.39 175 iPd 13 20.36 0.0

BIM 1.42 182 iPd 13 20.90 0.1
S 13 39.40
CPB 1.85 336 eP 13 25.98 -0.4
eS 13 47.84
NEV 1.90 309 eP 13 27.38 0.3
eS 13 49.70
SVV 2.62 184 eP 13 37.00 0.1
eS 14 06.67
SVB 2.67 185 eP 13 37.94 0.4
eS 14 08.20
FCV 2.78 184 eP 13 39.09 0.0
eS 14 10.22
GRW 3.81 189 eP 13 53.32 -0.2
eS 14 37.11

S.D. = 0.3 on 23 of 23 obs.

OCT 21, 1992 20h 26m 52.87 ± 0.21s

7.411 N ± 3.7km 126.637 E ± 6.2km

DEPTH = 36.7km (4 depth phases)

5.0mb (37 obs.) 4.4Msz (6 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

MNI 6.19 197 eP 28 29.40 5.0X
eS 29 35.50
JAY 17.15 125 ePd 30 54.00 2.4
GUMO 18.94 70 e(P) 31 31.00 17.4X
QIZ 19.99 307 P 31 26.00 0.7
MTN 20.61 167 iPd 31 32.10 0.3
0.3s 67.00nm 5.5mb
KNA 23.11 175 eP 31 57.40 0.8
0.5s 52.00nm 5.3mb
KGM 23.84 258 eP 32 07.50 3.7X
KAGJ 23.99 9 eP 32 05.70 0.6
SSE 24.11 348 eP 32 04.50 -1.7
Z 20s 0.60um 4.1Msz
KUMJ 25.30 8 eP 32 17.60 -0.1
IPM 25.62 265 eP 32 23.00 2.1
LOE 26.24 295 eP 32 28.00 1.4
GYA 26.83 317 P 32 34.00 2.0
Z 20s 0.81um 4.3Msz
NST 27.21 290 eP 32 41.00 5.6X
WRA 28.22 165 P 32 43.29 -1.3
WB2 28.22 165 iPc 32 43.00 -1.6
0.5s 9.40nm 4.7mb
ePcP 35 56.90
eS 37 20.30
BDT 28.67 293 eP 32 45.60 -3.1X
1.0s 26.20nm 4.9mb
MBL 29.17 193 eP 32 53.50 0.4
CHG 29.20 296 eP 32 54.50 1.0
TIA 29.96 344 eP 32 57.90 -2.1
QIS 30.58 156 iPd 33 04.30 -1.4
0.3s 14.00nm 5.2mb
i 33 07.50 11kmX
MAT 30.86 18 eP 33 06.00 -2.0
0.9s 17.65nm 4.8mb
XAN 31.14 331 P 33 08.60 -1.9
pP 33 21.80 52kmX
ASPA 31.69 167 iPc 33 14.00 -1.5
0.3s 23.60nm 5.5mb
iPcP 36 06.10
eS 38 15.20
CD2 31.70 321 eP 33 16.20 0.7
TIY 32.80 339 eP 33 28.00 2.9X
Z 28s 0.89um 4.3MszX
YAMJ 32.94 20 eP 33 26.10 0.0
WARB 33.39 180 eP 33 30.00 -0.2
BJI 33.81 345 eP 33 32.50 -1.2
OFUJ 34.31 21 eP 33 38.60 0.6
SNY 34.38 356 iPd 33 38.40 -0.2
1.0s 22.00nm 5.0mb
MEEK 34.73 193 eP 33 41.00 -0.8
LZH 35.34 327 Pd 33 49.20 2.1
1.0s 25.00nm 5.1mb
Z 26s 0.60um 4.2MszX
pP 33 59.00 33km
sP 34 03.00
HHC 35.91 340 eP 33 51.40 -0.4
CN2 36.26 359 eP 33 53.80 -0.7
MDJ 37.15 3 Pd 34 02.70 0.7
1.0s 28.00nm 5.1mb
HOOJ 37.81 20 eP 34 09.70 2.2
MRWA 37.83 195 eP 34 08.00 0.1
0.4s 8.00nm 4.9mb
COOL 38.44 188 eP 34 12.50 -0.5
KUSJ 38.94 21 eP 34 18.40 1.4

BAL 38.98 194 eP 34 17.00 -0.5
ASAJ 39.15 18 eP 34 20.30 1.5
KLB 39.70 192 eP 34 23.50 0.0
0.3s 9.00nm 5.0mb
GTA 39.94 327 eP 34 25.50 -0.1
0.8s 9.00nm 4.6mb
Z 20s 0.87um 4.6Msz
LSA 40.02 308 iPd 34 28.40 1.6
1.2s 13.00nm 4.6mb
MUN 40.41 194 eP 34 29.70 0.4
STKA 41.60 161 iPc 34 38.50 -0.5
YSS 41.80 17 eP 34 40.00 -0.5
RKG 42.73 192 eP 34 50.00 1.7
BRS 42.86 145 iPc 34 49.00 -0.5
GUN 43.57 303 PKP 34 56.00 0.3
PKI 43.85 302 PKP 34 56.12 -1.9
KKN 44.03 303 PKP 34 56.68 -2.6X
DMN 44.12 302 PKP 34 57.78 -2.3
GKN 44.64 303 PKP 34 57.70 -6.5X
BWA 46.43 155 iPd 35 19.40 1.3
ZAK 47.05 340 eP 35 23.80 1.1
0.5s 4.00nm 4.7mb
e 36 54.00 467kmX
CAN 47.45 155 eP 35 25.20 -0.9
TOO 48.09 160 eP 35 31.60 0.5
0.8s 18.00nm 5.2mb
GBA 48.70 282 P 35 37.00 1.0
WMQ 49.70 323 P 35 43.50 0.0
1.0s 7.00nm 4.6mb
Z 24s 0.57um 4.5MszX
pP 35 55.00 -41km
sP 35 58.50
BOD 51.24 351 eP 35 54.00 -0.8
0.7s 10.00nm 4.9mb
YAK 54.54 2 eP 36 08.70 -10.6X
0.9s 51.00nm
KSH 55.40 313 P 36 27.20 1.1
MGD 55.65 14 ePc 36 27.00 -0.4
0.7s 90.00nm 5.9mb
e 36 38.00 37km
ELT 56.19 332 eP 36 30.30 -1.1
0.8s 14.00nm 5.0mb
TIK 64.17 1 iP 37 23.00 -2.6X
1.0s 25.00nm 5.3mb
i 37 34.00 36km
BRVK 64.29 326 iPc 37 27.00 0.2
0.9s 11.00nm 4.9mb
Z 20s 0.14um 4.2Msz
N 20s 0.08um
E 20s 0.09um

MAIO 67.25 306 eP 37 46.00 -0.2
SVE 70.80 328 ePd 38 05.00 -2.5X
HON 73.74 70 P 38 30.00 4.4X
Z 20s 0.47um 4.8Msz
CSY 74.45 187 P 38 33.29 4.5X
CSY 74.45 187 eP 38 29.10 0.3
0.7s 16.30nm 5.1mb
TTA 77.68 27 iPc 38 47.82 0.5
0.6s 3.86nm 4.6mb
GRS 77.85 309 iPc 38 48.20 -0.6
1.3s 40.00nm 5.3mb
BRW 78.74 19 eP 38 54.00 1.2
KDC 78.90 33 iPc 38 54.00 0.2
0.6s 14.65nm 5.1mb
IMA 79.08 24 iPc 38 55.11 0.1
0.7s 8.25nm 4.8mb
e 39 12.51 63kmX
ERE 79.26 309 eP 38 57.00 0.6
PYA 80.28 313 eP 39 01.00 -0.7
PMS 80.56 29 eP 39 03.10 0.2
0.6s 26.50nm 5.4mb
PMR 80.78 29 eP 39 03.31 -0.6
0.7s 26.77nm 5.3mb
Z 19s 0.17um 4.4Msz
FBA 81.46 25 eP 39 07.26 -0.2
0.8s 10.78nm 4.9mb
OBN 84.00 325 eP 39 45.00 24.3X
BALM 84.07 29 iPc 39 21.94 0.8
KVT 85.63 311 iP 39 39.00 9.7X
MAW 87.15 200 P 39 40.29 4.3X
KAF 88.31 332 iP 39 40.50 -1.3
0.6s 4.40nm 4.9mb
MBC 88.40 13 eP 39 42.50 0.5
0.7s 4.00nm 4.8mb
NUR 89.46 331 iP 39 45.90 -1.3
HFS 94.74 332 ePKP 40 09.50 -2.1
0.4s 1.50nm 4.8mb

NB2 95.47 334 P 40 13.00 -2.0
0.7s 1.70nm 4.6mb
YKA 96.20 24 eP 40 18.10 -0.2
0.8s 5.60nm 5.1mb
RMW 98.81 40 (P) 40 30.88 0.4
GEC2 99.16 322 P 40 31.30 -0.7
0.6s 1.82nm 4.7mb
NEW 101.40 38 ePdiff 40 42.50 0.5
0.8s 8.33nm 5.4mb
KIC 129.61 285 PKP 46 00.80 0.0
TIC 129.80 285 PKP 46 01.10 -0.1
LIC 129.92 284 PKP 46 01.40 0.0
ZOB0 163.08 123 PKP 46 55.20 1.2
i 47 46.00
SIV 168.62 139 ePKP 46 54.00 -3.7X
S.D. = 1.1 on 84 of 101 obs.

? OCT 21, 1992 21h 42m 40.10 ± 3.04s

15.227 S ± 31.7km 121.907 E ± 16.5km

DEPTH = 33.0km (normal)

NORTHWEST OF AUSTRALIA (588)

MBL 6.22 198 eP 44 13.70 1.6
0.2s 6.00nm 4.9mb X
eS 45 20.00
KNA 6.63 95 eP 44 18.50 0.6
eS 45 31.00
NANU 9.47 219 eP 44 57.00 -0.3
0.3s 2.00nm 4.8mb X
eS 46 36.00
MEEK 11.76 195 eP 45 28.00 -0.7
eS 47 33.00
WARB 11.77 159 eP 45 28.70 0.0
eS 47 35.00
WB2 12.76 113 eP 45 41.30 -0.7
0.2s 2.10nm 4.9mb X
eS 47 56.30
MRWA 14.96 200 eP 46 10.20 -0.6
eS 48 45.00
S.D. = 1.1 on 7 of 7 obs.

OCT 21, 1992 22h 12m 04.92 ± 1.22s

44.218 N ± 3.2km 129.093 W ± 11.1km

DEPTH = 10.0km (geophysicist)

3.8mb (3 obs.)

OFF COAST OF OREGON (30)

TKO 4.18 72 P 13 09.42 -0.7
KMOR 4.22 68 P 13 10.11 -0.7
S 13 59.57
DBO 4.38 102 P 13 10.97 -2.2
HSO 4.40 97 P 13 12.08 -1.2
NLO 4.41 63 P 13 13.65 0.2
FBO 4.68 87 P 13 17.65 0.3
BMW 4.71 59 eP 13 17.31 -0.5
SSOR 4.78 80 P 13 19.02 0.2
OSR 4.86 46 P 13 19.44 -0.5
PGO 4.88 73 P 13 20.63 0.5
RVW 4.89 64 P 13 19.92 -0.3
HBO 4.90 92 P 13 20.62 0.1
OOW 4.91 42 P 13 20.33 -0.1
GT2 4.95 77 P 13 21.03 -0.1
CPW 5.01 55 P 13 21.69 -0.2
LVP 5.08 66 P 13 23.38 0.4
SMW 5.08 50 P 13 22.35 -0.6
CZM 5.15 62 P 13 23.44 -0.4
FL2 5.16 65 P 13 24.03 -0.1
MTMW 5.19 67 P 13 24.61 0.0
ERK 5.20 64 P 13 24.45 -0.3
OSD 5.20 44 P 13 24.52 -0.3
SHW 5.23 65 eP 13 25.19 0.0
YEL 5.27 65 P 13 26.81 1.0
ESD 5.29 66 P 13 27.46 1.4
TDH 5.31 76 P 13 26.27 -0.1
SOSW 5.31 65 P 13 26.59 0.3
CDFW 5.33 67 P 13 26.86 0.3
KOSW 5.36 63 P 13 26.71 -0.2
LMW 5.38 61 P 13 27.31 0.1
TCO 5.39 89 P 13 28.59 1.0
VLL 5.42 74 P 13 28.07 0.3
HDW 5.43 49 P 13 27.81 -0.2
STW 5.44 42 P 13 27.77 -0.3
GMW 5.52 51 eP 13 28.26 -0.9
ASR 5.64 67 P 13 31.12 0.1
RVC 5.69 59 P 13 31.74 0.1
BLN 5.70 46 P 13 32.11 0.5
LON 5.71 61 eP 13 31.29 -0.6

REMR	5.72	60	P	13	32.09	-0.1
GLK	5.77	63	P	13	33.20	0.5
RCS	5.81	60	P	13	34.24	0.7
CRQR	5.84	80	P	13	32.97	-0.7
WPF	5.86	62	P	13	34.24	0.3
FMW	5.87	60	P	13	34.19	-0.1
PGC	5.90	39	P	13	34.00	-0.4

	0.5 s	6.00nm	4.6mb X
LBFM	6.03	116 eP	13 38.76 2.3
RMW	6.03	55 eP	13 36.20 -0.2
VGB	6.05	75 eP	13 35.01 -1.6
VIPM	6.08	84 P	13 36.83 -0.4
MCW	6.21	42 eP	13 38.32 -0.6
JCW	6.36	49 P	13 41.05 0.0
CMW	6.40	46 P	13 42.00 0.3
TBM	6.64	61 P	13 45.18 0.2
MBW	6.74	45 P	13 46.91 0.4
ETW	6.99	58 P	13 49.93 0.0
ORV	7.33	127 eP	13 53.62 -1.0
DPW	8.41	60 eP	14 07.98 -1.8
ARN	8.94	138 eP	14 15.07 -1.9
CMB	9.01	130 eP	14 17.18 -0.9
MEMM	10.09	127 (P)	14 34.47 1.7
BQNR	10.27	124 eP	14 35.20 -0.4
ISA	11.80	133 eP	14 54.97 -1.3
LRM	11.89	76 eP	14 58.40 0.7
GSC	12.97	129 eP	15 11.68 -0.4
ARUT	13.44	113 eP	15 19.07 0.7
SES	13.70	57 eP	15 32.00 10.4X
DAU	13.73	100 (P)	15 22.79 0.5
MSU	13.92	108 eP	15 25.73 1.1
EMUT	14.28	102 (P)	15 31.68 2.3
PLM	14.43	135 eP	15 30.10 -1.2
SRU	14.78	104 (P)	15 37.28 1.4
TUC	18.61	124 eP	16 25.37 1.1
	1.0 s	6.08nm	3.7mb
ALO	19.70	110 eP	16 37.87 0.4
	0.9 s	5.29nm	3.8mb
YKA	20.16	20 eP	16 43.60 1.8
	1.0 s	5.20nm	3.8mb

S.D. = 0.9 on 74 of 75 obs.

OCT 21, 1992 22h 41m 33.70± 0.46s
43.106 N ± 7.5km 0.721 W ± 3.4km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 1.0 (STR).

ATE	0.03	142	Pg	41	35.74	0.0
			Sg	41	37.16	
MADF	0.08	299	Pg	41	36.32	0.1
			Sg	41	38.21	
ISSF	0.09	215	Pg	41	36.50	0.0
			Sg	41	38.71	
ESCF	0.11	104	Pg	41	36.75	0.2
			Sg	41	39.12	
OGE	0.19	71	Pg	41	38.08	0.1
ELYF	0.21	288	Pg	41	38.23	0.0
			Sg	41	41.74	
BQH	0.21	269	Pg	41	38.32	-0.1
			Sg	41	41.68	
JAU	0.27	105	Pg	41	39.47	0.1
EPF	0.78	95	Pg	41	48.60	-0.4
			Sg	42	00.20	
S.D. = 0.2			on	9	of	9 obs.

% OCT 21, 1992 23h 15m 22.42± 1.34s
 36.894 N ±10.7 km 3.936 W ± 6.5 km
 DEPTH = 72.4 ± 17.1 km
 STRAIT OF GIBRALTAR (385)

EGUA	0.30	101	iPgc	15	33.54	-0.5
			eSg	15	41.00	
MAL	0.42	247	iPnc	15	34.80	0.0
ECOG	0.48	38	iPg	15	35.31	-0.3
			eSg	15	43.50	
ELUQ	0.72	338	iPgc	15	38.72	0.8
			eSg	15	48.10	
EBAN	1.27	5	iPnc	15	45.25	0.4
			eSn	15	59.40	
EJIF	1.31	251	ePn	15	46.68	1.4
			eSn	16	01.80	
ENIJ	1.39	86	ePn	15	45.88	-0.5
			eSn	16	03.50	
EHOR	1.40	312	ePn	15	45.58	-0.9
			eSn	16	02.60	
EHUE	1.41	49	ePn	15	47.50	0.7

			eSn	16	04.50	
EVI A	2.08	33	ePn	15	55.95	0.1
			eSn	16	19.20	
EVAL	2.35	288	ePn	15	58.38	-1.1
			eSn	16	24.40	

OCT 21, 1992 23h 15m 37.75 ± 0.83s
38.985 N ± 7.7km 20.873 E ± 7.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.9 (ATH). ML 2.4 (THE).

IGT	0.69	323	ePg	15	50.24	-1.2
			eSg	16	00.80	
VLS	0.84	195	ePb	15	53.90	0.0
KEK	1.11	311	ePb	15	59.50	1.0
AGG	1.14	88	ePg _c	15	58.60	-0.4
			eSg	16	14.64	
KZN	1.49	27	ePb	16	03.60	-1.0
LIT	1.67	48	ePb	16	08.08	0.8
			eSb	16	28.80	
KNT	2.67	35	ePn	16	22.40	0.8
S.D.	= 1.1	on	7 of	7 obs.		

OCT 22, 1992 00h 03m 54.02± 0.56s
40.912 N ± 4.6km 22.856 E ± 5.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 1.7 (THE). 1.5 (SKO).

KNT	0.25	7	iPg	03 59.60	0.2
			eSg	04 03.16	
THE	0.29	163	ePg	04 00.08	0.0
			eSg	04 04.40	
GRG	0.35	278	ePg	04 01.12	-0.1
			eSg	04 05.96	
SOH	0.39	103	iPg	04 02.24	0.2
VAY	0.46	332	iPg	04 03.40	0.0
			iSg	04 10.20	
SRS	0.59	70	ePg	04 05.64	-0.4
LIT	0.86	199	ePg	04 10.60	0.1
			eSg	04 22.60	

S.D. = 0.3 on 7 of 7 obs.

* OCT 22, 1992 00h 30m 12.78 ± 1.35s
26.317 S ± 10.6km 177.280 W ± 18.5km
DEPTH = 172.3 ± 11.4 km
3.9mb (2 obs.)

SOUTH OF FIJI ISLANDS						(171)
RAQ	2.98	191	eP	31	01.20	-0.1
			eS	31	37.00	
SVA	9.06	333	iP	32	21.30	0.2
VUN	9.16	334	iPc	32	21.50	-0.9
DZM	15.44	282	iPc	33	44.50	1.6
WB2	44.73	268	eP	38	09.30	-1.4
	0.4s		5.30nm			4.4mb
WRA	44.74	268	P	38	10.10	-0.6
	0.6s		0.70nm			3.4mb
CHG	92.82	289	eP	43	09.70	2.6X
NB2	144.81	353	PKP	49	30.40	0.4
	0.7s		5.10nm			
UPP	144.92	347	iPKP	49	30.30	0.2
HFS	145.36	350	ePKP	49	31.40	0.5
	0.4s		3.80nm			
S. D. = 1.1						9 of 10 obs.

? OCT 22, 1992 00h 37m 11.56±3.70s
51.693 N ±25.6km 7.696 E ±17.5km
DEPTH = 0.0km (geophysicist)
GERMANY (543)
ML 2.8 (LDG), 2.5 (BNS).
Possible rockburst.

BNS	0.80	204	iPd	37	27.56	0.0
	0.4s	161	.00nm			
			iS	37	38.50	
ENN	1.45	231	iPn	37	39.20	0.2
	0.4s	19	.00nm			
			iPg	37	40.90	
			iSn	37	58.80	
MEM	1.52	225	iPc	37	39.70	-0.3
			ic	37	40.45	
			iS	37	59.14	
ABH	1.82	183	ePn	37	44.95	0.6
RUP	2.03	192	ePn	37	48.85	1.3

WLF	2.26	206	P	37	54.00	3.3X
SNF	2.45	243	iP	37	53.60	0.1
DOU	2.53	232	iP	38	00.80	6.2X
			iS	38	25.20	
MOX	2.68	111	ePg	38	06.00	9.2X
			eSg	38	39.60	
CDF	3.30	185	Pn	38	04.70	-0.9
			Pg	38	16.40	
			Sg	38	57.00	
HAU	3.79	194	Pn	38	11.60	-1.0
			Sg	39	12.70	
LOR	5.09	211	Pn	38	28.20	-2.7X
			Sn	39	24.70	
			Sg	39	51.60	
LBF	5.30	209	Pn	38	31.00	-3.0X
SSF	5.38	212	Pn	38	32.50	-2.6X
			Sg	40	00.70	
SMF	5.65	208	Pn	38	35.70	-3.2X
AVF	5.67	212	Pn	38	36.40	-2.7X
LDF	5.91	241	Pn	38	40.20	-2.2X
			Sn	39	42.20	
FLN	6.01	244	Pn	38	41.80	-2.1X
			Sn	39	45.20	
BGF	6.04	214	Pn	38	41.60	-2.8X
			Sg	40	22.80	
GRR	6.43	242	Pn	38	47.20	-2.6X
			Sn	39	55.90	
LPF	6.73	240	Pn	38	49.90	-4.2X
MFF	7.24	228	Pn	38	57.40	-3.7X
RJF	7.59	215	Pn	39	03.50	-2.7X
LFF	8.19	217	Pn	39	10.90	-3.6X
S. D. = 0.9 on				8 of 24 obs.		

& OCT 22, 1992 01h 09m 07.00s
36.703 N 121.373 W
DEPTH = 3.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.5 (BRK).

SAO	0.08	317	iPd	09	08.73	-0.1
LLA	0.36	104	iPd	09	14.14	0.0
PRS	0.37	180	iPd	09	14.26	-0.2
GCC	0.60	303	iPc	09	18.35	-0.6
			eS	09	29.84	
ARN	0.66	349	eP	09	19.71	-0.4
PRI	0.80	134	eP	09	22.97	0.0
			eS	09	39.73	
			e	09	59.90	
PCC	1.13	315	iPd	09	27.21	-1.6
			eS	09	44.03	
FRI	1.37	77	eP	09	31.31	-1.6
BCH	1.84	145	(P)	09	36.99	-2.9
MEMM	2.17	63	(P)	09	43.99	-0.5
			eS	10	12.63	

10 obs. associated

OCT 22, 1992 01h 53m 30.27 \pm 0.46s
18.129 S \pm 4.7km 178.522 W \pm 5.9km
DEPTH = 581.6 \pm 5.9 km
4.9mb (34 obs.)

FIJI ISLANDS REGION				(181)	
MBU	2.87	293	iPc	54 48.10	0.4
			eS	54 51.30	
VUN	2.87	272	iPd	54 47.50	-0.1
SVA	2.87	270	iPd	54 48.00	0.4
AFI	7.72	58	eP	55 28.00	1.0
DZM	14.66	252	iPd	56 35.70	0.3
			iS	59 13.90	
WCZ	18.83	198	eP	57 18.90	3.6X
KUZ	19.23	194	eP	57 21.10	2.2
HBZ	19.60	188	eP	57 22.80	0.5
URZ	20.42	190	eP	57 28.50	-1.3
NOZ	20.63	188	eP	57 31.40	-0.4
	0.3s	70.00nm			5.8mb
MNG	23.30	192	eP	57 49.20	-4.1X
QRZ	23.90	197	eP	58 01.70	0.4
THZ	24.67	195	eP	58 07.60	-0.6
DSZ	24.95	197	eP	58 10.80	0.2
KHZ	25.14	194	eP	58 11.10	-1.0
L TZ	25.79	196	P	58 16.80	-1.2
	0.4s	41.00nm			5.4mb
MOZ	26.57	194	eP	58 23.40	-1.3
LMZ	27.51	199	eP	58 32.10	-0.8
BRS	27.97	246	iPc	58 38.00	0.8
	0.9s	15.00nm			4.6mb
BWZ	28.06	198	eP	58 36.40	-1.3

ODZ	28.32	196	eP	58	39.30	-0.7	PMR	82.84	14	eP	04	53.18	-1.7	CALIFORNIA-NEVADA BORDER REGION (40)						
LRCZ	28.71	198	eP	58	42.20	-1.3		0.5s	9.52nm				4.6mb	ML 4.1 (GS), 3.8 (BRK). Felt (V)						
MMCZ	28.71	198	P	58	42.80	-0.7	KLU	83.51	15	eP	04	56.79	-1.6	at Smith and Yerington, Nevada.						
MHZ	28.72	198	P	58	42.80	-0.8	MSU	83.83	46	eP	05	01.87	1.2	KVN	1.00	80	ePn	25	59.59	0.2
SBCZ	28.74	198	P	58	43.00	-0.7	BJI	83.87	315	eP	05	00.50	0.1	CMB	1.17	223	iPc	26	00.92	-1.2
LSCZ	28.75	198	P	58	43.10	-0.6		1.5s	57.00nm				5.0mb			iS	26	15.53		
CMCZ	28.80	198	P	58	43.60	-0.6	GYA	85.05	300	iPd	05	08.80	2.1	BONR	1.25	138	eP	26	03.89	0.1
TUZ	29.44	197	eP	58	50.00	0.5		1.0s	15.00nm				4.6mb	MEMM	1.27	164	iPd	26	03.69	-0.1
ARMA	29.74	240	iPd	58	53.70	1.2	TIY	85.33	312	Pd	05	08.40	0.7	ORV	1.78	293	iPd	26	11.69	0.2
	0.7s	97.00nm				5.5mb	NEW	85.75	36	eP	05	09.30	-0.2			eS	26	35.41		
BCZ	30.01	199	eP	58	55.40	1.0		0.8s	7.50nm				4.4mb	TNP	1.87	115	ePn	26	12.53	-0.4
SIZ	30.71	198	eP	59	01.20	1.0	FBA	86.05	13	eP	05	08.66	-1.8			ePg	26	14.28		
RMQ	31.33	249	iPd	59	06.60	0.8		0.6s	7.20nm				4.6mb	FRI	1.91	188	iP	26	13.63	0.3
	0.3s	44.00nm				5.6mb	XAN	86.31	307	Pc	05	13.50	1.0			eS	26	38.94		
		i		59	20.80			1.0s	28.00nm				4.9mb	MIN	2.26	311	eP	26	19.26	0.7
CTA	33.30	261	iPc	59	22.30	-0.2	LRM	87.21	40	eP	05	17.00	0.2			eS	26	53.43		
	1.0s	35.00nm				4.9mb	BW06	87.59	43	eP	05	18.60	0.0	ARN	2.30	229	ePn	26	18.89	-0.1
CAN	33.48	233	iPd	59	25.10	1.2		0.8s	5.36nm				4.4mb	BKS	2.47	247	eP	26	21.80	0.4
BWA	33.60	235	iPd	59	23.80	-1.1	CHG	88.97	290	eP	05	26.50	1.4	LLA	2.59	209	iPc	26	22.87	-0.2
CMS	34.82	241	iPd	59	36.00	1.0	SES	90.26	36	ePc	05	30.00	-0.4			eS	26	58.08		
	0.7s	97.00nm				5.5mb	LZH	90.94	308	eP	05	35.00	1.0	NTYM	2.63	260	ePn	26	23.36	-0.2
QLP	35.36	249	iPd	59	39.90	0.5		1.4s	26.00nm				5.1mb	SAO	2.68	218	iP	26	24.32	-0.1
	0.4s	169.00nm				6.0mb X	SIV	109.69	115	Pdiffc07	02	40	3.9X	PCC	2.75	241	iPc	26	28.23	2.9X
TOO	36.95	231	iPd	59	54.10	1.7	DMU	143.71	8	ePKP	11	58.80	-2.0	GCC	2.78	229	eP	26	28.90	3.0X
	0.8s	259.00nm				5.9mb X	DCN	144.20	9	ePKP	12	00.50	-1.1	WDC	2.97	306	ePn	26	27.85	-0.7
STKA	38.43	241	iPd	00	06.10	1.6	DLF	144.35	8	ePKP	12	01.00	-0.8	PRS	3.01	213	iPc	26	28.51	-0.5
		eS		05	20.00		OJC	144.78	340	ePKP	12	02.60	-0.1	LBFM	3.12	323	ePn	26	31.08	0.2
ADE	41.43	237	iPd	00	29.40	0.8	KSP	145.29	343	iPKPc	12	04.80	1.2	TPNV	3.14	127	ePn	26	30.41	-0.6
DHH	44.10	28	eP	00	48.08	-1.5		0.9s	27.00nm							eS	27	20.65		
HKL	44.34	30	eP	00	50.57	-1.3	CLL	145.65	347	iPKPc	12	15.40	11.3X	PHAM	3.16	195	(Pn)	26	32.24	1.1
WB2	44.47	260	iPc	00	51.80	-0.7		1.1s	33.00nm					ISA	3.30	167	ePn	26	33.28	0.0
	0.3s	85.40nm				5.8mb	BRG	145.85	346	iPKPc	12	06.20	1.8			iPg	26	39.35		
		eS		06	44.00			1.1s	24.00nm							eS	27	21.27		
WRA	44.48	260	P	00	52.00	-0.6	WTS	145.95	354	ePKP	12	06.50	2.0	BCH	3.74	189	ePn	26	41.32	1.7X
	0.7s	0.90nm				3.4mb X		1.0s	24.00nm					ABL	4.03	178	ePn	26	44.39	0.6
ASPA	44.63	254	iPd	00	53.80	0.1	PRU	146.53	345	PKPc	12	08.30	2.7X	GSC	4.13	149	ePn	26	44.37	-0.6
	0.8s	510.30nm				6.1mb X			e		12	10.50				ePg	26	55.84		
		iS		06	47.20		MOX	146.56	348	ePKP	12	08.10	2.5X	ARUT	4.79	101	(P)	26	57.30	2.8X
		eScS		09	49.00			1.8s	35.00nm					DUG	5.23	74	ePn	27	00.36	-0.4
GUA	47.86	309	eP	01	17.80	-0.6	PSZ	146.70	337	e(PKP)	12	08.70	2.7X	PEC	5.30	160	(P)	27	02.59	1.0
	0.8s	256.72nm				5.8mb	ENN	147.24	355	ePKP	12	12.50	5.8X	MSU	5.64	92	ePn	27	06.43	-0.2
GUMO	47.93	309	eP	01	18.10	-0.8		0.7s	9.00nm					HHA1	6.87	48	ePn	27	23.62	-0.2
	1.3s	358.70nm				5.7mb	SRO	147.35	339	iPKP	12	10.70	3.8X	GLA	6.89	146	(P)	27	24.04	0.0
MTN	48.69	269	eP	01	23.30	-1.3	GRF	147.55	348	iPKPc	12	11.30	4.0X			ePg	27	48.54		
KNA	50.34	264	iPd	01	35.90	-0.9			e		12	14.80		SRU	6.89	85	ePn	27	24.90	0.7
	0.4s	42.00nm				5.3mb	KHC	147.56	345	PKPc	12	11.40	4.1X	MCMT	7.67	37	ePc	27	39.40	4.3X
WARB	51.11	251	iPd	01	41.90	-0.4		1.0s	9.30nm					LRM	8.61	34	eP	27	51.00	2.7X
COOL	55.76	245	iPd	02	14.00	-1.2			i		12	15.50		S.D. = 0.6 on 27 of 33 obs.						
	0.4s	22.00nm				4.8mb	GEC2	147.80	345	PKP	12	11.50	3.7X	? OCT 22, 1992 02h 45m 56.39 ± 4.03s						
MBL	57.82	256	iPd	02	28.70	-0.6		0.9s	6.90nm					15.645 N ± 12.0km 60.356 W ± 40.2km						
	0.3s	28.00nm				5.0mb	FLN	149.40	3	ePKP	12	15.10	5.0X	DEPTH = 25.9 ± 8.1 km						
KLB	58.63	244	iPd	02	33.70	-1.0		0.5s	4.45nm					LEEWARD ISLANDS (92)						
	0.4s	32.00nm				4.9mb	CDF	149.43	352	ePKP	12	15.70	5.4X	ML 2.7 (FDF).						
RKG	59.14	240	eP	02	38.00	0.0	LDF	149.59	2	ePKP	12	15.50	5.1X	DEG	0.95	315	eP	46	14.00	0.0
BAL	59.59	245	iPd	02	40.30	-0.7		0.5s	3.80nm							S	46	23.00		
	0.3s	13.00nm				4.7mb		0.4s	4.30nm					MGG	0.96	287	eP	46	14.30	0.1
MUN	59.93	243	iPc	02	43.30	0.1	GRR	149.76	3	ePKP	12	16.10	5.5X	CRM	1.04	211	eP	46	15.00	-0.2
	0.8s	22.00nm				4.5mb		0.4s	4.00nm					DFD	1.19	220	iPd	46	17.43	0.0
MRWA	60.32	246	eP	02	45.30	-0.6	WTTA	149.77	346	iPKPc	12	16.30	5.3X			S	46	31.60		
	0.4s	6.00nm				4.2mb		0.6s	10.50nm					MVM	1.20	206	eP	46	17.71	0.1
NANU	61.56	254	iPd	02	54.10	0.1	HAU	149.94	353	ePKP	12	16.70	5.7X			S	46	32.30		
	0.3s	40.00nm				5.3mb		0.4s	2.75nm					BIM	1.32	212	eP	46	19.30	0.1
CSY	65.90	205	eP	03	21.70	1.0	BSF	150.06	353	ePKP	12	16.90	5.6X	PAG	1.33	287	eP	46	19.30	-0.1
	0.5s	16.70nm				4.8mb		0.7s	3.30nm					S.D. = 0.2 on 7 of 7 obs.						
MAT	68.02	323	iPc	03	32.50	-1.6	LPF	150.10	3	ePKP	12	17.00	5.9X	? OCT 22, 1992 03h 45m 36.91 ± 2.70s						
	0.8s	18.66nm				4.7mb	LOR	150.87	357	ePKP	12	19.00	6.6X	7.453 N ± 15.5km 76.214 W ± 23.5km						
SPA	71.98	180	i																	

22d 03h

GEC2 84.39 42 P 58 03.00 0.6
0.9s 1.39nm 4.0mb
ASPA 146.92 237 iPKPc 05 11.20 0.1
1.4s 14.60nm
WB2 147.88 244 ePKP 05 14.20 1.5
0.6s 6.50nm
WRA 147.89 244 PKP 05 13.90 1.1
0.9s 2.50nm
S.D. = 1.3 on 10 of 12 obs.

& OCT 22, 1992 04h 23m 53.16s
33.943 N 116.309 W
DEPTH = 5.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS), 3.0 (GS).
Felt (III) at Indio and Yucca
Valley. Also felt at La Quinto.

PEC 0.71 266 eP 24 06.24 -1.1
eS 24 14.95
PLM 0.75 218 iPd 24 07.16 -1.0
eS 24 16.58
SSK 1.18 283 eP 24 14.76 -1.0
eS 24 31.07
GSC 1.42 343 eP 24 18.29 -1.4
GLA 1.52 125 eP 24 18.82 -2.3
ISA 2.47 315 ePnc 24 32.88 -2.0
ePg 24 39.39
ABL 2.57 291 eP 24 35.13 -1.3
TPNV 3.00 1 eP 24 40.97 -1.4
BCH 3.35 293 eP 24 46.44 -1.0
TNP 4.20 350 ePn 25 00.27 0.9
MEMM 4.29 331 (Pn) 25 02.11 1.6
BONR 4.32 339 ePn 25 02.10 0.8
ARUT 4.49 30 eP 25 01.88 -1.7
MSU 5.65 35 eP 25 22.96 2.8
SRU 6.95 40 eP 25 44.69 6.4
15 obs. associated

? OCT 22, 1992 04h 45m 21.37±2.44s
17.268 N ±16.7km 100.622 W ±19.9km
DEPTH = 33.0km (normol)
GUERRERO, MEXICO (59)

ACX 0.83 118 iP 45 36.50 -0.2
iS 45 48.50
UNM 2.47 33 eP 46 03.50 3.1X
(S) 46 36.50
MRX 2.48 348 iP 46 00.50 0.2
iS 46 29.50
PPM 2.61 46 eP 46 01.50 -1.1
(S) 46 39.50
IIT 2.81 51 eP 46 05.00 -0.2
(S) 46 40.00
IISM 3.53 61 eP 46 16.50 1.3
CGX 3.62 312 (P) 46 48.50 31.8X
(S) 47 05.50
S.D. = 1.2 on 5 of 7 obs.

? OCT 22, 1992 05h 44m 13.59±0.89s
6.681 N ±32.3km 72.760 W ±31.8km
DEPTH = 194.5 ±22.3 km
4.0mb (1 obs.)
NORTHERN COLOMBIA (99)

BOG 2.42 213 eP 44 57.00 0.0
eS 45 27.00
SDV 3.04 44 iPnd 45 04.20 0.1
TOV 4.26 43 iPnd 45 19.10 0.0
CEOS 4.97 62 iP 45 28.30 0.1
MORO 6.05 46 iP 45 42.10 -0.2
YKA 63.52 340 eP 54 25.00 0.0
0.5s 1.30nm 4.0mb
WB2 150.57 241 ePKP 03 46.80 8.0X
0.3s 3.90nm
WRA 150.58 241 PKP 03 47.50 8.7X
0.4s 0.50nm
S.D. = 0.2 on 6 of 8 obs.

* OCT 22, 1992 07h 23m 34.69±0.93s
40.353 N ±8.2km 26.006 E ±9.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALN 0.54 3 eP 23 44.88 -0.8
eS 23 51.52
EZN 0.58 155 iPg 23 46.60 0.2

iSg 23 55.60
EDC 1.42 90 iPn 23 59.50 -1.0
BNT 1.46 89 iPn 24 01.00 -0.1
OUR 1.55 270 eP 24 02.32 0.0
KCT 1.80 93 iPn 24 01.40 -4.6X
DMK 1.98 41 ePn 24 10.30 1.8
S.D. = 1.3 on 6 of 7 obs.

& OCT 22, 1992 07h 40m 36.63s
59.915 N 141.358 W
DEPTH = 6.5km
SOUTHEASTERN ALASKA (19)
<AEIC>. ML 3.5 (AEIC), 3.7 (PGC).

WRG 0.36 290 eP 40 44.41 0.5
YAH 0.49 337 iPc 40 46.70 0.2
CYK 0.59 287 ePc 40 48.68 0.2
SNH 0.79 290 iPc 40 51.75 -0.6
eS 41 03.92
BCPM 0.87 87 eP 40 52.71 -0.9
S 41 05.21
WAX 0.92 306 iPc 40 53.35 -1.2
PNL 1.02 103 ePd 40 55.24 -1.1
S 41 09.93
CTGM 1.05 1 iPc 40 55.57 -1.4
eS 41 10.60
TGL 1.12 320 iPc 40 56.63 -1.3
eS 41 13.34
CROM 1.22 314 iPc 40 58.06 -1.8
eS 41 15.74
BALM 1.23 337 iPc 40 58.16 -1.7
eS 41 15.04
HQN 1.34 109 iPc 40 59.84 -1.9
eS 41 17.88
HMT 1.51 287 ePc 41 03.09 -1.2
RAGM 1.73 287 ePc 41 05.93 -1.4
GLB 1.95 323 ePc 41 09.06 -1.5
eS 41 35.25
SGAM 2.01 289 eP 41 10.14 -1.3
HYT 2.12 63 Pnc 41 12.30 -0.8
Sg 41 40.70
CVA 2.28 288 ePc 41 13.15 -2.1
FID 2.68 290 eP 41 19.76 -1.3
KLU 2.75 307 ePc 41 20.52 -1.5
VLZ 2.75 299 eP 41 20.26 -1.6
VZW 2.82 296 eP 41 21.68 -1.3
TZL 2.91 319 eP 41 24.95 0.6
TOA 3.21 315 P 41 29.20 0.6
SCM 3.50 306 eP 41 31.01 -1.6
KNK 3.80 296 eP 41 35.25 -1.7
SML 3.90 302 eP 41 36.47 -1.9
PTE 3.92 287 eP 41 35.76 -2.8
MPA 4.04 282 eP 41 37.20 -3.0
SEW 4.07 276 eP 41 37.56 -3.0
PMR 4.17 297 eP 41 40.49 -1.6
eS 42 40.89
DWY 4.25 12 Pn 41 42.00 -1.3
SLKM 4.46 281 eP 41 42.93 -3.4
IMA 8.33 323 (P) 42 38.07 -2.7
34 obs. associated

% OCT 22, 1992 07h 50m 26.32±1.26s
43.319 N ±16.8km 17.067 E ±16.2km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.6 (TTG).

BRY 1.16 111 ePg 50 47.60 -0.5
eSg 51 01.50
HCY 1.37 129 ePg 50 51.30 -0.1
eSg 51 08.50
NKY 1.50 109 ePg 50 54.00 0.6
eSg 51 13.00
BDV 1.66 128 ePg 50 55.20 -0.4
eSg 51 17.20
PLE 1.70 89 ePg 50 56.10 -0.2
eSg 51 17.20
TTG 1.84 118 ePn 50 58.70 0.5
eSn 51 21.50
VBY 2.54 330 iPn 51 08.20 0.0
iSn 51 40.60
S.D. = 0.5 on 7 of 7 obs.

& OCT 22, 1992 08h 12m 37.19s
60.690 N 151.808 W
DEPTH = 77.7km

3.1mb (1 obs.)
KENAI PENINSULA, ALASKA (14)
<AEIC>.

NKA 0.29 79 iPc 12 50.73 1.5
RDT 0.32 249 iPd 12 48.99 -0.6
iS 12 59.09
BKG 0.44 330 iPd 12 49.74 -0.8
eS 13 00.60
DFR 0.44 258 iPd 12 49.80 -0.7
REF 0.48 246 iPd 12 50.38 -0.6
RDN 0.50 250 iPd 12 50.31 -0.8
eS 13 00.84
SPU 0.51 346 eP 12 48.86 -2.2
RSO 0.52 244 iPd 12 50.73 -0.6
eS 13 01.60
RS2 0.52 244 iPd 12 50.75 -0.6
RS1 0.52 244 iPd 12 50.80 -0.5
RDW 0.54 248 iPd 12 50.82 -0.6
CKT 0.55 339 iPd 12 50.71 -0.7
RED 0.55 241 iPd 12 50.74 -0.7
eS 13 01.62
CKN 0.57 341 ePc 12 50.80 -0.8
NCT 0.57 257 iPd 12 50.81 -0.8
eS 13 01.77
CKL 0.57 333 iPd 12 51.00 -0.7
CRP 0.60 344 iPd 12 50.95 -1.1
CGLM 0.63 351 iPd 12 51.69 -0.5
BGL 0.64 334 iPd 12 51.74 -0.6
NCG 0.74 347 iPd 12 52.73 -0.7
eS 13 05.42
SLKM 0.80 102 iPc 12 53.30 -0.8
eS 13 06.24
INE 0.89 225 ePd 12 54.22 -1.0
eS 13 07.61
INW 0.91 227 ePd 12 54.44 -0.9
eS 13 07.67
SUA 0.93 33 iPc 12 55.26 -0.4
BRLK 1.04 153 eP 12 56.39 -0.5
eS 13 11.08
HOM 1.04 175 eP 12 56.61 -0.2
eS 13 12.98
CNPM 1.20 166 ePd 12 58.25 -0.7
eS 13 14.74
MPA 1.22 98 ePc 12 58.18 -1.0
eS 13 14.80
PMS 1.23 62 iPc 12 58.90 -0.4
OPT 1.26 215 ePc 12 59.26 -0.4
eS 13 15.54
SKT 1.30 6 iPd 12 59.40 -0.8
eS 13 16.82
SEW 1.31 116 eP 12 58.81 -1.5
PWA 1.34 43 eP 13 00.20 -0.5
PTE 1.38 81 ePc 13 00.11 -1.0
PDB 1.49 234 ePc 13 01.46 -1.3
iS 13 20.39
AUL 1.55 213 eP 13 02.71 -0.7
AUE 1.55 211 eP 13 02.37 -1.1
AUP 1.56 212 eP 13 03.31 -0.4
AUH 1.56 212 eP 13 02.82 -0.9
AUW 1.57 213 ePc 13 03.05 -0.6
PLRM 1.58 54 ePc 13 02.44 -1.5
PMR 1.58 54 iPc 13 02.08 -1.8
S 13 23.14
AUI 1.58 212 eP 13 03.25 -0.7
GHO 1.77 51 iPc 13 05.10 -1.4
eS 13 27.07
KNK 1.78 65 iPc 13 05.24 -1.4
eS 13 27.07
SVW 1.91 284 eP 13 05.36 -3.0
S 13 28.34
MCNL 1.97 221 ePc 13 07.99 -1.3
eS 13 31.86
CDD 1.99 209 iPd 13 08.52 -1.0
eS 13 34.40
SML 2.02 55 iPc 13 08.28 -1.6
KNIM 2.04 98 ePc 13 07.32 -2.9
SYI 2.11 188 eP 13 10.10 -0.9
GLI 2.32 83 iPc 13 10.61 -3.2
SCM 2.45 60 ePc 13 14.03 -1.8
HUR 2.52 23 eP 13 17.36 0.7
FID 2.62 86 eP 13 14.57 -3.6
VLZ 2.71 78 ePc 13 16.82 -2.5
eS 13 48.73
TRF 2.86 14 eP 13 19.91 -1.7
KLU 2.97 72 ePc 13 20.53 -2.5
KDC 2.97 187 eP 13 22.60 -0.4

22d 08h

TTA	3.01	320	ePc	13	21.16	-2.4
TOA	3.06	60	eP	13	23.40	-0.9
RND	3.06	26	eP	13	23.71	-0.6
TZL	3.36	63	eP	13	26.29	-2.1
SDG	3.51	56	eP	13	28.86	-1.7
PAX	3.78	50	eP	13	33.02	-1.3
GLB	3.96	76	eP	13	33.78	-3.0
NEA	4.10	17	eP	13	37.66	-1.1
WRH	4.17	23	ePd	13	37.99	-1.7
HDA	4.35	29	ePd	13	40.50	-1.8
CCB	4.38	23	eP	13	40.56	-2.1
WAX	4.43	89	eP	13	38.67	-4.7
FBA	4.61	22	eP	13	42.58	-3.3
BALM	4.64	82	eP	13	42.89	-3.5
GLM	4.76	23	eP	13	45.90	-2.2
YAH	4.98	89	eP	13	49.19	-2.1
CTGM	5.13	82	eP	13	50.90	-2.4
IMA	5.46	352	eP	13	55.09	-2.8
2.9s 52.80nm 4.3mb X						
YKA	17.63	68	eP	16	35.50	-3.3
0.5s 0.60nm 3.1mb						
78 obs. associated						

* OCT 22, 1992 08h 25m 38.64±1.53s
34.095 S ±14.0km 70.372 W ±10.9km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

IHA	1.50	315	iPc	26	03.50	0.0
iS 26 18.90						
RFA	1.71	114	ePc	26	06.80	0.1
i 26 17.20						
S 26 44.20						
MDZ	1.75	47	i(P)	26	08.20	0.9
RTCV	2.71	35	ePc	26	20.00	-0.9
(S) 26 47.50						
RTLL	3.19	31	ePc	26	28.20	0.5
S 27 02.50						
MRA	4.25	68	e(P)	26	38.00	-4.7X
TCA	5.59	62	eP	27	01.10	-0.7
(S) 27 25.00						

S.D. = 0.9 on 6 of 7 obs.

& OCT 22, 1992 08h 39m 29.18s
33.703 N 117.463 W
DEPTH = 10.3km
SOUTHERN CALIFORNIA (43)
<PAS>P>. ML 3.8 (PAS), 3.6 (GS).
Felt (IV) at Chino, Lake
Elsinore, Silverado and Sun
City.

VPD	0.27	294	iPc	39	34.77	-0.2
PEC	0.31	53	iPc	39	35.13	-0.6
FLAS	0.46	292	ePc	39	38.54	0.0
LNAS	0.50	280	eP	39	39.54	0.2
S 39 47.50						
SSK	0.54	339	iPd	39	39.34	-0.8
TCC	0.54	303	eP	39	39.40	-0.8
RCP2	0.56	278	ePc	39	40.59	0.0
S 39 50.43						
PEM	0.57	324	iPd	39	40.09	-0.7
PLM	0.61	125	eP	39	40.36	-1.3
LCL	0.62	282	eP	39	41.59	-0.1
S 39 51.84						
FMA	0.69	271	eP	39	42.34	-0.4
LOMS	0.69	278	eP	39	41.79	-0.9
S 39 52.68						
MWC	0.72	317	iPd	39	42.52	-0.9
PAS	0.74	307	eP	39	42.88	-0.7
S 39 54.56						
PVRC	0.76	274	eP	39	42.45	-1.5
PVPS	0.79	276	eP	39	43.13	-1.3
S 39 56.90						
GFP	0.82	301	eP	39	44.31	-0.7
S 39 57.00						
DHB	0.83	292	eP	39	45.49	0.3
S 39 58.33						
CIS	0.84	250	ePc	39	44.20	-1.2
SCY	0.92	296	eP	39	45.79	-0.9
GSC	1.68	19	eP	39	58.49	-0.4
eS 40 18.47						
ABL	1.85	309	eP	40	00.67	-0.7
ISA	2.13	337	ePn	40	03.95	-1.3
GLA	2.30	106	ePn	40	04.43	-3.3
BCH	2.62	305	eP	40	11.64	-0.7
PHAM	3.22	312	eP	40	20.18	-0.6

TPNV	3.39	17	ePn	40	23.66	0.4
MEMM	4.13	344	(P)	40	34.40	0.8
eLg 41 38.61						
BONR	4.30	351	eP	40	36.17	-0.2
TNP	4.37	3	ePn	40	36.84	-0.5
ARN	4.92	319	eP	40	47.09	2.1
ARUT	5.23	38	eP	40	48.61	-0.8
MSU	6.43	40	eP	41	05.64	-0.8
SRU	7.77	44	(P)	41	26.27	1.1

34 obs. associated

OCT 22, 1992 09h 04m 23.40±0.14s
30.227 S ±3.9km 177.205 W ±4.2km
DEPTH = 26.3km (geophysicist)
6.0mb (75 obs.) 6.6Msz (69 obs.)
KERMADEC ISLANDS, NEW ZEALAND (178)
Ms 7.2 (BRK). Mo=1.3*10**19 Nm
(PPT). Felt (IV) on Raoul
Island. Two events about 3.5
seconds apart. Depth from
broadband displacement
seismograms, based on first
event.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=20 Dip=75 Slip=90
NP2: 200 15 90
Principal Axes:
T Plg=60 Azm=290
P 30 110

Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting. The preferred fault
plane is NP2.
RADIATED ENERGY
No. of sta: 15 Focal mech. C
Energy 4.7±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 4 No. of sta: 24
Moment Tensor: Scale 10**18 Nm
Mrr=2.56 Mtt=-2.64
Mff=0.08 Mrt=2.13
Mrf=4.73 Mtf=-2.29

Principal axes:
T Vol=6.22 Plg=53 Azm=274
N 0.04 22 35
P -6.26 28 138
Best Double Couple:Mo=6.2*10**18
NP1:Strike=271 Dip=26 Slip=148
NP2: 30 77 68

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, **C M.W.: 33S, 63C
Centroid Location:
Origin Time 09:04:30.8 0.1
Lot 29.74S 0.01 Lon 176.73W 0.01
Dep 15.0 FIX Half-duration 4.5
Moment Tensor: Scale 10**18 Nm
Mrr=4.24 0.02 Mtt=-0.12 0.03
Mff=-4.12 0.03 Mrt=1.33 0.11
Mrf=6.29 0.12 Mtf=-1.20 0.02

Principal Axes:
T Vol=7.66 Plg=62 Azm=280
N 0.19 2 13
P -7.86 28 104
Best Double Couple:Mo=7.8*10**18
NP1:Strike=199 Dip=17 Slip=96
NP2: 13 73 88

RAO 1.15 327 iP 04 44.00 0.1
HBZ 8.25 206 eP 06 23.70 -0.5
KUZ 8.78 220 eP 06 35.00 3.4X
WCZ 9.09 229 eP 06 41.10 5.2X
OUZ 9.21 235 eP 06 44.20 6.7X
NOZ 9.24 204 eP 06 35.70 -2.3
URZ 9.29 209 eP 06 35.70 -2.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

WUZ 9.68 216 eP 06 45.40 1.4
MOZ 10.57 216 eP 06 58.10 1.9
MNG 11.95 208 eP 07 08.40 -6.7X
KIW 12.40 209 eP 07 15.80 -5.2X
MTW 12.41 206 eP 07 14.70 -6.4X
CAW 12.54 208 eP 07 16.20 -6.7X
SVA 12.69 341 ePc 07 22.30 -2.6X
DIW 12.78 212 eP 07 22.00 -4.1X
MRW 12.79 209 eP 07 22.30 -3.9X

SNZO	12.85	208	eP	07	22.00	-5.0X
S 09 40.00						
TCW	12.95	210	eP	07	26.00	-2.4
THZ	14.01	212	eP	07	41.60	-0.8
KHZ	14.26	209	eP	07	39.70	-5.8X
eS 10 15.10						
DSZ	14.52	215	eP	07	49.40	0.4
LTZ	15.10	211	eP	07	52.20	-4.4X
eS 10 34.60						
MOZ	15.69	208	eP	08	00.70	-3.4X
DZM	16.76	295	iPc	08	22.00	3.9X
AFI	16.99	18	eP	08	19.00	-2.0
eS 11 28.00						
eLR 13 00.00						
LMZ	17.23	215	eP	08	20.60	-3.1X
BWZ	17.55	212	eP	08	27.00	-0.6
ODZ	17.62	210	eP	08	28.20	-0.3
RAR	18.07	64	P	08	29.00	-5.3X
S 11 30.00						
PVC	18.13	310	iPc	08	37.10	2.1
8KM	18.23	310	iPc	08	38.00	1.7
MHZ	18.23	212	eP	08	35.10	-1.1
SBCZ	18.24	212	eP	08	33.70	-2.6X
MMCZ	18.26	212	eP	08	35.30	-1.2
CMCZ	18.30	212	eP	08	35.90	-1.2
TLC	18.43	212	eP	08	36.80	-1.9
TUZ	18.77	210	eP	08	42.40	-0.3
8CZ	19.61	212	eP	08	51.80	-0.8
SIZ	20.14	210	eP	09	00.50	2.4
TBI	25.66	81	eP	09	52.00	-0.7
1.1s 205.00nm 5.7mb						
ARMA	26.86	262	iPc	10	07.60	3.6X
0.7s 149.00nm 5.7mb						
RIV	27.01	254	eP	10	13.70	8.6X
eS 14 42.00						
AFR	28.00	69	iP	10	18.90	4.7X
1.4s 245.00nm 5.7mb						
PAE	28.09	70	iP	10	20.00	4.9X
1.4s 435.00nm 6.0mb						
PPT	28.14	70	iP	10	20.60	5.0X
1.4s 455.00nm 6.0mb						
PPN	28.28	70	iP	10	21.80	5.0X
1.4s 160.00nm 5.6mb						
TVO	28.30	70	iP	10	22.20	5.2X

22d 09h

RAB 38.82 306 eP 11 44.00 -4.0X
 PMG 39.16 294 eP 11 54.00 3.2X
 QIS 39.99 274 eP 11 58.10 0.4
 0.4s 7.00nm 4.7mb X
 LAT 40.97 298 eP 12 05.50 -0.2
 ASPA 43.81 266 eP 12 28.40 -0.6
 0.6s 102.40nm 5.8mb
 Z 19s 322.00um 7.3Msz
 ipP 12 44.50 63kmX
 ePcP 14 28.40
 iS 18 08.70
 eScS 22 32.30
 DRV 44.56 203 eP 12 38.10 3.6X
 PP 14 28.00
 S 19 16.00
 SS 22 46.00
 WB2 44.77 272 iPd 12 35.90 -0.9
 0.7s 299.40nm 6.3mb
 eS 19 08.90
 WRA 44.78 272 P 12 36.30 -0.6
 0.7s 113.10nm 5.9mb
 WARB 49.23 260 eP 13 10.30 -1.5
 0.4s 16.00nm 5.4mb
 MTN 50.64 278 iPd 13 21.20 -1.4
 0.6s 109.00nm 6.0mb
 KNA 51.34 274 eP 13 27.00 -0.9
 COOL 52.47 253 eP 13 35.50 -0.8
 0.6s 56.00nm 5.7mb
 KKH 53.63 25 (P) 13 45.93 1.2
 MHA 54.15 25 eP 13 49.36 0.7
 HON 54.48 22 P- 14 01.64 10.6X
 Z 19s 43.98um 6.5Msz
 S 21 47.73
 DHH 54.49 22 P 13 51.40 0.3
 HKL 54.51 24 P 13 59.20 7.5X
 KIP 54.57 22 (P) 13 51.64 0.0
 RKG 54.84 247 eP 13 53.00 -0.7
 KLB 55.05 251 iPd 13 54.40 -0.8
 1.0s 270.00nm 6.2mb
 CSY 55.62 208 iPd 14 01.00 2.2
 0.6s 220.60nm 6.4mb
 MEEK 55.89 257 iPd 14 00.00 -1.4
 MUN 56.20 250 iPd 14 03.00 -0.5
 Z 20s 67.60um 6.7Msz
 N 20s 29.40um
 E 20s 36.80um
 BAL 56.20 252 eP 14 02.00 -1.6
 1.0s 132.00nm 5.9mb
 GUA 56.78 314 e(P) 14 04.50 -3.3X
 1.2s 875.00nm 6.7mb
 Z 19s 28.81um 6.4Msz
 MBL 56.84 263 eP 14 06.00 -2.3X
 GUMO 56.85 314 eP 14 00.20 -8.1X
 1.1s 260.70nm 6.2mb
 Z 22s 16.00um 6.1Msz
 e 14 06.90
 eS 22 10.00
 PJG 56.85 314 eP 14 00.80 -7.5X
 MRWA 57.23 253 eP 14 10.00 -0.9
 0.6s 25.00nm 5.4mb
 SPA 59.94 180 ePc 14 33.20 3.7X
 1.1s 261.90nm 6.3mb
 Z 19s 46.04um 6.6Msz
 NANU 59.98 260 eP 14 29.00 -1.1
 0.5s 31.00nm 5.7mb
 TRT 69.03 273 ePc 15 12.60 -16.6X
 0.8s 62.50nm
 MAP 69.40 296 eP 15 34.60 3.2X
 TSM 70.82 287 eP 15 41.00 0.9
 AIA 71.80 156 eP 15 56.70 11.6X
 MAW 72.71 200 iPc 15 53.40 2.9X
 1.1s 183.00nm 6.0mb
 KKM 73.16 288 ePd 15 54.00 -0.1
 0.8s 72.90nm 5.8mb
 TGY 74.05 297 ePc 15 55.00 -4.1X
 PIP 76.87 300 ePd 16 11.00 -4.1X
 MAT 78.49 325 iPc+ 16 21.50 -2.2
 1.1s 113.92nm 5.8mb
 Z 20s 13.83um 6.3Msz
 eS 26 16.00
 NVL 79.09 183 iPc 16 28.00 1.6
 1.2s 206.00nm 6.0mb
 Z 18s 8.00um 6.1Msz
 ePcP 16 39.00
 e 17 08.00
 i 17 55.00
 ePP 19 58.00

eS 26 28.00
 eScS 26 42.00
 ePS 26 56.00
 eSS 31 20.00
 eSSS 35 26.00
 SNA 79.68 178 iPc 16 32.30 2.7X
 1.2s 412.50nm 6.3mb
 SHK 79.89 320 ePc 16 31.00 -0.3
 ERM 80.64 331 ePc 16 34.33 -0.8
 ec 16 38.71
 epPd 16 43.93 30kmX
 PAF 80.70 218 iP 16 46.00 10.5X
 ePP 19 42.00
 eS 26 48.00
 eSS 31 33.00
 KUR 81.55 336 eP 16 39.00 -0.8
 1.0s 380.00nm 6.4mb
 Z 18s 29.50um 6.7Msz
 N 18s 17.70um
 eS 26 53.00
 ADK 81.76 0 eP 16 38.25 -2.4
 0.6s 72.97nm 5.9mb
 KGM 81.92 277 ePc 16 43.20 0.7
 SAP 82.26 331 eP 16 48.00 4.5X
 QZH 82.42 304 Pc 16 45.00 0.2
 Z 24s 13.50um 6.2MszX
 N 16s 7.24um
 SMY 82.95 355 eP 16 46.17 -0.7
 1.1s 457.80nm 6.5mb
 Z 20s 42.19um 6.8Msz
 HKC 84.08 300 P 16 54.00 0.7
 SBC 84.12 44 ePc 16 55.42 2.1
 ed 17 00.88
 BCH 84.40 44 P 16 58.00 3.2X
 PRS 84.43 42 eP 16 54.56 -0.3
 SSE 84.51 311 ePc 16 54.49 -0.8
 1.0s 27.00nm 5.4mb
 Z 20s 11.00um 6.2Msz
 N 17s 7.90um
 E 16s 2.50um
 ec 16 57.55
 epPd 17 03.68 29kmX
 sP 17 11.00
 GCC 84.56 41 eP 16 50.33 -5.1X
 SAO 84.69 42 eP 16 55.76 -0.3
 Z 19s 99.00um 7.2Msz
 ABL 84.70 44 eP 16 56.28 -0.2
 PRI 84.71 43 eP 16 56.75 0.4
 YSS 84.96 334 ePc 16 57.14 0.0
 1.0s 240.00nm 6.4mb
 Z 18s 19.00um 6.5Msz
 N 18s 18.50um
 E 18s 17.00um
 ec 17 00.53
 epPd 17 05.33 26kmX
 e 20 07.00
 ePPP 22 16.00
 eS 27 22.00
 ePPS 28 23.00
 PKEM 84.99 43 eP 17 06.26 8.7X
 BKS 85.01 41 eP 17 04.00 6.3X
 Z 19s 113.00um 7.3Msz
 e 18 49.00
 ePP 20 45.00
 ePPP 21 51.00
 eS 27 24.00
 ePS 28 33.00
 e 29 53.00
 eSS 32 25.00
 eLO 38 52.00
 eLR 42 43.00
 ARN 85.04 41 eP 16 57.72 -0.2
 NTYM 85.14 40 eP 16 58.48 0.2
 GZH 85.16 300 P 17 01.40 2.7X
 ePP 20 18.00
 PLM 85.16 47 eP 16 58.55 -0.2
 e 17 15.71
 IPM 85.19 278 ePd 16 57.90 -1.2
 0.8s 74.00nm 6.0mb
 SSK 85.21 46 eP 16 58.57 -0.4
 PEC 85.33 46 eP 16 58.40 -1.0
 1.7s 99.36nm 5.8mb
 PET 85.53 346 iPc+ 17 00.00 0.1
 1.5s 280.00nm 6.3mb
 Z 20s 22.00um 6.5Msz
 N 20s 11.20um
 E 20s 8.60um

e 20 20.00
 eS 27 32.00
 eSSS 36 34.00
 OIZ 85.54 295 P 17 01.00 0.3
 N 17s 8.26um
 S 27 29.00
 ISA 85.69 44 eP+ 17 00.73 -0.5
 1.1s 90.48nm 5.9mb
 S 27 32.32
 FRI 85.85 43 eP 17 01.14 -0.7
 FHC 86.14 38 (P) 17 03.66 0.4
 1.2s 310.74nm 6.4mb
 CMB 86.18 41 iPc 17 05.00 1.4
 Z 19s 73.00um 7.1Msz
 eS 27 29.00
 ePS 28 32.00
 e 32 11.00
 eSS 32 44.00
 e(SSS) 35 50.00
 eLO 39 38.00
 eLR 43 28.00
 GLA 86.27 48 ePd 17 03.91 -0.2
 SDN 86.42 9 eP 17 04.59 0.4
 1.1s 483.63nm 6.6mb
 Z 21s 6.61um 6.0Msz
 GSC 86.47 45 eP 17 04.75 -0.4
 epPd 17 12.69 25kmX
 ORV 86.60 40 eP 17 04.53 -1.0
 NJ2 86.66 310 Pc 17 05.00 -0.9
 N 18s 11.50um
 E 15s 2.46um
 S 27 32.00
 WDC 86.75 38 ePc 17 05.64 -0.6
 1.3s 152.05nm 6.1mb
 ec 17 08.95
 epPd 17 13.75 25kmX
 S 27 43.43
 MEMM 86.76 43 P 16 51.50 -14.8X
 SNG 86.86 280 eP 17 08.00 0.7
 e 20 33.80
 eS 27 36.00
 MIN 87.09 39 eP 17 07.39 -0.7
 HCK 87.24 42 Pc 16 54.00 -14.9X
 iS 27 24.00
 BONR 87.33 43 ePc 17 08.93 -0.6
 ePKKP 35 05.85
 MDZ 87.63 127 i(P) 17 13.40 2.4X
 LBFM 87.64 38 eP 17 10.10 -0.7
 TPNV 87.89 44 eP 17 12.08 0.1
 0.9s 54.30nm 5.9mb
 Z 19s 24.40um 6.6Msz
 TNP 88.05 43 eP 17 12.31 -0.5
 1.3s 107.27nm 6.0mb
 KVN 88.18 42 eP 17 13.12 -0.3
 TUC 88.47 51 ePc 17 14.83 0.0
 1.5s 147.82nm 6.1mb
 Z 18s 21.52um 6.6Msz
 epPd 17 23.11 26kmX
 ePc 17 27.08
 ec 17 31.88
 S 27 59.12
 RTLL 88.78 126 e(P) 17 18.50 2.0
 WHN 88.79 307 eP 17 16.00 -0.2
 Z 22s 14.30um 6.3Msz
 N 18s 9.46um
 E 18s 10.80um
 pP 17 25.50 30kmX
 MDJ 88.87 325 ePc 17 16.42 0.1
 1.1s 350.00nm 6.6mb
 Z 18s 17.40um 6.5Msz
 N 18s 12.93um
 E 18s 6.98um
 epPd 17 24.95 27kmX
 COR 89.20 35 (P) 17 18.08 0.2
 ePP 17 25.28 22kmX
 DL2 89.29 317 eP 17 18.50 0.1
 1.0s 330.00nm 6.6mb
 Z 22s 8.18um 6.1Msz
 N 18s 7.94um
 SKS 27 38.00
 sS 28 22.00
 MRA 90.06 128 e(P) 17 23.90 1.5
 KDC 90.07 13 eP 17 22.60 1.0
 1.1s 78.47nm 5.9mb
 SNY 90.10 320 Pc 17 21.90 -0.2
 1.2s 450.00nm 6.6mb
 Z 20s 14.00um 6.4Msz

N	19s	7.89um				PMS	93.88	13	eP	17	41.00	1.8				e	38	57.00				
E	18s	9.05um				PTI	93.95	42	eP	17	39.99	-0.1				LR	52	34.00				
		sP	17	32.00		DPW	94.03	35	eP	17	38.81	-1.3			LNO	100.81	55	e(Pdiff18	16.10	4.9X		
ARUT	90.14	45	eP	17	22.34	-0.3	CHG	94.17	289	eP	17	42.80	1.4			LR	52	32.40				
TIA	90.36	313	eP	17	23.60	0.1		1.1s	35.44nm			5.7mb			YAK	101.33	337	ePdiff18	11.50	-1.4		
	1.5s	670.00nm				6.7mb	HHA1	94.21	41	eP	17	41.16	-0.1			3.0s	370.00nm		6.4mb			
N	16s	3.87um							PKKP	34	47.48				Z	18s	16.80um		6.6Msz			
E	17s	9.12um					TIY	94.27	311	Pd	17	42.00	0.5			N	18s	10.90um				
		sS	28	31.00				1.2s	120.00nm			6.2mb			E	18s	5.90um					
CN2	90.42	322	Pc	17	23.00	-0.6	Z	25s	21.40um			6.5MszX				e	28	45.00				
	1.2s	920.00nm				6.9mb	N	19s	11.60um						MIAR	101.74	57	Pdiff18	14.92	-0.5		
Z	30s	19.20um				6.4MszX			SKS	28	15.00				Z	18s	13.61um		6.5Msz			
BS1	90.58	276	eP	17	25.00	0.0	PMR	94.28	13	eP	17	39.80	-1.1				SP	31	39.76			
BMW	90.59	34	eP	17	23.95	-0.4		1.4s	92.21nm			6.0mb			CIT	101.75	324	ePdiff18	16.00	0.9		
SHW	90.87	35	eP	17	23.98	-1.8	Z	21s	21.53um			6.6Msz			SIV	103.27	117	ePdiff18	33.00	10.3X		
		ePKKP	35	32.35			KMI	94.36	296	Pc	17	46.40	4.0X		GTA	103.58	308	ePdiff18	24.00	0.3		
VGB	91.13	36	eP	17	26.21	-0.6	Z	20s	18.10um			6.5Msz			Z	16s	17.20um		6.7MszX			
LOE	91.18	289	eP	17	30.00	2.4X	N	17s	4.00um						E	16s	7.76um					
MSU	91.37	45	ePc	17	28.19	-0.2	E	17s	8.60um							pP	18	30.50				
		ePKKP	34	51.37					sP	17	57.50					PP	22	46.00				
TCA	91.46	128	eP	17	30.20	1.2			PP	21	37.00					SKS	29	06.00				
		e	17	38.00			KMI	94.36	296	ePc	17	43.07	0.7			sS	30	24.00				
LON	91.47	34	ePc	17	26.75	-1.7	Z	20s	18.10um			6.5Msz			BOG	103.66	93	e(Pdiff18	38.00	13.1X		
		epPd	17	35.36		27kmX	N	17s	4.00um							eS	29	05.00				
GMW	91.56	33	eP	17	28.65	-0.1	E	17s	8.60um						BOD	104.74	329	ePdiff18	27.20	-1.0X		
NST	91.60	287	eP	17	33.50	3.9X			ec	17	46.63					1.2s	12.00nm		5.7mb			
CRZF	91.75	212	iPc	17	40.00	10.1X			epPd	17	51.92	28kmX			YKA	104.99	25	ePdiff23	01.40	272.2X		
		ePP	21	13.00					ed	17	53.08					0.9s	2.40nm					
		ePPP	23	19.00					PP	21	37.00				LSA	105.58	295	Pdiff18	37.00	3.8X		
		eS	28	40.00			TTA	94.37	10	eP	17	40.68	-0.8			Z	22s	9.49um		6.3Msz		
		eSP	30	22.00				1.2s	42.44nm			5.7mb			N	17s	5.40um					
		eSPP	30	45.00			XAN	94.56	307	P	17	43.50	0.6			FVM	105.58	55	PKP	23	00.00	14.2X
		eSS	34	37.00				1.2s	32.00nm			5.6mb			Z	19s	34.42um		6.9Msz			
		eSSS	38	23.00			Z	18s	19.90um			6.6Msz			FVM	105.58	55	Pdiff18	38.85	6.4X		
RMW	91.97	34	eP	17	29.98	-0.8	N	17s	6.94um						Z	19s	58.83um		7.1Msz			
DUG	92.03	44	(P)	17	30.70	-0.6	E	17s	13.20um							SP	32	16.87				
	1.1s	10.06nm				5.2mb			pP	17	51.50	25kmX			SLM	106.00	54	PKP	23	00.00	13.5X	
PGC	92.04	32	eP	17	31.00	0.2			sP	17	55.40				Z	18s	9.94um		6.4Msz			
GYA	92.06	299	iPc	17	32.00	0.3			PP	21	30.00				ZAK	106.50	319	ePdiff18	38.00	1.9		
	1.2s	92.00nm				6.1mb	ARE	94.81	112	eP	17	45.00	0.2			1.1s	13.00nm		5.9mb			
Z	20s	11.40um				6.3Msz	LRM	95.73	39	eP	17	47.40	-0.9			Z	18s	8.24um		6.3Msz		
N	18s	8.43um					GOL	96.34	48	P+	17	52.92	1.7			E	19s	15.60um				
E	18s	9.79um					Z	22s	10.70um			6.3Msz				e	23	00.00				
		PP	21	14.00			CD2	96.58	302	eP	17	53.00	0.8				e	29	18.00			
ENH	92.07	304	ePc	17	31.50	0.0	Z	22s	15.60um			6.4Msz				ePS	32	20.00				
		ec	17	35.23			N	17s	5.89um						IRK	106.80	321	ePdiff18	38.00	0.5		
		epPd	17	39.94		26kmX	HHC	96.61	314	eP	17	53.00	0.8			Z	18s	9.37um		6.4Msz		
		ed	17	41.43				1.2s	53.00nm			5.9mb			N	18s	5.22um					
MCW	92.35	33	eP	17	32.33	0.0	Z	21s	26.60um			6.7Msz			E	18s	2.73um					
KHT	92.43	286	eP	17	33.50	0.1	N	20s	8.41um							e	29	20.00				
SRU	92.76	46	ePc	17	34.09	-0.6	E	19s	11.70um							ePS	32	25.00				
		PKKP	34	48.96			HIA	96.98	324	ePc	17	52.50	-1.0			TIK	108.27	344	ePdiff18	45.00	1.4	
NNA	92.81	105	eP	17	37.00	1.7			ec	17	55.72				Z	19s	12.50um		6.5Msz			
	1.2s	42.19nm				5.7mb			epPd	18	00.77	26kmX				e	23	10.00				
Z	20s	6.38um				6.1Msz	BTO	97.44	313	P	17	57.00	1.0				ePPP	25	31.00			
ALO	92.93	51	P	17	35.41	-0.2	N	20s	11.50um								e	29	27.00			
	1.0s	18.64nm				5.5mb	E	21s	4.68um						MOY	108.38	320	ePdiff18	47.00	2.5X		
Z	19s	21.83um				6.6Msz	COL	97.55	12	ePc	17	54.60	-1.2			HYB	110.63	279	ePKP	22	59.20	3.3X
EMUT	93.01	45	(P)	17	35.80	-0.1			ec	17	57.17				MBC	112.09	13	ePKP	22	55.50	-1.5	
SLKM	93.07	13	eP	17	34.08	-1.4			ed	18	04.95					1.0s	6.00nm					
DAU	93.10	44	eP	17	35.53	-0.9	FBA	97.55	12	eP	17	53.56	-2.2			CEH	113.05	61	PKP	23	10.00	10.0X
		PKKP	34	50.25				1.2s	31.07nm			5.7mb			Z	19s	12.50um		6.5Msz			
BJI	93.28	315	ePc	17	36.24	-0.6	ZOBO	97.59	114	P	18	02.20	4.3X			CEH	113.05	61	Pdiff18	19	09.21	3.5X
	1.5s	120.00nm				6.1mb		1.1s	26.10nm			5.7mb			Z	19s	12.50um		6.5Msz			
Z	20s	13.20um				6.4Msz			SKS	28	40.00					SP	33	31.72				
N	18s	8.15um							LR	50	04.00				WMQ	113.66	308	Pdiff18	19	08.00	-0.4	
		epPd	17	44.85		27kmX	IMA	97.68	9	eP	17	55.46	-1.0			Z	23s	13.30um		6.5MszX		
		ed	17	46.25				1.3s	12.19nm			5.3mb			N	16s	4.24um					
		eSKS	28	12.00			MEO	98.27	55	iPc	18	02.50	2.8X			E	14s	3.33um				
BDT	93.33	288	eP	17	38.18	0.6	CCH	98.53	116	eP	18	01.00	-0.7				PP	23	52.00			
SPU	93.36	12	eP	17	36.63	-0.2	LZH	99.17	306	eP	18	07.00	3.1X			MCWV	113.83	57	PKP	23	10.00	8.6X
CRP	93.42	12	eP	17	35.34	-1.9		Z	18s	15.90um			6.6Msz			Z	19s	19.94um		6.7Msz		
LPA	93.58	134	ePKP	17	40.00	1.5	E	17s	9.42um							POO	115.14	278	iPKPc	23	01.40	-3.2X
	Z	21s	12.90um			6.4Msz			sP	18	19.50				NDI	116.32	289	ePdiff19	26.00	5.5X		
		ePP	21	28.00					PP	22	05.00				NDI	116.32	289	ePKP	23	03.50	-3.0X	
MGD	93.77	345	eP+	17	39.00	0.4			SKS	28	42.00				ELT	117.36	318	ePdiff19	27.10	2.7X		
	1.8s	160.00nm				6.1mb			S	29	22.00					1.3s	66.00nm					
Z	18s	12.00um				6.4Msz			sS	29	42.00					e	23	06.00				
N	18s	14.00um							SS	36	18.00					e	29	53.00				
E	18s	2.70um					SES	99.26	36	eP	18	03.00	-0.8				e	34	04.00			
		e	17	52.00			TUL	100.81	55	e(Pdiff18	18.90	7.6X			UKR	117.68	315	ePKP	23	07.20	-1.1	
		e	21	20.00				3.2s	55.30nm			5.5mb X				1.3s	56.00nm					
		e	28	12.00			Z	18s	32.40um			6.9Msz				e	30	04.00				
		iS	28	50.00					e	22	27.00				KIM	117.71	202	ePKP	23	10.50	1.2	
		ePS	30	00.00					e	31	24.00					0.9s	33.61nm					
SIT	93.87	21	P	17	50.00	10.9X			e	33	20.00				RSNY	119.08	53	ePKP	23	09.86	-1.4	
	Z	20s	159.51um			7.5Msz			e	36	39.00				Z	19s	19.06um		6.7Msz			

22d 09h

SP 34 06.08					i 23 57.00					PRNI 152.24 278 ePKP 24 15.20 3.7X				
SLR	119.23	206	iPKPd	23 12.00 -0.3	AKU	142.25	14	e(PKP)	24 03.00 8.7X	KART	152.32	302	ePKP	24 15.00 3.4X
	1.3s		48.00nm			1.0s		24.00nm		RMN	152.58	279	ePKP	24 15.80 3.7X
Z	20s		14.89um	6.6MsZ	KER	142.54	288	ePKP	24 02.00 6.0X	ASW	152.58	264	iPKP+	24 16.00 3.9X
NR1	119.57	336	iPKPd	23 11.00 -0.4	GRS	143.40	297	iPKPd	23 54.00 -3.4X				eS	31 24.00
	1.3s		108.00nm			1.2s		250.00nm		EDR	153.06	6	ePKP	24 21.40 9.6X
Z	21s		37.00um	7.0MsZ		Z	17s	3.11um	6.1MsZ				127.00nm	
N	21s		5.50um			N	20s	1.47um		FAM	153.35	289	ePKP	24 24.50 11.6X
E	21s		7.00um			E	20s	4.12um		ELO	153.37	8	ePKP	24 19.30 7.0X
			e		TAB	143.40	294	iPKP+	23 54.00 -3.4X				140.00nm	
PRZ	119.75	304	ePKP	23 12.00 -0.8	GRO	143.63	303	iPKPc	23 56.00 -1.4	EAB	153.56	9	ePKP	24 22.00 9.5X
	1.2s		150.00nm				1.5s	480.00nm		EBH	153.61	8	ePKP	24 20.60 8.0X
			e	24 40.00	QASM	143.98	274	ePKP	23 56.60 -2.0	BBTK	153.76	300	ePKP	24 16.10 2.6X
			e	30 16.00	MTA	144.45	300	ePKP	23 56.80 -2.0	KIS	153.80	317	ePKP	24 16.00 2.9X
			ePS	34 18.00				i	24 02.20				i	28 14.00
HRV	120.65	56	Pdiff	19 40.91 1.5				e	27 12.00	CSS	153.90	288	ePKP	24 21.70 8.0X
Z	18s		33.02um	7.0MsZ	MOS	144.58	326	iPKPd	23 56.00 -2.6	DVR	154.00	303	ePKP	24 16.10 2.4X
			SP	34 34.96		2.0s		720.00nm		EAU	154.01	8	ePKP	24 23.00 9.8X
KSH	120.72	300	PKP	23 15.60 0.9				i	27 12.00	ESY	154.04	7	ePKP	24 20.00 6.8X
Z	22s		13.70um	6.6MsZ				ePPP	30 26.00				60.00nm	
N	18s		6.40um		KAF	144.61	341	iPKP	23 55.70 -2.8X	SGKT	154.12	301	ePKP	24 16.80 2.7X
E	19s		9.60um					e	31 04.00	EBL	154.13	8	ePKP	24 21.80 8.5X
			PP	24 44.00	ERE	144.78	298	iPKP+	23 58.00 -1.6	WAR	154.23	334	PKP	24 15.00 1.5
			SKS	30 24.00				i	27 14.50				23.00um	7.0MsZ
PDCR	121.39	130	ePKP	23 11.80 -4.7X				iPPS	39 55.00	EKA	154.55	8	PKP	24 21.00 7.2X
CIR	122.02	212	iPKPc	23 18.10 0.5	PUL	145.13	336	(PKP)	23 58.00 -1.4				23.00nm	
			i	24 45.00		2.0s		1220.00nm		PPCY	154.71	288	ePKP	24 25.80 11.1X
FRU	122.54	304	iPKPc	23 17.00 -1.0		Z	21s	8.00um	6.5MsZ	NAL	154.76	301	ePKP	24 18.00 3.2X
	1.2s		120.00nm			N	22s	6.30um		CLI	154.97	317	ePKP	24 23.00 8.3X
			e	24 54.00		E	22s	5.50um		CFR	155.13	314	ePKPc	24 24.00 9.1X
			e	30 20.00				e	24 13.00	GYN	155.16	302	ePKP	24 26.60 11.3X
			e	34 48.00				e	27 16.00	KIC	155.22	162	PKP	24 02.40 -13.6X
			eSS	42 00.00				e	31 06.00				69.00nm	
BUL	124.09	210	iPKPc	23 22.80 1.0	OBN	145.41	326	ePKP	23 58.00 -2.0				e	24 20.46
			ipPKP	23 26.70	NUR	146.38	341	ePKP	24 01.00 -0.5	HLW	155.31	276	ePKP+	24 17.00 1.3
QUE	125.26	287	ePKP	23 25.00 1.2	SOC	147.88	305	iPKP	24 07.00 2.6X				eS	35 14.00
			e(S)	25 33.00		2.0s		720.00nm		DMU	155.32	14	ePKP	24 26.20 11.3X
LMN	126.07	53	ePKP	23 27.00 2.3		Z	20s	9.70um	6.6MsZ	TIC	155.42	161	PKP	24 02.40 -13.9X
KRI	126.56	213	iPKPc	23 29.00 2.4		N	20s	6.50um					56.00nm	
			ipPKP	23 31.50		E	20s	3.00um					e	24 19.90
			i	25 28.70				e	27 34.00				e	24 42.00
BRVK	126.83	316	iPKPc	23 25.00 -0.9				e	31 11.00	VRI	155.66	317	ePKPc	24 32.00 16.3X
	1.1s		105.00nm					eSS	46 32.00	DCN	155.76	15	ePKP	24 28.40 12.8X
KBS	131.05	358	ePKP	23 35.80 2.5X	NB2	148.68	352	PKP	24 04.70 -0.5	MBO	155.93	127	ePKP	24 23.20 6.3X
SVE	132.20	321	iPKPc	23 32.00 -4.0X	UPP	148.72	346	iPKP	24 07.60 2.4X	DLF	155.96	14	ePKP	24 27.60 11.8X
	2.2s		180.00nm					i	24 10.20	ITU	156.18	304	ePKP	24 14.50 -2.0
Z	19s		4.00um	6.1MsZ				iSS	46 44.00	OJC	156.29	332	ePKP	24 17.40 1.0
N	19s		3.00um		SUE	149.14	358	ePKP	24 09.10 3.3X				71.00nm	
E	19s		9.50um		HFS	149.21	349	ePKP	24 07.60 1.6				i	24 19.60
			e	26 03.00		1.3s		436.50nm					i	24 48.00
			e	36 07.00	ANN	149.24	308	iPKP	24 09.50 3.0X				e	28 20.00
MAIO	132.77	293	iPKPc	23 34.00 -3.9X		1.3s		200.00nm		MLR	156.32	316	ePKPc	24 23.00 6.2X
			i	27 11.00				i	24 13.00	UZH	156.35	326	iPKP	24 16.00 -0.5
ARU	133.38	321	(PKP)	23 39.00 0.8				e	27 38.00				125.00nm	
	1.2s		210.00nm		ASK	149.70	358	ePKP	24 10.70 4.0X				e	24 25.50
			e	23 51.00	BER	149.79	357	ePKP	24 11.00 4.2X				i	24 45.10
			e	26 15.00	WAJH	150.03	271	ePKP	24 10.00 1.7				i	28 26.00
ASH	133.93	295	ePKP	23 42.00 2.1	KDNO	150.22	353	iPKPc	24 12.00 4.5X				ePPP	31 55.00
	1.8s		240.00nm		OTFJ	150.31	282	PKPd	24 15.16 6.5X				e	41 28.00
Z	20s		7.50um	6.4MsZ	MNK	150.32	330	iPKP	24 08.00 0.2	BRNL	156.49	344	ePKP	24 16.00 -0.5
N	20s		5.80um			Z	18s	14.10um	6.8MsZ				ed	24 21.90
			e	26 10.00		N	18s	4.30um					ePP	28 21.10
			e	30 43.00		E	20s	11.50um		ELL	156.52	293	ePKP	24 19.90 2.6X
			e	38 14.00	BCAO	150.35	213	iPKPc	24 08.30 -0.9	BRN	156.54	344	ePKP	24 18.00 1.4
NAI	134.93	232	iPKPd	23 40.00 -2.8X		1.3s		88.00nm					ePP	28 22.00
KAT	135.69	297	iPKP-	23 48.00 4.8X				i	24 13.30	BUC	156.78	314	ePKPd	24 20.00 2.8X
			e	23 56.00				e	24 15.20 6.6X	BUC1	156.86	314	ePKPd	24 28.00 10.7X
			i	26 22.00	AKKT	150.39	300	ePKP	24 15.60 6.7X	SPC	156.89	330	ePKP	24 18.20 0.7
			i	30 48.00	SVST	150.60	298	ePKP	24 16.45 6.9X	CMP	156.98	317	ePKP	24 31.00 13.5X
			ePS	36 45.00	ARTJ	150.90	283	PKPd	24 16.67 7.1X	RAC	157.02	334	ePKP	24 21.00 3.7X
			eSS	44 46.00	CSTJ	150.91	280	PKPd	24 13.80 5.2X				i	24 51.50
SHI	137.18	282	ePKP	23 38.00 -8.6X	KMY	150.97	357	ePKP	24 13.20 3.6X				e	28 25.00
KEV	138.10	348	ePKP	23 42.00 -4.8X	TRHT	151.09	300	ePKP	24 17.28 7.3X				e	31 55.00
	1.0s		40.00nm		GHZJ	151.13	279	PKPc	24 13.00 3.1X	KSP	157.06	338	ePKP	24 17.00 -0.4
DHR	138.35	277	ePKP	23 55.00 6.4X	AYN	151.14	276	ePKP	24 17.81 7.6X				197.00nm	
			eS	26 36.00	MDSJ	151.33	281	PKPc	24 18.66 7.9X				ic	24 20.50
ARO	138.49	252	ePKP+	23 46.50 -2.7	KFNJ	151.84	282	PKPc	24 18.31 7.3X				i	24 49.00
APA	138.49	343	iPKP	23 48.10 0.5	MKRJ	151.84	281	PKPc	24 14.69 7.7X				e	28 24.00
LWI	139.28	222	iPKPd	23 48.20 -2.7	SALJ	151.88	285	ePKP	24 12.00 0.9	TNR	157.21	318	ePKPc	24 20.00 2.2
AAE	140.35	245	ePKP	23 50.50 -2.4X	HRI	151.98	286	PKP	24 11.00 -0.2	COZ	157.36	318	ePKPc	24 25.00 6.9X
BAK	140.65	298	iPKPd	23 50.00 -2.3	BHL			S	27 56.00	CLL	157.61	343	ePKP	24 18.00 0.0
DHJN	140.96	261	ePKP	23 54.60 0.7									82.00nm	
SHE	141.61	298	ePKP	23 50.00 -4.0X	HOL	152.03	276	ePKP	24 18.60 7.5X	BRG	157.75	341	ePKP	24 18.00 -0.2
	Z	20s	7.00um	6.4MsZ	CTK	152.04	301	ePKP	24 15.00 3.6X				95.00nm	
	N	20s	10.00um		JVI	152.12	282	ePKP	24 12.40 1.3				11.00um	6.7MsZ
	E	20s	12.00um		ADAT	152.14	293	ePKP						

N	20s		7.50um																MNS	165.50	329	PKP	24	30.50	4.2X
E	20s		4.00um				Z	19s		14.12um		5.8msz							SOI	166.53	309	PKP	24	33.00	5.8X
		i		24	31.80				i		24	57.50							EPLA	167.80	34	ePKP	24	30.00	1.8
		i		24	52.20				i		25	05.60							GUD	168.17	27	iPKPc	24	30.40	1.9
PSZ	157.99	328	ePKPc	24	21.40	2.7X			i		28	49.00							ETOR	168.72	19	ePKP	24	31.00	2.2
WTS	158.05	353	ePKP	24	21.50	3.0X			i		29	20.50							EVAl	169.20	45	ePKP	24	28.00	-1.0
	1.0s		26.00nm						i		39	12.00							EBR	169.27	9	ePKP	24	30.00	1.1
		e		24	53.00				i		42	07.00							EHOR	169.91	39	iPKPc	24	31.80	2.4X
DBN	158.07	356	ePKP	24	20.00	1.5			i		43	43.00							ECHE	170.16	17	ePKP	24	33.00	3.4X
		ePKPop	24	54.00			ATH	161.05	300	ePKP	24	24.00	1.9						EBAN	170.39	33	ePKP	24	32.00	2.3
		ePKS	27	38.00			LIT	161.16	307	ePKP	24	19.92	-2.3						EPRU	170.52	43	ePKP	24	31.50	1.6
		ePP	28	30.00			PTJ	161.27	330	ePKP	24	25.10	2.9X						EVIA	170.54	26	ePKP	24	32.10	2.2
VRAC	158.25	335	ePKP	24	34.00	15.2X	KBA	161.30	337	iPKPc	24	23.90	1.5						EJIF	170.71	46	ePKP	24	29.50	-0.4
	2.2s		300.90nm					1.1s		23.10nm									AVE	170.79	68	ePKP	24	15.50	-14.6X
		e		24	53.40				i		25	06.40													
PRU	158.36	339	ePKP	24	19.50	0.6			i		28	50.90													
	2.9s		552.90nm				FLN	161.32	7	ePKP	24	21.40	-0.7						MAL	171.16	41	iPKP+	24	02.00	1.9
Z	20s		10.00um		6.7msz			1.1s		28.55nm															
N	18s		5.50um				Z	18s		9.40um									ECOg	171.20	35	ePKP	24	32.60	2.3
E	18s		5.90um				WLS	161.51	350	PKP	24	21.96	-0.4						TIO	171.30	83	iPKP	24	36.00	5.5X
		P		24	53.70		CDF	161.52	351	PKP	24	21.55	-0.9												
		PP	28	34.00			LDF	161.52	6	ePKP	24	21.70	-0.6						EGUA	171.54	37	ePKP	24	34.60	4.3X
		eSS	48	34.00				1.5s		64.25nm									EALH	171.63	24	ePKP	24	34.00	3.7X
EZN	158.54	303	ePKP	24	20.60	1.2	KZN	161.56	308	ePKP	24	25.40	2.7X						IFR	172.51	62	iPKP	24	36.00	5.0X
MOX	158.56	345	ePKP	24	21.00	1.9	WATA	161.62	341	iPKPc	24	24.90	2.3												
	1.9s		72.00nm						i		25	08.00													
Z	20s		11.00um		6.7msz		WTTA	161.67	341	iPKPc	24	25.00	2.3												
N	19s		6.50um					1.3s		38.30nm															
E	22s		3.90um						i		25	09.90													
		e		24	55.60				iPP		28	47.70													
BUD	158.71	329	e(PKP)	24	22.00	2.6X	AGG	161.71	304	ePKP	24	21.64	-1.2												
SRO	158.77	330	ePKP	24	22.40	3.0X	ECH	161.73	351	PKP	24	22.30	-0.2												
		i		24	55.90		LJU	161.74	333	ePKP	24	27.00	4.4X												
		e		28	35.30				e		25	00.00													
ZST	158.97	333	ePKP	24	19.10	-0.5			ePP		28	42.00													
		e		28	27.80				eS		35	44.00													
		e		28	36.80		SOTA	161.83	341	iPKPc	24	25.20	2.4X												
		e		51	53.70				i		24	35.00													
		e		52	27.90				i		25	09.80													
VKA	159.22	334	iPKPc	24	23.00	3.1X	VITF	161.87	353	PKP	24	22.11	-0.6												
		i		25	01.20		VBY	161.89	331	ePKP	24	26.00	3.3X												
		iPP	28	37.60			FEL	161.92	349	PKP	24	22.21	-0.7												
ENN	159.35	354	ePKP	24	23.00	3.1X	VOY	162.00	334	e(PKP)	24	25.00	2.0												
	1.0s		66.00nm				VLI	162.01	296	ePKP	24	26.30	3.2X												
		e		24	56.00		HAU	162.04	352	ePKP	24	22.30	-0.6												
		e		28	36.00				1.4s		42.70nm														
KHC	159.42	340	iPKPc	24	23.40	3.2X		Z	20s		8.85um														
	1.4s		23.50nm				MOF	162.09	350	PKP	24	21.94	-1.1												
	Z	18s	14.00um		6.8msz		BSF	162.15	351	ePKP	24	22.30	-0.8												
	N	18s	5.50um					1.5s		61.10nm															
	E	18s	3.30um				TRI	162.32	334	e(PKP)	24	24.00	0.9												
		e		24	29.50				e(PKKP25		12.90														
		i		25	01.50				e		27	48.00													
		PKP	24	23.00					e(PP)		28	52.00													
UCC	159.42	357	PKP	24	23.00	3.0X			e(PPP)		32	28.00													
		PKPop	25	02.00					e		34	20.00													
		PP	28	46.00					e(SS)		48	44.00													
GRF	159.54	344	ePKP	24	22.40	2.1			e(SSS)		55	00.00													
	Z	22s	12.00um		6.7msz				e		56	12.00													
		e		24	55.80				e		56	12.00													
UZD	159.57	327	e(PKP)	24	22.00	1.7	BBS	162.41	349	PKP	24	22.11	-1.2												
TNS	159.58	350	ePKPc	24	22.60	2.3	LOMF	162.62	351	PKP	24	23.14	-0.4												
WET	159.61	341	iPKPc	24	23.40	3.0X	CTI	162.76	339	PKP	24	26.90	3.1X												
	Z	20s	17.00um		6.9msz		LOR	162.96	358	ePKP	24	23.50	-0.3												
GEC2	159.63	339	PKP	24	19.80	-0.7		1.5s		67.40nm															
	1.2s		13.90nm				Z	19s		5.15um															
SNF	159.71	357	PKP	24	22.10	1.7	KEK	163.18	309	ePKP	24	28.00	3.8X												
		iPKPop	25	01.31			SSF	163.18	358	ePKP	24	23.70	-0.3												
		e		45	00.30			1.4s		55.75nm															
DOU	160.11	357	PKP+	24	24.00	3.2X	LBF	163.24	357	ePKP	24	23.80	-0.3												
	Z	18s	8.20um					1.3s		48.40nm															
		PKPop	25	03.00			VLS	163.30	303	ePKP	24	27.80	3.4X												
		PP	28	42.00			AVF	163.46	359	ePKP	24	23.90	-0.4												
		e		39	31.00			1.3s		20.95nm															
NPS	160.18	291	ePKP	24	26.40	5.0X	SMF	163.59	357	ePKP	24	23.80	-0.7												
KMR	160.18	337	iPKP+	24	19.80	-1.2		1.7s		65.45nm															
		i		25	04.70		BGF	163.69	360	ePKP	24	24.30	-0.2												
		iPP	28	46.60				1.5s		49.60nm															
WLF	160.42	353	PKP	24	24.00	2.9X	VAI	163.70	345	PKP	24	27.20	2.7X												
		ed		25	03.00		TCF	163.96	1	ePKP	24	24.50	-0.4												
VAY	160.55	310	ePKP	24	20.60	-0.9		1.6s		69.65nm															
	1.3s		335.00nm				LPL	164.43	35																

22d 09h

SML 1.71 44 eP 05 00.55 -0.9
 AUE 1.79 227 eP 05 00.54 -2.1
 AUL 1.80 228 eP 05 02.72 0.0
 AUP 1.81 228 eP 05 03.26 0.3
 GLI 1.85 80 eP 05 00.88 -2.6
 PDB 1.88 246 eP 05 03.13 -0.7
 SCM 2.09 52 eP 05 05.63 -1.4
 FID 2.14 84 eP 05 04.31 -3.3
 SYI 2.15 203 eP 05 07.40 -0.4
 CDD 2.20 222 eP 05 08.13 -0.5
 VLZ 2.25 74 eP 05 07.13 -2.1
 MCNL 2.27 233 eP 05 09.05 -0.6
 SVW 2.41 284 eP 05 08.32 -3.3
 S 05 46.24
 CVA 2.50 89 eP 05 10.81 -1.9
 KLU 2.54 67 ePc 05 11.26 -2.2
 TOA 2.70 54 P 05 15.80 0.2
 TRF 2.87 5 eP 05 17.05 -1.2
 GLB 3.51 73 eP 05 24.30 -2.8
 CROM 3.78 84 eP 05 28.02 -3.1
 WAX 3.94 89 eP 05 28.48 -4.8
 BALM 4.17 80 eP 05 32.81 -3.7
 IMA 5.64 348 (P) 05 58.54 1.2
 61 obs. associated

? OCT 22, 1992 09h 20m 57.27±1.18s
 39.625 N ± 9.9km 29.464 E ± 12.0km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

ALT 0.76 138 ePg 21 12.30 0.1
 eSg 21 23.30
 YLV 0.94 356 iPn 21 16.20 0.9
 KCT 1.06 307 ePn 21 16.80 -0.4
 EYL 1.08 29 ePn 21 17.00 -0.7
 S.D. = 1.2 on 4 of 4 obs.

? OCT 22, 1992 09h 31m 47.15±1.45s
 28.865 S ± 22.5km 176.262 W ± 18.7km
 DEPTH = 10.0km (geophysicist)
 5.1mb (10 obs.)
 KERMADEC ISLANDS REGION (177)

RAO 1.50 255 iP 32 14.00 -0.1
 S 32 19.50
 THZ 15.60 212 eP 35 17.40 -11.2X
 KHZ 15.84 209 eP 35 15.60 -16.1X
 LTZ 16.69 211 eP 35 29.60 -13.0X
 DZM 17.01 290 iPd 35 55.20 8.4X
 ARMA 27.90 259 eP 37 41.40 1.9
 0.7s 13.00nm 4.8mb
 RMO 31.01 266 eP 38 08.60 1.5
 CMS 32.77 256 eP 38 22.50 0.0
 1.1s 17.00nm 4.9mb
 TOO 32.97 245 eP 38 22.30 -2.0
 0.4s 11.00nm 5.1mb
 QLP 34.93 264 eP 38 41.90 0.6
 0.4s 13.00nm 5.2mb
 ASPA 44.73 265 eP 40 02.10 -0.5
 1.3s 10.20nm 4.6mb
 WB2 45.57 270 iPc 40 08.80 -0.5
 0.6s 27.70nm 5.4mb
 WRA 45.58 270 P 40 09.10 -0.3
 1.4s 5.60nm 4.3mb
 CSY 57.20 207 eP 41 34.50 -1.9
 0.3s 20.10nm 5.6mb
 SPA 61.30 180 iPc 42 06.70 1.7
 0.7s 21.09nm 5.4mb
 MAW 74.27 200 eP 43 26.00 0.2
 1.2s 21.00nm 5.0mb
 Z 18s 40.00um 6.8MsZx
 MAT 77.87 324 eP 43 46.00 -0.6
 OBN 144.73 327 iPKPc+51 31.10 5.8X
 1.5s 175.00nm
 i 51 35.00
 i 51 43.00
 i 51 48.00
 e 52 06.00
 i 52 27.00
 NB2 147.44 353 PKP 51 39.80 10.1X
 1.2s 31.30nm
 HFS 148.01 351 ePKP 51 39.60 9.1X
 1.1s 27.40nm
 BAO 151.93 213 iPKPc 51 47.50 9.5X
 1.3s 36.00nm
 DSI 152.57 284 ePKP 51 50.60 12.3X

PRNI 152.82 281 ePKP 51 51.30 12.6X
 RMN 153.15 281 ePKP 51 52.00 12.7X
 S.D. = 1.3 on 13 of 24 obs.

% OCT 22, 1992 10h 39m 53.10±2.36s
 41.086 N ± 22.4km 28.736 E ± 8.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

ISK 0.25 95 iPg 39 58.30 0.0
 eSg 40 00.30
 YLV 0.71 137 ePg 40 07.30 0.2
 KCT 0.88 199 iPg 40 09.90 -0.2
 BNT 0.96 221 ePn 40 11.80 0.5
 EDC 0.99 222 ePn 40 11.50 -0.4
 EYL 1.20 115 ePn 40 15.00 -0.5
 GPA 1.44 123 ePn 40 19.70 0.5
 S.D. = 0.5 on 7 of 7 obs.

OCT 22, 1992 11h 07m 57.33±0.60s
 33.842 N ± 7.0km 120.288 E ± 7.4km
 DEPTH = 10.0km (geophysicist)
 4.3mb (7 obs.)
 SOUTHEASTERN CHINA (664)

NJ2 2.15 214 Pn 08 32.40 -1.3
 Pg 08 36.00
 Sg 08 08.00
 SSE 2.84 164 iPnd 08 42.00 -1.5
 Z 12s 3.60um
 E 10s 4.00um

Pg 08 47.50
 Sn 09 16.00
 Sg 09 23.50
 TIA 3.51 313 ePn 08 53.00 0.0
 Pg 09 01.40
 Sg 09 48.90

DL2 5.17 12 ePn 09 15.00 -1.5
 ePg 09 35.70
 Sg 10 41.50
 WHN 6.01 238 Pg 09 47.00 18.6X
 BJI 7.01 333 ePn 09 41.00 -1.4
 Sn 11 05.50

TIY 7.46 303 ePn 09 49.80 0.9
 N 12s 2.94um
 XAN 9.45 274 P 10 15.00 -1.5
 N 12s 2.59um
 E 12s 1.03um

MDJ 12.94 31 eP 11 09.80 5.9X
 LZH 13.67 284 eP 11 14.00 0.2
 1.5s 43.00nm 5.1mb
 Z 15s 1.21um 5.2MsZx
 N 13s 2.29um

pP 11 18.00
 sP 11 21.50
 GYA 13.89 242 P 11 17.80 1.2
 PP 11 29.80
 CD2 14.27 263 eP 11 21.20 -0.4
 MAT 14.90 75 eP 11 31.00 1.3
 GTA 17.34 295 eP 12 00.00 -1.0
 1.0s 9.00nm 3.9mb

pP 12 07.00
 sP 12 10.00
 KMI 17.56 245 Pc 12 04.00 0.1
 1.4s 50.00nm 4.5mb
 sP 12 13.50

CHG 24.22 237 eP 13 16.90 1.7
 BDT 25.25 234 eP 13 26.50 1.4
 WMO 27.12 301 P 13 40.00 -2.3
 GUN 30.03 268 P 14 09.42 0.4
 PKI 30.53 268 P 14 14.92 1.4
 KKN 30.57 268 P 14 13.58 -0.1

DMN 30.77 268 P 14 16.68 1.2
 GKN 31.03 269 P 14 14.34 -3.3X
 WRA 55.14 164 P 17 30.10 -2.1
 0.8s 0.60nm 3.7mb
 MBC 64.05 13 eP 18 34.00 1.0
 NB2 69.40 331 P 19 08.00 0.9
 0.7s 2.50nm 4.5mb

YKA 74.41 23 eP 19 38.40 1.5
 0.8s 2.50nm 4.3mb
 GEC2 74.98 319 P 19 42.90 2.4X
 0.9s 1.70nm 4.1mb
 S.D. = 1.4 on 24 of 28 obs.

? OCT 22, 1992 11h 21m 03.78±2.65s

6.959 S ± 18.9km 129.247 E ± 25.0km
 DEPTH = 162.6 ± 30.4 km
 5.0mb (3 obs.)

BANDA SEA (280)

MTN 6.14 163 eP 22 34.00 0.7
 0.3s 108.00nm 5.6mb X
 eS 23 39.00
 KNA 8.75 183 eP 23 07.90 -0.2
 0.3s 17.00nm 5.2mb
 eS 24 39.00

WB2 13.83 159 eP 24 12.00 -2.1
 0.3s 8.60nm 4.6mb
 i 24 17.50
 eS 26 38.50

OIS 16.84 144 eP 24 52.20 0.7
 ASPA 17.20 165 iPd 24 56.40 0.5
 0.4s 33.40nm 5.0mb
 eS 27 59.50

WAR8 19.28 187 eP 25 19.00 0.6
 GUN 54.36 312 P 30 16.40 -0.1
 PKI 54.53 311 P 30 17.70 0.0
 KKN 54.75 311 P 30 18.80 -0.3
 DMN 54.78 311 P 30 19.60 0.2
 GKN 55.34 311 P 30 23.40 0.1
 S.D. = 1.0 on 11 of 11 obs.

% OCT 22, 1992 11h 26m 39.46±0.51s
 42.468 N ± 4.4km 19.024 E ± 4.3km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.9 (TTG).

TTG 0.18 102 iPg 26 44.27 0.8
 iSg 26 47.77
 BDV 0.23 218 iPg 26 45.01 0.5
 iSg 26 48.90

NKY 0.35 357 iPg 26 46.90 0.3
 iSg 26 52.72
 HCY 0.39 267 iPg 26 47.41 0.0
 iSg 26 53.75

ULC 0.53 162 iPg 26 49.47 -0.7
 iSg 26 57.85
 BRY 0.56 321 iPg 26 50.66 -0.3
 iSg 26 59.49

PVY 0.71 79 iPg 26 53.27 -0.3
 iSg 27 03.94
 IVA 0.76 58 iPg 26 54.35 0.0
 iSg 27 05.40

PLE 0.90 17 iPg 26 56.62 -0.2
 iSg 27 10.50
 S.D. = 0.5 on 9 of 9 obs.

* OCT 22, 1992 11h 39m 57.94±1.36s
 30.263 S ± 11.3km 177.141 W ± 22.0km
 DEPTH = 10.0km (geophysicist)
 4.8mb (7 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)

RAO 1.21 326 iP 40 19.00 -1.5
 S 40 35.00
 URZ 9.29 209 eP 42 12.70 -2.1
 eS 43 58.70

THZ 14.01 212 eP 43 18.90 0.2
 eS 45 48.00
 KHZ 14.25 209 eP 43 18.70 -3.1X
 eS 45 51.60

LTZ 15.10 211 eP 43 31.90 -1.0X
 DZM 16.83 295 iPc 44 00.00 4.7X
 BRS 26.48 269 iPc 45 41.00 3.8X
 i 45 49.00

ARMA 26.91 262 iPc 45 45.10 3.9X
 0.7s 10.00nm 4.6mb
 RMO 30.17 269 eP 46 12.30 1.7
 0.3s 4.00nm 4.7mb

TOO 31.70 247 iPd 46 26.40 2.5X
 0.6s 190.00nm 6.2mb X
 CMS 31.71 258 eP 46 27.00 2.9X
 1.1s 6.00nm 4.4mb

OLP 34.06 266 eP 46 45.90 1.4
 0.3s 15.00nm 5.4mb
 ASPA 43.86 266 iPd 48 07.00 0.7
 0.6s 10.80nm 4.8mb
 WRA 44.83 272 P 48 13.60 -0.6
 0.4s 5.10nm 4.8mb
 CSY 55.61 208 iPd 49 37.70 2.0X
 0.5s 25.50nm 5.5mb

SPA 59.91 180 eP 50 19.00 12.7X
0.7s 7.81nm
OBN 145.47 326 ePKP 59 36.60 -0.7
1.8s 180.00nm
e 59 37.50
01 50.00
NUR 146.43 341 ePKP 59 38.00 -0.7
NB2 148.72 352 PKP 59 45.20 2.7X
0.7s 2.10nm
HFS 149.25 349 ePKP 59 44.90 1.7
0.4s 2.10nm
BCAO 150.35 213 iPKPc 59 52.30 6.0X
1.2s 14.00nm
KSP 157.12 338 ePKP 00 01.00 6.4X
e 00 24.80
e 00 37.00
S.D. = 1.5 on 10 of 22 obs.

? OCT 22, 1992 13h 25m 24.71± 4.91s
41.631 N ±35.2km 22.985 E ±12.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.4 (THE).

KNT 0.47 188 ePg 25 34.14 -0.2
eSg 25 41.34
SRS 0.69 138 ePg 25 38.10 -0.2
eSg 25 49.30
GRG 0.80 213 ePg 25 40.38 0.0
SOH 0.86 161 ePg 25 41.62 0.4
OUR 1.50 149 ePb 25 51.66 0.0
S.D. = 0.4 on 5 of 5 obs.

? OCT 22, 1992 14h 10m 47.69± 2.70s
10.624 N ±21.2km 67.408 W ±13.6km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF VENEZUELA (97)

GUAC 0.45 163 eP 10 56.90 0.0
LLAV 0.61 104 eP 10 59.60 -0.4
eS 11 09.80
CEOS 1.83 210 eP 11 19.40 -0.1
eS 11 44.10
GUAN 1.85 111 eP 11 20.40 0.5
S.D. = 0.7 on 4 of 4 obs.

? OCT 22, 1992 14h 28m 42.60± 1.58s
40.806 N ±10.2km 23.856 E ±15.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 1.9 (THE).

SRS 0.37 327 ePg 28 50.16 0.0
eSg 28 56.00
SOH 0.38 272 ePg 28 50.40 0.0
OUR 0.48 168 ePg 28 52.37 0.0
KNT 0.81 296 ePg 28 58.36 0.1
eSg 29 10.32
S.D. = 0.1 on 4 of 4 obs.

% OCT 22, 1992 15h 30m 47.18± 1.30s
42.608 N ± 5.3km 18.493 E ±11.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.8 (TTG).

HCY 0.16 179 iPg 30 50.36 -0.5
iSg 30 55.23
BRY 0.30 7 iPg 30 54.40 1.0
iSg 30 55.60
BDV 0.41 143 iPg 30 55.66 0.1
iSg 31 04.89
NKY 0.42 61 iPg 30 55.46 -0.4
iSg 31 04.79
TTG 0.59 107 iPg 30 59.70 0.5
iSg 31 12.20
ULC 0.85 139 iPg 31 03.86 0.2
iSg 31 19.90
PLE 0.98 42 iPg 31 04.28 -1.6
iSg 31 20.90
IVA 1.07 75 iPg 31 07.98 0.6
iSg 31 26.68
S.D. = 1.0 on 8 of 8 obs.

% OCT 22, 1992 15h 38m 40.07± 0.76s
61.436 N ± 6.7km 5.618 E ± 6.6km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)
MD 2.2 (BER).

FOO 0.32 301 eP 38 46.72 0.0
eS 38 54.42
HYA 0.39 134 iPc 38 47.24 -0.7
eS 38 51.97
SUE 0.56 228 eP 38 51.94 0.5
eS 38 59.13
ASK 0.98 192 eP 38 58.26 -0.4
eS 39 12.58
EGD 1.18 190 eP 39 01.92 -0.2
eS 39 17.86
MOL 1.46 38 iPd 39 05.56 -0.8
eS 39 25.18
NRA0 2.96 101 Pn 39 29.54 1.6
Pg 39 32.52
Sn 40 02.44
S.D. = 1.0 on 7 of 7 obs.

? OCT 22, 1992 15h 58m 21.84± 1.25s
69.352 N ±21.7km 17.768 E ±13.7km
DEPTH = 10.0km (geophysicist)
NORTHERN NORWAY (646)
MD 2.7 (BER).

TRO 0.50 55 eP 58 31.86 0.0
LOF 1.97 233 eP 58 55.54 0.0
eS 59 19.95
KTK1 1.98 97 eP 58 55.69 -0.1
eS 59 18.85
ARA0 2.74 83 Pn 59 06.75 0.2
Pg 59 13.75
Sg 59 43.71
S.D. = 0.2 on 4 of 4 obs.

* OCT 22, 1992 16h 07m 19.44± 1.24s
50.416 N ±15.2km 18.892 E ± 7.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.6 (WAR).

RAC 0.56 234 iP 07 30.00 -0.8
eS 07 37.00
OJC 0.61 108 iPg 07 31.60 -0.2
iSg 07 39.80
SPC 1.51 144 ePn 07 46.50 -0.2
iSg 08 04.60
Lg 08 06.00
KSP 1.71 285 ePn 07 50.50 1.1
0.9s 65.00nm
iPg 07 53.00
iS 08 16.40
VRAC 1.85 234 ePn 07 51.00 -0.5
i 07 52.00
i 07 52.50
i 07 52.60
eSg 08 15.60
ZST 2.51 208 eP 08 02.50 1.6
e 08 26.40
PSZ 2.58 165 ePn 08 06.80 4.7X
SRO 2.63 189 iP 08 08.50 5.8X
VKA 2.73 219 eP 08 10.00 5.9X
i(Sg) 08 46.50
PRU 2.83 263 eP 08 04.00 -1.5
1.4s 41.70nm
Pg 08 12.40
Sg 08 49.80
BUD 2.94 178 e(P) 08 45.00 38.0X
BRG 3.18 280 iPg 08 18.00 7.6X
iSg 09 02.00
KHC 3.68 252 eP 08 18.00 0.4
ePg 08 28.00
e 08 31.50
Sg 09 15.00
CLL 3.84 286 (Pg) 08 33.00 13.2X
eSg 09 28.00
KBA 4.96 230 iP 09 23.80 47.9X
1.0s 22.30nm
i 10 03.60
S.D. = 1.2 on 8 of 15 obs.

% OCT 22, 1992 16h 21m 08.59s
34.305 N 116.448 W
DEPTH = 0.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS), 3.0 (GS).

Felt at Landers and Pioneertown.

PEC 0.72 235 iPd 21 22.24 -0.7
PLM 1.01 200 eP 21 27.58 -1.1
SSK 1.04 265 ePn 21 28.01 -1.1
S 21 42.85
GSC 1.04 344 ePn 21 28.25 -0.8
GLA 1.84 132 ePn 21 38.98 -2.7
ISA 2.15 310 ePn 21 44.52 -1.6
ABL 2.35 284 ePn 21 47.20 -2.0
TPNV 2.64 3 (Pn) 21 52.32 -1.0
BCH 3.12 287 (Pn) 21 59.70 -0.3
TNP 3.82 351 ePg 22 21.18 11.1
MEMM 3.92 330 ePn 22 11.00 -0.2
ePg 22 21.62
BONR 3.94 338 ePn 22 11.84 0.0
ePg 22 23.00
ARUT 4.24 34 ePn 22 14.56 -1.5
13 obs. associated

? OCT 22, 1992 16h 46m 27.91± 1.91s
28.976 S ±27.6km 177.679 W ±20.0km
DEPTH = 61.2 ± 13.1 km
4.7mb (7 obs.) 4.8msz (1 obs.)
KERMADEC ISLANDS REGION (177)

RAO 0.35 217 P 46 38.50 -0.1
S 46 51.90
DZM 15.89 292 iPc 50 19.90 10.8X
RMQ 29.76 267 eP 52 34.20 3.3X
0.4s 5.00nm 4.6mb
CMS 31.54 256 eP 52 46.80 0.3
1.1s 13.00nm 4.6mb
ASPA 43.49 265 iPc 54 26.70 -0.3
0.7s 5.40nm 4.4mb
Z 20s 1.30um 4.8msz
WB2 44.33 271 iPc 54 33.20 -0.7
0.5s 16.60nm 5.1mb
WRA 44.34 271 P 54 34.20 0.2
0.8s 7.80nm 4.6mb
SPA 61.19 180 ePd 56 39.40 1.0
1.0s 6.50nm 4.7mb
BJI 92.11 315 eP 59 33.00 1.5
1.3s 20.00nm 5.4mb
OBN 144.15 326 iPKPc 05 55.00 -2.8X
1.5s 70.00nm
e 06 01.70
e 06 07.00
e 06 19.00
NB2 147.39 352 PKP 06 02.10 -1.0
1.1s 11.00nm
HFS 147.90 349 ePKP 06 04.50 0.7
0.4s 1.30nm
BCAO 151.15 215 iPKPd 06 08.50 -1.8
1.3s 16.00nm
i 06 12.50
i 06 22.30
KSP 155.75 338 ePKP 06 43.00 27.4X
e 06 54.70
KHC 158.10 340 ePKP 06 50.00 31.4X
e 07 05.50
S.D. = 1.2 on 10 of 15 obs.

OCT 22, 1992 17h 39m 00.60± 0.75s
29.755 N ± 9.9km 31.535 E ± 4.5km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.)
EGYPT (553)
MD 4.2 (HLW), 4.1 (RYD). Four
people killed and at least 50
injured in the Cairo area.

HLW 0.20 301 eP 39 04.50 -0.4
KOT 0.31 56 ePg 39 11.00 4.0X
SAGI 2.75 80 eP 39 44.90 -0.7
RMN 2.78 74 eP 39 45.50 -0.6
MBH 2.91 89 eP 39 47.40 -0.4
AOBJ 3.06 90 Pc 39 50.51 0.7
PRNI 3.06 78 eP 39 49.10 -0.8
HQL 3.10 98 iPd 39 49.40 -1.1
eS 40 44.00
JRSJ 3.25 80 Pc 39 53.36 0.8
MRSJ 3.29 90 Pd 39 54.05 0.7
NAOJ 3.46 85 Pd 39 56.46 0.7
DHLJ 3.51 71 Pd 39 56.80 0.6
BGIO 3.63 56 eP 39 57.10 -1.0
LISJ 3.71 66 Pc 39 59.60 0.4

22d 17h

HITJ	3.74	89	Pd	40	00.19	0.4
MDRJ	3.74	94	Pc	39	59.85	0.1
DSI	3.77	60	eP	39	58.90	-1.2
ZNT	3.89	50	eP	40	00.10	-1.6
			eS	40	47.40	
MKRJ	3.97	62	Pc	40	03.76	0.9
AYN	4.00	102	iPd	40	02.30	-0.9
			eS	41	04.00	
MASJ	4.10	60	Pc	40	05.07	0.3
SALJ	4.22	57	Pc	40	07.47	1.1
GHZJ	4.22	78	Pc	40	07.24	0.7
BURJ	4.42	55	Pd	40	10.18	0.8
PPCY	5.16	7	eP	40	16.50	-3.2X
			eS	41	12.90	
CSS	5.41	16	eP	40	21.30	-2.0X
			eS	41	22.60	
BHL	5.42	39	Pn	40	23.00	-0.5
			Sn	41	23.00	
ASW	5.78	168	eP	40	22.00	-6.5X
			eS	41	23.00	
ELL	7.11	349	ePn	40	42.20	-5.1X
BCK	7.73	354	iPn	40	51.20	-4.7X
CIN	8.33	341	eP	40	56.00	-8.3X
PSZ	20.24	337	eP	43	30.80	-7.8X
SPC	21.23	339	eP	43	50.60	1.6
KBA	22.32	326	iPd	44	00.30	0.4
	1.3s		41.40nm			4.7mb
			i	44	14.40	
GEC2	23.43	329	P	44	10.60	-0.1
KHC	23.70	330	eP	44	13.00	-0.2
BRG	24.88	333	e(P)	44	23.20	-1.4
GRF	25.16	328	eP	44	28.00	0.6
	Z 18s		0.10um			3.4MsZ X
CLL	25.59	332	iPd	44	31.30	0.0
	0.8s		14.00nm			4.7mb
BCAO	28.03	209	iPd	44	57.50	3.5X
	1.2s		7.00nm			4.3mb
APO	32.97	344	eP	45	28.50	-8.8X
	0.4s		0.50nm			3.8mb
GKN	46.19	78	P	47	23.80	-3.9X
KKN	46.79	79	P	47	28.62	-3.9X
GUN	47.27	78	P	47	32.70	-3.8X

S.D. = 0.8 on 31 of 44 obs.

& OCT 22, 1992 17h 51m 20.84s
 33.964 N 116.337 W
 DEPTH = 5.8km
 SOUTHERN CALIFORNIA (43)
 <PAS>P>. ML 3.4 (PAS), 3.0 (GS).

PEC	0.69	264	ePd	51	33.50	-1.1
			S	51	42.58	
PLM	0.75	216	iPd	51	34.79	-1.0
SSK	1.15	283	ePn	51	41.75	-1.2
			eS	51	57.47	
GSC	1.39	344	ePn	51	45.17	-1.7
			eS	52	05.30	
GLA	1.56	125	ePn	51	46.45	-2.7
ISA	2.44	315	ePn	51	59.78	-2.2
ABL	2.54	291	(Pn)	52	02.19	-1.4
TPNV	2.98	1	(Pn)	52	07.92	-1.8
TNP	4.17	350	(P)	52	27.76	1.1
			ePg	52	39.90	
MEMM	4.26	331	(Pn)	52	26.52	-1.1
BONR	4.29	339	(Pn)	52	28.88	0.4
ARUT	4.48	31	ePn	52	29.55	-1.5

12 obs. associated

? OCT 22, 1992 17h 55m 50.47±1.58s
 28.049 S ± 9.7km 66.632 W ± 22.8km
 DEPTH = 177.3 ± 27.8 km
 CATAMARCA PROVINCE, ARGENTINA (130)

CYA	0.84	118	iPd	56	17.10	0.0
			S	56	36.00	
SLA	3.46	17	ePd	56	45.40	0.0
RTLL	3.64	206	eP	56	47.50	0.0
TCA	3.73	152	iP	56	48.60	-0.1
			(S)	57	31.50	
MRA	4.42	170	e(P)	56	57.60	0.1

S.D. = 0.2 on 5 of 5 obs.

% OCT 22, 1992 18h 07m 25.10±1.63s
 18.249 N ± 7.7km 65.850 W ± 13.0km
 DEPTH = 10.0km (geophysicist)
 PUERTO RICO REGION (90)

LPR	0.06	342	iP	07	27.40	0.0
CPD	0.22	197	iP	07	29.90	0.1
SJG	0.32	244	iP	07	32.00	0.3
CLLP	0.71	256	iP	07	38.70	-0.4
PORP	0.77	256	iP	07	39.70	-0.5
LRS	0.95	273	iP	07	43.70	0.5

S.D. = 0.5 on 6 of 6 obs.

OCT 22, 1992 18h 25m 56.41±0.10s
 4.222 S ± 2.6km 126.155 E ± 3.4km
 DEPTH = 315.8km (4 depth phases)
 5.4mb (83 obs.)

BANDA SEA (280)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 23S, 36C

Centroid Location:

Origin Time 18:26: 2.9 0.9

Lat 4.09S 0.06 Lon 126.03E 0.05

Dep 332.1 2.1 Half-duration 1.0

Moment Tensor; Scale 10**16 Nm

Mrr=-8.74 0.49 Mtt= 8.13 0.56

Mff= 0.61 0.87 Mrt=-0.94 0.66

Mrf=-2.47 0.75 Mtf=-1.53 0.67

Principal Axes:

T Val= 8.44 Plg= 2 Azm=191

N 1.01 14 100

P -9.45 75 287

Best Double Couple:Mo=8.9*10**16

NP1:Strike=295 Dip=45 Slip=-69

NP2: 87 48 -109

MNI	5.78	347	iPc	27	28.20	4.0X
			eS	27	37.00	
KUPT	6.41	203	iPc	27	37.00	5.4X
			iS	28	06.00	
MKS	6.74	261	iPc	27	39.90	4.3X
	1.0s		588.00nm			5.5mb
MTN	9.88	150	eP	28	15.20	1.3
			eS	30	02.00	
KNA	11.74	168	iPc	28	37.70	1.0
			eS	30	46.00	
TRT	13.88	255	iPd	28	47.80	-14.8X
			iS	31	10.40	
KKM	14.23	316	ePd	29	08.50	1.6
	0.7s		103.50nm			5.3mb
			e	29	20.00	
MNDI	17.54	97	eP	29	51.50	9.0X
WRA	17.55	154	P	29	42.20	-0.2
WB2	17.55	154	iPd	29	41.50	-0.9
	0.3s		165.20nm			5.9mb
			iS	32	44.10	
MBL	17.92	200	iPc	29	46.00	-0.2
ASPA	20.73	160	iPd	30	15.20	1.2
	0.4s		284.50nm			6.0mb
			eS	33	43.10	
QIS	20.86	142	iPd	30	16.40	1.2
	0.6s		110.00nm			5.4mb
NANU	20.93	208	iPd	30	16.60	0.7
	0.4s		77.00nm			5.4mb
PMG	21.48	105	eP	30	23.00	1.7
WARB	21.84	179	eP	30	25.70	0.9
MEEK	23.43	197	iPc	30	39.00	-0.7
KGM	23.65	285	ePc	30	43.20	1.4
	1.1s		150.30nm			5.3mb
CTA	25.14	131	iPd	30	56.50	1.1
	0.8s		18.66nm			4.5mb
			e	31	55.00	
			i	37	26.00	
GUA	25.65	46	eP	31	00.20	0.1
	0.6s		80.00nm			5.3mb
GUMO	25.65	46	eP	30	59.90	-0.2
	0.9s		98.60nm			5.2mb
PJG	25.65	46	eP	30	59.50	-0.6
IPM	26.58	289	ePd	31	08.00	-0.5
	0.8s		99.50nm			5.3mb
MRWA	26.66	200	eP	31	08.00	-1.1
	0.4s		16.00nm			4.8mb
COOL	26.94	190	eP	31	11.00	-0.6
BAL	27.72	198	iPc	31	17.40	-1.1
	0.4s		20.00nm			4.9mb
SNG	27.89	294	iPd	31	21.50	1.3
	1.1s		205.06nm			5.5mb
			e	34	27.50	
OIZ	28.14	326	P	31	22.60	0.3
OLP	28.17	144	eP	31	22.60	0.1
	0.4s		28.00nm			5.1mb

			i	31	51.20	135kmX
KLB	28.35	195	iPc	31	22.80	-1.2
	0.4s		17.00nm			4.9mb
HKC	28.85	337	iP	31	29.50	1.0
MUN	29.15	198	iPc	31	29.90	-1.2
GZH	29.89	336	iPd	31	38.80	1.2
RMO	30.95	138	iPd	31	46.50	-0.4
	0.2s		14.00nm			5.1mb
			e	32	56.60	375kmX
RKG	31.37	195	eP	31	50.00	-0.4
BSI	32.30	287	eP	31	57.50	-1.1
LOE	32.30	312	iPd	31	59.50	0.9
NST	32.47	308	iPd	32	03.80	3.7X
ADE	32.73	161	eP	32	03.10	0.9
CMS	32.83	148	iPc	32	03.70	0.7
	1.0s		14.00nm			4.4mb X
KHT	33.21	305	iPd	32	12.30	5.9X
HNR	33.93	101	e(P)	32	13.00	0.4
BDT	34.26	309	iPd	32	16.00	0.8
	0.7s		240.70nm			5.8mb
BRS	34.29	135	iPc	32	14.50	-0.9
			i	32	17.00	9kmX
			i	33	45.00	
CHG	35.24	311	iPd	32	24.90	1.4
	0.9s		179.20nm			5.5mb
SSE	35.44	353	Pc	32	25.50	0.6
	1.0s		77.00nm			5.1mb
			sP	34	08.00	
			PcP	34	46.70	
ARMA	35.45	140	iPc	32	26.70	1.4
	0.7s		44.00nm			5.0mb
GYA	35.86	329	iPd	32	30.20	1.4
	1.0s		1640.00nm			6.5mb X
			PcP	34	49.40	
			S	37	40.00	
WHN	36.37	343	iPd	32	34.50	1.7
	1.0s		190.00nm			5.5mb
			iPcP	34	50.20	
BWA	36.47	148	iPd	32	36.50	2.7X
			iP	32	40.00	12kmX
KMI	36.99	323	Pd	32	40.00	1.6
	1.4s		350.00nm			5.6mb
CAN	37.47	149	eP	32	43.50	1.5
			i	32	47.30	
			iP	33	47.10	313km
			e	34	43.90	
			i	34	53.60	
TOO	37.61	154	iPd	32	44.90	1.7
	0.5s		36.00nm			5.0mb
			e	33	51.80	339kmX
			i	34	53.40	
CNB	37.65	148	iPd	32	45.30	1.7
	0.7s		45.00nm			5.0mb
CD2	40.96	330	iPd	33	11.00	0.3
	1.0s		290.00nm			5.5mb
TIA	41.10	349	Pd	33	11.30	-0.4
	1.0s		99.00nm			5.0mb
XAN	41.39	338	iPd	33	14.00	-0.1
	0.8s		130.00nm			5.2mb
MAT	42.09	15	iPd	33	19.50	-0.2
	0.9s		65.55nm			4.9mb
			eS	39	12.00	
DZM	42.86	118	iPc	33	26.70	0.4
DL2	43.12	355	eP	33	27.80	-0.1
	0.8s		210.00nm			5.4mb
			sP	35	1	

[illegible]

22d 18h

EHOR	124.54	314	iPKPc	44	20.30	0.1
EPRU	124.88	313	ePKP	44	21.20	0.3
EJIF	125.27	312	ePKP	44	21.90	0.3
JAO	127.43	16	ePKP	44	24.00	-1.3
KIC	131.07	275	PKP	44	32.94	-0.4
	0.6s	20.00nm				
		PKS	47	26.50		
TIC	131.35	275	PKP	44	33.50	-0.4
	0.5s	10.00nm				
		PKS	47	27.50		
LIC	131.36	275	PKP	44	33.58	-0.3
	0.5s	25.00nm				
		PKS	47	27.50		
MIAR	132.41	46	ePKP	44	35.78	0.5
EEO	132.42	23	ePKP	44	38.00	3.0X
FVM	132.66	40	ePKP	44	36.22	0.5
RSNY	135.91	21	ePKP	44	42.94	1.3
LMN	137.45	11	ePKPc	44	49.00	4.5X
NAV	138.85	33	ePKP	44	47.27	-0.1
		IPP	47	49.81		
PRM	140.18	38	ePKP	44	41.59	-8.3X
PRM	140.18	38	ePKP	44	50.55	0.7
JSC	140.72	37	ePKP	44	53.50	2.7X
CEH	140.82	33	ePKP	44	52.75	1.8
LHS	140.85	36	ePKP	44	53.51	2.5X
MRA	141.87	164	ePKP	44	47.20	-5.7X
TCA	143.18	165	iPKPd	44	51.90	-3.4X
SLA	149.07	159	ePKPd	45	06.10	0.9
BMA	151.62	199	ePKP	45	16.30	7.4X
		e	45	22.60		
NNA	152.03	125	iPKP	45	11.10	1.4
	1.0s	190.00nm				
VAO	152.12	194	ePKP	45	17.00	7.3X
ARE	153.04	140	ePKP	45	21.00	9.6X
PPD	153.79	185	ePKP	45	12.50	0.6
		e	45	20.00		
		e	45	34.00		
CNCB	154.86	147	PKP	45	16.30	2.1
LPB	155.02	146	PKP	45	16.00	1.8
ZOBO	155.20	146	PKP	45	16.00	1.3
	1.0s	50.50nm				
PDCR	157.84	221	ePKP	45	01.40	-15.9X
BDF	159.39	196	PKPd	45	21.00	1.8
		e	45	36.30		
		e	45	59.00		

S.D. = 0.9 on 223 of 247 obs.

OCT 22, 1992 18h 56m 39.05±0.61s
 30.101 S ± 7.3km 177.271 W ± 12.5km
 DEPTH = 10.0km (geophysicist)
 5.3mb (12 obs.) 5.2Msz (6 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 28S, 48C
 Centroid Location:
 Origin Time 18:56:47.8 0.5
 Lat 29.49S 0.05 Lon 177.11W 0.04
 Dep 18.9 2.2 Half-duration 1.5
 Moment Tensor; Scale 10¹⁷ Nm
 Mrr = 1.02 0.05 Mtt = 0.24 0.06
 Mff = -1.26 0.06 Mrt = 0.44 0.11
 Mrf = 1.75 0.25 Mtf = -0.54 0.06
 Principal Axes:
 T Val = 1.98 Plg = 62 Azm = 280
 N 0.41 3 15
 P -2.39 28 107
 Best Double Couple: Mo = 2.2 × 10¹⁷
 NP1: Strike = 204 Dip = 17 Slip = 99
 NP2: 14 73 87

RAO	1.02	326	iPc	56	58.40	0.1
		S	57	12.50		
SYA	12.55	341	eP	59	41.20	0.7
VUN	12.65	341	eP	59	40.10	-1.8
THZ	14.09	212	eP	00	00.50	-0.3
KHZ	14.34	209	eP	59	59.30	-4.7X
MOZ	15.77	208	eP	00	20.30	-2.4
DZM	16.66	295	iPc	00	39.80	5.5X
LMZ	17.30	215	eP	00	40.40	-1.7
BWZ	17.63	212	eP	00	43.40	-2.7X
ODZ	17.70	209	eP	00	45.30	-1.7
BKM	18.10	310	iPc	00	55.50	3.2X
BRS	26.37	268	iPc	02	21.00	3.7X
ARMA	26.83	261	eP	02	25.00	3.4X
	0.8s	25.00nm				
CAN	28.77	251	eP	02	44.50	5.5X

BWA	29.25	252	eP	02	44.80	1.4
RMO	30.07	268	eP	02	53.00	2.2
	0.6s	22.00nm				
CMS	31.64	258	eP	03	06.50	2.0
	1.2s	31.00nm				
TOO	31.66	246	eP	03	06.00	1.3
	0.6s	14.00nm				
CTA	34.38	278	iPc	03	29.80	1.3
ASPA	43.76	266	iPc	04	45.90	-0.7
	0.6s	9.60nm				
Z	20s	9.40um				
		eS	11	14.50		
WRA	44.72	271	P	04	53.80	-0.6
	0.6s	13.80nm				
CSY	55.70	208	eP	06	18.60	1.1
	0.5s	35.10nm				
GUMO	56.72	314	eP	06	17.70	-7.7X
	1.8s	195.50nm				
SPA	60.07	180	iPc	06	50.80	2.3
	1.1s	31.55nm				
Z	19s	1.69um				
MAT	78.36	325	eP	08	38.00	-3.1X
		eS	19	15.00		
SSE	84.39	311	Pc	09	10.00	-2.9X
Z	20s	0.90um				
MDZ	87.75	127	i(P)	09	30.80	1.1
MDJ	88.74	325	eP	09	33.00	-0.9
	1.5s	46.00nm				
SNY	89.97	320	Pd	09	39.30	-0.4
TIA	90.23	313	eP	09	40.60	-0.5
CN2	90.29	322	eP	09	39.00	-2.1
	1.0s	42.00nm				
BJI	93.15	315	eP	09	54.50	0.1
	1.3s	20.00nm				
Z	20s	0.60um				
TIY	94.14	312	eP	09	59.50	0.4
ZOBO	97.69	114	P	10	18.00	1.5
Z	18s	0.24um				
		LR	23	12.00		
TAB	143.30	294	ePKP	16	11.00	-4.5X
KAF	144.47	341	iPKP	16	11.90	-4.6X
	0.3s	1.50nm				
OBN	145.28	326	ePKP	16	15.80	-2.3
	1.4s	114.00nm				
Z	20s	0.60um				
E	20s	0.40um				
		e	16	18.20		
		e	16	23.00		
		e	16	50.00		
		i	17	09.00		
		ePP	19	36.00		
		ePKS	20	12.00		
NUR	146.25	341	iPKP	16	17.70	-1.8
NB2	148.55	352	PKP	16	24.10	0.8
	0.6s	7.00nm				
UPP	148.59	346	iPKP	16	24.00	0.7
HFS	149.07	349	ePKP	16	24.00	-0.1
	0.8s	4.70nm				
Z	18s	102.00um				
		LR	11	32.00		
BCAO	150.42	213	iPKPd	16	32.50	4.9X
	1.2s	42.00nm				
		i	16	33.50		
		i	16	40.70		
HR1	151.80	285	ePKP	16	35.10	5.9X
BHL	151.89	286	PKP	16	34.00	4.7X
GVMR	152.07	284	ePKP	16	35.40	6.0X
ADI	152.22	285	ePKP	16	36.10	6.4X
CS5	153.80	289	ePKP	16	47.60	15.7X
SPC	156.75	330	ePKP	16	18.50	-17.1X
		e	16	36.20		
KSP	156.93	338	ePKP	16	43.00	7.5X
		e	17	05.00		
KHC	159.28	340	ePKP	16	38.50	0.2
		e	17	15.00		
		e	17	25.00		
GEC2	159.49	339	PKP	16	55.60	17.0X
	0.7s	0.54nm				
SKO	160.83	313	ePKP	16	36.00	-4.1X
	1.2s	59.00nm				
		i	17	23.70		

S.D. = 1.4 on 30 of 52 obs.

OCT 22, 1992 19h 07m 09.33±0.48s
 37.881 N ± 4.6km 20.925 E ± 3.5km
 DEPTH = 10.0km (geophysicist)
 4.5mb (13 obs.)

IONIAN SEA (399)
 ML 4.1 (ATH), 4.0 (THE), 3.9 (TIR).

VLS	0.40	318	ePg	07	18.40	0.9
AGG	1.59	44	ePb	07	37.68	0.1
			eSb	08	01.36	
VLI	1.98	125	ePb	07	45.70	2.5
KEK	2.03	335	ePb	07	46.10	2.1
SRN	2.12	340	iPnc	07	47.30	2.0
			iSn	08	15.90	
ATH	2.21	87	ePn	07	46.70	0.1
LSK	2.28	354	iPnc	07	49.50	1.8
			iSn	08	21.00	
KZN	2.51	15	ePn	07	52.20	1.3
TPE	2.51	344	iPnc	07	51.00	0.1
			iSn	08	28.50	
LIT	2.53	28	ePn	07	51.72	0.6
			eSn	08	25.30	
VLO	2.81	337	ePn	07	55.70	0.6
BERA	2.92	345	iPnd	07	57.90	1.3
			iSn	08	38.20	
FNA	2.92	7	iPn	07	57.78	1.1
			eSn	08	36.60	
PAIG	2.97	46	ePn	07	57.16	-0.1
THE	3.17	29	ePnc	08	00.80	0.6
GRG	3.28	20	ePn	08	01.72	-0.1
			eSn	08	43.10	
SOH	3.49	32	ePn	08	05.24	0.5
TIR	3.56	347	iPnd	08	06.50	0.8
			iSn	08	54.00	
KNT	3.61	24	ePnd	08	07.00	0.5
			eSn	08	51.96	
VAY	3.66	20	iPn	08	07.30	0.1
PHP	3.82	355	ePn	08	09.80	0.4
			iSn	09	01.00	
SRS	3.83	32	ePnd	08	09.76	0.1
SOI	3.85	274	P	08	10.60	0.7
LACI	3.87	346	iPnd	08	10.50	0.4
			iSn	09	02.00	
TDS	4.00	298	P	08	14.60	2.6X
SKO	4.11	5	iPn	08	13.30	-0.1
			iPb	08	22.40	
			iSn	08	58.00	
BRT	4.16	317	P	08	15.10	0.9
KKS	4.21	355	ePn	08	15.60	0.7
ULC	4.28	343	iPnc	08	15.62	-0.3
			iSn	09	02.58	
SDA	4.31	346	ePn	08	17.70	1.4
ATN	4.32	275	P	08	17.30	0.7
			eSn	09	08.90	
NPS	4.59	123	ePn	08	22.90	2.5X
BDV	4.68	341	iPnd	08	20.82	-0.9
			iSn	09	11.35	
TTG	4.72	345	iPnc	08	21.47	-0.7
			iSn	09	14.77	
PVY	4.76	352	iPnc	08	24.67	1.7
			iSn	09	17.85	
MEU	4.83	263	P	08	23.10	-0.8
			eSn	09	21.40	
HCY	4.93	339	iPnd	08	23.79	-1.3
			iSn	09	17.20	
MNO	4.93	272	P	08	26.00	0.6
IVA	5.05	351	iPnd	08	27.32	0.4
			iSn	09	24.52	
NKY	5.14	344	iPnd	08	27.43	-0.8
			iSn	09	24.52	
BRY	5.33	341	iPnd	08	29.48	-1.5
			iSn	09	26.95	
PLE	5.57	348	iPnc	08	34.14	-0.2
			iSn	09	35.08	
DUI	6.25	309	P	08	45.30	1.4
HVAR	6.29	329	iPnd	08	41.80	-2.6X
			iSn	09	50.70	
SDI	6.67	307	P	08	50.00	0.1
AQU	7.29	310	P	08	59.50	1.0
MNS	7.75	308	P	09	04.20	-0.7
GYN	8.01	69	eP	09	08.00	-0.6
ASS	8.15	312	P	09	12.00	1.4
ARV	8.26	315	P	09	11.20	-0.8
MLR	8.48	25	eP	09	20.00	4.8X
VBY	8.71	333	ePd	09	16.20	-2.1
ZAG	8.74	337	eP	09	17.00	-1.6
PTJ	8.83	337	iPd	09	16.60	-3.3X
UZD	8.88	349	e(P)	09	20.00	-0.5
SGKT	9.05	69	eP	09	22.00	-1.1
VRI	9.08	27	ePc	09	23.50	0.2

DVR 9.17 66 eP 09 23.00 -1.7
 CEY 9.23 330 eP 09 23.40 -2.0
 eS 11 07.00
 LJU 9.44 332 eP 09 27.40 -0.9
 eS 11 12.50
 TRI 9.47 328 e(Pn) 09 29.40 0.7
 e 09 58.70
 e(Sn) 10 34.00
 e 11 10.30
 VOY 9.68 330 eP 09 29.10 -2.6X
 eS 11 18.30
 RBL 10.14 330 P 09 35.80 -2.2
 FVI 10.59 328 P 09 41.50 -2.5X
 CTI 10.68 323 P 09 43.40 -2.1
 KBA 10.76 331 iPc 09 44.40 -2.1
 i 10 03.80
 i 11 39.20
 iS 11 45.10
 BHG 11.47 332 eP 09 54.40 -1.6
 WTTA 11.60 327 iPc 09 57.30 -0.8
 iS 12 05.20
 KHC 12.44 337 eP 10 06.00 -3.2X
 e 10 21.50
 e 12 23.00
 PRU 12.94 341 eP 09 56.00 -19.8X
 N 13s 0.20um
 E 13s 0.50um
 e 10 14.00
 e 11 20.00
 LPG 13.03 310 eP 10 23.60 6.2X
 0.8s 6.05nm 4.8mb
 GRF 13.71 333 ePKP 10 35.50 9.4X
 Z 21s 0.40um
 BSF 14.34 318 eP 10 35.90 1.5
 0.8s 9.40nm 4.5mb
 CDF 14.47 321 eP 10 36.50 0.4
 0.9s 4.90nm 4.1mb
 CLL 14.55 340 iPd 10 44.30 7.3X
 1.1s 14.00nm 4.5mb
 HAU 14.68 318 eP 10 39.80 1.0
 0.8s 16.50nm 4.6mb
 DOU 16.90 321 P 11 11.50 4.2X
 0.9s 20.00nm 4.2mb
 OBN 20.24 27 eP 11 44.00 -3.2X
 1.1s 27.00nm 4.5mb
 e 11 52.00
 e 11 55.00
 HFS 22.74 351 eP 12 10.30 -2.2
 0.5s 7.40nm 4.4mb
 NUR 22.77 5 iP 12 10.20 -2.5X
 0.5s 6.80nm 4.4mb
 EKA 23.85 325 Pd 12 23.80 0.5
 0.8s 10.90nm 4.5mb
 NB2 23.97 348 P 12 23.70 -0.8
 0.8s 11.20nm 4.5mb
 KAF 24.49 6 iP 12 27.60 -1.8
 0.5s 5.80nm 4.5mb
 BCAO 33.36 184 iPd 13 49.00 -0.8
 0.8s 16.00nm 5.0mb
 i 13 53.20
 KIC 39.09 223 P 14 38.80 0.4
 LIC 39.36 223 P 14 40.00 -0.6
 DMN 54.01 81 P 16 31.90 -4.3X
 KKN 54.06 81 P 16 32.22 -4.3X
 PKI 54.26 81 P 16 33.46 -4.7X
 GUN 54.47 80 P 16 36.24 -3.5X
 S.D. = 1.2 on 71 of 90 obs.

* OCT 22, 1992 20h 00m 13.56 ± 0.92s
 28.318 S ± 13.3km 177.488 W ± 16.9km
 DEPTH = 10.0km (geophysicist)
 5.0mb (7 obs.) 5.0Msz (1 obs.)
 KERMADEC ISLANDS REGION (177)

RAO 1.00 202 iPc 00 32.60 0.0
 S 00 50.00
 DZM 15.81 290 iPc 04 12.00 14.0X
 BRS 26.28 265 iPd 05 52.00 1.0
 i 06 05.00
 ARMA 26.96 258 eP 06 02.00 4.7X
 CMS 31.86 255 eP 06 41.20 0.2
 0.8s 4.00nm 4.4mb
 TOO 32.24 244 eP 06 42.00 -2.3
 0.3s 7.00nm 5.1mb
 ASPA 43.71 265 eP 08 20.20 -0.5
 0.6s 6.40nm 4.6mb
 Z 19s 1.90um 5.0Msz

WB2 44.50 270 iPc 08 27.40 0.3
 0.5s 21.60nm 5.3mb
 WRA 44.51 270 P 08 28.50 1.3
 0.7s 6.40nm 4.6mb
 CSY 57.19 207 eP 09 53.50 -9.2X
 0.5s 27.40nm 5.5mb
 SPA 61.84 180 eP 10 36.00 0.9
 0.9s 17.73nm 5.2mb
 MAT 76.80 325 eP 12 12.00 4.9X
 KAF 142.73 342 iPKP 19 48.00 -0.1
 0.5s 1.90nm
 DBN 145.69 327 ePKP 19 48.00 -1.9
 1.8s 72.00nm
 Z 24s 0.60um 5.3MszX
 N 22s 0.60um
 NUR 144.50 341 iPKP 19 51.70 0.5
 0.4s 9.90nm
 NB2 146.76 352 PKP 19 55.60 0.6
 0.8s 4.50nm
 HFS 147.29 350 ePKP 19 58.40 2.6X
 0.5s 2.40nm
 BCAO 151.78 216 iPKPc 20 06.50 2.3X
 1.2s 14.00nm
 S.D. = 1.2 on 12 of 18 obs.

? OCT 22, 1992 20h 27m 19.08 ± 1.09s
 29.203 S ± 22.9km 176.788 W ± 14.9km
 DEPTH = 33.0km (normal)
 4.9mb (6 obs.) 4.9Msz (1 obs.)
 KERMADEC ISLANDS REGION (177)

RAO 0.99 267 P 27 38.20 1.6
 S 27 50.80
 DZM 16.70 291 iPd 31 19.80 7.6X
 ARMA 27.39 260 eP 33 06.40 2.8X
 1.1s 20.00nm 4.7mb
 CMS 32.24 256 eP 33 46.50 -0.2
 TOO 32.41 245 eP 33 48.00 -0.1
 ASPA 44.24 265 iPd 35 26.80 -0.5
 0.7s 5.00nm 4.4mb
 Z 20s 1.50um 4.9Msz
 WB2 45.11 270 eP 35 33.10 -1.2
 0.6s 19.30nm 5.2mb
 WRA 45.12 270 P 35 34.20 -0.2
 0.7s 7.20nm 4.7mb
 CSY 56.69 208 eP 37 00.00 -1.3
 0.5s 18.40nm 5.4mb
 SPA 60.96 180 iPd 37 32.60 1.4
 0.7s 8.20nm 5.0mb
 KAF 143.76 342 ePKP 46 52.00 0.3
 DBN 144.76 327 ePKP 46 54.00 0.4
 2.0s 96.00nm
 e 46 56.00
 i 47 08.00
 NUR 145.54 341 ePKP 46 59.10 4.3X
 NB2 147.72 353 PKP 47 03.80 5.4X
 0.9s 4.00nm
 HFS 148.27 350 ePKP 47 05.10 5.9X
 0.4s 2.00nm
 BCAO 151.40 213 iPKPd 47 13.50 8.1X
 1.0s 10.00nm
 S.D. = 1.1 on 10 of 16 obs.

% OCT 22, 1992 22h 55m 28.92 ± 0.94s
 16.595 N ± 9.1km 61.463 W ± 10.2km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 2.7 (FDF).

DEG 0.48 126 eP 55 39.50 0.2
 DOG 0.58 195 eP 55 40.30 -0.4
 BPA 0.59 320 eP 55 40.60 -0.2
 PAG 0.60 200 eP 55 41.48 0.5
 S 55 52.30
 MGG 0.69 168 eP 55 41.80 -0.3
 MGH 0.73 280 eP 55 43.00 0.2
 S.D. = 0.5 on 6 of 6 obs.

OCT 22, 1992 23h 08m 27.18 ± 0.14s
 30.125 S ± 4.0km 177.000 W ± 4.0km
 DEPTH = 15.7km (geophysicist)
 5.7mb (62 obs.) 6.4Msz (61 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (17B)
 Ms 6.5 (BRK). Mo=7.9*10**18 Nm
 (PPT). Depth from broadband

displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike= 20 Dip=76 Slip= 90
 NP2: 200 14 90
 Principal Axes:
 T P1g=59 Azm=290
 P 31 110
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sta: 11 Focal mech. M
 Energy 2.0 ± 0.5 * 10 ** 13 Nm
 MOMENT TENSOR SOLUTION
 Dep 6 No. of sta: 23
 Moment Tensor; Scale 10**18 Nm
 Mrr= 3.13 Mtt=-0.82
 Mff=-2.31 Mrt= 2.03
 Mrf= 5.22 Mtf=-1.65
 Principal axes:
 T Val= 6.41 P1g=59 Azm=285
 N 0.14 6 24
 P -6.55 30 117
 Best Double Couple: Mo=6.5*10**18
 NP1: Strike=224 Dip=16 Slip= 111
 NP2: 23 75 84
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 39S, **C M.W.: 32S, 51C
 Centroid Location:
 Origin Time 23:08:36.0 0.1
 Lat 29.59S 0.01 Lon 176.61W 0.01
 Dep 15.0 FIX Half-duration 4.0
 Moment Tensor; Scale 10**18 Nm
 Mrr= 3.20 0.02 Mtt=-0.09 0.03
 Mff=-3.11 0.03 Mrt= 0.37 0.08
 Mrf= 3.61 0.09 Mtf=-1.35 0.02
 Principal Axes:
 T Val= 4.85 P1g=65 Azm=264
 N 0.28 9 13
 P -5.13 23 107
 Best Double Couple: Mo=5.0*10**18
 NP1: Strike=214 Dip=23 Slip= 113
 NP2: 9 69 81
 RAO 1.18 317 Pc 08 48.50 -0.3
 WCZ 9.29 229 eP 10 48.50 5.1X
 NOZ 9.41 204 eP 10 44.10 -0.9
 OUZ 9.41 235 eP 10 49.70 4.6X
 URZ 9.46 209 eP 10 44.90 -0.9
 eS 12 34.00
 MOZ 10.76 217 eP 11 08.10 4.6X
 MNG 12.13 208 eP 11 16.40 -5.8X
 eS 13 34.00
 SVA 12.65 340 eP 11 26.00 -3.2X
 VUN 12.75 340 iPc 11 25.00 -5.6X
 MBU 13.66 342 eP 11 45.20 2.5X
 THZ 14.19 212 eP 11 48.60 -0.9
 eS 14 28.70
 KHZ 14.43 209 eP 11 48.10 -4.5X
 DSZ 14.71 215 eP 11 55.90 -0.4
 LTZ 15.28 211 eP 12 02.60 -1.2
 MOZ 15.86 208 eP 12 09.60 -1.6
 eS 15 01.10
 AFI 16.84 18 eP 12 12.00 -12.0X
 eS 15 28.00
 DZM 16.88 294 iPd 12 28.50 4.1X
 LMZ 17.42 215 eP 12 29.40 -1.5
 BWZ 17.73 212 eP 12 34.20 -0.6
 ODZ 17.79 210 eP 12 38.00 2.4
 RAR 17.87 64 P 12 28.00 -8.7X
 S 15 31.00
 PVC 18.20 309 iPd 12 42.50 1.7
 BKM 18.30 309 iPd 12 43.20 1.1
 LRCZ 18.38 212 eP 12 41.40 -1.7
 LSCZ 18.41 212 eP 12 41.60 -1.7
 MMCZ 18.44 213 eP 12 41.00 -2.7X
 CMCZ 18.48 212 eP 12 43.30 -0.9
 TLC 18.61 212 eP 12 45.40 -0.4
 TUZ 18.95 210 eP 12 51.10 1.4
 BRS 26.60 268 iPc- 14 08.00 1.3
 i 14 14.50
 i 14 22.00
 i 14 55.00
 eS 19 00.00

22d 23h

ARMA	27.05	261	eP	14	15.30	4.4X		0.5s	23.00nm	5.5mb		N	16s	16.00um					
	0.7s	149.00nm			5.8mb		MRWA	57.43	253 iPc	18	16.60	-0.9	E	16s	41.00um				
RIV	27.20	254	eP	14	23.00	11.0X		0.6s	15.00nm	5.2mb		ABL	84.50	44 eP	21	01.12	0.3		
Z	19s	5.76um			5.2MszX		KUPT	58.55	277 e(P)	18	22.00	-3.6X	STAN	84.52	41 ePd	21	03.33	2.8X	
	eS			20	00.00		SPA	60.04	180 iPc	18	39.80	4.3X	SSE	84.58	311 iPc	20	59.80	-1.2	
AFR	27.79	69	eP	14	15.00	-2.5		0.9s	140.91nm	6.1mb			1.0s	27.00nm		5.4mb			
	1.4s	150.00nm			5.5mb		Z	19s	34.32um	6.5Msz		Z	20s	7.10um		6.0Msz			
PAE	27.89	70	eP	14	15.00	-3.4X		60.04	180 iPc	18	38.80	3.3X	N	20s	5.50um				
	1.4s	260.00nm			5.8mb			1.0s	28.50nm	5.4mb		E	20s	7.60um					
PPT	27.94	70	eP	14	16.00	-2.9X		e	48	15.00				epPd	21	04.93	16kmX		
	1.4s	320.00nm			5.9mb		NANU	60.18	260 eP	18	35.70	-1.0		esPd	21	06.84			
PPN	28.08	70	eP	14	15.00	-5.1X		0.5s	32.00nm	5.7mb				S	31	18.00			
	1.4s	145.00nm			5.6mb		TRT	69.20	273 ePc	19	17.60	-18.0X	MHC	84.78	41 ePd	21	04.93	2.9X	
TVO	28.10	70	eP	14	16.00	-4.4X		TSM	70.96	287 ePd	19	45.90	-0.3		3.0s	1650.00nm		6.7mb X	
	1.4s	250.00nm			5.8mb		AIA	71.82	156 e(P)	20	01.00	10.4X	Z	16s	57.00um		7.1MszX		
CNB	28.68	251	iPc	14	28.40	2.9X		MAW	72.87	200 iPc	19	59.60	2.9X	N	16s	42.00um			
	0.8s	99.00nm			5.6mb			1.0s	100.00nm	5.8mb		E	16s	43.00um					
CAN	28.98	251	eP	14	31.30	3.1X		Z	14s	14.00um	6.4MszX	8KS	84.82	40 ePd	21	04.93	2.9X		
	i	14	34.60				KKM	73.30	287 eP	20	01.00	0.8		2.0s	850.00nm		6.6mb		
	iP	14	38.30	24kmX			CVP	75.69	300 eP	20	13.00	-0.8	Z	16s	48.00um		7.0MszX		
	i	14	55.80				KAKJ	77.28	326 P	20	20.50	-1.8	N	17s	41.00um				
BWA	29.46	253	eP	14	33.00	0.4		CHJJ	77.73	325 P	20	23.30	-1.5	E	16s	28.00um			
	i	14	33.00				IIDJ	77.84	324 P	20	30.00	4.5X			iS	31	32.00		
	i	14	36.80				WKYJ	78.09	321 P	20	27.70	0.8			iSS	37	04.00		
	i	14	48.00				MAT	78.51	325 eP	20	26.00	-3.2X			eLQ	43	33.00		
PMO	30.68	67	eP	14	41.00	-2.4		1.6s	173.33nm	5.9mb				eLR	46	37.00			
	1.1s	75.00nm			5.5mb		Z	20s	9.93um	6.1Msz				e	49	03.00			
VAH	30.77	68	eP	14	42.00	-2.1		eS	30	17.00				e	50	35.00			
	1.1s	115.00nm			5.6mb		KAGJ	78.54	316 P	20	29.30	-0.1	ARN	84.85	41 eP	21	02.44	0.2	
TPT	30.92	67	eP	14	43.00	-2.5		MTMJ	78.75	324 P	20	29.10	-1.5	YSS	84.95	334 iPc	21	01.82	-0.6
	1.1s	110.00nm			5.6mb		TKSJ	78.76	320 eP	20	30.50	0.0		9.0s	5.00nm		3.7mb X		
RUV	30.99	68	eP	14	43.00	-3.1X		OFUJ	78.88	328 P	20	29.70	-1.4	Z	18s	11.80um		6.3Msz	
	1.1s	115.00nm			5.7mb		TSRJ	78.88	323 P	20	27.30	-3.9X	N	18s	11.80um				
CMS	31.86	258	eP	14	55.00	1.3		YAMJ	78.91	327 eP	20	30.90	-0.4	E	18s	5.60um			
	0.9s	147.00nm			5.9mb		NVL	79.20	183 eP	20	34.00	1.7			ec	21	03.15		
TOO	31.87	246	iPd	14	55.60	1.9		1.4s	99.00nm	5.6mb				epPd	21	06.62	15kmX		
	0.5s	47.00nm			5.7mb		Z	16s	20.00um	6.5MszX			esPd	21	09.11				
QLP	34.19	266	eP	15	15.60	1.6		N	16s	11.00um				e	21	15.00			
	0.4s	86.00nm			6.0mb		E	16s	3.00um					iS	31	25.00			
BFD	34.21	247	iPd	15	16.00	2.0		e	20	50.00				ePS	32	12.00			
	1.2s	67.00nm			5.4mb			e	21	21.00				ePPS	32	37.00			
CTA	34.61	278	iPc+	15	18.50	0.8		e	22	05.00		PLM	84.96	47 eP	21	03.47	0.3		
	i	15	32.00					ePP	23	22.00		PEC	85.13	46 eP	21	02.27	-1.5		
	i	16	04.00				KUMJ	79.54	317 P	20	34.50	-0.3		1.4s	25.90nm		5.3mb		
ADE	37.42	251	eP+	15	42.20	0.8	SNA	79.78	178 iPc	20	39.80	4.3X	GZH	85.26	300 P	21	05.00	0.5	
RAB	38.90	306	eP	15	48.00	-5.9X		1.0s	200.00nm	6.1mb		N	17s	2.39um					
OIS	40.16	273	eP	16	04.60	0.3		SHK	79.93	320 ePc	20	37.40	0.5	E	17s	4.00um			
	0.2s	2.00nm			4.5mb X		YONJ	79.98	321 eP	20	36.00	-1.1			S	31	32.00		
ASPA	43.99	266	eP	16	35.60	-0.1	TATO	80.48	306 ePc	20	37.35	-2.6X	IPM	85.36	278 ePd	21	04.50	-0.8	
	1.1s	38.70nm			5.1mb			epPd	20	42.64	17kmX	PFO	85.39	47 ePc	21	05.59	0.4		
Z	20s	248.40um			7.1Msz			esPd	20	44.55				ed	21	09.56			
DRV	44.73	203	eP	16	46.10	5.1X	SHNJ	80.52	319 eP	20	39.70	-0.3	PET	85.47	346 iP+	21	04.00	-0.9	
	PP	18	46.00				ERM	80.63	331 ePc	20	40.00	-0.4	Z	20s	12.50um		6.3Msz		
	S	23	22.00					epPd	20	45.21	17kmX	N	20s	11.00um					
	SS	26	43.00					ed	20	46.54		E	20s	7.50um					
WB2	44.94	271	iPc	16	42.40	-1.0	HOIJ	80.88	331 eP	20	43.20	1.5	ISA	85.50	44 eP+	21	04.36	-1.2	
	0.6s	161.20nm			6.1mb		PAF	80.89	218 iP	20	48.00	6.2X		0.9s	22.74nm		5.4mb		
	iS	22	09.40					eS	30	42.00		Z	18s	11.68um		6.3Msz			
WRA	44.95	271	P	16	42.50	-1.0		eSS	35	36.00				S	31	33.91			
	0.7s	63.30nm			5.7mb			eSSS	38	57.00		QIZ	85.66	295 Pc	21	07.00	0.4		
SBA	48.38	185	iPc	17	18.00	8.3X		e	43	12.00				S	24	27.50			
WARB	49.42	260	eP	17	17.00	-1.5	KUSJ	80.90	333 eP	20	42.10	0.3	N	19s	7.78um				
KNA	51.51	273	eP	17	32.80	-1.7	KUR	81.53	336 eP	20	48.00	3.0X			PP	31	35.00		
COOL	52.67	252	eP	17	42.00	-1.1		1.0s	380.00nm	6.4mb		FHC	85.95	37 (P)	21	08.56	0.9		
	1.0s	83.00nm			5.6mb		Z	18s	20.70um	6.5Msz			1.1s	97.11nm		5.9mb			
MHA	53.99	25	eP	17	49.99	-2.6X	N	18s	29.50um			ARC	85.96	37 ePd	21	06.67	-0.9		
HON	54.32	22	P-	18	05.21	10.1X	E	18s	14.50um				1.7s	690.00nm		6.6mb			
Z	19s	18.29um			6.2Msz			iS	30	55.00			Z	17s	26.00um		6.7MszX		
	S	25	33.87				ADK	81.65	0 eP	20	43.28	-2.2	N	18s	25.00um				
KLB	55.25	251	eP	18	00.70	-1.3		1.0s	110.63nm	5.9mb		E	17s	35.00um					
	0.6s	38.00nm			5.6mb		MRRJ	81.86	330 eP	20	46.10	-0.7			S	31	49.44		
CSY	55.79	208	ePd	18	07.90	2.6X	KGM	82.09	277 eP	20	48.00	-0.7	CMB	85.98	41 ePd	21	10.27	2.3	
	0.7s	140.20nm			6.1mb		SAP	82.26	331 eP	20	47.00	-1.8		1.8s	300.00nm		6.2mb		
MEEK	56.09	257	eP	18	06.50	-1.6	QZH	82.51	304 Pc										

[illegible]

[illegible]

GRF	159.49	345	ePKPc	28 26.70	1.1	LSF	163.86	4	ePKP	28 30.90	0.8	WCZ	9.29	227	eP	47 19.00	10.1X
Z	21s	6.00um			6.4Msz		1.6s	36.70nm				THZ	14.27	211	eP	48 14.60	-1.4
			e	29 04.10		LPL	164.36	350	ePKP	28 31.70	0.8	KHZ	14.52	208	eP	48 11.80	-7.4X
			e	29 16.40			1.6s	31.10nm				DZM	16.62	294	iPc	48 50.90	4.5X
TNS	159.51	350	ePKPc	28 34.00	8.3X	LPG	164.37	350	ePKP	28 31.80	0.8	ODZ	17.88	209	eP	49 00.90	-1.1
GEC2	159.60	339	PKP	28 25.40	-0.5		1.7s	44.85nm				BRS	26.41	268	iP	50 34.50	4.6X
	1.0s	2.83nm				ARV	164.48	332	PKP	28 32.40	1.6	ARMA	26.90	261	eP	50 39.00	4.7X
SNF	159.61	358	PKP	28 26.70	1.0	SFI	164.54	335	PKP	28 33.00	2.2		0.6s	13.00nm			4.7mb
DOU	160.02	357	PKP	28 26.00	-0.1	FIR	164.87	337	ePKP	28 30.00	-1.1	CMS	31.72	258	eP	51 19.20	1.9
Z	18s	5.80um				CAF	165.21	3	ePKP	28 32.80	1.4		1.0s	16.00nm			4.8mb
			PKPob	29 05.00			1.5s	37.60nm				TOO	31.77	246	iPd	51 19.00	1.2
KMR	160.16	338	iPKP+	28 25.60	-0.8	MNS	165.50	330	PKP	28 32.00	0.3		0.5s	13.00nm			5.1mb
			e	31 19.00		SOI	166.60	310	PKP	28 35.00	2.3	CTA	34.39	278	iPc	51 41.00	0.3
WLF	160.34	354	PKP	28 30.00	3.6X	EPLA	167.61	34	ePKP	28 37.00	3.6X		1.0s	12.50nm			4.8mb
			i	29 08.00		GUD	168.00	27	ePKP	28 29.90	-3.9X	ASPA	43.81	266	eP	52 59.80	0.7
VAY	160.62	310	ePKP	28 35.50	8.5X	ETOR	168.56	20	ePKP	28 30.20	-3.9X		0.6s	10.90nm			4.8mb
	1.0s	160.00nm				VAL	169.01	45	ePKP	28 28.00	-6.3X	WB2	44.74	271	iPd	53 05.20	-1.4
LANF	160.82	350	PKP	28 24.24	-2.8X	EHOR	169.72	40	ePKP	28 31.20	-3.5X		0.8s	30.90nm			5.2mb
HOFF	160.83	350	PKP	28 23.79	-3.2X	ECHE	170.01	18	ePKP	28 33.00	-1.9	WRA	44.75	271	P	53 05.90	-0.8
SRBF	160.87	350	PKP	28 24.18	-2.8	EBAN	170.21	33	iPKP	28 31.70	-3.4X		0.7s	12.40nm			4.9mb
FUR	160.90	343	ePKP	28 26.40	-0.7	EPRU	170.32	43	ePKP	28 31.00	-4.2X	CSY	55.89	208	eP	54 30.60	-0.2
Z	17s	6.00um			6.9MszX	EVIA	170.37	27	ePKP	28 32.50	-2.7X		0.5s	38.10nm			5.7mb
SKO	161.02	314	iPKP	28 28.00	0.6	EJIF	170.51	46	ePKP	28 28.80	-6.4X	SPA	60.25	180	ePc	55 03.10	1.4
	1.4s	283.00nm				AVE	170.58	68	ePKP	28 33.20	-2.2		1.0s	26.00nm			5.3mb
Z	20s	12.48um										CGP	67.57	295	eP	55 50.00	0.0
				29 11.00		MAL	170.96	41	iPKP	28 38.00	2.6X	MAW	73.00	200	eP	56 23.00	0.8
				32 45.00									1.0s	16.00nm			5.0mb
				36 47.00								MDJ	88.61	325	eP	57 44.60	-0.4

23d 00h

1.2s 18.90nm
BCAO 151.52 216 iPKPc 16 06.50 -0.4
.1.1s 11.00nm
KHC 157.55 340 ePKP 16 19.00 5.0X
e 16 45.50
S.D. = 1.0 on 7 of 12 obs.

OCT 23, 1992 00h 24m 40.31 ± 0.73s
31.700 S ± 9.7km 68.014 W ± 5.8km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.21 296 ePd 24 46.00 1.0
RTLL 0.54 313 iPc 24 51.00 -0.2
ZON 0.59 285 iPd 24 51.20 -1.0
RTCB 0.70 287 iPd 24 53.70 -0.6
S 25 03.20
MDZ 1.38 211 i(P) 25 06.40 0.8
RTPR 1.90 43 ePd 25 14.30 1.3
MRA 2.08 111 ePd 25 15.60 -0.1
TCA 2.95 84 iP 25 26.80 -1.3
i 25 32.50
IHA 3.34 246 eP 25 38.20 4.6X
iS 26 21.80
S.D. = 1.1 on 8 of 9 obs.

OCT 23, 1992 00h 26m 36.26 ± 0.56s
49.153 N ± 5.4km 6.865 E ± 5.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (STR). MD 2.2 (UCC).

LANF 0.64 105 Pg 26 48.67 -0.5
SRBF 0.69 110 Pg 26 49.93 0.0
WLF 0.69 318 iPd 26 49.97 0.1
iS 27 00.57
HOFF 0.75 106 Pg 26 51.15 0.2
CDF 0.79 160 Pg 26 50.90 -0.8
Sg 27 03.75
WLS 0.81 156 Pg 26 51.49 -0.5
Sg 27 05.22
ECH 0.96 168 Pg 26 54.62 0.1
Sg 27 09.57
VITF 1.10 212 Pg 26 56.73 -0.3
Sg 27 11.74
MOF 1.31 172 Pg 27 01.16 0.5
FEL 1.49 149 Pg 27 04.42 1.2
DOU 1.75 303 P 27 06.80 -0.1
LOMF 1.80 181 P 27 10.30 2.6X
SNF 2.15 310 P 27 20.30 7.6X
S.D. = 0.6 on 11 of 13 obs.

OCT 23, 1992 00h 57m 46.59 ± 0.32s
30.112 S ± 5.1km 177.171 W ± 8.8km
DEPTH = 10.0km (geophysicist)
5.4mb (13 obs.) 5.4msz (1 obs.)
KERMADEC ISLANDS, NEW ZEALAND (178)

RAO 1.08 323 iPc 58 07.00 0.2
WCZ 9.19 229 eP 00 10.50 8.3X
NOZ 9.36 204 eP 00 04.70 0.2
MNG 12.07 208 eP 00 36.20 -5.3X
eS 02 52.50
MRW 12.90 209 P 00 56.70 4.1X
S 03 15.00
THZ 14.12 212 eP 01 06.50 -2.3X
S 03 44.80
KHZ 14.37 209 eP 01 08.30 -3.7X
S 03 45.90
LTZ 15.22 211 eP 01 19.90 -3.2X
eS 04 05.90
DZM 16.74 295 iPc 01 47.00 4.1X
AFI 16.88 18 eP 01 45.00 0.4
LMZ 17.34 215 eP 01 46.00 -4.2X
BWZ 17.66 212 eP 01 54.80 0.7
ODZ 17.73 209 eP 01 55.20 0.2
eS 05 04.20
BKM 18.18 310 iPc 02 02.20 1.5
LRCZ 18.32 212 eP 02 02.40 -0.1
MHZ 18.35 212 eP 02 03.10 0.4
SBCZ 18.35 212 eP 02 02.40 -0.4
CMCZ 18.41 212 eP 02 02.70 -0.9
TUZ 18.89 209 eP 02 10.60 1.4
BRS 26.45 268 iPc 03 30.40 4.8X
0.9s 10.00nm 4.5mb
i 03 40.00
CAN 28.85 251 eP 03 52.50 5.2X

BWA 29.33 253 eP 03 55.40 3.8X
TOO 31.74 246 eP 04 15.70 2.8X
0.4s 34.00nm 5.6mb
BFD 34.08 247 eP 04 36.10 2.9X
1.1s 30.00nm 5.1mb
ASPA 43.84 266 eP 05 54.30 -0.5
0.8s 32.50nm 5.2mb
eS 12 24.50
WRA 44.80 271 P 06 02.20 -0.4
0.7s 19.10nm 5.1mb
WARB 49.28 260 eP 06 36.00 -1.7X
NANU 60.03 260 eP 07 55.30 -0.8
SPA 60.06 180 iPc 08 00.80 4.8X
1.0s 30.00nm 5.4mb
CGP 67.69 295 eP 08 46.00 -0.4
MAW 72.83 200 iPd 09 20.80 3.9X
1.1s 33.00nm 5.3mb
KAGJ 78.43 316 eP 09 54.80 5.6X
KUMJ 79.43 317 eP 10 00.70 6.1X
SNA 79.79 178 e(P) 09 59.60 3.7X
1.0s 38.00nm 5.3mb
NJ2 86.60 310 eP 10 29.00 -2.4X
MDZ 87.68 127 e(P) 10 36.10 -0.8
MDJ 88.80 325 eP 10 39.60 -2.1
1.5s 46.00nm 5.5mb
TIA 90.30 313 eP 10 49.50 0.5
1.2s 51.00nm 5.7mb
CN2 90.35 322 Pc 10 48.00 -1.0
1.0s 74.00nm 5.9mb
Z 17s 1.47um 5.5msz
N 17s 0.81um
E 17s 0.56um
eP 11 05.00 60kmX
eS 21 38.00
NST 91.60 287 eP 11 01.50 6.2X
GYA 92.03 299 P 11 03.20 5.9X
1.0s 9.60nm 5.1mb
BJI 93.22 315 eP 11 02.50 0.2
1.5s 86.00nm 5.9mb
CHG 94.16 289 eP 11 14.00 6.9X
TIY 94.21 311 eP 11 08.00 1.0
XAN 94.51 307 eP 11 15.50 7.1X
MCMT 94.79 40 eP 11 11.00 1.3
CD2 96.54 302 eP 11 24.40 6.6X
ZOBO 97.61 114 P 11 38.90 15.2X
PKI 109.22 291 PKP 16 00.00 -19.2X
KSH 120.69 300 ePKP 16 40.90 0.4
BUL 124.21 210 iPKPc 16 51.00 3.2X
LMN 125.98 53 ePKP 17 05.50 15.2X
BRVK 126.76 316 iPKPd 16 51.00 -0.6
1.4s 24.00nm 5.4msz
Z 22s 0.83um
N 16s 0.20um
E 22s 0.49um

SVE 132.13 321 ePKP 17 00.00 -1.7
MAIO 132.76 293 iPKPd 17 04.30 0.6
i 20 33.00
ARU 133.31 321 ePKP 17 04.00 0.1
e 17 15.00
ASH 133.91 295 ePKP 16 56.00 -9.7X
KEV 138.00 348 ePKP 17 17.00 4.6X
GRS 143.37 297 ePKP 17 18.00 -5.1X
1.4s 50.00nm
TAB 143.38 294 ePKP 17 19.00 -4.2X
GRO 143.59 303 iPKPd 17 22.00 -1.1
1.5s 160.00nm
MOS 144.50 326 ePKP 17 21.00 -3.3X
KAF 144.51 341 iPKP 17 21.00 -3.1X
0.9s 22.50nm
ERE 144.76 298 iPKP 17 24.00 -1.4
1.7s 27.00nm
OBN 145.33 326 ePKP 17 23.00 -2.7X
1.8s 672.00nm
PYA 145.38 305 iPKPc 17 25.00 -1.2
1.3s 370.00nm
i 17 35.00
KIV 145.65 305 ePKPc 17 25.60 -1.2
NUR 146.28 341 iPKP 17 26.40 -0.7
NB2 148.57 352 PKP 17 33.00 2.1
1.0s 37.60nm
UPP 148.62 346 iPKP 17 33.40 2.5X
HFS 149.10 349 ePKP 17 33.40 1.7
1.2s 63.50nm
Z 17s 227.00um 8.0msz

LR 13 03.00
MNK 150.24 330 ePKP 17 33.00 -0.5
BCAO 150.46 213 iPKPd 17 36.50 1.3
1.5s 31.00nm
SVST 150.57 298 ePKP 17 41.00 6.3X
CSTJ 150.92 281 PKPd 17 42.21 6.8X
KVT 151.02 301 iPKP 17 43.00 7.8X
TRHT 151.06 300 ePKP 17 41.10 5.7X
MDSJ 151.33 282 PKPd 17 43.07 7.0X
JARJ 151.65 283 PKPc 17 43.57 7.1X
MASJ 151.79 282 PKPd 17 43.74 7.0X
KFNJ 151.84 282 PKPc 17 44.25 7.6X
MKRJ 151.84 281 PKPc 17 44.46 7.7X
SALJ 151.85 282 PKPc 17 44.37 7.6X
CTK 152.00 301 ePKP 17 45.40 8.6X
DSI 152.07 281 ePKP 17 36.90 -0.1X
KART 152.28 302 ePKP 17 45.60 8.3X
ADI 152.31 285 ePKP 17 37.70 0.3
ZNT 152.42 283 ePKP 17 37.90 0.4
RMN 152.59 279 ePKP 17 38.40 0.5
KAS 152.63 303 ePKP 17 45.50 7.9X
FAM 153.34 289 ePKP 17 56.00 17.3X
BBTK 153.73 300 ePKP 17 47.00 7.7X
CSS 153.89 289 ePKP 17 48.40 8.9X
DVR 153.96 303 ePKP 17 47.90 8.4X
SGKT 154.08 302 ePKP 17 57.00 17.1X
EKA 154.43 8 PKP 18 03.00 23.5X
1.0s 14.50nm
PPCY 154.70 289 ePKP 17 57.00 16.5X
KIC 155.32 162 PKP 17 49.80 7.8X
VRI 155.59 317 ePKPd 18 05.00 23.6X
OJC 156.20 332 ePKP 17 37.70 -4.4X
UZH 156.27 327 ePKP 18 02.00 19.8X
SPC 156.80 330 ePKP 17 44.30 1.1
KSP 156.97 338 ePKPc 17 43.80 0.7
1.3s 57.00nm
ic 17 55.00
i 18 12.20
CLL 157.51 343 ePKP 17 54.00 10.3X
1.5s 19.00nm
i 18 13.40
BRG 157.65 341 ePKP 17 44.40 0.5
1.4s 48.00nm
e 17 57.30
PSZ 157.90 328 e(PKP) 17 44.50 0.1
PRU 158.27 339 ePKP 18 03.50 18.9X
1.9s 54.30nm
e 18 18.90
e 18 30.50
KHC 159.32 340 PKP 17 45.00 -0.9
1.5s 9.80nm
e 18 24.00
e 18 35.40
GRF 159.44 344 ePKP 17 49.60 3.6X
e 18 24.90
GEC2 159.53 339 PKP 17 47.20 1.0
1.1s 3.05nm
SKO 160.90 313 ePKP 17 46.00 -1.7
1.5s 164.00nm
i 18 31.00
KBA 161.20 337 iPKPd 17 47.00 -1.1
1.2s 10.50nm
i 18 31.60
WTTA 161.57 341 iPKPc 17 49.10 0.6
i 18 33.50
S.D. = 1.0 on 48 of 113 obs.

* OCT 23, 1992 01h 25m 10.22 ± 0.94s
33.606 N ± 9.5km 139.584 E ± 14.7km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
SOUTH OF HONSHU, JAPAN (211)
CHJJ 2.48 349 iPd 25 49.70 0.5
KAKJ 2.64 10 iP+ 25 50.10 -1.2
MTMJ 3.31 334 P 26 01.80 0.8
WKYJ 3.37 282 eP 25 56.10 -5.8X
eS 26 34.50
TSRJ 3.54 304 P 26 03.90 -0.3
NIJJ 3.66 353 P 26 05.90 0.1
WRA 53.48 186 P 34 29.50 -0.1
0.5s 0.60nm 3.8mb
KAF 70.66 333 eP 36 29.90 5.7X
NB2 76.76 337 P 37 06.30 6.6X
0.8s 2.50nm 4.3mb
LRM 77.66 43 eP 37 06.20 1.0
e 37 13.10

KHC	84.66	328	eP	37	41.00	-0.7	OBN	145.25	326	iPKPc	00	15.30	-2.0		0.8s	7.00nm	4.6mb				
			e		37	46.50			1.8s	360.00nm				TOO	31.78	246	eP	03	46.30	1.6	
GEC2	84.81	327	P	37	49.90	7.3X				i	00	29.00		ASPA	43.87	266	eP	05	25.60	-0.8	
	0.6s		1.40nm			4.3mb									0.5s		7.40nm			4.8mb	
ZOBO	149.67	62	ePKP	45	02.00	7.5X	PYA	145.35	305	iPKPc	00	17.00	-0.9			44.83	271	P	05	33.00	-1.2
LPB	149.85	63	ePKP	45	03.00	8.5X				i	00	32.00				0.8s		6.30nm			4.6mb
CNCB	150.11	63	ePKP	45	02.00	6.9X	KIV	145.63	305	ePKPc	00	18.00	-0.6		SPA	60.11	180	iPc	07	30.90	3.2X
	S.D. = 0.9	on	8 of 15 obs.				NUR	146.16	341	iPKP	00	18.10	-0.6			0.8s		9.17nm			5.0mb
							NB2	148.42	352	PKP	00	23.60	1.2		KAF	144.47	341	iPKP	16	51.60	-3.8X
									1.1s	27.90nm						0.5s		3.90nm			
OCT 23, 1992	01h 40m	42.00±0.50s					HFS	148.95	350	ePKP	00	25.00	1.8		OBN	145.30	326	iPKPd	16	55.50	-1.5
29.950 S ± 6.5km	177.074 W ± 11.6km								0.4s	2.60nm						1.0s		35.00nm			
DEPTH = 33.0km (normal)							MNK	150.14	330	ePKP	00	29.00	3.9X								
5.1mb (14 obs.)	5.6Msz (1 obs.)						QTFJ	150.36	283	PKPd	00	32.45	6.1X		NUR	146.24	341	ePKP	16	56.90	-1.5
KERMADEC ISLANDS, NEW ZEALAND (178)							SVST	150.57	299	ePKP	00	33.20	6.7X		NB2	148.52	352	PKP	17	03.90	1.7
							BCAO	150.64	213	iPKPc	00	28.00	0.8X			0.7s		5.60nm			
RAO	1.01	313	iPc	40	59.50	-0.4								UPP	148.57	346	iPKP	17	01.90	-0.3	
WCZ	9.36	228	eP	43	07.50	9.9X	CSTJ	150.97	281	PKPd	00	34.01	6.8X		HFS	149.05	349	ePKP	17	04.60	1.6
OUZ	9.46	234	eP	43	04.40	5.4X	TRHT	151.05	300	ePKP	00	34.10	6.9X			0.5s		2.90nm			
VUN	12.57	340	eP	43	40.00	-1.3	MDSJ	151.38	282	PKPd	00	34.93	7.0X		BCAO	150.52	213	iPKPc	17	12.30	5.7X
MRW	13.09	208	P	43	49.80	1.7	JARJ	151.69	283	PKPc	00	35.39	7.1X			1.2s		14.00nm			
			S	46	07.00		BURJ	151.81	283	PKPd	00	35.65	7.1X			S.D. = 1.4	on 12 of 19 obs.				
THZ	14.30	212	eP	44	02.00	-2.2	MASJ	151.84	282	PKPd	00	35.18	6.6X								
			eS	46	36.70		KFNJ	151.89	282	PKPd	00	35.70	7.2X		? OCT 23, 1992	02h 09m	02.63±8.60s				
KHZ	14.55	209	eP	44	01.00	-6.3X	HRI	151.92	285	ePKP	00	36.00	7.3X			19.135 N ± 39.5km	64.784 W ± 64.0km				
			eS	46	38.90		JVI	152.17	282	ePKP	00	36.30	7.3X			DEPTH = 10.0km (geophysicist)					
LTZ	15.40	211	eP	44	14.70	-3.7X	KART	152.27	302	ePKP	00	45.30	16.2X			VIRGIN ISLANDS (91)					
DZM	16.75	294	iPc	44	39.10	3.3X	ADI	152.35	285	ePKP	00	36.90	7.7X								
BWZ	17.85	212	eP	44	49.00	-0.2	KAS	152.61	303	ePKP	00	38.00	8.7X		LPR	1.32	232	iP	09	27.00	0.0
ODZ	17.91	209	eP	44	48.50	-1.6	RMN	152.65	279	ePKP	00	37.10	7.3X		CPD	1.53	225	iP	09	30.00	0.0
	0.7s		58.00nm			4.8mb	BBTK	153.72	300	ePKP	00	38.30	7.3X		SJG	1.65	232	iP	09	31.80	0.1
LSCZ	18.53	211	eP	44	57.20	-0.5	CSS	153.92	289	ePKP	00	39.00	7.7X		APR	1.96	250	iP	09	31.80	-4.5X
SBCZ	18.54	212	eP	44	56.40	-1.4	DVR	153.95	303	ePKP	00	47.70	16.5X		CLLP	2.00	239	iP	09	37.00	0.2
MMCZ	18.55	212	eP	44	55.50	-2.5X	UZH	156.18	327	ePKP	00	52.00	18.1X		PORP	2.06	239	iP	09	37.20	-0.5
CMCZ	18.60	212	eP	44	58.40	-0.2			1.0s	25.00nm				LRS	2.13	247	iP	09	38.60	-0.1	
TLC	18.72	212	eP	44	59.30	-0.9	KSP	156.85	338	ePKP	00	35.00	0.3		MGP	2.46	243	iP	09	43.60	0.2
BRS	26.54	268	iP	46	21.00	2.3			e	01	02.50				S.D. = 0.3	on 7 of 8 obs.					
ARMA	27.02	261	iPd	46	26.60	3.5X			1.3s	41.00nm				? OCT 23, 1992	02h 46m	46.86±3.23s					
	0.9s		28.00nm			4.9mb			e	00	45.60				43.734 N ± 48.5km	148.936 E ± 32.9km					
CAN	28.98	250	eP	46	45.50	4.8X	CLL	157.37	343	e(PKP)	00	35.00	-0.3			DEPTH = 10.0km (geophysicist)					
BWA	29.46	252	eP	46	43.80	-1.2			1.6s	11.00nm					4.0mb (3 obs.)						
RMO	30.24	268	eP	46	54.00	1.9	BRG	157.53	342	ePKP	00	35.30	-0.2			EAST OF KURIL ISLANDS (222)					
	0.5s		24.00nm			5.2mb			1.2s	26.00nm				KUSJ	3.14	260	eP	47	35.70	-1.6	
TOO	31.88	246	eP	47	08.10	1.7			e	00	48.50					eS		48	08.80		
	0.8s		22.00nm			5.1mb	KHC	159.20	340	ePKP	00	37.00	-0.5		HOOJ	4.35	254	eP	47	55.90	1.4
BFD	34.22	247	eP	47	28.70	2.1			e	01	15.00					eS		48	43.30		
	1.1s		18.00nm			4.9mb			e	01	31.50			ASAJ	4.56	277	eP	47	58.20	0.7	
ASPA	43.94	266	iPd	48	47.10	-0.7	SKO	160.85	314	iPKP	00	39.50	0.1		MRRJ	5.91	260	eP	48	16.00	-0.4
	1.4s		16.20nm			4.6mb			i	01	22.50					eS		49	21.50		
Z	20s		6.80um			5.6Msz			S.D. = 1.3	on 41 of 76 obs.				NB2	70.08	340	P	58	00.60	-0.1	
															0.5s		1.30nm			4.3mb	
WRA	44.88	271	P	48	54.50	-0.9	% OCT 23, 1992	01h 56m	41.71±1.02s					HFS	70.20	338	eP	58	00.60	-0.7	
	1.1s		13.80nm			4.8mb		45.728 N ± 11.9km	26.043 E ± 9.8km						0.5s		0.80nm			4.1mb	
SPA	60.22	180	iPd	50	52.80	3.7X	DEPTH = 33.0km (normal)							GEC2	79.80	332	P	58	57.30	0.7	
	1.2s		21.13nm			5.1mb	ROMANIA (358)								0.5s		0.40nm			3.7mb	
MAW	73.01	200	eP	52	12.00	2.1									S.D. = 1.2	on 7 of 7 obs.					
	1.1s		32.00nm			5.2mb	MLR	0.25	196	iPc	56	49.50	0.5								
NVL	79.37	183	eP	52	47.00	1.4	VR1	0.50	73	iPc	56	55.50	3.2X		* OCT 23, 1992	03h 33m	20.77±1.28s				
	1.4s		28.00nm			5.1mb	JSR	0.69	149	iPc	56	54.50	-0.5			47.632 N ± 12.0km	16.722 E ± 8.7km				
			e	52	58.00		BRD	0.74	106	iPc	56	56.00	0.3			DEPTH = 10.0km (geophysicist)					
YSS	84.76	334	eP	53	13.00	-0.8	CMF	0.84	237	iPc	56	57.00	-0.2			AUSTRIA (546)					
	1.0s		30.00nm			5.4mb	CLI	1.19	46	iPd	57	02.00	-0.1			ML 2.8 (BRA), 2.4 (VIE).					
			e	53	27.00		TNR	1.24	267	ePd	57	16.00	13.1X								
NJ2	86.56	310	eP	53	23.00	0.7	CFR	1.58	109	iPd	57	01.60	-6.1X		ZST	0.62	24	iPgD	33	32.30	-0.9
MDJ	88.71	325	eP	53	32.20	-1.0			S.D. = 0.6	on 5 of 8 obs.						i		33	37.20		
SNY	89.96	320	eP	53	37.80	-1.3	* OCT 23, 1992	01h 57m	17.96±1.01s							iSn		33	44.90		
	1.4s		47.00nm			5.6mb		30.055 S ± 11.9km	177.139 W ± 17.8km					VKA	0.69	337	iPgD	33	35.40	1.0	
			sP	53	53.50		DEPTH = 10.0km (geophysicist)									iSg		33	47.40		
CN2	90.27	322	P	53	40.00	-0.5	4.9mb (6 obs.)							SRO	1.09	80	ePn	33	41.70	0.5	
	1.0s		49.00nm			5.7mb	KERMADEC ISLANDS, NEW ZEALAND (178)									i		33	44.30		
BJ1	93.17	315	eP	53	54.00	0.1	Felt (111) on Raoul Island.									i(Sn)		33	57.60		
	1.5s		34.00nm			5.6mb										Lg		33	59.50		
TIY	94.17	311	eP	54	00.30	1.6	RAO	1.05	320	iPc	57	37.50	-0.2		VRAC	1.68	357	ePn	33	50.00	-0.3
XAN	94.48	307	eP	54	00.50	0.3	MRW	12.97	208	P	00	40.30	15.4X			0.2s		4.00nm			
MCMT	94.61	40	eP	54	01.80	1.0			S	02	43.00					e		34	09.80		
BRVK	126.71	316	iPKP	59	47.00	3.7X	KHZ	14.44	209	P	00	41.40	-2.8X		KBA	2.36	258	iPnc	34	00.00	-0.4
	1.4s		27.00nm						0.4s		26.00nm		5.2mb			iSn		34	40.50		
MA10	132.77	293	ePKP	59	56.00	0.5			eS	03	12.90				KHC	2.58	307	ePn	34	07.00	3.7X
			e	03	24.00											ePg		34	12.60		
GRS	143.37	297	ePKP	00	10.00	-4.9X	DZM	16.74	295	iPc	01	18.00	3.8X			Sn		34	32.00		
	1.3s		50.00nm				ODZ	17.41	215	eP	01										

23d 03h

Sg 34 48.10
S.D. = 1.1 on 5 of 7 obs.

* OCT 23, 1992 03h 52m 58.64 ± 2.37s
16.878 N ± 14.8km 60.985 W ± 19.3km
DEPTH = 26.2 ± 8.5 km

LEEWARD ISLANDS (92)
ML 3.6 (FDF).

DEG	0.57	187	eP	53	10.05	0.1
			S	53	18.70	
SFG	0.65	198	eP	53	11.55	-0.2
BPA	0.85	281	eP	53	14.22	-0.5
			S	53	24.90	
MGG	1.01	199	eP	53	16.91	-0.1
PAG	1.07	218	eP	53	17.84	-0.2
			S	53	31.90	
MGH	1.19	263	ePd	53	19.82	0.2
			S	53	35.10	
NEV	1.54	280	eP	53	25.10	0.5
CRM	2.11	178	eP	53	32.99	0.0
FDF	2.14	184	eP	53	32.83	-0.5
MVM	2.31	178	eP	53	36.00	0.2
BIM	2.35	182	eP	53	36.48	0.2

S.D. = 0.4 on 11 of 11 obs.

* OCT 23, 1992 04h 11m 23.62 ± 1.52s
35.526 N ± 15.0km 140.332 E ± 13.7km
DEPTH = 65.9 ± 20.1 km
4.5mb (1 obs.)

NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ	0.69	349	iPd	11	38.30	0.0
			S	11	48.40	
CHJJ	1.21	296	iPd	11	44.50	-0.4
			S	11	59.20	
IIDJ	1.98	269	P	11	55.60	0.1
			S	12	17.80	
NIJJ	2.02	328	iPd	11	55.70	-0.3
MTMJ	2.30	298	P	11	59.90	-0.2
YAMJ	2.65	355	eP	12	05.70	0.8
TSRJ	3.55	271	P	12	16.90	-0.5
OFUJ	3.70	16	P	12	19.30	-0.3
WKYJ	4.11	253	P	12	26.30	0.9
TKSJ	5.40	255	P	12	42.40	-1.0
YONJ	5.62	269	P	12	47.70	1.1
ASPA	59.18	187	eP	21	19.90	-0.1

0.9s 3.40nm 4.5mb

S.D. = 0.7 on 12 of 12 obs.

* OCT 23, 1992 04h 27m 51.93 ± 0.86s
29.574 S ± 14.9km 176.829 W ± 15.3km
DEPTH = 33.0km (normal)
4.9mb (8 obs.) 5.3Msz (1 obs.)

KERMADEC ISLANDS REGION (177)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 12S, 16C

Centroid Location:

Origin Time 04:28: 1.9 3.1

Lat 29.125 0.18 Lon 177.03W 0.26

Dep 27.6 7.4 Half-duration 1.1

Moment Tensor; Scale 10¹⁷ Nm

Mrr=0.90 0.23 Mtt=-0.24 0.20

Mff=-0.65 0.10 Mrt=0.46 0.20

Mrf=1.05 0.32 Mtf=0.17 0.26

Principal Axes:

T Val=1.56 Plg=60 Azm=301

N -0.37 12 190

P -1.19 27 94

Best Double Couple: Mo=1.4*10¹⁷

NP1:Strike=156 Dip=21 Slip= 54

NP2: 13 73 102

RAO	1.00	288	iP	28	09.50	-0.2
MRW	13.52	208	P	31	05.00	1.3
			S	33	19.00	
DZM	16.80	293	iPc	31	51.10	4.7X
BRS	26.77	267	eP	33	33.50	2.8X
RMO	30.47	267	eP	34	06.10	2.1
	0.3s		9.00nm			5.0mb
CMS	32.12	257	iPc	34	19.10	0.6
	1.0s		16.00nm			4.9mb
TOO	32.23	246	eP	34	18.00	-1.3
ASPA	44.18	266	iPd	35	58.10	-1.5
	1.2s		9.70nm			4.5mb
Z	20s		4.00um			5.3Msz

WRA	45.09	271	P	36	05.80	-1.2
	0.6s		6.30nm			4.7mb
SPA	60.59	180	eP	38	11.10	9.5X
	0.7s		7.81nm			4.9mb
NVL	79.75	183	eP	39	56.00	-1.6
	1.2s		14.00nm			4.8mb
			e	40	16.00	
MDJ	88.53	325	eP	40	40.60	-1.6
	1.5s		46.00nm			5.6mb
SNY	89.81	320	Pd	40	49.40	1.1
	1.4s		42.00nm			5.5mb
			sP	41	04.00	
CN2	90.10	322	Pd	40	51.00	1.3
KAF	144.10	342	ePKP	47	25.40	0.3
OBN	145.05	326	iPKPc	47	26.50	-0.4
	1.8s		180.00nm			
NUR	145.87	341	iPKP	47	29.50	1.3
	0.4s		8.90nm			
NB2	148.08	353	PKP	47	34.70	2.9X
	1.2s		12.20nm			
HFS	148.62	350	ePKP	47	35.30	2.7X
	1.4s		43.70nm			
BCAO	151.07	213	iPKPd	47	43.50	5.7X
	1.1s		14.00nm			
KSP	156.58	339	ePKP	48	14.20	29.9X
			e	48	26.00	
BRG	157.24	342	e(PKP)	48	16.70	31.6X
	1.3s		11.00nm			
			e	48	28.50	
PRU	157.87	340	ePKP	48	20.50	34.6X
			e	48	32.40	
SRO	158.36	331	ePKP	48	21.50	35.0X
ZST	158.54	334	ePKP	48	22.60	35.9X
KHC	158.91	341	ePKP	48	25.50	38.4X
	1.5s		8.50nm			
			e	48	37.00	
VAY	160.37	312	ePKP	47	30.40	-18.5X
SKO	160.74	315	ePKP	47	49.00	-0.3
	1.2s		87.00nm			
			i	48	33.50	

S.D. = 1.4 on 15 of 28 obs.

? OCT 23, 1992 04h 49m 15.71 ± 1.37s
28.906 S ± 18.1km 176.122 W ± 16.4km
DEPTH = 10.0km (geophysicist)
4.8mb (7 obs.)

KERMADEC ISLANDS REGION (177)

RAO	1.61	257	iP	49	44.00	-0.2
MRW	14.40	209	P	52	42.00	0.6
			S	54	48.00	
DZM	17.14	289	iPc	53	17.90	0.9
BRS	27.43	266	iP	55	04.00	0.3
RMO	31.12	266	eP	55	37.00	0.3
	0.2s		6.00nm			5.1mb
CMS	32.88	256	eP	55	59.20	7.2X
	0.8s		10.00nm			4.8mb
			i	56	03.20	
TOO	33.07	245	iPc	55	50.40	-3.2X
	0.3s		10.00nm			5.2mb
ASPA	44.85	265	eP	57	28.90	-3.2X
	1.0s		7.30nm			4.5mb
WRA	45.71	270	P	57	36.80	-2.1
	0.9s		6.00nm			4.6mb
SPA	61.26	180	iPc	59	34.30	1.0
	1.0s		9.00nm			4.9mb
NVL	80.45	183	eP	01	27.00	-1.6
	1.6s		16.00nm			4.8mb
			e	01	40.00	
KAF	143.66	342	ePKP	09	01.00	9.2X
OBN	144.83	327	iPKPd	08	58.00	4.0X
	1.5s		98.00nm			
NUR	145.44	342	ePKP	09	00.00	5.1X
NB2	147.49	353	PKP	09	06.00	7.7X
	1.1s		10.00nm			
HFS	148.07	351	ePKP	09	06.80	7.6X
	0.4s		1.10nm			
SKO	160.69	317	ePKP	09	17.50	0.8
			i	10	04.00	

S.D. = 1.3 on 9 of 17 obs.

OCT 23, 1992 04h 52m 43.28 ± 0.48s
2.545 N ± 9.0km 79.879 W ± 6.4km
DEPTH = 10.0km (geophysicist)
5.0mb (29 obs.) 4.0Msz (1 obs.)
SOUTH OF PANAMA (83)

MORO	14.15	54	eP	56	02.40	-3.7X
NNA	14.75	168	eP	56	22.00	8.1X
	0.4s		15.25nm			4.9mb
TRN	20.03	65	eP	57	18.96	-0.4
TBH	20.27	66	eP	57	21.79	-0.2
GRW	20.42	61	eP	57	23.34	-0.2
SVB	21.28	59	eP	57	31.59	-0.8
SVV	21.34	59	eP	57	31.81	-1.1
ZOBO	22.02	149	iPc	57	41.30	0.8
	1.1s		27.84nm			4.6mb
Z	20s		0.58um			4.0Msz
			S	01	46.00	
			LR	03	36.00	
BIM	22.05	56	eP	57	42.33	2.2
FDF	22.10	56	eP	57	42.82	2.3
MVM	22.21	56	eP	57	42.29	0.6
CRM	22.30	56	eP	57	43.83	1.3
HBF	30.23	359	eP	58	55.05	-1.4
JSC	31.60	358	eP	59	08.06	-0.4
OLY	34.51	343	eP	59	32.63	-1.2
ELC	35.63	347	eP	59	41.39	-1.9
TUL	36.32	338	eP	59	48.10	-1.1
	1.0s		21.20nm			4.9mb
LNO	36.32	338	eP	59	47.20	-1.9
MEO	36.49	334	iPc	59	50.50	-0.2
FVM	36.57	346	eP	59	49.72	-1.5
	0.6s		21.23nm			5.1mb
PPD	37.09	133	eP	59	54.80	-1.1
ACO	38.35	335	iPc	00	05.60	-0.7
TBR	38.76	7	eP	00	10.08	0.5
ALO	40.61	326	ePc	00	27.49	2.2
	0.8s		17.25nm			4.8mb
RSNY	42.09	6	eP	00	36.24	-0.8
	0.8s		5.16nm			4.3mb
GOL	43.63	331	eP	00	51.29	1.3
	1.3s		29.16nm			4.9mb
			ePcP	02	37.79	
EEO	43.93	1	eP	00	54.00	2.1
SRU	45.86	326	eP	01	09.02	1.2
MSU	46.38	325	eP	01	12.02	0.0
EMUT	46.52	327	eP			

BSF 85.89 42 eP 05 24.50 -0.4
1.5s 29.25nm 5.2mb
WTS 85.97 38 iPc 05 26.00 1.0
0.8s 23.00nm 5.4mb
CDF 86.22 42 eP 05 26.50 0.0
1.4s 23.10nm 5.2mb
NB2 88.32 29 P 05 36.60 0.3
0.9s 7.70nm 5.0mb
HFS 89.60 30 eP 05 41.20 -1.1
0.4s 1.40nm 4.5mb
BCAO 98.19 85 iPd 06 23.50 0.9
1.1s 6.00nm 5.2mb
id 07 50.20
ic 09 15.50
WRA 142.38 240 PKP 12 15.10 -3.9X
0.7s 1.60nm
GKN 146.17 25 PKP 12 25.40 0.0
KKN 146.63 24 PKP 12 26.40 0.2
0.8s 42.00nm
DMN 146.71 25 PKP 12 27.20 0.8
GUN 146.76 23 PKP 12 27.60 1.0
PKI 146.87 24 PKP 12 26.40 -0.4
0.8s 30.00nm
HYB 150.91 46 ePKP 12 38.40 5.5X
e 12 45.00
S.D. = 1.1 on 65 of 71 obs.

* OCT 23, 1992 04h 53m 50.10 ± 1.43s
26.070 N ± 14.3km 110.500 W ± 18.7km
DEPTH = 10.0km (geophysicist)
GULF OF CALIFORNIA (49)

MZX 4.68 127 (P) 55 02.50 0.0
TUC 6.22 358 eP 55 21.32 -3.0X
eLg 57 11.40
GLA 7.91 333 eP 55 47.73 -0.2
ALO 9.50 21 P 56 10.00 -0.2
TPNV 11.90 337 (P) 56 49.52 6.6X
MSU 12.49 354 eP 56 52.50 1.6
SRU 13.00 360 eP 56 57.03 -0.7
DAU 14.32 358 eP 57 15.63 0.4
ARN 14.63 323 eP 57 23.23 4.2X
HHA 17.25 355 (P) 57 51.46 -1.3
LBFM 17.92 331 (P) 58 01.00 -0.1
MCMT 18.81 355 eP 58 12.70 0.5
S.D. = 0.9 on 9 of 12 obs.

& OCT 23, 1992 05h 14m 38.64s
34.981 N 116.945 W
DEPTH = 4.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

GSC 0.34 20 iPc 14 45.20 -0.3
SSK 0.99 219 eP 14 56.72 -1.3
PEC 1.10 189 eP 14 58.73 -1.1
eS 15 13.03
ISA 1.42 299 eP 15 03.71 -1.6
PLM 1.62 178 eP 15 07.39 -0.9
ABL 1.87 267 (P) 15 11.65 -0.3
TPNV 2.04 16 (P) 15 12.88 -1.4
GLA 2.61 137 (Pn) 15 22.72 0.5
ePg 15 26.72
MSU 5.21 46 (P) 16 10.94 11.6
9 obs. associated

* OCT 23, 1992 05h 26m 44.69 ± 1.19s
26.180 N ± 12.9km 109.847 W ± 10.0km
DEPTH = 10.0km (geophysicist)
4.2mb (5 obs.)
GULF OF CALIFORNIA (49)

MZX 4.30 133 iP 27 54.50 2.9
(S) 28 42.00
TUC 6.16 353 eP 28 15.75 -2.3X
GLA 8.10 329 eP 28 42.17 -3.1X
AGX 8.12 120 (P) 28 22.50 -22.9X
ALO 9.21 18 ePc 29 01.56 0.8
ARUT 11.97 346 ePc 29 40.43 2.0
ISA 12.00 324 eP 29 37.81 -1.0
TPNV 12.04 335 (P) 29 40.46 1.1
MSU 12.45 352 ePc 29 46.55 1.5
eLg 33 40.07
BCH 12.57 318 eP 29 46.31 -0.2
SRU 12.91 358 eP 29 51.29 0.2
eLg 33 43.44
MEO 12.95 46 e(P) 29 56.10 4.7X

EMUT 13.62 357 eP 30 02.01 1.5
BONR 13.75 331 eP 30 03.19 0.9
GOL 13.99 14 eP 30 05.19 -0.3
1.7s 35.76nm 4.9mb X
OCO 14.12 46 e(P) 30 13.50 6.6X
DUG 14.19 351 eP 30 09.48 1.5
1.0s 9.41nm 4.5mb X
DAU 14.24 356 eP 30 10.19 1.4
eLg 34 24.20
CMB 14.80 326 eP 30 15.17 -0.6
1.3s 11.27nm 4.2mb
ARN 14.91 321 eP 30 16.93 -0.3
MIAR 16.32 55 eP 30 34.88 -0.6
0.9s 5.78nm 3.7mb
ORV 16.52 327 (P) 30 38.91 0.9
HHA 17.20 354 eP 30 47.21 0.5
LBFM 18.11 330 eP 30 58.38 0.3
OLY 18.29 55 eP 30 58.41 -1.7
FHC 18.72 325 eP 31 04.10 -1.3
1.0s 44.28nm 4.6mb
LRM 19.71 355 eP 31 16.50 -1.0
FVM 20.19 50 (P) 31 18.69 -3.5X
0.8s 6.82nm 4.0mb
VGB 21.19 338 eP 31 29.92 -2.7
LON 22.62 338 eP 31 45.45 -1.4
SES 24.20 358 eP 32 02.00 -0.2
PRM 24.99 65 (P) 32 07.92 -2.0
MBC 50.35 357 eP 35 41.00 -2.3
1.0s 3.00nm 4.2mb
S.D. = 1.5 on 27 of 33 obs.

* OCT 23, 1992 06h 34m 07.57 ± 1.84s
37.813 S ± 9.3km 177.929 E ± 15.3km
DEPTH = 149.8 ± 13.4 km
OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 0.36 54 Pc 34 27.60 -0.7
WIZ 0.65 296 P 34 26.80 -3.1X
NOZ 0.81 174 P 34 31.50 0.5
TAZ 1.20 249 P 34 32.20 -2.1
PAHZ 1.25 213 P 34 34.40 -0.5
PATZ 1.43 246 P 34 35.10 -1.7
MOH 1.45 205 Pd 34 38.10 1.2
WHH 1.55 226 P 34 37.40 -0.7
TTH 1.93 206 P 34 44.40 2.2
KUZ 2.06 300 Pd 34 43.10 -0.6
S 35 04.80
WAHZ 2.25 213 P 34 47.20 1.1
NGZ 2.28 233 P 34 47.10 0.5
CNZ 2.33 233 P 34 47.80 0.7
MOZ 2.56 253 P 34 51.00 1.1
BSZ 3.07 229 P 34 59.00 2.7X
WCZ 3.43 302 Pc 35 02.90 1.9
MTW 3.83 209 P 35 06.30 0.0
KIW 3.84 217 P 35 06.70 0.3
CAW 3.97 213 P 35 08.20 0.2
MRW 4.23 215 P 35 11.80 0.3
eS 35 57.20
TCW 4.42 219 P 35 13.20 -0.8
QRZ 5.16 233 P 35 24.30 0.4
THZ 5.53 223 P 35 29.00 0.1
KHZ 5.70 215 P 35 30.80 -0.3
eS 36 32.10
DSZ 6.14 228 P 35 36.80 -0.3
LTZ 6.58 219 P 35 42.40 -0.7
MQZ 7.12 213 P 35 49.40 -0.9
BWZ 9.04 220 P 36 15.00 -0.9
ODZ 9.06 215 P 36 15.80 -0.3
S.D. = 1.1 on 27 of 29 obs.

& OCT 23, 1992 06h 35m 53.51s
33.009 N 117.802 W
DEPTH = 6.0km (geophysicist)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS).

PLM 0.86 66 ePd 36 08.99 -1.6
eS 36 18.85
PEC 1.03 31 ePd 36 11.96 -1.4
eS 36 25.82
SSK 1.20 4 ePnd 36 15.13 -1.3
ePg 36 15.84
ABL 2.18 328 ePn 36 28.82 -2.3
GSC 2.43 20 ePn 36 33.08 -1.4
ePg 36 37.13
GLA 2.50 88 ePnd 36 32.72 -2.7
ISA 2.71 348 ePn 36 36.31 -2.1

BCH 2.88 320 ePn 36 37.79 -3.1
TPNV 4.13 18 (Pn) 36 58.05 -0.6
BONR 4.95 355 (P) 37 10.19 -0.3
MSU 7.15 38 (Pn) 37 40.08 -1.3
ePg 38 04.97
11 obs. associated

& OCT 23, 1992 07h 50m 06.31s
59.645 N 150.901 W
DEPTH = 42.5km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.6 (AEIC).

BRLK 0.12 4 iP 50 13.09 1.2
eS 50 18.44
CNPM 0.21 235 iS 50 13.38 -0.6
iS 50 19.08
HOM 0.38 272 iP 50 15.13 -0.5
eS 50 22.53
XLV 0.46 246 eP 50 15.48 -1.2
eS 50 22.51
SEW 0.86 57 eP 50 21.68 -0.5
SLKM 0.93 21 iP 50 22.64 -0.5
eS 50 35.49
NKA 1.11 351 iP 50 26.74 1.1
MPA 1.15 42 eP 50 25.88 -0.2
eS 50 41.24
INE 1.17 292 eP 50 25.25 -1.4
eS 50 40.19
OPT 1.18 271 eP 50 25.88 -0.8
eS 50 41.92
RDT 1.20 322 eP 50 25.86 -1.1
eS 50 41.25
INW 1.20 292 eP 50 25.84 -1.2
eS 50 41.22
RED 1.22 310 iP 50 26.04 -1.2
eS 50 41.52
REF 1.24 314 eP 50 26.37 -1.3
eS 50 42.47
RSO 1.24 312 eP 50 26.57 -1.1
eS 50 42.51
RS1 1.24 312 eP 50 26.57 -1.1
eS 50 42.31
RS2 1.24 312 eP 50 26.61 -1.1
eS 50 42.76
RDW 1.27 312 eP 50 26.84 -1.3
eS 50 43.44
RDN 1.28 314 eP 50 27.16 -1.0
eS 50 43.30
SYI 1.29 217 eP 50 27.41 -0.8
AUE 1.29 258 eP 50 27.64 -0.6
DFR 1.30 318 eP 50 27.05 -1.4
eS 50 43.81
AUP 1.32 259 eP 50 28.40 -0.2
eS 50 45.68
AUL 1.32 260 eP 50 27.92 -0.7
AUI 1.33 258 eP 50 27.74 -0.9
eS 50 44.72
AUH 1.33 259 iP 50 28.34 -0.4
AUW 1.34 259 eP 50 28.23 -0.6
NCT 1.37 313 eP 50 28.43 -1.0
PTE 1.54 37 eP 50 31.32 -0.4
CDD 1.58 244 eP 50 31.51 -0.8
BKG 1.58 335 eP 50 31.57 -0.8
SPU 1.64 340 iP 50 32.59 -0.7
eS 50 53.61
PDB 1.67 276 eP 50 32.38 -1.2
MTU 1.68 77 eP 50 34.85 1.2
CKT 1.69 338 eP 50 33.02 -0.9
CKN 1.71 339 eP 50 33.59 -0.5
CKL 1.71 336 eP 50 33.57 -0.7
eS 50 55.81
PMS 1.74 22 P 50 34.20 -0.4
KNIM 1.74 65 eP 50 33.18 -1.4
CGLM 1.76 342 eP 50 34.38 -0.5
eS 50 56.69
BGL 1.78 336 eP 50 34.76 -0.5
MCNL 1.82 257 eP 50 34.53 -1.1
SUA 1.83 2 eP 50 35.44 -0.5
NCG 1.87 341 eP 50 36.15 -0.4
PWA 2.07 14 P 50 40.40 1.1
PLRM 2.14 23 eP 50 38.74 -1.5
KNK 2.15 33 eP 50 39.72 -0.7
GHO 2.35 24 eP 50 42.72 -0.6
SKT 2.36 353 eP 50 43.24 -0.2
FID 2.47 61 eP 50 42.44 -2.6
SML 2.51 29 eP 50 45.64 0.0

23d 07h

VLZ 2.71 55 eP 50 47.16 -1.3
 SCM 2.81 37 eP 50 49.77 -0.2
 KLU 3.08 51 eP 50 52.53 -1.2
 TOA 3.38 41 P 50 57.50 -0.5
 TZL 3.60 46 eP 51 00.51 -0.6
 56 obs. associated

* OCT 23, 1992 08h 30m 22.08 ± 0.74s
 30.041 S ± 7.8km 176.803 W ± 12.1km
 DEPTH = 10.0km (geophysicist)
 4.9mb (10 obs.) 4.7Msz (1 obs.)
 KERMADEC ISLANDS REGION (177)

RAO 1.25 309 iPc 30 43.00 -2.3
 THZ 14.35 213 eP 33 47.40 0.1
 DSZ 14.87 215 P 33 53.90 -0.2
 LTZ 15.44 212 P 34 01.30 -0.2
 DZM 17.00 294 iPd 34 23.30 1.7
 LMZ 17.59 215 eP 34 26.50 -2.2
 ODZ 17.95 210 P 34 32.70 -0.5
 TUZ 19.11 210 eP 34 46.40 -1.0
 BRS 26.77 268 iPc 36 06.00 1.9
 0.8s 4.00nm 4.2mb
 ARMA 27.24 261 eP 36 09.70 1.4
 0.9s 17.00nm 4.8mb
 RMO 30.47 268 eP 36 37.80 0.4
 0.3s 7.00nm 5.0mb
 CMS 32.05 258 eP 36 51.40 0.3
 1.0s 12.00nm 4.6mb
 TOO 32.06 246 eP 36 52.10 0.9
 0.5s 9.00nm 5.0mb
 ASPA 44.17 266 eP 38 30.30 -2.6X
 0.5s 12.40nm 5.0mb
 Z 19s 0.90um 4.7Msz
 SPA 60.13 180 iPc 40 36.60 4.7X
 1.0s 13.00nm 5.0mb
 MAW 73.01 200 e(P) 41 54.00 0.6
 0.9s 9.00nm 4.9mb
 NVL 79.29 183 eP 42 30.00 1.3
 MDJ 88.92 325 eP 43 13.60 -4.2X
 SNY 90.18 320 eP 43 23.00 -0.7
 CN2 90.49 322 Pd 43 24.40 -0.7
 1.0s 21.00nm 5.4mb
 TIA 90.49 312 eP 43 25.00 -0.3
 1.0s 44.00nm 5.7mb
 KAF 144.55 341 iPKP 49 56.80 -2.9X
 0.6s 4.30nm
 OBN 145.45 326 ePKP 50 00.00 -1.4
 1.0s 35.00nm
 NUR 146.32 341 iPKP 50 02.20 -0.5
 0.4s 13.60nm
 HFS 149.09 350 ePKP 50 08.80 1.7
 0.5s 4.40nm
 BCAA 150.69 213 ePKPc 50 12.10 1.1
 0.9s 18.00nm
 i 50 17.30
 i 50 28.00
 HRI 152.17 285 ePKP 50 19.90 7.1X
 DSI 152.37 281 ePKP 50 19.80 6.9X
 MBH 152.58 277 ePKP 50 20.60 7.2X
 ADI 152.60 285 ePKP 50 20.80 7.5X
 GEC2 159.58 340 PKP 50 20.60 -1.2
 1.2s 1.71nm

S.D. = 1.3 an 23 of 31 abs.

OCT 23, 1992 09h 11m 09.00 ± 0.21s
 31.355 N ± 2.5km 4.318 W ± 2.4km
 DEPTH = 28.6km (10 depth phases)
 5.3mb (88 obs.) 5.2Msz (30 obs.)
 MOROCCO (395)

MD 5.2 (RBA). mbLg 5.0 (MDD).
 At least two people killed at
 Rissani. Felt (VI) at Rissani
 and (V) at Erfoud. Felt
 throughout much of Morocco from
 Fes to Marrakech.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 30S, 57C
 Centroid Location:
 Origin Time 09:11:10.8 0.4
 Lat 31.10N 0.04 Lon 4.26W 0.03
 Dep 33.6 3.4 Half-duration 1.5
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr = 0.15 0.05 Mtt = -0.41 0.08
 Mff = 0.26 0.08 Mrt = 0.85 0.14
 Mrf = -0.61 0.14 Mtf = -2.10 0.06

Principal Axes:

T Val= 2.49 Plg=24 Azm= 48
 N -0.27 65 246
 P -2.23 7 141
 Best Double Couple: Mo=2.4*10¹⁷
 NP1: Strike=187 Dip=69 Slip= 12
 NP2: 92 78 158

IFR 2.26 343 iPnd 11 46.00 0.7
 i (Sg) 11 49.50
 i 11 51.50
 TIO 2.56 261 iP 11 54.00 4.4X
 eS 13 21.00
 ZER 2.84 347 P 11 55.00 1.7
 AVE 3.26 307 iP 11 59.50 0.2
 eS 13 12.00
 RTC 3.36 321 P 12 02.00 1.3
 RSA 3.74 341 P 12 08.50 2.3
 CIA 3.81 274 P 12 06.00 -1.1
 EMEL 4.10 16 iPnd 12 10.78 -0.5
 TSY 4.24 341 P 12 15.00 1.8
 OJEN 4.84 348 iP 12 26.00 4.2X
 PLAT 4.90 346 iP 12 25.00 2.3
 EJIF 5.17 350 iPnc 12 26.00 0.1
 Sn 13 27.60
 CNIL 5.21 344 iP 12 28.00 1.1
 SFS 5.33 343 iP 12 29.00 0.3
 MAL 5.36 359 iPnd 12 29.00 -0.1
 ALJ 5.41 349 iP 12 28.00 -2.0
 EGUA 5.50 6 iPnd 12 29.57 -1.6
 ANTZ 5.60 241 iPnc 12 29.50 -3.0X
 i (Sn) 13 07.00
 i 13 11.00
 i 13 12.50
 i 13 15.50
 LIJA 5.60 351 iP 12 30.00 -2.7X
 GIBL 5.62 346 iP 12 33.00 0.1
 EPRU 5.65 353 iPnc 12 32.74 -0.5
 Sn 13 38.00
 ENIJ 5.87 17 iPnd 12 34.69 -1.7
 ECGO 5.94 6 iPnc 12 37.43 0.0
 ELUQ 6.19 0 iPnd 12 39.45 -1.5
 EHQR 6.50 353 iPnd 12 43.30 -1.9
 eSn 13 58.00
 EVAL 6.53 343 iPnd 12 43.83 -1.8
 eSn 13 59.80
 EHUE 6.60 12 iPnc 12 46.51 -0.2
 EBAN 6.81 4 iPnc 12 49.03 -0.5
 eSn 14 04.00
 EALH 6.91 19 iPnd 12 49.94 -1.1
 eSn 14 05.00
 EVIA 7.42 11 iPnd 12 57.28 -0.9
 eSn 14 20.00
 ACU 7.83 23 iPnd 13 02.23 -1.6
 LIS 8.34 333 eP 13 09.00 -2.0
 ECHE 8.66 17 iPnc 13 15.26 -0.1
 eSn 14 48.00
 EPLA 8.81 351 iPnd 13 15.39 -2.0
 eSn 14 54.00
 GUD 9.27 1 iPnc 13 23.46 -0.4
 eSn 15 05.50
 ETOR 9.62 10 iPnc 13 27.03 -1.7
 eSn 15 12.00
 EROQ 10.19 21 iPnc 13 34.51 -1.9
 EBR 10.21 21 eP 13 38.00 1.3
 ESEL 10.24 33 iPnc 13 34.67 -2.5X
 OAR 11.14 70 iPd 13 46.50 -3.0X
 ECR1 11.32 7 iPnd 13 51.91 -0.1
 EZAM 11.33 343 iPnc 13 50.40 -1.6
 SYA 11.45 69 iPd 13 51.00 -2.7X
 ISSF 11.98 13 P 14 00.71 -0.2
 STS 11.99 345 iPnd 14 00.97 0.0
 BOH 12.02 12 P 14 00.80 -0.6
 ATE 12.06 13 P 14 00.84 -1.8
 ESCF 12.07 13 P 14 01.19 -0.9
 JAU 12.08 14 P 14 01.28 -0.9
 ELYF 12.09 12 P 14 01.08 -1.2
 MADF 12.09 12 P 14 00.99 -1.3
 OGE 12.18 13 P 14 02.71 -0.8
 SGNL 12.20 75 iPd 13 58.00 -5.7X
 SALF 12.20 20 P 14 04.96 1.2
 EPF 12.23 16 eP 14 04.40 0.2
 1.4s 191.70nm 6.1mb
 EMON 12.29 350 iPnc 14 05.95 0.9
 eS 16 20.00
 MEDT 12.30 73 iPd 14 02.00 -3.1X
 ETOR 12.34 26 iPnd 14 04.24 -1.3

TROT 12.35 66 iPd 14 04.80 -1.1
 MART 12.50 76 iPd 14 04.50 -3.3X
 ZGN 12.99 63 iPc 14 14.30 -0.1
 LPO 13.99 16 eP 14 26.80 -0.6
 1.3s 140.10nm 5.5mb
 LFF 14.13 15 eP 14 29.60 0.4
 1.3s 224.55nm 5.7mb
 CAF 14.44 18 eP 14 33.10 -0.2
 1.2s 155.30nm 5.4mb
 RJF 14.65 16 eP 14 35.10 -1.0
 1.9s 204.35nm 5.3mb
 Z 23s 6.60um 4.9Msz
 LMR 14.72 33 eP 14 37.30 0.4
 1.6s 230.10nm 5.4mb
 LRG 14.74 32 eP 14 37.80 0.6
 1.2s 82.10nm 5.0mb
 Z 22s 6.76um 5.6Msz
 FRF 14.96 32 eP 14 41.30 1.3
 CALN 15.22 32 P 14 45.89 2.3
 PGF 15.41 40 eP 14 46.00 -0.1
 1.7s 554.35nm 5.5mb
 ERC 15.41 60 P 14 49.08 3.0X
 0.6s 56.20nm 5.0mb
 REVF 15.43 33 P 14 47.99 1.7
 MVIF 15.45 33 P 14 45.63 -1.0
 COLF 15.46 22 P 14 46.28 -0.3
 AURF 15.52 33 P 14 48.20 0.7
 SSB 15.53 24 P 14 49.76 2.2
 LSF 15.55 15 eP 14 46.80 -0.9
 1.2s 134.50nm 5.0mb
 MFF 15.56 11 eP 14 48.20 0.3
 1.3s 166.80nm 5.1mb
 TOUF 15.58 33 P 14 49.42 1.0
 AUTN 15.65 33 P 14 50.24 0.9
 SAOF 15.70 33 P 14 50.28 0.5
 TCF 15.74 17 eP 14 54.20 3.9X
 1.1s 253.95nm 5.3mb
 SURF 15.75 31 P 14 52.09 1.5
 MAF 15.77 18 eP 14 54.70 4.1X
 1.3s 200.00nm 5.1mb
 DOI 15.96 31 P 14 54.30 1.2
 FAI 15.99 63 P 14 55.90 2.5
 MCT 16.06 62 P 14 56.60 2.1
 BNI 16.15 29 P 15 00.00 4.4X
 BGF 16.16 18 eP 14 59.10 3.5X
 1.1s 176.80nm 5.1mb
 CKI 16.38 34 P 15 02.40 4.1X
 GIB 16.47 61 P 15 01.60 2.0
 AVF 16.51 19 iPc 15 03.40 3.4X
 1.2s 248.75nm 5.2mb
 LPG 16.55 28 eP 15 05.20 4.4X
 1.5s 518.15nm 5.4mb
 LPL 16.55 28 eP 15 05.10 4.3X
 1.3s 320.60nm 5.3mb
 SSF 16.80 19 iPc 15 06.70 3.0X
 1.6s 302.25nm 5.2mb
 LPF 16.84 8 eP 15 06.30 2.1
 1.2s 77.65nm 4.7mb
 LBF 16.86 20 eP 15 07.40 2.9X
 1.5s 136.30nm 4.9mb
 MNO 16.95 62 P 15 07.63 1.8
 1.0s 200.10nm 5.2mb
 EMS 17.09 28 iPc 15 11.20 3.7X
 BOB 17.19 35 P 15 12.40 3.7X
 GRR 17.21 8 eP 15 10.40 1.6
 1.4s 108.90nm 4.8mb
 DIX 17.29 28 iPd 15 13.00 2.9X
 MME 17.43 38 P 15 13.64 1.8
 1.6s 235.40nm 5.1mb
 FIR 17.46 40 eP 15 15.00 3.1X
 i 18 50.00
 MNS 17.46 46 P 15 12.60 0.6
 MMK 17.50 30 iPc 15 15.30 2.7X
 LDF 17.51 9 eP 15 13.30 0.8
 ATN 17.60 62 P 15 13.80 0.1
 FLN 17.63 8 eP 15 14.70 0.7
 1.1s 46.65nm 4.5mb
 Z 21s 3.55um 5.1Msz
 RFI 17.74 51 P 15 16.12 0.7
 1.5s 734.10nm 5.6mb
 CRE 17.76 42 P 15 15.90 0.1
 PGD 17.78 41 P 15 18.52 2.4
 SDI 17.83 50 P 15 15.90 -0.7
 ASS 17.84 44 P 15 17.80 1.1
 SFI 17.89 41 P 15 18.30 1.1
 AQU 17.90 47 P 15 18.80 1.4
 TMA 17.93 31 iPc 15 19.60 1.7

SOI	18.02	63 P	15 19.50	0.6	ULC	21.60	54 iPd	15 58.27	-0.3		2.3s	2016.60nm	6.2mb
MDI	18.06	33 P	15 20.10	0.8	BERA	21.67	58 eP	15 57.70	-1.5			e	16 34.80
LOMF	18.12	25 P	15 21.26	1.1	GRF	21.72	28 ePc	15 58.80	-0.8	ATH	23.93	66 eP	16 22.00 0.6
DUI	18.23	50 P	15 21.90	0.3		Z 20s	2.00um		4.5msz			eS	20 40.00
RSM	18.23	42 P	15 24.72	3.3X			eS	20 00.30		KNT	23.95	58 eP	16 21.72 0.2
ARV	18.26	44 P	15 23.00	1.2	NKY	21.76	52 iPd	15 59.73	-0.5	EKA	23.98	2 P	16 30.00 8.3X
MGR	18.33	56 P	15 15.56	-7.1X	TTG	21.79	53 iPd	16 00.06	-0.3		1.5s	53.80nm	4.9mb
SAL	18.33	35 P	15 24.00	1.4	LACI	21.81	55 eP	16 01.00	0.5	BUD	24.04	41 eP	16 22.20 -0.2
BBS	18.47	26 P	15 24.82	0.4	SDA	21.81	54 eP	16 00.50	0.0	SOH	24.19	59 eP	16 24.88 0.9
VDL	18.49	31 iPd	15 26.30	1.5	KMR	21.81	35 iP+	15 58.10	-2.4	PAIG	24.23	62 eP	16 23.36 -1.0
GRI	18.51	61 P	15 24.96	0.0	TIR	21.82	56 eP	16 00.00	-0.7	KKB	24.27	57 eP	16 24.00 -0.7
HAU	18.51	23 eP	15 24.70	-0.2	DLF	21.99	356 eP	16 05.00	2.8X	SRS	24.44	59 eP	16 26.72 0.4
	1.7s	195.55nm		5.0mb	WET	22.00	31 iPc	16 01.30	-1.2	OUR	24.55	61 eP	16 28.32 1.0
	Z 19s	2.40um		4.9msz		1.6s	514.00nm		5.7mb	VTS	24.58	55 iPc	16 29.00 1.1
BSF	18.52	24 P	15 25.23	0.2			eS	20 03.00		TIC	24.59	182 P	16 26.58 -1.4
LLS	18.58	30 iPd	15 27.30	1.4	DCN	22.08	355 eP	16 04.50	1.4		0.5s	29.00nm	5.1mb
VITF	18.58	22 P	15 25.98	0.2	GEC2	22.16	33 P	16 02.80	-1.3	BRN	24.64	26 ePd	16 29.50 1.4
MOF	18.65	25 P	15 27.00	0.3		1.3s	242.37nm		5.5mb	MMB	24.66	58 iPc	16 29.00 0.5
TDS	18.72	58 P	15 27.10	-0.4	WTS	22.19	18 iPd	16 05.50	1.3	BRNL	24.70	26 eP	16 23.70 -5.0X
ZLA	18.82	28 ePd	15 29.70	1.0		1.0s	90.00nm		5.2mb			ec	16 28.60
OSS	18.94	32 iPd	15 31.30	1.0			e	16 15.50		KSP	24.76	32 eP	16 28.30 -1.0
ECH	18.97	24 P	15 30.38	-0.2			e	16 35.00			1.5s	142.00nm	5.3mb
FEL	19.00	26 P	15 30.53	-0.4			e	24 40.50				ic	16 43.10
LIBD	19.07	25 P	15 31.63	-0.1	PLE	22.24	51 iPd	16 04.93	-0.1			e	21 03.00
SLE	19.09	27 iPc	15 31.80	-0.2	KHC	22.31	32 iPc	16 05.10	-0.4	KIC	24.87	181 P	16 29.04 -1.6
CDF	19.18	24 P	15 32.40	-0.7		1.5s	486.20nm		5.7mb		0.8s	49.50nm	5.1mb
CTI	19.19	36 P	15 32.60	-0.7		Z 20s	4.10um		4.9msz			S	20 57.00
WLS	19.21	24 P	15 32.65	-0.7		N 20s	2.90um			LIC	25.01	182 P	16 30.36 -1.6
OGA	19.48	33 iPc	15 36.50	-0.2		E 20s	2.90um			RAC	25.15	35 eP	16 33.00 -0.1
	1.6s	319.00nm		5.3mb			i	16 15.50		PGB	25.24	56 iPc	16 35.00 0.9
VVI	19.54	37 P	15 36.50	-0.7			e	16 36.50		GZR	25.30	49 ePd	16 36.00 1.4
	1.7s	233.00nm		5.2mb			S	20 08.00		RZN	25.40	58 iPd	16 37.00 1.3
BRT	19.77	55 P	15 36.81	-2.9	PVY	22.34	53 iPd	16 06.23	0.3	PLD	25.50	57 eP	16 38.00 1.6
SQTA	19.83	33 iPc	15 38.80	-1.5	IVA	22.39	52 iPd	16 06.72	0.3	SPC	25.68	39 eP	16 37.70 -0.5
	1.2s	339.00nm		5.5mb	DMU	22.61	356 eP	16 12.00	3.6X	OJC	26.05	37 ePc	16 41.00 -0.4
LANF	19.85	24 P	15 40.00	-0.4	MOX	22.63	27 iPc	16 08.20	-0.4	DIM	26.08	57 eP	16 42.00 0.2
MOTA	19.87	32 iPc	15 39.20	-1.6		1.4s	101.00nm		5.1mb	ALN	26.20	60 eP	16 45.24 2.3
	1.2s	268.00nm		5.4mb		Z 16s	2.90um		4.8mszX	EZN	26.22	63 eP	16 38.80 -4.3X
HOFF	19.87	24 P	15 40.72	0.1		N 23s	2.30um			PVL	26.26	55 eP	16 43.00 -0.4
WLF	19.91	20 iPd	15 41.76	0.7		E 22s	2.50um			COZ	26.29	50 eP	16 49.50 5.6X
WTTA	20.06	33 iPc	15 41.30	-1.5			eS	20 11.00		TNR	26.37	49 ePc	16 45.00 0.5
	1.2s	232.00nm		5.4mb	FNA	22.73	58 eP	16 09.96	0.1	UZH	26.51	42 ePc+	16 45.00 -0.7
TRI	20.07	39 ePd	15 42.60	-0.1	KZN	22.90	60 eP	16 11.60	0.2		2.0s	500.00nm	5.8mb
		ePP	16 14.00		AGG	23.03	63 iP	16 13.84	1.1		Z 13s	3.00um	5.0mszX
		eS	19 35.60		VKA	23.05	37 iPc	16 12.30	-0.4		E 13s	3.50um	
WATA	20.08	33 iPc	15 41.30	-1.7		3.0s	1500.00nm		6.0mb			e	16 52.20
	1.2s	347.00nm		5.6mb		Z 10s	2.50um		5.0mszX			e	17 48.80
FVI	20.14	36 P	15 43.20	-0.2			i	20 37.00		CMP	26.73	50 iPd	16 45.00 -2.8X
SNF	20.18	16 iPc	15 43.37	-0.5			LR	27 24.00		BUC	27.15	53 iPd	16 50.50 -1.0
		id	15 52.45		SKO	23.14	56 iPc	16 13.00	-0.7	MLR	27.40	50 eP	16 58.00 4.0X
RIY	20.19	41 eP	15 42.40	-1.6		Z 15s	2.71um		4.8mszX	ISR	27.68	51 ePd	17 01.00 4.5X
HVAR	20.25	49 iPd	15 43.60	-1.0			iPP	16 47.50		VRI	28.05	50 ePd	17 00.00 0.3
VOY	20.35	39 iPc	15 44.50	-1.3			iPPP	16 59.00		KHL	28.52	67 iP	17 05.60 1.4
RBL	20.44	37 P	15 46.00	-0.7			S	20 25.00		BCK	29.32	68 eP	17 11.30 -0.1
CEY	20.45	40 ePc	15 45.40	-1.4			iSS	21 26.00		KIS	29.83	49 iPc+	17 14.00 -1.7
	1.7s	250.00nm		5.3mb			iSSS	21 54.50			Z 16s	3.30um	5.1mszX
UCC	20.47	16 P+	15 47.00	0.1			LR	26 39.00			E 16s	3.00um	
		S	19 40.00		VLI	23.17	69 eP	16 14.50	0.4	HFS	31.19	17 eP	17 26.30 -1.3
FUR	20.56	31 iPc	15 46.60	-1.3	UZD	23.30	43 eP	16 16.00	0.8		1.3s	112.00nm	5.5mb
		iS	19 38.40		PRU	23.36	32 Pc	16 15.10	-0.6		Z 16s	1516.00um	7.8mszX
LJU	20.70	40 ePc	15 48.60	-0.7		1.6s	213.00nm		5.4mb			LR	27 43.00
	1.9s	1170.00nm		5.9mb		Z 12s	3.00um		5.0mszX	NB2	31.41	14 P	17 28.20 -1.3
		eS	19 36.00			N 12s	2.60um				1.4s	55.90nm	5.2mb
VBY	20.77	42 iPc	15 48.90	-1.2		E 12s	2.60um			CSS	31.60	73 eP	17 31.80 0.3
		i	15 53.00				e	16 40.60		UPP	32.06	21 eP	17 33.00 -2.2
ENN	20.84	19 iPd	15 50.90	0.3			e	16 51.50				iS	22 42.00
	0.9s	45.00nm		4.9mb			S	20 26.00		MNK	32.08	36 eP	17 37.00 1.6
		e	24 44.00		LIT	23.38	61 eP	16 16.40	0.3	RMN	33.30	81 eP	17 46.80 0.3
ECP	20.86	356 eP	16 01.10	10.2X	ZST	23.41	38 iP	16 16.20	-0.1	ATZ	33.44	77 eP	17 48.10 0.5
BHG	20.97	34 eP	15 50.00	-2.1			i(PP)	16 45.50		MBH	33.67	82 eP	17 50.40 0.7
	1.7s	677.00nm		5.8mb			i	16 54.50		GLH	33.78	77 eP	17 51.40 0.9
ECB	21.07	356 eP	16 04.80	11.8X			e	19 54.00		BCAO	34.33	137 iPc	17 54.00 -1.4
TNS	21.13	23 iPc	15 53.60	-0.1	GRG	23.53	59 eP	16 17.52	0.0		0.9s	68.00nm	5.6mb
VLO	21.27	58 iPd	15 53.50	-1.7	CLL	23.69	28 iPc	16 18.40	-0.6	AKU	35.38	350 iP	18 15.30 11.5X
HCY	21.28	52 iPd	15 53.88	-1.3		1.9s	290.00nm		5.5mb		1.0s	24.00nm	
KEK	21.28	60 eP	15 54.00	-1.3			eS	20 34.00		OBN	37.32	38 iPd	18 20.00 -0.2
BNS	21.37	20 ePd	15 54.60	-1.4	BRG	23.75	30 iPc	16 19.00	-0.5		1.2s	110.00nm	5.6mb
	Z 18s	8.20um		5.1msz		1.7s	400.00nm		5.7mb		Z 18s	2.60um	5.1msz
		id	15 57.40				iPP	16 34.70	68kmX		N 14s	1.90um	
ETA	21.37	357 eP	16 07.90	11.8X			iS	20 44.00			E 18s	1.20um	
ZAG	21.37	42 iPc	15 55.20	-0.9			ePcS	23 31.50				eS	24 08.00
PTJ	21.40	42 iP	15 54.60	-2.0	SRO	23.83	40 iPc	16 20.70	0.4	KIV	38.79	57 iPc	18 33.30 0.4
BDV	21.43	53 iPd	15 56.17	-0.7		1.4s	373.80nm		5.7mb			e	20 01.60
SRN	21.47	60 iPd	15 56.30	-0.9			e	20 33.90		MTA	40.32	61 eP	18 45.00 -0.4
BRY	21.49	51 iPd	15 56.22	-1.4			i	21 36.40		SDF	40.39	18 iP	18 46.00 0.3
VLS	21.53	65 eP	15 56.00	-1.8	THE	23.86	60 eP	16 21.20	0.5	GRO	40.95	59 iPd	18 52.00 1.4
TPE	21.60	59 eP	15 57.00	-1.5	VRAC	23.86	35 iPc	16 20.30	-0.3		1.5s	320.00nm	5.8mb

23d 09h

GRS	41.61	64	iPc	18	56.00	-0.3	POO	70.73	80	iPd	22	25.80	1.0	ARUT	84.61	311	eP	23	42.44	1.1	
TAB	1.3s	120.00nm			5.5mb		UER	70.94	41	iPc	22	25.00	-0.5	BMW	84.93	323	epP	23	51.85	30km	
KEV	41.74	66	iP+	18	56.00	-1.4		1.8s	54.00nm			5.3mb		LZH	84.97	51	eP	23	46.92	4.3X	
APA	42.29	16	eP	19	10.00	8.8X	YKA	71.29	333	eP	22	26.90	-0.5		1.4s	45.00nm			5.5mb		
KER	42.42	20	iPd	19	03.40	1.1		0.8s	3.30nm			4.5mb		Z	20s	0.84um			5.1Msz		
MJMA	42.93	72	e(P)	19	08.00	0.9	TIK	72.21	14	iPd	22	33.00	0.2	E	15s	0.69um					
KMTA	43.60	84	ePd	19	13.60	1.0		1.4s	55.00nm			5.4mb		MRX	85.58	290	(P)	23	48.50	2.3	
DHJN	44.50	96	ePd	19	21.00	0.9		Z	18s	1.00um		5.1Msz		TUC	85.98	306	eP	23	50.02	1.8	
LWI	45.25	96	ePd	19	27.30	1.0	MIAR	72.46	300	eP	22	34.28	-0.6		0.8s	9.50nm			5.1mb		
LMN	45.90	131	iPc	19	31.30	0.1		1.1s	25.15nm			5.1mb		Z	18s	0.91um			5.2Msz		
SHI	48.33	305	eP	20	01.50	11.7X		Z	19s	1.19um		5.2Msz				epP	23	59.61	30km		
KAT	48.54	77	eP	19	52.00	0.2	OCO	74.87	302	iPd	22	49.10	0.2	BTO	86.15	44	eP	23	49.00	0.1	
	49.28	63	iP+	19	57.00	-0.1	GKN	75.19	66	P	22	50.04	-1.0	TPNV	86.91	312	P	24	00.00	7.2X	
		e		21	55.00		HYB	75.20	78	eP	22	50.00	-1.1	Z	20s	2.46um			5.6Msz		
		ePPP		22	51.00									BONR	87.58	314	(P)	23	57.48	1.3	
		iS		27	05.00		RSSD	75.21	313	e	22	51.04	0.0	CD2	87.91	55	eP	23	58.60	1.1	
		ePS		29	42.00			1.1s	12.32nm			4.8mb		GSC	88.27	311	eP	23	59.83	0.6	
ARU	49.69	40	ePc	19	59.50	-0.6		Z	20s	0.77um		5.0Msz		MDZ	88.29	229	e(P)	23	47.70	-11.5X	
	1.6s	160.00nm			5.8mb		ACO	75.51	304	iPd	22	52.40	-0.2	WDC	88.43	318	P	24	10.00	10.2X	
SVE	50.83	40	ePc	20	08.50	-0.3	DMN	75.74	66	P	22	53.76	-0.6	Z	19s	0.69um			5.1Msz		
	2.0s	220.00nm			5.8mb		KKN	75.79	66	P	22	54.08	-0.5	CMB	88.81	315	P	24	10.00	8.3X	
		e		22	02.00		PKI	75.99	66	P	22	54.58	-1.3	Z	21s	1.09um			5.2Msz		
ASH	51.12	64	eP	20	10.70	-0.6	MEQ	76.02	302	iPd	22	55.40	-0.1	ISA	89.11	312	P	24	10.00	6.7X	
MAIO	52.40	66	iPc	20	20.30	-0.8	GBA	76.09	82	P	22	55.70	-0.4	Z	19s	1.00um			5.2Msz		
		eS		28	00.00		GUN	76.20	66	P	22	56.48	-0.6	TIY	89.43	45	eP	24	04.60	-0.1	
HRV	53.61	302	P	20	40.00	10.3X	ZAK	76.58	39	iPc	22	59.30	1.1	XAN	89.53	50	P	24	05.80	0.6	
	Z	18s	1.49um		5.1Msz			2.0s	44.00nm			5.1mb			1.0s	8.50nm			5.0mb		
JAO	54.64	316	eP	20	44.00	6.8X		Z	17s	1.11um		5.2MszX				pP	24	14.20	26km		
PDCR	54.95	223	eP	20	38.80	-1.1		E	19s	2.60um				BJI	90.09	41	eP	24	07.50	-0.1	
		e		20	44.70		CCH	76.59	240	P	23	00.80	1.6	Z	22s	0.93um			5.2Msz		
RSNY	55.31	305	P	20	50.00	7.8X	ZOBO	77.39	242	iPc	23	03.80	-0.3	KMI	90.51	60	eP	24	10.60	0.5	
	Z	19s	2.05um		5.2Msz		LPB	77.52	242	eP	23	08.00	3.5X	CHG	91.14	67	eP	24	13.20	0.4	
TBR	55.85	301	eP	20	45.70	-0.4	GLD	78.17	309	P	23	20.00	12.5X	HON	121.86	331	PKP	30	10.00	7.6X	
		e		20	54.39			Z	18s	1.47um		5.4Msz		Z	20s	0.71um			5.3Msz		
BRVK	56.64	44	iPc	20	51.00	-0.6	GOL	78.29	309	eP	23	08.30	0.0	ASPA	142.34	89	ePKP	30	43.40	2.3X	
	1.5s	60.00nm			5.4mb			0.9s	4.48nm			4.5mb			1.2s	3.90nm					
KRI	57.94	141	iPd	21	11.00	9.7X		Z	20s	2.08um		5.5Msz			S.D. = 1.1	on 316 of 379 obs.					
		iP		21	41.30	127kmX	LSA	79.38	62	Pd	23	15.50	0.8								
BUL	60.17	144	eP	21	15.50	-1.3		1.2s	35.00nm			5.3mb									
QUE	60.20	71	eP	21	17.20	0.2	LRM	79.40	317	eP	23	15.30	1.1								
MCWV	60.38	301	P	21	30.00	12.2X	YAK	79.86	20	eP	23	16.00	0.0								
	Z	22s	2.77um		5.4Msz			1.2s	35.00nm			5.3mb									
CEH	61.01	296	P	21	30.00	7.9X		Z	21s	0.90um		5.1Msz									
	Z	18s	2.18um		5.3Msz			N	18s	0.40um											
FRU	61.87	55	iPc	21	27.40	-0.5		E	23s	0.80um											
	1.8s	130.00nm			5.8mb																
	Z	16s	0.04um		3.7MszX																
		e		21	36.00		FBA	79.92	345	eP	23	17.64	1.3								
BDF	62.74	228	e(P)	21	35.00	0.8		1.6s	11.85nm			4.7mb		VRI	0.07	355	iPd	22	05.30	43.9X	
		e		21	42.00		IMA	80.07	348	eP	23	18.33	1.1	MLR	0.63	241	iPc	21	13.00	-13.2X	
		e		21	43.40			1.1s	7.86nm			4.6mb									
		e		21	44.30		GTA	80.47	50	eP	23	20.00	0.1	ISR	0.67	192	iPc	21	34.00	7.4X	
		e		21	51.00			1.5s	21.00nm			4.9mb		BIR	0.78	53	iPc	22	32.00	64.3X	
KSH	63.94	58	P	21	42.50	0.7		Z	20s	1.04um		5.2Msz		CLI	0.84	27	iPc	22	30.50	61.9X	
	1.2s	160.00nm			6.0mb			E	18s	0.98um				PTT	1.16	348	iP	21	33.50	0.9	
	Z	18s	2.49um		5.4Msz									CFR	1.17	121	iPd	21	39.00	6.4X	
	N	10s	0.81um											MTUR	1.31	245	iP	21	43.00	8.4X	
		pP		21	54.00	39km								BUC	1.45	198	iPc	21	39.00	2.5	
		PP		24	02.00		NEW	80.58	321	eP	23	20.00	-0.2	COZ	1.75	255	iPd	21	46.00	5.4X	
		S		30	19.00			1.0s	15.00nm			5.0mb		KIS	1.91	50	iPc+	21	45.50	2.8	
PRM	64.16	296	eP	21	43.74	0.6									0.6s	900.00nm					
PRZ	64.62	54	iPd	21	47.00	0.7	CIT	80.83	34	eP	23	22.00	0.5			iS					
	1.0s	100.00nm			5.9mb		DPW	81.40	321	eP	23	25.09	0.6	DEV	2.68	273	iPd	21	54.50	1.1	
SLR	64.76	148	iPc	21	45.00	-2.2								PVL	2.77	202	iPc	21	56.00	1.4	
	1.5s	55.56nm			5.5mb		ALO	81.52	306	eP	23	26.52	0.9	GZR	2.81	263	iPd	21	36.00	-19.3X	
	Z	18s	3.44um		5.6Msz			1.0s	3.52nm			4.3mb		8MR	2.91	311	iPd	22	04.00	7.4X	
MBC	65.41	346	eP	21	51.50	0.8								JMB	3.33	182	iPd	21	51.00	-11.5X	
	1.0s	6.00nm			4.7mb		DAU	81.72	312	eP	23	26.85	0.2	CEI	3.49	304	eP	22	06.00	1.2	
ELT	65.88	41	eP	21	53.30	-0.7	EMUT	81.77	312	eP	23	26.88	0.0	PGB	3.73	211	iPc	22	09.00	0.8	
	1.8s	62.00nm			5.4mb									DIM	3.84	193	iP	22	10.00	0.3	
	Z	12s	1.10um		5.3MszX		SRU	81.98	311	eP	23	27.53	-0.4	PLD	3.97	202	iPd	22	11.00	-0.5	
		eS		30	41.00		KLU	82.38	343	(P)	23	30.90	1.5	DMK	4.04	169	iPn	22	12.90	0.4	
KIM	65.88	152	eP	22	05.00	10.6X	SIT	82.71	335	P	23	40.00	9.0X	VTS	4.09	220	iPc	22	12.00	-1.3	
JFWS	66.68	307	P	22	10.00	10.7X		Z	21s	1.28um		5.3Msz		UZH	4.15	315	iPc	22	13.50	-0.4	
	Z	18s	2.20um		5.4Msz		DUG	82.82	313	eP	23	33.83	1.6		0.9s	1400.00nm					
ELC	68.11	301	eP	22	06.80	-1.6										iS					
FVM	68.70	302	eP	22	10.81	-1.3	PMR	83.09	344	P	23	42.12	26km	RZN	4.36	200	iPc	22	17.00	-0.2	
	0.6s	14.64nm			5.3mb									LVV	4.41	337	eP	22	18.00	0.3	
	Z	19s	1.53um		5.2Msz											iS					
		epP		22	19.99	29km	TTA	83.35	347	eP	23	35.94	1.5			iPc					
WMO	70.40	50	P	22	23.00	0.5		1.3s	11.94nm			4.9mb		KKB	4.73	215	iPc	22	22.00	-0.2	
	1.0s	25.00nm			5.3mb		MSU	83.38	311	eP	23	35.87	0.6	MMB	4.74	208	iPc	22	22.00	-0.3	
	Z</																				

SIM	5.27	97	eSn	23	22.10		AGG	7.51	207	iS	24	20.00		LMR	1.0s	70.00nm	4.9mb				
			iS	22	31.00	1.3	VKA	7.53	293	ePn	22	59.96	-0.9		14.62	268	eP	24	42.00	5.9X	
GBZT	5.38	157	iPd	22	30.20	-1.1	VRAC	7.71	301	iPc	23	01.00	-0.1		1.2s	73.50nm	4.9mb				
VAY	5.40	216	iPn	22	31.30	-0.2		1.4s	201.10nm			5.6mb		LRG	14.69	268	eP	24	43.00	6.0X	
	0.5s	556.00nm			6.1mb	X			e	23	03.60				1.0s	63.40nm	4.9mb				
			i	23	14.30				i	23	10.00			GRN	14.72	275	P	24	40.61	3.1X	
			iSn	23	23.00		SRN	7.71	222	ePn	23	05.70	2.2		NUR	14.79	356	iP	24	32.80	-5.4X
			Lg	23	33.00		KHL	7.75	164	iPn	23	03.30	-0.9				eS	27	06.00		
KNT	5.41	212	ePn	22	31.12	-0.5	CTK	7.80	128	eP	23	04.60	-0.4	UPP	15.10	342	iP	24	38.10	-4.0X	
			eSn	23	27.40		HVAR	7.81	254	ePn	23	03.60	-1.3				iS	27	05.00		
SKO	5.41	227	ePn	22	30.70	-1.0	VBY	8.05	272	iPc	23	08.00	-0.2	DOU	15.43	294	P	24	50.90	4.5X	
	0.8s	186.00nm			5.4mb				i	23	13.40				0.6s	11.80nm	4.3mb				
			ePb	22	39.00		MNK	8.13	3	eP	23	14.00	4.7X	LBF	15.74	283	eP	24	52.90	2.4X	
			iPg	22	47.70		CIN	8.25	172	eP	23	10.00	-1.0		1.0s	28.80nm	4.4mb				
			i	23	11.00		KVT	8.25	122	iPn	23	09.50	-1.6	LOR	15.80	284	eP	24	53.30	2.1X	
			iSn	23	18.60		KSP	8.59	310	iPd	23	13.80	-1.9		1.1s	30.50nm	4.4mb				
			i	23	26.80			0.9s	131.00nm			5.8mb	X	SMF	15.86	281	eP	24	54.30	2.3X	
			iSb	23	30.00				i	23	23.00				0.8s	35.05nm	4.6mb				
			Lg	24	33.30		TRHT	8.80	125	eP	23	18.00	-0.6	SSF	16.06	283	eP	24	56.70	2.3X	
BNT	5.51	171	iPn	22	33.50	0.5	BCK	8.81	160	iP	23	12.00	-6.8X		0.8s	13.95nm	4.1mb				
EDC	5.51	171	iPn	22	33.00	-0.1	TRI	9.07	274	eP	23	23.70	1.5	COLF	16.11	277	P	24	58.22	3.2X	
SOH	5.55	208	iPn	22	33.17	-0.5	PRU	9.20	302	P	23	24.00	0.0	AVF	16.18	282	eP	24	57.40	1.4	
SPC	5.55	310	iPnd	22	33.90	0.0			e	23	31.30			1.0s	20.60nm	4.2mb					
BUD	5.57	290	iPd	22	33.30	-0.6			e	24	11.00		HFS	16.32	336	eP	24	54.30	-3.3X		
YLV	5.57	159	iPn	22	34.90	0.9	GEC2	9.36	294	Pn	23	25.50	-0.8		0.6s	43.00nm	4.8mb				
KCT	5.67	167	iPn	22	35.40	0.1			Sn	24	41.00		KAF	16.35	359	iP	24	52.70	-5.2X		
IVA	5.71	242	ePn	22	36.70	0.8			Sg	25	10.80		BGF	16.55	281	eP	25	02.50	1.9		
			eSn	23	36.00		SOC	9.51	99	eP	23	30.00	1.8		1.1s	67.40nm	4.7mb				
UZD	5.72	281	eP	22	35.00	-0.9		1.0s	400.00nm			6.3mb	X	MAF	16.78	280	eP	25	05.80	2.3X	
GRG	5.78	215	ePn	22	35.84	-1.0			eS	25	08.00				0.9s	19.65nm	4.3mb				
			eSn	23	35.72		KHC	9.51	295	Pc	23	28.00	-0.3	TCF	17.02	280	eP	25	08.60	2.1X	
PLE	5.79	247	ePn	22	36.70	-0.4		0.9s	18.50nm			5.0mb			0.9s	26.55nm	4.4mb				
			eSn	23	38.00				e	23	36.50		CAF	17.35	276	eP	25	13.70	3.2X		
EYL	5.80	153	iPn	22	38.00	0.8			e	24	06.00			1.0s	39.60nm	4.6mb					
OUR	5.82	201	ePn	22	36.56	-0.8	SVST	9.62	125	eP	23	29.40	-0.5	LSF	17.49	281	eP	25	13.70	1.4	
THE	5.85	209	ePn	22	36.98	-0.8	BHG	9.70	286	iPc	23	32.30	1.4		0.9s	43.25nm	4.7mb				
			eSn	23	37.64			0.9s	29.00nm			5.3mb	RJF	17.65	277	eP	25	16.30	2.0		
EZN	5.98	183	iPn	22	38.80	-0.7	WET	9.96	295	iPc	23	33.50	-0.9		0.9s	53.70nm	4.8mb				
DVR	6.01	139	iP	22	38.90	-1.3	WTTA	10.51	283	iPc	23	50.80	8.8X	NB2	17.77	335	P	25	11.80	-3.8X	
			eS	23	45.60			0.7s	23.90nm			5.3mb		0.8s	8.00nm	4.0mb					
GPA	6.10	153	iPn	22	41.00	-0.3	CLL	10.64	306	e(P)	23	42.00	-1.5	LPO	18.01	276	eP	25	21.00	2.4X	
SRO	6.12	292	i(Pn)	22	41.30	-0.3			e	23	53.00			0.9s	23.60nm	4.4mb					
			e	41	01.00		FUR	10.83	288	eP	23	54.70	8.6X	LFF	18.26	277	eP	25	22.70	1.0	
GYN	6.18	150	eP	22	43.30	0.8	HOF	10.92	300	iPd	23	47.10	-0.3		1.0s	150.00nm	5.2mb				
			eS	23	51.00		OGA	10.92	281	iPd	23	49.70	2.1	LDF	18.43	288	eP	25	22.00	-1.7	
PAIG	6.28	202	ePn	22	42.70	-1.1	GRF	11.15	296	e(P)	23	49.00	-1.4		0.8s	93.20nm	5.1mb				
			eSn	23	47.40		MOX	11.19	301	(Pn)	23	52.10	1.2	MFF	18.60	282	eP	25	24.30	-1.4	
TTG	6.34	241	ePn	22	45.00	0.4	OBN	11.23	30	iPd	23	48.70	-2.7X		0.9s	58.30nm	4.8mb				
			eSn	23	51.50			1.2s	110.00nm			5.7mb	FLN	18.66	289	eP	25	24.70	-1.8		
FNA	6.35	220	ePn	22	44.72	-0.1			iS	25	47.00			0.8s	94.30nm	5.1mb					
OJC	6.42	316	iPc	22	45.10	-0.6	KIV	11.47	94	eP	23	53.30	-1.6	GRR	18.93	288	eP	25	26.60	-3.0X	
	1.0s	676.00nm			6.1mb	X			eS	25	52.70			0.6s	32.90nm	4.7mb					
			i	22	50.40		MDI	11.89	276	P	24	12.20	12.0X	EPF	19.03	271	eP	25	31.00	0.2	
SDA	6.43	237	ePn	22	48.00	2.2	CSS	11.93	153	eP	24	04.00	3.2X		0.8s	18.55nm	4.4mb				
LIT	6.49	210	ePn	22	45.76	-0.9	VDL	12.00	279	P	24	05.52	3.6X	LPF	19.07	287	eP	25	28.30	-2.8X	
			eSn	23	52.70		MOS	12.09	31	eP	24	01.00	-1.9		0.7s	38.05nm	4.7mb				
SGKT	6.51	141	eP	22	46.90	-0.2		2.0s	220.00nm			5.7mb	KER	19.27	119	eP	25	35.00	1.4		
NAL	6.52	147	eP	22	47.10	-0.1	LLS	12.31	281	P	24	08.30	2.2X	MOL	20.07	334	eP	25	40.72	-0.8	
			eS	23	59.00		TMA	12.44	278	P	24	10.34	2.6X	ESY	20.96	310	eP	25	49.50	-1.2	
BRY	6.55	247	ePn	22	48.00	0.4	SLE	12.66	286	P	24	10.17	-0.3		0.8s	36.00nm	4.8mb				
			eSn	23	56.00		ZLA	12.72	284	P	24	12.14	0.8	EKA	21.10	308	Pd	25	51.10	-1.0	
LACI	6.57	233	ePn	22	47.50	-0.3	MMK	13.07	278	P	24	25.21	9.1X		0.8s	18.80nm	4.5mb				
			iSn	23	59.30		DIX	13.45	278	P	24	27.17	6.0X	EBL	21.15	309	ePc	25	51.70	-0.9	
ULC	6.63	237	ePn	22	50.20	1.6	CDF	13.51	288	eP	24	26.50	4.8X	ECRI	21.15	272	eP	25	52.20	-0.7	
			eSn	23	59.50			0.8s	7.95nm			4.4mb	EDI	21.27	309	ePc	25	53.00	-0.8		
TIR	6.68	231	ePn	22	49.50	0.2	MTA	13.68	101	iPc	24	23.80	0.0		0.9s	71.00nm	5.0mb				
			iSn	24	03.50				i	26	54.20		EAU	21.39	309	eP	25	54.00	-1.1		
BDV	6.69	241	ePn	22	51.00	1.5	GRO	13.73	93	iPd	24	27.50	3.0X	EBH	21.53	310	ePc	25	55.60	-0.8	
			eSn	24	00.70		EMS	13.79	278	P	24	30.00	4.6X		1.0s	46.00nm	4.8mb				
KAS	6.75	128	iPnd	22	49.40	-1.0	BSF	13.81	286	eP	24	30.70	5.1X	SDF	21.68	360	iP	25	57.70	-0.1	
			iSg	24	05.00			1.0s	23.80nm			4.6mb				iS	29	43.50			
HCY	6.81	243	ePn	22	52.00	0.9	SBF	13.83	269	eP	24	33.10	7.2X	ELO	21.70	310	ePc	25	57.20	-1.0	
			eSn	24	03.00			1.0s	46.00nm			4.9mb	EAB	21.96	310	eP	26	00.10	-0.6		
ZST	7.01	293	iPc	22	52.30	-1.6	LPG	13.98	276	eP	24	33.10	5.0X	APA	22.08	7	iPc	26	03.20	1.4	
			i	23	00.90			0.9s	69.45nm			5.1mb	ETA	22.44	300	eP	26	05.60	0.2		
BERA	7.10	227	ePn	22	56.10	1.0	LPL	13.99	276	eP	24	32.40	4.2X	ARU	22.44	50	iPc	26	05.70	0.3	
RAC	7.16	310	eP	22	55.00	-0.9		0.7s	37.25nm			4.9mb		1.0s	200.00nm			26	37.00	5.5mb	
ALT	7.18	158	iPn	22	55.70	-0.7	BNI	14.11	274	P	24	32.00	2.4X			e	26	46.00			
KART	7.19	127	eP	22	55.30	-1.2	HAU	14.11	286	eP	24	34.80	5.3X	ECP	22.50	299	eP	26	05.80	-0.2	
TPE	7.38	224	ePn	23	00.60	1.6		1.1s	41.25nm			4.7mb	DLF	22.69	301	iPd	26	08.30	0.5		
IZM	7.40	177	iPn	22	55.70	-3.7X	PUL	14.16	7	eP	24	25.00	-4.9X	EVIA	22.72	262	eP	26	09.00	0.6	
BBTK	7.42	141	eP	22	58.00	-1.6		1.0s	160.0												

23d 09h

KEV	24.03	0	iP	26	21.20	0.5
	0.8s	42.50nm			4.9mb	
ECOG	24.11	260	eP	26	20.10	-1.9
EPLA	24.59	268	eP	26	24.50	-1.9
MAIO	26.31	99	eP	26	47.00	4.5X
BRVK	28.87	59	iPc	27	07.00	1.6
	0.8s	24.00nm			4.9mb	
NDI	42.92	96	iPc	29	07.00	2.0
ZAK	49.23	55	eP	29	52.00	-2.6
	2.0s	35.00nm			5.0mb	
GBA	53.29	110	P	30	26.00	0.5
MBC	56.30	351	eP	30	47.00	0.1
	0.7s	4.00nm			4.6mb	
LZH	56.95	70	eP	30	53.00	0.8
	1.0s	25.00nm			5.3mb	
LMN	60.14	306	eP	31	16.00	2.0
JAQ	60.94	318	eP	31	18.00	-1.3
CHG	64.44	89	ePc	31	43.20	0.2
	0.8s	12.13nm			4.9mb	
YKA	67.72	342	eP	32	02.80	-0.4
	0.6s	6.20nm			4.7mb	
IMA	68.47	0	iPc	32	08.37	0.4
	1.0s	9.69nm			4.7mb	
FBA	69.56	358	eP	32	14.84	0.3
	1.0s	7.39nm			4.6mb	
YSS	71.86	40	iPc	32	29.00	0.3
	0.6s	20.00nm			5.2mb	
ULM	72.19	325	eP	32	33.00	2.4X
BALM	73.16	354	eP	32	37.79	1.6
SES	77.44	334	eP	33	00.00	-0.7
NEW	81.14	336	eP	33	21.00	0.4
	1.3s	12.26nm			4.7mb	
DPW	81.79	337	eP	33	24.06	0.0
LRM	81.92	333	eP	33	25.10	0.1
BW06	83.62	329	eP	33	33.50	-0.3
	0.7s	2.24nm			4.3mb	
PV10	87.27	327	eP	33	54.00	2.0
		epP			34 18.50	91kmX
BONR	90.89	333	eP	34	10.30	1.2
S.D. = 1.1 on 151 of 210 obs.						
& OCT 23, 1992 09h 25m 47.52s						
58.970 N 153.007 W						
DEPTH = 68.0km						
KODIAK ISLAND REGION (13)						
<AEIC>. ML 2.8 (AEIC).						
CDD	0.33	263	eP	25	58.29	-0.6
			eS	26	06.56	
AUI	0.43	330	eP	25	58.96	-0.7
			eS	26	07.49	
AUE	0.43	334	eP	25	59.26	-0.4
AUP	0.45	332	iP	25	59.43	-0.5
			eS	26	09.08	
AUH	0.45	331	eP	25	59.46	-0.5
AUW	0.47	329	eP	25	59.55	-0.5
AUL	0.47	332	eP	25	59.70	-0.3
SYI	0.48	138	eP	25	59.33	-0.8
			eS	26	08.58	
OPT	0.69	351	eP	26	01.71	-0.8
			eS	26	12.69	
MCNL	0.72	288	eP	26	02.04	-0.7
			eS	26	13.48	
HOM	0.98	45	eP	26	05.41	-0.5
			eS	26	18.85	
PDB	1.02	324	eP	26	05.41	-1.0
			eS	26	19.12	
CNPM	1.07	58	eP	26	05.93	-1.1
			eS	26	20.84	
INE	1.09	359	eP	26	06.09	-1.5
			eS	26	20.92	
INW	1.10	357	eP	26	06.28	-1.3
			eS	26	20.64	
KDC	1.26	167	eP	26	09.01	-0.5
BRLK	1.35	53	eP	26	10.54	-0.3
			eS	26	26.93	
RED	1.46	5	eP	26	10.86	-1.5
RS1	1.50	5	eP	26	11.62	-1.4
			eS	26	31.10	
RS2	1.50	5	eP	26	12.15	-0.9
			eS	26	31.23	
RSO	1.50	5	eP	26	11.83	-1.2
			eS	26	31.75	
RDW	1.52	4	eP	26	12.01	-1.3
			eS	26	32.57	
REF	1.53	6	eP	26	11.99	-1.5
			eS	26	32.10	

RDN	1.55	4	eP	26	12.72	-1.0
NCT	1.60	1	eP	26	13.16	-1.1
DFR	1.64	6	eP	26	13.70	-1.1
			eS	26	34.32	
RDT	1.64	10	eP	26	13.32	-1.5
			eS	26	33.46	
NKA	1.99	26	eP	26	21.41	1.9
SLKM	2.09	41	eP	26	19.36	-1.6
			eS	26	44.61	
BKG	2.14	10	eP	26	20.69	-1.0
SEW	2.14	56	eP	26	19.14	-2.5
CKL	2.26	8	eP	26	22.06	-1.4
SPU	2.27	12	eP	26	22.19	-1.3
CKT	2.27	10	eP	26	22.36	-1.2
BGL	2.32	7	eP	26	23.27	-1.0
CRP	2.34	10	eP	26	23.31	-1.3
CGLM	2.40	12	eP	26	24.25	-1.1
NGC	2.48	10	eP	26	25.28	-1.2
SVW	2.51	330	eP	26	25.42	-1.5
KNIM	3.01	60	eP	26	30.65	-3.2
SKT	3.11	13	eP	26	33.75	-1.5
KNK	3.34	41	eP	26	36.12	-2.4
HIN	3.60	64	eP	26	38.95	-3.1
VLZ	3.99	54	eP	26	44.61	-2.8
SGAM	4.24	65	eP	26	47.53	-3.5
KLU	4.35	51	eP	26	48.28	-4.4
46 obs. associated						

OCT 23, 1992 09h 28m 02.47 ± 0.19s
 6.659 N ± 3.4km 77.193 W ± 5.2km
 DEPTH = 10.0km (geophysicist)
 5.2mb (54 obs.) 4.9msz (4 obs.)
 NEAR WEST COAST OF COLOMBIA (102)
 Felt at Medellin and Manizales.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 10S, 14C
 Centroid Location:
 Origin Time 09:28: 9.6 1.9
 Lat 6.66N FIX; Lon 77.24W FIX
 Dep 15.0 FIX Half-duration 1.1
 Moment Tensor; Scale 10**17 Nm
 Mrr= 0.77 0.69 Mtt=-1.39 0.34
 Mtf= 0.62 0.49 Mrt= 1.45 0.95
 Mrf=-0.05 0.52 Mtf=-0.66 0.65
 Principal Axes:
 T Val= 1.63 Plg=54 Azm= 37
 N 0.61 24 269
 P -2.23 25 168
 Best Double Couple: Mo=1.9*10**17
 NP1: Strike=217 Dip=29 Slip= 34
 NP2: 97 74 115

HOBC	2.52	155	ePc	28	41.05	-3.2X
CLMC	2.83	167	iPc	28	48.00	-0.7
AZUC	3.13	160	iPc	28	51.75	-1.4
ANCC	3.14	174	iPc	28	52.88	-0.1
HOQC	3.22	170	iPc	28	53.47	-0.9
BOG	3.71	123	iPd	29	01.50	0.1
SILC	4.04	168	iPc	29	06.45	0.4
BMG	4.11	84	eP	29	03.00	-3.8X
PURC	4.39	169	ePd	29	12.36	1.2
SDV	6.87	71	ePnd	29	38.90	-7.0X
			iSn	30	49.40	
TOV	7.96	67	ePc	29	53.40	-7.6X
			iPP	29	54.90	
			iS	31	17.40	
CEOS	9.09	74	eP	30	07.30	-9.5X
			eS	31	40.80	
MORO	9.72	64	eP	30	15.90	-9.6X
			eS	31	51.20	
CAR	10.85	69	iPc	30	32.00	-9.0X
			iS	31	50.00	
LLAV	10.95	69	iPd	30	32.90	-9.5X
PCJ	11.02	0	iPd	30	42.20	-1.0
YHJ	11.19	3	iPd	30	46.92	1.4
			S	32	47.70	
HOJ	11.28	2	iPd	30	46.80	-0.1
GWJ	11.35	2	iPd	30	49.00	1.0
STH	11.36	2	iPd	30	44.94	-2.9X
			S	32	49.50	
CUM	13.42	73	eP	31	05.00	-10.6X
			iS	33	28.00	
TRN	16.10	75	eP	31	45.77	-4.9X
GRW	16.26	69	eP	31	43.13	-9.7X
TBH	16.39	75	eP	31	47.25	-7.1X
SVB	17.01	66	eP	31	56.05	-6.2X

SVV	17.06	66	eP	31	56.35	-6.5X
PAG	17.82	57	eP	32	08.00	-4.4X
NNA	18.53	179	eP	32	26.00	4.9X
	1.0s	46.00nm			4.6mb	
			eS	36	00.00	
IISM	23.15	304	(P)	33	14.50	4.4X
ARE	23.65	166	eP	33	16.00	0.7
IIT	23.94	303	(P)	33	38.50	20.4X
PPM	24.22	303	(P)	33	27.00	5.9X
ZOBO	24.50	159	P	33	23.00	-0.9
	Z 24s	2.04um			4.5mszX	
		S		37	46.00	
		LR		41	20.00	
III	24.63	300	(P)	33	30.00	5.3X
LPB	24.74	159	P	33	27.00	1.0
	Z 18s	4.12um			5.0msz	
		S		37	48.00	
		LR		41	38.00	
UNM	24.81	303	(P)	33	32.00	5.4X
CCH	26.26	156	P	33	38.30	-1.9X
HBF	26.31	354	eP	33	44.96	4.8X
SGS	26.58	354	eP	33	46.90	4.3X
MRX	26.67	301	(P)	33	48.50	4.9X
PRM	27.71	351	eP	33	56.98	4.1X
JSC	27.74	353	eP	33	52.30	-0.9
LHS	27.88	354	eP	33	53.71	-0.8
BLA	30.55	355	eP	34	17.20	-1.3
	0.8s	12.16nm			4.8mb	
NAV	30.69	354	eP	34	19.10	-0.6
OLY	31.56	337	eP	34	26.01	-1.3
MIAR	31.60	334	eP	34	27.03	-0.7
	1.9s	36.23nm			5.0mb	
ELC	32.40	342	eP	34	33.17	-1.4
FVM	33.42	341	eP	34	42.57	-0.9
	0.9s	38.17nm			5.3mb	
LNO	33.74	332	ePc	34	44.40	-1.8X
		e		34	48.80	
TUL	33.74	332	eP	34	45.	

GOL	41.51	327	eP	35	52.08	0.2	MFF	76.29	44	eP	39	54.70	1.4X	* OCT 23, 1992 09h 58m 55.75± 0.51s 52.166 N ± 14.4km 171.033 W ± 5.3km DEPTH = 33.0km (normol) 4.4mb (12 obs.) 4.8Msz (1 obs.) FOX ISLANDS, ALEUTIAN ISLANDS (9)						
VAO	41.75	136	eP	35	49.20	-4.5X	EPF	76.37	47	eP	39	55.50	1.6X							
RFA	42.02	169	iPc	35	56.20	0.4	LDF	76.48	42	eP	39	55.70	1.4							
PDCR	42.37	117	eP	35	52.30	-6.6X	SPU	76.91	331	(P)	39	51.64	-4.9X							
PV10	42.74	322	eP	36	03.00	1.0	RJF	77.36	45	eP	40	00.50	1.2	ADK	3.50	268	eP	59	50.50	1.3
BMA	43.55	133	eP	36	09.30	0.9	LSF	77.42	44	eP	40	00.70	1.1	YKA	31.14	21	eP	05	13.00	0.5
GLA	43.68	312	eP	36	11.43	2.0	CAF	77.72	46	eP	40	03.50	2.2X	SES	36.63	68	eP	06	01.00	0.4
RSSD	44.09	332	eP	36	12.72	-0.1	TCF	77.90	44	eP	40	04.30	2.0X	BONR	38.98	90	(P)	06	21.39	0.6
	0.7s	6.32nm			4.6mb		MAF	78.14	44	eP	40	04.90	1.3	BW06	41.44	78	eP	06	40.00	-0.9
SRU	44.10	322	eP	36	13.91	1.0	BGF	78.35	44	eP	40	05.80	1.1		1.2s	5.25nm			4.1mb	
EMUT	44.72	323	eP	36	18.40	0.4	AVF	78.71	44	eP	40	07.70	1.1	RSSD	43.96	73	eP	07	00.95	-0.4
MSU	44.77	320	eP	36	19.24	0.8	SSF	78.82	43	eP	40	09.00	1.7X		0.7s	2.24nm			4.1mb	
ARUT	45.17	319	eP	36	22.43	0.9	SMF	79.04	44	eP	40	09.60	1.1	PV10	44.41	83	eP	07	06.00	0.9
DAU	45.35	323	eP	36	23.39	0.2	LOR	79.07	43	eP	40	09.70	1.0	TUC	47.32	90	eP	07	27.70	-0.4
PEC	45.80	312	eP	36	27.43	1.0	ENN	80.53	40	eP	40	15.50	-0.8		0.9s	4.51nm			4.5mb	
	1.1s	18.83nm			5.0mb		LMR	80.89	47	eP	40	20.50	2.0X	BTO	53.09	291	eP	08	12.40	0.4
BW06	45.92	327	ePc	36	26.50	-0.9	FRF	80.99	47	eP	40	21.30	2.3X	MIAR	56.28	76	eP	08	33.85	-1.4
DUG	46.17	322	eP	36	30.30	1.0	WTS	81.10	38	eP	40	21.50	2.2X		0.9s	3.71nm			4.4mb	
	0.8s	13.07nm			5.0mb		SURF	81.10	46	P	40	22.69	2.9X	XAN	58.17	286	P	08	47.60	-1.0
ULM	46.18	343	eP	36	30.00	0.9	CDP	81.39	42	eP	40	23.40	2.3X	WMO	62.85	307	eP	09	20.10	-0.3
GSC	46.19	314	eP	36	31.06	1.5	NB2	83.45	29	P	40	30.60	-0.8	CD2	63.46	287	P	09	24.30	-0.2
TPNV	46.62	316	eP	36	35.44	2.5	GRF	83.95	41	ePd	40	33.00	-1.2	LMN	63.70	48	eP	09	28.00	2.1
	0.7s	11.03nm			5.0mb		HFS	84.72	30	eP	40	36.00	-1.8	GYA	64.97	281	iPd	09	34.00	-0.6
PTI	47.55	325	eP	36	40.52	0.3	SFI	84.74	47	P	40	34.30	-3.9X		1.0s	9.60nm			4.9mb	
ISA	47.57	313	eP	36	42.00	1.6	CLL	84.98	39	e(P)c	40	41.00	1.8	Z	20s	0.63um			4.8Msz	
	1.4s	21.67nm			5.0mb		KHC	85.52	41	eP	40	40.50	-1.6	KAF	65.24	351	iP	09	34.60	-1.0
HHA I	47.82	325	eP	36	42.31	0.0		0.9s	9.00nm			44.60			0.6s	3.90nm			4.7mb	
TNP	47.85	317	eP	36	43.53	0.7	KBA	85.54	43	iPc	40	41.40	-1.0	NB2	67.13	359	P	09	46.60	-1.1
	0.8s	11.40nm			5.0mb		BRG	85.61	39	eP	40	41.40	-1.0	HFS	67.99	357	eP	09	51.20	-1.9
BCH	48.53	312	eP	36	50.13	2.2		1.4s	24.00nm			46.60			0.4s	1.50nm			4.5mb	
BONR	48.53	316	eP	36	49.54	1.4	GEC2	85.63	41	P	40	41.00	-1.7	GUN	75.91	297	P	10	41.50	0.4
LRM	49.49	328	eP	36	54.60	-0.8	RBL	85.75	44	P	40	42.30	-1.0	KKN	76.34	298	P	10	43.50	0.2
ORV	51.49	316	eP	37	11.01	0.6	PRU	86.07	40	eP	40	47.50	2.8X	PKI	76.44	297	P	10	43.80	-0.3
NTYM	51.78	315	eP	37	11.03	-1.5X	SDI	86.37	49	P	40	46.20	-0.3	GKN	76.52	298	P	10	44.60	0.3
SES	51.94	333	eP	37	13.00	-0.7	VBY	87.02	45	eP	40	50.00	0.5	DMN	76.57	298	P	10	45.00	0.3
LBFM	52.59	318	eP	37	18.87	-0.1	KSP	87.09	39	eP	40	48.40	-1.3	BRG	77.25	357	e(P)	10	48.00	0.3
NEW	53.51	328	eP	37	24.50	-0.9	ZST	87.95	42	eP	40	55.50	1.6	KHC	79.01	357	eP	10	58.00	0.5
	1.2s	36.36nm			5.2mb		KEV	88.67	20	eP	40	58.00	1.0		1.0s	5.40nm			4.5mb	
FCC	53.58	349	eP	37	31.00	5.3X	SDF	89.07	22	iP	40	59.00	0.1	GEC2	79.29	357	PKP	10	59.40	0.3
FHC	53.75	317	eP	37	28.51	1.2	OJC	89.39	40	eP	40	57.70	-3.1X		0.8s	1.66nm			4.1mb	
	0.9s	79.48nm			5.7mb		SPC	89.85	41	eP	41	00.70	-2.5	ZST	79.78	354	eP	11	02.70	1.1
DPW	53.85	327	eP	37	26.77	-1.2	NVL	95.92	161	(P)	41	16.00	-14.4X	KBA	81.06	357	iPc	11	09.50	0.8
VGB	54.00	323	eP	37	29.40	0.4		Z	20s	0.50um		5.0Msz			1.1s	18.70nm			5.0mb	
LON	55.26	324	eP	37	37.72	-0.6		N	20s	0.40um				HYB	88.32	296	eP	11	44.80	-0.6
RMW	55.64	325	(P)	37	44.27	3.3X		E	19s	0.30um			ASPA	89.49	229	eP	12	01.80	11.2X	
GMW	56.25	324	eP	37	44.07	-1.3	SPA	96.62	180	iPc	41	34.80	1.0		1.2s	3.70nm				
MCW	56.87	326	eP	37	49.11	-0.7	ASPA	145.68	237	ePKP	47	42.70	-1.0	BUL	144.56	327	iPKPc	18	29.60	-0.9
PGC	57.20	325	eP	37	52.00	-0.1									1.0s	11.50nm				
YKA	62.07	341	eP	38	22.70	-2.7X									S.D. = 0.9	on 31 of 32 obs.				
	0.6s	11.80nm			5.3mb															
EPLA	71.30	50	eP	39	24.50	0.0														
EJIF	71.38	54	eP	39	26.60	1.6X														
EPRU	71.62	53	eP	39	27.20	0.8														
TIC	71.62	85	P	39	22.14	-4.7X														
	0.9s	47.00nm			5.6mb															
LIC	71.65	86	P	39	22.66	-4.3X														
	0.9s	68.00nm			5.8mb															
KIC	71.92	85	P	39	24.20	-4.4X														
	0.9s	91.00nm			5.9mb															
MAL	72.25	54	iP	39	31.80	1.7														
BALM	72.31	332	eP	39	29.25	-0.9														
DCN	72.74	36	eP	39	32.80	0.1														
GUD	72.83	50	eP	39	34.00	0.4														
ECOG	72.97	53	eP	39	35.20	0.7														
ECP	73.04	37	eP	39	35.00	0.6														
DMU	73.07	36	eP	39	35.00	0.4														
DLF	73.17	36	eP	39	35.70	0.6														

OCT 23, 1992 10h 27m 13.35± 0.61s
 43.419 N ± 4.4km 5.451 E ± 5.0km
 DEPTH = 5.1 ± 4.9 km
 NEAR SOUTH COAST OF FRANCE (379)

GELF	0.04	206	Pg	27	14.61	-0.1
BERF	0.20	121	Pg	27	18.28	0.7
TREF	0.21	347	Pg	27	17.50	-0.2
PUYF	0.21	58	Pg	27	17.45	-0.3
PRAF	0.44	332	Pg	27	22.68	0.6
VILF	0.47	24	Pg	27	22.20	-0.7
TAVF	0.48	66	Pg	27	23.09	0.0
CALN	1.10	72	Pg	27	34.84	0.3
MOVF	1.32	68	Pn	27	39.18	0.8
TOUF	1.43	65	Pn	27	40.53	0.3
			Sg	28	00.66	
AURF	1.44	70	Pn	27	40.53	0.3
			Pg	27	59.68	
AUTN	1.54	67	Pn	27	41.63	-0.2
SAOF	1.63	69	Pn	27	42.41	-0.4
PGF	2.75	107	Pn	27	57.67	-1.3
S.D. = 0.6 on 14 of 14 obs.						

23d 10h

PEC 0.66 247 ePd 37 37.87 -0.9
 eLg 37 46.58
 PLM 0.88 205 ePd 37 41.84 -1.3
 SSK 1.05 273 ePc 37 45.00 -1.1
 eS 37 58.51
 GSC 1.19 345 eP 37 47.73 -0.6
 eS 38 04.14
 GLA 1.73 129 ePn 37 54.25 -2.4
 ePg 37 57.43
 ISA 2.26 312 ePn 38 01.99 -2.4
 ePg 38 06.54
 ABL 2.41 288 ePn 38 06.17 -0.5
 TPNV 2.79 3 (Pn) 38 13.84 1.7
 BCH 3.19 290 ePn 38 18.33 0.8
 9 obs. associated

OCT 23, 1992 10h 39m 51.58± 0.42s
 30.246 N ± 7.2km 142.199 E ± 7.8km
 DEPTH = 33.0km (normal)
 4.9mb (34 obs.) 4.7MsZ (4 obs.)
 SOUTH OF HONSHU, JAPAN (211)

YSS 16.75 1 (P) 43 40.00 -5.1X
 Z 16s 1.40um
 N 16s 1.00um
 GUA 16.81 171 eP 43 50.80 4.6X
 0.7s 82.19nm 5.0mb
 MDJ 17.46 329 eP 43 52.00 -2.1
 0.9s 32.00nm 4.5mb
 SNY 18.94 313 eP 44 09.30 -2.9X
 Z 16s 1.29um
 N 13s 1.47um
 CN2 18.98 320 P 44 10.60 -2.1
 1.0s 24.00nm 4.4mb
 Z 16s 3.64um 4.8MsZ
 N 13s 0.89um
 E 13s 0.72um
 ePP 44 19.00
 NJ2 20.06 281 Pc 44 24.00 -0.8
 TIA 21.77 292 eP 44 40.90 -1.4
 N 14s 1.50um
 E 14s 1.20um
 BJI 23.35 302 eP 44 57.00 -0.7
 Z 16s 1.46um 4.5MsZ
 E 13s 0.90um
 TIY 25.71 295 eP 45 20.00 -0.5
 Z 18s 1.82um 4.6MsZ
 E 13s 0.97um
 HHC 26.95 301 eP 45 31.00 -1.0
 Z 18s 2.18um 4.8MsZ
 N 14s 0.77um
 E 15s 1.13um
 CGP 27.17 221 eP 45 32.00 -2.0
 BTO 28.05 300 eP 45 41.00 -0.9
 N 16s 1.30um
 E 16s 1.05um
 ePP 46 31.00
 eS 50 24.00
 XAN 28.36 286 Pc 45 44.00 -0.7
 1.0s 7.10nm 4.3mb
 sP 45 57.50
 CIT 30.27 324 eP 46 03.00 1.3
 GYA 31.42 272 eP 46 14.00 1.8
 Z 20s 0.69um 4.3MsZ
 LZH 32.48 291 eP 46 19.00 -2.4
 1.5s 19.00nm 4.8mb
 Z 14s 0.69um 4.5MsZ
 E 12s 0.48um
 pP 46 23.50 16kmX
 CD2 33.00 281 eP 46 26.80 1.0
 ZAK 35.31 316 eP 46 47.00 1.6
 2.5s 128.00nm 5.4mb
 Z 16s 0.99um 4.7MsZ
 E 16s 0.97um
 eS 52 24.00
 GTA 35.70 297 eP 46 47.50 -1.6
 1.0s 19.00nm 5.0mb
 Z 15s 1.15um 4.8MsZ
 E 16s 1.13um
 pP 46 57.50 34kmX
 sP 47 01.50
 CHG 40.74 264 eP 47 32.00 0.8
 1.1s 16.77nm 4.7mb
 UER 41.22 315 eP 47 35.00 0.3
 1.0s 10.00nm 4.5mb
 TIK 42.08 354 eP 47 41.00 -0.4
 WMO 44.81 303 P 48 04.00 -0.2

ELT 2.0s 27.00nm 4.8mb
 Z 14s 0.52um 4.6MsZ
 46.22 316 eP 48 16.00 1.0
 2.3s 39.00nm 4.9mb
 eS 58 10.00
 GUN 48.85 282 P 48 37.40 0.9
 PKI 49.35 282 P 48 42.18 1.9
 KKN 49.39 282 P 48 42.20 1.7
 DMN 49.59 282 P 48 43.90 1.8
 GKN 49.87 283 P 48 43.42 -0.7
 WRA 50.47 190 P 48 47.50 -0.9
 0.6s 8.00nm 4.9mb
 PRZ 51.69 302 eP 48 59.00 1.3
 1.0s 50.00nm 5.4mb
 KSH 54.03 299 eP 49 15.50 0.5
 FRU 54.39 303 eP 49 18.00 0.5
 2.0s 40.00nm 5.1mb
 BRVK 55.83 316 eP 49 27.00 -0.8
 1.0s 14.00nm 4.9mb
 Z 16s 0.67um 4.8MsZ
 N 14s 0.24um
 E 16s 0.35um
 RMQ 56.76 173 eP 49 34.00 -0.7
 0.5s 7.00nm 4.9mb
 DZM 57.00 153 iPc 49 31.90 -4.7X
 CMS 61.49 176 eP 50 07.00 -0.3
 0.9s 4.00nm 4.5mb
 GBA 61.58 270 P 50 08.00 -0.4
 ARU 61.95 321 eP 50 10.00 -0.3
 e 50 18.00
 POO 62.53 276 eP 50 14.00 -0.7
 MAIO 67.41 300 iPc 50 47.50 1.4
 TOO 67.53 177 eP 50 47.00 0.4
 0.8s 12.00nm 5.0mb
 ASH 67.65 302 eP 50 52.00 4.5X
 YKA 69.38 29 eP 50 56.00 -1.8
 0.5s 1.80nm 4.4mb
 SDF 71.53 338 iP 51 11.50 0.7
 OBN 73.96 325 eP 51 26.00 0.9
 0.9s 19.00nm 5.1mb
 KAF 74.65 334 iP 51 29.10 0.0
 0.6s 11.50nm 5.1mb
 GRS 75.58 307 eP 51 35.00 -0.1
 1.1s 20.00nm 5.0mb
 eS 01 21.00
 KIV 75.91 313 eP 51 38.90 2.1
 NUR 76.26 333 iP 51 37.70 -0.5
 0.4s 5.90nm 4.9mb
 SES 76.97 39 eP 51 43.00 0.5
 LRM 78.58 43 eP 51 51.40 -0.3
 HFS 80.55 337 eP 52 01.90 0.2
 0.4s 1.20nm 4.2mb
 NB2 80.70 338 P 52 02.90 0.3
 0.8s 12.70nm 5.0mb
 VRI 84.35 321 ePd 52 23.50 1.9
 OJC 85.05 327 eP 52 26.50 1.4
 e 52 49.20
 KSP 86.23 329 eP 52 30.20 -0.7
 e 52 52.00
 GEC2 88.83 329 P 52 43.50 -0.1
 0.8s 0.85nm 4.1mb
 CDF 91.91 332 eP 52 57.10 -0.9
 BSF 92.57 332 eP 53 00.60 -0.4
 0.8s 4.45nm 4.9mb
 HAU 92.61 332 eP 53 00.90 -0.2
 0.6s 0.30nm 3.9mb X
 LOR 94.20 333 eP 53 08.20 -0.2
 0.7s 3.65nm 4.9mb
 LBF 94.39 333 eP 53 09.10 -0.2
 1.0s 6.80nm 5.0mb
 LPL 94.44 330 eP 53 09.80 0.0
 0.7s 6.85nm 5.2mb
 LPG 94.44 330 eP 53 09.80 -0.1
 SSF 94.51 333 eP 53 10.70 0.9
 1.1s 11.50nm 5.2mb
 SMF 94.72 333 eP 53 10.60 -0.2
 0.9s 5.10nm 5.0mb
 AVF 94.79 333 eP 53 11.10 0.0
 0.8s 7.50nm 5.2mb
 MAF 95.57 333 eP 53 15.40 0.6
 0.7s 8.95nm 5.3mb
 ZOBO 148.98 70 PKP 59 38.70 3.8X
 1.0s 20.75nm
 Z 20s 0.32um 5.1MsZ
 LR 20 52.00
 LPB 149.14 71 PKP 59 40.00 5.1X
 CNCB 149.38 71 PKP 59 38.00 2.6X

CCH 151.17 70 (PKP) 59 46.00 8.2X
 S.D. = 1.1 on 64 of 73 obs.

* OCT 23, 1992 10h 49m 08.97± 2.69s
 42.015 S ± 13.8km 178.896 E ± 19.5km
 DEPTH = 33.0km (normal)
 3.2mb (1 obs.)
 OFF E. COAST OF S. ISLAND, N.Z. (164)
 ML 3.8 (WEL).

BLW 2.64 283 P 49 50.20 0.0
 MTW 2.69 287 P 49 50.60 -0.2
 MOW 2.79 281 eP 49 52.40 0.1
 MAHZ 2.93 344 P 49 54.40 0.1
 TTH 2.93 327 eP 49 54.50 0.3
 WAHZ 3.01 319 P 49 55.50 0.0
 CAW 3.01 286 P 49 55.50 0.0
 MOH 3.17 335 P 49 58.20 0.5
 KIW 3.21 290 P 49 58.40 0.2
 MRW 3.24 283 P 49 58.50 -0.1
 S 50 28.20
 PAHZ 3.45 335 eP 50 01.30 -0.5
 NOZ 3.46 349 eP 50 02.00 0.2
 TCW 3.56 281 P 50 03.00 -0.2
 BSZ 3.73 305 eP 50 06.60 1.0
 NGZ 3.79 317 eP 50 07.20 0.7
 CNZ 3.79 317 P 50 07.40 0.8
 DIW 3.93 286 P 50 09.20 0.7
 URZ 3.99 339 P 50 08.80 -0.5
 eS 50 47.60
 KHZ 4.00 262 eP 50 09.80 0.4
 eS 50 49.60
 THZ 4.48 271 eP 50 16.10 -0.3
 MOZ 4.70 317 P 50 19.00 -0.4
 WLZ 4.85 327 eP 50 19.90 -1.7
 QRZ 4.93 282 eP 50 21.10 -1.6
 eS 51 10.60
 LTZ 4.97 259 eP 50 23.50 0.2
 eS 51 14.60
 DSZ 5.30 271 eP 50 27.80 -0.2
 WRA 43.48 286 P 57 18.30 7.5X
 0.9s 0.40nm 3.2mb
 S.D. = 0.6 on 25 of 26 obs.

& OCT 23, 1992 10h 51m 45.73s
 63.412 N 148.607 W
 DEPTH = 16.1km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).

RND 0.11 267 iPc 51 49.34 -0.1
 iS 51 52.10
 MCK 0.35 336 iPd 51 52.84 -0.4
 TRF 0.76 274 iPc 52 00.27 0.1
 eS 52 11.24
 WRH 1.09 12 iPd 52 05.57 -0.1
 iS 52 20.19
 NEA 1.19 350 eP 52 06.93 -0.5
 eS 52 22.94
 HDA 1.24 35 ePd 52 07.93 -0.3
 eS 52 23.90
 DDM 1.28 72 eP 52 09.11 0.1
 THY 1.28 89 eP 52 09.79 0.8
 S 52 25.88
 CCB 1.29 16 ePd 52 08.47 -0.5
 eS 52 25.07
 DJE 1.44 63 eP 52 11.25 0.1
 S 52 30.89
 PAX 1.49 106 ePc 52 11.59 -0.3
 eS 52 31.14
 FBA 1.54 13 eP 52 12.70 0.2
 MDM 1.56 6 eP 52 13.76 0.9
 eS 52 34.05
 SML 1.62 175 ePd 52 13.14 -0.5
 eS 52 35.41
 GHO 1.65 185 ePd 52 13.98 -0.3
 eS 52 36.24
 SDG 1.66 121 ePd 52 14.69 0.4
 eS 52 36.40
 GLM 1.67 18 eP 52 13.90 -0.6
 SCM 1.69 159 ePd 52 14.50 -0.3
 eS 52 37.84
 TOA 1.73 138 iPd 52 16.50 1.2
 PLRM 1.84 188 ePd 52 16.74 -0.2
 PMR 1.84 188 eP 52 17.30 0.4
 PWA 1.86 199 eP 52 17.90 0.7

SKT	1.97	224	eP	52	19.12	0.3
			eS	52	44.44	
KNK	2.01	178	ePd	52	19.39	0.0
			eS	52	46.23	
TZL	2.01	132	eP	52	20.54	1.2
			S	52	48.09	
DOT	2.05	81	eP	52	20.43	0.5
SUA	2.19	208	eP	52	22.86	0.7
PMS	2.22	192	eP	52	23.50	1.0
KLU	2.30	146	eP	52	24.35	0.8
VLZ	2.52	154	eP	52	27.45	0.8
PTE	2.56	185	eP	52	28.70	1.4
NCG	2.61	221	eP	52	27.80	-0.2
GLI	2.64	164	eP	52	29.03	0.6
CGLM	2.64	218	eP	52	29.87	1.4
SPU	2.76	217	eP	52	31.31	1.2
CKN	2.76	219	eP	52	31.13	1.0
BGL	2.79	221	eP	52	30.58	0.0
CKL	2.82	220	eP	52	31.84	0.7
FID	2.85	159	eP	52	32.60	1.2
BKG	2.91	218	eP	52	33.80	1.6
GLB	2.98	129	eP	52	33.73	0.5
SLKM	3.01	195	eP	52	35.74	2.1
KNIM	3.10	172	eP	52	34.48	-0.4
HIN	3.19	161	eP	52	36.79	0.7
SGAM	3.33	150	eP	52	38.49	0.3
SEW	3.34	187	eP	52	40.01	1.7
RDT	3.37	214	eP	52	40.19	1.5
IMA	3.44	323	eP	52	39.60	-0.2
MTU	3.47	172	eP	52	41.18	1.1
NCT	3.51	217	eP	52	41.46	0.6
HMT	3.71	144	eP	52	43.81	0.2
BALM	3.78	126	eP	52	43.56	-1.1

52 obs. associated

? OCT 23, 1992 11h 02m 58.53±3.08s
 11.222 N ±41.4km 86.510 W ±14.9km
 DEPTH = 10.0km (geophysicist)
 4.4mb (6 obs.) 3.8msz (1 obs.)
 NEAR COAST OF NICARAGUA (74)

PPM	14.05	305	eP	06	20.00	-0.5
III	14.40	301	(P)	06	24.50	-0.3
MIAR	24.09	346	eP	08	15.66	0.5
	0.6s		9.58nm			4.6mb
MEO	25.91	337	iPc	08	33.70	1.2
TUL	25.98	343	eP	08	32.40	-0.7
	0.4s		4.10nm			4.5mb
Z	20s		0.30um			3.8msz
			LR	19	35.00	
LNO	25.98	343	eP	08	32.30	-0.7
ELC	26.06	355	eP	08	33.80	-0.1
ACO	27.81	338	iPd	08	48.50	-1.4
JFWS	31.74	355	eP	09	24.33	-0.5
	0.6s		9.28nm			4.9mb
PV10	33.71	327	eP	09	42.00	-0.4
SRU	35.04	327	eP	09	53.41	-0.4
MSU	35.54	324	eP	09	59.14	1.0
EEO	35.86	9	ePc	10	04.00	3.6X
RSSD	36.10	338	(P)	10	03.92	1.1
	0.6s		2.28nm			4.2mb
BW06	37.29	332	eP	10	12.00	-0.8
	0.6s		1.71nm			4.0mb
BONR	38.95	319	(P)	10	28.32	1.4
LMN	39.16	24	eP	10	33.00	4.9X
ULM	39.67	351	eP	10	34.50	2.2
LRM	40.96	332	eP	10	44.00	0.7
JAQ	43.33	9	eP	11	02.00	-0.3
YKA	55.03	345	eP	12	31.70	-0.7
	0.8s		2.50nm			4.3mb
MBC	67.36	352	eP	13	55.00	-0.5
FBA	67.92	336	(P)	13	58.48	-0.8

S.D. = 1.0 on 21 of 23 obs.

* OCT 23, 1992 11h 31m 25.94±3.47s
 46.715 N ±17.8km 15.137 E ±22.3km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 2.5 (LJU). ML 2.4 (VIE).

LJU	0.79	212	i(Pg)	31	40.00	-1.3
			iSg	31	50.00	
CEY	1.09	207	ePg	31	47.20	0.7
			eSg	32	01.90	
VOY	1.10	232	ePg	31	47.60	0.9
			eSg	32	02.10	
RBL	1.12	256	P	31	46.50	-0.4

VBY	1.21	176	ePg	31	48.60	0.1
			iSg	32	04.60	
KBA	1.28	287	iP	31	49.90	0.1
			iPg	31	51.50	
			i	31	52.60	
			iSg	32	08.80	
FVI	1.63	267	P	31	57.00	2.3X

S.D. = 1.1 on 6 of 7 obs.

? OCT 23, 1992 11h 42m 41.82±6.25s
 17.022 S ±72.2km 167.956 E ±44.3km
 DEPTH = 33.0km (normal)
 4.5mb (3 obs.)

VANUATU ISLANDS (186)

BKM	0.70	157	iPd	42	55.20	0.0
			iS	43	03.00	
PVC	0.79	155	iPd	42	56.50	0.0
			iS	43	05.00	
DZM	5.22	196	iPd	43	52.50	-7.2X
			iS	44	42.00	
RMQ	20.15	239	eP	47	16.00	-0.2
	0.9s		24.00nm			4.5mb
CMS	24.72	230	eP	48	01.70	0.2
	1.1s		9.00nm			4.3mb
ASPA	32.55	253	eP	49	12.30	0.0
	0.7s		6.30nm			4.6mb
GEC2	141.97	332	PKP	02	19.20	6.9X
	1.1s		1.76nm			
CDF	144.94	337	ePKP	02	23.10	5.8X
	1.0s		22.40nm			
HAU	145.61	338	ePKP	02	25.30	6.9X
LBF	147.32	340	ePKP	02	28.80	7.6X
	1.0s		7.20nm			
SSF	147.40	340	ePKP	02	29.30	8.0X
	1.1s		17.85nm			
GRR	147.41	346	ePKP	02	30.10	8.9X
	1.1s		21.00nm			
BCAO	147.52	251	iPKPc	02	32.50	10.0X
	0.5s		5.00nm			
LPL	147.54	335	ePKP	02	30.90	9.0X
	1.3s		17.35nm			
LPG	147.55	335	ePKP	02	30.10	8.1X
	1.3s		15.90nm			
LPF	147.78	346	ePKP	02	31.20	9.4X
	1.1s		27.35nm			
TCF	148.50	341	ePKP	02	33.10	10.0X
	1.3s		15.15nm			
LSF	148.75	342	ePKP	02	33.40	9.9X
	1.1s		21.00nm			
MFF	148.90	344	ePKP	02	34.10	10.4X
	1.1s		23.95nm			
RJF	149.60	341	ePKP	02	35.90	11.1X
	0.9s		11.30nm			
LPO	150.26	341	ePKP	02	37.60	11.8X
	1.3s		27.10nm			

S.D. = 0.2 on 5 of 21 obs.

* OCT 23, 1992 11h 51m 07.92±0.64s
 19.059 N ±9.1km 121.055 E ±8.5km
 DEPTH = 33.0km (normal)
 4.5mb (7 obs.) 3.9msz (1 obs.)
 PHILIPPINE ISLANDS REGION (248)

QZH	6.29	339	eP	52	38.00	-2.7
			S	53	44.00	
MCO	7.65	295	eP	52	58.30	-1.7
GZH	8.24	300	P	53	06.00	-2.1
OIZ	10.60	272	P	53	39.00	-1.7
			S	55	41.00	
GYA	15.17	302	iPd	54	42.60	0.9
	1.2s		22.00nm			4.3mb
XAN	18.42	326	P	55	23.60	1.1
	1.0s		4.30nm			3.6mb
CD2	19.59	310	P	55	37.30	0.9
Z	16s		1.34um			
TIY	20.05	340	eP	55	38.20	-3.1X
Z	17s		1.44um			4.4mszX
CHG	20.92	273	eP	55	52.00	1.8
			eSg	03	37.30	
TSRJ	21.06	36	P	55	52.00	0.5
BJI	21.33	350	eP	55	54.50	0.3
LZH	22.75	322	eP	56	10.50	1.9
	1.5s		27.00nm			4.5mb
			pP	56	17.00	23kmX
			sP	56	20.00	
			PP	56	40.50	

SNY	22.80	5	eP	56	09.20	0.4
			Z	20s		0.49um
			eS	00	08.00	3.9msz
MTMJ	22.84	37	eP	56	09.10	-0.3
CHJJ	23.16	39	eP	56	06.10	-6.3X
BTO	23.46	339	eP	56	20.00	4.5X
CN2	24.94	8	eP	56	29.60	0.0

0.5s 2.00nm 4.0mb

GUN	33.35	292	P	57	47.76	2.1
KKN	33.86	292	P	57	49.88	-0.1
GKN	34.45	292	P	57	56.40	1.4
OIS	43.36	154	eP	59	08.70	-0.3
ASPA	44.28	163	eP	59	16.50	0.1
	0.3s		9.70nm			5.1mb
WARB	45.30	173	eP	59	23.50	-1.0
MBC	78.27	12	eP	03	05.00	-0.6
	0.5s		5.00nm			4.8mb
YKA	87.72	23	eP	03	53.70	-0.7
	0.6s		4.30nm			4.9mb

S.D. = 1.4 on 22 of 25 obs.

% OCT 23, 1992 12h 28m 27.93±1.18s
 43.511 N ±10.5km 13.558 E ±10.8km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 MD 3.0 (LJU).

ARV	0.45	269	Pc	28	34.10	-3.0X
			eSg	28	42.50	
CRE	1.17	276	P	28	50.20	0.3
			eSg	29	08.80	
MNS	1.30	210	P	28	51.80	-0.2
			eSg	29	12.90	
SFI	1.30	289	P	28	52.00	0.0
			eSg	29	10.80	
CEY	2.31	15	e(Pn)	29	05.50	-1.2
			eSn	29	31.80	
VBY	2.33	31	ePn	29	08.00	1.1
			iSn	29	33.10	

S.D. = 1.1 on 5 of 6 obs.

OCT 23, 1992 12h 31m 45.53±0.55s
 38.819 N ±7.3km 140.686 E ±10.0km
 DEPTH = 10.0km (geophysicist)
 4.9mb (4 obs.)
 EASTERN HONSHU, JAPAN (227)

OFUJ	0.81	71	P	31	59.90	-1.3
			S	32	10.70	
YAMJ	0.82	218	iP+	32	00.90	-0.5
AOMJ	1.75	352	P	32	16.80	0.7
NIIJ	2.06	221	iPd	32	21.60	1.0
			S	32	49.70	
KAKJ	2.64	189	P	32	29.60	0.7
			S	33	07.50	
CHJJ	3.08	206	P	32	36.10	1.1
MTMJ	3.19	227	P	32	38.00	1.2
MRRJ	3.61	5	eP	32	45.20	2.5
HOIJ	4.07	28	eP	32	50.50	1.4
KUSJ	5.25	34	eP	33	03.00	-2.8X
			eS	34	05.40	
ASAJ	5.49	15	eP	33	09.60	0.3
GUN	46.44	274	P	40	13.62	-1.1
	0.8s		21.00nm			5.2mb
KKN	46.96	274	P	40	17.64	-1.1
	0.7s		22.00nm			5.3mb
GKN	47.36	274	P	40	20	

23d 13h

Origin Time 13:04:48.9 0.1				COOL 38.97 226 iPd 12 05.40 -0.7				S 21 02.00			
Lat 5.38S 0.01 Lon 152.72E 0.01				NANU 39.68 241 eP 12 12.50 0.5				IPM 52.46 280 ePc 13 52.10 -1.3			
Dep 15.0 FIX Half-duration 4.2				0.5s 26.00nm				1.0s 54.00nm 5.5mb			
Moment Tensor: Scale 10**18 Nm				NOZ 40.35 149 eP 12 12.80 -4.5X				DL2 52.55 330 P 13 54.50 0.9			
Mrr= 0.80 0.03 Mtt= 2.79 0.03				e 12 46.20 151kmX				1.0s 43.00nm 5.4mb			
Mff=-3.59 0.03 Mrt= 2.72 0.12				TCW 40.63 155 P 12 19.80 0.3				Z 24s 20.30um 6.1MsZ			
Mrf= 1.36 0.14 Mtf=-2.38 0.03				MNG 40.67 153 eP 12 17.70 -2.2				N 14s 9.40um			
Principal Axes:				CAW 40.88 154 P 12 21.40 -0.3				E 16s 22.70um			
T Vol= 4.88 Plg=31 Azm= 10				SNZO 40.89 154 P 12 13.50 -8.1X				S 21 19.00			
N 0.35 51 233				PP 14 12.00				YSS 52.87 352 ePd 13 53.20 -2.6X			
P -5.22 21 114				S 18 14.00				1.0s 30.00nm 5.2mb			
Best Double Couple:Mo=5.1*10**18				MTW 41.12 153 P 12 22.60 -1.0				Z 16s 16.20um 6.2MsZ			
NP1:Strike=155 Dip=52 Slip= 8				LTZ 41.15 158 P 12 23.20 -0.6				N 16s 28.50um			
NP2: 60 84 141				MOW 41.22 154 P 12 23.50 -0.9				e 14 06.50 48kmX			
RAB 1.24 339 iP 05 06.00 4.0X				BLW 41.27 154 P 12 23.20 -1.6				TIA 53.05 324 eP 13 56.20 -1.1			
LAT 5.73 257 eP 06 08.20 2.2				KLB 41.79 227 eP 12 28.50 -0.8				1.2s 39.00nm 5.2mb			
eS 06 17.50				KAGJ 41.84 332 eP 12 34.40 4.8X				N 15s 16.40um			
YYYY 6.67 262 eP 06 23.70 4.3X				BWZ 41.86 161 P 12 29.10 -0.5				E 15s 16.70um			
PMG 6.75 233 eP 06 21.00 0.8				MRWA 41.96 231 eP 12 30.00 -0.7				SNG 53.36 283 eP 13 57.50 -2.4X			
MDG 6.81 271 eP 06 30.00 8.9X				0.6s 22.00nm 5.1mb				eS 21 29.00			
SVO 8.08 118 eP 06 40.00 1.1				BAL 42.08 229 eP 12 31.00 -0.6				MDJ 53.87 340 eP 14 01.60 -1.6			
e(S) 08 25.00				WKYJ 42.52 339 eP 12 34.40 -0.8				1.5s 93.00nm 5.6mb			
HNR 8.32 120 eP 06 42.00 -0.3				TKSJ 42.88 337 eP 12 36.40 -1.7				Z 25s 29.10um 6.2MsZ			
eS 08 24.00				KAKJ 42.95 345 eP 12 29.50 -9.1X				N 14s 14.10um			
MNDI 8.95 264 eP 06 56.90 5.7X				KUMJ 43.00 333 P 12 39.30 0.3				E 13s 15.30um			
WWKK 9.13 280 eP 06 57.10 3.6X				CHJJ 43.12 344 P 12 37.40 -2.6X				S 21 30.00			
JAY 12.21 283 ePd 07 34.20 -1.4				MUN 43.13 228 iPc 12 40.20 0.0				SNY 53.91 333 Pc 14 04.00 0.5			
eS 09 39.00				Z 20s 69.10um 6.6MsZ				Z 24s 29.70um 6.3MsZ			
CTA 15.90 202 P 08 27.50 3.5X				N 20s 125.00um				N 13s 9.78um			
BKM 19.58 130 iPc 09 07.90 -1.5				E 20s 51.50um				E 17s 27.60um			
PVC 19.68 130 iP 09 08.50 -1.9				TSRJ 43.57 340 eP 12 42.40 -1.3				PP 16 00.00			
OIS 19.70 219 iPc 09 10.40 -0.3				SHK 43.91 336 eP 12 46.00 -0.4				sS 21 46.00			
0.6s 23.00nm 4.7mb X				MTMJ 43.96 343 P 12 44.60 -2.3				GYA 54.58 308 iPd 14 09.40 0.5			
GUA 20.27 338 eP 09 17.50 0.9				YONJ 44.17 337 eP 12 49.40 0.8				1.4s 110.00nm 5.7mb			
1.0s 720.00nm 6.0mb				SHNJ 44.21 334 eP 12 46.60 -2.3				Z 20s 32.80um 6.4MsZ			
e 09 28.10 44kmX				NIJ 44.24 344 P 12 47.40 -1.6				N 18s 44.30um			
e 09 43.00				QZH 44.74 314 eP 12 52.00 -1.3				E 18s 25.50um			
GUMD 20.33 338 eP 09 18.30 1.0				1.2s 180.00nm 5.8mb				CN2 54.72 336 Pd 14 08.00 -1.5			
1.0s 152.90nm 5.3mb				Z 30s 50.10um 6.3MsZ				1.0s 38.00nm 5.4mb			
Z 29s 48.48um 5.7MsZ				N 20s 69.00um				Z 15s 39.90um 6.6MsZ			
e 09 27.60 36km				S 19 22.00				N 15s 16.80um			
PJG 20.33 338 eP 09 18.50 1.2				YAMJ 44.85 346 P 12 53.30 -0.7				E 15s 2.97um			
DZM 21.34 142 iPd 09 26.00 -1.7				OFUJ 45.35 348 eP 12 56.80 -1.2				LOE 55.10 295 eP 14 12.20 -0.5			
RMO 21.34 190 iPc 09 27.30 -0.3				HKC 46.59 308 iP 13 10.20 2.2				HON 55.19 60 P 14 14.73 1.5			
0.4s 117.00nm 5.7mb				S 19 59.00				Z 18s 75.60um 6.8MsZ			
BRS 21.92 180 iPc 09 32.00 -1.4				MCO 46.98 307 ePd 13 13.10 2.0				DHH 55.34 60 eP 14 13.79 -0.6			
1.5s 47.00nm 4.7mb X				SSE 47.06 322 Pc 13 11.00 -0.6				NST 56.00 293 eP 14 22.00 2.9X			
i(S) 13 35.00				1.0s 45.00nm 5.4mb				BJI 56.25 327 eP 14 19.50 -1.1			
QLP 22.58 200 eP 09 40.20 0.3				Z 20s 18.40um 6.0MsZ				2.0s 190.00nm 5.8mb			
1.0s 1519.00nm 6.4mb				N 16s 24.30um				Z 22s 26.30um 6.3MsZ			
ARMA 24.95 182 iPd 10 03.70 0.6				E 14s 5.30um				N 15s 9.81um			
1.3s 403.00nm 5.9mb				ePcP 14 40.00				E 17s 17.40um			
KNA 25.59 244 eP 10 10.00 1.0				GZH 47.65 308 P 13 17.80 1.5				eS 22 06.00			
0.6s 342.00nm 6.1mb				1.2s 160.00nm 5.9mb				eSS 25 56.00			
ASPA 25.62 223 ePd 10 09.20 -0.2				N 20s 64.40um				TIY 56.85 322 eP 14 24.50 -0.5			
0.7s 179.90nm 5.8mb				E 22s 33.90um				1.4s 75.00nm 5.5mb			
Z 21s 179.40um 6.6MsZ				QIZ 48.59 301 P 13 24.40 0.7				Z 20s 37.40um 6.5MsZ			
e 14 29.00				1.2s 120.00nm 5.8mb				E 16s 13.10um			
CMS 26.77 193 iPc 10 18.40 -1.4				E 15s 21.90um				S 22 17.00			
1.1s 126.00nm 5.5mb				S 20 23.00				XAN 56.89 317 iPd 14 24.50 -0.9			
SVA 28.25 119 eP 10 31.30 -2.1				SS 23 50.00				1.2s 110.00nm 5.8mb			
STK 28.34 200 P 10 33.59 -0.5				MRRJ 48.70 349 eP 13 23.00 -1.1				Z 20s 27.00um 6.3MsZ			
RIV 28.37 183 eP 10 38.30 4.1X				RAR 48.73 114 P 13 32.00 7.3X				N 13s 13.70um			
iS 15 27.00				S 20 32.00				E 13s 5.88um			
BWA 29.19 187 iPc 10 40.40 -1.3				KUSJ 48.75 352 eP 13 22.90 -1.7				PP 16 30.00			
i 10 58.90 80kmX				NJ2 49.16 321 Pd 13 28.00 0.1				S 22 16.00			
BIP 29.55 297 eP 10 43.00 -2.2				1.4s 45.00nm 5.3mb				KMI 57.14 304 Pd 14 28.00 0.5			
CNB 29.97 185 eP 10 48.60 -0.1				N 15s 25.90um				1.5s 420.00nm 6.3mb			
1.1s 95.00nm 5.5mb				E 13s 10.60um				Z 28s 26.50um 6.2MsZ			
CAN 30.01 186 iPc 10 48.40 -0.7				SAP 49.26 349 eP 13 28.00 -0.4				N 17s 20.10um			
iP 10 55.50 24km				MCO 49.27 175 P 13 38.20 9.8X				E 17s 10.80um			
i 11 06.90				KGM 49.78 277 ePc 13 33.20 0.2				pP 14 37.00 29km			
CGP 31.04 296 eP 10 58.00 -0.3				1.5s 321.40nm 6.1mb				KHT 57.16 291 eP 14 27.70 0.2			
ADE 32.15 202 eP+ 11 07.40 -0.5				ASAJ 50.06 351 eP 13 34.10 -0.5				BDT 57.51 294 iPd 14 29.20 -0.7			
WARB 32.33 227 eP 11 09.00 -0.6				KUR 50.54 356 eP 13 37.00 -1.2				1.2s 42.10nm 5.4mb			
TOO 32.72 191 iPc 11 12.00 -0.8				1.0s 230.00nm 6.1mb				AFR 57.54 107 iP 14 31.00 0.9			
1.3s 107.00nm 5.6mb				Z 15s 27.50um 6.4MsZ				1.5s 330.00nm 6.2mb			
BFD 32.99 195 iPd 11 14.40 -0.7				N 15s 35.80um				PPT 57.74 107 iP 14 34.90 3.4X			
1.1s 116.00nm 5.7mb				E 15s 46.80um				1.5s 245.00nm 6.0mb			
TSM 36.00 285 ePc 11 42.00 0.8				e 15 32.00 641kmX				PAE 57.74 107 iP 14 33.80 2.3			
AFI 36.08 106 eP 11 49.00 7.0X				eS 20 54.00				1.5s 360.00nm 6.2mb			
eS 17 32.00				eSS 24 07.00				PPN 57.87 107 iP 14 33.20 0.8			
eLR 20 04.00				eSSS 25 43.00				1.5s 215.00nm 6.0mb			
e 22 00.00				WHN 51.13 317 Pd 13 43.50 0.6				CHG 58.06 296 ePd 14 33.90 0.1			
KKM 38.06 287 eP 11 59.50 0.8				1.4s 110.00nm 5.6mb				1.0s 94.50nm 5.8mb			
CVP 38.07 308 ePc 12 01.00 2.5				Z 30s 43.00um 6.3MsZ				eS 22 30.00			
				E 17s 20.40um				TVO 58.06 108 iP 14 38.10 4.2X			

PET	1.5s	410.00nm	6.3mb	IRK	70.50	331 eP	15	53.00	-1.4	N	16s	13.70um		
	58.37	4 iP+	14 34.00	-1.3		1.5s	24.00nm		5.1mb	E	18s	13.60um		
		eS	22 39.00		Z	18s	10.41um		6.1msz	BRW	83.34	15 eP	17 05.66 0.0	
		eSSS	28 44.00		N	16s	8.00um			SPA	84.68	180 iPd	17 13.80 1.0	
CD2	58.96	311 iPd	14 39.70	-0.2	E	20s	2.25um				1.0s	46.00nm	5.6mb	
	1.0s	130.00nm	6.0mb					16	14.50 82kmX	Z	20s	12.16um	6.3msz	
	Z	20s	36.30um	6.5msz	SDN	71.78	26 eP	15	59.62 -2.4	SPA	84.68	180 iPc	17 14.60 1.8	
	E	16s	22.10um			0.9s	142.61nm		6.0mb	SIT	84.84	31 P	17 21.39 8.0X	
		S	22 46.00		Z	19s	3.89um		5.7msz		Z	22s	19.13um	6.4msz
PMO	59.18	104 iP	14 41.50	-0.1	MOY	71.80	329 iPd	16	02.90 0.7	FRU	84.86	314 iPd	17 15.60 1.6	
	1.0s	85.00nm	5.8mb			1.5s	140.00nm		5.8mb		2.0s	640.00nm	6.5mb	
HHC	59.39	325 Pd	14 42.10	-0.7	GUN	72.25	301 P	16	05.64 -0.2	Z	20s	17.00um	6.4msz	
	1.2s	130.00nm	5.9mb		PKI	72.56	301 P	16	07.12 -0.5	E	20s	20.00um		
	Z	21s	32.30um	6.4msz		1.3s	377.00nm		6.3mb			eS	27 44.00	
	N	17s	12.00um		KKN	72.73	301 P	16	08.04 -0.5	MAW	84.99	203 iPc	17 14.80 0.7	
	E	13s	6.02um			0.9s	295.00nm		6.3mb		1.0s	42.00nm	5.6mb	
		pP	14 47.00	16kmX	DMN	72.83	301 P	16	08.98 -0.2	Z	15s	13.00um	6.4mszX	
		ScS	24 30.00			1.1s	636.00nm		6.5mb	NR1	86.27	341 iPd-	17 19.00 -1.4	
TPT	59.45	104 iP	14 43.20	-0.2	SBA	72.84	177 iPc	16	10.00 2.1		2.0s	222.00nm	6.0mb	
	1.0s	80.00nm	5.8mb		GKN	73.33	301 P	16	11.58 -0.4		ePPP	22 36.00		
VAH	59.45	104 iP	14 43.10	-0.3		1.1s	624.00nm		6.5mb		iS	27 46.00		
	1.0s	65.00nm	5.7mb		UER	75.40	327 iP	16	22.50 -0.7		ePS	28 48.00		
BTO	60.13	324 P	14 47.50	-0.4		1.9s	112.00nm		5.5mb		ePPS	29 12.00		
	1.2s	130.00nm	5.9mb		Z	20s	39.40um		6.7msz		eSS	33 30.00		
	N	17s	19.40um		N	20s	14.20um			QUE	88.92	300 iPd	17 35.10 0.9	
	E	18s	16.20um		E	20s	25.70um				e(S)	28 18.00		
		pP	14 58.50	37km			e	16 38.00	55kmX	STAN	89.42	53 eP	17 46.00 9.9X	
		ePP	16 58.00				e	19 20.00		BKS	89.43	52 eP	17 36.00 -0.2	
SMY	60.67	15 (P)	14 50.27	-0.9			e	26 50.00		Z	19s	54.00um	7.0msz	
	0.9s	216.56nm	6.3mb		ILT	75.83	11 iPc	16	25.50 0.2		eS	27 59.00		
	Z	21s	78.13um	6.8msz			iS	26 08.00			ePPS	29 33.00		
LZH	61.50	316 iPd	14 58.00	0.6	WMO	76.02	317 iPd	16	27.00 0.0		e	31 43.00		
	1.5s	260.00nm	6.1mb			2.0s	180.00nm		5.7mb		e(SS)	34 45.00		
	Z	21s	23.90um	6.3msz	Z	24s	20.30um		6.3mszX		eLQ	41 16.00		
	N	16s	12.30um		N	15s	11.30um				eLR	44 33.00		
		PcP	15 38.50				PcP	16 42.00		WDC	89.54	49 eP	17 37.46 0.8	
		ScP	19 30.50				PP	19 24.00			1.3s	18.29nm	5.2mb	
		PcS	19 43.00				S	26 08.00		Z	19s	27.23um	6.7msz	
		ScS	24 38.50				SKS	26 35.00		BRVK	89.64	323 iPd	17 36.00 -0.8	
DRV	61.83	186 eP	15 01.00	2.1	ANM	76.35	17 eP	16	28.10 -0.3		1.4s	99.00nm	5.9mb	
		S	23 28.00		HYB	76.50	289 ePd	16	29.50 -0.6		Z	18s	14.84um	6.5msz
		SS	27 40.00			1.2s	100.00nm		5.7mb	N	16s	8.32um		
ADK	62.74	21 eP	15 05.36	0.2			e	16 37.50	26km	E	16s	13.32um		
	0.9s	69.27nm	5.8mb		KDC	76.77	27 eP	16	30.82 0.1			eS	28 04.00	
MGD	65.26	359 eP	15 21.00	-0.4		1.0s	33.04nm		5.3mb	MHC	89.83	53 ePd	17 36.00 -2.3	
	2.5s	470.00nm	6.2mb		GBA	76.94	285 P	16	33.00 0.5	Z	18s	79.00um	7.2msz	
	Z	18s	8.60um	6.0msz	SVW	77.39	23 eP	16	34.71 0.4	SAO	89.92	53 eP	17 30.00 -8.5X	
	N	18s	5.80um			0.9s	225.72nm		6.2mb	Z	17s	54.00um	7.0mszX	
	E	18s	6.40um		TTA	78.35	21 eP	16	39.09 -0.4	PGC	89.97	41 eP	17 40.00 1.6	
		e	17 40.00	738kmX		1.1s	40.29nm		5.4mb	LBFM	90.12	49 eP	17 40.03 0.4	
		eS	24 05.00		TIK	78.40	353 iPd-	16	39.00 -0.5	ORV	90.20	50 eP	17 40.45 0.7	
		iPS	24 34.00			2.0s	164.00nm		5.7mb	GMW	90.27	42 eP	17 40.77 0.9	
		i	25 16.00				e	26 38.00		MCW	90.39	41 eP	17 41.54 1.1	
GTA	65.93	317 iPd	15 26.60	0.2			eS	26 53.00		SHW	90.47	44 eP	17 42.16 1.1	
	1.4s	140.00nm	5.9mb				e	27 16.00		PRI	90.47	54 eP	17 43.50 2.3	
	Z	16s	21.70um	6.5mszX	SPU	78.85	24 eP	16	43.24 1.0	CMB	90.90	52 ePc	17 43.00 -0.1	
	E	16s	17.60um		CRP	78.86	24 eP	16	41.28 -1.2			eS	28 15.00	
		pP	15 31.00	14kmX	SLKM	79.24	25 eP	16	43.06 -1.4			ePPS	29 37.00	
		sP	15 37.00		NDI	79.85	300 iPd	16	48.00 -0.3			eSS	34 18.00	
		PP	17 57.00			1.2s	257.81nm		6.1mb			e	35 46.00	
CIT	66.08	335 eP	15 27.00	0.1	PMR	80.26	24 P+	16	48.67 -1.1			eLQ	41 42.00	
	Z	18s	16.62um	6.3msz		Z	19s	25.88um	6.6msz			eLR	45 18.00	
	N	16s	13.10um		ELT	80.45	326 iPd	16	50.70 -0.2	FR1	91.33	53 eP	17 45.00 0.0	
	E	18s	7.55um			2.5s	500.00nm		6.1mb	VGB	91.40	45 eP	17 45.15 -0.1	
		e	17 54.00		Z	15s	10.70um		6.3mszX	ABL	91.52	55 eP	17 46.92 0.7	
		eS	24 24.00		N	19s	5.60um			ISA	92.20	55 P	17 54.51 5.4X	
CSY	67.45	197 P	15 36.70	1.4		E	15s	7.10um		Z	18s	19.85um	6.6msz	
LSA	68.40	305 Pd	15 41.80	-0.7			e	21 47.00		BONR	92.53	52 eP	17 51.17 0.3	
	Z	24s	17.40um	6.2mszX			eS	26 50.00		KVN	92.78	51 eP	17 53.39 1.5	
	N	15s	9.69um				e	27 40.00		DPW	93.38	42 eP	17 54.99 0.7	
		S	24 43.00		IMA	81.03	19 eP	16	53.59 -0.4	GSC	93.53	55 eP	17 56.21 0.9	
		SS	29 06.00			1.0s	40.40nm		5.4mb	CRZF	93.53	223 eP	18 08.00 13.1X	
YAK	69.45	349 iPd-	15 47.00	-0.8	POO	81.10	290 iPd	16	56.60 1.5			ePP	21 42.00	
	1.7s	286.00nm	6.1mb		KLU	81.55	25 eP	16	56.97 0.3			ePPP	23 39.00	
		e	16 14.00	107kmX	TOA	81.73	25 eP	16	59.00 1.4			eS	28 45.00	
		e	18 17.00			0.9s	119.70nm		5.9mb			eSP	30 22.00	
		eS	24 54.00		PRZ	82.07	314 iPc+	17	02.00 2.1			e	31 46.00	
		ePS	25 15.00			1.4s	400.00nm		6.3mb			eSS	35 25.00	
		e	25 25.00		Z	20s	13.10um		6.3msz			eSSS	38 54.00	
ZAK	69.87	329 iPd	15 50.70	0.2		N	20s	5.70um				e	41 09.00	
	1.6s	176.00nm	5.9mb			E	20s	12.00um		TPNV	94.09	53 (P)	17 59.17 1.3	
	Z	18s	15.24um	6.3msz	FBA	82.46	22 ePc	17	00.31 -1.0		0.8s	14.95nm	5.5mb	
	E	18s	18.65um			0.9s	61.06nm		5.7mb	Z	20s	27.04um	6.7msz	
		e	18 22.00		BALM	82.90	26 eP	17	03.81 0.1	NEW	94.13	42 eP	17 56.59 -1.1	
		ePS	25 50.00		KSH	83.13	311 iPd	17	07.80 2.4		1.0s	31.50nm	5.7mb	
BOD	70.20	339 iPd	15 51.60	-0.8		1.2s	550.00nm		6.5mb	Z	20s	18.00um	6.5msz	
	1.1s	68.00nm	5.6mb		Z	18s	17.10um		6.5msz	MBC	94.69	14 eP	18 00.50 0.8	

23d 13h

SVE	1.0s	19.00nm	5.5mb	
	95.53	326 ePd	18 02.50	-1.4
	-3.0s	350.00nm		6.3mb
Z	18s	5.00um		6.0Msz
N	18s	2.50um		
E	18s	10.50um		
		e	22 00.00	
		e	28 33.00	
		e	29 20.00	
MAIO	95.65	306 eP	18 05.00	0.0
YKA	96.00	28 P	18 06.20	0.3
	0.8s	12.00nm		5.4mb
ARUT	96.36	53 eP	18 09.19	0.8
ASH	96.62	307 eP	18 10.00	0.7
Z	20s	13.30um		6.4Msz
N	20s	6.20um		
		e	18 26.00	55kmX
		e	22 12.00	
		ePPP	24 11.00	
		e	28 35.00	
		S	29 27.00	
		PS	30 50.00	
ARU	96.65	326 ePd	18 07.70	-1.3
	2.8s	480.00nm		6.5mb
Z	18s	15.00um		6.5Msz
N	18s	4.50um		
E	20s	10.00um		
		e	18 18.00	32km
		e	22 04.00	
		e	24 08.00	
		eS	28 45.00	
		e	29 25.00	
		e	31 25.00	
DUG	96.91	50 (P)	18 09.30	-1.4
	0.9s	2.21nm		4.7mb X
LRM	97.24	45 eP	17 56.90	-15.3X
MSU	97.38	52 eP	18 14.19	1.2
SES	98.14	40 eP	18 16.00	0.1
	1.3s	71.00nm		6.0mb
KAT	98.27	309 eP	18 20.00	3.4X
Z	16s	4.80um		6.1MszX
E	16s	6.00um		
		e	18 37.00	59kmX
		ePS	31 46.00	
TUC	98.41	58 P	18 27.96	10.4X
Z	19s	24.84um		6.7Msz
NVL	99.69	192 eP	18 16.00	-6.5X
	2.0s	50.00nm		5.7mb
		ePP	22 11.00	
		eSKS	28 36.00	
		eSKKS	29 04.00	
		eS	29 30.00	
		ePS	31 22.00	
		ePPS	32 28.00	
		eSS	35 40.00	
SHI	101.39	299 ePdiff	18 31.00	-0.2
ALO	102.00	56 Pdiff	18 39.52	5.6X
Z	19s	2.92um		5.8Msz
		SP	32 40.85	
GOL	102.64	51 Pdiff	18 42.07	5.4X
Z	20s	12.61um		6.4Msz
GLD	102.75	51 Pdiff	18 50.00	12.9X
Z	20s	20.00um		6.6Msz
RSSD	103.29	46 Pdiff	18 50.00	10.6X
Z	20s	28.08um		6.8Msz
SHE	104.08	310 ePdiff	18 40.00	-2.7X
	2.0s	70.00nm		6.2mb
		iPPP	25 10.00	
APA	105.82	340 ePdiff	18 49.80	0.0
GRS	105.94	309 ePdiff	18 50.00	-1.3
TAB	106.10	308 ePdiff	18 50.00	-2.0
		e	23 15.00	
MTA	106.83	312 iPdiff	18 55.40	0.5
PYA	107.73	314 ePdiff	19 04.00	5.1X
KIV	108.01	314 ePdiff	19 01.10	0.8
MOS	108.32	327 ePdiff	19 04.00	2.8X
OBN	109.08	327 ePdiff	19 01.00	-3.6X
Z	21s	15.00um		6.5Msz
N	18s	7.80um		
E	20s	10.00um		
		e	29 40.00	
		e	30 20.00	
		eSS	39 02.00	
OBN	109.08	327 ePKP	22 56.00	-12.9X
Z	21s	15.00um		6.5Msz
N	18s	7.80um		
E	20s	10.00um		

		e	23 24.00	
		ePP	23 32.00	
		ePPP	26 07.00	
		ePKS	26 36.00	
		e	27 15.00	
		eSKS	29 40.00	
		eSKKS	30 20.00	
		eSKKS31	13.00	
		ePS	32 28.00	
		ePPS	34 22.00	
		eSS	39 02.00	
		eSSS	43 10.00	
		eLQ	52 30.00	
ARO	110.39	280 ePKP	23 03.00	-9.7X
TUL	110.58	54 e(Pdiff)	19 20.00	8.2X
Z	18s	18.26um		6.7Msz
		e	22 54.00	
		e	23 54.00	
		LR	59 22.00	
MIAR	112.59	55 Pdiff	19 28.33	7.6X
Z	20s	15.16um		6.6Msz
JFWS	113.36	45 PKP	23 30.00	12.5X
Z	18s	21.95um		6.8Msz
SLM	114.42	50 PKP	23 30.00	10.3X
Z	18s	10.21um		6.5Msz
FVM	114.42	51 (Pdiff)	19 28.63	-0.2
Z	20s	50.38um		7.1Msz
KIS	116.49	321 ePKP	23 18.00	-5.3X
		e	30 10.00	
		ePS	34 18.00	
		ePPS	35 30.00	
NB2	117.37	340 PKP	23 24.90	0.2
	0.9s	5.80nm		
SLR	117.81	237 ePKP	23 25.00	-1.7
Z	18s	14.43um		6.6Msz
JAO	117.85	30 ePKP	23 36.00	10.3X
VRI	118.30	320 ePKPc	23 34.00	7.1X
		e	46 28.00	
ISR	118.71	319 ePKPc	23 34.00	6.3X
AKU	119.42	356 e(PKP)	23 38.00	9.7X
	0.9s	20.17nm		
BUL	119.44	243 ePKP	23 34.70	4.8X
BUL	119.44	243 iPKPc	23 30.40	0.5
		i	23 38.30	
UZH	119.78	324 iPKP	23 31.00	1.5
Z	18s	8.00um		6.4Msz
E	18s	12.00um		
		e	23 41.50	
		eSS	41 33.00	
COZ	120.05	320 ePKPc	23 29.50	-0.9
OJC	120.38	327 ePKP	23 32.00	1.3
SPC	120.68	326 ePKP	23 31.80	0.3
		e	24 59.00	
PRM	121.73	53 ePKP	23 34.58	0.8
MCWV	121.82	46 PKP	23 40.00	6.3X
Z	18s	13.55um		6.6Msz
KSP	121.88	329 ePKP	23 27.00	-6.5X
		e	23 33.60	
SRO	122.49	325 ePKP	23 35.60	0.9
VAY	122.92	317 ePKP	23 35.00	-0.8
ZST	122.97	326 ePKP	23 35.70	0.1
		e	25 35.80	
		e	37 23.30	
UZD	122.98	324 e(PKP)	23 36.00	0.3
BRG	123.05	330 iPKPc	23 36.30	0.6
	1.3s	38.00nm		
CLL	123.24	331 iPKP	23 36.70	0.6
	1.6s	40.00nm		
Z	18s	10.50um		6.5Msz
PRU	123.29	329 PKP	23 36.50	0.3
Z	20s	9.50um		6.4Msz
N	18s	4.40um		
E	19s	7.40um		
		e	25 48.80	
		e	26 10.00	
		ePKKP	33 27.00	
RSNY	123.30	39 ePKP	23 37.50	1.1
Z	20s	17.87um		6.7Msz
SKO	123.41	318 i(PKP)	23 36.00	-0.7
Z	21s	9.43um		6.4Msz
		i	23 56.50	
		i	24 08.20	
		i	25 10.00	
		i	26 15.00	
		i	27 06.00	
		i	29 11.00	
		i	30 26.00	

		i	32 24.00	
		i	35 11.00	
		i	35 44.00	
		LR	22 00.00	
CEH	123.72	50 ePKP	23 39.68	2.2
Z	19s	17.53um		6.7Msz
KHC	124.31	329 PKPc	23 39.10	0.8
	1.0s	11.10nm		
Z	20s	16.30um		6.7Msz
N	20s	8.90um		
E	20s	8.10um		
		e	23 51.00	
		e	37 10.00	
MOX	124.34	331 iPKPd	23 39.60	1.3
	2.0s	64.00nm		
Z	18s	7.70um		6.4Msz
N	20s	14.00um		
GEC2	124.43	328 PKP	23 39.00	0.4
	0.9s	7.60nm		
HOF	124.43	331 ePKP	23 39.00	0.5
WET	124.67	329 iPKPc	23 40.00	1.0
Z	20s	12.00um		6.6Msz
PTJ	124.89	324 ePKP	23 39.60	0.0
LVNJ	124.90	43 ePKP	23 40.93	1.3
ZAG	124.92	324 ePKP	23 40.00	0.5
GRF	125.15	330 ePKP	23 40.00	0.1
Z	22s	11.00um		6.5Msz
MDZ	125.29	137 i(PKP)	23 41.60	0.8
VBY	125.52	324 ePKP	23 41.40	0.7
		iPKP	23 53.40	
BHG	125.55	328 iPKPc	23 41.00	0.3
WTS	125.59	335 ePKP	23 42.00	1.4
	1.0s	13.00nm		
LJU	125.63	325 ePKP	23 41.50	0.5
KBA	125.69	327 iPKPc	23 40.50	-0.8
	1.1s	18.30nm		
CEY	125.87	325 ePKP	23 41.40	-0.1
VOY	126.00	325 ePKP	23 41.80	0.0
TNS	126.12	332 ePKPc	23 42.80	0.9
HRV	126.19	40 PKP	23 50.00	7.9X
Z	19s	16.98um		6.7Msz
WTTA	126.49	328 iPKPc	23 43.00	0.2
	0.8s	40.40nm		
EKA	126.50	343 PKP	23 45.00	2.7X
	1.5s	45.50nm		
ENN	126.87	334 ePKP	23 43.50	0.4
	1.0s	22.00nm		
OGA	127.07	328 iPKPc	23 44.60	0.6
HOFF	127.24	331 PKP	23 45.00	1.2
CTI	127.24	327 PKP	23 44.10	-0.1
LANF	127.29	331 PKP	23 44.06	0.0
WLF	127.57	333 PKPc	23 46.00	1.5
SNF	127.76	335 PKP	23 45.80	1.0
NNA	127.89	110 ePKP	23 49.30	3.1X
	1.0s	26.00nm		
Z	21s	5.38um		6.2Msz
WLS	127.90	331 PKP	23 45.67	0.4
TDS	127.91	317 PKP	23 45.80	0.3
CDF	127.93	331 PKP	23 45.67	0.3
DOU	127.94	334 PKPc	23 47.20	2.0
FEL	127.95	330 PKP	23 45.76	0.3
ARV	128.02	323 PKP	23 46.40	0.8
ECH	128.13	331 PKP	23 45.93	0.2
LMN				

AVF	130.95	332	ePKP	23	50.30	-0.7	ANTZ	151.62	326	iPKPd	24	35.00	7.2X	0.9s	39.58nm	5.5mb	
	1.3s	26.35nm					KIC	157.45	274	PKP	24	36.22	0.2	GTA	65.96	317 eP	42 15.20 -0.6
LDF	131.06	336	ePKP	23	50.70	-0.5	LIC	157.74	273	PKP	24	35.62	-0.8		1.2s	17.00nm	5.0mb
	1.4s	53.60nm					PDCR	158.75	147	ePKP	24	38.40	0.9	LSA	68.44	305 iPd	42 32.60 0.5
FLN	131.07	337	ePKP	23	50.80	-0.4		S.D. = 1.0	on 287 of 366 obs.						1.2s	15.00nm	5.0mb
	1.7s	129.40nm												WMQ	76.05	317 Pd	43 17.00 0.5
Z	20s	10.45um				6.5Msz									1.5s	21.00nm	4.9mb
ARE	131.29	117	ePKP	23	56.00	3.1X											
BGF	131.35	332	ePKP	23	51.50	-0.3											
	2.0s	149.25nm															
PLDF	131.42	331	PKP	23	53.75	1.7											
GRR	131.52	337	ePKP	23	51.80	-0.3											
	1.4s	82.35nm															
AGO	131.60	332	PKP	23	52.45	0.1											
TCF	131.85	333	ePKP	23	52.40	-0.4											
	1.2s	38.40nm															
PYM	131.88	332	PKP	23	50.97	-2.0											
LPF	131.88	336	ePKP	23	52.40	-0.3											
	1.5s	124.85nm															
LBL	132.14	331	PKP	23	52.29	-1.2											
LSF	132.19	333	ePKP	23	52.70	-0.7											
	1.5s	75.20nm															
CNCB	134.23	120	ePKP	23	45.00	-13.8X											
LPB	134.24	119	ePKP	23	43.00	-15.7X											
	Z	18s				6.7Msz											
		LR	07	06.00													
BCAO	134.25	271	iPKPc	23	58.10	-0.2											
	1.6s	91.00nm															
		i	24	16.00													
		i	26	30.00													
		i	27	34.90													
		i	30	18.00													
ZOBO	134.32	119	PKP	23	46.30	-12.8X											
	2.0s	284.60nm															
		i	24	00.80													
EPF	135.18	331	ePKP	23	59.60	0.3											
	1.5s	51.20nm															
CCM	135.55	121	ePKP	24	04.00	3.0X											
ECRI	136.84	333	ePKP	23													

23d 14h

TTA 78.28 21 eP 27 04.20 3.2X
 SLKM 79.16 25 eP 27 04.95 -0.9
 PMS 79.82 25 eP 27 09.20 -0.2
 NDI 80.03 300 eP 27 11.00 -0.2
 IMA 80.97 19 eP 27 16.57 1.0
 1.1s 7.41nm 4.6mb
 TOA 81.65 25 eP 27 20.70 1.6
 FBA 82.39 22 eP 27 22.36 -0.4
 0.8s 9.38nm 4.9mb
 BALM 82.81 26 (P) 27 25.92 0.7
 KSH 83.30 311 eP 27 31.00 2.9X
 0.6s 10.00nm 5.1mb
 GEC2 124.54 328 PKP 34 01.10 0.4
 0.7s 1.62nm
 CNCB 134.04 119 ePKP 34 24.00 3.6X
 ZOBO 134.13 119 PKP 34 22.90 2.3X
 BCAO 134.46 271 ePKPc 34 15.10 -5.5X
 0.9s 5.00nm
 TRN 145.72 79 ePKP 34 39.00 -1.7
 VAO 145.81 146 ePKP 34 42.50 1.7
 BDF 150.72 136 PKPc 34 56.10 7.4X
 e 34 57.90
 e 35 04.00

S.D. = 1.0 on 33 of 43 obs.

& OCT 23, 1992 14h 15m 52.99s
 34.567 N 116.304 W

DEPTH = 0.0km

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 3.0 (PAS), 2.7 (GS).

GSC 0.84 331 ePd 16 08.96 -0.8
 eS 16 20.32
 PEC 0.98 227 iPd 16 11.21 -1.3
 SSK 1.20 253 ePd 16 15.35 -1.1
 eS 16 31.62
 PLM 1.30 201 eP 16 16.97 -1.1
 eS 16 33.59
 GLA 1.95 140 ePn 16 26.05 -1.7
 ePg 16 29.09
 ISA 2.09 302 ePn 16 28.71 -1.1
 ePg 16 31.53
 TPNV 2.38 1 (P) 16 32.13 -1.9
 BONR 3.75 335 eP 17 02.01 8.4
 MSU 5.15 39 (P) 17 24.87 11.3
 9 obs. associated

? OCT 23, 1992 14h 38m 08.48±1.11s
 42.921 N ± 7.0km 12.516 E ± 13.9km

DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)

ASS 0.18 35 P 38 13.30 0.7
 eSg 38 16.60
 MNS 0.55 167 P 38 19.60 0.0
 eSg 38 28.30
 ARV 0.66 28 P 38 20.80 -0.8
 eSg 38 30.30
 CRE 0.82 330 P 38 24.50 0.1

S.D. = 1.0 on 4 of 4 obs.

& OCT 23, 1992 14h 43m 26.80s

59.971 N 141.422 W

DEPTH = 7.1km

SOUTHEASTERN ALASKA (19)

<AEIC>. ML 2.9 (AEIC), 3.2

(PGC).

WRG 0.31 283 ePc 43 33.75 0.5
 YAH 0.43 338 iPd 43 35.57 0.1
 eS 43 43.49
 CYK 0.55 282 ePc 43 37.98 0.2
 eS 43 47.52
 PCA 0.60 77 iPc 43 38.57 -0.3
 SNH 0.74 287 iPc 43 40.97 -0.6
 eS 43 52.59
 WAX 0.86 305 iPc 43 42.51 -1.2
 BCPM 0.90 90 ePd 43 43.44 -0.9
 eS 43 56.27
 CTGM 1.00 2 iPc 43 44.90 -1.2
 eS 43 59.21
 TGL 1.05 319 iPc 43 45.78 -1.2
 PNL 1.07 106 ePd 43 45.93 -1.2
 S 44 00.72
 BALM 1.16 337 iPc 43 47.38 -1.5
 eS 44 03.69
 CROM 1.16 313 iPc 43 47.17 -1.7

HQN 1.39 111 iPc 44 05.01 -2.0
 eS 44 08.87
 HMT 1.47 286 ePc 43 52.50 -1.2
 KAIM 1.51 270 eP 43 52.98 -1.2
 RAGM 1.68 286 ePc 43 55.26 -1.5
 eS 44 17.66
 GLB 1.89 323 ePc 43 58.37 -1.4
 eS 44 23.77
 SGAM 1.96 287 ePc 43 59.04 -1.8
 HYT 2.13 65 Pn 44 03.30 0.0
 Sg 44 31.00
 CVA 2.23 287 eP 44 02.69 -2.0
 HIN 2.57 282 eP 44 07.94 -1.6
 FID 2.63 289 eP 44 09.35 -1.1
 KLU 2.69 307 ePc 44 09.77 -1.5
 VLZ 2.69 298 eP 44 10.28 -0.9
 VZW 2.76 295 eP 44 12.44 0.1
 GLI 2.96 290 eP 44 13.59 -1.4
 MTU 3.13 273 eP 44 15.25 -2.2
 TOA 3.15 315 P 44 16.80 -1.0
 SCM 3.44 305 P 44 23.50 1.6
 SML 3.85 302 eP 44 26.13 -1.6
 PTE 3.87 287 eP 44 25.79 -2.2
 MPA 3.99 281 eP 44 26.80 -2.9
 SLKM 4.42 281 (P) 44 32.85 -3.0

33 obs. associated

? OCT 23, 1992 15h 23m 30.70±9.00s
 36.461 S ± 74.7km 177.669 E ± 32.1km
 DEPTH = 252.8 ± 35.5 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

KUZ 1.59 259 P 24 13.80 3.6X
 URZ 1.85 194 Pd 24 11.60 -0.7
 S 24 32.10
 WLZ 2.17 229 P 24 18.00 2.7X
 eS 24 43.70
 NOZ 2.17 172 P 24 15.40 0.1
 PAHZ 2.44 191 P 24 18.00 0.0
 WHH 2.59 201 P 24 19.10 -0.4
 MOH 2.70 189 P 24 20.80 0.3
 MAHZ 2.73 177 eP 24 21.40 0.6
 MOZ 3.06 227 P 24 28.60 4.2X
 TTH 3.15 192 eP 24 25.70 0.4
 WAHZ 3.39 197 eP 24 28.00 -0.1
 BSZ 3.97 212 eP 24 36.60 1.9X
 KIW 4.90 205 P 24 46.00 0.2
 MTW 4.99 199 P 24 46.30 -0.6
 CAW 5.07 203 P 24 47.60 -0.3
 BLW 5.19 199 P 24 49.10 -0.3
 DIW 5.23 213 eP 24 50.90 0.9
 MRW 5.30 205 eP 24 50.50 -0.2
 eS 25 44.20
 MOW 5.30 200 P 24 50.30 -0.5
 WEL 5.32 204 eP 24 51.00 0.0
 TCW 5.43 208 eP 24 52.50 0.1
 KHZ 6.75 207 P 25 10.30 1.5
 S 26 16.70
 LTZ 7.56 212 eP 25 19.20 0.0
 MQZ 8.19 206 eP 25 25.90 -1.2
 S 26 48.80

S.D. = 0.6 on 20 of 24 obs.

? OCT 23, 1992 15h 25m 47.93±3.61s
 40.555 N ± 33.9km 22.668 E ± 20.3km
 DEPTH = 33.0km (normal)

GREECE (364)

ML 1.4 (THE).

THE 0.24 71 ePg 25 54.60 -0.3
 eSg 25 57.52
 GRG 0.45 333 ePg 25 58.00 0.2
 eSg 26 02.40
 SOH 0.59 63 ePg 26 00.28 0.5
 eSg 26 06.92
 KNT 0.63 16 ePg 26 00.08 -0.3
 eSg 26 06.32

S.D. = 0.7 on 4 of 4 obs.

OCT 23, 1992 15h 29m 12.68±0.14s
 5.282 S ± 3.0km 152.639 E ± 3.8km
 DEPTH = 33.0km (normal)
 5.6mb (64 obs.) 5.6msz (43 obs.)
 NEW BRITAIN REGION, P.N.G. (192)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN

L.P.B.: 19S, 34C

Centroid Location:

Origin Time 15:29:21.4 0.7

Lat 5.41S 0.10 Lon 152.65E 0.05

Dep 32.7 5.5 Half-duration 2.3

Moment Tensor; Scale 10**17 Nm

Mrr= 1.68 0.27 Mtt= 2.06 0.32

Mff=-3.74 0.31 Mrt= 5.18 0.71

Mrf= 1.96 0.48 Mtf=-0.87 0.29

Principal Axes:

T Val= 7.11 Plg=45 Azm=354

N -1.53 30 230

P -5.58 31 120

Best Double Couple: Mo=6.3*10**17

NP1: Strike=158 Dip=31 Slip= 15

NP2: 54 82 120

RAB 1.18 336 iP+ 29 36.00 3.0X
 LAT 5.77 256 eP 30 41.10 2.8X
 PMG 6.81 233 eP 30 55.00 2.2
 eS 31 15.00
 SVO 8.09 119 eP 31 10.00 -0.8
 HNR 8.34 120 eP 31 15.00 0.7
 MNDI 8.98 264 eP 31 30.00 6.7X
 WWKK 9.14 280 eP 31 28.80 3.4X
 JAY 12.22 283 ePd 32 06.80 -0.6
 eS 33 45.30
 CTA 15.97 202 P 33 00.20 3.5X
 BKM 19.61 130 iPc 33 40.40 -1.0
 PVC 19.70 130 iPc 33 41.20 -1.2
 QIS 19.77 219 iPd 33 42.00 -1.1
 0.7s 15.00nm 4.4mb X
 GUA 20.21 338 eP 33 49.00 1.2
 1.0s 1704.00nm 6.3mb
 GUMO 20.27 338 eP 33 40.10 -8.3X
 0.7s 296.00nm 5.7mb
 GUMO 20.27 338 eP 33 48.60 0.2
 1.0s 1631.80nm 6.3mb
 PJG 20.27 338 eP 33 49.60 1.2
 DZM 21.38 143 iPc 33 57.60 -2.2
 RMO 21.41 190 iPc 33 59.40 -0.6
 0.5s 91.00nm 5.4mb
 BRS 21.99 180 iPc 34 05.20 -0.6
 i 34 15.00
 e 38 11.00
 QLP 22.65 200 eP 34 11.90 -0.4
 0.9s 306.00nm 5.8mb
 WRA 23.01 229 P 34 16.50 0.6
 ARMA 25.02 182 iPd 34 36.10 0.7
 1.3s 173.00nm 5.5mb
 KNA 25.64 244 eP 34 41.70 0.5
 0.8s 226.00nm 5.8mb
 ASPA 25.69 223 eP 34 41.30 -0.4
 1.6s 58.70nm 4.9mb
 Z 20s 12.70um 5.4msz
 eS 39 16.20
 eScS 45 39.80
 STK 28.41 200 P 35 05.40 -1.0
 BWA 29.26 187 eP 35 12.90 -1.2
 epP 35 19.80 24kmX
 CNB 30.04 185 eP 35 10.20 -10.8X
 1.0s 87.00nm
 CAN 30.08 186 eP 35 19.80 -1.6
 iP 35 28.90 31kmX
 WARB 32.39 227 eP 35 41.00 -0.8
 0.4s 11.00nm 5.1mb
 TOO 32.79 191 eP 35 44.50 -0.6
 1.1s 58.00nm 5.4mb
 MKS 33.03 269 ePd 36 05.00 17.6X
 BFD 33.06 195 eP 35 45.90 -1.5
 1.1s 54.00nm 5.4mb
 KKM 38.07 287 ePd 36 30.00 -0.4
 COOL 39.04 225 eP 36 37.50 -0.8
 NANU 39.74 241 eP 36 43.50 -0.7
 LTZ 41.20 158 P 36 55.80 -0.2
 KAGJ 41.79 332 P 37 01.70 0.8
 KLB 41.86 227 eP 37 00.00 -1.5
 MRWA 42.02 231 eP 37 03.00 0.1
 BAL 42.14 229 eP 37 03.00 -0.8
 MQZ 42.14 158 P 37 03.90 0.4
 KAKJ 42.89 345 P 37 08.30 -1.5
 KUMJ 42.95 333 P 37 10.80 0.5
 CHJJ 43.06 344 P 37 09.10 -2.1
 MUN 43.19 228 eP 37 11.00 -1.3
 TSRJ 43.52 340 P 37 13.50 -1.4
 SHK 43.85 336 eP 37 17.00 -0.6
 MTMJ 43.90 343 P 37 16.60 -1.5

SHNJ	44.16	334	eP	37	19.50	-0.6	E	14s	2.76um		eS	50	33.00						
NIIJ	44.18	344	P	37	19.00	-1.2			PP	41	06.00	e	51	18.00					
OZH	44.71	314	eP	37	23.00	-1.7			S	46	50.00	iPc	40	59.00					
	1.0s	150.00nm			5.8mb		KMI	57.12	304 Pc	38	59.00	-0.1		0.5					
Z	18s	6.05um			5.6Msz			1.5s	130.00nm		5.7mb			5.5mb					
		S	43	52.00			Z	20s	3.10um		5.4Msz			5.6Msz					
YAMJ	44.79	346	eP	37	24.30	-0.9	N	15s	2.00um				41	09.00					
OFUJ	45.29	348	eP	37	28.60	-0.5	E	15s	1.50um				S	50	43.00				
AOMJ	46.99	347	eP	37	42.90	0.4			pP	39	05.00	20kmX	ANM	76.28	17 eP	40	59.28	-0.3	
SSE	47.02	322	Pc	37	43.50	0.6			sP	39	12.50		HYB	76.50	289 eP	41	01.30	-0.4	
	1.0s	45.00nm			5.4mb		KHT	57.16	291 eP	38	58.30	-0.8		1.0s	40.00nm		5.4mb		
Z	20s	4.10um			5.4Msz		BDT	57.50	294 eP	39	00.00	-1.5	KDC	76.70	27 eP	41	00.71	-1.3	
N	16s	3.30um						1.0s	27.60nm		5.3mb			0.9s	24.78nm		5.2mb		
E	14s	2.50um					CHG	58.05	296 ePc	39	05.00	-0.4	SVW	77.32	23 eP	41	05.91	0.4	
GZH	47.62	308 P	37	49.80	2.0			1.0s	57.00nm		5.6mb		TTA	78.27	21 ePc	41	11.12	0.3	
	1.0s	90.00nm			5.7mb		PMO	59.17	104 iP	39	13.10	-0.1		1.4s	72.56nm		5.5mb		
N	20s	8.43um						1.2s	102.00nm		5.8mb				e	41	19.75		
E	16s	3.55um					HHC	59.34	325 eP	39	13.80	-0.3	TIK	78.34	353 iPc	41	10.00	-0.8	
HOOJ	48.20	351 eP	37	51.90	0.0			1.1s	70.00nm		5.7mb			2.0s	123.00nm		5.6mb		
QIZ	48.58	301 P	37	56.00	0.7		Z	18s	4.96um		5.7Msz		Z	17s	10.00um		6.2MszX		
	0.9s	40.00nm			5.4mb		N	16s	2.52um					ePPP	45	58.00			
E	18s	7.72um					E	14s	1.78um					eS	51	00.00			
		S	44	57.00			TPT	59.44	104 iP	39	14.80	-0.2		e	51	22.00			
MRRJ	48.63	349 eP	37	53.90	-1.4			1.2s	90.00nm		5.8mb		SPU	78.78	24 eP	41	12.05	-1.5	
KUSJ	48.69	352 eP	37	53.90	-1.8		VAH	59.44	105 iP	39	14.40	-0.6	CRP	78.78	24 eP	41	11.98	-1.7	
NJ2	49.12	321 Pd	38	00.00	0.8			1.2s	60.00nm		5.6mb		SLKM	79.17	25 eP	41	14.78	-0.9	
	1.2s	31.00nm			5.2mb		RUV	59.68	104 iP	39	16.40	-0.3	PMR	80.19	24 eP	41	21.10	0.1	
N	15s	4.17um						1.2s	95.00nm		5.8mb			1.0s	103.60nm		5.8mb		
KGM	49.80	277 ePd	38	04.50	-0.3		BTO	60.09	323 P	39	19.00	-0.2	PMR	80.19	24 P	41	30.00	9.0X	
ASAJ	49.99	351 eP	38	05.90	0.1			1.0s	67.00nm		5.7mb		Z	19s	3.21um		5.7Msz		
WHN	51.09	317 Pd	38	15.50	1.2		N	17s	3.09um				ELT	80.40	326 iPc	41	22.00	-0.3	
	1.2s	53.00nm			5.4mb		E	16s	1.27um					1.4s	156.00nm		5.8mb		
Z	18s	6.63um			5.7Msz			pP	39	30.00	37kmX			eS	51	25.00			
N	16s	2.43um						PcP	39	59.50				e	51	27.00			
		pP	38	27.50	43kmX			eS	47	34.00			JMA	80.96	19 ePc	41	25.19	-0.1	
IPM	52.47	280 ePd	38	24.10	-1.0		SMY	60.59	15 e(P)	39	22.40	0.1		1.3s	76.89nm		5.5mb		
	1.1s	51.80nm			5.4mb		SMY	60.59	15 P	39	30.00	7.7X			e	41	33.56		
DL2	52.50	330 P	38	25.00	0.1		Z	20s	9.38um		5.9Msz		KLU	81.48	25 ePc	41	28.10	0.1	
	1.0s	33.00nm			5.3mb			61.46	316 iPc	39	28.50	-0.3			e	41	36.70		
Z	36s	3.43um			5.1MszX			2.0s	210.00nm		5.9mb		PRZ	82.04	314 iPd-	41	33.00	1.7	
N	15s	2.65um					Z	20s	3.08um		5.5Msz			1.2s	200.00nm		6.2mb		
E	17s	2.99um					N	16s	2.78um				Z	16s	1.00um		5.3MszX		
YSS	52.81	351 eP	38	25.00	-2.0			eS	47	51.00			N	16s	2.40um				
Z	19s	3.40um			5.4Msz		MGD	65.20	359 eP	39	51.00	-1.6	E	16s	2.40um				
E	19s	1.50um					Z	18s	3.60um		5.6Msz				eS	51	45.00		
		e	39	36.00			N	18s	3.80um				FBA	82.39	22 ePc	41	31.67	-0.8	
TIA	53.01	324 eP	38	28.00	-0.7			e	40	22.00				0.8s	61.08nm		5.7mb		
	1.4s	47.00nm			5.3mb		GTA	65.90	317 Pc	39	57.50	-0.3			e	41	40.11		
Z	18s	4.03um			5.5Msz			1.5s	88.00nm		5.6mb		BALM	82.83	26 ePc	41	35.17	0.2	
SNG	53.37	283 eP	38	31.00	-0.6		Z	20s	4.90um		5.7Msz				e	41	43.59		
SNY	53.86	333 Pd	38	35.00	0.2		N	14s	1.69um				KSH	83.11	311 Pc	41	39.20	2.3	
	1.8s	4.52um			5.6Msz			pP	40	03.20	18kmX			1.0s	350.00nm		6.4mb		
E	17s	2.63um					CIT	66.03	335 eP	39	58.00	-0.2	Z	16s	0.31um		4.0MszX		
		sP	38	47.20			LSA	68.38	305 iPc	40	14.00	-0.1	E	16s	0.27um				
GYA	54.56	308 iPd	38	40.00	-0.4			1.6s	5.00nm		4.4mb X				eSKS	51	52.00		
	1.0s	33.00nm			5.3mb		YAK	69.39	349 iPc+	40	18.30	-0.8			eS	52	00.00		
Z	20s	6.88um			5.7Msz			1.5s	210.00nm		6.0mb		BRW	83.27	15 eP	41	38.30	1.4	
N	15s	2.78um					N	15s	1.30um				SPA	84.75	180 iPc	41	46.30	1.6	
E	15s	2.32um					E	16s	1.20um					1.0s	24.00nm		5.3mb		
		pP	38	49.60	31kmX			i	40	40.00			SIT	84.77	31 P	41	50.00	5.3X	
CN2	54.67	336 P	38	40.00	-0.8			e	40	26.00			FRU	84.83	314 iP	41	47.00	1.6	
	1.2s	26.00nm			5.1mb		ZAK	69.82	329 iPc	40	21.80	0.0		1.8s	310.00nm		6.2mb		
Z	17s	5.59um			5.7MszX			1.4s	94.00nm		5.7mb		Z	18s	1.50um		5.4Msz		
N	17s	3.45um					Z	16s	2.97um		5.6MszX		E	18s	2.00um				
E	17s	0.97um					E	18s	3.53um						eS	52	10.00		
		epP	38	51.00	37kmX		BOD	70.14	339 iPc	40	23.00	-0.7			e	52	56.00		
		PcP	39	42.00				1.2s	49.00nm		5.4mb		MAW	85.07	203 iPd	41	47.00	0.9	
		ScP	43	37.00			IRK	70.45	331 ePc	40	24.00	-1.7		1.0s	32.00nm		5.5mb		
		eS	46	17.00				1.4s	14.00nm		4.8mb		NRI	86.22	341 iPc	41	50.00	-1.7	
		eSS	50	00.00			Z	18s	2.29um		5.5Msz			1.7s	115.00nm		5.8mb		
LOE	55.09	295 eP	38	44.20	-0.1		N	18s	1.31um				Z	18s	6.90um		6.1Msz		
HON	55.14	60 P	39	00.00	15.5X		E	16s	1.26um						e	42	00.00		
	Z	19s	8.10um		5.8Msz			e	40	36.30				iS	52	16.00			
NST	55.99	293 eP	38	53.00	2.3		SDN	71.70	26 eP	40	31.63	-1.6	QUE	88.91	300 eP	42	07.60	1.8	
BJI	56.20	327 eP	38	50.50	-1.4			0.8s	160.10nm		6.1mb				eS	52	41.50		
	2.0s	190.00nm			5.8mb		RKT	71.75	112 iP	40	26.60	-7.5X	WDC	89.47	49 P	42	20.00	12.0X	
Z	18s	3.24um			5.5Msz			1.6s	175.00nm		5.8mb		Z	18s	1.80um		5.5Msz		
N	15s	2.45um					MOY	71.76	329 ePc	40	33.80	0.2		89.60	323 iPc	42	08.00	-0.3	
		eS	46	38.00				1.4s	96.00nm		5.6mb			1.0s	42.00nm		5.7mb		
TIY	56.81	322 Pc	38	55.50	-0.9		UER	75.36	327 iPc	40	53.00	-1.5	Z	16s	3.81um		5.9MszX		
	Z	20s	8.73um		5.9Msz			1.6s	13.00nm		4.7mb		N	16s	1.01um				
E	14s	1.79um					Z	16s	2.08um		5.5MszX		E	18s	2.23um				
		S	46	47.00				e	41	13.00				eS	52	35.00			
XAN	56.86	317 Pc	38	56.00	-0.8		N	16s	0.83um				GMW	90.20	42 eP	42	12.08	0.9	
	0.8s	58.00nm			5.7mb		E	16s	1.58um				CMB	90.84	52 P	42	30.00	15.6X	
Z	18s	7.23um			5.8Msz			e	45	32.00				Z	18s	1.95um		5.6Msz	
N	17s	3.88um																	

23d 15h

ISA	92.14	55 P	42 30.00	9.5X
Z	18s	4.00um	5.9Msz	
BONR	92.47	52 eP	42 22.57	0.3
		e	42 32.29	
DPW	93.31	42 eP	42 25.93	0.3
TPNV	94.03	53 (P)	42 30.30	1.0
Z	20s	2.46um	5.7Msz	
MBC	94.62	14 eP	42 35.50	4.5X
	1.0s	15.00nm	5.4mb	
SVE	95.48	326 iPd	42 35.00	-0.3
	2.2s	120.00nm	6.0mb	
YKA	95.92	28 eP	42 38.00	0.8
	1.0s	13.20nm	5.4mb	
ASH	96.60	307 eP	42 40.00	-0.8
ARU	96.60	326 (P)	42 36.00	-4.4X
	2.3s	180.00nm	6.2mb	
		e	42 52.00	
MSU	97.32	52 eP	42 46.16	1.8
SES	98.07	40 ePc	42 47.10	-0.1
TUC	98.35	58 P	43 00.00	11.1X
Z	18s	2.30um	5.7Msz	
EMUT	98.38	51 (P)	42 51.68	2.6X
ALQ	101.94	56 Pdiff	43 20.00	14.8X
Z	18s	1.10um	5.4Msz	
GOL	102.58	51 Pdiff	43 20.00	11.9X
Z	19s	2.22um	5.7Msz	
RSSD	103.22	46 (Pdiff)	43 12.68	1.9X
Z	21s	1.86um	5.6Msz	
OBN	109.03	327 ePdiff	43 35.00	-1.0
MIAR	112.53	55 PKP	48 00.00	12.3X
Z	19s	1.65um	5.6Msz	
JFWS	113.29	45 PKP	48 00.00	11.0X
Z	18s	1.69um	5.7Msz	
SLM	114.36	50 PKP	48 00.00	8.8X
Z	19s	2.11um	5.8Msz	
FVM	114.36	51 PKP	48 00.00	8.7X
Z	18s	2.96um	5.9Msz	
JAO	117.78	30 ePKP	47 56.00	-1.2
VR1	118.26	320 ePKPd	47 46.00	-12.4X
OJC	120.34	327 ePKP	48 03.20	1.0
SPC	120.63	326 ePKP	48 03.80	0.8
MCWV	121.75	46 PKP	48 20.00	14.8X
Z	19s	2.93um	6.0Msz	
SRO	122.45	325 iPKP	48 07.00	0.7
BRG	123.00	330 iPKPd	48 07.80	0.6
	1.3s	31.00nm		
		iPg	48 11.00	
		iSg	48 29.50	
CLL	123.19	331 iPKPd	48 08.40	0.8
	1.6s	29.00nm		
RSNY	123.23	39 PKP	48 20.00	12.1X
Z	20s	1.25um	5.6Msz	
PRU	123.25	329 ePKP	48 07.20	-0.5
SKO	123.37	318 i(PKP)	48 08.00	-0.3
Z	19s	1.38um	5.6Msz	
		i	48 12.30	
		LR	43 39.00	
CEH	123.65	50 PKP	48 20.00	11.0X
Z	18s	1.14um	5.6Msz	
AGG	124.00	314 ePKP	48 09.50	-0.2
KHC	124.27	329 PKP	48 11.00	1.1
	1.0s	10.40nm		
		e	48 19.00	
		e	48 24.50	
MOX	124.29	331 iPKP	48 10.60	0.8
	1.8s	28.00nm		
GEC2	124.38	328 PKP	48 10.70	0.5
	0.8s	7.08nm		
GRF	125.11	330 ePKPc	48 12.20	0.8
Z	20s	1.00um	5.5Msz	
MDZ	125.33	137 i(PKP)	48 06.50	-6.0X
VBY	125.48	324 ePKP	48 12.60	0.4
BHG	125.50	328 ePKP	48 12.70	0.4
WTS	125.54	335 ePKP	48 13.50	1.4
	1.0s	25.00nm		
LJU	125.59	325 ePKP	48 14.00	1.5
KBA	125.64	327 iPKPd	48 12.50	-0.3
	1.2s	12.40nm		
		i	48 22.20	
		i	48 28.30	
CEY	125.82	325 ePKP	48 14.00	1.0
VOY	125.96	325 ePKP	48 13.60	0.3
HRV	126.12	40 PKP	48 20.00	6.4X
Z	18s	2.06um	5.8Msz	
EKA	126.44	343 PKP	48 15.00	1.2
	1.4s	35.50nm		
WTTA	126.45	328 iPKPd	48 14.70	0.3

ENN	126.82	334 iPKPd	48 15.50	0.8
	0.9s	16.00nm		
OGA	127.02	328 iPKPd	48 16.50	1.0
WLF	127.52	333 PKPc	48 18.00	2.0
SNF	127.71	335 PKP	48 13.00	-3.4X
CDF	127.89	331 ePKP	48 16.80	-0.1
	1.6s	45.40nm		
DOU	127.89	334 PKP	48 18.20	1.5
	1.2s	72.20nm		
NNA	127.89	110 ePKP	48 19.80	2.0
	1.0s	40.00nm		
ARV	127.98	323 PKP	48 18.70	1.5
LMN	128.17	33 ePKP	48 23.50	6.1X
SFI	128.37	324 PKP	48 19.60	1.8
BSF	128.52	331 ePKP	48 18.20	0.0
	1.2s	49.70nm		
HAU	128.61	332 ePKP	48 18.40	0.2
	1.3s	44.40nm		
VAI	128.86	328 PKP	48 19.40	0.7
LOR	130.31	332 ePKP	48 21.90	0.4
	1.4s	36.60nm		
LBF	130.46	332 ePKP	48 22.20	0.4
	1.9s	80.50nm		
SSF	130.63	332 ePKP	48 22.60	0.5
	1.2s	38.10nm		
SMF	130.78	332 ePKP	48 22.90	0.5
	1.1s	21.00nm		
AVF	130.90	332 ePKP	48 22.80	0.2
	1.7s	50.75nm		
LDF	131.01	336 ePKP	48 23.30	0.6
	1.5s	52.25nm		
FLN	131.02	337 ePKP	48 23.10	0.4
	1.4s	76.25nm		
Z	19s	0.77um	5.4Msz	
BGF	131.30	332 ePKP	48 24.00	0.6
	1.1s	27.85nm		
GRR	131.47	337 ePKP	48 24.30	0.7
	1.2s	53.85nm		
TCF	131.80	333 ePKP	48 25.00	0.7
	1.3s	55.60nm		
LPF	131.83	336 ePKP	48 25.10	0.8
	1.4s	99.35nm		
LSF	132.14	333 ePKP	48 25.40	0.4
	1.8s	126.90nm		
LPO	133.48	332 ePKP	48 28.80	1.3
CNCB	134.24	119 ePKP	48 31.00	0.5
LPB	134.26	119 PKP	48 33.00	2.7X
BCAO	134.27	271 iPKPc	48 31.10	1.1
	1.0s	30.00nm		
		i	51 07.10	
		i	52 05.00	
ZOBO	134.33	119 PKP	48 15.20	-15.6X
	1.0s	25.00nm		
		i	48 32.20	
GUD	139.09	333 ePKP	48 35.00	-3.4X
EBAN	140.87	330 ePKP	48 42.90	1.4
EHOR	141.85	331 ePKP	48 38.00	-5.3X
EPRU	142.52	330 ePKP	48 39.10	-5.4X
EJIF	143.04	330 ePKP	48 41.00	-4.4X
PPD	144.13	140 ePKP	48 45.80	-1.8
		e	48 55.80	
VAO	145.98	146 ePKP	48 52.10	1.3
BMA	147.71	150 ePKP	48 56.60	3.0X
		e	48 57.90	
		e	49 05.00	
		e	49 17.80	
JFO	148.93	150 ePKP	48 36.80	-18.8X
BDF	150.90	136 PKPd	49 02.00	3.3X
		e	49 06.40	
		e	49 13.70	
		e	49 21.00	
		e	49 45.10	
		e	50 08.10	
		e	50 21.20	
KIC	157.47	274 PKP	49 15.70	8.0X
	1.1s	59.00nm		
		e	49 40.64	
		e	49 49.00	
TIC	157.74	275 PKP	49 16.30	8.3X
		e	49 41.96	
		e	49 50.00	
PDCR	158.79	147 ePKP	49 10.90	1.8
		S.D. = 1.0 on 179 of 225 obs.		
%	OCT 23, 1992	15h 37m	54.37 ± 0.78s	
	36.480 N ± 7.1km	3.118 W ± 6.2km		

DEPTH = 10.0km (geophysicist)				
STRAIT OF GIBRALTAR (385)				
mbLg 3.2 (MDD).				
EGUA	0.50	315 iPg	38 02.96	-1.6
		eSg	38 09.90	
ECOG	0.87	336 iPg	38 10.24	-1.0
		eSg	38 22.80	
ENIJ	0.88	56 iPg	38 10.41	-0.9
		eSg	38 23.50	
MAL	1.07	284 ePn	38 16.00	1.5
		iSg	38 25.00	
EMEL	1.19	174 ePg	38 16.20	-0.3
		eSg	38 30.90	
EHUE	1.40	17 ePn	38 19.88	-0.1
		eSn	38 39.30	
ELUQ	1.42	320 ePn	38 20.78	0.6
		eSn	38 39.20	
EBAN	1.76	343 ePn	38 26.71	1.6
		eSn	38 48.80	
EPRU	1.77	287 ePn	38 25.25	0.0
		eSn	38 46.10	
EJIF	1.89	270 ePn	38 27.08	0.0
		eSn	38 50.70	
EALH	1.93	44 ePn	38 27.62	0.0
		eSn	38 51.40	
EHOR	2.17	309 ePn	38 29.47	-1.5
		eSn	38 56.20	
EVIA	2.21	13 ePn	38 33.30	1.6
		eSn	39 01.00	
S.D. = 1.2 on 13 of 13 obs.				
OCT 23, 1992 16h 06m 17.52 ± 1.63s				
5.903 S ± 7.0km 104.934 E ± 8.0km				
DEPTH = 87.1 ± 14.2 km				
5.1mb (31 obs.)				
SOUTHERN SUMATERA, INDONESIA (274)				
KGM	8.03	348 eP	08 16.00	2.5
IPM	11.12	339 eP	08 54.90	-0.5
NANU	19.47	149 eP	10 37.60	-2.5
		eS	13 51.00	
KHT	21.49	343 eP	11 00.30	-0.5
LOE	23.37	352 eP	11 19.00	-0.3
CHG	25.26	347 eP	11 35.90	-1.4
	0.8s	9.70nm		4.3mb
KNA	25.34	115 eP	11 36.70	-1.4
GYA	32.21	3 iPd	12 42.20	2.5
	0.8s	7.80nm		4.6mb
ASPA	32.99	125 iPc	12 45.40	-1.0
	0.4s	13.60nm		5.1mb
		eS	17 58.60	
GBA	33.48	306 P	12 51.00	0.3
HYB	34.87	312 eP	13 01.70	-1.0
CD2	36.62	358 eP	13 18.40	1.2
OIS	36.65	117 eP	13 17.00	-0.6
LSA	37.79	340 eP	13 27.00	-0.6
GUN	38.32	332 P	13 30.50	-1.5
	0.6s	80.00nm		5.8mb
DMN	38.43	331 P	13 30.76	-2.0
KKN	38.50	331 P	13 31.60	-1.7
	0.7s	52.00nm		5.6mb
GKN	38.99	331 P	13 35.68	-1.6
POO	39.10	309 iPd	13 40.50	2.3
XAN	39.90	5 iPd	13 44.80	0.2
	0.5s	7.50nm		4.8mb
		pP	13 59.00	55kmX
LZH	41.78	359 eP	14 00.00	-0.1
	1.0s	20.00nm		4.9mb
		pP	14 13.00	49kmX
		PcP	15 56.50	
OLP	42.71	123 eP	14 08.20	0.5
	0.3s	24.00nm		5.5mb
NDI	43.53	324 eP	14 13.50	-0.8
	0.4s	59.32nm		5.8mb
TIY	43.95	9 eP	14 20.00	2.3
GTA	45.33	354 eP	14 29.00	0.3
	0.5s	21.00nm		5.2mb
		PcP	16 07.80	
CMS	45.93	129 iPc	14 33.30	-0.2
	0.7s	6.00nm		4.6mb
BFD	46.30	138 eP	14 36.40	0.1
	0.7s	7.00nm		4.7mb

BWA	49.15	131	eP	14	59.90	1.3	HNR	8.31	120	eP	48	12.00	26.9X	SPA	84.75	180	eP	58	16.50	0.6
CAN	49.96	132	eP	15	04.90	0.1	MNDI	9.00	264	eP	48	02.00	7.2X		1.1s	6.55nm			4.7mb	
			e	16	00.10		JAY	12.24	283	e(P)c	48	20.80	-18.1X	BONR	92.45	52	eP	58	53.91	0.5
BRS	50.18	121	iP	15	07.50	0.9	CTA	15.98	202	P	49	34.00	6.1X	MBC	94.61	14	eP	59	03.00	0.8
			i	15	14.00		BKM	19.59	130	iPc	50	11.70	-0.6		1.0s	6.00nm			5.0mb	
WMQ	51.89	344	P	15	19.00	-0.3	QIS	19.78	219	eP	50	13.00	-1.4	YKA	95.92	28	eP	59	08.50	0.2
	1.0s	21.00nm			5.1mb			0.7s	6.00nm			4.0mb X		0.9s	3.80nm			4.9mb		
Z	18s	0.79um			4.8msz		GUA	20.22	338	eP	50	20.50	1.4	BRG	123.02	330	ePKP	04	44.80	6.3
		pP	15	35.00	61kmX			1.2s	512.50nm			5.7mb		CLL	123.21	331	ePKP	04	39.00	0.2
MTMJ	52.28	34	P	15	22.00	-0.3	PJG	20.29	338	eP	50	19.50	-0.2	SKO	123.39	318	e(PKP)	04	34.00	-5.5X
KSH	52.46	332	eP	15	22.70	-1.0	DZM	21.36	143	iPc	50	31.30	0.5	KHC	124.28	329	ePKP	04	39.50	-1.6
	0.6s	30.00nm			5.5mb		RMQ	21.41	190	eP	50	30.00	-1.2		1.1s	4.00nm				
Z	16s	0.83um			4.9mszX			1.2s	125.00nm			5.2mb			e			04	47.00	
CHJJ	52.55	35	P	15	23.80	-0.5	BRS	21.98	180	iP	50	37.00	0.1	GEC2	124.39	328	PKP	04	41.30	-0.1
CN2	52.83	19	Pd	15	26.40	0.2			i	50	39.50	9kmX		0.6s	1.35nm					
	1.4s	26.00nm			5.1mb		QLP	22.66	200	eP	50	43.30	-0.3	BCAO	134.29	271	ePKPc	05	05.90	4.7X
OFUJ	56.19	34	eP	15	50.30	-0.5		1.1s	125.00nm			5.3mb			0.6s	5.00nm				
HOJ	59.38	32	eP	16	13.90	0.9	WRA	23.02	229	P	50	47.50	0.3	ZOBO	134.31	119	ePKP	05	03.00	1.1
ASAJ	60.27	30	eP	16	19.00	0.0	KNA	25.66	244	eP	51	13.00	0.4	SIV	140.48	123	ePKP	05	07.00	-5.6X
KUSJ	60.63	33	eP	16	21.50	0.0	ASPA	25.70	223	eP	51	11.50	-1.5	PPD	144.11	140	ePKP	05	16.60	-2.2
DZM	61.43	112	iPc	16	32.10	4.6X		0.5s	22.50nm			5.0mb		TRN	145.86	79	ePKP	05	02.50	-19.4X
YSS	62.39	28	iPc	16	33.00	-0.2	Z	17s	2.40um			4.8mszX		VAO	145.96	146	ePKP	05	23.50	1.5
	0.8s	20.00nm			5.2mb			eS	55	51.90			BMA	147.69	150	(PKP)	05	10.00	-14.7X	
BOD	63.98	5	iPc	16	42.90	-0.6	CMS	26.84	193	eP	51	21.30	-2.0	BDF	150.88	136	e(PKP)	05	37.00	7.1X
	0.7s	18.00nm			5.1mb			1.1s	28.00nm			4.8mb			e			05	38.90	
BRVK	65.64	338	iPc	16	53.00	-1.3	STK	28.42	200	P	51	40.59	3.0			e		05	44.10	
	0.9s	23.00nm			5.1mb		CAN	30.08	186	e(P)	52	00.10	7.6X			e		05	50.00	
GRS	70.35	315	iPc	17	23.00	-1.2	ADE	32.23	202	e(P)	52	26.60	15.1X			e		05	53.50	
	1.0s	20.00nm			5.0mb		WARB	32.41	227	eP	52	12.00	-1.1			e		05	57.10	
YAK	70.37	12	iPc	17	23.00	-0.6	YAMJ	44.80	346	eP	53	55.10	-1.3							
	0.8s	73.00nm			5.6mb		OFUJ	45.30	348	eP	53	59.80	-0.6							
SVE	72.16	336	iPc	17	35.00	0.5	KUSJ	48.69	352	eP	54	26.10	-0.8							
	1.0s	100.00nm			5.7mb		ASAJ	50.00	351	eP	54	37.10	0.1							
ARU	72.72	335	iPc	17	37.50	-0.3	MDJ	53.82	340	eP	55	04.10	-1.6							
	1.0s	80.00nm			5.6mb		GYA	54.58	308	eP	55	16.40	4.6X							
Z	21s	2.50um			5.5msz			0.8s	7.80nm			4.8mb								
KIV	74.70	319	eP	17	50.50	0.8	CN2	54.68	336	Pc	55	11.80	-0.3	KSP	0.68	170	iPd	52	25.70	-0.5
MGD	75.01	22	eP	17	51.00	0.0		1.0s	7.40nm			4.7mb			0.5s	260.00nm				
	0.7s	60.00nm			5.6mb		XAN	56.88	317	eP	55	26.80	-1.3			iS	52	35.10		
MBH	75.84	303	iPc	17	56.60	0.2		0.9s	12.00nm			4.9mb		BRG	1.51	246	iPn	52	39.50	-0.3
NR1	76.03	354	iPc	17	55.00	-1.5			pP	55	36.30	31km				iPg	52	41.10		
	0.8s	19.00nm			5.0mb		KMI	57.15	304	eP	55	31.00	0.6			iSg	53	00.70		
JVI	76.04	305	iPc	17	57.70	0.2		1.5s	40.00nm			5.2mb		PRU	1.82	214	Pn	52	44.70	0.3
GVMR	76.21	305	iPc	17	58.80	0.5			pP	55	42.50	39km			0.3s	103.90nm				
MMR	76.28	306	iPc	18	00.00	1.1	CHG	58.07	296	eP	55	37.00	0.3			Pg	52	46.70		
CSS	78.49	307	eP	18	11.00	0.1	CD2	58.95	311	eP	55	42.20	-0.5			i	52	50.60		
TIK	78.97	8	iPc	18	12.00	-0.7	HHC	59.36	325	P	55	45.00	-0.4			Sn	53	03.50		
	1.0s	10.00nm			4.7mb			1.2s	24.00nm			5.2mb				Sg	53	09.90		
OBN	82.68	327	iPc	18	33.00	0.5	BTD	60.10	323	eP	55	50.00	-0.5			e	53	17.50		
	1.0s	28.00nm			5.1mb		LZH	61.48	316	eP	56	00.00	-0.1	CLL	1.96	265	iPn	52	45.80	-0.6
VR1	86.05	317	ePc	18	53.00	3.3X		1.4s	35.00nm			5.3mb				iPg	52	49.10		
MLR	86.50	316	eP	18	54.00	1.9	Z	12s	0.37um			4.8mszX				iSg	53	15.60		
BCAO	86.88	275	iPd	19	08.10	13.6X	GTA	65.92	317	eP	56	28.80	-0.3	VRAC	2.23	172	ePn	52	50.70	0.5
	0.2s	8.00nm						1.0s	11.00nm			4.9mb			0.3s	14.70nm				
KAF	89.88	333	iP	19	08.30	0.6		Z	16s	0.57um		4.9mszX				eSn	53	21.60		
	0.6s	6.00nm			5.0mb		LSA	68.40	305	eP	56	45.60	0.2			eSg	53	24.80		
NUR	90.33	331	iP	19	10.20	0.5	GUN	72.26	301	P	57	08.68	0.0	OJC	2.67	118	iPd	53	03.00	6.4X
	0.5s	5.20nm			5.0mb		PKI	72.56	301	P	57	09.58	-0.9			iS	53	37.30		
BRG	95.16	321	e(P)	19	22.20	-10.0X	KKN	72.73	301	P	57	11.06	-0.3	KHC	2.88	215	Pn	53	00.00	0.4
GEC2	95.21	318	P	19	32.90	0.2	DMN	72.83	301	P	57	11.92	-0.1			Pg	53	05.30		
	0.5s	0.45nm			4.2mb		GKN	73.34	301	P	57	14.52	-0.3			e	53	11.00		
YKA	116.53	19	ePKP	24	39.00	-13.5X	WMQ	76.01	317	P	57	30.50	0.7			eSg	53	43.50		
	0.7s	2.30nm						1.5s	18.00nm			4.9mb		HOF	2.94	248	iPnc	52	59.80	-0.6
LNO	144.58	30	ePKP	25	45.00	-0.8	ANM	76.28	17	eP	57	31.56	0.8	MOX	2.97	255	ePn	53	02.00	1.2
TUL	144.58	30	ePKP	25	45.50	-0.5	GBA	76.97	285	P	57	37.00	1.5			iPg	53	08.70		
	0.6s	35.50nm					SVW	77.31	23	eP	57	37.41	0.8			iSg	53	48.30		
TBR	144.90	359	iPKP	25	45.79	-0.6		0.9s	47.58nm			5.5mb		WET	3.15	222	iPnc	53	03.50	0.2
LVNJ	145.24	360	iPKPc	25	46.76	-0.2	TTA	78.27	21	eP	57	41.87	-0.1	VKA	3.25	178	iPgc	53	14.10	9.2X
BDF	145.61	231	PKPc	25	49.80	1.4		0.8s	7.03nm			4.7mb				iSg	53	57.20		
		e	26	03.50			SLKM	79.16	25	eP	57	45.41	-1.4	SPC	3.52	130	e(Pn)	53	17.60	8.8X
			26	14.10			PMS	79.82	25	eP	57	49.80	-0.6			i	54	22.30		
UYO	146.63	30	iPKPc	25	51.10	1.7		1.0s	38.70nm			5.4mb				eSg	53	09.80		
MIAR	146.75	29	ePKPc	25	52.02	2.4X	PMR	80.18	24	eP	57	51.33	-0.8	GRF	3.61	242	iPnc	53	09.80	-0.1
GBTN	149.21	15	ePKP	25	57.29	3.8X		0.8s	18.91nm			5.1mb				e(Pg)	53	21.80		
ZOBO	156.91	197	PKP	26	07.00	1.4	IMA	80.96	19	eP	57	56.27	-0.1			e(Sn)	54	01.70		
								1.0s	13.65nm			4.9mb		KBA	4.79	203	iPnc	53	26.40	-0.5
									eP	58	05.69	30km				i	53	35.80		
									e	58	12.35					iSg	54	40.50		
																iPnc	53	31.60	-0.4	
							KLU	81.47	25	eP	57	59.18	0.1			i	54	53.70		
							TOA	81.65	25	eP	58	00.40	0.4	OGA	5.72	218	eP	53		

23d 17h

OCT 23, 1992 17h 09m 32.03± 0.85s
 41.077 N ± 4.9km 22.472 E ± 4.8km
 DEPTH = 11.7 ± 8.7 km
 NORTHWESTERN BALKAN REGION (383)
 ML 2.4 (SKO), 2.2 (THE).

GRG	0.13	204	iPg	09	35.33	-0.1
VAY	0.25	17	iPg	09	37.40	-0.1
			iSg	09	41.00	
KNT	0.33	75	ePg	09	39.28	0.3
			eSg	09	43.92	
THE	0.58	140	ePg	09	42.88	-0.8
			eSg	09	50.52	
SOH	0.72	111	ePg	09	45.96	0.0
			eSg	09	55.12	
SRS	0.85	87	ePg	09	48.57	0.3
			eSg	09	59.72	
FNA	0.88	251	ePg	09	48.96	0.1
			eSg	10	01.30	
LIT	0.98	179	iPg	09	50.85	0.4
			iSg	10	03.85	
SKO	1.18	319	iPg	09	53.80	-0.1
	0.4s				19.00nm	
			iSg	10	09.20	

S.D. = 0.5 on 9 of 9 obs.

* OCT 23, 1992 17h 26m 24.74± 0.56s
 5.259 S ± 8.4km 152.778 E ± 12.6km
 DEPTH = 33.0km (normal)
 4.6mb (8 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB	1.22	330	iP+	26	48.00	2.4
PMG	6.93	233	eP	28	00.00	1.4
			eS	29	26.00	
DZM	21.31	143	iPd	31	12.90	1.7
RMQ	21.46	190	eP	31	13.00	0.5
WRA	23.13	229	P	31	28.89	-0.2
ASPA	25.80	223	eP	31	53.10	-1.7
	1.0s				7.80nm	4.3mb
CMS	26.89	193	eP	32	03.70	-1.0
GYA	54.65	308	eP	35	54.00	0.8
CN2	54.71	336	eP	35	53.00	-0.1
XAN	56.94	317	eP	36	07.50	-1.9
	0.6s				6.60nm	4.8mb
			pP	36	15.60	26kmX
GTA	65.98	317	eP	37	09.80	-0.5
	1.0s				5.00nm	4.6mb
WMQ	76.06	317	P	38	10.50	-0.5
	1.5s				7.90nm	4.5mb
			pP	38	20.00	30kmX
HYB	76.62	289	eP	38	13.00	-1.5
SLKM	79.09	25	eP	38	25.99	-1.3
IMA	80.89	19	eP	38	36.84	-0.1
	0.7s				2.40nm	4.3mb
FBA	82.32	22	ePc	38	42.88	-1.3
	0.7s				5.52nm	4.7mb
KSH	83.20	311	eP	38	51.00	1.6
	1.0s				5.00nm	5.6mb
YKA	95.84	28	eP	39	49.50	0.6
	0.9s				2.30nm	4.6mb
GEC2	124.43	328	PKP	45	22.10	-0.2
	0.6s				1.17nm	
ZOBO	134.22	119	ePKP	45	44.00	1.4
			e	47	56.00	

S.D. = 1.3 on 20 of 20 obs.

OCT 23, 1992 17h 28m 37.07± 0.30s
 5.387 S ± 5.0km 152.769 E ± 7.9km
 DEPTH = 33.0km (normal)
 4.9mb (20 obs.) 4.4Msz (1 obs.)

NEW BRITAIN REGION, P.N.G. (192)

PMG	6.85	234	eP	30	19.00	1.2
SVO	7.93	119	eP	30	50.00	17.1X
HNR	8.17	120	eP	30	23.00	-13.4X
BKM	19.44	130	iPc	33	04.10	0.1
OIS	19.77	219	eP	33	06.30	-1.2
	0.9s				6.00nm	3.9mb
GUMO	20.42	337	eP	33	05.60	-8.7X
	0.7s				172.20nm	5.5mb
			e	33	09.10	
DZM	21.22	143	iP	33	24.40	1.9
RMQ	21.33	190	iPc	33	23.30	-0.3
	0.8s				74.00nm	5.1mb
BRS	21.88	180	iPd	33	30.00	0.9
QLP	22.60	200	eP	33	36.40	0.2

WRA	23.04	229	P	33	41.79	1.2
	0.5s				10.40nm	4.6mb
ARMA	24.92	182	eP	34	19.10	20.2X
ASPA	25.70	223	eP	34	04.90	-1.3
	0.9s				36.70nm	5.0mb
Z	18s				1.00um	4.4Msz
KNA	25.71	245	eP	34	06.00	-0.2
CMS	26.77	193	iPc	34	14.50	-1.4
	0.9s				14.00nm	4.6mb
STK	28.36	200	P	34	29.79	-0.5
BWA	29.17	187	eP	34	30.30	-7.4X
CAN	29.99	186	eP	34	44.10	-0.9
BFD	32.99	195	eP	35	10.00	-1.2
	1.0s				8.00nm	4.6mb
YAMJ	44.92	346	eP	36	49.60	-1.0
OFUJ	45.42	348	eP	36	53.00	-1.5
GYA	54.72	308	P	38	05.40	-0.6
CN2	54.82	336	eP	38	06.00	-0.2
	0.5s				3.90nm	4.7mb
BJI	56.36	327	eP	38	21.00	3.6X
TIY	56.97	322	eP	38	23.80	1.9
XAN	57.02	317	Pd	38	21.50	-0.9
			sP	38	31.00	
KMI	57.29	304	eP	38	23.00	-1.6
CHG	58.21	296	eP	38	30.50	-0.4
HHC	59.50	325	eP	38	40.00	0.4
BTO	60.25	323	P	38	45.20	0.5
LZH	61.63	316	eP	38	55.50	1.2
	2.0s				20.00nm	4.9mb
			pP	38	59.50	13kmX
			sP	39	03.00	
GTA	66.06	317	eP	39	23.20	0.0
	1.0s				5.00nm	4.6mb
			sP	39	33.00	
LSA	68.54	305	eP	39	36.40	-3.1X
YAK	69.52	349	eP	39	44.00	-0.2
	1.3s				41.00nm	5.3mb
WMQ	76.15	317	P	40	25.30	1.5
	1.5s				7.90nm	4.5mb
SVW	77.36	23	eP	40	30.76	0.6
	0.8s				50.49nm	5.6mb
TTA	78.32	21	eP	40	36.40	1.0
SLKM	79.21	25	eP	40	39.73	-0.5
PMS	79.87	25	eP	40	43.70	-0.1
PMR	80.23	24	eP	40	44.65	-1.0
	0.9s				28.33nm	5.3mb
			e	40	53.86	
IMA	81.02	19	eP	40	50.06	0.1
	1.0s				10.77nm	4.8mb
TOA	81.70	25	eP	40	54.90	1.4
FBA	82.44	22	eP	40	56.16	-1.0
	0.8s				14.20nm	5.1mb
KSH	83.27	311	P	41	03.50	1.3
	0.7s				20.00nm	5.3mb
BRW	83.34	15	(P)	41	01.22	-0.4
SPA	84.65	180	iPc	41	10.60	2.0
	0.9s				8.64nm	4.9mb
QUE	89.07	300	eP	41	32.60	1.6
DPW	93.30	42	(P)	41	48.31	-1.6
YKA	95.96	28	eP	42	02.00	0.3
	0.7s				3.00nm	4.9mb
CLL	123.35	331	ePKP	47	43.00	10.7X
SKO	123.53	318	ePKP	47	27.70	-5.3X
KHC	124.42	329	ePKP	47	45.00	10.4X
GEC2	124.54	328	PKP	47	35.40	0.6
	0.7s				0.94nm	
VBY	125.64	324	ePd	44	21.60	7.0X
			i	44	31.00	
VBY	125.64	324	ePKP	47	34.00	-3.0X
			e	47	46.00	
BCAO	134.40	271	ePKPc	48	04.60	10.0X
	1.0s				10.00nm	
			i	48	18.50	
			i	51	29.90	
SIV	140.34	123	ePKP	48	00.00	-5.6X
PPD	143.96	140	ePKP	48	10.00	-1.7
VAO	145.82	146	(PKP)	48	18.00	3.0X
BMA	147.55	150	(PKP)	48	27.00	9.3X
BDF	150.73	136	e(PKP)	48	29.00	6.1X
			e	48	31.00	
			e	48	36.70	
			e	48	40.20	
			e	48	46.10	

S.D. = 1.1 on 44 of 61 obs.

* OCT 23, 1992 17h 37m 23.92± 0.58s

5.357 S ± 9.1km 152.755 E ± 10.9km
 DEPTH = 33.0km (normal)
 4.8mb (6 obs.)

NEW BRITAIN REGION, P.N.G. (192)

PMG	6.85	234	eP	39	06.00	1.3
			eS	40	22.00	
BKM	19.47	130	iPc	41	51.10	0.0
GUA	20.32	338	eP	42	05.10	4.9X
	0.7s				147.95nm	5.4mb
DZM	21.25	143	iPc	42	10.90	1.2
RMQ	21.36	190	eP	42	10.40	-0.3
	0.3s				8.00nm	4.6mb
BRS	21.91	180	iPc	42	16.00	-0.3
QLP	22.62	200	eP	42	23.70	0.4
	0.6s				24.00nm	4.8mb
WRA	23.05	229	P	42	22.89	-4.6X
ASPA	25.71	223	iPd	42	52.00	-1.1
	0.6s				11.50nm	4.7mb
CMS	26.79	193	eP	43	01.70	-1.2
CHG	58.19	296	eP	47	29.00	11.4X
LZH	61.60	316	eP	47	45.00	4.1X
	1.5s				16.00nm	4.9mb
SLKM	79.19	25	eP	49	26.81	-0.2
FBA	82.42	22	eP	49	43.92	0.0
	0.8s				5.27nm	4.6mb
MBC	94.66	14	eP	50	42.00	-0.4
GEC2	124.50	328	PKP	56	22.40	0.8
	0.6s				0.72nm	

S.D. = 0.9 on 12 of 16 obs.

* OCT 23, 1992 17h 45m 00.70± 0.52s
 5.248 S ± 8.3km 152.816 E ± 12.9km
 DEPTH = 33.0km (normal)
 4.7mb (8 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB	1.23	328	iP+	45	24.00	2.3
WWKK	9.31	280	eP	47	21.30	5.6X
JAY	12.38	282	ePc	48	07.90	10.2X
BKM	19.50	131	iPc	49	27.00	-1.2
OIS	19.91	219	eP	49	31.60	-1.0
GUMO	20.31	337	eP	49	29.60	-7.2X
DZM	21.30	143	iPc	49	50.20	3.2X
RMQ	21.48	190	eP	49	51.00	2.3
	0.9s				26.00nm	4.6mb
QLP	22.75	200	eP	50	01.20	-0.1
	0.7s				24.00nm	4.8mb
WRA	23.16	229	P	50	06.19	0.8
ASPA	25.84	223	P	50	32.00	1.0
CMS	26.91	193	eP	50	40.10	-0.7
XAN	56.95	317	iPd	54	43.60	-1.9
	0.6s				5.10nm	4.7mb
CD2	59.04	311	eP	54	58.70	-1.5
BTO	60.16	323	eP	55	03.70	-4.1X
LZH	61.56	316	eP	55	15.50	-2.0
	1.4s				16.00nm	5.0mb
GTA	65.99	317	eP	55	45.40	-1.0
	1.0s				6.00nm	4.6mb
LSA	68.50	305	eP	56	02.20	-0.7
WMQ	76.08	317	P	56	47.00	0.0
SVW	77.22	23	eP			

DEPTH = 10.0km (geophysicist)
COSTA RICA (78)

SJS 0.18 213 iPd 02 20.06 0.5
LCR2 0.35 188 iPd 02 22.82 0.1
BUS 0.57 160 ePc 02 27.11 -0.1
OCR 0.70 198 ePc 02 28.94 -0.3
JCR 1.17 258 iPd 02 36.74 -0.5
ACR 1.63 152 iPd 02 44.29 0.0
VCR 1.65 271 iPd 02 45.08 0.4

S.D. = 0.4 on 7 of 7 obs.

? OCT 23, 1992 18h 24m 17.40±5.44s
45.719 N ±17.9km 26.542 E ±22.1km
DEPTH = 105.0 ± 50.0 km

ROMANIA (358)

VR1 0.20 40 iPd 24 31.10 -0.6
BRD 0.41 119 ePd 24 34.00 0.6
MLR 0.48 242 iPd 24 34.00 0.0
CLI 0.98 32 iPd 24 38.50 0.2
CFR 1.25 115 iPd 24 41.00 -0.3

S.D. = 1.0 on 5 of 5 obs.

OCT 23, 1992 18h 30m 41.82±1.03s
52.908 N ± 7.5km 159.762 E ± 7.1km
DEPTH = 57.6 ± 8.3 km

4.8mb (39 obs.)

OFF EAST COAST OF KAMCHATKA (219)

PET 0.68 280 iPd 30 57.00 1.2
SKR 3.20 227 ePn 31 31.10 0.4
ILT 18.24 26 eP 34 51.00 -1.0
YAK 18.39 312 eP 34 54.00 0.1

MDJ 21.42 259 eP 35 24.50 -2.0
TIK 23.16 336 eP 35 42.00 -1.3

BOD 25.96 299 eP 36 10.20 0.0
IMA 26.31 42 eP 36 12.30 -1.2

GTA 42.43 276 eP 38 32.80 0.5
WMO 46.84 289 P 39 07.00 -0.6
TNP 56.85 69 eP 40 23.00 0.2

CHG 57.67 258 eP 40 29.00 0.5
BW06 57.78 60 eP 40 28.50 -0.9

GUN 58.71 276 P 40 35.50 -0.7
KKN 59.16 276 P 40 38.02 -1.1
PKI 59.25 276 P 40 38.38 -1.5
GKN 59.39 277 P 40 39.18 -1.5
DMN 59.40 276 P 40 39.34 -1.5
KAF 59.58 337 iPd 40 39.40 -1.9

RSSD 59.68 56 eP 40 41.31 -1.2
NB2 63.66 344 P 41 07.00 -1.7
HFS 64.06 342 eP 41 09.20 -2.1

EKA 71.20 350 Pd 41 55.40 -0.6
CLL 72.45 339 iPd 42 03.20 -0.3

BRG 72.65 338 e(P) 42 04.60 0.0
WTS 73.03 343 iPd 42 07.00 0.2

PRU 73.34 337 eP 42 09.30 0.6
MOX 73.38 339 eP 42 09.50 0.6
GRF 74.36 339 eP 42 15.20 0.6
ENN 74.37 343 iPd 42 14.40 -0.2

KHC 74.37 338 P 42 15.40 0.7
SRO 74.42 334 iPd 42 15.80 0.9
GEC2 74.61 338 P 42 16.10 -0.1

GBA 74.66 272 P 42 17.00 0.2
SNF 74.90 344 P 42 18.00 0.4
DOU 75.25 344 P 42 19.60 0.0
WRA 75.83 205 P 42 23.60 0.3

1.0s 1.70nm 3.9mb
CDF 76.38 342 iPd 42 26.30 0.1
0.8s 12.20nm 4.9mb

HAU 76.95 342 eP 42 29.30 0.0
BSF 77.03 342 iPd 42 29.70 -0.2
FLN 77.33 347 eP 42 31.80 0.5

GRR 77.74 347 eP 42 33.50 -0.1
LOR 78.11 343 iPd 42 35.70 0.0
LBF 78.36 343 iPd 42 36.90 -0.2

SSF 78.37 344 iPd 42 37.20 0.1
AVF 78.65 344 iPd 42 38.90 0.3
SMF 78.71 343 iPd 42 40.00 1.0

BGF 78.97 344 eP 42 41.40 1.0
LPL 79.26 341 iPd 42 43.50 1.2
LPG 79.28 341 iPd 42 43.70 1.2

TCF 79.33 344 iPd 42 42.70 0.3
MAF 79.34 344 eP 42 43.10 0.7
MFF 79.39 346 iPd 42 43.00 0.3

LSF 79.48 345 eP 42 43.50 0.3
ASPA 79.51 204 eP 42 44.00 0.5
RJF 80.40 345 iPd 42 49.50 1.4

CAF 80.68 344 iPd 42 50.70 1.1
LPO 81.06 345 eP 42 52.60 1.0
HRI 81.34 315 iPd 42 53.50 0.2

HMDT 82.30 315 iPd 42 58.70 0.5
LESF 82.65 344 P 43 01.52 1.6
GRBF 82.80 344 P 43 01.89 1.2

MBH 84.73 314 iPd 43 10.70 0.0
S.D. = 0.9 on 63 of 63 obs.

OCT 23, 1992 19h 16m 42.83±0.17s
5.327 S ± 3.1km 152.661 E ± 4.5km
DEPTH = 30.2km (19 depth phases)

5.5mb (63 obs.) 5.4Msz (39 obs.)
NEW BRITAIN REGION, P.N.G. (192)
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 32S, 56C
Centroid Location:
Origin Time 19:16:44.5 0.8

Lat 5.61S 0.11 Lon 152.89E 0.05
Dep 15.0 FIX Half-duration 1.7
Moment Tensor: Scale 10¹⁷ Nm

Mrr=0.42 0.08 Mtt=-0.30 0.11
Mff=-0.11 0.08 Mrt=3.96 0.12
Mrf=1.13 0.13 Mtf=0.15 0.07

Principal Axes:
T Vol=4.23 Plg=47 Azm=342
N -0.21 2 74
P -4.03 43 167

Best Double Couple: Mo=4.1*10¹⁷
NP1: Strike=303 Dip=3 Slip=139
NP2: 74 88 88

RAB 1.23 336 iPd 17 08.00 3.9X
LAT 5.78 256 eP 18 11.80 2.9X
PMG 6.80 233 eP 18 25.00 1.9

SVO 8.05 119 eP 18 43.00 2.3
HNR 8.30 120 eP 18 44.00 -0.1
MNDI 9.00 264 eP 18 58.60 4.6X
WWKK 9.17 280 eP 19 02.60 6.4X

CTA 15.94 202 P 20 29.39 2.7X
BKM 19.56 130 iPd 21 11.00 -0.4
PVC 19.66 130 iPd 21 12.00 -0.4

QIS 19.75 219 iPd 21 13.20 -0.2
0.6s 6.00nm 4.1mb X

GUA 20.26 338 eP 21 20.00 1.2
GUMO 20.32 338 eP 21 20.60 1.2
PJG 20.32 338 eP 21 21.00 1.6

DZM 21.33 143 iPd 21 29.00 -0.8
RMQ 21.37 190 iPd 21 29.30 -0.8
BRS 21.94 180 iPd 21 36.00 0.1

QLP 22.62 200 iPd 21 42.90 0.4
WRA 23.00 229 P 21 46.79 0.5
ARMA 24.98 182 iPd 22 06.20 0.7

KNA 25.64 244 eP 22 09.00 -2.7X
ASPA 25.67 223 iPd 22 11.90 -0.1
Z 18s 11.20um 5.4Msz

CMS 26.80 193 iPd 22 20.90 -1.4
STK 28.38 200 P 22 35.79 -0.8
BWA 29.22 187 eP 22 42.70 -1.5

CNB 30.00 185 iPd 22 50.90 -0.3
CAN 30.04 186 iPd 22 50.60 -0.9
ADE 32.19 202 e(P) 23 09.00 -1.5

WARB 32.38 227 eP 23 11.50 -0.7
TOO 32.75 191 eP 23 14.80 -0.5
BFD 33.02 195 iPd 23 16.10 -1.5

NANU 39.74 241 eP 24 14.70 0.0
KAGJ 41.84 332 eP 24 32.80 1.0
MRWA 42.01 231 iPd 24 33.30 0.0

KAKJ 42.94 345 eP 24 39.20 -1.5
KUMJ 42.99 333 P 24 41.40 0.2
CHJJ 43.11 344 eP 24 40.20 -1.9

MUN 43.18 228 iPd 24 42.40 -0.4
TSRJ 43.56 340 eP 24 44.90 -0.9
MTMJ 43.95 343 eP 24 47.60 -1.5

SHNJ 44.21 334 P 24 50.60 -0.4
NIIJ 44.22 344 eP 24 49.80 -1.3
QZH 44.76 314 eP 24 54.50 -1.1

YAMJ 44.84 346 eP 24 55.10 -1.0
OFUJ 45.34 348 eP 24 59.40 -0.6
AOMJ 47.04 347 eP 25 14.10 0.7

SSE 47.07 322 Pd 25 15.00 1.2
Z 20s 3.70um 5.3Msz
E 10s 1.30um

HOOJ 48.24 351 eP 25 23.00 27km
MRRJ 48.68 349 eP 25 25.70 -0.5
KUSJ 48.73 352 eP 25 25.80 -0.8

NJ2 49.16 321 Pd 25 31.00 0.9
KGM 49.82 277 eP 25 36.00 0.5
ASAJ 50.04 351 eP 25 36.50 -0.2

KUR 50.51 356 eP 25 40.00 -0.2
Z 18s 3.50um 5.4Msz
N 18s 3.50um
E 18s 3.00um

WHN 51.14 317 Pd 25 46.20 1.0
Z 22s 3.25um 5.3Msz
IPM 52.50 280 ePd 26 01.90 6.0X

YSS 52.85 351 iPd 25 56.30 -1.6
Z 17s 1.70um 5.2MszX
N 17s 1.30um

TIA 53.05 324 eP 25 58.70 -0.9
MDJ 53.86 340 eP 26 04.50 -0.8
GYA 54.60 308 P 26 12.00 0.7

1.0s 21.00nm 5.1mb

23d 19h

Z 20s	3.13um	5.4Msz	E 18s	2.02um		BALM	82.86	26 eP	29 05.61	-0.1				
N 15s	2.01um			eS	37 00.00			pP	29 15.91	33km				
E 15s	1.29um		BOD	70.19	339 iPc	27 54.20	-0.4	KSH	83.15	311 P				
	S	33 52.00		1.2s	42.00nm		5.4mb		1.1s	190.00nm				
CN2	54.72	336 P	26 10.40	-1.3	IRK	70.50	331 ePc	27 55.20	-1.4	Z 22s	1.49um			
	1.2s	24.00nm		5.1mb		1.4s	14.00nm		4.9mb	E 10s	1.10um			
LOE	55.13	295 eP	26 12.80	-2.3	Z 17s	0.73um	5.0MszX	BRW	83.31	15 ePd	29 08.41	0.7		
HON	55.14	60 P	26 30.00	14.9X	N 18s	0.44um			pP	29 18.13	31km			
	Z 21s	2.15um		5.2Msz	E 14s	0.42um		SPA	84.71	180 iPd	29 16.30	1.2		
NST	56.03	293 eP	26 25.00	3.5X		e	28 20.20	97kmX		0.8s	26.67nm	5.5mb		
BJI	56.25	327 eP	26 22.50	-0.3		eS	37 10.00		SIT	84.79	31 P	29 30.00	14.6X	
	1.5s	57.00nm		5.4mb		e	38 00.00		Z 20s	2.45um		5.6Msz		
Z 20s	1.81um	5.2Msz				eSS	41 42.00		FRU	84.88	314 iPc	29 18.00	1.8	
N 17s	1.38um		SDN	71.73	26 eP	28 02.46	-1.5		2.0s	200.00nm		6.0mb		
	eS	34 12.00		0.9s	89.29nm		5.8mb	MAW	85.03	203 ePd	29 17.00	0.5		
TIY	56.86	322 Pc	26 27.40	0.1	MOY	71.81	329 ePc	28 05.00	0.6		1.0s	22.00nm	5.3mb	
Z 19s	3.93um	5.5Msz		1.3s	80.00nm		5.6mb	NRI	86.27	341 iPc	29 21.70	-0.8		
E 18s	2.01um		GUN	72.27	301 P	28 08.02	-0.2		1.7s	66.00nm		5.6mb		
	S	34 17.00		1.1s	193.00nm		6.0mb	Z 20s	4.30um		5.8Msz			
XAN	56.91	317 iPc	26 27.00	-0.7	PKI	72.58	301 P	28 09.34	-0.7		i	29 31.00	29km	
	1.1s	45.00nm		5.4mb		1.3s	142.00nm		5.8mb		iS	39 47.00		
Z 20s	3.03um	5.4Msz	KKN	72.75	301 P	28 10.32	-0.5	QUE	88.95	300 eP	29 39.60	3.0X		
	S	34 16.00		1.1s	144.00nm		5.9mb		e(S)	40 09.70				
KMI	57.17	304 Pd	26 30.50	0.6	DMN	72.85	301 P	28 11.32	-0.2	WDC	89.48	49 P	29 50.00	11.4X
	1.7s	70.00nm		5.4mb		1.1s	272.00nm		6.2mb	Z 20s	2.88um		5.7Msz	
Z 20s	2.50um	5.3Msz	GKN	73.36	301 P	28 14.00	-0.3	BRVK	89.65	323 iPc	29 39.00	-0.1		
	pP	26 40.00		31km		1.1s	243.00nm		6.1mb		1.8s	72.00nm	5.7mb	
KHT	57.19	291 eP	26 30.20	0.3	UER	75.41	327 iPc	28 25.00	-0.4		Z 18s	1.86um	5.6Msz	
CHG	58.09	296 eP	26 36.80	0.6		1.5s	61.00nm		5.4mb	N 18s	0.39um			
	1.1s	35.44nm		5.3mb	Z 16s	0.91um	5.2MszX			E 18s	1.04um			
PET	58.34	4 eP	26 36.00	-1.3	E 16s	0.83um					eS	40 06.00		
Z 20s	1.80um	5.2Msz				e	28 43.00	66kmX	CMB	90.85	52 P	30 00.00	15.0X	
N 20s	2.10um					e	33 05.00		Z 20s	2.58um		5.6Msz		
E 20s	2.30um					eS	38 05.00		ISA	92.15	55 P	30 00.00	8.9X	
	eS	34 42.00	WMQ	76.03	317 Pc	28 30.00	0.7		Z 18s	1.03um		5.3Msz		
CD2	58.97	311 iPc	26 42.10	-0.1		1.5s	51.00nm		5.3mb	BONR	92.48	52 eP	29 54.20	1.3
Z 20s	3.00um	5.4Msz			Z 19s	2.91um	5.6Msz				ipP	30 03.16	28km	
	S	34 46.00				pP	28 40.00	32km	DPW	93.33	42 eP	29 57.18	0.9	
HHC	59.39	325 eP	26 45.00	0.0		PP	31 19.00			e	30 04.09	22km		
Z 21s	2.54um	5.3Msz				S	38 09.00		TNP	93.34	52 eP	29 56.65	-0.1	
N 18s	1.61um				ANM	76.32	17 eP	28 29.71	-0.7		0.8s	4.13nm	4.9mb	
E 13s	0.71um					epP	28 39.64	32km	TPNV	94.03	53 P	30 10.00	10.1X	
BTO	60.14	324 P	26 50.00	-0.1	HYB	76.53	289 eP	28 31.40	-1.1		Z 21s	2.71um	5.7Msz	
	1.2s	70.00nm		5.7mb		e	28 41.00	31km	MBC	94.65	14 ePd	30 02.50	0.8	
N 16s	1.30um				KDC	76.73	27 eP	28 32.63	-0.1		1.0s	6.00nm	5.0mb	
E 18s	1.03um					0.9s	17.44nm		5.1mb	SVE	95.53	326 ePc	30 05.00	-1.1
	pP	27 01.00		37km	GBA	76.98	285 P	28 36.00	1.1		2.1s	60.00nm	5.7mb	
	eS	35 04.50			SVW	77.35	23 ePc	28 37.01	0.8	Z 16s	1.00um		5.4MszX	
SMY	60.63	15 P	27 00.00	6.9X		0.9s	80.53nm		5.8mb	N 19s	0.50um			
Z 20s	8.85um	5.9Msz				pP	28 47.00	32km	E 19s	1.10um				
LZH	61.51	316 eP	26 59.50	-0.1	TTA	78.31	21 ePc	28 42.05	0.5		ePS	42 49.00		
	1.4s	120.00nm		5.8mb		1.0s	19.88nm		5.1mb	YKA	95.95	28 eP	30 08.80	0.9
Z 20s	1.74um	5.2Msz				78.38	352 iPc	28 41.00	-0.6		1.0s	9.00nm	5.2mb	
E 16s	1.09um					1.3s	42.00nm		5.3mb	TUC	98.35	58 P	30 30.00	10.5X
	pP	27 09.50		33km	Z 17s	1.50um	5.4MszX				Z 19s	1.22um	5.4Msz	
	PcP	27 42.50				i	28 49.00	26km	NVL	99.72	192 eP	30 16.00	-8.9X	
	PP	29 17.00				eS	38 38.00			4.0s	189.00nm		6.0mb X	
	PcS	31 44.00				e	38 54.00				e	34 16.00		
	S	35 14.00			SPU	78.81	24 eP	28 42.51	-1.8		e	41 03.00		
	SS	36 42.00			SLKM	79.20	25 eP	28 45.86	-0.5	ALQ	101.95	56 Pdiff	30 50.00	14.1X
	SS	39 20.00			PMS	79.86	25 eP	28 50.20	0.3	Z 18s	0.83um		5.3Msz	
ADK	62.70	21 eP	27 07.30	0.2		1.0s	85.70nm		5.7mb	GOL	102.59	51 Pdiff	30 50.00	11.3X
	0.9s	125.20nm		6.0mb	NDI	79.87	300 iPc	28 50.80	0.2		Z 19s	1.99um		5.7Msz
MGD	65.24	359 eP	27 17.00	-6.5X		0.8s	37.31nm		5.4mb		103.24	46 Pdiff	30 50.00	8.6X
	e	27 31.00		50kmX	PMR	80.22	24 ePc	28 51.21	-0.5		Z 20s	0.91um		5.3Msz
	e	36 06.00				1.1s	74.01nm		5.6mb	OBN	109.08	327 ePKP	35 25.00	13.9X
	e	37 16.00				Z 20s	2.10um		5.5Msz	MIAR	112.53	55 PKP	35 30.00	11.7X
GTA	65.95	317 iPc	27 29.00	0.4			pP	29 00.35	29km		Z 19s	0.68um		5.3Msz
	1.4s	56.00nm		5.5mb	ELT	80.45	326 iPc	28 53.00	-0.1	SLM	114.37	50 PKP	35 30.00	8.2X
Z 20s	2.71um	5.5Msz				1.4s	123.00nm		5.7mb		Z 19s	1.51um		5.6Msz
E 20s	2.68um					Z 17s	1.50um	5.4MszX		FVM	114.37	51 PKP	35 30.00	8.1X
	pP	27 38.50		30km		N 17s	0.60um			Z 20s	3.68um		6.0Msz	
	eS	36 18.00				E 17s	1.00um			HFS	117.11	338 ePKP	35 31.60	5.3X
CIT	66.08	335 eP	27 29.50	0.4			eS	39 00.00			0.5s	1.10nm		
LSA	68.42	305 iPc	27 45.30	0.4	IMA	81.00	19 ePc	28 56.32	0.3					
	1.6s	5.00nm		4.4mb X		2.4s	239.38nm		5.8mb	OJC	120.38	327 ePKP	35 39.70	6.8X
Z 24s	1.39um	5.1MszX			POO	81.13	290 iPd	29 00.00	2.5	SPC	120.68	326 ePKP	35 39.30	5.6X
	S	36 41.00			KLU	81.51	25 ePc	28 59.17	0.5	MCWV	121.77	46 PKP	35 50.00	14.2X
YAK	69.44	349 iPd	27 50.00	0.1			pP	29 09.79	34km		Z 20s	2.00um		5.8Msz
	1.2s	161.00nm		6.0mb						KSP	121.89	329 ePKP	35 42.00	6.3X
	i	28 04.00		49kmX	TOA	81.69	25 eP	29 01.10	1.5	SRO	122.50	325 iPKP	35 43.30	6.4X
	e	28 20.00			PRZ	82.08	314 iP	29 04.00	1.8	BRG	123.05	330 ePKP	35 45.60	7.7X
	e	36 57.00				1.4s	220.00nm		6.0mb		1.2s	13.00nm		
ZAK	69.87	329 iPc	27 53.00	0.3			eS	39 18.00		CLL	123.24	331 ePKP	35 39.00	0.7
	1.3s	84.00nm		5.7mb	FBA	82.42	22 ePc	29 02.47	-0.8			e	35 55.00	
Z 17s	1.51um	5.3MszX				1.0s	45.46nm		5.5mb					

RSNY	123.25	39	PKP	35	50.00	11.5X	0.9s	40.00nm	4.8mb	0.8s	3.99nm	4.3mb					
Z	19s					5.6msz					iPp	43 05.95 114kmX					
PRU	123.30	329	ePKP	35	45.00	6.6X	22.89	230 P	56 00.00 0.9	LIC	67.94	73 P	42 43.80 0.6				
SKO	123.42	318	ePKP	35	39.60	0.7	0.7s	6.40nm	4.2mb	SPA	68.20	180 iPd	42 44.90 0.7				
CEH	123.67	50	PKP	35	50.00	10.4X	0.7s	17.90nm	4.8mb		0.8s	8.75nm	4.7mb				
Z	19s					5.5msz				KIC	68.26	73 P	42 45.10 0.0				
KHC	124.32	329	ePKP	35	43.00	2.4X	26.62	193 eP	56 33.20 -1.2	SRU	72.46	327 ePd	43 09.74 -0.5				
	1.4s						28.21	200 P	56 48.70 -0.2	MSU	72.87	325 ePd	43 12.68 0.0				
MOX	124.34	331	e(PKP)	35	46.10	5.6X	57.07	317 Pd	00 41.10 -1.5	ARUT	73.02	324 iPc	43 14.14 0.6				
GEC2	124.43	328	PKP	35	41.60	0.7	66.11	317 eP	01 42.50 -1.0	DAU	73.81	327 iPc	43 18.39 0.2				
	0.8s						69.64	349 ePc+	02 09.00 4.1X	LRM	78.45	330 eP	43 44.20 0.1				
GRF	125.15	330	ePKP	35	47.50	5.4X	1.3s	1861.00nm	7.0mb X	ORV	78.80	321 iPc	43 46.32 0.5				
Z	20s					5.4msz				LBFM	80.19	322 eP	43 53.29 -0.2				
VBY	125.52	324	ePKP	35	47.00	4.1X	72.71	301 P	02 23.94 -0.6	DPW	82.65	329 ePd	44 05.89 -0.1				
							72.88	301 P	02 25.30 -0.1	YKA	91.79	340 eP	44 49.00 -0.6				
HRV	126.14	40	PKP	35	50.00	5.8X	72.98	301 P	02 25.84 -0.2		0.6s	3.50nm	4.7mb				
Z	18s					5.7msz	73.49	301 P	02 27.64 -1.2	ASPA	129.80	207 ePKP	50 51.10 -1.0				
WTTA	126.50	328	iPKPc	35	42.00	-3.0X	76.20	318 eP	02 48.00 4.0X		1.3s	6.10nm					
	1.6s						79.36	25 (P)	03 04.68 3.7X	WRA	132.87	210 PKP	50 58.00 0.0				
							82.59	22 eP	03 18.75 0.9		0.6s	1.90nm					
WLF	127.57	333	PKP	35	55.00	8.3X	0.8s	3.77nm	4.5mb	GBA	146.38	98 PKP	51 23.00 0.7				
NNA	127.86	110	e(PKP)	35	51.00	2.6X	0.8s	20.00nm	5.3mb		S.D. = 0.6 on 26 of 37 obs.						
	1.1s							PP	06 39.00								
CDF	127.93	331	ePKP	35	48.90	1.3	KHC	124.50	329 ePKP	09 50.50 -4.1X							
DOU	127.94	334	PKP	35	54.90	7.5X	GEC2	124.61	328 PKP	09 54.80 -0.1				OCT 23, 1992 21h 24m 36.14 ± 0.14s			
BSF	128.57	331	ePKP	35	51.60	2.7X		0.9s	0.84nm					9.469 S ± 3.4km 122.560 E ± 4.4km			
	1.2s						S.D. = 1.2 on 19 of 23 obs.			DEPTH = 33.0km (normal)							
HAU	128.66	332	ePKP	35	50.50	1.6				6.0mb (88 obs.) 5.6msz (42 obs.)							
Z	17s					5.1mszX				SAVU SEA (288)							
LPL	130.20	329	ePKP	36	05.80	13.6X				FAULT PLANE SOLUTION: P-Waves							
LOR	130.36	332	ePKP	35	52.50	0.3				NP1:Strike=315 Dip=74 Slip=-29							
	0.9s									NP2: 54 62 -162							
Z	19s					5.2msz				Principal Axes:							
LBF	130.51	332	ePKP	35	54.40	1.9				T Plg= 8 Azm= 6							
	1.8s									P 32 272							
SSF	130.68	332	ePKP	35	54.60	1.9				Comment: The focal mechanism is							
	1.3s									moderately well controlled and							
SMF	130.83	332	ePKP	35	56.20	3.2X				corresponds to strike-slip							
	1.6s									faulting with a moderate							
BGF	131.35	332	ePKP	35	56.00	2.0				normal component. The							
	1.5s									preferred fault plane is not							
CNCB	134.20	120	PKP	36	02.20	1.2				determined.							
LPB	134.22	119	ePKP	36	05.00	4.1X				RADIATED ENERGY							
ZOBO	134.29	119	ePKP	35	42.00	-19.3X				No. of sta: 12 Focal mech. F							
										Energy 2.1±0.5*10**14 Nm							
										MOMENT TENSOR SOLUTION							
BCAO	134.29	271	ePKPc	36	04.90	4.3X				Dep 44 No. of sta: 14							
	0.9s									Moment Tensor; Scale 10**18 Nm							
										Mrr=-0.74 Mtt= 1.42							
										Mff=-0.68 Mrt= 0.02							
										Mrf=-0.70 Mtf=-0.69							
										Principal axes:							
SIV	140.46	123	ePKP	36	02.00	-10.0X				T Val= 1.65 Plg= 6 Azm= 18							
NEV	143.58	68	ePKP	36	16.94	-0.4				N -0.15 47 114							
MGH	144.01	69	ePKP	36	17.69	-0.4				P -1.49 42 283							
PPD	144.08	140	ePKP	36	16.30	-1.8				Best Double Couple:Mo=1.6*10**18							
CPB	144.14	67	ePKP	36	16.48	-1.8				NP1:Strike= 70 Dip=57 Slip=-151							
BPA	144.26	68	ePKP	36	16.48	-2.1				NP2: 323 66 -37							
PAG	144.68	70	ePKP	36	16.00	-3.3X				CENTROID, MOMENT TENSOR (HRV)							
TRN	145.87	79	ePKP	36	22.00	0.7				Data Used: GDSN							
VAO	145.93	146	ePKP	36	22.50	1.2				L.P.B.: 43S, *C							
BMA	147.66	150	ePKP	36	28.00	3.9X				Centroid Location:							
										Origin Time 21:24:47.1 0.2							
BDF	150.85	136	PKPc	36	37.00	7.7X				Lat 9.38S 0.02 Lon 122.75E 0.02							
										Dep 65.3 1.5 Half-duration 3.0							
										Moment Tensor; Scale 10**18 Nm							
										Mrr=-0.84 0.03 Mtt= 1.71 0.04							
										Mff=-0.87 0.06 Mrt= 0.42 0.04							
										Mrf=-0.83 0.03 Mtf=-0.75 0.03							
										Principal Axes:							
KIC	157.50	274	PKP	36	49.00	10.7X				T Val= 2.05 Plg=13 Azm= 18							
PDCR	158.74	147	ePKP	36	41.70	2.0				N -0.34 45 121							
										P -1.71 42 276							
										Best Double Couple:Mo=1.9*10**18							
										NP1:Strike= 67 Dip=51 Slip=-156							
										NP2: 321 71 -42							

23d 21h

WARB	17.07	167	eP	28	32.50	-1.5
ASPA	17.80	144	iPc	28	39.50	-3.6X
	0.8s	792.60nm			5.9mb	
Z	23s	22.00um			4.0Msz	
		eS	31	38.90		
CGP	17.93	7	iPc	28	45.20	0.5
		iS	29	25.00		
BIP	17.96	12	ePc	28	50.00	4.9X
		eS	32	15.50		
JAY	19.31	70	ePd	29	00.30	-1.3
	1.0s	664.80nm			5.9mb	
		eS	32	32.10		
PPR	19.49	349	iPd	29	07.00	3.4X
		iS	30	09.00		
MAP	19.71	4	eP	29	06.50	0.5
MRWA	20.59	197	iPc	29	14.30	-0.7
MNDI	21.16	83	eP	29	26.00	4.8X
		eS	33	13.40		
COOL	21.35	183	iPc	29	21.10	-1.7
WWKK	21.71	76	eP	29	24.20	-2.3
		eS	29	39.50		
BAL	21.73	194	iPc	29	26.00	-0.6
		eS	33	21.00		
KGM	22.31	300	ePd	29	35.00	2.6X
	1.2s	253.60nm			5.5mb	
		e	30	17.00		
KLB	22.46	191	iPd	29	33.10	-0.8
		eS	33	38.00		
MUN	23.16	194	iPc	29	40.30	-0.4
	20s	25.00um			5.7Msz	
N	20s	22.10um				
E	20s	11.80um				
MDG	23.40	81	eP	29	44.20	1.0
TGY	23.47	356	iPd	29	42.00	-1.8
QVP	23.98	356	eP	29	52.00	3.2X
PMG	24.27	92	eP	29	52.00	0.4
KLM	24.30	300	eP	29	50.50	-1.4
LAT	24.36	85	eP	29	52.00	0.3
CTA	25.19	117	P	30	01.39	0.9
CTAO	25.19	117	eP	29	59.84	-0.6
		ed	30	03.07		
IPM	25.60	302	ePc	30	04.00	-0.3
	0.9s	79.00nm			5.3mb	
		e	30	28.10		
		e	31	09.50		
QLP	26.66	133	iPc	30	14.30	0.3
		eS	35	20.00		
CVP	27.01	358	eP	30	19.60	2.4
SNG	27.41	306	eP	30	22.50	1.6
		eS	34	52.00		
PIP	27.68	356	ePd	30	24.30	1.0
STK	28.44	144	P	30	29.70	-0.4
ADE	29.36	152	e(P)	30	38.20	-0.3
RMO	30.02	128	eP	30	44.00	-0.4
	0.6s	107.00nm			5.8mb	
		e	31	26.00		
CMS	30.77	139	iPc	30	50.10	-0.8
	0.7s	102.00nm			5.7mb	
QIZ	30.97	336	P	30	55.10	2.4
	1.0s	120.00nm			5.6mb	
N	13s	4.91um				
E	13s	4.79um				
GUA	31.86	44	e(P)	30	52.70	-7.9X
	0.8s	220.90nm			6.1mb	
		e	31	01.20		
GUMO	31.86	44	e(P)	30	53.80	-6.8X
PJG	31.86	44	eP	30	53.00	-7.6X
HKC	32.63	345	P	31	08.90	1.7
		S	36	06.00		
BFD	32.98	150	eP	31	09.00	-1.1
	1.0s	246.00nm			6.1mb	
NST	33.43	318	eP	31	17.50	3.3X
GZH	33.59	345	P	31	18.00	2.5
	1.0s	130.00nm			5.8mb	
N	17s	8.79um				
E	13s	5.48um				
		S	36	27.00		
BRS	33.61	126	iPc+	31	17.00	1.1
	0.5s	90.00nm			5.9mb	
		i	31	40.00		
		e	33	22.00		
		iS	36	33.00		
LOE	33.72	322	eP	31	16.60	-0.2
KHT	33.84	315	eP	31	18.00	0.1
ARMA	34.19	132	iPd	31	21.90	1.0
	0.4s	57.00nm			5.9mb	
		eS	38	29.50		

BWA	34.33	140	iPc	31	23.90	1.9
		i	31	26.70		
		i	32	46.30		
		e(S)	38	54.70		
QZH	34.42	354	eP	31	22.00	-0.7
	1.3s	510.00nm			6.3mb	
Z	32s	15.00um			5.5MszX	
TOO	34.80	147	iPd	31	26.30	0.4
	0.4s	201.00nm			6.4mb	
		e	38	46.00		
CAN	35.27	141	iPc	31	30.40	0.4
		i	31	34.00		
		iPcP	32	43.50		
		iPP	32	59.40		
		e(S)	38	56.70		
		i	39	21.60		
BDT	35.31	319	iPc	31	29.80	-0.6
	1.3s	425.80nm			6.2mb	
CNB	35.49	141	eP	31	32.40	0.5
	1.0s	243.00nm			6.1mb	
RIV	35.75	137	iPd	31	36.40	2.4X
	0.8s	9701.49nm			7.8mb X	
		eS	37	15.00		
CHG	36.50	320	ePd	31	41.00	0.5
	0.8s	76.31nm			5.6mb	
		eS	37	22.00		
SVO	36.76	93	eP	31	44.00	1.3
HNR	36.87	93	eP	31	45.00	1.3
GYA	38.91	337	iPd	32	01.40	0.6
	1.2s	150.00nm			5.6mb	
Z	22s	16.30um			5.8Msz	
N	16s	6.51um				
E	16s	6.73um				
		S	37	54.00		
		ScP	37	57.00		
		ScS	42	09.00		
KMI	39.44	331	ePc	32	07.41	2.1
	1.5s	300.00nm			5.8mb	
Z	24s	9.50um			5.5MszX	
N	15s	4.20um				
E	15s	2.60um				
		S	38	03.00		
SSE	40.35	358	Pd	32	13.50	1.1
	20s	5.50um			5.4Msz	
N	10s	3.30um				
E	10s	2.90um				
		pP	32	16.00	8kmX	
		sP	32	21.50		
		SS	41	04.00		
WHN	40.56	349	Pc	32	15.50	1.4
	1.4s	500.00nm			6.1mb	
Z	20s	10.00um			5.7Msz	
E	18s	13.90um				
		iS	38	16.00		
KAGJ	41.20	11	eP	32	20.00	0.5
NJ2	41.44	355	Pd	32	21.50	0.2
	1.2s	260.00nm			5.8mb	
E	11s	5.12um				
		ScP	38	05.50		
		S	38	32.00		
ENH	41.46	343	(P)	32	22.01	0.4
		ed	32	24.74		
KUMJ	42.51	10	eP	32	29.30	-0.8
DZM	43.89	112	iPd	32	43.10	1.3
CD2	44.02	337	P	32	42.20	-0.3
	1.2s	410.00nm			6.1mb	
Z	24s	12.20um			5.7MszX	
E	16s	4.06um				
		S	39	08.00		
SHNJ	44.11	10	eP	32	43.60	0.5
TKSJ	44.57	14	eP	32	47.40	0.5
SHK	44.80	12	eP	32	44.60	-4.1X
BKM	45.06	105	iPd	32	55.20	4.1X
XAN	45.16	344	Pc	32	49.00	-2.7X
	1.1s	260.00nm			6.0mb	
Z	26s	9.33um			5.6MszX	
N	15s	2.46um				
E	15s	6.10um				
		PP	34	34.00		
		S	39	22.00		
		SS	42	43.00		
WKYJ	45.17	15	eP	32	52.60	0.8
YONJ	45.59	13	eP	32	54.40	-0.6
TIA	45.72	354	eP	32	58.60	2.6X
	0.8s	45.00nm			5.4mb	
N	15s	3.28um				
E	15s	2.81um				

						S	39	34.00		
TSRJ	46.52	15	eP	33	04.70	2.4				
CHJJ	47.85	18	eP	33	11.00	-1.8				
TIY	47.88	349	Pd	33	11.80	-1.3				
	1.0s	160.00nm			6.0mb					
Z	20s	8.66um			5.7Msz					
E	13s	1.61um								
		S	40	03.00						
MTMJ	48.00	17	eP	33	13.10	-1.0				
DL2	48.13	359	P	33	16.00	1.1				
	1.0s	120.00nm			5.9mb					
Z	38s	10.70um			5.5MszX					
N	14s	1.79um								
E	14s	2.69um								
KAKJ	48.36	19	eP	33	14.10	-2.7X				
LZH	48.62	340	iPd	33	20.00	1.0				
	2.5s	1120.00nm			6.5mb					
Z	32s	14.10um			5.7MszX					
E	15s	4.96um								
		pP	33	28.00	27kmX					
		sP	33	32.00						
		PcP	34	46.00						
		PP	35	08.00						
		ScP	38	37.00						
		PcS	38	42.50						
		S	40	15.00						
		sS	40	29.00						
		ScS	43	06.00						
		SS	43	38.00						
NIIJ	48.95	17	eP	33	19.70	-1.6				
LSA	49.31	323	ePd	33	23.93	-0.8				
		id	33	27.16						
		ed	33	28.15						
BJI	49.61	354	eP	33	24.69	-1.6				
	1.0s	160.00nm			6.0mb					
Z	24s	5.45um			5.5MszX					
N	15s	2.45um								
		e	33	28.17						
		ed	33	29.08						
		eScP	38	39.00						
		eS	40	26.00						
		eScS	43	13.00						
YAMJ	50.13	18	eP	33	29.70	-0.6				
GBA	50.31	296	P	33	30.00	-2.0				

	1.1s	70.00nm	5.5mb	ZAK	61.92	346	ePc+	34	53.70	-1.1			eS	45	24.00							
Z	24s	17.10um	6.0MszX		1.7s	615.00nm			6.5mb				ePS	45	50.00							
N	14s	1.18um		Z	17s	3.53um			5.6MszX		MAIO	74.65	312	iPd	36	13.40	-1.0					
E	14s	0.84um		E	20s	6.48um						0.9s	92.92nm			5.8mb						
		eScP	38			eS	43	08.00					eS	45	46.00							
		ScS	43			eSS	47	11.00			SMY	75.91	29	e(P)	36	23.20	2.1					
MCO	53.42	154	P	33	56.20	1.4	IRK	63.46	348	eP	35	03.00	-2.0	BRVK	76.47	331	iPc	36	23.00	-1.2		
TLC	53.44	140	eP	33	54.80	-0.6		1.8s	269.00nm	6.1mb		1.8s	390.00nm			6.1mb						
MHZ	53.51	140	eP	33	54.50	-1.4	Z	19s	2.95um	5.5Msz		Z	22s	3.53um			5.6Msz					
CMCZ	53.55	140	P	33	54.90	-1.2	N	19s	2.79um			N	22s	2.18um								
		e	34	16.40			E	20s	1.41um			E	22s	3.01um								
LRCZ	53.56	140	eP	33	55.00	-1.3			e	35	15.00			iS	46	03.00						
BWZ	53.66	139	eP	33	55.60	-1.2			eS	35	46.00		SHI	77.71	303	eP	36	31.00	-0.9			
	0.7s	58.00nm			5.7mb				eS	43	26.00		ADK	80.18	33	eP	36	45.87	1.3			
DSZ	53.82	135	eP	33	58.00	-0.1			ePS	44	03.00			1.3s	317.22nm			6.2mb				
QRZ	53.99	134	eP	33	59.40	0.1			e	44	48.00		SPA	80.59	180	iPd	36	47.90	1.1			
	0.7s	189.00nm			6.2mb				eSS	47	42.00			0.9s	44.55nm			5.5mb				
TUZ	54.14	141	P	33	59.10	-1.2	MOY	63.69	345	ePc	35	06.00	-0.4	TIK	81.03	2	iPc+	36	46.20	-2.5		
MDJ	54.20	6	eP	33	59.52	-1.2		1.2s	72.00nm	5.7mb			2.0s	940.00nm			6.4mb					
	1.5s	1210.00nm			6.7mb		AFI	64.29	101	eP	35	16.00	4.8X	Z	18s	3.60um			5.8Msz			
Z	40s	14.70um			5.7MszX				e	56	36.00			iS	46	45.00						
N	22s	6.98um					KSH	65.07	322	P	35	16.00	0.1		eS	47	44.00					
E	16s	2.50um						1.6s	160.00nm				5.9mb	ARO	81.94	283	ePd	36	56.00	1.4		
MRRJ	54.35	17	eP	34	00.40	-1.4	Z	35s	7.40um	5.6MszX				NRI	82.24	348	iPd-	36	56.00	1.0		
ODZ	54.37	140	eP	34	00.60	-1.5	N	20s	6.40um						1.8s	680.00nm			6.4mb			
	0.7s	87.00nm			5.9mb		E	19s	6.40um					Z	20s	8.20um			6.1Msz			
LTZ	54.53	136	eP	34	02.40	-0.9			PP	37	38.00			E	18s	2.50um						
	0.7s	87.00nm			5.9mb				S	43	54.00				iS	47	00.00					
THZ	54.59	135	eP	34	03.10	-0.7	UER	65.57	341	iPc	35	17.00	-1.6			ePPS	48	00.00				
ERM	54.60	19	(P)	34	02.94	-0.8		2.0s	*****nm	7.6mb X					eSS	52	25.00					
SVA	54.79	105	eP	34	08.00	2.5X			e	35	45.00			BAK	83.16	313	iPd	37	06.00	5.6X		
DIW	54.97	134	eP	34	05.10	-1.5			e	37	37.00				iS	47	20.00					
HOOU	54.98	19	eP	34	07.80	1.3			e	39	18.00			SVE	83.17	331	iPc	36	59.00	-1.1		
SAP	55.01	17	eP	34	09.00	2.3			iS	43	58.00				2.1s	400.00nm			6.2mb			
		eS	41	42.00					e	44	17.00			Z	15s	1.50um			5.5MszX			
MOZ	55.14	137	P	34	07.00	-0.7			e	45	07.00			N	17s	1.50um						
KHZ	55.27	136	P	34	07.90	-0.7			e	48	10.00			E	17s	1.00um						
WLZ	55.29	130	eP	34	09.10	0.2	PRZ	65.57	326	eP	35	18.50	-0.6			iS	47	10.00				
TCW	55.36	134	eP	34	08.20	-1.1		1.8s	1120.00nm	6.7mb				KER	83.50	306	eP	37	02.00	-0.5		
POO	55.53	300	iPc	34	10.50	-0.4			e	37	39.00			HON	83.71	67	P	37	10.00	6.4X		
MRW	55.67	134	eP	34	10.40	-1.2			ePPP	39	20.00			Z	21s	3.58um			5.7Msz			
SNZO	55.70	134	P	34	01.90	-9.8X			iS	44	00.00			ARU	83.98	330	(P)	37	02.61	-1.6		
CAW	55.89	134	eP	34	11.80	-1.4	QUE	66.38	309	eP	35	23.50	-1.0		1.8s	550.00nm			6.4mb			
		e	34	34.10					eS	44	17.20			Z	20s	3.00um			5.7Msz			
MNG	56.03	133	eP	34	10.90	-3.3X	BOD	67.43	355	iPc	35	29.30	-1.1		N	20s	1.00um					
KUSJ	56.08	19	eP	34	12.80	-1.6		1.3s	600.00nm	6.5mb				E	20s	3.50um						
MTW	56.22	134	P	34	13.90	-1.6	AAK	67.90	324	eP	35	32.10	-1.8			e	37	15.00				
ASAJ	56.36	17	eP	34	14.30	-2.1			e	35	35.07					e	40	24.00				
URZ	56.55	130	eP	34	17.30	-0.6			ed	35	36.48					eS	47	18.00				
CSY	57.34	186	P	34	23.20	0.1	FRU	67.95	324	eP	35	32.40	-1.6			ePS	48	16.00				
NOZ	57.35	130	eP	34	23.80	0.2		2.0s	640.00nm	6.4mb				SHE	84.15	313	eP	37	07.00	1.6		
		e	34	45.00			Z	22s	3.00um	5.5Msz					2.0s	300.00nm			6.1mb			
NDI	57.91	312	iP	34	23.00	-4.6X		E	22s	4.00um				Z	20s	4.00um			5.8Msz			
DRV	58.34	172	eP	34	30.10	0.0			eS	44	26.00			N	20s	4.00um						
		S	42	34.00			UKR	68.50	335	iPc	35	36.00	-1.2		E	20s	4.50um					
		SS	46	25.00				1.7s	800.00nm	6.5mb					iS	47	26.00					
		SSS	48	56.00			PET	69.43	22	eP	35	45.00	2.2	TAB	85.13	310	eP	37	09.00	-1.6		
HIA	58.53	358	eP	34	29.47	-2.2		1.5s	560.00nm	6.4mb					i	37	11.20					
PAF	58.82	217	iP	34	43.00	9.3X		Z	20s	10.00um	6.1Msz			KKH	85.18	69	(P)	37	10.22	-0.7		
		ePP	37	00.00					iS	44	46.00			PPN	85.32	107	eP	37	18.00	6.3X		
		ePPP	38	12.00					eSS	49	16.00				1.2s	105.00nm			5.9mb			
		eS	42	51.00			ELT	69.68	338	iPc	35	43.20	-1.2	MHA	85.39	69	P	37	17.00	5.0X		
		eSS	46	36.00				2.2s	920.00nm	6.5mb			AAE	85.42	280	eP	37	15.00	2.3			
KUR	59.03	21	eP	34	35.00	-0.1		Z	17s	1.90um	5.4MszX				S	47	44.00					
	1.0s	410.00nm			6.5mb			N	16s	2.00um				TVO	85.45	107	eP	37	23.00	10.5X		
Z	20s	3.20um			5.4Msz			E	16s	2.00um					1.2s	190.00nm						
		eS	42	36.00					e	36	06.00			GRS	85.51	311	iPd	37	11.60	-0.9		
		eSSS	48	58.00					iS	44	44.00				1.7s	420.00nm			6.4mb			
YSS	59.04	16	iPc	34	33.00	-2.2			e	45	16.00			Z	18s	0.92um			5.2Msz			
	1.0s	20.00nm			5.2mb		CRZF	69.90	224	eP	35	56.00	10.0X		N	20s	0.88um					
Z	21s	3.00um			5.4Msz				ePP	38	56.00			E	20s	1.47um						
N	21s	2.70um							eS	45	05.00					eS	47	32.00				
		e	34	44.00					eSP	45	50.00			NAI	85.61	269	PDIF	37	20.00	6.4X		
		e	36	53.00					eSPP	46	25.00				PP	40	36.00					
		iS	42	34.00					eSS	48	51.00				SKKS	47	44.00					
		eSSS	49	01.00					eSSS	52	03.00				SS	54	04.00					
CIT	61.70	354	eP	34	52.00	-1.4			iPd	35	46.00	-0.3	MAW	70.02	201	iPd	35	46.00	-0.3			
	Z	18s	2.52um		5.4Msz				0.9s	115.00nm	5.9mb				0.9s	115.00nm			5.9mb			
		eS	43	10.00					8.00um		6.0Msz			Z	19s	8.00um			6.0Msz			
		eSS	47	12.00			MGD	72.90	14	ePd	36	03.00	-0.7		Z	20s	2.70um			5.5Msz		
WMO	61.76	332	eP	34	52.64	-1.3			2.60um					N	20s	2.60um						
	1.0s	200.00nm			6.2mb				e	36	15.00					e	36	15.00				
Z	30s	6.91um			5.6MszX				e	36	25.00					e	36	25.00				
N	16s	3.23um							e	38	52.00					e	38	52.00				
		ed	34	56.86					ePPP	40	36.00					ePPP	40	36.00				
		S	43	12.00										GRO	87.04	315	iPc	37	20.00	0.3		
		ScS	44	38.0																		

BMW	113.44	43	ePKP	43	15.71	3.0X
GMW	113.52	42	ePKP	43	15.62	2.9X
ENN	114.02	322	ePKP	43	30.00	16.4X
	0.3s		3.00nm			
WLF	114.16	320	PKP	43	18.00	4.1X
SHW	114.17	44	(PKP)	43	15.53	1.3
BSF	114.19	318	ePKP	43	17.70	3.5X
	0.5s		5.85nm			
LON	114.34	43	ePKP	43	16.64	2.2
HAU	114.44	319	ePKP	43	17.10	2.6X
	0.8s		11.30nm			
Z	23s		1.63um			5.6Msz
LPG	114.73	316	ePKP	43	18.30	2.8X
	0.8s		8.20nm			
LPL	114.73	316	ePKP	43	17.60	2.2
	0.5s		3.85nm			
WDC	114.98	50	PKP	43	30.00	14.2X
Z	20s		2.33um			5.8Msz
DOU	115.02	321	PKP	43	17.20	1.7
			e	43	38.20	
SNF	115.10	322	PKP	43	19.70	4.1X
			e	43	39.70	
NTYM	115.21	52	ePKP	43	19.86	3.6X
VGB	115.31	44	ePKP	43	18.85	2.6X
LBFM	115.34	49	ePKP	43	19.77	3.1X
PCC	115.56	53	ePKPd	43	18.81	1.9
MIN	115.72	50	ePKP	43	20.33	2.9X
GCC	115.93	53	ePKPd	43	19.93	2.3
ORV	115.93	51	ePKP	43	20.91	3.3X
ARN	116.25	53	ePKP	43	19.94	1.6
LBF	116.25	318	ePKP	43	20.90	2.9X
LOR	116.25	318	ePKP	43	20.60	2.6X
	0.7s		5.25nm			
Z	20s		0.85um			5.4Msz
SMF	116.43	318	ePKP	43	21.00	2.7X
DPW	116.44	41	ePKP	43	21.46	3.1X
			ePP	44	19.85	
PRS	116.52	54	iPKPd	43	19.77	0.9
SSF	116.54	318	ePKP	43	20.70	2.2
	0.7s		7.70nm			
AVF	116.71	318	ePKP	43	21.40	2.6X
	1.0s		9.40nm			
LLA	116.82	54	ePKP	43	19.30	-0.1
CMB	117.04	52	ePKP	43	20.32	0.5
Z	19s		1.11um			5.5Msz
BGF	117.11	318	ePKP	43	22.20	2.6X
	0.6s		16.30nm			
PRI	117.11	54	ePKP	43	21.41	1.3
PHAM	117.37	55	ePKP	43	20.75	0.3
TCF	117.61	318	ePKP	43	23.80	3.2X
AKU	117.69	343	iPKP	43	27.30	7.2X
	0.9s		23.53nm			
BCH	117.72	55	ePKP	43	25.00	3.7X
FRI	117.74	53	ePKPd	43	21.90	0.8
ETER	118.18	313	ePKP	43	33.59	11.8X
LDF	118.42	321	ePKP	43	23.80	1.8
	1.1s		33.70nm			
ABL	118.47	56	ePKP	43	24.20	1.3
FLN	118.59	321	ePKP	43	25.00	2.7X
	1.1s		32.50nm			
Z	22s		2.05um			5.7Msz
KVN	118.62	51	ePKP	43	26.64	3.6X
BONR	118.67	52	ePKP	43	26.42	3.1X
ESEL	118.72	310	ePKP	43	25.72	2.9X
LPO	118.75	316	ePKP	43	25.20	2.4X
	0.9s		21.15nm			
ISA	118.94	55	ePKP	43	25.75	2.2
GRR	118.95	321	ePKP	43	26.00	3.0X
	0.5s		11.15nm			
LFF	118.98	316	ePKP	43	26.70	3.5X
	0.9s		27.20nm			
MFF	119.07	318	ePKP	43		

ARUT 122.47 51 ePKP 43 31.87 1.6	Z 20s 1.02um 5.6Msz	39.259 N ± 10.1 km 28.121 E ± 20.3 km
EVIA 123.06 310 ePKP 43 31.40 0.1	eSKP 47 44.96	DEPTH = 10.0 km (geophysicist)
MSU 123.24 50 ePKP 43 31.46 -0.4	LMN 143.20 9 ePKP 44 06.50 -2.3	TURKEY (366)
ENIJ 123.26 308 ePKP 43 33.85 2.2	EMM 143.80 12 ePKP 44 07.61 -2.1	KCT 1.01 10 iPg 06 50.10 -0.3
EHUE 123.34 309 ePKP 43 33.16 1.3	MCWV 143.90 30 ePKP 44 06.68 -3.5X	iSg 07 04.60
DAU 123.39 48 ePKP 43 32.56 0.4	GBTN 144.30 39 ePKP 44 07.70 -3.3X	IZM 1.09 218 iPn 06 51.90 0.1
FCC 123.50 22 ePKP 43 36.50 5.1X	HRV 144.84 18 ePKP 44 09.82 -1.8	EDC 1.10 350 ePn 06 52.50 0.5
GUD 123.70 313 ePKP 43 35.66 3.1X	Z 19s 1.26um 5.7Msz	BNT 1.11 352 ePn 06 52.00 -0.1
EMUT 123.89 48 ePKP 43 34.07 0.9	SCX 145.01 74 (PKP) 44 17.00 4.4X	EZN 1.50 293 ePn 06 58.00 -0.2
EBAN 124.16 310 ePKP 43 33.07 -0.3	SLA 145.12 167 ePKPd 44 12.10 -0.8	S.D. = 0.4 on 5 of 5 obs.
PAB 124.18 312 ePKP 43 36.00 2.5X	TXNY 145.12 22 iPKP 44 11.60 -0.5	OCT 23, 1992 22h 36m 25.41 ± 0.33 s
ECOG 124.23 309 ePKP 43 32.83 -0.9	TBR 145.14 22 ePKPc 44 10.81 -1.4	44.016 N ± 4.2 km 11.831 E ± 3.8 km
SRU 124.31 49 ePKP 43 34.20 0.3	e 44 35.26	DEPTH = 29.4 ± 4.4 km
EGUA 124.35 308 ePKP 43 34.37 0.6	NAV 145.16 34 ePKP 44 10.51 -1.9	NORTHERN ITALY (545)
ELUO 124.69 309 ePKP 43 32.85 -1.6	LVNJ 145.21 23 ePKP 44 10.88 -1.4	ML 3.0 (LDG). MD 3.1 (LJU).
MAL 125.03 308 ePKP 43 33.90 -1.1	eSKP 47 48.51	SFI 0.10 171 Pc 36 30.10 -0.5
ERUA 125.21 316 ePKP 43 37.10 1.8	PNJ 145.36 23 ePKP 44 11.80 -0.7	eSg 36 33.80
EPLA 125.28 313 ePKP 43 39.50 4.0X	i 44 12.10	PGD 0.16 209 Pc 36 31.10 -0.3
EHOR 125.36 310 ePKP 43 37.57 1.9	GMTN 145.37 23 ePKP 44 11.80 -0.8	eSg 36 34.90
EPRU 125.60 309 ePKP 43 33.82 -2.4	BLA 145.44 33 ePKP 44 11.48 -1.4	CRE 0.40 167 Pc 36 33.60 -0.7
TUC 125.85 57 ePKP 43 37.22 0.2	ITB7 145.47 185 e(PKP) 44 11.00 -2.3	eSg 36 39.90
Z 21s 2.07um 5.8Msz	BMA 145.49 202 ePKP 44 14.40 1.0	MME 0.83 283 P 36 43.00 1.7X
eSKP 46 51.41	e 44 18.10	BDI 0.89 273 P 36 42.50 0.6
EJIF 125.92 308 ePKP 43 36.24 -0.6	e 44 37.90	eSn 36 56.80
STS 125.99 317 ePKP 43 40.09 3.3X	TPX 145.57 77 (PKP) 44 17.50 3.9X	ARV 0.96 122 P 36 42.80 0.0
EZAM 126.37 316 ePKP 43 53.02 15.4X	ITB 145.80 185 e(PKP) 44 19.00 5.2X	eSg 36 57.50
IFR 126.42 305 iPKP 43 53.00 14.8X	ITB1 145.96 185 e(PKP) 44 16.80 2.8X	PII 0.99 253 P 36 43.70 0.4
EVAL 126.57 310 ePKP 43 42.00 3.9X	VAO 146.14 197 ePKP 44 16.30 1.8	eSn 36 58.50
RSSD 126.99 41 ePKP 43 37.22 -1.7	i 44 40.70	ASS 1.12 147 P 36 46.20 1.0
Z 19s 1.00um 5.5Msz	e 44 51.50	MNS 1.74 159 P 36 53.60 -0.6
eSKP 46 54.37	CBN 146.24 29 iPKPc 44 15.30 1.2	eSn 37 02.40
KIC 127.75 271 PKP 43 37.82 -3.2X	e 44 24.00	eSg 37 09.80
GOL 127.88 47 ePKP 43 41.38 0.5	PRM 146.48 39 ePKP 44 15.58 0.9	CEY 2.52 46 e(Pn) 37 05.20 -0.3
Z 22s 1.17um 5.5Msz	JSC 147.03 38 ePKP 44 16.90 1.4	e 37 11.00
LIC 128.02 271 PKP 43 38.80 -2.7X	CEH 147.14 34 ePKP 44 16.60 1.0	eSn 37 15.50
0.5s 18.50nm	LHS 147.17 37 ePKP 44 16.86 1.1	VVI 2.01 12 P 36 57.50 -0.5
TIC 128.06 271 PKP 43 38.78 -2.8X	PPD 148.12 191 ePKP 44 18.50 0.9	CTI 2.04 356 P 36 58.50 0.1
0.4s 11.00nm	e 44 23.90	TRI 2.18 38 P 37 03.90 3.6X
AVE 128.32 305 iPKP 43 43.50 2.0	SGS 148.23 39 ePKP 44 21.07 3.6X	VOY 2.49 35 e(Pn) 37 05.20 0.3
i 43 55.00	HBf 148.48 39 ePKP 44 22.05 4.2X	iPg 37 09.80
ULM 128.42 31 ePKP 43 47.50 6.3X	ARE 150.72 152 ePKP 44 29.00 6.9X	eSg 37 33.10
ALO 128.66 53 ePKP 43 43.75 1.3	ARE 150.72 152 e(PKP) 44 33.00 10.9X	e(Pn) 37 05.00
Z 22s 0.46um 5.1Msz	NNA 151.26 137 ePKP 44 29.00 6.4X	e 37 11.00
eSKP 47 00.57	1.2s 117.19nm	eSn 37 47.50
TIO 128.79 302 iPKP 43 59.50 16.8X	PDCR 151.56 220 ePKP 44 24.70 1.7	PGF 2.54 236 Pn 37 05.50 -0.1
i 44 07.60	e 44 31.70	FVI 2.66 14 P 37 07.50 0.3
MZX 131.28 67 (PKP) 43 52.00 4.6X	e 44 47.70	RBL 2.72 26 P 37 13.40 5.3X
ANTZ 131.55 300 iPKPc 44 06.50 18.7X	CNCB 151.89 158 PKPc 44 29.20 5.0X	VBY 2.86 57 ePn 37 09.00 -1.0
i 44 11.00	CCH 151.97 162 ePKP 44 28.00 4.0X	e 37 43.00
JAQ 133.41 15 ePKP 43 55.00 4.5X	LPB 152.10 158 PKP 44 30.00 5.7X	i 37 58.10
ACO 133.57 48 iPKPd 43 57.10 5.7X	1.0s 360.00nm	SBF 3.18 269 Pn 37 15.90 1.3
MEQ 134.78 50 iPKPc 43 45.00 -8.8X	LR 37 22.00	Sn 37 49.80
OCO 135.29 48 iPKPd 43 04.20 9.5X	ZOBO 152.31 157 ePKP 44 28.31 3.4X	iPnd 37 15.60 0.0
FNO 135.46 49 e(PKP) 44 01.50 6.4X	eLR 37 40.00	iPg 37 26.90
JFWS 136.06 35 ePKP 43 59.40 3.5X	BDF 153.30 201 (PKP) 44 29.55 3.9X	iSn 37 52.30
Z 21s 1.23um 5.6Msz	e 44 31.90	iSg 38 07.20
iSKP 47 23.55	ed 44 37.50	WITA 3.25 358 iPnc 37 17.10 1.4
TUL 136.34 47 ePKP 44 00.40 3.7X	e 44 49.10	iPg 37 27.40
1.6s 253.30nm	e 44 51.20	iSn 37 56.50
LNO 136.35 47 ePKP 43 59.90 3.3X	e 45 06.00	i 38 07.00
MDZ 136.50 166 e(PKP) 43 50.90 -6.3X	e 45 10.60	FRF 3.78 265 Pn 37 22.70 -0.4
RTCV 137.56 166 ePKPd 44 06.20 7.0X	e 45 15.60	Sn 38 05.80
MRA 137.61 170 e(PKP) 43 56.60 -2.6	e 45 18.00	LPG 3.91 294 Pn 37 24.60 -0.6
UYO 138.12 48 iPKPc 43 50.00 -10.1X	e 45 23.40	LMR 3.92 262 Pn 37 24.20 -0.8
ACX 138.12 75 (PKP) 44 06.00 5.4X	e 45 32.00	Sn 38 07.40
III 138.34 73 (PKP) 43 57.00 -4.2X	e 45 40.50	LPL 3.93 294 Pn 37 26.40 1.0
UNM 138.49 72 (PKP) 44 00.00 -1.5	e 46 12.40	LRG 4.00 264 Pn 37 25.40 -0.9
MIAR 138.59 47 ePKP 43 54.40 -6.5X	e 46 26.10	Sn 38 11.00
Z 20s 1.39um 5.7Msz	e 46 55.10	BSF 5.19 319 Pn 37 42.90 -0.3
eSKP 47 32.47	e 48 24.10	Sn 38 39.80
EEO 138.62 23 ePKP 43 57.00 -3.6X	e 48 26.30	KHC 5.26 13 ePn 37 42.00 -2.0
SLM 138.69 40 PKP 44 10.00 9.0X	SIV 154.45 172 ePKP 44 28.00 0.9	e 38 24.00
Z 20s 1.37um 5.7Msz	BOG 162.82 105 ePKP 44 42.00 4.8X	Sg 38 41.00
TCA 138.85 171 e(PKP) 43 57.50 -4.1X	BMG 164.35 98 ePKP 44 40.00 1.6	CDF 5.41 326 Pn 37 45.60 -0.7
FVM 138.94 41 PKP 44 10.00 8.5X	PORP 167.65 45 e(PKP) 44 43.00 2.3	Sn 38 44.50
Z 18s 1.89um 5.9Msz	CLLP 167.68 45 PKP 44 44.00 3.3X	HAU 5.52 318 Pn 37 47.00 -0.8
PPM 139.05 72 (PKP) 44 05.00 2.2	CPD 168.16 43 e(PKP) 44 43.50 2.4X	Sn 38 47.40
ELC 140.12 41 ePKP 43 57.17 -6.4X	CAR 170.60 83 iPKPc 44 46.00 3.2X	SMF 6.22 298 Pn 37 57.10 -0.5
IISM 140.23 72 (PKP) 44 08.50 4.2X	CPB 170.83 27 ePKP 44 41.21 -1.4	LBF 6.27 301 Pn 37 57.80 -0.5
ELF 140.47 28 PKP 43 58.70 -5.3X	NEV 170.89 33 ePKP 44 39.01 -3.6X	Sn 39 06.80
GRT 140.58 42 (PKP) 44 00.87 -3.6X	BPA 171.33 29 ePKP 44 41.00 -1.9	LOR 6.47 303 Pn 38 00.10 -1.0
DLA 140.61 28 PKP 43 59.00 -5.3X	MGH 171.42 32 ePKP 44 38.05 -4.9X	Sn 39 12.00
LDN 140.65 28 PKP 43 58.90 -5.5X	PAG 172.28 32 ePKP 44 40.00 -3.3X	AVF 6.58 298 Pn 38 01.40 -1.3
ACTO 140.70 26 PKP 43 56.01 -8.4X	TRN 175.93 73 ePKP 44 40.63 -3.8X	S.D. = 0.8 on 31 of 34 obs.
WLVO 141.14 24 PKP 43 59.92 -5.3X	S.D. = 1.3 on 289 of 452 obs.	OCT 23, 1992 23h 19m 45.20 ± 0.10 s
TYNO 141.19 26 PKP 43 57.28 -8.0X	% OCT 23, 1992 22h 06m 31.30 ± 1.76 s	42.589 N ± 1.8 km 45.104 E ± 1.3 km
RSNY 142.05 20 ePKP 44 02.13 -4.7X		

23d 23h

DEPTH = 16.4km (geophysicist)
6.1mb (143 obs.) 6.5MsZ (42 obs.)
EASTERN CAUCASUS (337)

Ms 6.8 (BRK). Mo=7.3+10+18 Nm
(OBN). At least one person
killed, 10 injured and several
houses damaged (VIII) in the
Barisakho-Kazbegi area, Georgia.
Landslides reported in the
epicentral area. Felt (VI) at
Tskhinvali and Bakuriani; (V)
at Tbilisi and Kutaisi, Georgia.
Felt (V) at Grozny and
Vladikavkaz; (IV) at Sochi and
Pyatigorsk, Russia. Also felt
(IV) at Akstafa and Kazakh;
(III) at Taz and Tsey,
Azerbaijan. Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=74 Slip= 90
NP2: 245 16 90
Principal Axes:
T P1g=61 Azm=335
P 29 155
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting. The preferred fault
plane is NP2.

RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 3.5±0.8+10+13 Nm

MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 19
Moment Tensor; Scale 10+18 Nm
Mrr= 2.24 Mtt=-1.72
Mff=-0.52 Mrt= 3.05
Mrf= 1.53 Mtf=-0.99
Principal axes:
T Val= 4.07 P1g=62 Azm=335
N 0.03 1 243
P -4.11 28 152

Best Double Couple: Mo=4.1+10+18
NP1:Strike=238 Dip=17 Slip= 86
NP2: 63 73 91
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, +C M.W.: 22S, 35C
Centroid Location:
Origin Time 23:19:49.9 0.2
Lat 42.67N 0.01 Lon 45.01E 0.02
Dep 15.0 BDY Half-duration 3.4
Moment Tensor; Scale 10+18 Nm
Mrr= 1.33 0.02 Mtt=-1.63 0.02
Mff= 0.30 0.02 Mrt= 4.24 0.09
Mrf= 2.01 0.08 Mtf= 0.27 0.02

Principal Axes:
T Val= 5.03 P1g=51 Azm=325
N -0.21 10 68
P -4.83 37 166
Best Double Couple: Mo=4.9+10+18
NP1:Strike=302 Dip=13 Slip= 144
NP2: 67 83 80

DUS 0.59 211 ePg 19 51.00 -5.7X
GRO 0.87 29 iPg- 20 06.00 4.5X
MTA 0.92 194 iPg- 20 00.20 -2.0
BKR 1.46 235 ePg 20 13.00 2.1
AKH 1.69 226 iPnc 20 14.00 -0.4
MAK 1.77 75 iPn- 20 20.00 4.7X
(S) 20 47.00
PYA 2.08 315 iPn 20 20.50 0.7
i 20 28.00
KIV 2.23 309 iPnc 20 22.64 0.5
ERE 2.45 191 iPn- 20 25.80 0.7
eS 21 00.00
GRS 3.22 163 iPnd- 20 36.20 -0.1
e 21 18.00
SHE 3.29 125 iPnd 20 39.00 2.0
i 20 46.50
i 20 52.00
i 21 23.00
i 21 34.00

SOC 4.07 286 iPnc+ 20 48.40 0.3
iS 21 36.40
BAK 4.22 120 iPnd 20 52.00 1.7

TAB 4.61 168 iPd- 21 38.00
ANN 6.10 295 iPc+ 21 16.50 -0.3
1.4s 1800.00nm 6.6mb
AKKT 6.32 256 eP 21 18.20 -1.9
SVST 6.77 248 iP 21 28.20 1.8
KVT 6.93 260 iP 21 28.00 -0.6
TRHT 7.07 255 eP 21 31.70 1.2
CTK 7.93 260 eP 21 43.70 1.1
KART 8.18 264 eP 21 45.60 -0.6
BZK 8.25 269 iP 21 42.50 -4.5X
SIM 8.29 290 iP+ 21 45.00 -2.6X
Z 20s 180.00um
N 20s 156.00um
E 20s 204.00um

iS 23 24.00
KER 8.37 169 iPd 21 49.70 0.9
TEH 8.40 142 eP 21 51.00 1.8
KAS 8.53 266 iPc 21 49.80 -1.2
KAT 9.11 108 iP- 21 58.00 -0.8
eS 23 36.00
ADAT 9.31 237 iPd 22 04.70 3.1X
BBTK 9.70 258 eP 22 08.00 0.9
DVR 9.87 266 iP 22 08.40 -1.1
SGKT 9.98 263 eP 22 12.80 1.7
NAL 10.64 262 eP 22 22.50 2.5
GYN 11.02 263 eP 22 29.00 3.8X
ASH 11.13 110 P 22 24.00 -2.6X
1.0s 2850.00nm 7.5mb X

iS 24 26.00
GPA 11.34 263 eP 22 30.40 0.9
EYL 11.38 265 eP 22 31.00 0.9
BHL 11.41 224 P 22 30.00 -0.5
S 24 52.00
FAM 11.50 232 eP 22 33.70 2.0
GBZT 11.85 267 eP 22 34.90 -1.4
HRI 11.87 221 iPd 22 38.50 1.7
ALT 11.90 258 iP 22 38.10 1.0
CSS 11.92 234 eP 22 38.50 1.1
YLV 11.96 266 iP 22 37.10 -0.8
ISK 12.07 268 iP 22 37.00 -2.3
ITU 12.09 268 iPc 22 55.00 15.4X
ARTJ 12.23 215 Pc 22 40.96 -0.7
BCK 12.24 250 eP 22 41.90 0.1
QTFJ 12.34 212 Pc 22 42.31 -0.7
KIS 12.35 297 iPc+ 22 41.00 -2.0
2.5s 4800.00nm 7.3mb X
Z 19s 188.60um 5.5MsZ
E 19s 164.20um

iS 24 55.50
ATZ 12.47 222 iPd 22 45.80 1.1
eS 26 32.40
CFR 12.50 288 ePd 22 45.50 0.4
PPCY 12.58 237 eP 22 47.00 0.9
KHL 12.61 255 iP 22 45.40 -1.2
JARJ 12.63 218 Pd 22 47.05 0.1
BURJ 12.69 219 Pc 22 47.78 0.0
MAIO 12.77 115 iPd 22 45.60 -3.2X
0.8s 109.81nm 6.1mb
eS 25 32.00
KCT 12.79 265 iP 22 48.10 -0.9
DMK 12.89 272 eP 22 48.00 -2.3
SALJ 12.94 218 Pc 22 51.05 0.0
MDSJ 13.01 216 Pc 22 51.36 -0.6
BIR 13.02 292 eP 23 00.00 8.0X
ZNT 13.06 221 iPd 22 53.60 1.0
eS 26 49.30

KFNJ 13.07 218 Pc 22 52.50 -0.1
ELL 13.07 249 eP 22 53.90 1.0
BNT 13.08 266 iP 22 53.00 0.2
EDC 13.13 266 iP 22 54.00 0.6
MASJ 13.16 218 Pc 22 53.65 -0.3
IAS 13.26 296 eP 22 55.00 -0.1
CLI 13.31 293 ePd 22 56.50 0.7
BRD 13.31 289 ePd 22 58.00 2.1
MKRJ 13.35 217 Pc 22 55.80 -0.6
QTRJ 13.40 216 Pd 22 56.47 -0.7
VRI 13.58 290 ePc 22 59.50 0.1
ISR 13.63 287 ePc 23 01.00 0.8
JMB 13.66 276 iPc 22 59.00 -1.5
LISJ 13.68 217 Pc 23 00.17 -0.5
BUC 13.92 284 iPc 23 03.00 -0.8
GHZJ 13.94 213 Pc 23 02.79 -1.5
BUC1 13.97 284 iPc 23 06.00 1.6
PTT 13.99 294 eP 23 01.00 -3.7X
MOS 14.03 342 iPc 23 01.00 -4.2X
2.0s 660.00nm 6.0mb

iS 24 09.80
iPP 24 18.80
iPPP 24 24.00
i 24 41.00
i 25 09.00
iS 27 20.00
iSS 27 55.00
i(SSS) 28 23.00
LR 33 38.00
AGG 17.59 266 eP 23 50.62 -0.5
KZN 17.63 270 eP 23 52.10 0.4
FNA 17.81 272 eP 23 54.78 1.0
RYD 17.87 176 iPd 23 51.00 -3.6X
iS 27 09.00
VLI 18.03 258 eP 23 56.00 -0.5
KKS 18.25 277 eP 24 01.50 2.3
PHP 18.30 276 iPc 24 01.40 1.5

Z 12s 297.00um 5.7MsZ
N 16s 448.00um
E 16s 257.00um
eS 25 33.00
iPd 23 05.80 -0.2
eS 27 12.50
iPd 23 05.00 -1.2
eP 23 11.30 2.0
i 26 11.40
iP 23 11.90 1.7
eP 23 11.00 -0.4
iP 23 10.00 -1.6
eP 23 13.50 0.4
eP 23 14.00 0.6
ePc 23 15.00 1.0
iPc 23 13.00 -1.2
iPc 23 20.00 -0.2
ePd 23 22.50 1.8
iPd 23 19.50 -1.4
ePd 23 21.00 -0.1
iPc 23 23.00 -0.7
ePd 23 23.80 -1.3
ePd 23 24.60 -0.9
iPc 23 30.00 0.2
ePd 23 38.00 6.4X
eP 23 32.74 0.5
eP 23 30.00 -2.7X
eP 23 30.00 -3.5X
1.0s 1.00nm 2.9mb X
eS 26 28.00
iP 23 31.00 -3.1X

Z 18s 172.00um
N 14s 91.50um
E 12s 116.80um
iPd 23 36.00 1.1
ePc 23 30.66 -4.3X
Z 15s 170.00um
N 16s 130.00um
E 15s 170.00um

KKB 16.33 275 iPc 23 36.00 0.8
PAIG 16.32 268 eP 23 35.34 0.2
SOH 16.34 271 iP 23 36.90 1.6
QASM 16.51 185 ePd 23 32.60 -5.0X
KNT 16.60 273 iP 23 39.38 0.8
THE 16.67 271 eP 23 40.82 1.4
THE 16.67 271 iPd 23 41.20 1.7
e 26 47.60
MJMA 16.69 179 ePd 23 34.60 -5.3X
CEI 16.75 295 eP 23 37.00 -3.4X
DHR 16.76 164 iPd 23 37.00 -3.7X
iS 25 52.00
iPc 23 42.40 1.2

16.81 273 iPc 23 42.40 1.2
2.0s 4080.00nm 6.2mb
iS 27 00.50
eP 23 42.00 0.6
iPc 23 44.00 1.0
eS 27 00.00
eP 23 44.42 0.6
iPc+ 23 41.00 -3.0
1.5s 1400.00nm 5.9mb
Z 16s 150.00um 5.8MsZ
17.16 269 eP 23 46.86 1.2
SVE 17.36 30 iP 23 45.00 -3.0X
2.4s 2800.00nm 6.0mb
Z 11s 75.00um 5.0MsZ
N 11s 35.00um
E 11s 45.00um

SKO 17.52 276 iPc 23 51.00 0.9
2.0s 4786.00nm 6.3mb
Z 15s 40.31um 5.6MsZ
i 24 09.80
iPP 24 18.80
iPPP 24 24.00
i 24 41.00
i 25 09.00
iS 27 20.00
iSS 27 55.00
i(SSS) 28 23.00
LR 33 38.00

AGG 17.59 266 eP 23 50.62 -0.5
KZN 17.63 270 eP 23 52.10 0.4
FNA 17.81 272 eP 23 54.78 1.0
RYD 17.87 176 iPd 23 51.00 -3.6X
iS 27 09.00
VLI 18.03 258 eP 23 56.00 -0.5
KKS 18.25 277 eP 24 01.50 2.3
PHP 18.30 276 iPc 24 01.40 1.5

SPC	18.47	299	eP	24	01.40	-0.7		Z	16s	106.00um		6.4MsZ	SQTA	24.33	293	iPc	25	03.30	0.3		
	1.7s	2251.50nm			6.1mb			N	13s	40.30um				1.8s	6586.00nm			6.9mb			
		i		27	09.00			E	16s	80.50um			GRF	24.37	299	iPc	25	04.70	1.4		
		i		27	30.20					e	26	45.00			2.5s	5403.00nm			6.7mb		
PVY	18.49	279	iPc	24	04.13	1.8				eS	28	52.00		Z	19s	78.00um			6.2MsZ		
PSZ	18.49	295	eP	23	50.60	-11.6X									e		25	12.80			
IVA	18.51	279	iPc	24	04.15	1.7		KMR	22.36	295	iP+	24	44.40	0.7		eS		29	41.00		
LSK	18.54	271	iPc	24	04.00	1.1		KAF	22.51	337	iP	24	45.00	0.0	MOTA	24.40	293	iPc	25	03.80	0.0
TIR	18.79	275	iPd	24	06.00	0.1		VOY	22.52	290	iPc	24	46.00	0.6	KMTA	24.42	185	ePd	25	05.30	1.1
		iS		27	42.00			SOI	22.54	268	Pc	24	44.60	-1.0	PRZ	24.45	79	iPd-	25	06.00	1.7
PLE	18.81	281	iPc	24	07.52	1.3		TRI	22.63	289	e(P)c	24	46.70	0.4		1.4s	1300.00nm			6.3mb	
LACI	18.85	276	iPc	24	07.50	1.0				i	25	14.70		Z	12s	152.90um			6.7MsZ		
WAR	18.86	309	P-	24	02.00	-4.6X				e(S)	28	58.40		N	12s	132.50um					
		e		27	32.00			DUI	22.69	278	Pc	24	48.10	1.0	E	12s	112.10um				
BERA	18.88	273	iPd	24	06.60	-0.3		GEC2	22.69	297	Pc	24	48.40	1.3		e		25	57.00		
SDA	18.93	277	iPc	24	09.10	1.6			1.5s	800.90nm		6.0mb	USI	24.45	272	P	24	59.20	-4.9X		
TPE	18.93	272	iPc	24	06.00	-1.6		RBL	22.73	291	Pc	24	48.60	1.1	OGA	24.47	292	iPc	25	05.10	0.6
OJC	18.98	302	ePd	24	06.70	-1.4		BRG	22.77	302	iPc	24	48.80	1.1	MCT	24.49	269	P	25	05.00	0.3
	N	14s	174.60um						2.5s	8000.00nm		6.8mb	FIR	24.62	284	ePc	25	07.50	1.9		
		i		24	14.70					iS	29	12.00		DHJN	24.89	184	ePd	25	08.90	0.1	
		iS		27	43.00					iScP	32	02.60		SAL	24.90	289	P	25	09.68	1.3	
BUD	19.03	294	iPd	24	09.10	0.4		KHC	22.80	298	iPc	24	49.60	1.6	MME	24.95	286	P	25	11.22	2.0
TTG	19.04	278	iPc	24	09.63	0.8			1.5s	1445.00nm		6.3mb	BDI	25.04	285	Pc	25	10.60	0.7		
SRN	19.05	270	iPc	24	09.00	0.0		Z	24s	71.20um		6.0MsZ	OSS	25.08	291	iPc	25	10.90	0.5		
ULC	19.12	277	iPc	24	09.96	0.0		N	20s	44.10um			CVT	25.10	270	P	25	10.27	0.0		
NKY	19.17	280	iPc	24	11.07	0.5		E	22s	51.70um			ERC	25.12	271	P	25	10.80	0.2		
KEK	19.25	270	eP	24	10.00	-1.5				e	25	08.80			1.7s	440.50nm			5.8mb		
VLO	19.27	272	iPc	24	10.70	-1.0		MSI	22.87	269	P	24	48.40	-0.3	PII	25.15	284	P	25	11.10	0.3
BDV	19.38	278	iPc	24	12.50	-0.5		KBA	22.87	292	iPc	24	50.30	1.3	LVI	25.32	271	P	25	12.96	0.5
PUL	19.46	337	ePc+	24	11.00	-2.7			2.4s	7134.00nm		6.8mb		0.2s	1466.60nm			7.3mb	X		
	Z	16s	480.00um					NRN	22.93	82	eP	24	51.00	1.3	MDI	25.45	289	Pc	25	13.80	0.2
	N	16s	320.00um					ATN	22.95	269	P	24	49.81	0.2	VDL	25.56	291	iPc	25	15.20	0.3
	E	16s	360.00um						1.7s	1808.40nm		6.3mb	BOB	25.76	287	P	25	17.70	1.1		
BRY	19.49	280	iPc	24	14.41	0.0		RFI	23.12	277	P	24	53.68	2.5X	APA	25.81	350	iPc+	25	16.30	-0.5
SRO	19.54	295	iPc	24	16.10	1.3		SDI	23.15	278	Pc	24	52.30	0.7	LLS	25.86	292	iPc	25	17.10	-0.6
HCY	19.59	279	iPc	24	14.80	-0.6		BHG	23.19	294	iPc	24	53.10	1.2	HFS	25.95	323	eP	25	18.50	0.4
BRVK	19.78	49	iPc	24	15.00	-2.3		WET	23.25	298	iPc	24	53.40	0.9		0.6s	159.80nm			5.9mb	
	Z	20s	82.25um					FVI	23.27	291	Pc	24	54.00	1.4	Z	15s	*****um			9.1MsZ	
	N	19s	78.72um					AQU	23.32	280	Pc	24	54.70	1.5		LR		34	42.00		
	E	19s	53.55um					BRNL	23.42	306	iPc	24	55.30	1.3	TMA	26.00	290	iPc	25	18.70	-0.3
RAC	19.96	301	iPc	24	19.50	0.3		CLL	23.43	303	iPc	24	55.30	1.2	VAI	26.10	290	Pc	25	19.30	-0.3
		iS		28	09.00				2.3s	6100.00nm		6.7mb	SLE	26.15	294	iPc	25	19.50	-0.7		
VRAC	20.85	299	iPc	24	29.10	0.7		KSH	23.44	87	Pc	24	56.00	1.5	TNS	26.19	300	iPc	25	21.00	0.5
	2.4s	*****nm			7.0mb				1.0s	830.00nm		6.2mb	ZLA	26.24	293	iPc	25	20.60	-0.4		
		S		28	37.50			Z	20s	102.00um		6.3MsZ	PCP	26.43	287	P	25	22.17	-0.6		
		e		30	45.60			N	14s	73.00um			PGF	26.47	282	P	25	23.20	0.0		
BRT	20.86	275	P	24	27.70	-1.0			E	14s	59.50um			FEL	26.47	294	P	25	22.40	-0.8	
VKA	20.91	296	iPc	24	30.00	0.8		ARV	23.45	283	Pc	24	55.60	1.2	HOFF	26.48	297	P	25	23.51	0.4
	4.5s	*****nm			6.9mb	X		BRN	23.51	306	iPc	24	57.00	2.2	SRBF	26.55	297	P	25	25.12	1.3
	Z	12s	47.00um			6.1MsZ		VVI	23.55	290	P	24	56.58	1.2	LANF	26.58	297	P	25	24.45	0.3
		i		28	32.00				2.9s	*****nm		7.0mb	STR	26.62	296	P	25	24.45	0.1		
HVAR	20.97	281	iPc	24	28.50	-1.2		MNO	23.60	269	P	24	56.81	0.7	CKI	26.63	287	P	25	24.00	-0.6
ASW	21.05	213	iP-	24	29.00	-1.7		ASS	23.72	282	Pc	24	59.20	2.1	MMK	26.64	290	iPc	25	24.10	-0.8
		eS		28	25.00			MEU	23.73	267	P	24	56.80	-0.5	ORX	26.67	289	P	25	23.40	-1.7
ZAG	21.07	289	iPc	24	31.50	0.7		RSM	23.74	284	P	25	00.65	3.5X	ORO	26.68	289	P	25	23.20	-1.9
PTJ	21.09	289	iPc	24	31.10	0.1			0.9s	2054.50nm		6.7mb	FIN	26.72	286	P	25	24.53	-0.9		
AKUR	21.26	213	iPc	24	31.60	-1.2		PZI	23.77	267	P	24	56.63	-1.0	LIBD	26.74	295	P	25	24.87	-0.6
KSP	21.30	303	iPc	24	33.50	0.4			1.3s	1331.30nm		6.3mb	BBS	26.83	294	P	25	25.29	-1.1		
	1.6s	3103.00nm			6.5mb			MNS	23.84	281	Pc	24	59.30	1.1	SDF	26.87	344	iP	25	27.00	0.5
AKSR	21.40	212	eP	24	33.10	-1.1		RMP	23.94	279	Pc	25	00.40	1.2		iS		30	26.00		
QUE	21.43	118	iPd	24	37.00	2.2		HOF	24.00	300	iPc	25	01.20	1.5	WLS	26.89	296	P	25	26.24	-0.8
		eS		28	38.20			WTTA	24.04	293	iPc	25	01.20	0.9	ROB	26.94	286	P	25	26.58	-0.9
AGRW	21.47	212	iPd	24	33.50	-1.5			1.8s	7145.00nm		6.9mb	CDF	26.95	296	P	25	26.66	-0.9		
ANMR	21.55	213	iPc	24	34.60	-1.1		GIB	24.07	269	P	24	59.60	-1.0	IMI	26.99	286	P	25	28.11	0.1
AAK	21.59	80	ePc	24	36.28	0.1		WATA	24.08	293	iPc	25	01.20	0.6	DIX	27.02	290	iPc	25	28.10	-0.3
VBV	21.59	288	eP	24	36.50	0.4		CTI	24.08	290	Pc	25	01.80	1.2	ECH	27.03	295	P	25	27.59	-0.6
ASKD	21.63	213	iPd	24	35.80	-0.7		UPP	24.11	325	iPc	25	00.90	0.3	BNS	27.04	301	iPc	25	29.50	1.3
FRU	21.64	79	iPc+	24	36.20	-0.4				iS	29	18.00			Z	22s	79.70um			6.2MsZ	
	2.6s	4050.00nm			6.4mb										iPcP		28	33.00			
	Z	14s	160.00um			6.6MsZ									iS		30	19.60			
	E	14s	210.00um					CRE	24.14	284	Pc	25	03.30	2.1	MOF	27.06	294	P	25	27.76	-0.9
		i		25	00.00			SFI	24.17	285	Pc	25	04.00	2.7X	CGL	27.10	275	P	25	28.87	-0.2
		i		25	12.00			MOX	24.21	301	iPc+	25	03.30	1.6		1.8s	411.20nm			5.8mb	
		iS		28	34.00				2.3s	3583.00nm		6.5mb	SAOF	27.22	286	P	25	30.26	0.3		
TDS	21.82	272	Pc	24	38.00	-0.4			Z	15s	39.00um		6.0MsZ	STB	27.24	300	iPc	25	31.53	1.5	
NUR	21.83	332	iP	24	37.80	-0.4			N	18s	58.00um				2.6s	439.00nm			5.7mb		
		eS		28	36.00																
LJU	22.08	290	iP	24	42.00	1.1		PGD	24.27	284	P	25	05.07	2.5X	RSP	27.24	288	P	25	27.29	-3.0X
		e		27	52.00																

			e	34	20.00	
			e	36	48.00	
EAB	34.16	311	iPc	26	30.70	-0.5
POO	34.17	126	iPd	26	34.90	3.1X
BST	34.48	297	P	26	34.43	0.4
ACU	34.50	279	eP	26	32.02	-2.4
ECRI	34.68	287	iPd	26	32.88	-3.1X
NRI	34.74	25	iPc+	26	36.20	0.2
	1.4s	372.00nm				6.1mb
			e	28	00.00	
			e	29	07.00	
			eS	32	03.00	
			eSS	34	46.00	
ETOR	34.90	283	iPc	26	35.55	-2.3
GKN	35.06	102	P	26	39.94	0.5
	1.3s	2190.00nm				6.9mb
ETA	35.32	305	eP	26	41.40	0.2
ECP	35.46	304	eP	26	42.50	0.2
DLF	35.47	306	iPc	26	42.40	0.0
	1.6s	1240.00nm				6.6mb
EALH	35.49	278	eP	26	41.04	-1.7
DMN	35.63	102	P	26	45.04	0.6
KKN	35.65	101	P	26	44.56	0.0
	0.9s	652.00nm				6.5mb
DMU	35.66	307	iPc	26	43.90	-0.2
	1.4s	713.00nm				6.4mb
ECB	35.70	304	eP	26	44.90	0.5
PKI	35.87	101	P	26	46.56	0.0
	1.0s	870.00nm				6.6mb
DCN	35.91	306	iPc	26	46.40	0.2
	1.4s	760.00nm				6.4mb
EVIA	35.98	280	iPc	26	45.85	-1.2
GUN	36.01	101	P	26	48.32	0.5
EHUE	36.36	279	iPc	26	48.81	-1.5
ENIJ	36.41	277	iPd	26	48.81	-1.8
GUD	36.46	284	iPc	26	48.99	-2.2
PAB	36.99	282	iPc	26	54.50	-1.0
			iS	32	42.00	
EBAN	37.09	280	iPc	26	54.85	-1.5
ECOG	37.28	279	iPd	26	55.78	-2.3
EGUA	37.46	278	iPc	26	56.96	-2.5
EMEL	37.66	275	eP	26	58.43	-2.7
ELUO	37.68	279	iPc	26	59.24	-2.1
EMON	37.82	290	iPc	27	00.23	-2.2
VAL	37.86	304	iP	27	03.20	0.6
	1.1s	4.30nm				4.2mb X
			S	34	05.00	
HYB	37.92	121	ePd	27	03.10	-0.4
	1.1s	337.50nm				6.1mb
			e	27	10.50	
			eS	32	52.00	
ERUA	38.01	288	iPc	27	02.80	-1.2
EPLA	38.05	284	iPc	27	02.68	-1.7
MAL	38.12	278	iPc	27	03.00	-2.0
			iS	33	06.00	
MOY	38.23	56	ePc	27	06.80	1.2
	2.0s	315.00nm				5.7mb
EHOR	38.29	280	iPc	27	04.58	-1.8
EPRU	38.62	279	iPd	27	07.01	-2.2
KBS	38.64	350	eP	27	08.50	-0.3
JNW	38.67	335	iPc	27	12.80	3.6X
STS	38.84	289	iPc	27	09.79	-1.1
LSA	38.89	94	iPc	27	12.93	0.9
	Z	22s	56.20um			6.3MsZ
	N	16s	49.00um			
			ed	27	16.91	
			ePd	27	17.82	17kmX
			PP	28	49.00	
EJIF	39.01	278	iPd	27	10.17	-2.3
EZAM	39.18	288	eP	27	12.05	-1.8
EVAL	39.47	281	eP	27	14.67	-1.6
ZAK	39.89	58	iPc+	27	19.80	0.3
	3.0s	1255.00nm				6.1mb
	Z	17s	46.46um			6.4MsZ
	N	14s	31.81um			

			e	28	10.00			S	35	32.00			PcP	30	17.00			
			e	28	25.00			ScS	38	16.00			S	37	11.00			
			e	28	34.20			SS	38	54.00			ScS	39	12.00			
			ePP	28	53.00	XAN	49.74	78 Pc	28	38.10	-0.5	DL2	56.22	66 iPc	29	28.00	1.4	
			ePPP	29	08.20								1.0s	210.00nm			6.1mb	
			ePcP	29	41.20	Z	17s	49.40um			5.3mb		Z	24s	10.20um			5.8MszX
			e	30	00.00	N	14s	34.70um			6.6MszX		N	12s	16.60um			
			e	32	56.00	E	14s	22.80um					E	12s	16.10um			
			eS	33	20.00			PcP	29	56.00				S	37	15.00		
			e	34	32.00	KMI	49.98	91 Pc	28	40.00	-0.8	CN2	56.31	59 Pc	29	26.00	-1.2	
			eSS	35	54.00								1.2s	95.00nm			5.7mb	
			eSSS	36	26.00	Z	20s	68.20um			6.7Msz		Z	20s	68.20um			
			e	36	50.00	N	14s	35.10um					E	14s	28.50um			
LIS	40.76	283	iPc	27	27.40			280.00nm			5.9mb			pP	29			23kmX
			iS	33	39.50	Z	22s	36.50um			6.3Msz			eS	37	15.00		
GTA	40.81	75	Pc	27	27.60	N	15s	4.20um						eSS	41	04.00		
	1.5s					E	15s	2.60um						P	29	28.74	-2.2	
	Z	16s	210.00nm		5.6mb							TIC	56.78	246 P	29	28.74	-2.2	
	E	13s	46.90um		6.4MszX	HIA	50.39	55 iPc	28	43.17	-0.1		1.3s	999.50nm			6.7mb	
			47.30um					ec	28	45.91		KIC	56.80	245 Pc	29	28.92	-2.1	
			sP	27	42.50			epPd	28	48.80	19kmX		1.4s	1056.00nm			6.7mb	
			PP	29	09.00			esPd	28	51.04				S	37	17.00		
			S	33	40.00	TIY	50.47	eP	28	43.60	-0.6	LIC	57.09	245 P	29	30.60	-2.5	
AKU	41.27	326	iP	27	32.90							NJ2	57.89	74 Pd	29	39.50	1.0	
	1.7s		1600.00nm		6.5mb								1.0s	68.00nm			5.6mb	
AVE	41.86	275	iP	27	34.00	Z	16s	110.00nm			5.7mb		N	14s	12.50um			
			i	27	52.50	E	14s	41.90um			6.5MszX		E	15s	27.50um			
REY	42.91	324	iP	27	46.00			22.40um						S	37	17.00		
TIO	42.92	272	iPc	27	43.50	CHG	51.03	100 ePc	28	48.00	-0.5	MDJ	58.49	56 ePc	29	40.45	-2.2	
			i	28	18.00			eS	36	02.00	6.0mb		Z	14s	28.90um			6.5MszX
NAI	44.30	192	iPd	27	52.00								E	13s	34.80um			
	Z	16s			6.0MszX	YAK	51.15	37 iPc+	28	46.70	-2.2			ed	29	46.99		
			PcP	28	32.00			472.00nm			6.3mb			S	37	40.00		
			PcS	32	20.00	Z	12s	12.80um			6.2MszX	QIZ	58.89	92 Pc	29	45.00	-0.7	
			S	33	24.00	N	17s	59.70um					E	16s	18.10um			
			SS	37	08.00	E	18s	22.70um						S	37	52.00		
BOD	44.70	45	iPc	27	56.80			i	30	52.00		GZH	59.00	86 P	29	45.00	-1.4	
BCAO	44.74	219	iPd	27	57.00			iS	36	00.00			1.0s	90.00nm			5.9mb	
	0.9s				5.9mb			ePS	36	12.00		N	14s	10.60um				
			i	29	56.00			i	38	40.00		E	14s	16.40um				
LZH	45.11	78	iPc	28	03.00			eSS	39	40.00		MBO	59.88	262 iPd	29	52.70	0.2	
	2.0s		550.00nm		6.1mb	BJI	51.98	67 iPc	28	54.21	-1.2	SSE	60.07	74 ePc	29	52.49	-1.2	
	Z	20s	66.50um		6.6Msz								1.0s	120.00nm			6.0mb	
	E	15s	34.30um			Z	17s	29.90um			6.4MszX		Z	20s	12.80um			6.1Msz
			pP	28	10.00	N	13s	23.40um					N	16s	18.10um			
			sP	28	14.00	E	13s	15.70um					E	16s	13.80um			
			PcP	29	43.00			ec	28	57.43				epPd	29	58.28	19kmX	
			PP	29	49.00			epPd	29	00.08	19kmX			S	38	04.00		
			ScP	33	31.00			ePP	30	56.00				eSS	42	06.00		
			PcS	33	36.00			eS	36	20.00		HKC	60.08	86 iP	30	06.10	12.2X	
			S	34	40.00			eP	28	56.00	-0.5			eS	38	10.00		
			sS	34	50.00	BDT	52.09	102 eP			6.4mb	SNG	60.09	109 eP	29	54.80	0.8	
			SS	37	55.00			836.80nm			-0.5		1.8s	454.55nm			6.3mb	
CIT	45.79	53	eP	28	07.00	ENH	52.09	81 ePc	28	55.96	-0.5			eS	38	08.00		
	Z	14s	41.71um		6.5MszX			epPd	29	01.26	18kmX	MBC	61.03	356 ePc	29	59.50	-0.1	
	N	14s	12.46um			GYA	52.12	87 iPc	28	57.00	0.2		1.0s	61.00nm			5.7mb	
	E	16s	15.53um										61.09	33 eP	30	00.00	-0.2	
			e	29	52.00	Z	26s	41.70um			6.4MszX	MGD	1.8s	670.00nm			6.5mb	
			eS	34	56.00	N	18s	24.40um					Z	18s	96.00um			7.0Msz
			eSS	38	10.00	E	18s	15.30um					N	18s	42.00um			
ANTZ	46.12	271	iP	28	09.00			PcP	30	08.00			E	17s	77.00um			
LWI	46.99	203	iP+	28	17.00			PP	30	57.00				e	32	12.00		
BTO	47.51	69	P	28	22.00			ScP	34	02.00				ePPP	33	41.00		
	1.0s				0.7			S	36	18.00				eS	38	14.00		
	N	15s	64.00nm		5.6mb	PDA	52.85	290 iP	29	02.00	0.0			ePS	38	50.00		
	E	13s	26.60um			KHT	53.42	104 eP	29	06.80	0.4			e	39	42.00		
			13.80um			GDH	53.81	334 ePc	29	07.74	-0.9			iSSS	45	00.00		
			sP	28	37.00						6.9mb			Pc	30	02.00	-3.2X	
			PcP	29	48.50			epP	29	12.05	14kmX	QZH	61.75	81 Pc			6.3Msz	
			S	35	17.00			i	30	55.00			Z	20s	22.40um			
			ScS	38	08.00			i	31	10.00			N	24s	63.80um			
CD2	47.56	84	eP	28	22.00			e	36	33.00				S	38	28.00		
	Z	16s	33.90um		6.4MszX	NST	53.93	102 eP	29	14.00	3.9X	IPM	62.23	111 ePd	30	09.00	0.5	
	N	15s	30.40um			LOE	53.96	100 eP	29	10.00	-0.4		1.2s	224.10nm			6.2mb	
TIK	48.32	25	iPc+	28	26.80	TIA	54.48	71 eP	29	13.90	-0.2			e	31	22.40		
	2.0s		930.00nm		6.5mb							BUL	64.24	197 iPd	30	20.50	-1.2	
	Z	17s	91.00um		6.8MszX			57.00nm			5.6mb		1.0s	165.00nm			6.2mb	
			i	30	21.00	Z	12s	11.20um			6.2MszX	YSS	64.86	49 iPc	30	24.91	-0.5	
			iPPP	31	04.00			pP	29	22.00	27kmX		Z	17s	26.60um			6.5MszX
			iS	35	27.00			S	36	54.00			N	14s	11.80um			
			iPS	35	34.00	WHN	55.48	78 eP	29	20.50	-0.9		E	17s	36.10um			
			i	38	19.00									epPd	30	30.70	19kmX	
HHC	48.47	68	eP	28	28.60			36.00nm			5.4mb			e	30	40.30		
	1.1s		120.00nm		5.9mb			39.20um			6.5Msz			iS	39	06.00		
	Z	14s	26.00um		6.4MszX			18.10um						eSS	39	39.00		
	N	10s	19.50um			SNY	56.07	62 iPc	29	24.00	-1.4			eSS	43	14.00		
	E	10s	21.80um					22.00nm			5.2mb	ILT	65.01	17 iPc	30	25.00	-1.0	
			pP	28	35.00	N	15s	14.40um						iS	39	05.00		
					21kmX	E	15s	75.90um										

			e	40	34.00	
			e	43	49.00	
			e	45	36.00	
PDCR	94.18	257	eP	33	05.30	0.8
MIAR	94.43	327	ePc	33	05.09	-0.4
	1.4s	132.41nm				6.2mb
SIO	94.44	329	eP	33	05.50	-0.1
			e	33	17.30	
VVO	94.59	329	eP	33	07.10	0.9
DAU	94.66	342	iPc	33	07.74	0.8
			ePP	36	53.09	
TRN	94.73	289	eP	33	08.00	0.9
OCO	95.07	330	iPd	33	08.80	0.3
EMUT	95.12	342	eP	33	09.17	0.2
DUG	95.21	343	eP	33	09.82	0.6
	1.5s	69.09nm				5.9mb
			ePP	36	56.76	
LBFM	95.63	350	eP	33	10.90	-0.3
SRU	95.72	341	eP	33	11.43	-0.3
MEO	96.14	331	iPd	33	13.60	0.2
WDC	96.46	351	eP	33	17.00	2.2
			eLQ	08	29.00	
			ePP	37	08.00	
			i	40	53.00	
			iSKS	43	57.00	
			eSP	45	57.00	
			ePSPS	51	59.00	
WDC	96.46	351	(P)	33	14.17	-0.6
	0.7s	13.44nm				5.6mb
Z	19s	29.17um				6.8Msz
			eLQ	08	29.00	
			ePP	37	08.00	
			i	40	53.00	
			iSKS	43	57.00	
			S	45	40.69	
			eSP	45	57.00	
			ePSP	51	59.00	
MSU	96.68	342	ePc	33	17.10	1.0
ORV	97.34	350	eP	33	18.17	-0.6
ARUT	97.65	343	eP	33	21.23	0.8
TNP	98.11	346	eP	33	22.99	0.5
	0.8s	24.01nm				5.8mb
BONR	98.43	347	ePc	33	24.78	0.7
ALO	98.57	337	ePc	33	24.77	0.2
	1.3s	36.37nm				5.8mb
Z	19s	57.67um				7.1Msz
CAR	98.64	293	iP	33	28.00	3.0X
CMB	98.68	348	P	33	30.00	5.2X
	Z 18s	20.23um				6.7Msz
TPNV	99.03	345	P	33	40.00	13.4X
	Z 19s	25.05um				6.7Msz
BKS	99.09	350	eP	33	27.00	0.4
	2.0s	310.00nm				6.5mb
Z	20s	36.00um				6.9Msz
MHC	99.54	349	eP	33	29.00	0.1
			ePP	37	29.00	
			eSKS	44	13.00	
			ePS	46	34.00	
SAO	100.08	349	e(Pdiff	33	37.00	6.0X
			eLQ	08	53.00	
			eLR	15	27.00	
			iPP	37	38.00	
			eSKS	44	16.00	
			ePS	46	37.00	
			e	48	28.00	
ISA	100.69	346	ePdiff	33	33.40	-0.4
	1.7s	22.15nm				5.4mb
Z	18s	45.53um				7.0Msz
GSC	100.74	345	(Pdiff	33	35.29	1.2
PAS	102.11	346	(Pdiff	33	40.76	0.7
TUC	102.25	339	ePdiff	33	42.08	1.2
	1.3s	12.10nm				5.4mb
Z	18s	40.85um				7.0Msz
			ePP	33	51.72	
WRA	102.67	105	Pdiff	33	46.30	3.4X
	0.8s	4.10nm				5.2mb
VAO	106.65	254	ePKP	38	24.20	12.9X
MAW	110.69	173	ePKP	38	18.00	0.6
	1.0s	13.00nm				
CTA	111.37</					

N	20s	6.00um				MQS	14.09	343	eP	17	54.00	-5.4X	MRX	2.00	64	iP	27	17.80	0.7
E	20s	5.00um				ARU	16.47	28	(P)	18	25.00	-5.2X				iS	27	47.20	
		e	39	24.00					(S)	21	22.00		AGX	3.12	14	(P)	27	32.00	-1.0
		()	43	59.00		SVE	17.51	30	ePc	18	39.00	-4.2X	IJI	3.48	97	iP	27	38.50	0.2
		e	44	14.00			2.0s	80.00nm			4.5mb					(S)	28	14.00	
		e	45	54.00		Z	14s	4.50um			5.3msz		ACX	3.65	122	(P)	27	40.50	-0.1
RMQ	117.09	102 ePKP	38	31.60	0.6	N	14s	1.00um								(S)	28	18.00	
	1.1s	61.00nm				E	14s	1.50um					UNM	3.74	82	(P)	27	44.00	2.0
		ePKKp	49	02.00		SRO	19.47	295 eP	19	03.20	-3.8X		PPM	4.24	86	eP	27	48.20	-1.2
CCH	117.11	271 ePKP	38	25.00	-6.6X	BRVK	19.95	49 iPd	19	08.00	-4.1X					(S)	28	34.00	
SNA	117.71	196 iPKPd	38	31.90	1.1		0.8s	18.00nm			4.4mb		IIT	4.54	87	(P)	27	56.50	3.0X
	1.0s	44.00nm						eS	22	48.00		IISM	5.42	87	(P)	28	04.47	-1.1	
ZOBO	117.89	273 ePKP	38	20.00	-13.5X	KSP	21.25	303 eP	19	25.20	-0.4	S.D. = 1.3 on 8 of 9 obs.							
		eLR	21	06.00		QUE	21.50	118 eP	19	31.20	2.8X	OCT 24, 1992 00h 46m 53.17± 0.67s							
		i	39	44.20		FRU	21.79	79 eP	19	32.00	0.9	42.428 N ± 7.7km 44.865 E ± 9.0km							
CMS	117.89	108 iPKPc	38	32.80	0.5		1.6s	70.00nm			4.8mb	DEPTH = 33.0km (normal)							
	1.1s	15.00nm						e	19	54.00		3.5mb (3 obs.)							
LPB	118.02	273 PKP	38	34.80	1.3	NUR	21.86	333 iP	19	29.70	-1.8	NORTHWESTERN CAUCASUS (362)							
		LR	21	12.00			0.8s	41.10nm			4.9mb								
CNCB	118.11	273 PKP	38	34.00	0.2	PRU	22.21	300 eP	19	35.50	0.4								
BFD	118.82	115 ePKP	38	34.00	0.1	KAF	22.56	337 iP	19	36.70	-1.8								
ARE	120.47	275 ePKP	38	39.00	1.0		0.7s	14.10nm			4.5mb								
BRS	120.52	100 iPKPd	38	39.00	1.5	GEC2	22.63	297 Pd	19	40.50	1.1								
		i	40	09.00			0.6s	0.98nm			3.5mb X								
TOO	121.01	114 ePKP	38	38.10	0.0	SRG	22.72	302 eP	19	42.20	2.0								
	0.6s	19.00nm					1.2s	13.00nm			4.3mb								
BWA	121.33	110 ePKP	38	39.50	0.6	KHC	22.73	298 eP	19	41.10	0.7								
LPA	121.40	250 ePKP+	38	32.00	-6.9X			e	20	03.00									
Z	20s	4.26um			6.1msz	CLL	23.38	303 iPc	19	48.20	1.6								
		ePP	40	09.00				i	19	53.10									
CAN	122.21	110 ePKP	38	40.80	0.3	UPP	24.12	325 iP	19	54.30	0.6								
TCA	124.19	257 ePKPd	38	43.30	-1.2	GRF	24.31	299 eP	19	55.00	-0.7								
MRA	125.56	256 ePKPc	38	47.30	0.3	HFS	25.96	324 eP	20	09.70	-1.4								
RTCV	127.31	259 iPKPc	38	51.00	0.5		0.6s	2.70nm			4.1mb								
DZM	127.46	86 iPKPc	38	51.00	-0.1	Z	17s	892.00um			7.4mszX								
MDZ	128.07	258 iPKP	38	53.40	1.5			LR	29	22.00									
DRV	130.06	149 ePKP	38	56.00	1.5	SDF	26.93	344 iP	20	19.00	-1.0								
SPA	132.40	180 iPKPd	38	59.50	0.3	GKN	35.17	101 P	21	33.14	-0.1								
	1.4s	68.63nm				BCAO	44.58	219 ePc	22	45.00	-6.0X								
PMO	150.32	26 iPKP	39	39.80	7.9X		0.5s	3.00nm			4.4mb								
	1.0s	190.00nm				BOD	44.87	45 eP	22	55.00	2.1								
TPT	150.39	26 iPKP	39	40.40	8.4X	TIK	48.47	25 eP	23	19.00	-2.0								
	1.0s	240.00nm				FBA	72.49	6 eP	26	04.69	-0.3								
VAH	150.63	26 iPKP	39	40.10	7.8X		0.7s	4.65nm			4.6mb								
	1.0s	105.00nm				NEW	88.26	348 eP	27	32.59	3.3X								
RUV	150.66	25 iPKP	39	40.20	7.8X		0.9s	4.39nm			4.8mb								
	1.0s	125.00nm				S.D. = 1.3 on 29 of 43 obs.													
AFR	152.00	31 ePKP	39	44.00	9.7X	* OCT 24, 1992 00h 25m 24.39± 2.75s													
S.D. = 1.0 on 591 of 663 obs.					7.320 S ±16.5km 128.665 E ±20.9km														
					DEPTH = 172.1 ± 24.5 km														
					4.9mb (3 obs.)														
					BANDA SEA (280)														
					KAPT 5.74 240 eP 26 49.50 0.8														
					eS 27 48.70														
					KNA 8.38 179 eP 27 22.30 -1.4														
					0.2s 58.00nm 5.7mb X														
					eS 28 49.00														
					ASPA 17.01 163 iPd 29 14.30 0.5														
					0.7s 30.80nm 4.8mb														
					eS 32 14.30														
					WARB 18.86 186 eP 29 34.70 0.8														
					NANU 19.74 218 eP 29 42.60 -0.3														
					0.4s 13.00nm 4.7mb														
					CHG 39.16 312 eP 32 38.90 1.8														
					GUN 54.17 312 P 34 34.42 -0.3														
					PKI 54.34 312 P 34 35.60 -0.3														
					KKN 54.55 312 P 34 36.94 -0.4														
					DMN 54.58 311 P 34 37.22 -0.4														
					GBA 54.94 292 P 34 39.00 -1.0														
					GKN 55.14 312 P 34 41.14 -0.4														
					0.2s 11.00nm 5.2mb														
					HYB 55.27 297 eP 34 42.00 -0.4														
					GEC2 111.81 320 PKP 43 41.40 1.0														
					0.6s 0.63nm														
					CNCB 150.92 146 PKP 45 03.20 9.6X														
					ZOBO 151.25 145 PKP 45 03.80 9.6X														
					S.D. = 1.0 on 14 of 16 obs.														
					% OCT 24, 1992 00h 26m 44.94± 2.24s														
					18.832 N ±18.0km 103.102 W ±18.5km														
					DEPTH = 33.0km (normal)														
					NEAR COAST OF MICHOCAN, MEXICO (56)														
					CGX 0.93 339 iP 27 02.32 0.5														
					eS 27 18.33														

24d 00h

	1.2s	21.90nm	4.6mb	CNB	28.67	250 eP	05 49.60	2.8X	TIY	94.20	311 eP	13 08.00	-0.1	
STK	28.39	200 P	58 50.29	-0.7		1.0s	50.00nm	5.3mb	Z	20s	1.37um		5.4msz	
BWA	29.20	187 eP	58 58.90	0.6	CAN	28.96	250 eP	05 51.90	2.4	CHG	94.20	289 eP	13 13.00	5.4X
CAN	30.01	186 eP	59 04.20	-1.4			i	05 55.50		XAN	94.51	307 eP	13 16.20	6.6X
BFD	33.02	195 eP	59 30.40	-1.5	BWA	29.44	252 eP	05 53.90	0.1	RSSD	99.37	44 (P)	13 31.78	0.2
	1.0s	13.00nm	4.8mb				i	05 57.90			1.0s	3.60nm		4.9mb
PPI	52.53	274 e(P)	02 08.00	-2.4	RMQ	30.24	268 iPd	06 02.10	1.1	NRI	119.41	336 ePKPc	18 36.00	-2.0
LZH	61.63	316 eP	03 19.50	4.8X		0.6s	68.00nm	5.7mb			1.2s	11.00nm		
	1.5s	19.00nm	5.0mb		CMS	31.82	258 iPd	06 15.90	1.1			e	18 45.00	
HYB	76.67	289 eP	04 53.50	6.0X		0.8s	20.00nm	5.1mb		KSH	120.70	301 ePKP	18 41.50	-0.1
SVW	77.34	23 eP	04 50.53	0.1	TOO	31.86	246 iPd	06 17.30	2.2	FRU	122.51	304 ePKP	18 44.00	-0.8
	0.8s	30.29nm	5.4mb			1.0s	66.00nm	5.5mb			2.0s	40.00nm		
			05 00.12				ePcP	09 13.20				e	18 52.00	
SLKM	79.18	25 eP	04 59.87	-0.7	BFD	34.20	247 iPd	06 37.30	1.9	BUL	124.35	210 iPKPd	19 00.10	10.9X
			05 09.14			1.2s	33.00nm	5.1mb		BRVK	126.74	316 iPKPc	18 51.50	-1.2
PMR	80.20	24 eP	05 05.50	-0.4			e	09 19.40			1.0s	17.00nm		
	0.7s	10.84nm	5.0mb		CTA	34.53	278 iPc	06 37.00	-1.5	SVE	132.09	321 ePKPd	19 02.00	-0.7
IMA	80.99	19 eP	05 10.56	0.3		1.5s	138.89nm	5.6mb		MAIO	132.79	293 ePKP	19 04.00	-0.9
	0.6s	3.01nm	4.5mb		STK	35.35	256 P	06 47.20	1.8	ARU	133.27	321 (PKP)	19 05.00	0.0
FBA	82.41	22 eP	05 16.09	-1.4	ADE	37.40	251 e(P)	07 04.40	1.7	ASH	133.93	295 ePKP	19 08.00	1.2
	0.8s	10.43nm	4.9mb		ASPA	43.94	266 iPc	07 55.50	-1.2	GRS	143.39	297 iPKPc	19 20.00	-4.3X
			05 25.23	29kmX		1.1s	38.70nm	5.1mb			1.4s	70.00nm		
KHC	124.42	329 ePKP	11 55.00	0.0	Z	20s	7.70um	5.6msz		TAB	143.41	295 iPKP	19 21.00	-3.4X
			12 01.00				eS	14 20.50		KAF	144.43	341 iPKP	19 22.00	-3.1X
			eSg	19 41.00			eScS	17 54.60		MOS	144.45	326 ePKP	19 23.00	-2.3X
			19 58.00		DRV	44.82	203 iP	08 05.00	1.8			e	19 36.00	
GEC2	124.53	328 PKP	11 55.40	0.1	WRA	44.88	271 P	08 21.00	16.6X	ERE	144.77	298 iPKP+	19 25.00	-1.5
	0.5s	0.47nm				1.1s	10.40nm				1.3s	25.00nm		
SIV	140.33	123 ePKP	12 21.00	-5.0X	WARB	49.38	260 eP	08 37.50	-2.1X	PUL	144.97	336 ePKP	19 25.00	-1.1
TRN	145.75	79 ePKP	12 36.00	0.6		0.4s	5.00nm	4.9mb			1.5s	150.00nm		
VAO	145.83	146 (PKP)	12 37.00	1.6	KNA	51.44	273 eP	08 54.00	-1.4	OBN	145.28	326 iPKPc	19 25.00	-1.8
BAO	150.69	136 PKPd	12 50.00	6.7X	NANU	60.13	260 eP	09 56.70	-1.2		1.5s	290.00nm		
			12 55.20		SPA	60.17	180 iPc	10 02.50	4.6X	PYA	145.38	305 iPKPc	19 26.00	-1.4
			13 01.00			1.1s	34.52nm	5.4mb		KIV	145.65	305 iPKP	19 27.20	-0.8
			13 05.00		CGP	67.72	295 eP	10 46.50	-1.2	NUR	146.20	341 iPKP	19 27.20	-0.9
			13 07.00		MAW	72.97	200 iPc	11 21.60	2.8X	NB2	148.47	352 PKP	19 34.10	2.3
			13 11.90			0.9s	30.00nm	5.4mb			1.0s	35.50nm		
BDF	150.73	136 e(PKP)	12 50.00	6.7X	MAT	78.37	325 eP	11 49.00	-0.9	UPP	148.53	346 iPKP	19 33.40	1.5
			12 53.00			1.5s	44.44nm	5.3mb		HFS	149.00	350 ePKP	19 34.50	1.9
			13 02.60		SNA	79.91	178 e(P)	12 01.00	3.3X		1.0s	45.20nm		
			13 04.50		ARN	84.80	41 (P)	12 24.09	0.6	ANN	149.19	308 ePKP	19 37.00	3.6X
			13 08.00		YSS	84.80	334 iPd	12 22.40	-0.8		1.3s	180.00nm		
						0.6s	40.00nm	5.8mb		MNK	150.18	330 ePKP	19 37.00	2.4X
S.D. = 1.1 on 23 of 29 obs.					Z	20s	11.00um	6.2msz		SVST	150.59	299 ePKP	19 42.60	6.7X
OCT 24, 1992 00h 59m 47.72±0.26s					N	17s	1.00um			BCAO	150.60	213 iPKPc	19 36.30	-0.2
29.996 S ± 5.3km 177.074 W ± 6.6km					E	20s	0.50um				1.0s	110.00nm		
DEPTH = 10.0km (geophysicist)													19 42.80	
5.3mb (25 obs.) 5.7msz (3 obs.)													19 52.00	
KERMADEC ISLANDS, NEW ZEALAND (178)					PLM	84.92	47 eP	12 25.95	1.5				20 28.10	
					ISA	85.45	44 eP	12 26.63	-0.2	KVT	151.03	301 iPKP	19 44.00	7.6X
RAO	1.04	315 iPc	00 07.50	0.1		0.9s	8.90nm	5.0mb		TRHT	151.07	300 ePKP	19 42.90	6.3X
KUZ	9.03	220 eP	02 07.40	6.3X	CMB	85.93	41 eP	12 29.51	0.3	BURJ	151.82	283 PKPc	19 44.80	6.9X
WCZ	9.33	228 eP	02 10.20	5.0X		1.0s	7.95nm	4.8mb		KFNJ	151.90	282 PKPd	19 45.00	7.1X
OUZ	9.44	234 P	02 12.80	6.2X	GLA	86.03	48 eP	12 30.74	1.0	SALJ	151.91	283 PKPd	19 45.00	7.0X
URZ	9.55	209 eP	02 07.00	-1.2	GSC	86.23	45 eP	12 31.19	0.4	HRI	151.93	285 ePKP	19 50.40	12.3X
			03 57.10		ORV	86.35	40 eP	12 31.35	0.2	KART	152.29	302 ePKP	19 45.90	7.4X
MOZ	10.82	216 eP	02 27.20	1.5	NJ2	86.59	310 Pc	12 39.00	6.5X	M8H	152.34	278 ePKP	19 51.10	12.4X
SVA	12.51	340 eP	02 43.10	-5.5X	BONR	87.08	43 eP	12 35.36	0.2	ADI	152.36	285 ePKP	19 50.80	12.2X
SNZO	13.11	208 P	02 57.10	0.6	LBFM	87.39	38 eP	12 36.11	-0.3	ZNT	152.47	283 ePKP	19 51.40	12.7X
			05 11.00		MDZ	87.68	127 i(P)	12 53.40	15.3X	KAS	152.64	303 ePKP	19 46.00	7.2X
THZ	14.27	212 eP	03 10.40	-1.4X	TNP	87.81	43 eP	12 38.76	0.2	RMN	152.65	279 ePKP	19 51.50	12.4X
			05 44.80			1.0s	8.69nm	5.0mb		BBTK	153.74	300 ePKP	19 48.00	7.6X
KHZ	14.51	209 eP	03 11.00	-4.0X	TUC	88.23	51 eP	12 41.99	1.5	CSS	153.93	289 ePKP	19 49.00	8.3X
			05 46.70			0.9s	7.08nm	5.0mb		KIC	155.41	161 PKP	19 59.00	15.8X
LTZ	15.36	211 eP	03 22.60	-3.5X	MDJ	88.75	325 eP	12 42.20	-0.4	OJC	156.13	333 ePKP	19 32.00	-11.2X
			06 08.40			1.2s	29.00nm	5.4mb					19 43.50	
MQZ	15.95	208 eP	03 27.90	-5.7X	SNY	90.00	320 Pc	12 46.50	-2.0	UZH	156.22	327 ePKP	19 55.00	11.7X
AFI	16.74	18 eP	03 50.00	6.0X		1.4s	80.00nm	5.8mb					20 02.50	
			06 35.00		TIA	90.29	312 Pc	12 49.70	-0.3				20 09.60	
DZM	16.77	294 iPc	03 47.80	3.5X		1.3s	76.00nm	5.8mb		COZ	157.26	318 ePKP	19 57.00	12.0X
LMZ	17.49	215 eP	03 50.30	-2.8X	CN2	90.31	322 Pc	12 49.20	-0.7	CLL	157.42	343 e(PKP)	19 52.00	7.3X
BWZ	17.81	212 eP	03 56.30	-0.7		1.4s	170.00nm	6.1mb		BRG	157.57	341 ePKP	19 46.20	1.3
ODZ	17.87	209 eP	03 58.00	0.1		N	14s	0.70um			1.4s	36.00nm		
BKM	18.17	309 iPc	04 03.20	1.5		E	14s	0.42um					20 06.60	
LRCZ	18.46	212 P	04 03.80	-1.5						GEC2	159.46	339 e(PKP)	19 46.80	-0.5
MNZ	18.49	212 eP	04 05.10	-0.5	BMW	90.33	34 eP	12 49.91	-0.2		1.1s	2.40nm		
LSCZ	18.49	212 eP	04 04.10	-1.5	VGB	90.87	36 eP	12 52.02	-0.5					
SBCZ	18.50	212 eP	04 03.70	-2.0	MSU	91.13	45 eP	12 54.95	0.8					
CMCZ	18.56	212 P	04 06.10	-0.4	LON	91.22	34 eP	12 53.14	-1.0					
TUZ	19.03	209 eP	04 13.00	0.9	RMW	91.72	34 eP	12 56.20	-0.2					
BCZ	19.87	212 eP	04 21.50	-0.2	GYA	92.05	299 P	13 03.20	4.7X					
SIZ	20.39	210 eP	04 27.90	0.7		1.0s	14.00nm	5.3mb						
BRS	26.54	268 iP	05 30.50	3.0X	SRU	92.52	46 eP	13 01.08	0.6					
			05 43.00		BJI	93.20	315 eP	13 03.00	-0.3					
			05 54.00											

S.D. = 1.2 on 76 of 127 obs.

& OCT 24, 1992 01h 06m 48.48s
63.061 N 148.508 WDEPTH = 71.0km
CENTRAL ALASKA (1)
<AEC>

HUR	0.52	261	iP	07 01.50	-0.3
			eS	07 10.98	
MCK	0.70	344	iP	07 03.65	-0.1
			eS	07 14.18	
TRF	0.90	297	iP	07 06.10	-0.1
KTH	1.20	295	eP	07 09.88	0.0
SML	1.26	176	eP	07 10.29	-0.4
GHO	1.31	189	eP	07 11.17	-0.2
SCM	1.35	155	eP	07 11.72	-0.2
			eS	07 30.95	
PAX	1.39	92	eP	07 12.48	0.0
			eS	07 30.31	
DDM	1.40	57	eP	07 14.03	1.5
WRH	1.43	7	eP	07 12.09	-0.8
TOA	1.45	131	P	07 13.60	0.4
SDG	1.46	110	eP	07 13.56	0.1
			eS	07 33.35	
PLRM	1.50	191	eP	07 13.82	-0.1
PMR	1.50	191	eP	07 13.57	-0.3
			eS	07 29.43	
HDA	1.52	26	eP	07 13.43	-0.7
			eS	07 32.58	
NEA	1.54	351	eP	07 13.50	-1.0
PWA	1.55	205	P	07 15.60	1.0
DJE	1.60	51	eP	07 15.81	0.6
CCB	1.62	11	eP	07 14.32	-1.2
KNK	1.65	179	eP	07 16.37	0.4
			iS	07 39.24	
TZL	1.76	124	eP	07 17.75	0.4
SKT	1.77	234	eP	07 17.20	-0.4
			S	07 39.30	
FBA	1.87	9	eP	07 17.75	-1.2
PMS	1.89	196	P	07 20.00	0.8
SUA	1.91	214	eP	07 20.74	1.1
KLU	1.99	141	eP	07 20.13	-0.5
GLM	2.00	14	eP	07 20.50	-0.2
DOT	2.09	72	eP	07 21.76	-0.2
VLZ	2.19	151	eP	07 22.33	-1.0
			eS	07 48.95	
VZW	2.21	155	eP	07 22.79	-0.9
PTE	2.22	187	eP	07 24.36	0.7
GLI	2.29	162	eP	07 24.04	-0.7
NGC	2.38	227	eP	07 26.28	0.1
CGLM	2.41	225	eP	07 27.84	1.4
FID	2.51	157	eP	07 27.33	-0.5
SPU	2.52	223	ePn	07 28.81	0.9
BGL	2.56	227	eP	07 30.50	1.9
CKL	2.60	226	eP	07 30.42	1.3
MPA	2.61	189	eP	07 29.90	0.7
BKG	2.67	223	eP	07 31.44	1.4
SLKM	2.69	198	eP	07 30.68	0.4
GLB	2.73	124	eP	07 30.47	-0.5
KNIM	2.75	172	eP	07 30.09	-1.0
HIN	2.84	159	eP	07 31.19	-1.2
CVA	2.84	151	eP	07 31.24	-1.2
SEW	3.00	189	eP	07 34.52	-0.1
SGAM	3.01	147	eP	07 33.05	-1.7
RDG	3.11	218	eP	07 37.00	0.8
RAGM	3.24	144	eP	07 36.88	-1.2
HMT	3.40	142	eP	07 38.82	-1.4
TTA	3.43	271	P	07 39.29	-1.4
CROM	3.43	130	eP	07 39.35	-1.5
BALM	3.54	122	eP	07 40.81	-1.5
TGL	3.54	128	eP	07 40.28	-2.1
CNPM	3.78	202	eP	07 45.59	0.0
SNH	3.96	134	eP	07 46.49	-1.6

57 obs. associated

? OCT 24, 1992 02h 25m 35.57±1.17s
41.707 N ±16.5km 13.889 E ± 8.4km
DEPTH = 10.0km (geophysicist)

SOUTHERN ITALY (390)

SDI	0.06	269	P	25 37.50	-0.3
			eSg	25 39.00	
DUI	0.43	96	P	25 44.40	0.1
			eSg	25 50.00	
AQU	0.74	331	P	25 49.70	-0.4
MNS	1.13	307	P	25 57.40	0.7

S.D. = 0.9 on 4 of 4 obs.

% OCT 24, 1992 03h 20m 31.83±0.95s
42.629 N ± 6.8km 13.211 E ±10.1km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)

AQU	0.31	153	P	20 36.80	-1.5
-----	------	-----	---	----------	------

MNS	0.46	238	Pc	20 40.80	-0.4
			eSg	20 49.00	
ASS	0.60	318	P	20 43.90	-0.1
			eSn	20 53.80	
ARV	0.89	347	P	20 49.00	0.1
			eSn	21 01.40	
RMP	0.90	205	P	20 49.70	0.6
			eSg	21 03.50	
SDI	1.03	154	P	20 52.60	1.3
			eSn	21 05.50	

S.D. = 1.2 on 6 of 6 obs.

? OCT 24, 1992 03h 20m 52.98±7.13s
41.494 N ±52.1km 23.184 E ±10.6km
DEPTH = 10.0km (geophysicist)

GREECE-BULGARIA BORDER REGION (363)

KNT	0.40	213	ePg	21 00.84	-0.3
			eSg	21 10.60	
SRS	0.49	141	ePg	21 02.64	-0.2
			eSg	21 14.10	
SOH	0.68	169	ePg	21 06.96	0.4
			eSg	21 21.64	
GRG	0.80	228	ePg	21 08.60	0.1
			eSg	21 21.96	

S.D. = 0.5 on 4 of 4 obs.

* OCT 24, 1992 04h 25m 57.27±0.70s
51.819 N ±19.5km 173.099 W ± 9.6km
DEPTH = 33.0km (normal)

4.8mb (6 obs.)

ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	2.22	273	iPd	26 33.31	0.8
			eS	26 58.59	
TTA	14.39	33	eP	29 26.17	5.7X
			1.2s 13.23nm	4.4mb	
SLKM	15.36	47	(P)	29 33.97	1.0
KLU	17.67	46	eP	30 01.04	-1.2
BALM	19.17	49	(P)	30 16.29	-4.3X
NEW	35.38	73	eP	32 51.20	-0.4
			0.9s 15.35nm	4.9mb	
MCMT	39.64	76	ePc	33 27.50	-0.1
			i	33 41.40	
BONR	40.27	88	(P)	33 34.45	1.6
BW06	42.76	76	iPc	33 53.00	-0.2
			0.8s 10.12nm	4.6mb	
GSC	42.88	90	eP	33 54.88	0.8
			epP	34 02.23	25kmX
			pwP	34 08.53	
MSU	43.71	83	eP	34 01.75	0.8
			pwP	34 16.09	
PLM	44.13	92	(P)	34 04.40	0.0
GOL	47.13	77	iPc	34 28.41	0.2
			1.1s 13.07nm	4.8mb	
MIAR	57.61	74	eP	34 42.16	
			1.3s 16.61nm	4.9mb	
			pwP	35 58.32	
ASPA	88.31	227	eP	38 45.20	-1.3
			1.3s 9.60nm	4.9mb	

S.D. = 1.1 on 13 of 15 obs.

* OCT 24, 1992 04h 26m 29.81±1.31s
30.032 S ±10.7km 177.037 W ±19.4km
DEPTH = 10.0km (geophysicist)

4.9mb (7 obs.)

KERMADEC ISLANDS, NEW ZEALAND (178)

RAO	1.09	315	iP	26 49.50	-0.8
			S	27 06.00	
WCZ	9.33	229	eP	28 58.00	10.7X
THZ	14.25	212	eP	29 54.50	0.8
KHZ	14.50	209	eP	29 53.20	-3.7X
LTZ	15.35	211	eP	30 04.50	-3.5X
DZM	16.82	294	iPc	30 29.90	2.9X
LMZ	17.48	215	eP	30 35.40	0.4
BWZ	17.79	212	eP	30 37.50	-1.5
ODZ	17.86	210	eP	30 38.50	-1.3
BRS	26.57	268	iP	32 11.50	1.6
RMO	30.27	268	eP	32 44.60	1.3
			0.7s 25.00nm	5.2mb	
CMS	31.85	258	eP	32 58.10	1.0
			0.6s 6.00nm	4.7mb	
			eS	38 58.20	

TOO	31.87	246	iPc	32 59.10	1.8
			1.0s 22.00nm	5.0mb	
ASPA	43.97	266	eP	34 37.30	-1.7
			0.6s 10.70nm	4.8mb	
WRA	44.92	271	P	34 45.00	-1.8
			0.4s 12.40nm	5.2mb	
SPA	60.14	180	iPc	36 43.80	4.1X
			0.9s 9.09nm	4.9mb	
MAT	78.42	325	(P)	38 29.00	-3.2X
			1.0s 11.00nm	4.9mb	
KAF	144.47	341	ePKP	46 02.30	-5.0X
OBN	145.33	326	ePKPd	46 02.00	-6.9X
			1.5s 35.00nm		
			i	46 06.20	
			e	46 19.00	
NUR	146.25	341	iPKP	46 08.60	-1.7
			0.7s 24.40nm		
NB2	148.51	352	PKP	46 15.40	1.4
			0.9s 11.40nm		
UPP	148.57	346	iPKP	46 17.90	3.9X
HFS	149.04	350	ePKP	46 15.50	0.7
			0.4s 2.00nm		

S.D. = 1.5 on 14 of 23 obs.

* OCT 24, 1992 04h 33m 16.88±0.50s
5.367 S ± 8.3km 152.663 E ±11.4km
DEPTH = 33.0km (normal)

4.8mb (9 obs.) 4.7Msz (2 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB	1.27	337	iPc	33 40.00	1.6
			0.4s 610.17nm		
			iS	33 59.00	
PMG	6.77	233	eP	34 58.00	1.4
			eS	35 14.00	
BKM	19.53	130	iPd	37 44.00	-0.8
GUA	20.30	338	eP	37 56.70	3.8X
GUMO	20.36	338	eP	37 56.00	2.5
DZM	21.30	143	iPc	38 02.90	-0.3
RMQ	21.33	190	eP	38 06.50	3.1X
			1.3s 107.00nm	5.1mb	
BRS	21.90	180	eP	38 09.00	-0.1
QLP	22.58	200	eP	38 17.20	1.4
WRA	22.97	229	P	38 19.89	0.2
PPI	52.41	274	eP	42 26.00	-2.8X
TIY	56.89	322	eP	43 03.00	1.8
XAN	56.94	317	P	42 59.60	-2.0
			0.6s 7.70nm	4.9mb	
CHG	58.11	296	eP	43 09.10	-0.9
CD2	59.00	311	eP	43 14.50	-1.6
HHC	59.43	325	P	43 19.60	0.7
			1.0s 5.70nm	4.7mb	
BTO	60.17	324	eP	43 22.60	-1.4
LZH	61.54	316	eP	43 33.00	-0.5
			1.2s 25.00nm	5.2mb	
Z	20s		0.50um	4.7Msz	
E	15s		0.46um		
			pP	43 42.50	31kmX
GTA	65.98	317	eP	44 01.40	-1.1
			1.0s 6.00nm	4.6mb	
Z	22s		0.59um	4.7Msz	
			pP	44 11.00	31kmX
GUN	72.30	301	P	44 41.10	-0.9
PKI	72.60	301	P	44 41.98	-1.8
KKN	72.77	301	P	44 42.94	-1.7
DMN	72.87	301	P	44 43.58	-1.7
GKN	73.38	301	P	44 47.10	-1.0
WMQ	76.06	317	P	45 04.50	1.4
GBA	76.99	285	P	45 16.00	7.4X
TTA	78.34	21	eP	45 15.17	-0.2
			0.6s 3.26nm	4.5mb	
IMA	81.03	19	eP	45 30.64	0.8
			0.4s 2.29nm	4.5mb	
KLU	81.55	25	(P)	45 33.32	0.8
TOA	81.73	25	eP	45 37.10	3.7X
FBA	82.46	22	eP	45 35.77	-1.3
			0.8s 9.68nm	4.9mb	
KSH	83.18	311	P	45 44.00	2.5
			0.5s 20.00nm	5.5mb	
MBC	94.				

24d 04h

i 53 19.00
 VAO 145.90 146 ePKP 52 56.70 1.8
 TIO 148.34 326 iPKPd 53 15.90 17.2X
 BAO 150.78 136 e(PKP) 53 08.00 5.2X
 e 53 09.60
 e 53 24.10
 e 53 27.00
 e 53 29.00
 BDF 150.82 136 PKPd 53 11.00 8.2X
 e 53 19.50
 e 53 29.00
 e 53 34.30

S.D. = 1.4 on 30 of 41 obs.

* OCT 24, 1992 04h 43m 40.04 ± 0.90s
 31.631 S ± 12.2km 69.345 W ± 9.5km
 DEPTH = 118.8 ± 16.0 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTCV 0.73 109 eP 44 00.00 0.2
 RTLL 0.81 68 iPc 44 00.30 -0.2
 MDZ 1.32 162 iP 44 06.20 0.5
 iS 44 24.10
 IHA 2.39 234 eP 44 18.50 -0.4
 e(S) 44 46.00
 MRA 3.19 105 iPc 44 29.70 0.3
 S 45 05.00
 TCA 4.07 87 iP 44 40.80 -0.7
 (S) 45 25.20
 ZOBO 15.31 4 eP 47 12.00 0.4
 S.D. = 0.6 on 7 of 7 obs.

? OCT 24, 1992 04h 50m 49.16 ± 3.84s
 16.112 S ± 103.km 71.912 W ± 48.5km
 DEPTH = 145.8 ± 16.4 km
 4.1mb (2 obs.)
 SOUTHERN PERU (117)

ZOBO 3.64 93 P 51 46.00 0.1
 LPB 3.69 97 P 51 50.00 3.7X
 CNCB 3.84 101 P 51 48.00 -0.4
 CCH 5.67 104 eP 52 13.00 0.3
 NNA 6.30 310 eP 52 21.00 0.0
 0.6s 4.00nm 3.9mb
 eS 53 31.70
 GEC2 99.12 42 PKP 04 20.90 6.0X
 0.6s 0.71nm 4.4mb
 CLL 99.28 39 iPc 04 15.40 0.0
 S.D. = 0.5 on 5 of 7 obs.

& OCT 24, 1992 07h 16m 38.06s
 34.977 N 116.933 W
 DEPTH = 0.5km
 SOUTHERN CALIFORNIA (43)
 <PAS>P>. ML 2.9 (PAS), 2.4 (GS).

GSC 0.34 18 iPc 16 44.90 0.0
 SSK 0.99 220 ePd 16 56.48 -1.3
 S 17 09.71
 ISA 1.43 299 eP 17 03.13 -2.2
 S 17 24.20
 PLM 1.62 178 eP 17 06.79 -1.3
 S 17 29.61
 ABL 1.88 267 eP 17 12.83 0.9
 S 17 36.04
 TPNV 2.04 16 (P) 17 16.09 1.9
 eS 17 43.71
 BCH 2.59 275 eP 17 19.57 -2.5
 GLA 2.60 137 eP 17 25.63 3.6
 S 18 01.60
 BONR 3.17 340 (P) 17 29.36 -1.0
 9 obs. associated

? OCT 24, 1992 08h 14m 06.38 ± 4.18s
 38.415 S ± 46.1km 176.066 E ± 40.3km
 DEPTH = 33.0km (normol)
 NORTH ISLAND, NEW ZEALAND (159)
 ML 4.1 (WEL).

URZ 0.84 80 Pc 14 21.70 0.0
 S 14 37.30
 KIW 2.60 200 P 14 47.90 0.9
 MTW 2.78 189 P 14 49.50 0.1
 CAW 2.80 196 eP 14 50.10 0.3
 MRW 3.00 200 P 14 52.60 -0.1
 MOW 3.07 192 P 14 53.00 -0.7
 TCW 3.12 206 eP 14 53.80 -0.5

S.D. = 0.6 on 7 of 7 obs.

OCT 24, 1992 08h 23m 01.12 ± 0.14s
 29.536 S ± 4.8km 177.279 W ± 3.8km
 DEPTH = 18.7km (geophysicist)
 5.8mb (63 obs.) 6.2MsZ (53 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)

Ms 6.6 (BRK). Mo=1.3*10**19 Nm
 (PPT). Felt (IV) on Raoul
 Island. Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=318 Dip=58 Slip= 75
 NP2: 165 35 112
 Principal Axes:

T P1g=73 Azm=190
 P 12 59
 Comment: The focal mechanism is
 moderately well controlled and
 corresponds to reverse
 faulting with a small strike-
 slip component. The preferred
 fault plane is not determined.

RADIATED ENERGY
 No. of sta: 9 Focal mech. M
 Energy 4.1 ± 1.3*10**13 Nm
 MOMENT TENSOR SOLUTION
 Dep 77 No. of sta: 26
 Moment Tensor: Scale 10**18 Nm
 Mrr= 4.46 Mtt=-1.91
 Mff=-2.55 Mrt=-1.52
 Mrf= 0.65 Mtf= 3.49

Principal axes:
 T Val= 4.81 P1g=76 Azm=174
 N 1.15 11 315
 P -5.96 8 47
 Best Double Couple: Mo=5.4*10**18
 NP1:Strike=149 Dip=38 Slip= 108
 NP2: 307 54 77

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 31S, 82C M.W.: 26S, 46C
 Centroid Location:
 Origin Time 08:23:14.7 0.1
 Lat 29.74S 0.01 Lon 177.02W 0.01
 Dep 19.7 0.4 Half-duration 4.5
 Moment Tensor: Scale 10**18 Nm
 Mrr= 5.69 0.04 Mtt=-0.10 0.03
 Mff=-5.59 0.04 Mrt= 1.49 0.11
 Mrf= 6.22 0.18 Mtf=-1.98 0.03

Principal Axes:
 T Val= 8.48 P1g=66 Azm=280
 N 0.52 3 16
 P -9.00 23 107
 Best Double Couple: Mo=8.7*10**18
 NP1:Strike=202 Dip=22 Slip= 97
 NP2: 15 69 87

RAO 0.63 297 Pc 23 18.30 5.1X
 KUZ 9.28 217 eP 25 16.40 -0.5
 WCZ 9.51 226 eP 25 21.70 1.6
 OUZ 9.57 231 P 25 23.60 2.7X
 NOZ 9.85 202 eP 25 16.90 -7.9X
 URZ 9.87 207 eP 25 16.70 -8.3X
 eS 27 08.70
 TAZ 10.09 209 eP 25 27.70 -0.4
 WLZ 10.21 214 eP 25 27.40 -2.3X
 MOZ 11.09 214 eP 25 39.90 -1.9X
 SVA 12.02 340 eP 25 54.20 -0.2
 VUN 12.12 340 eP 25 54.10 -1.6X
 SGE 12.68 339 eP 26 13.60 10.3X
 KIW 12.97 207 eP 25 58.40 -8.7X
 MTW 13.00 205 eP 25 58.60 -8.9X
 MBU 13.03 343 eP 26 18.60 10.6X
 CAW 13.12 206 eP 26 00.80 -8.3X
 BLW 13.19 205 eP 26 00.80 -9.2X
 MOW 13.32 205 eP 26 03.00 -8.7X
 MRW 13.37 207 eP 26 02.20 -10.1X
 eS 28 27.40
 SNZO 13.43 207 P 26 03.00 -10.2X
 S 28 36.00
 TCW 13.53 208 eP 26 04.70 -9.7X
 ORZ 14.00 214 eP 26 17.50 -3.1X
 eS 28 48.20
 KHZ 14.83 207 eP 26 20.90 -10.6X
 DSZ 15.06 213 eP 26 28.40 -6.1X
 LTZ 15.67 210 eP 26 34.50 -7.9X

MQZ 16.27 207 eS 29 17.30
 eP 26 40.10 -10.0X
 eS 29 28.80
 AFI 16.36 19 eP 26 53.00 1.5
 eS 30 00.00
 eLR 34 00.00
 DZM 16.42 293 iPd 26 58.90 6.6X
 iS 30 25.10
 PVC 17.65 309 iPc 27 15.80 8.3X
 BKM 17.74 309 iP 27 14.00 5.2X
 LMZ 17.77 214 eP 27 01.40 -7.5X
 RAR 17.84 66 ePd 27 06.78 -3.2X
 BWZ 18.10 211 eP 27 06.40 -6.6X
 ODZ 18.19 208 eP 27 07.00 -7.1X
 eS 30 20.80
 LRCZ 18.76 211 eP 27 13.30 -8.0X
 MHZ 18.79 211 eP 27 13.00 -8.6X
 LSCZ 18.79 211 eP 27 12.90 -8.7X
 SBCZ 18.80 211 eP 27 13.80 -7.9X
 TLC 18.98 211 eP 27 18.00 -6.0X
 TUZ 19.34 208 P 27 23.90 -4.3X
 eS 30 49.50
 BCZ 20.16 211 P 27 31.80 -5.2X
 SZ 20.70 209 eP 27 39.10 -3.5X
 TBI 25.62 83 eP 28 41.00 9.9X
 1.2s 270.00nm 5.8mb
 BRS 26.38 267 iP 28 40.00 1.8
 1.3s 22.00nm 4.7mb X
 i 28 50.00 37kmX
 eS 34 00.00
 e 39 46.00
 e 41 54.00
 ARMA 26.91 260 eP 28 45.10 2.0
 0.5s 126.00nm 5.8mb
 eS 35 57.00
 RIV 27.14 253 eP 28 50.00 5.0X
 Z 19s 7.50um 5.3msz
 iS 33 55.00
 iScP 35 58.70
 AFR 27.82 71 eP 28 49.00 -2.3X
 1.0s 55.00nm 5.2mb
 PAE 27.92 71 eP 28 51.00 -1.2
 1.0s 70.00nm 5.4mb
 PPT 27.97 71 eP 28 53.00 0.3
 1.0s 70.00nm 5.4mb
 PPN 28.11 71 eP 28 54.00 0.0
 1.0s 40.00nm 5.1mb
 TVO 28.13 72 eP 28 53.00 -1.3
 1.0s 65.00nm 5.3mb
 CNB 28.65 250 iPc 29 00.10 1.3
 1.0s 265.00nm 5.9mb
 e 36 01.00
 CAN 28.95 250 eP 29 02.50 1.0
 i 29 04.30
 iP 29 13.10 39kmX
 HNR 29.23 309 eP 29 06.00 1.9
 BWA 29.41 252 eP 29 04.80 -0.9
 iP 29 15.10 37kmX
 RMO 30.08 267 iPd 29 13.10 1.4
 0.7s 291.00nm 6.2mb
 e 35 00.00
 PMO 30.69 68 eP 29 19.00 2.0
 1.2s 85.00nm 5.5mb
 VAH 30.77 69 eP 29 22.00 4.2X
 1.2s 120.00nm 5.6mb
 TPT 30.92 69 eP 29 22.00 3.0X
 1.2s 95.00nm 5.5mb
 RUV 31.00 69 eP 29 21.00 1.2
 1.2s 100.00nm 5.5mb
 CMS 31.75 257 iPd 29 26.50 0.2
 0.9s 95.00nm 5.7mb
 iP 29 39.00 48kmX
 TOO 31.88 246 iPd 29 27.60 0.1
 1.0s 320.00nm 6.2mb
 ePcP 32 24.00
 QLP 33.99 265 eP 29 45.80 0.0
 BFD 34.21 246 iPd 29 47.70 0.0
 1.2s 127.00nm 5.7mb
 CTAO 34.29 277 iPc 29 48.83 0.3
 ePd 29 55.54 23kmX
 STK 35.29 256 P 29 57.70 0.7
 ADE 37.39 250 ePc+ 30 14.50 -0.1
 PMG 38.82 294 eP 30 25.00 -1.7
 ASPA 43.79 266 iPc 31 01.90 -5.7X
 0.4s 20.10nm 5.3mb
 Z 23s 106.10um 6.7mszX
 ePcP 33 03.50

				eScP	36	48.50				Z	20s	6.40um	6.0Msz		Z	19s	17.75um	6.5Msz
				eS	37	37.20				N	20s	3.60um			TNP	87.59	43 ePc	35 49.01 -0.5
				e	39	48.00							35 38.50 35kmX			1.1s	95.74nm	6.0mb
				eScS	41	05.00						pP	35 51.50		ACX	87.69	69 (P)	36 01.00 10.9X
WRA	44.70	271	P		31	15.10	0.1					PP	38 40.00		KVN	87.71	42 eP	35 50.97 1.0
DRV	0.8s	115.40nm					5.8mb		SSE	84.01	311	ePc	35 30.78 -0.9		TUC	88.08	51 ePc	35 52.62 0.8
	45.18	202	iP		31	17.40	-0.7			Z	20s	6.40um	6.0Msz			1.1s	69.77nm	5.9mb
			S		37	43.00				N	20s	3.60um						
			SSS		41	31.00						ed	35 38.23 24kmX		MDZ	88.10	127 i(P)	35 53.60 1.5
SBA	48.94	184	iPc		31	49.00	1.4					ed	35 39.23		MRX	88.11	66 (P)	35 55.00 3.0X
WARB	49.29	260	eP		31	48.00	-3.0X					sP	35 51.50		MDJ	88.27	325 ePc	35 53.28 1.0
	0.4s	11.00nm					5.2mb					PP	38 40.00			1.5s	210.00nm	6.2mb
COOL	52.62	252	iPd		32	12.50	-3.7X		GCC	84.08	41	iPc	35 31.72 -0.2			Z	26s	12.40um
HON	53.87	22	P		32	40.00	14.7X		PCC	84.19	41	iPc	35 30.79 -1.6				ec	35 55.26
	Z	19s	20.14um				6.2Msz		PHAM	84.20	43	eP	35 35.91 3.3X				epPd	36 00.23 22kmX
HON	53.87	22	P-		32	34.24	9.0X		SAO	84.22	42	iPc	35 34.52 1.9				SKS	46 12.00
	Z	19s	20.14um				6.2Msz		ABL	84.25	45	eP	35 32.72 -0.4		WHN	88.33	307 eP	35 53.20 0.3
			S		40	23.01			PRI	84.25	43	iPc	35 33.30 0.4			Z	20s	9.38um
DHH	53.88	23	P		32	28.00	2.6		YSS	84.31	334	iPc	35 33.31 0.5				sP	36 13.50
KLB	55.22	250	iPd		32	32.30	-3.0X			0.7s	70.00nm		6.0mb		AGX	88.39	64 (P)	36 02.00 8.7X
CSY	56.20	208	P		32	40.79	-1.0			Z	17s	9.80um	6.3MszX		DL2	88.74	317 Pc	35 56.00 1.3
GUA	56.25	314	eP		32	41.00	-1.8			N	18s	9.50um				Z	22s	6.92um
	0.9s	255.46nm					6.3mb			E	17s	9.20um				N	16s	3.78um
BAL	56.36	251	iPd		32	40.60	-2.9X					ec	35 34.63			E	16s	3.78um
MUN	56.38	249	iPd		32	41.00	-2.6X					ec	35 35.79		III	88.79	68 (P)	35 59.00 3.4X
	Z	20s	35.30um				6.5Msz		LLA	84.41	42	iPc	35 34.52 0.9		RTCV	88.89	126 iPc	35 57.50 1.6
	N	20s	22.10um						PKEM	84.53	43	eP	35 36.58 2.4		RTLL	89.24	126 ePc	35 58.70 1.2
	E	20s	19.90um									e	35 49.47 43kmX		KDC	89.41	13 eP	35 56.48 -0.9
MRWA	57.37	252	iPd		32	48.10	-2.6X		BKS	84.53	41	iPc	35 35.21 1.1			1.2s	65.08nm	5.8mb
NANU	60.04	260	eP		33	07.30	-2.0		ZSP	84.57	41	iPc	35 36.89 2.6X		UNM	89.52	68 (P)	35 56.00 -3.1X
	0.5s	29.00nm					5.7mb		ARN	84.57	41	iPc	35 34.51 0.1		SNY	89.53	320 iPc	35 58.00 -0.3
SPA	60.63	180	iPc		33	13.30	0.3		NTYM	84.65	40	P	35 36.20 1.5			1.4s	220.00nm	6.2mb
	1.0s	435.00nm					6.5mb		PLM	84.74	47	eP	35 35.77 0.3			Z	25s	9.40um
	Z	20s	7.93um				5.9Msz		GZH	84.75	300	P	35 35.30 -0.2			N	15s	2.37um
MKS	64.22	279	iPd		33	37.70	0.3		SSK	84.77	46	eP	35 37.13 1.5		ARUT	89.70	45 ePc	36 01.47 2.0
CGP	67.36	295	eP		33	56.00	-1.5		PET	84.84	346	eP	35 36.00 0.7		PPM	89.83	68 (P)	36 08.00 7.1X
TSM	70.56	287	ePc		34	17.00	-0.3			Z	20s	8.00um	6.1Msz		CN2	89.84	322 Pd	36 00.20 0.5
AIA	72.46	156	eP		34	30.50	2.6X			N	20s	7.00um				1.2s	470.00nm	6.6mb
KKM	72.89	287	ePd		34	31.00	-0.4		IPM	85.03	278	ePc	35 35.90 -1.3			Z	22s	9.44um
MAW	73.33	200	iPc		34	32.20	-0.8		PFO	85.16	47	ePc	35 38.11 0.6			N	20s	5.55um
	1.0s	188.00nm					6.1mb			E	22s	4.00um				E	20s	2.23um
	Z	16s	8.00um				6.1MszX		QIZ	85.19	295	P	35 38.00 0.2		TIA	89.84	313 P	36 09.00 27kmX
TGY	73.68	297	ePd		34	34.00	-1.8			E	20s	6.47um				1.5s	280.00nm	6.3mb
CVP	75.18	301	ePc		34	46.00	1.6		ISA	85.25	44	ePc	35 38.18 0.3			Z	28s	26.20um
BCP	75.32	299	eP		34	40.00	-5.2X			1.4s	159.64nm		6.1mb			N	27s	15.30um
PIP	76.46	300	eP		34	55.50	3.8X					epPd	35 44.07 19kmX			E	27s	19.80um
MAT	77.89	325	eP		34	58.00	-1.3					S	35 46.54		BMW	90.05	34 eP	36 00.96 0.2
	2.2s	361.54nm					6.0mb		FRI	85.39	43	iPc	35 38.16 -0.3		IIT	90.07	68 (P)	35 56.00 -5.7X
	Z	20s	8.51um				6.1Msz		FOX	85.43	38	eP	35 36.79 -1.7		SHW	90.34	35 eP	36 02.26 0.1
SHK	79.32	320	ePc		35	05.80	-1.3		EKR	85.47	38	iPc	35 40.21 1.5		MRA	90.54	128 e(P)	36 03.00 -0.4
TATO	79.94	306	ePc		35	09.40	-1.2		FHC	85.63	38	ePc	35 38.05 -1.6		VGB	90.61	36 eP	36 02.53 -0.8
			e		35	15.12	18kmX		CMB	85.70	42	ePc+	35 39.56 -0.5		IISM	90.80	69 (P)	36 05.00 0.3
ERM	80.00	331	ePc		35	11.68	1.1			0.9s	59.58nm		5.8mb		LOE	90.89	289 eP	36 07.00 1.9
			ec		35	13.91	7kmX		SDN	85.75	10	eP	35 39.93 0.2		MSU	90.94	45 ePc	36 05.26 0.0
			ed		35	16.48				Z	20s	3.97um	5.8Msz		LON	90.94	35 eP	36 04.35 -0.5
			ed		35	19.12			GLA	85.86	48	ePd	35 42.31 1.4		GMW	91.02	33 ePc	36 05.06 -0.1
SNA	80.37	178	e(P)		35	11.90	-0.2		MZX	85.94	61	(P)	35 50.50 9.1X		NST	91.34	287 eP	36 10.50 3.3X
	1.0s	370.00nm					6.4mb		GSC	86.04	46	ePc	35 41.93 0.1		RMW	91.44	34 iPc	36 06.36 -0.8
KUR	80.89	336	eP		35	15.50	0.3					epPd	35 48.22 20kmX		PGC	91.49	32 eP	36 08.00 0.8
	1.0s	230.00nm					6.2mb					ec	35 50.62			1.3s	81.00nm	5.9mb
	Z	18s	14.80um				6.4Msz		IHA	86.06	126	eP	35 42.50 0.4		DUG	91.58	44 eP	36 08.00 -0.1
	N	18s	17.70um						ORV	86.11	40	ePc	35 40.86 -1.1			1.3s	22.39nm	5.4mb
	E	18s	5.90um						NJ2	86.16	310	Pc	35 43.20 0.8		ENH	91.63	304 (P)	36 08.41 0.1
			iS		45	30.00				1.2s	47.00nm		5.6mb				ec	36 11.22
			ePS		46	28.00			WDC			S	46 10.00				epPd	36 15.20 21kmX
ADK	81.07	0	eP		35	13.73	-2.2					ePc	35 42.55 -0.1		GYA	91.67	299 iPc	36 08.00 -0.7
	1.0s	166.25nm					6.0mb					epPd	35 49.26 21kmX			1.4s	60.00nm	5.8mb
PAF	81.21	218	iP		35	23.00	6.0X					S	46 27.78			Z	26s	6.99um
			ePP		38	31.00			CGX	86.30	65	(P)	35 47.00 3.4X			N	18s	4.43um
			e		44	13.00			MIN	86.60	39	iPc	35 43.48 -1.1			E	18s	2.13um
			eS		45	47.00			SNG	86.68	280	eP	35 44.70 -0.6		MCW	91.80	33 eP	36 09.78 1.1
			eSS		51	06.00						e	37 45.80 554kmX		TCA	91.94	128 iP	36 09.20 -0.8
			eSSS		51	40.00						eS	46 19.00		KHT	92.19	286 eP	36 11.50 0.4
			e		57	35.00						eS	46 19.00		CRZF	92.30	212 iPc	36 20.00 8.7X
SAP	81.63	331	eP		35	22.00	2.9X					S	46 27.78				ePP	40 03.00
KGM	81.78	277	eP		35	19.50	-1.1					(P)	35 47.00 3.4X				ePPP	42 02.00
OZH	81.98	304	P		35	22.00	0.7					iPc	35 43.48 -1.1				eS	47 24.00
	Z	25s	11.20um				6.1MszX					eP	35 44.70 -0.6				eSP	48 46.00
SMY	82.26	355	eP		35	19.18	-2.9X					e	37 45.80 554kmX				e(SPP)	49 55.00
	2.2s	1116.01nm					6.6mb					e	46 19.00				eSSS	53 34.00
	Z	20s	18.75um				6.4Msz					e	46 19.00				e	58 34.00
PPI	83.09	273	eP		35	28.50	1.1					eS	46 19.00				e	00 38.00
HKC	83.68	300	eP		35	33.00	2.8X		BONR	86.87	43	ePd	35 46.14 0.0		SRU	92.32	46 ePc	36 10.96 -0.6
BCH	83.95	44	eP		35	31.19	-0.2		LBFM	87.14	38	ePc	35 46.61 -0.6		SLKM	92.42	13 ePc	36 10.13 -1.2
PRS	83.96	42	iPc		35	31.93	0.6		TPNV	87.44	45	eP	35 51.97 3.2X					
SSE	84.01	311	P		35	27.50	-4.2X			0.9s	51.16nm		5.8mb					

24d 08h

ALQ 92.55 51 eP+ 36 12.31 -0.4
 1.1s 30.08nm 5.6mb
 Z 18s 9.39um 6.3Msz

ANMO 92.55 51 (P) 36 14.24 1.5
 epPd 36 19.70 17kmX
 EMUT 92.56 45 eP 36 13.41 0.7
 DAU 92.65 44 eP 36 13.05 -0.2
 SPU 92.70 12 eP 36 10.90 -1.7
 8JI 92.75 315 iPc 36 12.83 -0.4
 1.5s 170.00nm 6.2mb
 Z 44s 20.70um 6.2MszX
 N 20s 4.47um
 E 22s 8.21um

CRP 92.76 12 eP 36 11.65 -1.4
 NNA 93.05 105 eP 36 12.50 -2.8
 1.0s 20.00nm 5.5mb
 Z 22s 3.33um 5.7Msz

BDT 93.06 288 eP 36 15.80 0.7
 0.8s 36.30nm 5.9mb
 MGD 93.09 345 ePc 36 12.00 -2.3
 Z 18s 5.00um 6.0Msz
 N 18s 7.60um
 E 18s 4.30um

PMS 93.22 13 eP 36 15.10 0.1
 SIT 93.25 21 P 36 30.00 14.9X
 Z 20s 4.91um 6.0Msz

PTI 93.48 42 ePc 36 17.44 0.6
 DPW 93.50 35 eP 36 15.32 -1.3
 PMR 93.63 13 eP 36 15.69 -1.1
 1.0s 39.47nm 5.8mb
 Z 19s 7.58um 6.2Msz

TTA 93.70 10 ePc 36 16.52 -0.7
 1.3s 25.57nm 5.5mb
 HHA 93.74 41 ePc 36 18.32 0.4
 TIY 93.76 312 Pd 36 19.50 1.4
 Z 25s 17.20um 6.4MszX
 N 14s 4.08um

CHG 93.88 289 eP 36 19.50 0.6
 KMI 93.99 297 Pc 36 20.00 0.4
 1.9s 80.00nm 5.8mb
 Z 24s 11.20um 6.2MszX
 E 19s 6.00um

XAN 94.09 307 P 36 20.60 1.0
 0.7s 7.80nm 5.2mb
 Z 25s 9.99um 6.2MszX
 N 12s 3.11um

LPA 94.11 134 eP+ 36 20.00 0.2
 Z 20s 5.67um 6.0Msz

KLU 94.20 14 eP 36 19.46 -0.1
 MCMT 94.41 40 eP 36 20.20 -0.9
 BALM 94.63 16 eP 36 21.86 0.3
 ARE 95.13 112 eP 36 25.00 -0.2
 GOL 95.93 48 (P) 36 26.64 -1.6
 HHC 96.09 314 eP 36 28.00 -0.7
 1.4s 24.00nm 5.5mb
 Z 40s 32.70um 6.5MszX
 N 23s 6.74um
 E 23s 9.78um

COL 96.89 12 (P) 36 29.85 -1.8
 1.2s 21.17nm 5.6mb
 Z 19s 11.55um 6.4Msz

FBA 96.89 12 eP 36 30.40 -1.3
 1.2s 28.52nm 5.7mb

BTO 96.93 313 P 36 34.00 1.5
 N 25s 11.40um
 E 25s 13.90um

IMA 97.01 9 eP 36 32.30 0.0
 CNCB 97.75 114 eP 36 42.00 4.6X
 LPB 97.81 114 P 36 39.00 1.5
 Z 18s 5.29um 6.1Msz
 SKS 47 15.00

ZOBO 97.92 114 P 36 39.20 1.0
 1.2s 29.73nm 5.7mb

MEO 97.93 55 iPc 36 36.80 -0.2
 LZH 98.71 306 eP 36 43.00 2.3
 2.0s 34.00nm 5.6mb
 Z 26s 8.00um 6.1MszX
 E 19s 4.59um

RSSD 99.17 44 iPc 36 42.83 0.2
 0.8s 15.79nm 5.6mb
 Z 19s 19.16um 6.6Msz

TUL 100.47 55 Pdiff 36 55.00 6.4X
 Z 22s 3.76um 5.9Msz

YAK 100.67 337 ePdiff 36 49.00 0.2
 2.0s 111.00nm 6.1mb

CIT 101.16 324 ePdiff 36 51.50 0.2
 1.0s 47.32.00

MIAR 101.42 57 Pdiff 36 54.16 1.3
 Z 19s 6.12um 6.1Msz

GTA 103.11 308 Pdiff 37 02.50 2.1
 1.5s 17.00nm 5.6mb
 Z 25s 13.10um 6.4MszX
 E 25s 10.50um

BOD 104.12 329 ePdiff 37 03.20 -1.1X
 1.4s 13.00nm 5.6mb

LSA 105.22 296 ePdiff 37 14.00 3.5X
 Z 26s 6.94um 6.1MszX
 N 19s 5.94um

FVM 105.23 55 PKP 41 30.00 5.9X
 Z 19s 6.31um 6.2Msz

SLM 105.65 54 PKP 41 30.00 5.2X
 Z 19s 4.83um 6.1Msz

IRK 106.22 321 ePdiff 37 16.00 2.2
 Z 20s 6.05um 6.1Msz
 N 19s 2.97um
 E 20s 2.72um

JFWS 107.43 50 PKP 41 40.00 12.0X
 Z 18s 7.06um 6.3Msz

TIK 107.59 344 ePdiff 37 21.00 1.6
 2.0s 20.00nm 5.9mb

HYB 110.46 279 ePdiff 37 19.00 -14.5X
 MBC 111.43 13 ePKP 41 34.00 -0.6
 0.9s 8.00nm

CEH 112.77 61 PKP 41 50.00 11.7X
 Z 19s 5.42um 6.2Msz

WMO 113.18 308 ePdiff 37 48.00 2.9X
 Z 26s 9.82um 6.3MszX
 E 18s 6.52um

MCWV 113.50 57 PKP 41 50.00 10.3X
 Z 19s 9.40um 6.4Msz

POO 114.98 278 ePKP 41 45.50 2.3X
 NDI 116.03 290 ePdiff 38 10.00 12.0X
 ELT 116.80 318 ePKP 41 43.00 -2.5
 1.0s 56.00nm
 Z 16s 2.50um 5.9MszX

UKR 117.15 315 ePKP 41 43.00 -3.2X
 1.6s 61.00nm

LVNJ 117.56 57 ePKP 41 46.88 -0.5
 RSNY 118.71 53 PKP 42 00.00 10.5X
 Z 19s 4.94um 6.2Msz

PRY 119.05 205 ePKP 41 42.50 -8.4X
 1.0s 25.00nm

PRZ 119.31 305 iPKP 41 50.50 -0.4
 2.0s 150.00nm

SLR 119.82 207 ePKP 41 55.00 2.7X

KSH Z 18s 4.47um 6.1Msz
 120.32 301 PKP 41 52.00 -0.9
 Z 22s 9.06um 6.4Msz
 E 12s 5.80um

HRV 120.32 56 PKP 41 55.36 2.8X
 Z 18s 17.10um 6.7Msz

PDCR 121.89 130 ePKP 41 53.00 -3.3X
 FRU 122.10 304 iPKP 41 54.30 -1.7
 3.0s 450.00nm

BUL 124.66 210 iPKPc 42 01.10 -0.7
 1.0s 46.10.00

QUE 124.99 288 ePKP 42 01.20 -1.0
 1.1s 105.00nm

LMN 125.70 53 ePKP 42 04.00 1.1
 BRVK 126.29 316 iPKPc 42 02.00 -1.8
 1.1s 105.00nm

KRI 127.10 213 ePKP 42 08.00 1.4
 1.0s 46.10.00

KBS 130.36 358 ePKP 42 26.50 15.7X
 SVE 131.62 321 iPKPd 42 09.00 -4.8X
 2.5s 120.00nm

MAIO 132.44 294 iPKPd 42 16.80 0.6
 1.0s 44.40.00

ARU 132.80 321 ePKP 42 16.00 0.0
 2.4s 600.00nm
 Z 20s 7.50um 6.4Msz
 N 20s 3.50um
 E 20s 4.00um

ASH 133.57 296 ePKP 42 16.00 -2.1
 1.0s 44.42.00

NAI 135.30 233 PKP 42 22.00 -0.4
 Z 20s 5.21um 6.3Msz

KAT 135.32 297 iPKP- 42 24.00 2.6X
 1.0s 42.31.00

SHI 136.97 283 ePKP 42 22.00 -3.1X
 KEV 137.42 348 ePKP 42 23.00 -1.4
 APA 137.81 343 iPKPd 42 27.10 1.9
 ARO 138.63 253 ePKPd 42 31.70 3.3X

KTk1 138.73 349 ePKP 42 26.16 -0.7
 SDF 139.52 346 iPKP 42 23.00 -5.3X
 LWI 139.74 223 iPKPd 42 28.20 -2.4
 BAK 140.26 299 iPKPd 42 26.00 -4.5X
 RYD 140.82 274 ePKPd 42 36.00 3.9X
 SHE 141.22 299 iPKPc 42 27.00 -5.2X
 1.0s 60.00nm

Z 20s 10.00um 6.6Msz
 N 20s 12.00um
 E 20s 12.00um

MAK 141.96 303 ePKP 42 31.00 -2.4
 1.0s 58.10.00

KER 142.26 289 e(PKP) 42 30.00 -4.5X
 GRS 143.03 297 iPKPc 42 31.00 -4.6X
 1.9s 190.00nm

TAB 143.06 295 ePKP 42 32.00 -3.7X
 GRO 143.20 304 iPKPd- 42 33.00 -2.5
 1.0s 160.00nm

Z 22s 3.00um 6.0Msz
 N 18s 3.00um
 E 18s 3.00um

QASM 143.87 275 ePKP 42 38.00 0.7
 KAF 143.94 341 iPKP 42 31.60 -4.6X
 0.9s 82.90nm

MOS 143.97 327 iPKPd 42 33.00 -3.5X
 2.5s 1200.00nm

MTA 144.04 301 iPKPc 42 33.80 -3.2X
 1.0s 150.00nm

		e	05 10.00			i	46 51.00		E 20s	5.20um		
ERE	144.40	299 iPKP+	42 36.00	-1.9		e	49 51.00			e	43 00.00	
	2.0s	20.00nm				e	12 21.00			e	43 02.60	
PUL	144.47	336 (PKP)	42 35.00	-2.2	NAL	154.35	302 ePKP	43 01.20 8.0X		i	43 33.00	
	1.8s	720.00nm			CLI	154.41	318 ePKP	43 04.50 11.6X	GRF	158.86	345 ePKP	42 59.30 0.9
Z 20s		7.90um		6.5Msz	PPCY	154.43	290 ePKP	43 02.80 9.6X	Z 22s		6.00um	6.4Msz
N 20s		4.30um			CFR	154.60	315 ePKPd	42 57.50 4.4X		e	43 35.30	
E 20s		3.70um			PTT	154.71	320 ePKP	43 05.00 11.8X	TNS	158.89	350 ePKPd	43 00.00 1.5
OBN	144.80	326 iPKPc+	42 36.20	-1.7	GYN	154.73	303 ePKP	43 04.70 11.0X		ec	43 14.80	
	2.0s	2400.00nm			BRD	155.10	317 ePKP	43 02.00 8.2X		ed	43 36.50	
		i	42 47.00		DCN	155.11	14 ePKP	43 10.00 16.5X	GEC2	158.96	339 PKP	42 57.00 -1.7
		e	49 40.00		VRI	155.11	318 ePKP	43 04.50 10.7X		1.1s	9.50nm	
		eSS	04 37.00		HLW	155.16	278 ePKP+	42 54.00 -0.4	SNF	159.01	357 PKP	43 10.10 11.6X
PYA	144.97	306 iPKPc	42 37.00	-1.6	DLF	155.31	13 ePKP	42 14.00 20.2X	DOU	159.42	357 PKP	43 01.50 2.5X
Z 22s		6.00um		6.3Msz	OJC	155.65	333 ePKP	42 54.30 -0.1		e	43 37.30	
		i	49 16.00				e	43 04.00	KMR	159.52	338 ePKP	42 59.00 -0.2
		iPPS	58 30.00		LIC	155.69	161 PKP	42 37.84 -17.7X		i	43 37.00	
KIV	145.24	306 ePKPc	42 37.75	-1.5	ITU	155.73	305 iPKPc	43 00.00 5.2X	WLF	159.73	354 PKPc	43 03.00 3.7X
		ec	42 39.40		UZH	155.74	327 iPKP	42 58.00 3.4X	PAIG	159.94	307 ePKP	42 56.66 -3.2X
		ec	42 40.65				e	43 07.00	VAY	160.05	311 ePKP	42 59.00 -0.9
		epP'df	42 44.04				e	46 54.00		1.3s	193.00nm	
NUR	145.71	341 iPKP	42 38.40	-0.9			ePPP	50 35.00			i	43 39.10
RGS	146.13	354 ePKP	42 49.70	9.8X			e	00 84.00	BHG	160.22	339 ePKP	43 00.20 0.2
MOL	146.81	356 ePKP	42 41.60	0.6	MLR	155.77	317 ePKPc	42 55.00 0.0		i	43 41.40	
SOC	147.43	306 iPKP	42 42.00	-0.6	BRNL	155.81	344 ePKP	42 56.00 1.5	SKO	160.43	314 i(PKP)	42 58.90 -1.4
	2.0s	700.00nm			KIC	155.90	162 PKP	42 37.50 -18.4X		1.5s	575.00nm	
Z 20s		5.60um		6.3Msz	BUC	156.25	315 ePKP	43 00.00 4.6X	Z 19s		7.71um	
N 21s		2.40um			SPC	156.26	331 ePKP	42 56.10 0.5		i	43 14.50	
E 20s		2.00um			KSP	156.40	338 ePKP	42 54.80 -0.6		i	43 41.20	
		ePPP	49 36.00			0.8s	200.00nm			i	43 59.00	
		e	49 48.00				i	43 02.00		i	44 15.60	
		eSS	05 04.00				i	43 20.20		i	47 25.00	
FQO	147.90	358 ePKP	42 45.04	2.3X			i	43 34.40		i	47 54.00	
NB2	147.99	352 PKP	42 42.20	-0.8	WIT	156.56	354 ePKP	42 57.50 2.0		i	51 20.00	
	1.1s	189.30nm			COZ	156.80	319 ePKPd	42 58.50 2.1X		LR	01 10.00	
UPP	148.04	346 iPKP	42 44.40	1.4	CLL	156.93	343 ePKP	42 53.00 -3.1X	KBA			

24d 08h

1.4s 50.95nm
 LBF 162.55 357 ePKP 43 02.00 -0.4
 AVF 162.77 359 ePKP 43 01.90 -0.6
 1.3s 27.80nm
 MFF 162.81 7 ePKP 43 02.30 -0.2
 1.3s 37.55nm
 MDI 162.88 343 PKP 43 18.20 15.6X
 SMF 162.90 357 ePKP 43 02.00 -0.7
 1.4s 53.15nm
 VAI 163.02 345 PKP 43 01.90 -0.8
 TCF 163.27 1 ePKP 43 02.70 -0.4
 1.7s 72.05nm
 ORO 163.41 347 PKP 43 17.30 14.0X
 LPL 163.74 350 ePKP 43 03.60 -0.2
 1.4s 25.25nm
 LPG 163.75 350 ePKP 43 03.60 -0.3
 1.2s 14.00nm
 ARV 163.84 332 PKP 43 04.80 1.1
 STS 163.89 31 ePKP 43 00.91 -2.8X
 SFI 163.90 336 PKP 43 05.40 1.7
 RJF 164.23 3 ePKP 43 03.60 -0.4
 1.3s 28.15nm
 Z 19s 3.88um

FIR 164.24 337 ePKP 43 05.00 1.0
 ERUA 164.90 29 ePKP 43 04.84 0.1
 ECRI 166.29 16 ePKP 43 16.55 10.7X
 EPLA 167.26 32 ePKP 43 05.92 -0.8
 GUD 167.58 25 ePKP 43 07.07 0.1
 PAB 168.44 28 iPKPd 43 09.50 1.9
 ePKK 44 27.50
 IPP 48 25.00

EVAL 168.75 42 ePKP 43 07.66 0.0
 ANTZ 168.94 92 iPKP 43 12.00 3.9X
 i 43 21.00
 i 44 20.00

EHOR 169.40 37 ePKP 43 07.92 -0.1
 EBAN 169.84 30 ePKP 43 18.90 10.6X
 EVIA 169.94 24 ePKP 43 08.45 -0.1
 EPRU 170.04 40 ePKP 43 11.76 3.2X
 EJIF 170.26 43 ePKP 43 11.05 2.4X
 AVE 170.56 64 ePKP 43 04.50 -4.3X
 i 43 09.50

ECOG 170.66 33 ePKP 43 08.84 -0.1
 EALH 171.01 21 ePKP 43 09.67 0.7
 EGUA 171.02 34 ePKP 43 10.32 1.3
 TIO 171.25 78 iPKP 43 11.50 2.1
 i 43 25.00

ENIJ 171.52 28 ePKP 43 09.04 -0.1
 IFR 172.21 57 iPKP 43 11.00 1.2
 S.D. = 1.2 on 281 of 458 obs.

OCT 24, 1992 09h 11m 17.27±0.60s
 42.285 N ± 5.3km 19.420 E ± 5.1km
 DEPTH = 9.9 ± 7.0 km
 NORTHWESTERN BALKAN REGION (383)
 ML 2.4 (TTC).

TTG 0.19 321 iPg 11 22.30 0.9
 iSg 11 26.32

ULC 0.35 202 iPg 11 24.02 -0.4
 iSg 11 29.63

BDV 0.44 270 iPg 11 26.32 0.1
 iSg 11 33.14

PVY 0.51 53 iPg 11 27.32 -0.4
 iSg 11 35.58

NKY 0.61 330 iPg 11 29.03 -0.7
 iSg 11 38.83

IVA 0.68 31 iPg 11 30.54 -0.4
 iSg 11 41.14

HCY 0.70 284 iPg 11 31.03 -0.1
 iSg 11 41.57

BRY 0.89 314 iPg 11 34.44 -0.1
 iSg 11 48.25

PLE 1.04 359 iPg 11 37.18 0.1
 iSg 11 52.97

SKO 1.53 101 e(Pn) 11 45.50 0.8
 S.D. = 0.6 on 10 of 10 obs.

% OCT 24, 1992 09h 23m 00.11±1.15s
 39.012 N ± 8.6km 27.701 E ± 13.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

IZM 0.70 209 iPg 23 14.00 0.0
 iSg 23 25.50

KCT 1.34 22 ePn 23 25.40 0.7
 EDC 1.34 5 ePn 23 24.50 -0.3

EZN 1.34 308 ePn 23 25.00 0.2
 BNT 1.35 7 iPn 23 24.40 -0.6
 S.D. = 0.7 on 5 of 5 obs.

OCT 24, 1992 09h 26m 37.28±0.28s
 5.333 S ± 4.5km 152.633 E ± 8.4km
 DEPTH = 33.0km (normal)
 5.0mb (22 obs.) 5.6Msz (1 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

PMG 6.77 233 eP 28 19.00 2.1
 eS 29 37.00

CTA 15.92 202 P 30 27.00 6.3X
 QIS 19.73 219 iPd 31 06.90 -0.4
 0.5s 3.00nm 3.9mb X

GUA 20.26 338 eP 31 13.50 0.7
 0.8s 191.04nm 5.5mb

DZM 21.34 143 iPc 31 25.60 1.6
 RMQ 21.36 190 iPc 31 24.00 -0.1

BRS 21.94 180 iPd 31 30.50 0.6
 1.0s 10.00nm 4.2mb

QLP 22.60 200 eP 31 37.10 0.7
 0.4s 23.00nm 5.0mb

WRA 22.97 229 P 31 49.79 9.7X
 ARMA 24.97 182 eP 32 00.60 1.1

ASPA 25.65 223 iPd 32 05.80 -0.1
 0.7s 23.80nm 4.9mb

CMS 26.79 193 eP 32 15.20 -1.1
 STK 28.36 200 P 32 30.10 -0.4

BWA 29.21 187 eP 32 36.00 -2.2
 CAN 30.03 186 eP 32 44.70 -0.8

WARB 32.35 227 eP 33 05.50 -0.5
 BFD 33.01 195 iPc 33 10.40 -1.2

1.0s 14.00nm 4.8mb
 CN2 54.71 336 eP 36 07.00 1.3

1.0s 3.70nm 4.4mb
 XAN 56.89 317 P 36 20.50 -1.1

0.8s 11.00nm 4.9mb
 CHG 58.07 296 eP 36 30.00 -0.1

59 12.50
 CD2 58.96 311 eP 36 35.40 -0.8

BTO 60.12 324 eP 36 43.50 -0.6
 LZH 61.49 316 P 36 53.50 -0.1

1.4s 26.00nm 5.2mb
 pP 37 03.00 31kmX

GTA 65.93 317 eP 37 22.70 0.1
 1.0s 9.00nm 4.8mb

pP 37 30.00 23kmX
 YAK 69.44 349 eP 37 44.00 0.1

1.2s 40.00nm 5.4mb
 ZAK 69.86 329 iPc 37 46.50 -0.2

1.2s 18.00nm 5.0mb
 BOD 70.19 339 eP 37 47.20 -1.4

1.1s 10.00nm 4.8mb
 WMQ 76.02 317 P 38 23.00 -0.2

1.0s 8.40nm 4.7mb
 HYB 76.51 289 eP 38 27.00 0.6

SVW 77.37 23 eP 38 31.30 0.9
 TTA 78.32 21 eP 38 36.10 0.5

TIK 78.39 353 eP 38 37.00 1.3
 SLKM 79.22 25 eP 38 39.19 -1.3

PMS 79.88 25 eP 38 43.50 -0.6
 1.1s 48.30nm 5.4mb

PMR 80.24 24 eP 38 44.58 -1.3
 0.9s 16.45nm 5.0mb

iPcP 38 53.96
 ELT 80.44 326 eP 38 47.00 -0.1

1.2s 26.00nm 5.1mb
 IMA 81.01 19 ePc 38 49.73 -0.4

1.2s 16.05nm 4.9mb
 KLU 81.53 25 eP 38 52.54 -0.3

TOA 81.71 25 eP 38 54.20 0.5
 FBA 82.44 22 ePc 38 56.01 -1.4

0.8s 13.62nm 5.1mb
 e 39 05.06

BALM 82.88 26 eP 39 00.70 0.8
 KSH 83.13 311 P 39 05.00 3.3X

1.0s 70.00nm 5.7mb
 Z 18s 2.20um 5.6Msz

BRW 83.32 15 eP 39 02.50 0.7
 FRU 84.86 314 eP 39 12.00 1.8

2.0s 40.00nm 5.3mb
 e 39 28.00

BRVK 89.63 323 eP 39 32.00 -1.0
 1.1s 8.00nm 4.9mb

MBC 94.67 14 eP 39 56.00 0.2
 GEC2 124.42 328 PKP 45 35.40 0.6

SIV 140.48 123 ePKP 46 00.00 -6.0X
 TRN 145.90 79 ePKP 46 06.00 -9.4X

VAO 145.94 147 (PKP) 46 17.00 1.6
 BAO 150.83 136 PKPd 46 30.60 7.4X

e 46 34.90
 e 46 37.00
 e 46 39.00

e 46 43.10
 e 46 46.30
 e 46 48.90

BDF 150.87 136 PKPc 46 32.90 9.6X
 e 46 39.90
 S.D. = 1.0 on 45 of 52 obs.

% OCT 24, 1992 09h 26m 40.61±0.70s
 44.455 N ± 6.1km 7.285 E ± 8.1km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)

ML 1.8 (GEN).

PZZ 0.14 291 P 26 44.28 0.2
 S 26 46.34

STV 0.21 172 P 26 45.01 -0.3
 S 26 48.03

ENR 0.25 157 P 26 45.79 -0.2
 S 26 49.09

BHB 0.39 358 P 26 48.35 -0.2
 ROB 0.45 111 P 26 49.86 0.1

S 26 55.95
 IMI 0.70 141 P 26 54.76 0.3
 S.D. = 0.3 on 6 of 6 obs.

* OCT 24, 1992 09h 44m 44.53±0.75s
 5.443 S ± 10.7km 152.710 E ± 15.2km
 DEPTH = 33.0km (normal)
 4.5mb (3 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB 1.36 336 iPc 45 09.30 2.0
 0.5s 394.37nm

iS 45 35.00
 PMG 6.77 234 eP 46 24.00 -0.2

DZM 21.21 143 iPc 49 31.90 2.0
 RMQ 21.27 190 eP 49 30.50 0.1

1.2s 25.00nm 4.5mb
 WRA 22.96 229 P 49 48.00 0.8

ASPA 25.62 223 iPd 50 11.50 -1.4
 1.2s 9.90nm 4.3mb

SLKM 79.28 25 eP 56 46.66 -1.5
 FBA 82.51 22 eP 57 03.32 -1.7

0.9s 5.67nm 4.6mb
 BALM 82.94 26 eP 57 07.69 0.2

GEC2 124.55 328 PKP 03 41.90 -0.4
 0.7s 0.67nm

BAO 150.69 136 PKPd 04 35.00 4.7X
 e 04 36.80

e 04 41.90
 S.D. = 1.5 on 10 of 11 obs.

OCT 24, 1992 10h 30m 32.87±1.06s
 24.332 S ± 6.3km 68.233 W ± 10.2km
 DEPTH = 69.5 ± 10.3 km
 4.7mb (10 obs.)

CHILE-ARGENTINA BORDER REGION (127)

SLA 2.53 100 ePd 31 14.80 2.2
 S 31 51.00

CYA 4.64 152 eP 31 41.00 -1.1
 RTLL 6.97 182 iPd 32 09.00 -5.6X

CNCB 7.49 2 P 32 22.70 0.5
 RTCV 7.51 182 iPc 32 16.50 -5.5X

TCA 7.69 156 iP 32 20.40 -4.1X
 LPB 7.76 1 P 32 27.00 1.1

1.0s 360.00nm 6.1mb X
 LR 35 16.00

MRA 8.35 165 eP 32 29.00 -4.5X
 ARE 8.40 338 eP 32 30.00 -4.6X

MDZ 8.54 184 eP 32 35.10 -1.1
 IHA 9.16 198 eP 32 40.00 -4.7X

e(S) 34 30.00
 SIV 10.68 40 P 33 04.00 -1.4

VAO 19.52 90 eP 34 53.80 -3.8X
 BAO 20.88 69 Pd 35 10.00 -1.6

e 35 12.00
 e 35 17.00

BDF	20.94	69	Pd	35 12.10	-0.2	BRS	26.51	268	iPd	52 54.00	0.0	LRM	95.47	39	eP	00 41.00	0.3
				35 23.00			0.5s		7.00nm		4.6mb	GOL	96.09	47	P	00 50.00	6.2X
				35 25.20		ARMA	26.99	261	eP	53 01.90	3.4X	Z	21s		0.57um		5.0Msz
				35 31.20		CNB	28.65	250	eP	53 15.80	2.3	FBA	97.26	12	eP	00 47.99	-0.1
				35 36.80			1.0s		32.00nm		5.1mb		0.6s		1.86nm		4.9mb
				35 40.50		CAN	28.95	250	eP	53 19.30	3.2X	RSSD	99.36	44	eP	00 57.80	-0.5
				35 42.00		BWA	29.43	252	eP	53 20.80	0.4		1.0s		6.53nm		5.2mb
				35 12.10		RMQ	30.21	268	eP	53 28.80	1.3	Z	20s		0.11um		4.4Msz
				35 13.70			0.7s		45.00nm		5.4mb	MIAR	101.52	57	Pdiff	01 20.00	11.9X
				35 15.10		CMS	31.80	258	eP	53 42.00	0.6	Z	18s		0.29um		4.8Msz
				35 18.80		TOO	31.85	246	eP	53 43.00	1.2	FVM	105.35	55	Pdiff	01 40.00	14.9X
				35 21.00			1.1s		82.00nm		5.6mb	Z	18s		1.08um		5.4Msz
				35 26.00		QLP	34.10	266	eP	54 02.00	0.5	CEH	112.84	61	PKP	06 10.00	16.7X
JSC	59.59	348	eP	40 29.49	-2.1		0.3s		23.00nm		5.6mb	Z	22s		0.41um		5.0Msz
LHS	59.69	348	eP	40 31.61	-0.7	BFD	34.19	247	eP	54 03.00	0.9	RSNY	118.84	53	PKP	06 20.00	15.5X
CEH	60.77	350	eP	40 39.18	-0.5		1.2s		30.00nm		5.1mb	Z	19s		0.29um		4.9Msz
	0.9s			24.34nm	5.3mb	CTA	34.49	278	P	54 06.00	1.1	HRV	120.43	56	PKP	06 20.00	12.4X
MIAR	63.30	337	iPc	40 54.93	-1.7	STK	35.33	256	P	54 13.50	1.5	Z	18s		0.63um		5.3Msz
	0.8s			6.19nm	4.7mb	ADE	37.38	251	e(P)	54 27.80	-1.5	KSH	120.65	301	ePKP	06 03.50	-4.8X
ELC	64.40	342	eP	41 02.16	-1.6	ASPA	43.90	266	iPd	55 22.00	-1.2	FRU	122.45	304	ePKP	06 10.00	-1.5
FVM	65.40	341	eP	41 08.88	-1.3		0.6s		19.00nm		5.1mb	BRVK	126.68	316	iPKPd	06 18.00	-1.3
	0.7s			21.45nm	5.2mb	WRA	44.85	271	P	55 29.50	-1.4		1.6s		19.00nm		
SPA	65.81	180	iPc	41 12.80	0.0		0.8s		15.60nm		5.0mb	MAIO	132.74	293	ePKP	06 32.00	0.5
	0.7s			4.30nm	4.5mb	WARB	49.36	260	eP	56 04.00	-2.2X	GRS	143.34	297	ePKP	06 45.00	-6.0X
RSNY	68.78	355	iPc	41 31.83	0.4	HON	54.19	22	P	56 50.00	7.6X		1.4s		30.00nm		
	0.6s			6.44nm	4.7mb	Z	20s		0.47um		4.5Msz	KAF	144.37	341	iPKP	06 49.60	-2.2X
KIC	68.93	72	P	41 33.20	0.3	CSY	55.90	208	P	57 07.19	12.8X	MOS	144.39	326	ePKP	06 42.00	-10.0X
ALO	69.20	327	eP	41 34.54	0.1	SPA	60.22	180	iPd	57 29.00	4.0X				e	06 48.00	
	1.1s			13.40nm	4.8mb		0.9s		16.36nm		5.2mb	ERE	144.72	298	iPKP	06 51.00	-2.2X
TUC	69.44	322	iPc	41 35.75	-0.1	CGP	67.66	295	eP	57 56.50	-17.7X		1.6s		18.00nm		
	1.3s			13.87nm	4.7mb	MAW	73.00	200	P	58 58.70	12.9X				e	13 18.00	
SRU	74.48	327	eP	42 05.93	0.2	MAW	73.00	200	iPd	58 47.80	2.0	OBN	145.22	326	iPKPd	06 51.00	-2.4X
MSU	74.86	326	eP	42 08.57	0.6		1.0s		25.00nm		5.3mb		1.6s		240.00nm		
ARUT	74.98	324	eP	42 09.89	1.3	MAT	78.31	325	eP	59 19.00	2.7X				e	07 03.00	
EMUT	75.16	327	eP	42 10.64	0.9		1.2s		21.88nm		5.1mb	PYA	145.32	305	iPKPc	06 52.00	-2.0X
RSSD	75.61	334	eP	42 11.97	-0.1	SMY	82.68	355	P	59 40.00	0.9		1.3s		150.00nm		
	0.6s			4.64nm	4.6mb	Z	21s		1.63um		5.4Msz				i	07 05.00	
DAU	75.84	328	eP	42 13.32	-0.3	BCH	84.14	44	eP	59 47.05	-0.1	NUR	146.14	341	iPKP	06 53.80	-1.0
DUG	76.45	326	eP	42 17.92	1.1	YSS	84.74	334	eP	59 46.70	-3.0X	NB2	148.41	352	PKP	06 59.80	1.3
	0.7s			1.99nm	4.2mb		Z	19s	0.50um		4.9Msz		0.8s		8.20nm		
BW06	76.87	330	eP	42 18.29	-1.0	E	18s		0.30um			UPP	148.47	346	iPKP	07 02.00	3.5X
	1.0s			3.33nm	4.2mb	PLM	84.91	47	eP	59 51.38	0.2	HFS	148.94	350	ePKP	07 00.50	1.2
BCH	76.91	319	eP	42 19.52	0.1	IPM	85.23	278	ePd	59 52.00	-1.0		0.8s		16.90nm		
LRM	80.54	330	eP	42 40.50	1.3	ISA	85.44	44	eP	59 53.81	0.2	Z	17s		174.00um		7.9MszX
ORV	80.68	321	eP	42 40.90	1.2		0.8s		9.09nm		5.0mb				LR	03 48.00	
MAW	81.45	163	P	42 44.40	1.1	Z	18s		0.72um		5.1Msz	BCAO	150.63	213	ePKPd	07 03.40	0.1
LBFM	82.10	322	eP	42 47.06	-0.3	CMB	85.91	41	eP	59 55.40	-0.5		0.6s		14.00nm		
DPW	84.72	329	eP	43 01.24	1.0		0.9s		13.51nm		5.1mb				ic	07 08.20	
ASPA	127.68	206	iPKPd	49 31.80	-0.6	Z	19s		1.00um		5.2Msz	KVT	150.97	302	iPKP	07 10.00	6.9X
	1.1s			4.50nm		GLA	86.02	48	eP	59 57.30	0.8	HRI	151.89	285	ePKP	07 10.70	5.9X
WRA	130.81	208	PKP	49 38.50	0.1	SDN	86.13	9	P	00 00.00	3.6X	BHL	151.98	287	PKP	07 08.00	3.1X
	0.3s			2.40nm		Z	20s		3.97um		5.8Msz	DSI	152.08	282	ePKP	07 11.10	6.2X
GBA	145.91	102	PKP	50 08.00	2.0	GSC	86.22	45	eP	59 57.67	0.2	PRNI	152.28	279	ePKP	07 11.50	6.2X
HYB	148.27	96	ePKP	50 14.80	5.0X	ORV	86.33	40	eP	59 57.84	0.0	RMN	152.61	279	ePKP	07 12.20	6.3X
MAT	154.25	304	(PKP)	50 28.00	9.9X	WDC	86.48	38	eP	59 58.50	0.0	CSS	153.88	289	ePKP	07 15.00	7.6X
GKN	155.40	76	PKP	50 26.00	6.0X		1.0s		19.07nm		5.2mb	OJC	156.07	333	ePKP	07 18.30	8.4X
DMN	155.83	77	PKP	50 25.80	5.0X	Z	19s		0.86um		5.1Msz	UZH	156.16	327	ePKP	07 20.00	10.0X
KKN	155.97	76	PKP	50 27.20	6.3X	NJ2	86.53	310	eP	00 00.00	1.0		1.0s		31.00nm		
	S.D. = 1.1 on 36 of 48 obs.					BONR	87.07	43	eP	00 01.52	-0.3				e	07 32.20	
OCT 24, 1992 11h 47m 14.49±0.24s						LBFM	87.37	38	eP	00 02.92	-0.2	MLR	156.17	317	ePKP	07 10.00	-0.3
29.944 S ± 5.6km 177.113 W ± 5.4km						TPNV	87.63	44	(P)	00 06.89	2.5X	KSP	156.83	338	ePKP	07 10.00	-0.8
DEPTH = 10.0km (geophysicist)							0.6s		9.76nm		5.3mb				e	07 20.00	
5.1mb (21 obs.) 5.1Msz (17 obs.)						TUC	88.23	51	eP	00 07.75	0.5				e	07 39.20	
KERMADEC ISLANDS, NEW ZEALAND (178)							0.9s		9.58nm		5.1mb	CLL	157.36	343	ePKP	07 21.00	9.6X
Felt (III) on Raoul Island.						Z	18s		0.48um		4.9Msz				i	07 40.40	
RAO	0.98	314	iPc	47 32.00	-1.1	MDJ	88.69	325	eP	00 06.00	-3.1X	BRG	157.51	341	ePKP	07 10.80	-0.8
URZ	9.58	208	eP	49 31.80	-3.5X	ARUT	89.89	45	eP	00 15.02	-0.1		2.0s		44.00nm		
				51 21.70		SNY	89.93	320	Pc	00 15.00	0.0				i	07 42.20	
SVA	12.45	340	eP	50 13.70	-0.8	CN2	90.25	322	Pd	00 15.00	-1.4	ZST	158.75	333	ePKP	07 14.30	1.2
MTW	12.70	206	eP	50 10.10	-7.7X		1.4s		76.00nm		5.8mb				e	07 46.80	
BLW	12.89	206	eP	50 15.50	-4.9X	SHW	90.59	35	eP	00 18.61	0.5						
MOW	13.02	206	eP	50 16.70	-5.4X	VGB	90.85	36	eP	00 18.73	-0.5						
MRW	13.08	208	P	50 23.20	0.4	MSU	91.12	45	ePd	00 21.64	0.8						
				52 40.00		GMW	91.28	33	eP	00 20.85	-0.3						
TCW	13.24	210	eP	50 18.70	-6.3X	RMW	91.69	34	eP	00 21.66	-1.4						
THZ	14.29	212	eP	50 37.70	-1.2	SRU	92.51	46	iPd	00 27.26	0.1						
				53 10.20		ALO	92.69	51	eP	00 27.95	-0.2						
KHZ	14.54	209	eP	50 37.90	-4.2X		0.8s		4.60nm		4.9mb						
				53 13.00		Z	18s		0.68um		5.1Msz	TWC	0.58	348	ePd	28 22.70	-0.2
LTZ	15.39	211	eP	50 47.70	-5.5X	HHA1	93.95	41	eP	00 33.88	0.2						
DZM	16.72	294	iPd	51 14.20	3.8X	PMR	93.99	13	P	00 40.00	6.8X	TWQ	1.07	283	iPc	28 22.40	-9.0X
LMZ	17.51	215	eP	51 17.40	-2.7X		Z	20s	0.50um		5.0Msz				eS	28 33.50	
BWZ	17.83	212	eP	51 22.50	-1.6	TIY	94.14	311	eP	00 35.00	0.4	TWZ	1.11	341	eP	28 32.30	0.2
ODZ	17.90	209	eP	51 23.20	-1.8		Z	24s	0.94um		5.2MszX	TWK	1.57	241	ePc	28 39.80	0.5
TUZ	19.06	209	eP	51 38.90	-0.3	BW06	95.28	43	eP	00 40.70	0.7	TWM1	1.87	230	eP	28 43.00	-0.6
							1.2s		2.97nm		4.6mb	WRA	45.				

24d 12h

0.9s 1.50nm 3.9mb
S.D. = 0.6 on 5 of 6 obs.

? OCT 24, 1992 12h 36m 39.38±1.14s
38.430 N ±23.8km 142.215 E ±19.4km
DEPTH = 33.0km (normol)
4.5mb (4 obs.)

NEAR EAST COAST OF HONSHU, JAPAN(228)

MAT	3.70	241 eP	37	35.00	-0.7
CHG	42.26	255 eP	44	34.40	3.1X
FBA	47.59	33 eP	45	34.70	21.3X
WRA	58.53	189 P	46	23.60	-11.3X
	0.6s	4.50nm			
GBA	61.96	265 P	47	00.00	1.4
KAF	67.36	333 iP	47	33.70	0.7
	0.3s	2.10nm			4.7mb
NEW	68.69	45 eP	47	47.00	5.4X
NUR	69.02	332 iP	47	42.80	-0.5
	0.2s	3.00nm			5.0mb
LRM	72.71	45 eP	48	10.10	3.9X
HFS	73.08	336 eP	48	06.70	-1.0
	0.4s	1.40nm			4.3mb
NB2	73.15	337 P	48	08.20	0.0
	0.4s	1.40nm			4.3mb
SRU	78.02	49 eP	48	36.02	-0.3
PV10	79.38	49 eP	48	44.20	0.3

S.D. = 0.9 on 8 of 13 obs.

* OCT 24, 1992 12h 37m 47.65±0.67s
1.419 N ±12.2km 129.234 E ±19.4km
DEPTH = 33.0km (normol)
5.0mb (8 obs.)

HALMAHERA, INDONESIA (267)

OIS	24.09	156 iPd	43	01.00	-0.3
	0.4s	3.00nm			4.2mb
ASPA	25.34	170 eP	43	11.60	-1.8
	1.2s	24.70nm			4.7mb
WARB	27.55	185 eP	43	36.00	2.3
KMI	34.77	315 P	44	39.00	1.4
	1.5s	40.00nm			5.1mb
MAT	35.92	12 eP	44	46.00	-1.0
	1.2s	25.00nm			5.0mb
ARMA	38.18	148 eP	45	06.60	0.4
	0.6s	9.00nm			4.8mb
BJI	40.23	344 eP	45	24.00	1.1
	1.4s	48.00nm			5.1mb
LZH	41.76	329 iPd	45	37.00	1.3
	1.4s	92.00nm			5.3mb
GUN	49.10	307 P	46	34.44	-0.2
	0.5s	43.00nm			5.7mb
PKI	49.34	306 P	46	35.84	-0.6
KKN	49.53	306 P	46	37.24	-0.6
DMN	49.60	306 P	46	38.24	-0.2
GKN	50.14	306 P	46	41.98	-0.4
HYB	52.26	291 eP	46	57.00	-1.4

S.D. = 1.3 on 14 of 14 obs.

? OCT 24, 1992 12h 54m 21.99±3.81s
31.516 N ±86.8km 130.083 E ±37.0km
DEPTH = 94.8 ±18.1 km
4.6mb (8 obs.)

KYUSHU, JAPAN (235)

SSE	7.62	269 P	56	12.50	0.4
	1.0s	27.00nm			4.8mb
MAT	8.40	51 iPc	56	22.70	-0.1
	0.7s	8.22nm			4.6mb
BJI	14.12	311 eP	57	52.00	13.2X
	1.4s	191.00nm			
LZH	22.25	289 Pd	59	15.00	3.0X
	1.0s	37.00nm			4.7mb
GUN	38.37	276 P	01	35.24	-0.7
KKN	38.91	276 P	01	39.88	-0.4
KAF	68.69	331 iP	05	17.40	0.6
	0.6s	5.20nm			4.6mb
NUR	70.15	330 iP	05	23.50	-2.2
	0.6s	7.20nm			4.7mb
HFS	74.91	332 eP	05	53.50	-0.3
	0.4s	2.10nm			4.3mb
NB2	75.30	334 P	05	56.00	-0.1
	0.7s	8.90nm			4.7mb
OJC	77.97	322 eP	06	12.40	1.3
CLL	80.74	326 iP	06	26.80	0.9
GEC2	81.96	323 P	06	33.30	0.8
	1.0s	1.54nm			3.8mb

S.D. = 1.2 on 11 of 13 obs.

& OCT 24, 1992 13h 31m 51.30s
58.535 N 155.500 W
DEPTH = 140.1km
ALASKA PENINSULA
<AEIC>.

MCNL	0.89	42 eP	32	13.37	-1.1
CDD	1.05	67 eP	32	14.86	-1.0
AUW	1.34	51 eP	32	17.99	-0.8
AUH	1.35	51 eP	32	17.59	-1.4
SYI	1.63	86 eP	32	20.72	-1.2
HOM	2.29	59 eP	32	28.73	-1.0
		eS	32	57.99	
CNPM	2.42	64 eP	32	30.04	-1.4
		S	32	59.57	
REF	2.42	35 eP	32	30.55	-1.1
RDT	2.58	36 eP	32	32.06	-1.5
		eS	33	04.62	
SVW	2.58	359 eP	32	31.83	-1.7
BRK	2.68	61 eP	32	33.10	-1.6
		eS	33	04.55	
BKG	3.02	31 eP	32	38.18	-1.1
CKL	3.11	30 eP	32	38.16	-2.2
CKT	3.15	30 eP	32	38.94	-1.9
BGL	3.15	28 eP	32	40.19	-0.8
SPU	3.17	32 eP	32	39.60	-1.6
CGLM	3.29	31 eP	32	41.02	-1.7
NCG	3.33	29 eP	32	42.32	-1.0
SLKM	3.34	51 eP	32	41.60	-1.7
		S	33	19.71	
SEW	3.48	61 eP	32	43.02	-2.0
		S	33	22.55	
MPA	3.69	55 eP	32	45.83	-2.1
SUA	3.79	37 eP	32	47.44	-1.9
		eS	33	31.26	
SKT	3.98	28 eP	32	50.08	-1.7
PTE	4.03	52 eP	32	49.91	-2.4
PMS	4.04	45 eP	32	50.01	-2.6
PWA	4.21	40 P	32	54.70	0.0
KNIM	4.36	62 eP	32	53.88	-3.0
KNK	4.57	48 eP	32	56.34	-3.3
GHO	4.62	43 eP	32	56.79	-3.6
SML	4.86	44 eP	32	59.62	-3.9
GLI	4.86	58 eP	33	00.29	-3.3
HIN	4.95	64 eP	33	02.21	-2.6
FID	5.09	60 eP	33	03.03	-3.6
SCM	5.25	47 eP	33	06.21	-2.6
VLZ	5.31	57 eP	33	06.99	-2.5
CVA	5.36	64 eP	33	07.51	-2.6
TRF	5.55	25 eP	33	10.17	-2.7
SGAM	5.60	65 eP	33	10.09	-3.4
KLU	5.65	54 eP	33	11.68	-2.5
CROM	6.65	65 eP	33	25.43	-2.5
WAX	6.72	68 eP	33	25.72	-3.1
BALM	7.10	64 eP	33	31.43	-2.5
CDB	7.14	28 eP	33	29.51	-4.9
HCB	7.17	31 eP	33	30.01	-4.7
YAH	7.25	70 eP	33	33.86	-2.2

45 obs. associated

OCT 24, 1992 13h 39m 08.53±0.69s
41.079 N ±5.7km 22.463 E ±5.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (THE). 1.7 (SKO).

GRG	0.13	201 ePg	39	12.10	0.4
		eSg	39	13.40	
VAY	0.26	18 iPg	39	14.00	0.1
		iSg	39	17.60	
KNT	0.34	76 ePg	39	15.90	0.4
		eSg	39	20.90	
THE	0.59	139 ePg	39	19.34	-1.0
		eSg	39	27.30	
SOH	0.72	111 ePg	39	22.26	-0.5
SRS	0.85	87 ePg	39	24.90	-0.1
		eSg	39	36.58	
FNA	0.87	251 ePg	39	24.90	-0.5
		eSg	39	37.00	
LIT	0.98	179 ePg	39	27.46	0.4
PAIG	1.48	141 ePb	39	36.10	0.9

S.D. = 0.7 on 9 of 9 obs.

OCT 24, 1992 13h 39m 10.55±0.23s
29.972 S ±4.8km 177.277 W ±6.0km

DEPTH = 43.0km (7 depth phases)
5.3mb (30 obs.) 5.0msz (16 obs.)
KERMADEC ISLANDS, NEW ZEALAND (178)

RAO	0.91	322 iPc	39	25.00	-2.0
WCZ	9.22	228 eP	41	28.80	4.9X
OUZ	9.31	233 P	41	30.70	5.6X
SVA	12.43	341 eP	42	03.00	-4.5X
VUN	12.53	341 eP	42	06.30	-2.6
MRW	12.98	208 P	42	17.50	2.7
		S	44	33.00	
THZ	14.19	211 eP	42	30.20	-0.5
KHZ	14.45	208 eP	42	29.50	-4.5X
		eS	45	06.90	
DSZ	14.70	214 eP	42	36.60	-0.7
LTZ	15.29	210 eP	42	43.70	-1.3
MOZ	15.89	208 eP	42	49.10	-3.5X
		eS	45	37.00	
DZM	16.60	294 iPc	43	06.60	4.7X
AFI	16.77	19 eP	43	04.00	-0.1
		eS	45	24.00	
LMZ	17.41	214 P	43	09.90	-1.8
BWZ	17.73	211 P	43	14.20	-1.5
ODZ	17.81	209 eP	43	16.90	0.2
BKM	18.02	310 iPc	43	21.10	1.6
LRCZ	18.39	211 eP	43	22.00	-2.0
MHZ	18.42	211 eP	43	23.50	-0.8
LSCZ	18.42	211 eP	43	23.80	-0.4
MMCZ	18.44	212 P	43	22.80	-1.8
CMCZ	18.49	211 eP	43	24.90	-0.2
TLC	18.61	212 P	43	26.30	-0.4
TUZ	18.96	209 P	43	31.50	0.7
BRS	26.37	268 iPc	44	48.00	3.3X
	0.5s	30.00nm			5.1mb
ARMA	26.84	261 iPd	44	52.60	3.5X
	0.5s	26.00nm			5.1mb
CNB	28.51	250 eP	45	08.10	4.0X
	1.0s	32.00nm			4.9mb
CAN	28.81	250 eP	45	10.30	3.6X
		eP	45	22.10	45km
BWA	29.28	252 eP	45	11.40	0.4
		iP	45	24.00	49km
RMQ	30.07	268 iPd	45	20.10	2.0
	0.7s	51.00nm			5.4mb
CMS	31.66	258 iPd	45	33.80	1.8
	1.0s	64.00nm			5.4mb
TOO	31.71	246 iPd	45	35.30	2.9X
	1.1s	95.00nm			5.5mb
		eP	45	48.00	49km
		iPcP	48	24.10	
QLP	33.96	266 eP	45	52.90	0.8
	0.5s	46.00nm			5.7mb
BFD	34.04	247 eP	45	55.00	2.3
	1.1s	27.00nm			5.1mb

ARN	84.90	41 eP	51	41.35	-0.8		1.1s	20.00nm			KERMADEC ISLANDS, NEW ZEALAND (178)						
PLM	85.03	47 eP	51	42.67	-0.4	KSH	120.54	301 ePKP	57	57.90	-1.3	Felt (III) on Raoul Island.					
IPM	85.10	278 ePc	51	43.00	-0.6	HRV	120.56	56 PKP	58	10.00	11.0X						
	0.4s	25.30nm			5.7mb		Z 18s	0.47um			5.2Msz	RAO	0.92	306 iPc	47	05.90	-0.1
ISA	85.56	44 eP	51	46.03	0.5	FRU	122.35	304 ePKP	58	02.80	0.3		S		47	13.90	
	1.2s	19.01nm			5.2mb		2.0s	40.00nm				WCZ	9.47	227 P	49	13.80	6.0X
Z	18s	0.44um			4.9Msz	BUL	124.29	210 iPKPc	58	08.50	1.5	OUZ	9.56	233 P	49	14.40	5.4X
CMB	86.03	42 ePc	51	47.32	-0.5		1.0s	14.50nm				KHZ	14.69	208 eP	50	11.30	-6.7X
	1.2s	31.29nm			5.4mb	BRVK	126.60	316 iPKPd	58	09.00	-1.3	LTZ	15.53	211 eP	50	24.90	-4.1X
Z	18s	0.75um			5.1Msz		1.2s	28.00nm				DZM	16.70	294 iPc	50	47.40	3.3X
GSC	86.34	45 eP	51	49.99	0.6	SVE	131.96	321 iPKPc	58	21.00	0.6	ODZ	18.05	209 eP	50	59.90	-0.8
NJ2	86.44	310 Pc	51	50.50	0.6	MAIO	132.62	293 ePKP	58	23.00	0.6	BRS	26.56	268 iPd	52	30.00	1.7
	1.0s	23.00nm			5.4mb			e	01	50.00		ARMA	27.05	261 eP	52	33.50	0.6
ORV	86.44	40 iPc	51	49.63	-0.1	ARU	133.14	321 ePKP	58	23.00	0.4	CAN	29.04	250 eP	52	51.20	0.4
WDC	86.59	39 eP	51	50.92	0.5	SDF	139.94	346 iPKP	58	36.50	1.4	BWA	29.51	252 eP	52	52.40	-2.7X
	1.1s	34.48nm			5.5mb	GRS	143.23	297 iPKPc	58	38.00	-3.9X	RMO	30.25	268 eP	53	02.00	0.3
Z	19s	0.64um			5.0Msz		1.4s	50.00nm					0.7s	25.00nm			5.2mb
BONR	87.18	43 iPd	51	54.32	0.6	MOS	144.33	326 iPKPd	58	40.00	-3.0X	TOO	31.95	246 eP	53	16.30	-0.3
LBFM	87.48	38 eP	51	54.98	0.0		1.5s	120.00nm					0.9s	20.00nm			5.0mb
TPNV	87.75	45 eP	51	57.03	0.7	KAF	144.35	341 iPKP	58	39.30	-3.6X	QLP	34.15	266 eP	53	34.70	-1.1
	0.3s	2.30nm			4.9mb		0.7s	16.30nm					0.4s	11.00nm			5.1mb
TNP	87.91	43 eP	51	57.02	-0.1	ERE	144.61	298 iPKP+	58	43.00	-1.2	STK	35.41	256 P	53	46.59	0.1
	0.9s	14.79nm			5.2mb		1.1s	25.00nm				ASPA	43.96	266 eP	54	54.70	-2.8X
TUC	88.36	51 eP	51	59.66	0.4	OBN	145.17	326 iPKPc	58	43.70	-0.8		0.8s	14.60nm			4.9mb
	0.8s	5.10nm			4.9mb		1.0s	210.00nm				CSY	56.05	208 P	56	29.39	0.0
Z	18s	0.34um			4.8Msz			e	58	52.00		SPA	60.37	180 iPc	57	00.00	0.1
MDJ	88.63	325 Pd	52	00.40	0.3	NUR	146.12	341 iPKP	58	46.00	0.1		1.1s	19.64nm			5.2mb
	1.5s	46.00nm			5.6mb		1.0s	186.00nm				MAW	73.15	200 P	58	22.39	1.8
SNY	89.86	320 Pc	52	05.60	-0.4	SOC	147.68	305 iPKP	58	52.00	3.0X	ISA	85.30	44 eP	59	27.22	0.4
ARUT	90.01	45 eP	52	08.06	1.0		1.0s	160.00nm					1.3s	17.34nm			5.1mb
TIA	90.14	313 Pd	52	08.20	0.8	NB2	148.42	352 PKP	58	52.40	2.7X	CMB	85.77	41 eP	59	28.97	-0.1
	1.2s	58.00nm			5.8mb		0.9s	51.20nm					1.0s	9.51nm			4.9mb
CN2	90.18	322 Pc	52	07.00	-0.4	UPP	148.46	346 iPKP	58	52.00	2.3	GSC	86.09	45 eP	59	31.09	0.3
	1.4s	140.00nm			6.1mb	HFS	148.94	349 ePKP	58	50.10	-0.4	TPNV	87.50	44 eP	59	38.43	0.7
		eP	52	17.00	31kmX		0.9s	52.40nm				TUC	88.10	51 eP	59	41.62	1.1
BMW	90.41	34 eP	52	08.07	-0.4	ANN	149.03	308 ePKP	58	55.00	4.0X		0.9s	5.72nm			4.9mb
SHW	90.70	35 eP	52	10.27	0.3		1.0s	50.00nm				MSU	90.99	45 eP	59	55.08	0.9
VGB	90.96	36 eP	52	11.06	0.0	AKKT	150.21	301 ePKP	58	59.70	6.5X	ALQ	92.57	51 eP	00	01.56	0.1
LON	91.30	35 eP	52	12.20	-0.4	SVST	150.42	299 ePKP	59	01.00	7.5X		0.8s	2.76nm			4.7mb
		e	52	17.67	17kmX	BCAO	150.53	214 iPKPd	58	55.20	0.9	BW06	95.15	43 eP	00	12.80	-0.4
							0.5s	30.00nm					1.0s	1.33nm			4.3mb
GMW	91.39	33 eP	52	13.58	0.7			ic	58	58.30		RSSD	99.22	44 eP	00	31.05	-0.5
NST	91.47	287 eP	52	18.20	4.3X			ic	59	07.00			1.1s	5.72nm			5.1mb
RMW	91.80	34 eP	52	14.74	-0.1	KVT	150.87	301 iPKP	59	02.00	8.0X	KAF	144.24	341 iPKP	06	21.50	-4.0X
GYA	91.88	299 eP	52	21.00	5.2X	TRHT	150.91	300 iPKP	59	01.10	6.9X		0.4s	1.70nm			
SRU	92.63	46 eP	52	18.84	-0.2	HRI	151.76	285 iPKPc	59	03.60	7.9X	OBN	145.12	326 iPKPc	06	24.80	-2.4
		e	52	31.82	43km	BHL	151.85	287 PKP	59	02.00	6.2X		1.2s	110.00nm			
ALO	92.82	51 eP	52	20.22	0.2	CTK	151.85	301 ePKP	59	03.40	7.8X	Z	20s	0.80um			5.5Msz
	0.8s	3.75nm			4.9mb	MML	151.99	283 iPKPc	59	04.40	8.4X	N	20s	0.60um			
Z	18s	0.47um			5.0Msz	KAS	152.48	303 iPKPc	59	04.40	8.0X			e	06	49.00	
SLKM	92.84	13 eP	52	17.56	-1.8	RMN	152.48	279 iPKPc	59	04.90	8.1X	NUR	146.02	341 iPKP	06	26.30	-2.2
BJI	93.06	315 eP	52	20.50	-0.2	KIS	153.57	317 ePKP	59	05.00	7.4X		0.8s	44.50nm			
	1.4s	33.00nm			5.6mb	BBTK	153.58	300 ePKP	59	06.50	8.4X	NB2	148.27	352 PKP	06	33.00	0.8
Z	24s	0.32um			4.7MszX	CSS	153.76	289 ePKP	59	07.00	8.6X		1.3s	38.60nm			
CRP	93.18	12 eP	52	19.17	-1.9	DVR	153.81	303 ePKP	59	06.60	8.3X	HFS	148.81	350 ePKP	06	34.10	1.1
MGD	93.51	345 eP	52	21.00	-1.3	SGKT	153.93	302 ePKP	59	07.20	8.5X		0.9s	17.30nm			
DPW	93.86	35 eP	52	24.00	-0.3	CFR	154.91	314 ePKP	59	10.00	10.5X	BCAO	150.77	213 iPKPd	06	36.50	-0.9
CHG	94.03	289 eP	52	27.30	1.6	KIC	155.48	162 PKP	59	14.60	13.4X		1.0s	35.00nm			
PMR	94.05	13 P	52	30.00	5.2X	OJC	156.03	322 ePKP	59	01.70	0.8			id	06	42.50	
	Z 20s	0.34um			4.8Msz			e	59	08.50				id	06	49.00	
TIY	94.05	312 Pc	52	25.00	-0.5	MLR	156.09	317 ePKPc	59	01.00	-0.3	HRI	151.89	286 ePKP	06	49.80	11.1X
	Z 26s	0.85um			5.1MszX	SPC	156.64	330 e(PKP)	59	01.80	-0.2	JVI	152.15	283 ePKP	06	49.90	10.9X
HHA1	94.06	42 eP	52	26.17	0.7			e	07	13.40		ADI	152.31	285 ePKP	06	50.30	11.1X
		e	52	38.09	38km							RMN	152.63	279 ePKP	06	51.10	11.3X
XAN	94.35	307 eP	52	27.50	0.6	KSP	156.80	338 ePKPd	59	02.50	0.6	VR1	155.43	317 iPKPd	06	27.00	-16.0X
BW06	95.40	43 eP	52	31.29	-0.5		1.0s	65.00nm				MLR	156.09	317 iPKPc	06	37.50	-6.6X
	1.0s	2.67nm			4.7mb			id	59	31.40		KSP	156.71	338 ePKP	06	43.00	-1.6
LRM	95.58	39 eP	52	32.40	-0.1	CLL	157.35	343 ePKP	59	13.00	10.5X			id	07	12.70	
GOL	96.22	48 P	52	50.00	14.4X		1.5s	22.00nm									
	Z 22s	0.56um			5.0Msz	BRG	157.49	341 ePKP	59	03.20	0.5	S.D. = 1.1 on 27 of 41 obs.					
FBA	97.32	12 eP	52	37.73	-1.9		1.1s	51.00nm				& OCT 24, 1992	14h 03m 00.51s				
	0.7s	4.35nm			5.1mb			i	59	34.00		58.310 N	151.358 W				
RSSD	99.48	44 eP	52	50.24	0.1	ZST	158.72	333 ePKP	59	04.60	0.4	DEPTH = 11.3km					
	1.2s	11.16nm			5.3mb			e	59	39.20		KODIAK ISLAND REGION (13)					
Z	19s	0.64um			5.1Msz	KHC	159.16	340 ePKP	59	04.50	-0.2	<AEIC>. ML 3.9 (AEIC), 3.8 (PMR).					
MIAR	101.65	57 Pd iff	53	10.00	10.0X		1.3s	6.00nm				SYI	0.62	299 iPc	03	12.19	-0.7
	Z 21s	0.31um			4.8Msz	GRF	159.28	344 ePKP	59	06.80	2.0	KDC	0.83	227 ePd	03	15.08	-1.2
GTA	103.37	308 ePd iff	53	07.50	-0.2		Z 20s	0.20um					eS		03	26.04	
FVM	105.48	55 PKP	57	40.00	9.5X	GEC2	159.37	339 PKP	59	20.80	15.7X		eS		03	20.70	-1.4
	Z 18s	0.54um			5.1Msz	PAB	168.82	299 ePKP	59	16.00	2.3	XLV	1.16	351 iP	03	20.70	-1.4
CEH	112.98	61 PKP	58	00.00	15.3X		S.D. = 1.2 on 104 of 155 obs.						eS		03	36.22	
	Z 19s	0.43um			5.1Msz							CNPM	1.22	3 iPd	03	21.29	-1.8
ELT	117.12	318 ePKP	57	50.90	-1.2								S		03	36.98	
	1.4s	11.00nm										CDD	1.35	298 ePc	03	22.86	-2.3
RSNY	118.97	53 PKP	58	10.00	14.1X		OCT 24, 1992	13h 46m 48.38±0.38s					eS		03	41.11	
	Z 20s	0.18um			4.7Msz		29.796 S ± 9.4km	177.066 W ± 7.5km									
NRI	119.32	336 iPKPd	57	54.80	-1.0		DEPTH = 10.0km (geophysicist)					HOM	1.36	354 iPd	03	23.56	-1.8
							5.0mb (11 obs.)	5.5Msz (1 obs.)									

24d 14h

BRLK	1.48	9	eP	03 24.54	-2.5
			iS	03 42.68	
AUE	1.48	316	eP	03 25.07	-2.0
			eS	03 43.90	
AUI	1.49	315	eP	03 24.76	-2.4
			eS	03 43.87	
AUP	1.50	315	eP	03 25.85	-1.6
AUH	1.51	315	eP	03 26.63	-0.9
AUL	1.52	316	eP	03 25.99	-1.6
AUW	1.53	315	eP	03 26.62	-1.1
OPT	1.66	325	ePc	03 28.21	-1.4
MCNL	1.78	301	eP	03 29.01	-2.4
INE	1.96	334	ePc	03 31.58	-2.6
			eS	03 56.20	
INW	1.99	333	ePc	03 31.99	-2.5
SEW	2.05	28	iPd	03 31.51	-3.7
PDB	2.08	317	eP	03 33.55	-2.2
RED	2.24	342	iPd	03 34.89	-3.2
RS1	2.27	342	iPd	03 35.60	-3.1
RSO	2.27	342	iPd	03 35.58	-3.1
RS2	2.28	342	iPd	03 35.62	-3.1
SLKM	2.28	14	iPd	03 35.12	-3.5
			eS	04 02.31	
REF	2.29	343	iPd	03 35.73	-3.2
RDW	2.30	342	iPd	03 35.89	-3.2
RDN	2.32	343	iPd	03 36.16	-3.2
			S	04 05.35	
RDT	2.33	347	iPd	03 35.80	-3.6
DFR	2.39	344	ePd	03 36.73	-3.5
NCT	2.40	341	iPd	03 37.20	-3.1
MPA	2.41	24	iPd	03 36.52	-3.9
NKA	2.44	1	ePd	03 39.06	-1.8
KNIM	2.76	41	ePd	03 41.20	-4.3
BKMG	2.81	351	iPd	03 42.28	-3.9
PTE	2.82	24	iPd	03 42.52	-3.8
MID	2.84	65	P	03 42.70	-3.8
SPU	2.90	353	iPd	03 43.63	-3.8
CKT	2.93	352	ePd	03 44.04	-3.9
CKL	2.94	351	ePd	03 44.28	-3.7
CKN	2.95	352	eP	03 44.44	-3.7
CRP	2.99	353	eP	03 44.63	-4.2
BGL	3.01	350	eP	03 45.44	-3.6
CGLM	3.03	354	iPd	03 45.56	-3.7
PMS	3.08	16	P	03 46.20	-3.8
NGC	3.13	353	ePd	03 47.15	-3.6
SUA	3.18	5	ePd	03 47.63	-3.8
HIN	3.25	48	eP	03 48.28	-4.1
GLI	3.37	38	ePd	03 49.30	-4.7
PWA	3.43	12	eP	03 51.80	-3.1
KNK	3.44	24	iPd	03 50.84	-4.2
PLRM	3.48	18	iPd	03 51.23	-4.3
PMR	3.48	18	ePd	03 50.87	-4.7
FID	3.49	43	ePd	03 50.76	-5.0
SVW	3.54	324	eP	03 52.54	-4.0
CVA	3.64	50	ePd	03 53.41	-4.4
GHO	3.68	18	ePd	03 54.32	-4.3
SKT	3.68	359	ePd	03 54.58	-4.0
VLZ	3.81	40	ePd	03 56.10	-4.1
SML	3.82	22	ePd	03 56.27	-4.3
SCAM	3.84	52	eP	03 56.49	-4.2
RAGM	4.01	56	eP	03 58.33	-4.8
SCM	4.07	28	ePd	04 00.53	-3.5
KLU	4.21	38	eP	04 01.94	-4.0
TOA	4.60	32	iPc	04 08.70	-2.9
SNH	4.76	63	eP	04 09.57	-4.3
TZL	4.78	36	eP	04 10.49	-3.5
CROM	4.85	56	eP	04 10.53	-4.7
WAX	4.85	60	eP	04 10.23	-4.9
GLB	4.93	47	eP	04 11.64	-4.6
SDG	5.12	32	eP	04 14.46	-4.4
TTA	5.17	336	ePn	04 15.00	-4.6
TRF	5.19	5	eP	04 15.88	-4.1
RND	5.26	12	eP	04 16.85	-4.1
BALM	5.32	55	eP	04 16.96	-4.9
YAH	5.33	63	eP	04 17.67	-4.5
PAX	5.50	29	eP	04 20.16	-4.2
CTGM	5.74	58	eP	04 23.40	-4.4
SDN	5.83	243	(P)	04 25.79	-3.1
FBA	6.83	13	ePn	04 36.76	-6.2
IMA	7.86	353	eP	04 50.98	-6.6
MBC	21.29	20	ePc	07 46.50	-2.1

81 obs. associated

& OCT 24, 1992 14h 22m 24.75s

34.406 N 116.510 W

DEPTH = 1.0km

SOUTHERN CALIFORNIA

<PAS-P>. ML 3.1 (PAS), 2.8 (GS).
Felt (III) at Pionertown.

GSC	0.93	345	eP	22 42.24	-1.0
SSK	1.00	259	ePn	22 43.47	-1.2
PLM	1.09	196	ePd	22 45.13	-1.1
			S	22 59.69	
GLA	1.95	133	ePn	22 56.55	-2.8
ISA	2.04	308	ePn	22 58.69	-2.0
ABL	2.28	282	ePn	23 02.65	-1.7
BCH	3.04	286	ePn	23 14.39	-0.7
ARUT	4.19	35	ePn	23 29.66	-1.7

8 obs. associated

OCT 24, 1992 14h 43m 34.87±0.78s
41.176 N ± 7.9km 21.964 E ± 5.7km

DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

ML 2.3 (THE), 2.2 (SKO).

GRG	0.40	123	ePg	43 42.78	-0.2
			eSg	43 48.78	
VAY	0.48	72	iPg	43 44.40	-0.2
			iSg	43 51.20	
FNA	0.59	229	ePg	43 46.78	-0.1
			eSg	43 55.98	
KNT	0.71	91	ePg	43 48.38	-0.4
SKO	0.89	334	ePg	43 52.00	0.1
			0.5s	22.00nm	
			iSg	44 04.00	

SOH 1.11 108 iPg 43 56.58 0.8

S.D. = 0.6 on 6 of 6 obs.

? OCT 24, 1992 14h 46m 02.80±1.28s

43.369 N ± 14.8km 147.421 E ± 28.0km

DEPTH = 33.0km (normal)

4.6mb (6 obs.)

KURIL ISLANDS (221)

MAT	9.82	229	eP	48 24.00	-0.7
			0.8s	11.19nm	
			(S)	50 16.00	
PKI	51.77	274	P	55 10.22	0.4
HYB	62.96	269	eP	56 39.00	10.4X
WRA	64.14	194	P	56 36.00	-0.1
			0.7s	1.50nm	
KAF	64.74	334	iP	56 37.90	-1.7
			0.5s	1.90nm	
GBA	66.26	266	P	56 51.00	1.1
NUR	66.47	333	eP	56 49.50	-1.1
NB2	70.03	339	P	57 12.60	-0.3
			0.6s	4.80nm	
HFS	70.12	337	eP	57 12.60	-0.7
			0.6s	10.50nm	
OJC	76.21	328	eP	57 49.00	-0.2
KSP	76.99	331	eP	57 54.60	1.0
CLL	77.74	333	iP	57 58.30	0.6
			e	58 11.00	
KHC	79.39	331	eP	58 08.00	1.2
GEC2	79.59	331	P	58 08.40	0.5
			0.9s	0.98nm	
			S.D. = 1.0	on 13 of 14 obs.	

OCT 24, 1992 15h 00m 18.74±0.25s

51.274 N ± 6.4km 179.064 E ± 2.7km

DEPTH = 33.0km (normal)

4.9mb (41 obs.) 4.7MsZ (5 obs.)

RAT ISLANDS, ALEUTIAN ISLANDS (6)

ML 5.1 (PMR).

ADK	2.72	75	eP	01 01.88	0.9
			(S)	01 29.77	
SMY	3.40	297	eP	01 12.36	1.7
			eLg	02 01.83	
SDN	12.87	64	eP	03 20.38	-1.4
SVW	17.07	45	eP	04 17.42	1.2
			1.7s	123.89nm	
TTA	17.73	39	eP	04 21.33	-3.1X
			0.9s	14.31nm	
CKN	18.67	47	(P)	04 36.30	0.4
CRP	18.69	47	eP	04 36.99	0.7
SPU	18.71	47	eP	04 34.92	-1.5
SLKM	19.37	50	eP	04 43.13	-1.2
PMS	19.88	48	eP	04 49.90	0.1
IMA	20.25	33	ePc	04 54.00	0.3
			0.8s	12.75nm	
KLU	21.64	48	eP	05 08.36	0.5

TOA	21.66	47	eP	05 08.80	0.7
FBA	21.86	39	eP	05 10.23	0.3
	0.7s		14.07nm		4.5mb
BRW	22.88	20	eP	05 21.09	1.2
YSS	23.99	274	eP	05 33.20	2.3
	1.1s		20.00nm		4.6mb
YAK	28.46	311	iPd	06 11.90	-0.4
	1.2s		45.00nm		5.0mb
TIK	30.07	331	eP	06 32.00	5.4X
Z	16s		1.00um		4.5Mszx
MAT	32.45	259	eP	06 48.00	0.2
	1.1s		15.19nm		4.8mb
MDJ	33.26	278	eP	06 53.50	-1.3
MBC	34.20	22	eP	07 03.50	0.9
	1.0s		24.00nm		5.1mb
YKA	36.27	46	eP	07 19.60	-0.7
	0.6s		4.50nm		4.6mb
BOD	36.86	306	iPc	07 25.80	0.5
	0.7s		37.00nm		5.4mb
RMW	37.79	72	eP	07 34.19	0.8
SNY	38.47	278	Pc	07 39.20	0.2
CIT	39.39	298	eP	07 47.00	0.3
NEW	40.17	68	eP	07 52.79	-0.4
	0.7s		14.40nm		4.8mb
LBFM	40.95	80	eP	08 00.87	1.1
			e	08 12.52	
NRI	43.62	329	iPc	08 20.80	-0.1
	1.1s		25.00nm		4.9mb
Z	18s		1.50um		4.9Mszx
N	16s		0.40um		
			i	10 08.00	
LRM	44.17	69	eP	08 26.30	0.2
BONR	45.19	82	eP	08 35.44	1.0
HHA1	45.63	72	eP	08 38.00	0.4
TNP	45.78	81	ePc	08 39.83	0.8
	0.8s		8.97nm		4.7mb
			e	08 51.65	
TIA	45.84	276	eP	08 39.30	0.1
ZAK	45.85	300	iPc	08 40.00	0.9
	1.4s		18.00nm		4.8mb
Z	19s		0.64um		4.6Mszx
E	18s		0.51um		
			e	10 17.00	
			eS	15 28.00	
PTI	45.88	72	eP	08 40.78	1.1
HHC	46.42	285	Pc	08 44.60	0.7
	1.0s		28.00nm		5.2mb
SSE	46.65	267	P	08 46.00	0.3
	1.0s		27.00nm		5.2mb
TPNV	47.09	81	eP	08 50.68	1.4
	0.6s		12.98nm		5.1mb
DUG	47.20	76	eP	08 49.97	-0.1
	0.6s		2.90nm		4.5mb
NJ2	47.47	270	Pc	08 52.20	0.1
	1.0s		16.00nm		5.0mb
BTO	47.51	285	eP	08 53.00	0.5
BW06	47.61	71	iPc	08 53.00	-0.4
	0.7s		11.21nm		5.0mb
GSC	47.79	84	eP	08 54.92	0.1
TIY	47.81	281	iPc	08 55.90	1.0
Z	18s		0.49um		4.5Mszx
DAU	48.01	74	eP	08 57.22	0.5
MSU	48.62	77	eP	09 01.35	0.0
EMUT	48.64	75	eP	09 01.57	0.1
PLM	49.03	86	eP	09 04.01	-0.4
SRU	49.26	75	eP	09 06.02	-0.1
WHN	51.32	272	eP	09 21.20	-0.5
GOL	51.99	71	eP	09 26.71	-0.3
	0.9s		17.52nm		5.0mb
XAN	52.36	279	Pd	09 28.90	-0.7
	0.9s		12.00nm		4.9mb
			pP	09 39.50	36kmX
ELT	52.88	311	iPc	09 32.60	-0.5
	0.9s		51.00nm		5.5mb
			eS	17 06.00	
TUC	53.52	82	eP	09 37.88	-0.4
	0.9s		3.30nm		4.3mb
LZH	54.12	285	iPc	09 42.50	-0.2
	1.2s		43.00nm		5.4mb
Z	15s		0.29um		4.5Mszx
			pP	09 53.00	35kmX
GTA	54.35	291	P	09 44.00	-0.4
	1.0s		28.00nm		5.2mb
Z	15s		0.63um		4.8Mszx
E	15s		0.60um		
			pP	09 49.00	16kmX
CD2	57.68	280	eP	10 07.40	-0.8

WMO 58.26 302 P 10 11.50 -0.7
1.5s 11.00nm 4.7mb
Z 20s 1.07um 5.0msz
BRVK 60.11 319 iPc 10 24.70 -0.1
1.0s 28.00nm 5.3mb
Z 20s 0.58um 4.7msz
N 20s 0.29um
E 18s 0.38um

SVE 60.96 326 ePd 10 31.00 0.5
EEO 61.64 50 eP 10 35.50 0.2
FVM 61.81 64 eP 10 35.18 -1.3
0.5s 9.46nm 5.2mb
ARU 61.99 327 eP 10 38.00 0.6
UYO 62.16 69 iPd 10 37.50 -1.4
MIAR 62.41 68 eP 10 39.51 -1.0
0.8s 7.94nm 4.9mb
KAF 64.91 346 iP 10 53.80 -2.7
0.5s 2.60nm 4.6mb
FRU 65.68 309 eP 11 02.80 1.0
e 11 12.70
e 11 27.00

KSH 67.52 305 P 11 14.00 0.3
0.6s 10.00nm 5.1mb
NB2 67.62 354 P 11 12.40 -1.4
0.8s 7.60nm 4.8mb
HFS 68.32 352 eP 11 16.40 -1.7
0.6s 1.30nm 4.2mb
CHG 69.42 275 eP 11 24.90 -0.6
GUN 70.65 291 P 11 33.40 0.1
0.9s 161.00nm 6.1mb X
KKN 71.09 291 P 11 35.82 0.0
0.6s 77.00nm 5.9mb
GKN 71.31 291 P 11 36.86 -0.2
0.8s 72.00nm 5.8mb
DMN 71.32 291 P 11 37.30 0.0
0.9s 71.00nm 5.7mb

EKA 73.75 1 P 11 51.00 0.3
1.4s 34.60nm 5.2mb
KHC 79.21 350 eP 12 20.00 -1.6
QUE 79.37 305 eP 12 22.50 -0.5
GEC2 79.48 350 P 12 22.80 -0.3
0.9s 1.33nm 3.9mb X
GEC2 79.48 350 P 12 27.00 3.9X
0.8s 1.21nm 3.9mb X
MLR 80.86 341 ePd 12 34.00 3.4X
WRA 81.02 222 P 12 30.40 -1.1
0.6s 1.70nm 4.2mb
RMO 81.90 207 eP 12 36.20 0.3
HYB 82.99 289 ePc 12 41.70 -0.2
1.0s 40.00nm 5.5mb

ASPA 84.52 221 eP 12 48.90 -0.5
0.7s 3.40nm 4.6mb
POO 84.87 293 eP 12 55.50 4.1X
GBA 86.63 287 P 13 00.00 -0.1
PRY 147.54 308 ePKP 19 59.50 1.2
0.7s 6.00nm
KIM 150.37 310 ePKP 20 07.50 4.9X
S.D. = 0.9 on 84 of 90 obs.

* OCT 24, 1992 15h 19m 36.32±0.82s
24.792 N ±16.9km 95.164 E ±13.5km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
MYANMAR (296)

CHG 6.91 149 eP 21 18.00 0.1
GUN 8.89 292 P 21 47.18 1.4
PKI 9.19 290 P 21 49.60 -0.4
KKN 9.36 291 P 21 52.16 0.0
DMN 9.46 289 P 21 52.88 -0.7
GKN 9.96 291 P 22 00.42 -0.1
HFS 64.63 327 eP 30 12.80 0.2
0.4s 2.20nm 4.6mb
NB2 65.74 328 P 30 20.00 0.2
0.5s 1.30nm 4.3mb
GEC2 66.28 314 P 30 23.00 -0.6
0.5s 1.04nm 4.2mb
S.D. = 0.7 on 9 of 9 obs.

* OCT 24, 1992 15h 32m 38.65±0.82s
7.015 N ±10.9km 76.694 W ±12.1km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
NORTHERN COLOMBIA (99)

BOG 3.53 132 iPc 33 34.00 1.1
iS 34 19.00

BMG 3.59 89 eP 33 35.00 1.5
PSO 5.82 186 eP 34 07.50 2.2
SDV 6.28 72 iPnc 34 11.40 -0.3
iSn 35 23.00
TOV 7.36 68 eP 34 25.60 -1.1
ARE 23.89 168 e(P) 37 50.00 -0.7
LPB 24.89 160 eP 38 03.00 2.4X
CNCB 25.19 160 eP 38 02.00 -1.6
e 39 39.00
SIV 27.60 146 eP 38 23.00 -2.2
BAO 36.26 129 e(P) 39 37.00 -4.2X
e 39 40.00
e 39 41.20
e 39 42.50
e 39 46.00
e 39 51.20

PDCR 42.09 117 eP 40 25.90 -3.6X
YKA 61.90 341 eP 42 57.00 -0.1
0.7s 3.00nm 4.5mb
TIC 71.10 85 P 43 56.20 -0.2
LIC 71.13 86 P 43 56.40 -0.1
KIC 71.40 86 P 43 57.70 -0.5
GEC2 85.03 42 P 45 14.50 2.1
0.9s 1.40nm 4.2mb
HYB 145.54 45 ePKPd 52 17.50 1.4
ASPA 146.29 237 ePKP 52 15.10 -2.1
1.0s 3.00nm
GBA 147.15 51 PKP 52 23.00 4.3X
WRA 147.28 244 PKP 52 19.40 0.5
0.5s 0.70nm

S.D. = 1.5 on 16 of 20 obs.
% OCT 24, 1992 16h 06m 07.10±1.01s
60.460 N ±6.4km 5.177 E ±12.3km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.7 (BER).

ASK 0.02 22 iPc 06 08.86 -0.2
eS 06 09.94
EGD 0.19 173 iPc 06 11.23 -0.1
eS 06 13.96
SUE 0.63 341 eP 06 19.89 0.1
eS 06 28.82
HYA 0.86 35 iPd 06 23.35 -0.3
eS 06 36.46
NRA0 3.15 82 P 06 57.95 0.3
Pg 07 02.72
Lg 07 44.94

S.D. = 0.3 on 5 of 5 obs.
? OCT 24, 1992 17h 09m 08.48±1.17s
28.726 S ±15.4km 177.852 W ±22.3km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
KERMADEC ISLANDS REGION (177)
Felt (III) on Raoul Island.

RAO 0.53 186 iP 09 19.40 -0.1
BRS 25.93 266 eP 14 43.00 3.5X
RMO 29.62 266 eP 15 15.00 1.9
ASPA 43.36 265 eP 17 08.00 -1.5
1.0s 4.90nm 4.2mb
WRA 44.19 270 P 17 15.60 -0.7
0.8s 6.10nm 4.5mb
NUR 144.78 341 ePKP 28 40.00 -2.9X
NB2 147.12 352 PKP 28 46.80 0.0
0.7s 1.90nm
HFS 147.63 349 ePKP 28 47.40 -0.2
0.4s 1.00nm
BCAO 151.26 216 iPKPd 28 55.20 0.6
0.9s ic 30 37.60
S.D. = 1.3 on 7 of 9 obs.

% OCT 24, 1992 17h 46m 02.96±1.05s
38.276 N ±5.5km 2.169 W ±11.3km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.7 (MDD).

EVIA 0.45 324 iPc 46 12.00 -0.1
eSg 46 18.10
EHUE 0.57 216 ePg 46 14.90 0.3
eSg 46 23.00
EBAN 1.28 265 ePn 46 26.50 -0.2
eSn 46 44.60

ENIJ 1.30 181 ePn 46 26.80 -0.3
eSn 46 44.50
ECOG 1.49 228 ePn 46 30.00 0.1
eSn 46 50.00
ETOR 2.54 2 ePn 46 45.10 0.1
eSn 47 15.10
S.D. = 0.3 on 6 of 6 obs.

OCT 24, 1992 17h 47m 39.91±0.52s
38.329 N ±4.9km 22.555 E ±5.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.3 (ATH), 3.3 (THE).

AGG 0.71 346 ePg 47 52.88 -1.1
eSg 48 04.04
ATH 0.98 111 ePb 47 59.50 1.0
eSg 48 12.50
VLS 1.55 265 ePb 48 07.00 -0.7
VLI 1.64 169 ePb 48 07.50 -1.3
LIT 1.77 358 ePb 48 10.24 -0.5
eSb 48 34.40

PAIG 1.82 28 iPb 48 10.78 -0.7
iSb 48 36.16
KZN 2.07 343 ePn 48 15.50 0.4
SRN 2.52 309 ePn 48 23.10 1.6
KEK 2.55 304 ePn 48 22.50 0.5
SOH 2.56 14 ePn 48 22.16 -0.1
FNA 2.62 340 iPn 48 22.84 -0.1
GRG 2.63 357 ePn 48 22.52 -0.6
TPE 2.78 316 ePn 48 25.50 0.2
KNT 2.84 5 iPn 48 25.80 -0.3

SRS 2.90 16 ePn 48 26.04 -0.9
PRK 3.05 71 ePb 48 32.20 3.2X
BERA 3.11 320 ePn 48 37.00 7.1X
TIR 3.66 326 ePn 48 46.00 8.3X
PHP 3.72 335 ePn 48 39.30 0.6
SKO 3.74 347 ePn 48 34.00 -4.9X
NPS 3.92 140 ePn 48 42.00 0.5
KKS 4.09 337 ePn 48 51.50 7.8X
MLR 7.59 18 ePc 49 35.00 1.7

S.D. = 0.9 on 18 of 23 obs.
% OCT 24, 1992 17h 54m 25.95±1.90s
39.351 N ±18.1km 20.573 E ±11.1km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

IGT 0.26 314 ePg 54 31.36 -0.1
eSg 54 36.96
AGG 1.40 103 ePb 54 51.88 0.3
FNA 1.56 23 ePb 54 53.88 0.1
LIT 1.66 63 ePb 54 54.32 -0.9
eSb 55 16.60
GRG 2.13 41 iPn 55 02.68 0.6
S.D. = 0.8 on 5 of 5 obs.

& OCT 24, 1992 18h 24m 34.02s
39.972 N 121.710 W
DEPTH = 18.5km
NORTHERN CALIFORNIA (36)
<GM-P>. MD 3.1 (GM).

ORV 0.45 159 iPd 24 42.59 -0.5
eS 24 48.31
WDC 0.88 314 eP 24 48.83 -1.6
LBFM 1.38 354 eP 24 58.40 -0.2
NTYM 1.74 205 (P) 25 01.87 -1.7
CMB 2.19 151 ePn 25 11.35 1.2
ARN 2.62 177 ePn 25 15.76 -0.5
BONR 3.33 126 eP 25 35.88 9.3
MSU 7.54 98 eP 26 34.95 9.0
8 obs. associated

& OCT 24, 1992 18h 29m 45.64s
63.158 N 150.059 W
DEPTH = 100.9km
CENTRAL ALASKA (1)
<AEIC>.

PMR 1.63 164 ePn 30 14.63 0.7
eS 30 36.41
FBA 2.01 29 eP 30 17.33 -1.6
CRP 2.14 208 ePn 30 20.07 -0.7
CKN 2.18 208 eP 30 20.94 -0.2
S 30 51.16
SPU 2.19 206 ePn 30 20.59 -0.8

24d 18h

KLU 2.55 129 ePn 30 25.10 -1.1
 SLKM 2.66 182 ePn 30 27.69 0.1
 TTA 2.72 268 eP 30 25.99 -2.5
 SVW 3.32 234 (P) 30 35.63 -1.0
 BALM 4.20 117 ePn 30 47.00 -1.8
 10 obs. associated

OCT 24, 1992 18h 44m 49.72±0.27s
 42.620 N ± 2.8km 13.273 E ± 2.1km
 DEPTH = 12.5 ± 1.9 km
 3.6mb (1 obs.)
 CENTRAL ITALY (381)
 ML 3.9 (LDG), 3.9 (TTG), 3.8
 (TIR), MD 3.8 (FIR), 3.8 (TRI).

AQU 0.28 160 Pc 44 55.20 -0.6
 MNS 0.50 242 Pc 44 59.30 -0.6
 ASS 0.64 315 Pc 45 02.20 -0.1
 ARV 0.91 345 P 45 07.70 0.8
 RMP 0.91 208 P 45 07.70 0.7
 RDP 0.96 206 P 45 08.50 0.8
 SDI 1.00 156 P 45 07.90 -0.6
 DUI 1.30 137 P 45 14.10 0.5
 CRE 1.40 317 P 45 16.10 1.1
 SFI 1.66 322 P 45 20.20 1.5
 PGD 1.69 318 P 45 20.60 1.3
 FIR 1.87 309 ePn 45 19.50 -2.3
 PII 2.29 300 P 45 29.60 1.8
 HVAR 2.40 75 iPn 45 29.10 -0.2
 BDI 2.43 307 P 45 30.70 0.9
 MME 2.45 311 P 45 31.50 1.3
 RIY 2.84 16 iPnc 45 35.60 0.0
 TRI 3.11 6 e(Pn) 45 37.00 -2.3
 PGF 3.16 270 Pn 45 40.90 0.7
 VBY 3.22 26 ePn 45 41.90 0.9
 CEY 3.23 15 ePn 45 42.00 0.9
 BRT 3.42 119 P 45 44.40 0.6
 VOY 3.44 7 ePn 45 43.80 -0.4
 BOB 3.51 309 P 45 48.20 3.1X
 LJU 3.54 14 ePn 45 46.10 0.6
 SAL 3.58 327 P 45 47.40 1.3
 CTI 3.62 342 P 45 47.50 0.7
 ZAG 3.74 30 ePn 45 49.00 0.6
 PTJ 3.80 30 ePn 45 52.50 3.1X
 RBL 3.83 3 P 45 49.60 -0.1
 HCY 3.87 91 iPnd 45 50.32 0.1
 BRY 3.89 84 iPnd 45 50.91 0.2
 PCP 3.94 301 P 45 53.71 2.5
 FVI 3.99 355 P 45 51.90 0.1
 FIN 4.02 295 P 45 53.89 1.6
 CKI 4.05 298 P 45 53.30 0.5
 MDI 4.06 322 P 45 53.40 0.5
 BDV 4.12 93 iPnd 45 54.40 0.6
 IMI 4.14 290 P 45 54.86 0.8
 NKY 4.22 85 iPnd 45 55.79 0.4
 ROB 4.27 295 P 45 56.59 0.5
 TTG 4.43 90 iPnc 45 58.47 0.3
 SBF 4.44 288 Pn 45 58.50 0.1

ULC 4.48 96 iPnc 46 48.70 -0.3
 OGA 4.54 340 iPnc 46 00.60 0.7
 PLE 4.55 79 iPnd 46 01.44 1.5
 ENR 4.56 293 P 46 01.40 1.3
 SCE 4.56 346 ePn 46 01.70 1.6
 VAI 4.58 317 P 46 00.00 -0.3
 STV 4.63 293 P 46 03.19 2.1
 OSS 4.64 332 iPc 46 02.80 1.5
 SDA 4.65 95 ePn 46 02.80 1.5
 TMA 4.70 319 iPc 46 01.90 -0.3
 VDL 4.73 326 iPd 46 03.50 0.9
 DOI 4.77 295 P 46 03.70 0.6
 ORO 4.85 310 P 46 03.40 -0.9
 ORX 4.86 310 P 46 03.78 -0.6
 PZZ 4.86 295 P 46 04.15 -0.3
 IVA 4.89 85 iPnc 46 05.44 0.7
 BHB 4.89 299 P 46 06.16 1.4
 FRF 4.94 283 Pn 46 04.40 -1.1
 PVY 4.95 88 iPnd 46 06.25 0.6
 LMR 5.01 280 Pn 46 05.50 -0.9
 RSP 5.03 302 P 46 07.60 0.8
 TIR 5.08 102 ePn 46 07.00 -0.3
 BHG 5.11 357 ePn 46 08.40 0.6
 LRG 5.14 282 Pn 46 07.70 -0.4
 LLS 5.23 326 iPc 46 10.20 0.6
 RRL 5.23 298 P 46 11.79 2.0
 LSD 5.24 305 P 46 08.31 -1.6
 KKS 5.32 93 ePn 46 14.00 3.2X
 BERA 5.36 109 ePn 46 10.60 -0.7
 BNI 5.36 299 P 46 11.50 0.0
 PHP 5.41 98 iPnd 46 12.30 0.2
 LPG 5.51 304 Pn 46 14.20 0.4
 LPL 5.53 304 Pn 46 13.90 -0.1
 TPE 5.57 112 ePn 46 13.20 -1.1
 EMS 5.71 309 ePd 46 18.80 2.4
 FUR 5.72 346 eP 46 18.40 2.0
 ZLA 5.97 326 ePc 46 19.90 0.0
 VKA 6.04 20 ePn 46 21.00 0.2
 SKO 6.09 93 iPc 46 21.50 -0.1
 SLE 6.15 328 ePc 46 21.60 -0.9
 ZST 6.19 24 eP 46 22.50 -0.5
 GEC2 6.23 3 Pn 46 22.00 -1.7
 SRO 6.29 33 eP 46 24.60 0.1
 FNA 6.34 104 eP 46 25.50 0.3
 KHC 6.52 2 ePn 46 26.00 -1.7
 WET 6.53 358 ePn 46 27.70 -0.2
 BSF 6.93 321 Pn 46 33.70 0.1
 VAY 7.05 97 iP 46 34.00 -1.1
 CDF 7.16 326 Pn 46 35.10 -1.6
 GRF 7.22 349 ePn 46 38.00 0.6
 HAU 7.27 320 Pn 46 36.50 -1.7
 PRU 7.42 6 ePn 46 35.50 -4.8X
 HOF 7.76 353 eP 46 44.50 -0.5
 SMF 7.84 304 Pn 46 44.50 -1.7
 LBF 7.92 307 Pn 46 45.40 -2.0
 MOX 8.11 353 ePn 46 48.20 -1.7
 LOR 8.13 308 Pn 46 48.10 -2.2
 AVF 8.20 304 Pn 46 49.70 -1.6
 SSF 8.24 306 Pn 46 48.90 -2.9X

BRG 8.27 3 ePn 46 51.00 -1.2
 BGF 8.42 301 Pn 46 52.10 -2.2
 CAF 8.43 290 Pn 46 53.80 -0.7
 MAF 8.47 299 Pn 46 54.30 -0.7
 KSP 8.48 13 eP 46 55.00 -0.1
 WLF 8.60 327 P 46 59.00 2.2
 CLL 8.70 359 ePn 46 58.00 -0.1
 TCF 8.72 299 Pn 47 00.90 2.4X
 RJF 8.89 292 Pn 47 00.00 -0.9
 LPO 9.00 287 Pn 47 01.40 -1.0
 MLR 9.56 68 ePc 47 12.50 2.3X
 DOU 9.58 324 iP 47 12.80 2.5X
 SNF 10.02 325 P 47 19.20 2.8X
 MFF 10.36 297 Pn 47 21.40 0.3
 NB2 18.49 357 P 49 06.90 -0.2
 1.0s 4.30nm 3.6mb
 S.D. = 1.1 on 108 of 117 obs.

OCT 24, 1992 18h 59m 57.21±0.35s
 5.759 S ± 2.4km 145.449 E ± 3.2km
 DEPTH = 110.0 ± 3.3 km
 5.6mb (66 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 27S, 37C
 Centroid Location:
 Origin Time 19:00: 2.4 0.9
 Lot 5.74S 0.09 Lon 145.42E 0.06
 Dep 102.2 4.0 Half-duration 1.1
 Moment Tensor: Scale 10**16 Nm
 Mrr=-1.23 0.35 Mtt= 2.80 0.56
 Mff=-1.57 0.68 Mrt=-5.38 0.37
 Mrf= 2.05 0.43 Mtf=-7.20 0.54
 Principal Axes:
 T Val= 10.74 Plg=25 Azm=214
 N -3.26 57 78
 P -7.48 20 314
 Best Double Couple: Mo=9.1*10**16
 NP1: Strike=355 Dip=57 Slip= 147
 NP2: 263 87

MDG 0.60 33 iPc 00 15.40 0.4
 YYY 0.70 133 iPd 00 15.00 -1.0
 LAT 1.79 120 iPd 00 29.00 1.1
 MNDI 1.82 257 iPd 00 30.60 1.9
 WWKK 2.80 319 iPd 00 41.80 0.6
 PMG 4.00 155 iPd 00 56.70 -0.8
 RAB 6.87 77 iPd 01 38.60 1.7
 CTA 14.26 177 P 03 17.00 1.6
 SVO 14.64 104 eP 03 21.00 0.9
 HNR 14.83 105 eP 03 22.00 -0.5
 QIS 15.77 201 eP 03 33.00 -1.4
 WRA 17.76 216 P 03 57.20 -1.8
 GUA 19.18 358 eP 04 14.30 -0.7
 GUMO 19.23 358 eP 04 14.40 -1.1
 PJG 19.23 358 eP 04 14.20 -1.3
 OLP 20.74 183 iPc 04 30.30 -0.7
 RMO 20.85 172 iPc 04 32.20 0.1
 ASPA 20.99 211 iPc 04 32.20 -1.3
 KUPT 22.06 257 eP 04 46.70 2.5X
 BRS 22.61 163 iPd 04 49.20 -0.3
 ARMA 25.21 167 iPc 05 14.40 0.0
 CMS 25.60 179 iPc 05 17.40 -0.4
 MKS 25.86 270 iPc 05 26.50 6.0X
 DZM 25.98 131 iPc 05 21.00 -0.6

[illegible]

24d 19h

ALN 1.67 15 ePbc 37 14.80 -0.1
 ATH 1.90 227 eSb 37 39.52
 EDC 2.13 60 iPn 37 22.50 0.9
 BNT 2.17 60 iPn 37 22.20 -0.1
 SOH 2.23 314 ePn 37 23.40 0.2
 SRS 2.32 322 ePn 37 24.61 0.2
 THE 2.34 306 eSn 37 24.88 0.1
 KCT 2.43 66 iPn 37 25.70 -0.2
 LIT 2.43 290 iPn 37 26.29 0.2
 AGG 2.45 265 ePnd 37 25.68 -0.6
 RZN 2.46 347 iPc 37 26.00 -0.6
 MMB 2.65 331 iP 37 28.00 -1.2
 KNT 2.71 314 ePn 37 30.04 0.0
 DIM 2.76 1 iPd 37 31.00 0.4
 GRG 2.88 306 ePn 37 32.48 0.1
 VAY 3.00 313 iPn 37 42.60 8.5X

0.8s 316.00nm
 iSn 38 22.70
 Lg 38 27.40
 KZN 3.02 291 eP 37 34.00 -0.4
 DMK 3.07 34 iPn 37 34.50 -0.5
 KKB 3.15 326 iP 37 36.00 -0.2
 VLI 3.25 219 eP 37 37.50 -0.2
 YLV 3.26 66 iPn 37 37.60 -0.3
 ISK 3.27 56 iPn 37 36.80 -1.2
 JMB 3.28 15 iP 37 37.00 -1.1
 KHL 3.31 106 ePn 37 38.00 -0.6
 PGB 3.40 344 iP 37 39.00 -0.8
 FNA 3.48 297 ePn 37 41.40 0.5
 EYL 3.83 69 ePn 37 46.00 0.1
 GPA 3.86 74 eP 37 47.50 1.1
 PVL 3.92 359 iP 37 46.00 -1.1
 NPS 4.02 178 eP 37 44.00 -4.6X
 SKO 4.07 312 iPn 37 49.20 0.0
 ELL 4.33 125 eP 38 01.90 8.8X
 BCK 4.42 113 ePn 37 54.00 -0.3
 DRA 5.46 351 eP 38 12.00 3.1X
 ISR 5.90 7 ePc 38 17.50 2.4X
 COZ 6.08 353 iPc 38 19.00 1.2
 MLR 6.21 3 iPc 38 21.50 1.9
 CFR 6.22 18 eP 38 20.00 0.4
 VRI 6.64 8 ePd 38 26.00 0.4
 DEV 6.85 345 ePd 38 33.00 4.4X
 CLI 7.38 10 ePc 38 37.50 1.6
 LPG 15.14 300 eP 40 28.00 6.6X
 0.9s 13.10nm 4.3mb
 LPL 15.16 300 eP 40 28.10 6.5X
 0.8s 5.90nm 4.0mb
 S.D. = 0.8 on 39 of 47 obs.

OCT 24, 1992 20h 47m 22.49±0.39s
 42.571 N ± 3.5km 13.212 E ± 4.4km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 ML 3.5 (LDG). MD 3.2 (FIR).

AQU 0.26 147 Pc 47 27.30 -0.7
 MNS 0.44 245 eSg 47 31.40
 ASS 0.64 321 Pc 47 31.30 -0.1
 RMP 0.85 207 eSg 47 36.80
 RDP 0.89 205 P 47 34.30 -1.1
 ARV 0.95 348 eSg 47 45.10
 SDI 0.97 152 P 47 39.10 0.2
 DUI 1.30 134 eSg 47 52.30
 CRE 1.40 319 P 47 40.00 0.4
 SFI 1.68 324 eSg 47 53.00
 PGD 1.70 321 P 47 40.00 0.4
 FIR 1.87 311 ePn 47 57.00
 iSn 48 20.00

PII 2.28 301 P 48 01.10 0.4
 BDI 2.42 309 P 48 03.20 0.4
 HVAR 2.45 75 iPn 48 01.40 -1.8
 RIY 2.90 17 ePn 48 32.10
 PGF 3.11 271 Pn 48 13.00 3.5X
 TRI 3.16 7 e(Pn) 48 13.00 0.4
 e 48 35.00
 e 48 47.30
 e(Sg) 49 06.60
 VBY 3.28 26 e(Pn) 48 16.50 1.5
 iSn 48 44.60
 CEY 3.29 15 e(Pn) 48 22.00 7.0X
 eSn 48 53.00
 BRT 3.43 118 P 48 16.20 -0.9
 VOY 3.49 8 e(Pn) 48 19.50 1.5
 eSn 48 56.90
 LJU 3.60 15 ePn 48 28.00 8.6X
 eSn 49 00.00
 SAL 3.60 328 P 48 19.60 0.2
 CTI 3.65 343 P 48 19.90 -0.4
 eSn 49 01.00
 PTJ 3.87 30 ePn 48 31.60 8.2X
 iSn 49 17.00

RBL 3.88 4 P 48 23.50 0.0
 FVI 4.03 356 P 48 24.00 -1.5
 MDI 4.08 323 P 48 25.60 -0.5
 SBF 4.42 289 Pn 48 30.80 -0.3
 Sn 49 23.50
 OGA 4.57 341 iPnc 48 34.10 0.7
 SCE 4.59 347 ePn 48 34.50 0.8
 TMA 4.71 320 ePc 48 34.70 -0.7
 VDL 4.74 327 ePd 48 35.90 0.0
 FRF 4.91 284 Pn 48 34.80 -3.3X
 LMR 4.98 281 Pn 48 36.60 -2.4X
 LRG 5.10 282 Pn 48 39.30 -1.4
 BHG 5.16 357 ePn 48 42.40 0.9
 LLS 5.24 326 ePd 48 43.20 0.3
 LPG 5.50 304 Pn 48 44.20 -2.5X
 LPL 5.52 304 Pn 48 45.40 -1.5X
 SKO 6.13 93 eP 48 53.80 -1.5X
 GEC2 6.28 3 Pn 48 54.20 -3.3
 Sn 50 04.10
 KHC 6.57 2 ePn 49 04.00 2.5
 Sn 50 12.00
 BSF 6.94 321 Pn 49 04.60 -2.2X
 Sn 50 21.00
 VAY 7.09 97 eP 49 06.60 -2.1X
 CDF 7.18 327 Pn 49 07.30 -2.7X
 Sn 50 26.60
 HAU 7.28 321 Pn 49 08.70 -2.7X
 Sn 50 27.90
 SMF 7.83 305 Pn 49 16.30 -2.8X
 Sn 50 42.60
 LBF 7.91 307 Pn 49 18.30 -2.0X
 Sn 50 43.40
 LOR 8.13 308 Pn 49 20.60 -2.7X
 AVF 8.19 304 Pn 49 22.10 -2.1X
 SSF 8.23 306 Pn 49 22.10 -2.6X
 S.D. = 1.1 on 35 of 53 obs.

* OCT 24, 1992 22h 14m 34.67±2.00s
 5.832 S ±17.4km 146.812 E ±18.6km
 DEPTH = 34.3 ± 13.3 km
 4.7mb (3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 0.85 167 iPd 14 49.60 -0.6
 YYY 0.93 244 eP 14 51.50 0.0
 MDG 1.18 299 iPc 14 55.00 0.0
 PMG 3.57 174 iPd 15 29.60 0.6
 WKK 3.86 304 eP 15 35.80 2.5X
 RMO 20.63 175 eP 19 15.00 1.1
 0.7s 25.00nm 4.7mb
 QLP 20.78 187 iPc 19 15.10 -0.4
 0.4s 16.00nm 4.8mb
 ASPA 21.65 214 iPc 19 24.10 -0.2
 0.4s 7.30nm 4.4mb
 BRS 22.18 166 iP 19 29.00 -0.6
 S.D. = 0.8 on 8 of 9 obs.

OCT 24, 1992 22h 16m 07.83±0.14s
 11.829 N ± 3.0km 142.050 E ± 3.1km
 DEPTH = 43.3km (15 depth phases)
 5.5mb (71 obs.) 4.9msz (32 obs.)
 SOUTH OF MARIANA ISLANDS (210)
 CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 32S, 54C
 Centroid Location:
 Origin Time 22:16: 8.2 0.5
 Lat 11.81N 0.05 Lon 142.15E 0.04
 Dep 21.6 2.7 Half-duration 1.4
 Moment Tensor: Scale 10**17 Nm
 Mrr= 0.64 0.05 Mtt=-0.64 0.05
 Mff= 0.00 0.05 Mrt= 1.39 0.19
 Mrf= 0.14 0.09 Mtf=-0.31 0.05
 Principal Axes:
 T Val= 1.53 Plg=57 Azm= 4
 N 0.07 8 261
 P -1.60 32 166
 Best Double Couple:Ma=1.6*10**17
 NP1:Strike=229 Dip=15 Slip= 57
 NP2: 83 77 98

GUMO 3.26 57 eP 16 57.90 0.2
 1.0s *****nm
 eS 17 34.10
 PJG 3.26 57 eP 16 57.50 -0.2
 GUA 3.27 58 ePd 16 57.50 -0.4
 NMCC 4.86 47 eP 17 22.00 1.6
 eS 18 22.00
 8IP 15.96 258 ePd 19 55.00 3.9X
 CGP 17.41 261 iPd 20 16.50 7.2X
 LAT 19.02 165 eP 20 32.40 3.3X
 CVP 20.41 289 ePc 20 46.60 2.6X
 TGY 20.70 279 ePc 20 44.00 -3.0X
 PMG 21.70 166 eP 20 55.00 -2.1
 MAT 24.85 353 eP 21 26.00 -1.7
 1.0s 106.00nm 5.3mb
 Z 20s 2.13um 4.6msz
 eS 26 00.00
 TSM 25.06 255 ePc 21 32.00 2.1
 KKM 26.15 260 ePd 21 42.00 1.8
 SSE 27.19 318 Pd 21 48.60 -0.9
 1.0s 63.00nm 5.2mb
 Z 20s 2.30um 4.7msz
 sP 22 04.50
 S 26 20.00
 NJ2 29.34 317 Pd 22 08.00 -0.8
 pP 22 21.00 51km
 GZH 29.52 296 P 22 15.50 4.9X
 WHN 31.70 310 Pc 22 30.50 0.8
 1.0s 350.00nm 6.1mb
 Z 20s 2.50um 4.9msz
 eS 27 38.00
 QIS 32.27 184 iPd 22 33.60 -1.2
 0.5s 3.00nm 4.4mb X
 WRA 32.47 194 P 22 35.79 -0.7
 DL2 32.51 330 P 22 37.00 0.3
 1.0s 120.00nm 5.7mb
 Z 24s 1.11um 4.5mszX
 TIA 33.09 321 Pc 22 42.10 0.3
 0.9s 60.00nm 5.5mb
 Z 24s 1.55um 4.6mszX
 SNY 33.97 335 Pc 22 49.20 -0.1
 1.0s 47.00nm 5.4mb
 MDJ 34.38 344 eP 22 51.10 -1.7
 CN2 34.93 339 Pc 22 57.00 -0.6
 1.0s 24.00nm 5.1mb
 Z 16s 1.74um 4.9mszX
 N 14s 1.04um
 E 14s 0.36um
 eP 23 07.00 35km
 YSS 35.08 1 iPc 22 57.60 -1.1
 ASPA 36.17 193 iPd 23 08.50 0.2
 0.5s 18.90nm 5.3mb
 eS 28 45.70
 eScS 23 26.00
 BJI 36.22 325 ePc 23 09.00 0.5
 1.2s 200.00nm 5.9mb
 Z 17s 1.76um 4.9mszX
 N 16s 0.93um
 GYA 36.31 299 iPc 23 11.20 1.5
 1.0s 92.00nm 5.7mb
 Z 20s 1.19um 4.7msz
 sP 23 24.80
 TIY 36.96 319 iPc 23 16.00 1.1
 0.9s 140.00nm 5.9mb
 Z 17s 2.03um 5.0mszX
 E 14s 0.94um
 pP 23 28.00 44km
 S 28 58.00

[illegible]

24d 22h

0.8s 36.20nm 5.9mb
 PLM 92.65 55 eP 29 16.95 0.0
 PTI 93.17 45 eP 29 20.25 1.1
 DUG 93.72 48 eP 29 22.00 0.3
 1.1s 14.71nm 5.3mb
 ARUT 94.02 50 (P) 29 24.78 1.6
 GLA 94.37 55 eP 29 25.00 0.3
 MSU 94.73 49 (P) 29 27.30 0.8
 DAU 94.77 47 eP 29 27.10 0.3
 EMUT 95.30 48 eP 29 29.52 0.4
 KAS 95.57 314 iPd 29 30.60 0.5
 SRU 95.75 48 eP 29 30.96 -0.2
 HFS 97.34 337 eP 29 36.50 -1.1
 0.8s 9.20nm 5.4mb
 NB2 97.68 338 P 29 37.20 -2.0
 0.9s 10.50nm 5.4mb
 TUC 97.84 55 eP 29 41.52 1.0
 0.9s 4.34nm 5.0mb
 Z 19s 0.35um 4.8msz
 RSSD 98.31 42 P 29 50.00 7.4X
 Z 19s 0.22um 4.7msz
 GOL 99.23 46 P 30 00.00 13.1X
 Z 19s 0.47um 5.0msz
 UZH 99.78 324 eP 29 49.50 0.6
 Z 20s 1.00um 5.3msz
 E 20s 1.50um
 ALO 100.29 51 Pdifff 30 00.00 8.3X
 Z 21s 0.25um 4.7msz
 OJC 100.34 326 ePdifff 29 50.50 -0.8
 KSP 101.84 328 ePdifff 29 57.30 -0.7
 BRG 103.02 329 ePdifff 30 02.20 -1.0
 CLL 103.21 330 iPdifff 30 03.00 -1.0
 1.2s 12.00nm 5.5mb
 PRU 103.25 328 ePdifff 30 04.00 -0.3
 KHC 104.27 328 ePdifff 30 08.10 -0.8
 GEC2 104.38 328 Pdifff 30 08.70 -0.8
 0.9s 1.87nm 5.0mb
 GRF 105.12 329 ePdifff 30 12.00 0.2
 Z 24s 0.40um 4.9mszX
 MIAR 109.96 46 ePKP 34 37.10 0.4
 Z 20s 0.28um 4.8msz
 FVM 110.27 42 PKP 34 50.00 12.9X
 Z 20s 0.61um 5.2msz
 RSNY 114.82 28 PKP 35 00.00 14.3X
 Z 19s 0.26um 4.9msz
 LMN 117.70 21 ePKP 34 54.00 2.9X
 HRV 117.76 28 PKP 35 00.00 8.7X
 Z 21s 0.19um 4.7msz
 CEH 118.67 38 PKP 35 00.00 6.8X
 Z 21s 0.36um 5.0msz
 BCAA 121.56 283 iPKPc 34 59.70 0.3
 0.2s 20.00nm
 NNA 141.97 94 ePKP 35 38.00 0.1
 0.9s 10.00nm
 KIC 142.35 297 PKP 35 34.18 -4.4X
 TIC 142.46 298 PKP 35 34.16 -4.6X
 LIC 142.66 297 PKP 35 34.62 -4.5X
 0.7s 14.50nm
 BPA 142.83 40 ePKP 35 35.50 -3.8X
 FDF 145.00 42 ePKP 35 42.21 -0.8
 CRM 145.14 41 ePKP 35 42.02 -1.2
 BIM 145.21 42 ePKP 35 43.10 -0.3
 MVM 145.30 42 ePKP 35 43.10 -0.4
 RTCV 145.50 130 iPKPc 35 44.30 0.8
 ARE 147.18 102 ePKP 35 51.00 4.0X
 MRA 147.29 133 e(PKP) 35 57.20 10.9X
 TRN 147.73 47 ePKP 35 50.00 2.5X
 TBH 148.08 47 ePKP 35 52.50 4.4X
 TCA 148.67 132 ePKP 35 49.20 0.5
 i 35 52.70
 CNCB 150.50 103 PKP 36 00.00 7.5X
 BAO 169.54 112 PKPd 36 12.10 -0.4
 e 36 28.90
 e 37 03.80
 e 37 27.00
 PDCR 178.66 121 ePKP 36 13.10 -2.1
 S.D. = 1.0 on 175 of 202 obs.
 * OCT 24, 1992 22h 23m 57.15 ± 2.20s
 5.841 S ± 19.2km 146.820 E ± 21.8km
 DEPTH = 33.0km (normal)
 4.7mb (2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 LAT 0.84 168 iPd 24 12.10 -0.4
 YYYY 0.94 245 eP 24 14.00 -0.1

MDG 1.19 300 iPc 24 17.60 0.1
 MNDI 3.16 264 iP 24 50.70 4.7X
 eS 25 41.50
 PMG 3.56 175 eP 24 52.00 0.6
 eS 25 36.00
 WWKK 3.87 305 eP 24 59.80 3.9X
 RMO 20.62 175 iPc 28 38.80 2.4X
 0.8s 29.00nm 4.7mb
 QLP 20.77 187 eP 28 37.80 -0.2
 0.4s 15.00nm 4.7mb
 S.D. = 0.5 on 5 of 8 obs.
 OCT 24, 1992 23h 00m 28.70 ± 0.16s
 30.090 S ± 4.4km 177.215 W ± 4.8km
 DEPTH = 10.0km (geophysicist)
 5.5mb (42 obs.) 5.2msz (22 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 365, 61C
 Centroid Location:
 Origin Time 23:00:34.5 0.4
 Lat 29.76S 0.05 Lon 176.93W 0.03
 Dep 20.7 1.7 Half-duration 1.7
 Moment Tensor: Scale 10**17 Nm
 Mrr= 1.47 0.04 Mtt= 0.28 0.06
 Mff=-1.75 0.06 Mrt= 0.49 0.10
 Mrf= 1.45 0.16 Mtf=-0.34 0.04
 Principal Axes:
 T Vol= 2.08 Plg=68 Azm=299
 N 0.31 6 194
 P -2.40 21 101
 Best Double Couple: Mo=2.2*10**17
 NP1: Strike=179 Dip=24 Slip= 74
 NP2: 16 67 97
 RAD 1.04 324 Pc 00 47.70 -0.5
 UZ 9.18 228 eP 02 50.40 6.3X
 WCU 9.28 234 eP 02 51.70 6.2X
 URZ 9.41 208 eP 02 44.60 -2.6X
 S 04 33.80
 MOZ 10.67 216 eP 03 08.40 3.7X
 KIW 12.51 209 eP 03 24.00 -5.6X
 SVA 12.56 341 ePc 03 26.10 -4.1X
 CAW 12.65 208 eP 03 26.30 -5.2X
 MRW 12.90 208 P 03 35.20 0.4X
 S 05 54.00
 MRW 12.90 208 eP 03 30.70 -4.1X
 THZ 14.12 212 eP 03 49.90 -1.0
 S 06 24.10
 KHZ 14.37 209 eP 03 52.50 -1.6
 S 06 28.60
 DSZ 14.63 214 eP 03 56.10 -1.4
 LTZ 15.22 211 eP 04 05.50 0.3
 MOZ 15.81 208 eP 04 12.20 -0.6
 eS 06 59.20
 DZM 16.70 295 iPd 04 28.80 4.4X
 AFI 16.87 18 eP 04 23.00 -3.6X
 eS 07 09.00
 LMZ 17.34 215 eP 04 31.30 -0.9
 ODZ 17.73 209 eP 04 40.40 3.3X
 eS 07 47.20
 PVC 18.04 310 iPc 04 43.80 2.7X
 BKM 18.13 310 iPc 04 43.90 1.6
 LRCZ 18.32 212 eP 04 44.40 -0.1
 MHZ 18.34 212 eP 04 44.10 -0.7
 LSCZ 18.34 211 eP 04 44.10 -0.7
 SBCZ 18.35 212 eP 04 44.70 -0.2
 MMCZ 18.37 212 eP 04 44.80 -0.3
 CMZC 18.41 212 eP 04 45.50 -0.2
 TLC 18.54 212 eP 04 47.60 0.4
 SZ 20.25 210 eP 05 11.80 5.1X
 BRS 26.42 268 iPc 06 10.50 3.1X
 1.2s 28.00nm 4.8mb
 ARMA 26.88 261 iPd 06 15.00 3.3X
 0.5s 39.00nm 5.4mb
 RIV 27.03 254 eP 06 17.30 4.4X
 AFR 27.96 70 eP 06 19.00 -2.4X
 1.3s 70.00nm 5.3mb
 PAE 28.05 70 eP 06 19.00 -3.3X
 1.3s 85.00nm 5.4mb
 PPN 28.24 70 eP 06 20.00 -4.0X
 1.3s 70.00nm 5.3mb
 CNB 28.52 251 eP 06 29.00 2.5
 1.1s 47.00nm 5.2mb
 CAN 28.82 251 iPd 06 32.30 3.2X

BWA 29.30 252 iPd 06 34.20 0.7
 RMO 30.11 268 iPd 06 42.50 1.7
 1.1s 152.00nm 5.7mb
 VAH 30.93 68 eP 06 50.00 2.0
 1.3s 50.00nm 5.2mb
 CMS 31.69 258 eP 06 56.00 1.4
 1.1s 138.00nm 5.8mb
 TOO 31.71 246 eP 06 57.10 2.3
 1.3s 189.00nm 5.9mb
 QLP 34.00 266 eP 07 15.10 0.3
 0.4s 28.00nm 5.5mb
 BFD 34.05 247 iPd 07 17.30 2.2
 1.2s 43.00nm 5.3mb
 CTA 34.42 278 P 07 19.70 1.2
 STK 35.21 256 P 07 27.39 2.2
 QIS 39.97 273 eP 08 05.50 0.3
 LAT 40.89 297 eP 08 11.60 -1.2
 ASPA 43.81 266 iPc 08 36.00 -0.6
 0.5s 38.30nm 5.5mb
 Z 20s 10.10um 5.7msz
 iS 15 03.70
 DRV 44.69 203 eP 08 47.10 4.0X
 WRA 44.76 271 P 08 43.80 -0.6
 0.8s 46.30nm 5.4mb
 WRA 44.76 271 P 09 03.00 18.6X
 1.3s 6.90nm
 WARB 49.25 260 eP 09 17.50 -2.1X
 HON 54.36 22 P 10 10.00 12.2X
 Z 19s 1.39um 5.0msz
 KLB 55.09 251 iPc 10 02.50 -0.7
 CSY 55.73 208 P 10 10.30 2.9X
 GUMO 56.74 314 eP 09 54.00 -21.2X
 Z 27s 2.71um 5.2mszX
 NANU 60.00 260 eP 10 36.70 -1.2
 SPA 60.08 180 iPc 10 43.30 5.1X
 1.0s 60.00nm 5.7mb
 Z 20s 1.35um 5.1msz
 CGP 67.65 295 iPc 11 26.00 -2.3
 MAW 72.84 200 ePc 12 01.00 2.0
 1.2s 68.00nm 5.6mb
 MAT 78.38 325 eP 12 28.00 -2.9X
 1.4s 60.47nm 5.5mb
 KGM 81.90 277 eP 12 50.00 -0.2
 SMY 82.82 355 P 13 00.00 6.0X
 Z 20s 2.60um 5.6msz
 SSE 84.42 311 P 13 02.00 -0.7
 1.0s 18.00nm 5.3mb
 Z 20s 0.60um 5.0msz
 ABL 84.60 44 ePc 13 03.75 -0.1
 YSS 84.83 334 ePc 13 03.20 -1.2
 1.1s 60.00nm 5.7mb
 PKEM 84.89 43 (P) 13 06.32 1.4
 ARN 84.95 41 eP 13 05.36 0.1
 NTYM 85.04 40 eP 13 06.08 0.5
 PLM 85.07 47 ePc 13 06.32 0.1
 IPM 85.17 278 ePd 13 06.00 -0.8
 0.5s 18.00nm 5.5mb
 PET 85.39 346 eP 13 08.00 1.0
 ISA 85.60 44 ePc 13 08.71 0.1
 1.0s 37.38nm 5.5mb
 Z 18s 0.90um 5.2msz
 CMB 86.08 41 eP 13 10.56 -0.4
 1.0s 45.15nm 5.6mb
 Z 18s 1.34um 5.4msz
 GLA 86.18 48 ePd 13 12.40 0.9
 GSC 86.38 45 iPd 13 12.76 0.2
 ORV 86.50 40 ePc 13 12.54 -0.3
 NJ2 86.56 310 eP 13 13.00 -0.3
 WDC 86.65 38 ePc 13 13.22 -0.4
 1.1s 87.18nm 5.9mb
 Z 18s 1.22um 5.3msz
 eP 13 25.18 39kmX
 SNG 86.83 280 eP 13 04.00 -11.0X
 BONR 87.24 43 eP 13 17.09 0.2
 LBFM 87.54 38 eP 13 17.87 -0.3
 MDZ 87.72 127 eP 13 21.70 2.5X
 TPNV 87.80 45 eP 13 20.23 0.8
 0.8s 31.08nm 5.7mb
 TNP 87.96 43 iPc 13 20.21 0.0
 0.9s 33.58nm 5.7mb
 TUC 88.39 51 eP 13 22.43 0.2
 1.0s 26.38nm 5.5mb
 Z 18s 0.70um 5.1msz
 WHN 88.70 307 eP 13 25.00 1.3
 MDJ 88.76 325 eP 13 22.50 -1.1
 1.3s 63.00nm 5.7mb
 SNY 89.99 320 Pc 13 27.60 -1.8

ARUT	1.4s	94.00nm	5.8mb	PDCR	121.49	130 (PKP)	19 26.00	1.4	ESY	153.90	7 ePKP	20 36.90	16.0X
TIA	90.05	45 eP	13 30.81	FRU	122.46	304 iPKP	19 25.60	-0.1	DVR	153.92	303 ePKP	20 29.20	7.6X
	90.26	313 Pc	13 30.40	BUL	124.21	210 iPKPd	19 31.40	1.5	SGKT	154.04	302 ePKP	20 29.90	8.0X
	1.3s	62.00nm	5.7mb		1.0s	11.00nm			PPCY	154.66	289 ePKP	20 31.70	9.1X
	26s	1.48um	5.3MsZ	QUE	125.21	287 ePKP	19 31.50	-0.2	NAL	154.69	301 ePKP	20 31.40	8.7X
CN2	90.31	322 Pc	13 30.00			e(S)	22 10.00		CFR	155.03	314 ePKP	20 20.00	-2.7X
	1.2s	190.00nm	6.2mb	LMN	125.99	53 ePKPc	19 35.00	2.5X	PTT	155.17	319 ePKP	20 30.00	7.1X
		epP	13 41.00	BRVK	126.72	316 iPKPc	19 32.80	-0.8	KIC	155.36	162 PKP	20 25.60	1.5
BMW	90.48	34 eP	13 32.06		1.4s	58.00nm			EYL	155.43	303 ePKP	20 25.00	1.4
SHW	90.76	35 ePc	13 33.36	SVE	132.09	321 ePKPd	19 43.00	-0.7	TIC	155.55	161 PKP	20 26.40	2.0
VGB	91.02	36 eP	13 33.58		2.0s	100.00nm			VRI	155.55	317 ePKPd	20 35.00	11.5X
MSU	91.29	45 ePc	13 36.51			e	19 58.00		OJC	156.16	332 ePKP	20 24.60	0.4
LON	91.36	34 eP	13 35.28			e	22 02.00				e	20 49.80	
GMW	91.45	33 eP	13 35.87	MAIO	132.71	293 ePKP	19 46.00	0.3	MLR	156.22	317 ePKPd	20 26.50	1.9
NST	91.55	287 eP	13 40.70	ARU	133.26	321 (PKP)	19 45.00	-0.9	UZH	156.23	327 ePKPc	20 34.00	9.7X
DUG	91.94	44 eP	13 38.69		2.0s	150.00nm				1.5s	80.00nm		
	1.4s	13.82nm	5.1mb			e	20 00.00				e	20 41.50	
GYA	91.99	299 P	13 38.20	ASH	133.86	295 ePKP	19 48.50	0.8	SPC	156.76	330 ePKP	20 25.70	0.5
	1.0s	14.00nm	5.3mb	SDF	140.07	346 iPKP	19 52.00	-6.4X	KSP	156.93	338 ePKP	20 25.00	-0.2
SRU	92.67	46 eP	13 41.87	GRS	143.33	297 ePKP	20 01.00	-4.2X		1.4s	180.00nm		
ALO	92.85	51 eP	13 43.29		1.3s	80.00nm					e	20 35.00	
	0.9s	12.79nm	5.3mb	TAB	143.34	294 ePKP	20 02.00	-3.2X			id	20 54.20	
		epP	13 55.92	GRO	143.55	303 iPKPd	20 02.50	-2.7X	COZ	157.25	318 ePKPd	20 28.00	2.0
		esP	14 03.26			ipP	20 15.00		CLL	157.47	343 ePKP	20 25.00	-0.8
EMUT	92.92	45 eP	13 43.28	MTA	144.37	301 iPKP	20 04.00	-2.6X		1.6s	20.00nm		
DAU	93.01	44 eP	13 43.80	MOS	144.46	326 iPKPc	20 03.00	-3.3X			e	20 36.00	
BJI	93.18	315 eP	13 44.00		1.7s	260.00nm					i	20 56.30	
	1.7s	130.00nm	6.1mb	KAF	144.48	341 iPKP	20 02.00	-4.2X	BRG	157.62	341 ePKP	20 24.40	-1.6
	24s	0.96um	5.2MsZ		0.7s	27.60nm				1.2s	95.00nm		
CRP	93.29	12 eP	13 41.82	ERE	144.71	298 iPKP+	20 05.60	-1.8		Z 20s	2.50um		6.0MsZ
MGD	93.63	345 eP	13 43.00		1.4s	34.00nm				N 20s	1.50um		
	1.0s	50.00nm	5.9mb	PUL	145.00	336 (PKP)	20 05.00	-2.1		E 20s	1.00um		
		eS	24 50.00		1.8s	500.00nm					i	20 26.00	
		ePS	26 12.00			e	20 17.00				i	20 56.80	
PTI	93.86	42 eP	13 47.95	OBN	145.29	326 iPKPc	20 06.00	-1.8	PSZ	157.87	328 e(PKP)	20 42.80	16.3X
		epP	14 00.27		1.2s	450.00nm			WTS	157.91	353 ePKP	20 27.00	0.8
DPW	93.92	35 eP	13 47.17	PYA	145.33	305 iPKPc	20 07.00	-1.3		1.2s	21.00nm		
		epP	13 59.31		1.3s	600.00nm					ePKPab20	58.00	
CHG	94.12	289 eP	13 49.00	NUR	146.25	341 iPKP	20 08.90	-0.3	PRU	158.23	339 ePKP	20 26.50	-0.2
PMR	94.15	13 P	14 00.00		0.9s	285.90nm				1.5s	74.80nm		
	18s	0.74um	5.2MsZ	MOL	147.36	356 ePKP	20 12.10	1.2			e	21 00.00	
TIY	94.17	312 iPd	13 50.10	SOC	147.79	305 iPKP	20 14.50	2.3	MOX	158.42	345 ePKP	20 26.80	-0.1
	26s	0.99um	5.2MsZ		1.0s	200.00nm				1.5s	89.00nm		
XAN	94.47	307 eP	13 49.80		Z 20s	0.50um		5.3MsZ			i	21 00.20	
NEW	94.73	36 eP	13 50.40	NB2	148.54	352 PKP	20 12.40	-0.6	BUD	158.58	329 e(PKP)	20 27.00	-0.2
	1.0s	6.50nm	5.0mb		1.1s	89.70nm			ZST	158.84	333 ePKP	20 27.10	-0.3
BW06	95.45	43 eP	13 54.00	UPP	148.59	346 iPKP	20 14.30	1.4			i	21 02.00	
	1.2s	8.68nm	5.1mb			i	20 17.90		VKA	159.09	334 ePKP	20 27.00	-0.7
GOL	96.26	48 P	14 10.00	HFS	149.07	349 ePKP	20 12.20	-1.5		1.5s	146.00nm		
	22s	1.08um	5.3MsZ		1.1s	87.90nm					i	21 04.50	
HHC	96.51	314 P	14 00.60		Z 17s	281.00um		8.1MsZ	ENN	159.21	354 e(PKP)	20 27.00	-0.7
	1.2s	8.10nm	5.1mb			LR	13 00.00			1.3s	20.00nm		
BTO	97.34	313 eP	14 04.00	ANN	149.15	308 ePKP	20 17.50	3.2X			ePKPab21	03.50	
FBA	97.42	12 eP	14 00.76		1.0s	80.00nm			UCC	159.28	357 PKP	20 18.00	-9.8X
	0.7s	5.18nm	5.3mb	KONO	150.08	353 ePKP	20 20.00	4.7X			e	21 03.00	
LZH	99.08	306 eP	14 11.00	MNK	150.20	330 ePKP	20 16.00	0.4	KHC	159.29	340 PKP	20 27.10	-0.9
	2.0s	20.00nm	5.4mb	AKKT	150.31	300 ePKP	20 22.30	5.8X		1.5s	17.50nm		
	20s	0.50um	5.0MsZ	SVST	150.53	298 ePKP	20 22.90	6.1X			i	21 05.00	
RSSD	99.52	44 eP	14 12.87	KMY	150.83	357 iPKPc	20 21.59	5.2X	GRF	159.41	344 ePKP	20 28.00	0.0
	1.1s	19.78nm	5.6mb	KVT	150.97	301 iPKP	20 24.00	6.7X		Z 21s	0.40um		5.2MsZ
	19s	1.11um	5.4MsZ	TRHT	151.01	300 ePKP	20 23.30	5.8X	WET	159.48	341 ePKP	20 28.50	0.3
MIAR	101.67	57 Pd iff	14 30.00	JARJ	151.60	283 PKPc	20 25.00	6.5X	GEC2	159.50	339 PKP	20 27.70	-0.6
	21s	0.47um	5.0MsZ	BURJ	151.72	283 PKPc	20 25.00	6.2X		1.2s	5.78nm		
FVM	105.51	55 PKP	19 00.00	MASJ	151.75	282 PKPc	20 24.50	5.7X	BHG	160.75	339 ePKP	20 20.90	-8.6X
	18s	0.81um	5.3MsZ	KFNJ	151.80	282 PKPd	20 25.60	6.9X			i	21 11.60	
ZAK	106.39	319 ePd iff	14 48.00	DHLJ	151.92	280 PKPd	20 25.60	6.7X	SKO	160.86	313 i(PKP)	20 29.60	-0.2
	1.2s	6.00nm	5.5mb	BHL	151.93	286 PKP	20 24.00	5.0X		1.5s	222.00nm		
GBA	109.85	275 PKP	19 03.00	CTK	151.96	301 ePKP	20 26.20	7.3X			i	21 12.50	
HYB	110.60	279 ePKP	19 02.00	JVI	152.08	282 ePKP	20 19.00	-0.2	PTJ	161.15	330 ePKP	20 32.40	2.3
MBC	111.96	13 ePKP	19 03.50	MBH	152.23	277 ePKP	20 19.80	0.3	KBA	161.17	337 iPKPd	20 29.00	-1.2
CEH	112.99	61 PKP	19 20.00	KART	152.24	302 ePKP	20 26.50	7.1X			i	21 12.30	
	18s	0.47um	5.1MsZ	ADI	152.26	285 ePKP	20 19.50	0.1			i	21 24.70	
WMO	113.57	308 ePKP	19 05.00	AKSR	152.32	264 iPKPc	20 27.30	7.6X	HAU	161.90	352 ePKP	20 30.70	0.0
	24s	0.57um	5.1MsZ	RMN	152.55	279 ePKP	20 20.20	0.2		1.4s	20.50nm		
ELT	117.25	318 iPKPd	19 14.00	KAS	152.58	303 iPKPc	20 27.60	7.9X		Z 20s	0.28um		
	1.4s	23.00nm		AKUR	152.62	264 iPKPc	20 27.50	7.4X	BSF	162.02	351 ePKP	20 30.60	-0.3
RSNY	119.00	53 PKP	19 30.00	ASKD	152.88	263 iPKPc	20 28.50	8.1X		1.7s	48.50nm		
	19s	0.40um	5.1MsZ	EDU	153.24	7 ePKP	20 27.00	7.0X	CTI	162.63	339 PKP	20 31.60	0.0
NRI	119.45	336 iPKPd	19 18.00	EAB	153.43	9 ePKP	20 27.00	6.8X	LOR	162.83	358 ePKP	20 31.80	0.2
	1.3s	37.00nm			1.1s	37.00nm				1.3s	29.25nm		
	20s	2.20um	5.8MsZ	EBH	153.48	8 ePKPd	20 27.60	7.3X		Z 20s	0.40um		
	20s	0.30um			1.1s	89.00nm			SSF	163.04	358 ePKP	20 32.10	0.3
HRV	120.58	56 PKP	19 30.00	BBTK	153.68	300 ePKP	20 20.00	-1.3		1.3s	26.00nm		
	18s	0.80um	5.4MsZ	KIS	153.69	317 iPKPc	20 28.00	7.1X	LBF	163.11	357 ePKP	20 32.10	0.2
KSH	120.65	301 PKP	19 23.00		1.5s	300.00nm				1.4s	40.10nm		
		e	19 33.00	CSS	153.85	289 ePKP	20 30.00	8.4X	AVF	163.32	359 ePKP	20 32.00	-0.1
						e	20 43.00			1.6s	31.10nm		

24d 23h

VAI 163.57 345 PKP 20 32.40 0.1
 TCF 163.82 1 ePKP 20 32.80 0.1
 1.6s 45.40nm
 MAF 163.89 1 ePKP 20 33.30 0.6
 1.4s 25.70nm
 LPL 164.29 350 ePKP 20 33.80 0.4
 1.3s 16.25nm
 PAB 168.90 30 iPKPd 20 38.50 1.6
 EVAL 169.11 44 iPKPd 20 34.70 -2.2
 EHOR 169.81 39 ePKP 20 36.50 -0.8
 EBAN 170.28 32 ePKP 20 38.60 1.0
 EVIA 170.42 26 ePKP 20 39.30 1.5
 EJIF 170.62 45 ePKP 20 23.00 -14.8X
 MAL 171.06 40 iPKPd 20 39.00 1.0
 ECOG 171.09 35 ePKP 20 30.80 -7.4X
 EGUA 171.44 37 ePKP 20 26.00 -12.2X
 EALH 171.50 23 ePKP 20 36.30 -1.9
 ENIJ 171.97 30 iPKPd 20 27.60 -10.8X
 S.D. = 1.1 on 159 of 251 obs.

OCT 25, 1992 00h 29m 18.37±0.15s
 29.900 S ± 4.3km 177.352 W ± 4.5km
 DEPTH = 26.3km (12 depth phases)
 5.7mb (49 obs.) 5.8Msz (42 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)
 Felt (IV) on Raoul Island.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 41S, **C
 Centroid Location:
 Origin Time 00:29:24.9 0.2
 Lat 29.59S 0.03 Lon 177.16W 0.02
 Dep 22.9 1.1 Half-duration 2.4
 Moment Tensor: Scale 10**17 Nm
 Mrr=7.11 0.12 Mtt=1.30 0.16
 Mff=-8.41 0.20 Mrt=1.27 0.22
 Mrf=7.07 0.43 Mtf=-3.02 0.13
 Principal Axes:
 T Val= 9.85 Plg=69 Azm=272
 N 2.11 4 13
 P -11.96 21 105
 Best Double Couple: Ma=1.1*10**18
 NP1:Strike=203 Dip=25 Slip= 100
 NP2: 11 66 85

RAO 0.81 323 iPc 29 34.00 0.2
 WCZ 9.22 227 eP 31 37.80 5.2X
 OUZ 9.30 233 eP 31 38.70 5.0X
 URZ 9.52 207 eP 31 33.90 -2.8X
 1.4s 33.23.50
 WLZ 9.87 215 eP 31 44.50 2.8X
 MOZ 10.76 215 eP 31 56.70 2.9X
 SVA 12.34 341 eP 32 14.70 -0.5
 KIW 12.62 208 eP 32 13.40 -5.6X
 MRW 13.02 208 eP 32 20.10 -4.1X
 1.4s 34 41.60
 TCW 13.18 209 eP 32 20.40 -5.9X
 THZ 14.22 211 eP 32 36.80 -3.3X
 KHZ 14.48 208 eP 32 39.90 -3.5X
 1.4s 35 14.30
 DSZ 14.72 214 eP 32 44.70 -1.9
 MOZ 15.92 207 eP 32 58.20 -3.9X
 1.4s 35 44.50
 DZM 16.51 294 iPc 33 13.40 3.5X
 1.4s 36 30.10
 AF1 16.73 19 eP 41 50.00 -3.6X
 1.4s 36 08.00
 LMZ 17.43 214 eP 33 20.60 -0.5
 BWZ 17.76 211 eP 33 23.50 -1.7
 PVC 17.83 310 iPc 33 30.80 4.6X
 ODZ 17.84 209 eP 33 26.50 0.3
 BKM 17.92 310 iPc 33 32.10 4.7X
 RAR 18.05 65 P 33 25.00 -4.0X
 1.4s 36 25.00
 LRCZ 18.42 211 eP 33 32.50 -1.0
 MHZ 18.44 211 eP 33 31.70 -2.1
 LSCZ 18.45 211 eP 33 32.50 -1.3
 SBCZ 18.45 211 eP 33 32.20 -1.7
 MMCZ 18.47 212 eP 33 32.50 -1.6
 CMCZ 18.51 211 eP 33 33.40 -1.2
 TLC 18.64 211 eP 33 35.10 -1.1
 TUZ 18.99 209 P 33 40.20 -0.2
 BRS 26.30 268 iPd- 34 58.00 4.2X
 1.2s 46.00nm 5.0mb
 e 39 57.00
 e 41 54.00

ARMA 26.79 261 iPc 35 02.00 3.7X
 0.8s 85.00nm 5.4mb
 RIV 26.97 253 iPd+ 35 04.50 4.7X
 Z 18s 2.13um 4.7MszX
 eS 39 38.00
 CNB 28.47 250 iPd 35 16.10 2.7
 1.0s 155.00nm 5.7mb
 iScP 42 21.80
 CAN 28.77 250 eP 35 18.70 2.6
 eP 35 25.30 23km
 BWA 29.24 252 eP 35 20.50 0.1
 eP 35 26.70 22km
 RMQ 30.00 268 iPd 35 29.30 2.1
 1.1s 399.00nm 6.2mb
 eScP 42 11.40
 i 42 35.30
 CMS 31.61 258 eP 35 44.30 3.0X
 1.0s 201.00nm 6.0mb
 TOO 31.68 246 iPd 35 44.40 2.5
 1.0s 165.00nm 5.9mb
 i 36 07.30 101kmX
 e 42 30.00
 QLP 33.90 266 iPd 36 03.10 1.8
 0.4s 97.00nm 6.1mb
 BFD 34.01 247 iPd 36 04.30 2.1
 1.4s 113.00nm 5.6mb
 e 36 23.20 80kmX
 CTA 34.28 278 P 36 07.00 2.4
 STK 35.14 256 P 36 14.39 2.5
 ADE 37.20 250 ePc 36 30.80 1.5
 RAB 38.52 306 eP 36 37.00 -3.5X
 PMG 38.91 294 eP 36 41.00 -2.7X
 QIS 39.84 273 eP 36 52.60 1.1
 LAT 40.70 297 eP 36 58.70 0.1
 ASPA 43.70 266 iPc 37 22.70 -0.4
 1.0s 92.90nm 5.5mb
 Z 20s 43.00um 6.4Msz
 iPcP 39 10.20
 eScP 43 12.20
 eS 43 50.30
 WRA 44.64 271 P 37 30.40 -0.3
 0.7s 69.30nm 5.7mb
 WRA 44.64 271 P 37 48.00 17.3X
 1.3s 20.10nm
 DRV 44.82 203 iP 37 34.00 2.5
 S 44 04.00
 SS 47 34.00
 SBA 48.58 184 iPc 38 07.00 6.1X
 WARB 49.16 260 eP 38 04.00 -2.2X
 COOL 52.45 252 eP 38 30.00 -1.1X
 MHA 53.91 25 eP 38 41.02 -0.8
 HON 54.23 22 P 38 50.00 5.9X
 Z 19s 5.09um 5.6Msz
 KLB 55.04 251 eP 38 48.30 -1.8
 0.7s 58.00nm 5.7mb
 CSY 55.85 208 P 39 05.50 10.0X
 BAL 56.19 251 eP 38 56.50 -1.9
 MUN 56.20 250 eP 38 57.00 -1.4
 1.0s 90.00nm 5.8mb
 Z 20s 8.80um 5.8Msz
 GUA 56.46 314 eP 39 00.00 -0.5
 0.8s 161.19nm 6.1mb
 MRWA 57.20 253 eP 39 04.30 -1.4
 0.6s 10.00nm 5.0mb
 KUPT 58.22 277 eP 39 14.00 1.0
 NANU 59.91 260 eP 39 23.00 -1.6X
 0.6s 37.00nm 5.7mb
 SPA 60.27 180 iPc 39 30.20 3.5X
 0.9s 163.64nm 6.2mb
 Z 19s 6.31um 5.8Msz
 MKS 64.21 279 iPd 39 52.80 -0.7
 CGP 67.46 295 iPd 40 13.00 -1.3
 TRT 68.89 273 ePd 40 05.40 -17.9X
 1.0s 67.90nm
 TSM 70.60 287 ePc 40 33.00 -0.7
 AIA 72.15 156 e(P) 40 51.00 8.8X
 KKM 72.94 288 ePc 40 46.40 -1.4
 MAW 72.97 200 iPc 40 49.00 2.0
 1.2s 191.00nm 6.0mb
 Z 16s 5.00um 5.9MszX
 CVP 75.31 301 ePd 41 09.00 7.7X
 PIP 76.59 300 eP 41 25.00 16.5X
 KAKJ 76.92 326 eP 41 09.90 -0.1
 CHJJ 77.37 325 P 41 11.40 -1.1
 MAT 78.15 325 eP 41 11.00 -5.8X
 2.0s 247.00nm 5.9mb

Z 20s 3.19um 5.6Msz
 eS 51 07.00
 KAGJ 78.17 317 eP 41 21.10 4.1X
 MTMJ 78.39 325 P 41 17.40 -0.8
 TKSJ 78.39 320 eP 41 17.70 -0.5
 OFUJ 78.53 329 eP 41 24.20 5.4X
 YAMJ 78.55 327 eP 41 26.00 7.0X
 KUMJ 79.17 317 eP 41 31.00 8.6X
 NVL 79.41 183 iPc 41 27.00 3.9X
 1.4s 57.00nm 5.4mb
 Z 18s 3.40um 5.7Msz
 N 18s 2.40um
 E 17s 1.50um
 ePcP 41 39.00
 e 44 06.00
 eS 51 27.00
 eScS 51 34.00
 eSS 56 08.00
 eSSS 00 13.00
 YONJ 79.61 321 eP 41 22.80 -2.0
 SHNJ 80.15 319 eP 41 33.20 5.5X
 KGM 81.76 277 eP 41 36.50 -0.1
 QZH 82.13 305 P 41 42.20 3.9X
 Z 24s 2.70um 5.5MszX
 ASAJ 82.24 332 eP 41 43.60 5.2X
 SMY 82.62 355 (P) 41 38.16 -1.9
 1.3s 546.81nm 6.5mb
 Z 20s 5.73um 5.9Msz
 SSE 84.20 311 P 41 46.00 -2.7X
 1.0s 18.00nm 5.2mb
 Z 20s 1.80um 5.5Msz
 BCM 84.26 44 eP 41 49.73 0.6
 PRS 84.28 42 iPc 41 49.55 0.5
 ABL 84.55 45 eP 41 51.22 0.5
 PRI 84.56 43 iPc 41 51.23 0.6
 YSS 84.61 334 ePc+ 41 50.10 -0.3
 1.1s 50.00nm 5.7mb
 e 41 57.60 24km
 (S) 52 11.00
 BKS 84.85 41 iPc 41 52.30 0.5
 GZH 84.88 300 P 41 52.60 0.3
 NTYM 84.97 40 eP 41 53.30 0.9
 IPM 85.02 278 ePd 41 53.50 0.3
 0.6s 35.50nm 5.8mb
 PLM 85.03 47 eP 41 53.36 0.3
 e 42 02.63 29km
 SSK 85.07 46 eP 41 53.70 0.4
 PET 85.18 346 eP 41 52.00 -1.1
 eS 52 15.00
 QIZ 85.29 295 P 41 51.70 -2.7X
 ISA 85.55 44 ePc 41 55.59 0.1
 1.2s 48.79nm 5.6mb
 Z 18s 3.38um 5.8Msz
 S 52 25.52
 FRI 85.70 43 iPc 41 55.83 -0.3
 CMB 86.02 42 ePc 41 57.60 -0.1
 1.0s 34.23nm 5.5mb
 Z 18s 5.55um 6.0Msz
 S 52 44.39
 SDN 86.12 10 P 42 10.00 12.3X
 Z 21s 3.31um 5.7Msz
 GLA 86.14 48 eP 41 59.17 0.7
 iP 42 08.31 29km
 GSC 86.34 46 eP 41 59.12 -0.3
 NJ2 86.35 310 Pd 41 57.00 -2.4X
 pP 42 07.50 33km
 ORV 86.43 40 iPc 41 59.57 -0.1
 WDC 86.57 39 ePc 41 59.93 -0.4
 1.3s 68.60nm 5.7mb
 Z 18s 5.51um 6.0Msz
 S 52 45.75
 SNG 86.68 280 eP 42 08.00 6.6X
 1.5s 238.89nm 6.2mb
 MIN 86.92 39 eP 42 00.82 -1.4
 BONR 87.18 43 ePc 42 03.88 0.1
 LBFM 87.46 38 eP 42 04.56 -0.4
 TPNV 87.75 45 (P) 42 07.51 1.2
 0.7s 22.30nm 5.6mb
 Z 18s 4.11um 5.9Msz
 TNP 87.90 43 eP 42 06.86 -0.2
 0.8s 25.35nm 5.6mb
 MDZ 87.93 127 eP 42 08.70 1.3
 KVN 88.02 42 eP 42 08.21 0.6
 MRX 88.31 66 (P) 42 12.00 2.9X
 TUC 88.36 51 eP 42 10.01 0.7
 1.5s 100.18nm 5.9mb
 Z 18s 2.90um 5.7Msz

WHN	88.50	307	ipP	42	19.11	28km	ARE	95.05	112	eP	42	50.00	9.1X	Z	22s	2.30um	5.8Msz			
Z	20s	3.13um	eP	42	10.50	0.7	BW06	95.39	43	eP	42	41.20	-0.6			sPKP	48	24.00		
			pP	42	18.00	23km		1.0s	8.50nm			5.1mb				ePP	49	34.00		
MDJ	88.53	325	S	52	48.00		LRM	95.56	40	eP	42	42.50	0.0	HRV	120.57	56	eSKS	55	20.00	
Z	24s	3.97um	eP	42	09.50	-0.2	GOL	96.22	48	eP	42	45.33	-0.3	Z	18s	4.36um	6.1Msz			
			S	52	48.00			1.4s	22.37nm			5.4mb		PDCR	121.70	130	ePKP	48	08.80	
			SKS	52	33.00				4.45um			5.9Msz		FRU	122.25	304	iPKP	48	12.00	
DL2	88.97	317	Pc	42	12.00	0.2	HHC	96.29	314	P	42	47.00	1.2		2.2s	140.00nm				
Z	20s	1.60um	S	52	48.00			1.0s	11.00nm			5.3mb				e	48	20.00		
III	88.99	68	(P)	42	14.00	1.3		Z	23s	5.28um		6.0MszX				e	49	46.30		
SNY	89.77	320	Pc	42	14.40	-1.1	CD2	96.30	302	eP	42	46.60	0.7	BUL	124.31	210	iPKPc	48	18.40	
Z	25s	2.78um	S	52	48.00		BTO	97.13	313	P	42	50.00	0.5			ipP	48	25.10		
KDC	89.78	13	eP	42	13.73	-1.5		N	20s	1.66um				LMN	125.97	53	ePKP	48	22.00	
			S	52	48.00			E	22s	2.70um				BRVK	126.50	316	iPKPc	48	19.30	
ARUT	90.00	45	eP	42	17.07	0.0	FBA	97.26	12	eP	42	47.40	-2.0	KRI	126.76	213	iPKPc	48	24.70	
PPM	90.03	68	(P)	42	21.00	3.1X		0.8s	8.52nm			5.3mb				ipP	48	31.20		
TIA	90.04	313	Pc	42	17.20	0.2	IMA	97.38	10	eP	42	48.18	-1.9	SVE	131.86	321	iPKPc	48	29.00	
Z	26s	3.20.00nm	S	52	48.00			1.3s	7.11nm			5.0mb			2.1s	160.00nm				
CN2	90.08	323	Pc	42	16.00	-1.0	CNCB	97.66	114	eP	43	08.00	14.9X	Z	21s	3.00um	6.0Msz			
	1.4s	220.00nm	S	52	48.00		LPB	97.72	114	eP	43	13.00	19.8X	N	21s	1.50um				
			esP	42	34.00			Z	18s	1.92um			5.6Msz	E	21s	1.50um				
BMW	90.39	34	eP	42	18.51	0.1	MEQ	98.19	55	iPc	42	54.00	-0.3			e	01	00.00		
SHW	90.67	35	eP	42	20.22	0.4	LZH	98.87	306	eP	43	02.00	4.4X	MAIO	132.53	293	ePKP	48	31.00	
			eP	42	29.45	29km		1.6s	42.00nm			5.7mb			1.2s	48.61nm	i	52	00.00	
VGB	90.94	36	eP	42	20.81	-0.1			pP	43	06.00	13kmX	ARU	133.04	321	ePKPc	48	31.00		
LOE	90.95	289	eP	42	25.80	4.3X			sP	43	08.00				2.0s	320.00nm				
MSU	91.24	45	eP	42	23.74	1.0			PP	46	59.50		Z	21s	2.50um	5.9Msz				
			eP	42	32.52	27km			eSKS	53	36.00		N	21s	0.50um					
LON	91.28	35	eP	42	21.97	-0.5	RSSD	99.47	44	ePd	43	00.53	0.4			e	48	36.00		
GMW	91.36	34	eP	42	23.18	0.4		0.8s	13.40nm			5.5mb		ASH	133.67	295	ePKP	48	33.50	
NST	91.39	287	eP	42	25.00	1.5	Z	18s	4.97um			6.0Msz	KAT	135.43	297	iPKP+	48	37.00		
RMW	91.77	34	eP	42	24.39	-0.4			SKS	53	48.07				e	51	15.00			
GYA	91.79	300	iPc	42	26.00	0.6	YAK	100.98	337	ePd	43	05.00	-1.3	SHI	136.99	283	ePKP	48	41.00	
Z	20s	38.00nm						2.5s	134.00nm			6.0mb	KEV	137.76	348	iPKP	48	49.00		
N	18s	1.89um						Z	19s	2.80um		5.8Msz			0.8s	36.70nm				
E	18s	1.06um						N	19s	1.20um			APA	138.14	343	iPKP	48	24.00		
			PP	46	02.00			E	19s	1.30um			KTK1	139.07	349	ePKP	48	44.47		
DUG	91.88	44	eP	42	25.13	-0.5			e	47	13.00		LWI	139.43	223	iPKP+	48	43.00		
	1.4s	13.82nm					MIAR	101.67	57	Pd	43	09.47	-0.6	LWI	139.43	223	iPKPc	48	48.00	
CRZF	91.96	212	eP	42	34.00	8.2X		Z	22s	2.10um		5.6Msz	SDF	139.86	346	iPKP	48	45.30		
			ePP	46	16.00				SKS	53	46.14		LOF	141.20	354	ePKP	48	47.78		
			eS	53	45.00		FVM	105.50	55	PKP	47	50.00	9.4X	MAK	142.11	303	ePKP	48	45.00	
			eSS	59	45.00			Z	19s	2.87um		5.8Msz	KER	142.31	289	ePKP	48	47.00		
SRU	92.62	46	eP	42	29.05	0.0	SLM	105.91	54	PKP	47	50.00	8.6X	GRS	143.14	297	iPKPc	48	47.00	
ALO	92.82	51	ePd	42	30.54	0.4		Z	19s	2.11um		5.7Msz			1.4s	90.00nm				
Z	18s	3.97um					ZAK	106.17	319	ePd	43	37.80	8.1X	Z	16s	0.52um	5.4MszX			
			ipP	42	39.27	27km	ULM	107.32	42	ePKP	47	58.50	14.9X	N	20s	0.59um				
			S	53	35.63		JFWS	107.71	50	PKP	48	00.00	15.3X	E	20s	1.18um				
			SP	54	46.49			Z	18s	2.98um		5.9Msz	TAB	143.15	295	iPKP+	48	48.00		
			SS	59	30.61				GBA	109.72	275	PKP	47	48.00	-1.2	GRO	143.34	303	ePKP	
DAU	92.96	44	eP	42	31.12	0.4			HYB	110.45	279	ePKP	47	50.10	-0.5		1.0s	110.00nm		
BJI	92.96	315	eP	42	31.00	0.7			MBC	111.80	13	ePKP	47	51.00	-0.4	N	22s	1.80um		
Z	24s	3.53um						1.0s	6.00nm				E	22s	3.60um					
			eP	42	38.00	22km	CEH	113.00	61	PKP	48	10.00	15.1X	MTA	144.17	301	iPKPc+	48	50.40	
			eSKS	53	04.00			Z	18s	1.91um		5.7Msz	MOS	144.24	326	ePKP	48	50.00		
BDT	93.11	288	eP	42	32.00	0.6			WMO	113.36	308	ePKP	47	50.20	-5.2X		2.5s	650.00nm		
CRP	93.13	12	(P)	42	29.58	-1.3		Z	20s	2.41um		5.8Msz			e	48	56.00			
SIT	93.61	22	P	42	40.00	7.1X	POO	114.97	278	ePKP	48	02.50	3.3X	KAF	144.26	341	iPKP	48	49.10	
Z	20s	1.84um					JOZ	116.41	209	e(PKP)	48	19.50	17.8X			1.1s	77.30nm			
			S	52	48.00			1.0s	32.00nm				ERE	144.52	298	iPKP+	48	53.00		
PTI	93.80	42	eP	42	34.86	0.5	ELT	117.03	318	ePKP	48	00.00	-2.0			1.6s	48.00nm			
DPW	93.84	35	eP	42	33.59	-0.7		1.6s	50.00nm				PUL	144.78	336	ePKP+	48	51.50		
CHG	93.94	289	eP	42	36.10	0.8		Z	20s	2.40um		5.8Msz			1.8s	500.00nm				
TIY	93.96	312	Pc	42	36.00	0.9			e	49	11.00		Z	20s	2.40um	6.0Msz				
Z	25s	4.69um							e	54	51.00		N	20s	1.00um					
N	19s	1.56um							e	58	44.00		E	20s	1.00um					
			SKS	53	07.50		KIM	117.97	202	ePKP	48	06.00	1.2			e	48	57.00		
PMR	94.00	13	P	42	40.00	5.4X	PRY	118.70	205	ePKP	48	13.50	7.2X	OBN	145.07	326	iPKPc+	48	53.00	
Z	19s	2.72um						1.0s	20.00nm					1.5s	780.00nm					
TTA	94.07	10	eP	42	35.12	0.1	RSNY	118.98	53	PKP	48	20.00	13.9X			e	52	07.00		
	1.5s	30.12nm						Z	18s	2.21um		5.8Msz	PYA	145.13	305	iPKPc	48	54.00		
KMI	94.10	297	eP	42	37.00	0.8			1.4s	72.00nm			Z	20s	1.50um	5.8Msz				
XAN	94.26	307	P	42	37.00	0.5	NRI	119.22	336	iPKPc+	48	04.80	-0.9	KIV	145.40	305	iPKPc	48	54.90	
Z	23s	2.81um						Z	20s	8.80um		6.4Msz			Z	22s	0.11um	4.6MszX		
N	16s	2.29um						E	20s	1.30um			NUR	146.03	341	iPKP	48	55.60		
			PP	46	1															

1.0s 70.20nm						i 49 42.00						Z 21s 0.85um 6.9Mszx					
UPP	148.38	346	iPKP	49 01.10	1.5	BRG	157.40	341	ePKP	49 12.40	-0.4	SSF	162.85	358	ePKP	49 18.90	0.2
HFS	148.86	349	ePKP	48 58.90	-1.6		1.3s	80.00nm					1.7s	103.65nm			
	1.6s	280.60nm								49 19.00		LBF	162.91	357	ePKP	49 19.00	0.2
Z	21s	989.00um		8.6Mszx						49 44.40			1.5s	53.30nm			
ANN	148.94	308	iPKP	49 04.00	3.0X	PSZ	157.64	328	e(PKP)	49 09.60	-3.7X	AVF	163.13	358	ePKP	49 18.90	0.0
	1.0s	100.00nm				WTS	157.71	353	ePKP	49 18.00	5.0X		1.5s	49.60nm			
		e	52	44.00			1.4s	50.00nm				MDI	163.21	343	PKP	49 23.70	4.7X
		eSS	11	40.00				ePKPab	49 42.50			SMF	163.26	357	ePKP	49 19.20	0.1
KONO	149.88	353	ePKP	49 07.00	5.0X	PRU	158.01	339	ePKP	49 13.50	0.0		1.5s	40.75nm			
AKKT	150.11	301	ePKP	49 09.50	6.3X		2.3s	213.20nm				VAI	163.35	345	PKP	49 19.70	0.6
SVST	150.33	299	ePKP	49 10.00	6.5X	Z	24s	1.70um		5.8Mszx		BGF	163.37	360	ePKP	49 19.80	0.6
BCAO	150.55	214	iPKPc	49 04.50	0.1			e	49 46.50				1.5s	56.40nm			
	0.9s	113.00nm				MOX	158.21	344	ePKP	49 13.70	0.0	TCF	163.63	1	ePKP	49 19.80	0.3
		ic	49 10.40				1.6s	85.00nm				LSF	163.65	3	ePKP	49 19.60	0.1
KMY	150.64	357	ePKP	49 08.17	5.0X	Z	22s	2.80um		6.1Msz			1.6s	47.90nm			
KVT	150.77	302	iPKP	49 10.00	6.0X	N	22s	1.40um				LPG	164.10	349	ePKP	49 16.40	-3.9X
TRHT	150.82	300	ePKP	49 10.20	6.0X			i	49 47.40				1.8s	60.40nm			
SIM	151.06	310	iPKP+	49 10.00	5.7X	BUD	158.36	329	e(PKP)	49 13.00	-1.0	BOB	164.22	342	PKP	49 24.10	3.9X
		e	52	48.00		SRO	158.42	330	ePKP	49 08.60	-5.4X	BNI	164.54	349	PKP	49 27.30	6.7X
JARJ	151.44	283	PKPc	49 12.00	6.7X			i	49 14.20			FIR	164.54	336	ePKP	49 27.00	6.6X
BURJ	151.57	283	PKPc	49 12.20	6.6X			i	49 49.50			EPLA	167.60	33	ePKP	49 25.00	2.0
MASJ	151.60	282	PKPc	49 12.70	7.1X	ZST	158.62	333	ePKP	49 12.20	-2.0X	GUD	167.93	26	ePKP	49 27.80	4.5X
KFNJ	151.64	282	PKPc	49 13.00	7.5X			e	58 56.40			ETOR	168.45	18	ePKP	49 28.00	4.4X
HRI	151.68	285	ePKP	49 05.90	0.2	VKA	158.87	334	ePKP	49 13.50	-1.0	PAB	168.79	29	iPKP	49 25.30	1.5
CTK	151.76	301	ePKP	49 13.00	7.4X		2.5s	299.00nm				EHVAL	169.06	43	ePKP	49 25.80	1.9
BHL	151.77	287	PKP	49 04.00	-1.8			i	49 51.70			EHOR	169.73	38	ePKP	49 25.60	1.3
		PP	52	52.00		KHC	159.07	340	PKP	49 14.90	0.1	EBAN	170.18	31	ePKP	49 27.20	2.6X
		SKS	59	38.00		Z	20s	20.60nm				EVIA	170.30	25	ePKP	49 26.30	1.5
DHLJ	151.																

25d 02h

BHB 0.36 81 P 20 39.48 0.2
 20 41.50
 20 47.08
 PZZ 0.37 139 P 20 41.41 -0.1
 20 47.17
 20 43.83
 RSP 0.51 44 P 20 43.83 -0.3
 S.D. = 0.4 on 4 of 4 obs.

OCT 25, 1992 03h 07m 35.76±0.36s
 37.367 N ± 3.7km 116.671 W ± 4.0km
 DEPTH = 5.0km (geophysicist)
 SOUTHERN NEVADA (41)
 ML 3.0 (GS).

TPNV 0.54 141 iPc 07 46.95 0.4
 S 07 54.60
 TNP 0.84 329 iPc 07 52.48 -0.1
 BONR 1.42 295 iPc 08 03.02 0.5
 KVN 2.02 327 ePn 08 11.08 0.0
 eS 08 39.05
 GSC 2.06 183 ePn 08 11.08 -0.5
 ISA 2.24 221 eP 08 13.74 -0.3
 ARUT 2.60 80 ePnd 08 19.26 -0.1
 eS 08 56.30
 CMB 3.02 284 ePn 08 25.10 -0.1
 ePg 08 31.01
 ABL 3.25 220 ePg 08 37.02 8.4X
 SSK 3.26 195 ePn 08 29.46 0.8
 MSU 3.73 71 ePn 08 35.75 0.2
 ePg 08 47.04
 Lg 09 35.93
 PLM 4.01 182 ePn 08 39.39 0.1
 DUG 4.13 46 ePn 08 40.04 -1.0
 ePg 08 54.06
 GLA 4.56 160 ePn 08 46.36 -0.7
 EMUT 5.20 60 (Pn) 08 57.15 0.8
 Pg 09 15.16
 S.D. = 0.6 on 14 of 15 obs.

& OCT 25, 1992 04h 22m 13.43s
 60.519 N 150.914 W
 DEPTH = 41.9km
 KENAI PENINSULA, ALASKA (14)
 <AEIC>. ML 2.5 (AEIC).

NKA 0.28 325 iPc 22 22.98 1.4
 SLKM 0.34 92 iPc 22 21.80 -0.6
 eS 22 28.78
 RDT 0.74 275 ePc 22 26.62 -1.0
 eS 22 38.04
 BRK 0.76 179 eP 22 27.01 -0.8
 eS 22 37.77
 MPA 0.77 92 iPc 22 27.22 -0.7
 eS 22 39.05
 SEW 0.84 119 eP 22 27.78 -1.1
 BKG 0.86 310 iPc 22 28.47 -0.9
 SPU 0.87 320 iPc 22 28.57 -0.8
 eS 22 40.95
 DFR 0.88 276 iPc 22 28.55 -1.0
 REF 0.89 269 iPc 22 28.86 -0.9
 eS 22 41.30
 RSO 0.91 267 iPc 22 29.25 -0.9
 eS 22 41.83
 RS2 0.91 267 iPc 22 29.29 -0.9
 eS 22 41.93
 RDN 0.91 270 iPc 22 28.99 -1.1
 eS 22 41.36
 RS1 0.91 267 iPc 22 29.31 -0.9
 eS 22 41.81
 RED 0.93 265 eP 22 29.16 -1.1
 iS 22 42.05
 CKT 0.93 318 iPc 22 29.37 -0.9
 HOM 0.94 203 iPd 22 30.13 -0.2
 RDW 0.94 269 iPc 22 29.51 -1.0
 CKN 0.94 319 iPc 22 29.78 -0.6
 SUA 0.95 5 ePd 22 29.86 -0.8
 CGLM 0.95 326 iPc 22 30.00 -0.6
 CRP 0.97 322 iPc 22 30.27 -0.6
 CKL 0.97 315 eP 22 29.83 -1.1
 PMS 0.98 42 eP 22 30.27 -0.7
 PTE 0.99 69 eP 22 30.45 -0.6
 NCT 1.00 273 ePc 22 30.30 -1.0
 CNPM 1.01 189 iPd 22 30.12 -1.2
 eS 22 45.29
 BGL 1.04 317 ePc 22 31.07 -0.8
 NCG 1.08 326 iPc 22 31.79 -0.6
 INE 1.16 248 eP 22 32.48 -1.2

INW 1.19 249 eP 22 33.09 -1.0
 PWA 1.24 23 ePd 22 34.59 0.0
 PLRM 1.38 38 iPd 22 35.87 -0.7
 OPT 1.45 234 eP 22 38.26 0.7
 KNK 1.50 52 ePd 22 37.46 -0.8
 SKT 1.50 349 iPd 22 38.35 0.1
 eS 22 58.61
 GHO 1.59 37 iPd 22 38.83 -0.7
 KNIM 1.59 95 ePc 22 37.06 -2.4
 AUH 1.72 229 eP 22 41.03 -0.5
 PDB 1.80 247 ePd 22 41.42 -1.0
 SML 1.80 43 eP 22 41.54 -1.0
 GLI 1.91 77 iPc 22 41.68 -2.5
 SYI 2.06 202 eP 22 46.78 0.6
 CDD 2.11 222 eP 22 47.08 0.1
 SCM 2.18 51 eP 22 46.94 -1.1
 FID 2.20 82 ePc 22 45.10 -3.1
 VZW 2.21 74 eP 22 46.34 -2.1
 VLZ 2.33 73 eP 22 48.14 -1.9
 SVW 2.38 286 eP 22 49.37 -1.5
 CVA 2.55 87 eP 22 50.38 -2.8
 KLU 2.62 66 iPc 22 52.45 -1.9
 TRF 2.96 5 eP 23 00.43 1.2
 52 obs. associated

* OCT 25, 1992 04h 42m 08.26±1.18s
 29.838 S ±15.6km 176.806 W ±16.3km
 DEPTH = 10.0km (geophysicist)
 4.9mb (5 obs.)

KERMADEC ISLANDS REGION (177)

RAO 1.13 301 P 42 28.70 -0.7
 S 42 37.90
 THZ 14.52 212 eP 45 33.60 -2.1X
 KHZ 14.77 209 eP 45 34.90 -3.9X
 eS 48 09.70
 LTZ 15.62 211 eP 45 47.10 -2.9X
 DZM 16.92 293 iPc 46 10.40 3.6X
 ODZ 18.12 210 eP 46 20.40 -1.1
 BRS 26.78 268 iP 47 52.00 1.7
 ARMA 27.27 261 iPc 47 56.00 1.2
 0.3s 2.00nm 4.3mb
 RMO 30.48 268 eP 48 24.00 0.4
 0.6s 18.00nm 5.1mb
 CMS 32.09 257 eP 48 38.00 0.3
 TOO 32.14 246 eP 48 39.00 0.9
 0.5s 8.00nm 4.9mb
 ASPA 44.18 266 iPd 50 18.10 -1.1
 1.1s 12.00nm 4.7mb
 WRA 45.11 271 P 50 25.00 -1.8
 0.6s 11.50nm 5.0mb
 KAF 144.35 342 ePKP 01 44.10 -1.4
 OBN 145.28 326 iPKPd 01 48.00 0.7
 1.0s 38.00nm
 NUR 146.13 341 iPKP 01 53.00 0.9
 NB2 148.34 353 PKP 01 56.30 4.1X
 0.9s 7.90nm
 UPP 148.43 346 iPKP 01 55.70 3.5X
 HFS 148.89 350 ePKP 01 56.60 3.6X
 0.4s 1.20nm
 BCAO 150.86 213 iPKPc 02 04.80 7.4X
 0.6s 6.00nm
 KSP 156.83 339 ePKP 02 16.50 11.9X
 e 02 35.00
 S.D. = 1.3 on 12 of 21 obs.

* OCT 25, 1992 05h 27m 13.44±1.16s
 19.595 N ±13.5km 103.930 W ± 9.9km
 DEPTH = 33.0km (normal)
 4.2mb (6 obs.)

JALISCO, MEXICO (524)

CGX 0.45 76 iPd 27 20.75 -2.8
 iS 27 28.00
 MRX 2.58 87 iPd 27 54.00 0.2
 iS 28 25.00
 AGX 2.74 34 iP 27 55.00 -0.9
 MZX 4.27 328 iP 28 15.48 -2.3
 III 4.39 105 iP 28 20.00 0.2
 UNM 4.49 93 (P) 28 23.50 2.3X
 (S) 29 14.50
 ACX 4.72 124 iP 28 23.51 -0.8
 iS 29 18.00
 PPM 5.04 95 eP 28 30.00 0.8
 (S) 29 33.00

IIT 5.34 95 (P) 28 30.00 -3.2X
 (S) 29 37.00
 IISM 6.22 94 iP 28 47.00 1.6
 TUC 14.08 335 eP 30 34.24 1.5
 0.9s 3.86nm 4.1mb
 ALQ 15.45 352 eP 30 56.09 5.3X
 1.1s 17.02nm 4.2mb
 GLA 16.57 326 eP 31 06.49 1.6
 TUL 17.76 22 e(P) 31 21.00 1.2
 0.8s 17.80nm 4.2mb
 LNO 17.77 22 e(P) 31 21.00 1.3
 OLY 19.29 32 (P) 31 38.24 -0.2
 GSC 19.34 327 eP 31 39.40 0.3
 e 31 46.65
 ARUT 19.93 337 eP 31 45.44 -0.2
 MSU 20.16 341 eP 31 46.93 -1.2
 SRU 20.27 345 eP 31 48.51 -0.6
 e 31 56.29
 TPNV 20.38 331 eP 31 56.08 5.8X
 0.3s 3.32nm 4.2mb
 DAU 21.68 345 eP 32 02.91 -0.8
 BW06 23.59 350 eP 32 22.00 -0.4
 0.8s 2.02nm 3.7mb
 RSSD 24.45 360 (P) 32 31.89 1.2
 1.8s 13.53nm 4.2mb
 LHS 25.29 49 eP 32 38.94 0.4
 S.D. = 1.3 on 21 of 25 obs.

? OCT 25, 1992 05h 37m 06.43±1.02s
 44.922 N ± 9.2km 6.828 E ± 7.4km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.0 (GEN).

RRL 0.03 266 P 37 08.60 -0.1
 S 37 09.52
 BHB 0.32 104 P 37 13.04 0.0
 S 37 17.66
 RSP 0.38 53 P 37 14.32 0.0
 S 37 19.40
 PZZ 0.46 155 P 37 15.87 0.0
 S.D. = 0.1 on 4 of 4 obs.

? OCT 25, 1992 05h 41m 31.37±1.30s
 28.582 S ±18.6km 177.525 W ±27.6km
 DEPTH = 10.0km (geophysicist)
 4.4mb (1 obs.)

KERMADEC ISLANDS REGION (177)

Felt (1) on Rooul Island.
 RAO 0.75 207 Pc 41 46.00 -0.1
 S 41 57.90
 BRS 26.23 265 iP 47 10.00 1.7
 WRA 44.47 270 P 49 42.80 -2.0
 0.6s 3.30nm 4.4mb
 NUR 144.74 341 ePKP 01 10.00 0.6
 NB2 147.02 352 PKP 01 12.80 -0.4
 0.9s 2.80nm
 HFS 147.54 350 ePKP 01 14.10 0.1
 0.5s 1.00nm
 S.D. = 1.6 on 6 of 6 obs.

? OCT 25, 1992 07h 13m 34.83±6.82s
 16.578 N ±67.7km 100.158 W ±13.0km
 DEPTH = 33.0km (normal)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 0.41 45 iPd 13 42.65 -1.4
 iS 13 46.60
 III 1.91 20 eP 14 05.89 0.1
 iS 14 29.00
 PPM 2.87 30 iP 14 19.00 -0.8
 iS 14 55.00
 UNM 2.89 19 (P) 14 23.00 3.1X
 iS 14 54.00
 IIT 3.00 36 (P) 14 23.00 1.6
 MRX 3.26 343 iP 14 30.70 5.9X
 (S) 15 10.70
 IISM 3.57 47 iP 14 29.89 0.6
 CGX 4.42 315 (P) 14 41.50 0.8
 S.D. = 1.4 on 6 of 8 obs.

? OCT 25, 1992 07h 22m 35.02±1.09s
 29.278 S ±32.3km 176.947 W ±16.5km
 DEPTH = 33.0km (normal)
 4.7mb (5 obs.) 5.0Msz (1 obs.)
 KERMADEC ISLANDS REGION (177)

25d 07h

Felt (III) on Rooul Island.					
RAO	0.85	272	iPc	22 51.00	0.5
			S	23 01.00	
DZM	16.59	292	iPc	26 33.00	6.1X
BRS	26.68	267	iPd	28 15.00	2.0
			i	28 25.00	
ARMA	27.24	260	eP	28 19.60	1.4X
	0.9s		16.00nm		4.7mb
RMQ	30.38	267	eP	28 46.50	0.2X
	0.7s		13.00nm		4.8mb
ASPA	44.10	265	iPc	30 40.70	-1.4
	0.7s		6.80nm		4.6mb
Z	19s		1.90um		5.0msz
			eS	37 07.50	
WRA	44.98	270	P	30 47.50	-1.7
	1.2s		5.80nm		4.4mb
SPA	60.89	180	iPc	32 46.80	0.1
	1.0s		13.50nm		5.0mb
KAF	143.79	342	ePKP	42 07.80	0.1
OBN	144.75	327	ePKP	42 09.00	-0.5
	1.2s		44.00nm		
			e	42 16.00	
			i	42 22.00	
NUR	145.56	341	ePKP	42 11.70	1.0
NB2	147.77	353	PKP	42 18.80	4.4X
	0.7s		3.00nm		
UPP	147.86	346	iPKP	42 21.80	7.3X
HFS	148.32	350	ePKP	42 20.00	4.8X
	0.4s		1.10nm		
CLL	156.76	344	ePKP	42 52.00	24.4X
S.D. = 1.4 on 8 of 15 obs.					
& OCT 25, 1992 07h 39m 06.27s					
65.965 N 148.829 W					
DEPTH = 9.4km					
NORTHERN ALASKA (676)					
<AEIC>. ML 2.5 (AEIC).					
MDM	1.04	166	eP	39 26.90	0.9
			eS	39 41.75	
GLM	1.15	148	iP	39 27.62	-0.3
			eS	39 44.53	
FBA	1.15	157	eP	39 27.65	-0.2
			eS	39 43.90	
MLY	1.23	221	eP	39 28.75	-0.5
			S	39 46.08	
CCB	1.39	162	eP	39 30.79	-1.0
			S	39 50.43	
NEA	1.40	184	eP	39 31.01	-0.9
			S	39 50.88	
WRH	1.53	168	eP	39 34.02	0.3
			S	39 55.44	
FYU	1.58	66	eP	39 34.92	0.6
			S	39 54.56	
HDA	1.75	152	eP	39 35.93	-1.1
			S	40 00.75	
IMA	1.98	275	eP	39 41.05	0.6
MCK	2.24	181	eP	39 43.43	-0.7
11 obs. associated					
? OCT 25, 1992 09h 54m 23.27±3.20s					
13.047 N ±29.1km 89.114 W ±13.0km					
DEPTH = 33.0km (normal)					
EL SALVADOR (73)					
Felt (III) at San Salvador.					
SJAS	0.62	355	iPd	54 35.50	-0.2
			iS	54 44.00	
LFU	0.70	0	iPd	54 36.80	0.1
VSS	0.70	350	iP+	54 37.30	0.5
VSM	0.90	65	iP+	54 39.80	0.0
TME	0.99	346	iPd	54 40.50	-0.4
			eS	54 52.30	
CUSS	1.18	317	iPd	54 43.60	0.0
			iS	54 59.50	
S.D. = 0.4 on 6 of 6 obs.					
? OCT 25, 1992 09h 55m 33.53±8.43s					
35.838 N ±43.2km 8.300 W ±56.0km					
DEPTH = 10.0km (geophysicist)					
WEST OF GIBRALTAR (384)					
mbLg 2.9 (MDD).					
CNLT	1.90	73	iP	56 09.00	2.8X
PNAT	2.08	81	eP	56 09.00	0.1
EVAL	2.14	35	iPn	56 11.80	2.0X

OJEN	2.26	83	eSn	56 35.00	
ALJ	2.33	68	iP	56 12.00	0.5
EJIF	2.37	74	iPn	56 14.90	1.8X
			eSn	56 39.00	
EPRU	2.72	65	iPnc	56 19.80	1.7X
			eSn	56 46.80	
EHOR	3.15	50	iPnc	56 24.88	0.8
ELUQ	3.67	61	iPnd	56 32.01	0.4
			eSn	57 09.70	
EGUA	3.95	74	iPnc	56 34.36	-1.1
			eSn	57 17.20	
ECOG	4.07	68	ePn	56 37.58	0.3
			eSn	57 19.30	
EBAN	4.29	56	iPnd	56 40.37	-0.1
			eSn	57 24.10	
EPLA	4.57	22	ePn	56 44.30	0.0
			eSn	57 32.00	
EVIA	5.40	57	iPnd	56 55.03	-1.2
			eSn	57 50.40	
GUD	5.80	33	iPnd	57 01.74	0.0
			eSn	58 01.10	
S.D. = 0.7 on 11 of 15 obs.					
& OCT 25, 1992 10h 12m 07.68s					
59.794 N 152.020 W					
DEPTH = 68.6km					
SOUTHERN ALASKA (2)					
<AEIC>. ML 2.5 (AEIC).					
HOM	0.23	125	eP	12 17.50	-0.9
			eS	12 25.55	
CNPM	0.48	124	eP	12 19.52	-0.9
			eS	12 28.32	
BRLK	0.57	92	eP	12 20.82	-0.5
			eS	12 30.31	
INE	0.59	297	eP	12 20.38	-1.3
			eS	12 30.43	
INW	0.62	297	eP	12 21.02	-0.9
OPT	0.63	258	eP	12 20.93	-1.0
			eS	12 31.60	
RED	0.73	329	eP	12 22.35	-0.8
			eS	12 34.05	
RS1	0.76	331	iP	12 22.95	-0.7
			eS	12 35.10	
RSO	0.76	332	eP	12 22.89	-0.8
			eS	12 35.18	
RS2	0.77	332	iP	12 23.03	-0.7
			eS	12 35.03	
REF	0.78	334	iP	12 23.10	-0.7
			eS	12 35.21	
RDW	0.80	331	iP	12 23.30	-0.7
RDT	0.81	346	iP	12 23.12	-0.9
RDN	0.81	333	iP	12 23.46	-0.7
			eS	12 35.68	
AUE	0.81	238	eP	12 23.36	-0.7
AUL	0.83	241	eP	12 23.74	-0.5
AUP	0.83	239	eP	12 23.85	-0.5
AUH	0.84	240	eP	12 23.91	-0.6
AUI	0.85	238	eP	12 23.99	-0.5
AUW	0.85	241	eP	12 24.06	-0.4
DFR	0.87	338	eP	12 23.94	-0.9
			eS	12 37.15	
NCT	0.89	330	iP	12 24.49	-0.7
			eS	12 37.62	
PDB	1.10	271	iP	12 26.53	-1.1
			eS	12 41.27	
SLKM	1.15	51	eP	12 27.60	-0.8
CDD	1.20	224	eP	12 27.99	-1.0
			eS	12 44.88	
SYI	1.20	189	eP	12 28.16	-0.8
BKG	1.29	355	iP	12 29.73	-0.5
MCNL	1.33	244	iP	12 29.33	-1.4
SEW	1.33	75	eP	12 29.71	-1.0
SPU	1.39	359	eP	12 30.97	-0.6
			eS	12 49.07	
CKT	1.41	356	eP	12 31.60	-0.3
CKL	1.42	354	eP	12 31.84	-0.1
CKN	1.44	357	ePn	12 31.83	-0.4
CRP	1.48	357	ePn	12 29.41	-3.5
BGL	1.49	353	eP	12 32.99	0.1
MPA	1.50	61	eP	12 32.31	-0.7
CGLM	1.52	0	eP	12 33.05	-0.3
NCG	1.62	358	eP	12 34.79	0.1
SUA	1.79	20	eP	12 37.26	0.2
PTE	1.84	53	eP	12 37.16	-0.4
PMS	1.90	39	eP	12 38.38	-0.1

SKT	2.21	6	eP	12 42.43	-0.3
KNK	2.39	46	eP	12 44.44	-0.9
GHO	2.50	36	eP	12 46.02	-0.9
FID	2.92	68	eP	12 49.78	-3.0
SCM	3.08	46	eP	12 53.92	-1.1
VLZ	3.12	62	eP	12 53.56	-1.9
KLU	3.45	58	eP	12 58.18	-2.1
FBA	5.49	19	eP	13 27.07	-1.6
49 obs. associated					
<hr/>					
%	OCT 25, 1992	10h	18m	19.40±1.02s	
	17.026 N ±10.7km		99.701 W ±11.9km		
DEPTH = 33.0km (normal)					
GUERRERO, MEXICO (59)					
ACX	0.22	224	iPd	18 26.26	0.1
			iS	18 30.86	
III	1.36	9	iP	18 41.98	-0.5
			iS	18 58.00	
PPM	2.27	27	eP	18 55.78	-0.1
			(S)	19 24.50	
UNM	2.34	12	eP	18 57.50	0.8
			(S)	19 26.00	
IIT	2.39	34	eP	18 57.50	0.2
			iS	19 25.00	
IISM	2.95	48	iP	19 04.61	-0.4
			(S)	19 42.50	
MRX	3.02	332	iPd	19 05.70	-0.2
			(S)	19 46.12	
CGX	4.45	307	(P)	19 11.00	-15.6X
S.D. = 0.5 on 7 of 8 obs.					
<hr/>					
&	OCT 25, 1992	10h	59m	04.05s	
	59.074 N		151.062 W		
DEPTH = 17.2km					
KENAI PENINSULA, ALASKA (14)					
<AEIC>. ML 3.7 (AEIC).					
CNPM	0.46	349	iPd	59 13.15	-0.2
			eS	59 20.38	
XLV	0.51	319	iP	59 13.36	-0.8
			eS	59 20.88	
HOM	0.66	333	iPd	59 16.14	-0.5
BRLK	0.70	7	eP	59 16.59	-0.8
			eS	59 26.50	
SYI	0.83	237	ePc	59 18.68	-1.0
			eS	59 30.10	
AUE	1.22	285	eP	59 24.40	-1.9
AUI	1.24	283	ePd	59 24.55	-2.1
			eS	59 40.47	
AUP	1.25	284	ePd	59 24.86	-1.8
OPT	1.25	299	iPc	59 24.52	-2.2
AUL	1.26	285	ePd	59 24.99	-1.8
AUH	1.26	284	ePd	59 24.98	-1.9
AUW	1.27	285	ePd	59 25.32	-1.7
SEW	1.32	38	ePc	59 25.17	-2.4
CDD	1.34	265	eP	59 25.70	-2.3
			eS	59 43.37	
INE	1.42	315	ePd	59 26.54	-2.7
			eS	59 44.71	
INW	1.45	314	ePd	59 27.04	-2.6
SLKM	1.50	16	ePc	59 28.08	-2.2
			eS	59 47.37	
KDC	1.53	210	ePc	59 27.55	-3.0
RED	1.60	328	iPc	59 28.89	-2.9
			eS	59 49.58	
RS1	1.63	329	iPc	59 29.62	-2.7
RSO	1.63	329	iPc	59 29.55	-2.8
RS2	1.64	329	iPc	59 29.64	-2.7
REF	1.64	330	iPc	59 29.72	-2.8
RDT	1.65	336	ePc	59 29.51	-2.9
MPA	1.66	30	eP	59 30.48	-2.0
RDW	1.67	329	iPc	59 29.92	-2.9
NKA	1.68	357	ePc	59 31.98	-0.8
RDN	1.68	330	ePc	59 30.08	-2.9
MCNL	1.69	275	eP	59 30.28	-2.7
DFR	1.73	332	ePc	59 30.57	-3.1
PDB	1.75	295	eP	59 31.48	-2.4
NCT	1.77	328	ePc	59 31.23	-2.9
PTE	2.07	29	eP	59 35.83	-2.6
BKG	2.09	344	ePc	59 35.84	-3.0
KNIM	2.12	51	eP	59 36.06	-3.1
SPU	2.17	347	iPc	59 36.83	-3.2
CKT	2.21	345	ePc	59 37.54	-3.0
CKL	2.22	344	ePc	59 37.83	-3.0
CKN	2.23	346	eP	59 37.77	-3.0
			eS	00 06.22	

CRP 2.27 347 ePc 59 38.09 -3.4
 CGLM 2.29 349 iPc 59 38.97 -2.7
 8GL 2.30 344 ePc 59 39.07 -2.7
 PMS 2.30 18 ePc 59 39.49 -2.4
 NCG 2.40 347 ePc 59 40.64 -2.6
 SUA 2.40 4 ePc 59 40.82 -2.5
 PWA 2.65 12 P 59 44.90 -1.9
 KNK 2.68 28 eP 59 44.72 -2.5
 GLI 2.69 46 eP 59 43.85 -3.5
 PLRM 2.70 20 eP 59 44.31 -3.2
 PMR 2.70 20 ePn 59 44.66 -2.8
 FID 2.86 52 eP 59 45.73 -3.9
 GHO 2.91 20 eP 59 48.04 -2.4
 SKT 2.93 356 ePc 59 48.10 -2.5
 SVW 3.06 314 eP 59 48.29 -4.3
 eS 00 34.26
 VLZ 3.14 47 eP 59 50.45 -3.2
 SCM 3.33 32 eP 59 53.84 -2.6
 KLU 3.53 44 ePn 59 55.87 -3.4
 TTA 4.56 330 eP 00 09.50 -4.4
 BALM 4.79 62 ePn 00 12.58 -4.7
 FBA 6.05 13 eP 00 30.33 -4.4
 IMA 7.12 351 (P) 00 46.88 -3.2

61 obs. associated

? OCT 25, 1992 11h 16m 40.57±3.16s
 2.207 N ±45.5km 97.258 W ±16.9km
 DEPTH = 10.0km (geophysicist)
 4.5mb (7 obs.) 4.4Msz (10 obs.)
 WEST OF GALAPAGOS ISLANDS (695)

MIAR 32.36 6 eP 23 12.71 0.3
 0.9s 4.95nm 4.4mb
 Z 18s 0.20um 3.8Msz
 MED 32.43 358 iPc 23 13.50 0.4
 GLA 34.83 334 eP 23 33.45 -0.5
 PLM 36.02 331 (P) 23 43.06 -1.1
 FVM 36.15 9 (P) 23 41.65 -3.4X
 0.6s 9.52nm 4.8mb
 Z 19s 0.61um 4.4Msz
 CEH 37.51 25 P 24 00.00 3.6X
 Z 21s 0.60um 4.4Msz
 PV10 37.58 345 eP 23 57.70 0.4
 GSC 37.60 333 eP 23 57.22 -0.1
 GOL 38.04 350 P 24 10.00 8.8X
 Z 20s 0.68um 4.5Msz
 NAV 38.09 21 (P) 24 01.90 0.6
 ARUT 38.40 339 eP 24 04.75 0.6
 MSU 38.63 341 eP 24 05.30 -0.8
 ISA 38.67 332 P 24 20.00 13.7X
 Z 21s 0.80um 4.5Msz
 SRU 38.67 343 eP 24 06.32 -0.1
 BCH 39.07 330 eP 24 09.38 -0.3
 SIV 40.07 118 eP 24 12.00 -6.2X
 DAU 40.09 343 eP 24 18.79 0.4
 DUG 40.36 342 eP 24 21.00 0.6
 1.4s 12.29nm 4.4mb
 BONR 40.48 334 eP 24 21.89 0.3
 JFWS 41.01 8 eP 24 20.25 -5.2X
 0.8s 6.36nm 4.4mb
 CMB 41.49 332 P 24 40.00 10.5X
 Z 21s 0.50um 4.3Msz
 BW06 41.86 346 eP 24 32.50 -0.3
 1.0s 6.17nm 4.3mb
 WDC 44.52 332 P 25 00.00 5.8X
 Z 20s 0.28um 4.2Msz
 HRV 46.24 26 P 25 00.00 -7.8X
 Z 20s 0.36um 4.3Msz
 RSNY 46.71 22 P 25 10.00 -1.4
 Z 21s 0.41um 4.4Msz
 PMR 70.81 337 P 28 00.00 0.9
 Z 20s 0.26um 4.5Msz
 MBC 75.01 355 ePc 28 23.50 0.0
 1.0s 6.00nm 4.6mb
 SPA 92.19 180 iPd 29 55.00 3.4X
 1.1s 5.95nm 4.9mb
 S.D. = 0.7 on 18 of 28 obs.

? OCT 25, 1992 11h 17m 47.63±4.77s
 2.553 N ±67.0km 97.568 W ±39.3km
 DEPTH = 10.0km (geophysicist)
 4.5mb (2 obs.)
 WEST OF GALAPAGOS ISLANDS (695)

MIAR 32.05 6 eP 24 16.57 -0.1
 1.3s 8.31nm 4.5mb
 PV10 37.17 345 eP 25 01.00 0.1

MSU 38.20 341 eP 25 09.98 0.4
 SRU 38.26 344 eP 25 09.98 0.0
 BCH 38.62 330 eP 25 12.64 -0.3
 DAU 39.67 344 eP 25 22.25 0.3
 BW06 41.46 347 eP 25 36.20 -0.3
 MBC 74.63 355 ePc 29 28.50 0.1
 1.0s 6.00nm 4.6mb
 S.D. = 0.3 on 8 of 8 obs.

? OCT 25, 1992 12h 16m 20.85±1.04s
 39.097 N ±7.8km 27.551 E ±12.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

IZM 0.73 198 iPg 16 35.30 0.0
 iSg 16 49.30
 EZN 1.20 308 iPn 16 43.10 0.0
 EDC 1.27 11 ePn 16 44.50 0.1
 KCT 1.31 28 iPn 16 45.00 0.0
 S.D. = 0.1 on 4 of 4 obs.

? OCT 25, 1992 12h 51m 36.62±1.08s
 27.587 S ±9.6km 65.877 W ±30.5km
 DEPTH = 69.7 ±35.8 km
 TUCUMAN PROVINCE, ARGENTINA (131)

CYA 0.86 175 iPd 51 53.60 0.0
 SLA 2.87 7 ePd 52 21.10 0.0
 S 53 00.00
 RTLL 4.36 211 iPc 52 42.20 0.2
 MRA 4.81 178 e(P) 52 48.20 0.0
 RTCV 4.85 208 ePd 52 48.50 -0.3
 S.D. = 0.4 on 5 of 5 obs.

& OCT 25, 1992 13h 19m 10.33s
 63.316 N 149.840 W
 DEPTH = 108.8km
 CENTRAL ALASKA (1)
 <AEIC>.

TRF 0.24 304 eP 19 25.98 1.6
 eS 19 37.49
 HUR 0.35 165 eP 19 26.04 -0.4
 eS 19 37.85
 RND 0.45 78 eP 19 26.81 -0.3
 eS 19 39.11
 KTH 0.54 297 eP 19 27.34 -0.3
 eS 19 40.01
 MCK 0.58 44 eP 19 27.70 -0.2
 eS 19 39.70
 NEA 1.31 15 eP 19 34.32 -0.9
 WRH 1.39 33 iP 19 35.59 -0.6
 SKT 1.55 211 iP 19 37.39 -0.7
 eS 19 58.37
 GHO 1.61 164 eP 19 39.06 0.2
 eS 20 01.08
 CCB 1.61 33 iP 19 38.09 -0.7
 SML 1.67 155 eP 19 39.42 -0.1
 PWA 1.67 181 eP 19 40.14 0.6
 HDA 1.68 48 iP 19 39.04 -0.7
 PLRM 1.76 169 eP 19 40.36 -0.3
 MLY 1.77 348 eP 19 40.01 -0.8
 MDM 1.79 22 eP 19 40.56 -0.6
 FBA 1.83 29 eP 19 40.86 -0.6
 THY 1.84 85 eP 19 42.64 0.8
 SCM 1.89 141 eP 19 42.58 0.2
 SUA 1.91 193 eP 19 42.69 0.0
 GLM 1.99 32 iP 19 42.98 -0.7
 PAX 2.02 98 eP 19 44.80 0.8
 KNK 2.02 161 eP 19 43.92 -0.1
 TOA 2.08 124 eP 19 45.61 0.7
 PMS 2.08 176 eP 19 44.93 0.1
 SDG 2.12 110 eP 19 45.23 -0.1
 NCG 2.20 210 eP 19 45.80 -0.7
 CGLM 2.26 208 eP 19 46.54 -0.6
 CRP 2.32 209 eP 19 47.60 -0.5
 CKN 2.37 209 eP 19 49.05 0.4
 8GL 2.38 211 eP 19 48.82 0.0
 SPU 2.38 207 eP 19 48.34 -0.4
 CKT 2.39 209 eP 19 48.88 -0.1
 TZL 2.40 120 eP 19 50.65 1.6
 CKL 2.43 210 eP 19 49.51 0.0
 PTE 2.49 171 eP 19 49.77 -0.4
 BKG 2.52 208 eP 19 50.26 -0.5
 KLU 2.58 133 eP 19 50.85 -0.7
 DOT 2.61 80 eP 19 51.55 -0.3
 VLZ 2.74 142 eP 19 52.35 -1.1

SLKM 2.82 184 eP 19 54.76 0.1
 MPA 2.85 175 eP 19 54.67 -0.2
 RDT 3.01 205 eP 19 57.58 0.4
 FID 3.02 147 eP 19 56.43 -0.9
 DFR 3.05 207 eP 19 58.24 0.5
 SEW 3.23 177 eP 19 59.02 -1.1
 GLB 3.38 121 eP 20 01.78 -0.4
 CNPM 3.86 191 eP 20 08.57 -0.2
 BALM 4.19 120 eP 20 13.31 0.0
 49 obs. associated

* OCT 25, 1992 14h 37m 14.30±1.94s
 36.810 S ±14.9km 177.035 E ±17.0km
 DEPTH = 23.8 ±10.2 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)
 ML 3.9 (WEL).

KUZ 1.06 273 P 37 33.30 -0.3
 eS 37 48.30
 URZ 1.45 178 Pd 37 38.30 -0.8
 eS 37 57.90
 WLZ 1.56 227 P 37 40.60 -0.2
 PATZ 1.69 201 P 37 43.10 0.4
 NOZ 1.97 157 P 37 47.10 0.4
 WCZ 2.34 291 P 37 52.10 0.1
 MOZ 2.45 226 P 37 53.90 0.3
 S.D. = 0.6 on 7 of 7 obs.

? OCT 25, 1992 14h 37m 31.77±3.06s
 5.830 S ±27.6km 106.780 E ±30.1km
 DEPTH = 104.1 ±28.4 km
 5.3mb (1 obs.)
 JAWA, INDONESIA (277)

TRT 6.11 108 iPc 39 01.00 -0.1
 iS 40 03.00
 IPM 11.83 331 eP 40 31.00 12.6X
 0.8s 72.90nm
 NANU 18.66 154 eP 41 52.00 7.5X
 NST 22.35 343 eP 42 29.00 6.9X
 WARB 27.74 139 eP 43 13.00 0.4
 ASPA 31.55 127 iPd 43 46.70 0.2
 0.4s 22.50nm 5.3mb
 GBA 34.95 304 P 44 16.00 0.2
 PKI 39.10 329 P 44 51.30 0.3
 GUN 39.15 330 P 44 51.50 0.1
 DMN 39.29 329 P 44 52.50 0.0
 KKN 39.35 329 P 44 52.30 -0.6
 GKN 39.85 329 P 44 56.90 0.0
 8RS 48.64 122 iPc 46 08.00 0.7
 i 47 59.00
 CAN 48.65 133 eP 46 06.00 -1.3
 S.D. = 0.6 on 11 of 14 obs.

* OCT 25, 1992 14h 43m 09.44±1.23s
 5.293 S ±11.1km 152.672 E ±11.8km
 DEPTH = 71.6 ±16.2 km
 4.5mb (6 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 1.21 335 iPc 43 31.00 0.1
 0.4s 1152.54nm
 iS 43 49.00
 PMG 6.83 233 eP 44 49.00 -0.1
 CTA 15.98 202 P 46 56.40 5.1X
 BKM 19.58 130 iPd 47 34.00 -0.5
 QIS 19.78 219 iPd 47 35.60 -0.9
 0.5s 2.00nm 3.7mb
 DZM 21.35 143 iPc 47 53.00 0.2
 RMO 21.41 190 iPc 47 53.30 0.1
 1.1s 49.00nm 4.8mb
 QLP 22.65 200 eP 48 06.90 1.4
 0.4s 16.00nm 4.8mb
 WRA 23.03 229 P 48 10.10 0.9
 ASPA 25.70 223 iPd 48 33.60 -1.2
 0.5s 9.30nm 4.5mb
 IMA 80.96 19 (P) 55 15.64 -1.8X
 1.0s 3.59nm 4.3mb
 FBA 82.39 22 eP 55 24.71 0.0
 0.7s 4.74nm 4.5mb
 eP 55 34.93 32kmX
 S.D. = 0.9 on 10 of 12 obs.

* OCT 25, 1992 14h 56m 13.71±1.19s
 31.004 S ±10.4km 70.534 W ±12.5km
 DEPTH = 106.4 ±11.4 km
 4.8mb (1 obs.)

25d 14h

CHILE-ARGENTINA BORDER REGION (127)

RTCB	1.56	108	iPd	56	42.50	0.9
			(S)	57	00.70	
ZON	1.68	109	iPc	56	44.00	1.0
			eS	57	04.00	
RTLL	1.80	101	iPc	56	45.00	0.5
RTCV	1.91	117	iPc	56	46.30	0.4
CFA	2.05	108	iPd	56	48.50	0.7
			S	57	09.00	
IHA	2.22	205	iPc	56	48.90	-1.0
			iS	57	12.20	
RTPR	3.54	80	ePd	57	07.50	-0.1
MRA	4.35	110	iPc	57	17.60	-1.1
CYA	4.85	59	iPd	57	25.00	-0.6
TCA	5.10	95	iPd	57	27.30	-2.0
SLA	7.68	37	ePd	58	04.10	-0.5
SIV	17.27	32	P	00	11.00	1.4
VAO	22.43	75	eP	01	04.90	0.4
BAO	25.66	59	Pc	01	34.50	-0.9
			e	01	46.40	
			e	02	01.20	
			e	02	05.00	
			e	02	11.90	
SPA	59.17	180	iPc	06	06.40	0.9
	1.2s		11.27nm			4.8mb
WRA	123.99	209	PKP	15	02.20	0.8X
	0.7s		1.50nm			
HYB	148.85	109	ePKP	15	51.50	4.7X
	S.D. = 1.1 on 15 of 17 obs.					

OCT 25, 1992 15h 00m 07.18 ± 0.20s
 5.910 S ± 3.8km 103.712 E ± 4.2km
 DEPTH = 55.9km (15 depth phases)
 5.2mb (53 obs.)

SOUTHERN SUMATERA, INDONESIA (274)

KGM	7.88	357	eP	02	02.00	0.2
			e	03	41.50	
TRT	9.04	102	ePd	02	01.20	-16.5X
	0.8s		135.50nm			
KLM	9.19	347	eP	02	18.00	-1.7
IPM	10.76	346	ePc	02	38.00	-3.2X
	0.5s		15.00nm			5.3mb
SNG	13.36	347	eP	03	16.00	0.1
			eS	07	08.00	
MKS	15.70	88	iPd	03	47.20	0.9
KKM	17.23	47	ePc	04	07.50	1.8
TSM	17.40	55	ePc	04	10.30	2.6X
NANU	20.11	147	eP	04	37.50	-1.6
	0.4s		17.00nm			4.7mb
			eS	08	04.00	
KUPT	20.14	103	eP	04	39.00	-0.5
			eS	08	23.00	
KHT	21.18	346	iPd	04	48.00	-2.1
NST	21.73	351	eP	04	58.00	2.4X
LDE	23.25	355	eP	05	10.70	0.2
BDT	23.47	349	eP	05	11.50	-1.1
	0.8s		36.30nm			4.9mb
CHG	25.01	349	ePc	05	27.00	-0.6
	0.9s		67.02nm			5.1mb
QIZ	25.51	14	P	05	34.60	2.4
WAR8	29.76	135	eP	06	08.70	-2.1
	0.4s		6.00nm			4.7mb
			e	06	25.00	68kmX
KMI	30.86	358	eP	06	21.00	0.3
	Z 20s		1.00um			4.5msz
			pP	06	28.00	24kmX
GYA	32.30	5	P	06	34.20	1.0
	0.8s		9.40nm			4.7mb
	Z 20s		0.88um			4.4msz
			sP	06	47.80	
GBA	32.50	307	P	06	35.00	0.1
ASPA	33.98	124	iPc	06	46.80	-1.0
	1.1s		17.50nm			4.9mb
			i	06	57.10	36kmX
			e	08	04.80	
			iScP	09	40.50	
			eS	12	09.00	
HYB	33.98	313	ePd	06	47.50	-0.3
	1.0s		40.00nm			5.3mb
			e	07	02.50	60km
CD2	36.61	0	eP	07	09.00	-1.0
	0.6s		30.00nm			5.4mb
PKI	37.69	333	Pd	07	19.30	-0.2
QIS	37.73	116	eP	07	18.70	-0.8
			i	07	26.80	27kmX

GUN	37.78	334	Pd	07	20.60	0.4
DMN	37.86	333	Pd	07	21.10	0.3
KKN	37.94	333	Pd	07	21.60	0.2
POO	38.17	310	iPd	07	27.80	4.6X
GKN	38.42	332	Pd	07	25.60	0.3
XAN	40.04	7	iPd	07	37.80	-0.8
	0.5s		13.00nm			5.0mb
			eS	13	40.00	
SSE	40.41	23	Pc	07	43.10	1.5
	1.0s		27.00nm			5.0mb
Z 20s			0.50um			4.4msz
NJ2	40.41	20	eP	07	42.50	0.9
			pP	07	51.50	30kmX
			sP	08	00.00	
LZH	41.77	0	eP	07	54.00	1.1
	1.6s		53.00nm			5.0mb
Z 22s			0.58um			4.4msz
N 15s			0.49um			
			pP	08	07.00	49km
			PP	09	32.00	
			S	14	07.50	
			esS	14	27.00	
			ScS	17	51.00	
NDI	42.83	325	iPd	08	01.60	0.1
PMG	43.18	97	eP	08	04.00	-0.5
ADE	43.31	137	e(P)	08	05.70	0.3
QLP	43.73	123	iPc	08	09.20	0.4
	0.6s		133.00nm			5.3mb
TIA	43.75	16	Pd	08	08.70	-0.1
TIY	44.15	10	Pd	08	12.40	0.2
KAGJ	45.11	34	P	08	19.60	-0.3
GTA	45.24	356	eP	08	21.00	0.1
	0.8s		29.00nm			5.2mb
Z 28s			0.64um			4.4mszX
			sP	08	36.00	
			ScS	18	15.50	
KUMJ	46.12	32	P	08	28.00	0.2
BTO	46.64	7	eP	08	32.50	0.6
	N 15s		0.74um			
E 14s			0.45um			
			esP	08	51.00	
			ePP	10	22.00	
			eS	15	19.00	
CMS	46.88	128	iPd	08	34.10	0.2
	1.0s		14.00nm			4.8mb
			i	08	49.90	62km
HHC	47.09	8	P	08	36.00	0.5
	2.0s		130.00nm			5.5mb
			sP	08	51.80	
BFD	47.12	137	iPd	08	35.80	0.1
	1.2s		28.00nm			5.1mb
			e	08	51.30	60km
BJI	47.14	13	eP	08	36.00	0.2
	0.8s		31.00nm			5.3mb
Z 22s			0.56um			4.5msz
			eS	15	20.00	
SHNJ	47.50	31	P	08	39.20	0.5
RMO	47.52	121	eP	08	39.40	0.3
	1.1s		76.00nm			5.6mb
			e	10	17.30	520kmX
DL2	47.58	19	Pd	08	39.50	0.3
	0.8s		42.00nm			5.5mb
TKSJ	48.97	34	eP	08	50.10	0.1
TOO	49.34	136	eP	09	08.30	15.3X
	0.7s		15.00nm			
YONJ	49.56	32	eP	08	53.20	-1.4
BWA	50.06	131	eP	09	00.00	1.4
			i	09	10.90	38kmX
			i	09	16.10	
SNY	50.86	19	Pd	09	03.80	-0.5
	1.2s		31.00nm			5.2mb
			sP	09	20.60	
CAN	50.86	131	eP	09	04.80	0.2
			i	09	20.60	61km
ARMA	51.14	125	eP	09	08.30	1.4
BRS	51.22	120	iPc	09	08.30	0.8
			i	09	17.00	29kmX
			i	09	24.00	
			e	11	04.00	
WMQ	51.57	345	iPd	09	09.80	-0.1
	1.0s		84.00nm			5.7mb
Z 20s			0.32um			4.3msz
			pP	09	24.00	53km
			S	16	28.50	
			ScS	18	54.00	
KSH	51.91	333	P	09	12.00	-0.5
	1.0s		120.00nm			5.9mb

Z	20s		1.20um			4.9Msz
			pP	09	24.00	43kmX
			PP	11	10.00	
			S	16	34.00	
MAT	53.16	35	eP	09	20.00	-1.8
	1.4s		48.84nm			5.3mb
CN2	53.24	20	Pc	09	21.50	-0.7
	1.5s		220.00nm			6.0mb
PRZ	53.39	337	iP	09	23.50	0.0
	1.5s		50.00nm			5.3mb
			eS	16	53.00	
MDJ	55.42	22	eP	09	37.50	-0.6
	1.0s		20.00nm			5.1mb
ZAK	56.07	360	ePc	09	42.80	0.2
	0.8s		17.00nm			5.1mb
			e	10	00.50	68kmX
UER	57.84	353	eP	09	53.80	-1.4
	1.3s		20.00nm			5.1mb
			eS	17	50.00	
IRK	57.96	0	eP	09	56.50	0.5
	1.4s		23.00nm			5.1mb
Z	15s		0.25um			4.4MszX
			e	10	11.20	54km
CIT	58.30	7	eP	09	59.50	1.0
ASH	60.67	320	eP	10	13.50	-1.5
ELT	60.76	348	eP	10	14.00	-1.3
	0.6s		14.00nm			5.3mb
			eS	18	26.00	
			e	19	57.00	
DZM	62.55	112	iPc	10	31.30	3.2X
YSS	62.98	29	iPd	10	29.30	-1.0
	0.8s		50.00nm			5.7mb
			e	10	42.90	48km
BOD	64.11	6	eP	10	36.20	-1.4
	1.0s		14.00nm			4.9mb
BRVK	65.19	339	iPd	10	43.00	-1.7
	0.8s		20.00nm			5.2mb
	Z	24s	0.22um			4.3MszX
	N	22s	0.19um			
	E	24s	0.10um			
			eS	19	20.00	
MAW	67.49	196	eP	10	58.00	-1.1
	1.0s		12.00nm			4.9mb
TAB	68.88	315	eP	11	08.00	-0.4
GRS	69.51	316	iPd	11	11.00	-1.2
	1.0s		70.00nm			5.5mb
YAK	70.64	13	iPc	11	17.00	-1.5
	0.7s		59.00nm			5.6mb
			e	11	30.00	45kmX
MTA	71.53	317	iPd	11	24.00	-0.2
	0.8s		70.00nm			5.6mb
GRO	71.68	319	eP	11	41.00	15.9X
SVE	71.69	337	iPd	11	24.50	-0.4
	1.0s		100.00nm			5.7mb
ARU	72.22	336	iPd	11	28.00	-0.1
	1.2s		120.00nm			5.7mb
			e	11	42.00	49km
			eS	20	46.00	
PYA	73.69	319	eP	11	37.00	0.0
			i	11	53.00	58km
KIV	73.90	319	eP	11	38.00	-0.3
	1.7s		73.00nm			5.3mb
BUL	74.02	251	iPc	11	38.70	-0.7
	0.9s		21.01nm			5.1mb
			i	11	53.40	52km
AKSR	74.88	296	iPd	11	44.00	-0.2
AKUR	75.16	296	iPd	11	46.00	0.3
NRI	75.91	354	(P)	11	47.20	-1.9
	1.2s		14.00nm			4.8mb
			i	12	03.00	57km
CSS	77.53	308	eP	11	59.40	0.5
TIK	79.14	8	eP	12	07.00	0.1
	1.0s		11.00nm			4.7mb
			e	12	20.00	44kmX
			eS	21	57.00	
MOS	81.74	329	eP	12	21.00	0.0
			e	12	30.00	29kmX
OBN	82.03	328	iPc	12	23.50	1.0
	1.0s		52.00nm			5.5mb
			i	12	41.00	63km
			e	15	31.00	
KIS	84.07	318	iPd-	12	34.00	0.9
	1.0s		300.00nm			6.3mb X
			e	12	50.00	56km
VRi	85.22	317	ePd	12	40.00	1.0
MLR	85.67	316	iPd	12	42.00	0.6
OUR	86.01	311	eP	12	43.04	0.1

PAIG 86.16 311 eP 12 43.88 0.1
 SRS 86.45 312 eP 12 42.00 -3.2X
 SOH 86.57 311 eP 12 46.05 0.2
 PUL 86.81 331 (P) 12 48.00 1.5
 1.0s 100.00nm 6.0mb
 KNT 86.97 312 eP 12 47.80 0.1
 LIT 87.09 311 eP 12 48.28 0.0
 VAY 87.24 312 iP 12 49.00 0.0
 GRG 87.30 311 eP 12 49.26 -0.1
 DEV 87.83 316 iPd 12 54.50 2.8X
 SKO 88.19 312 iP 12 53.50 0.0
 UZH 88.74 319 eP 12 56.00 0.0
 1.0s 35.00nm 5.6mb

KAF 89.33 333 iP 12 59.20 0.7
 0.6s 18.50nm 5.6mb
 NUR 89.74 331 iP 13 00.90 0.5
 0.5s 6.50nm 5.2mb
 PSZ 90.21 318 ePd 13 03.80 0.8
 OJC 90.61 320 eP 13 05.60 0.9
 SRO 91.25 318 eP 13 08.80 1.1
 ZST 92.10 318 iP 13 12.40 0.8
 KSP 92.91 321 eP 13 15.80 0.5
 e 16 58.30

VBY 93.09 315 ePc 13 16.80 0.6
 PRU 93.95 320 P 13 21.50 1.4
 BRG 94.39 321 iP 13 23.00 0.9
 0.8s 12.00nm 5.4mb

GEC2 94.41 319 Pd 13 22.90 0.5
 1.1s 7.31nm 5.0mb
 e 13 26.20 10kmX

CLL 95.01 321 eP 13 24.00 -0.9
 HFS 95.09 330 eP 13 24.60 -0.5
 0.5s 1.70nm 4.7mb

MOX 95.86 320 eP 13 30.00 1.1
 GRF 96.08 319 eP 13 31.40 1.5
 e 13 50.50 68kmX
 NB2 96.34 331 P 13 30.60 -0.3
 0.8s 1.60nm 4.6mb

VAO 139.41 224 (PKP) 19 32.00 1.0
 ME0 144.65 33 iPKPc 19 38.50 -1.2
 BAO 144.74 232 PKPc 19 38.00 -2.5X
 e 19 41.00
 e 19 48.20
 e 19 54.00
 e 20 02.00
 e 20 10.20
 e 20 26.00
 e 20 34.00

FNO 144.91 31 iPKPc 19 39.80 -0.3
 SIV 153.53 215 PKP 20 03.40 9.4X
 CNCB 155.98 200 ePKP 20 11.00 13.1X
 LPB 156.28 200 ePKP 20 10.00 11.8X
 ZOBO 156.51 200 ePKP 20 02.00 3.3X
 LR 13 28.00

S.D. = 0.9 on 117 of 132 obs.

* OCT 25, 1992 15h 37m 34.47±1.15s
 51.180 N ±14.7km 15.664 E ±7.0km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 MG 3.0 (WAR).

BRG 1.13 255 iPg 37 56.40 0.8
 iSg 38 16.40
 PRU 1.39 211 ePn 38 00.00 0.1
 0.6s 16.70nm

Pg 38 02.30
 e 38 04.10
 Sn 38 19.50
 Sg 38 25.10
 CLL 1.68 275 ePg 38 04.00 0.0
 eSg 38 30.00

KHC 2.45 214 Pn 38 15.00 -0.2
 Pg 38 25.00
 e 38 49.00
 Sg 39 01.50
 HOF 2.56 252 ePn 38 16.10 -0.6
 MOX 2.62 260 ePn 38 17.20 -0.3
 ePg 38 24.70
 iSg 39 03.60

OJC 2.80 108 eP 38 20.20 0.1
 iS 38 56.80
 GRF 3.21 244 ePn 38 23.30 -2.6X
 ePg 38 37.50
 e(Sn) 39 16.70

eSg 39 23.70
 S.D. = 0.5 on 7 of 8 obs.

? OCT 25, 1992 16h 31m 48.06±3.17s
 16.891 N ±25.6km 102.430 W ±17.5km
 DEPTH = 33.0km (normal)
 OFF COAST OF GUERRERO, MEXICO (65)

ACX 2.46 90 iPc 32 27.05 0.2
 iS 32 53.50
 CGX 2.96 341 iP 32 34.00 0.0
 iS 33 05.00

MRX 3.04 23 iPd 32 34.79 -0.1
 iS 33 10.00
 III 3.19 62 iPc 32 37.01 -0.2
 iS 33 14.06

UNM 3.93 51 (P) 32 49.00 1.2
 PPM 4.22 59 iPd 32 52.06 -0.1
 IIT 4.46 61 iPd 32 54.46 -1.0
 IISM 5.24 66 iPd 33 06.16 -0.1

S.D. = 0.7 on 8 of 8 obs.

* OCT 25, 1992 17h 36m 54.16±1.22s
 19.160 S ±11.8km 69.401 W ±13.4km
 DEPTH = 152.0 ±10.7 km
 4.0mb (1 obs.)
 NORTHERN CHILE (123)

CNCB 2.70 30 iPd 37 39.80 0.9
 LPB 2.89 26 iPd 37 42.20 1.0
 1.0s 500.00nm

ZOBO 3.10 23 iPd 37 44.60 0.5
 ARE 3.34 323 iPc 37 45.00 -1.9
 iS 38 13.50

SLA 6.62 148 ePc 38 30.80 0.4
 SIV 8.54 70 P 38 54.80 -1.2
 ITB1 14.96 114 e(P) 40 20.10 0.9
 BAO 20.73 84 e(P) 41 23.00 -1.4

e 41 24.20
 e 41 27.00
 e 41 29.20
 e 41 39.00
 e 42 01.00
 VAO 21.27 104 (P) 41 29.00 -0.8
 PDCR 29.83 82 (P) 42 48.00 -1.2

LIC 68.20 75 P 47 41.50 0.9
 KIC 68.52 75 P 47 42.80 0.3
 YKA 88.84 341 eP 49 33.10 1.4
 0.8s 1.40nm 4.0mb

S.D. = 1.3 on 13 of 13 obs.

? OCT 25, 1992 17h 43m 20.90±1.42s
 29.061 S ±30.5km 176.925 W ±17.6km
 DEPTH = 33.0km (normal)
 4.5mb (4 obs.)
 KERMADEC ISLANDS REGION (177)

RAO 0.89 257 iP 43 38.00 1.0
 S 43 51.50
 MRW 13.93 207 P 46 43.30 5.2X
 S 48 51.00

DZM 16.53 291 iPd 47 18.90 6.9X
 BR5 26.72 266 iPc 49 02.00 2.8X
 RMQ 30.41 267 eP 49 33.50 1.0
 0.7s 10.00nm 4.7mb

TOO 32.36 245 eP 49 48.80 -0.7
 ASPA 44.14 265 iPc 51 26.90 -1.4
 1.2s 7.30nm 4.4mb

WRA 45.00 270 P 51 34.50 -0.8
 0.9s 4.60nm 4.4mb
 SPA 61.10 180 iPc 53 34.20 0.2
 0.9s 6.82nm 4.8mb

KAF 143.59 342 ePKP 02 50.50 -2.7X
 NUR 145.36 341 iPKP 02 57.00 0.7
 0.7s 21.30nm

NB2 147.56 353 PKP 03 03.20 3.2X
 0.6s 2.00nm
 HFS 148.11 350 ePKP 03 03.90 3.1X
 0.3s 0.60nm

S.D. = 1.2 on 7 of 13 obs.

* OCT 25, 1992 18h 04m 26.04±1.43s
 51.048 N ±21.9km 15.822 E ±8.1km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 MG 2.9 (WAR).

KSP 0.36 124 iP 04 32.20 -1.3
 iS 04 40.70

BRG 1.20 262 iPg 04 47.80 -0.6
 iSg 05 07.60
 PRU 1.34 218 ePg 04 53.00 2.3X
 0.5s 22.80nm

e 04 57.20
 eSn 05 10.00
 Sg 05 15.80
 i 05 23.10

CLL 1.79 280 ePg 04 57.00 -0.2
 eSg 05 22.00
 KHC 2.40 218 ePn 05 07.00 0.9
 e 05 19.00
 Sn 05 41.00
 Sg 05 50.40

OJC 2.66 107 eP 05 10.90 1.1
 iS 05 45.60
 MOX 2.70 263 ePg 05 16.00 5.8X
 iSg 05 55.50

S.D. = 1.5 on 5 of 7 obs.

* OCT 25, 1992 19h 30m 32.53±2.36s
 37.171 N ±19.9km 21.578 E ±17.6km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.5 (ATH).

VLI 1.18 112 ePb 30 55.10 0.6
 VLS 1.27 322 ePn 30 55.50 -0.7
 ATH 1.88 64 ePn 31 03.50 -1.4

KZN 3.13 3 ePb 31 23.50 0.6
 KNT 4.12 14 eP 31 36.00 -0.8
 VAY 4.22 10 eP 31 40.00 1.8

S.D. = 1.5 on 6 of 6 obs.

? OCT 25, 1992 20h 12m 00.27±2.47s
 16.980 N ±17.0km 100.051 W ±20.3km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 0.21 121 iP 12 05.00 0.1
 III 1.50 22 iP 12 23.50 -3.9X
 iS 12 43.50

PPM 2.48 33 iP 12 41.00 -0.8
 (S) 13 12.50
 UNM 2.48 19 (P) 12 53.00 11.4X
 (S) 13 20.00

IIT 2.62 39 eP 12 45.50 1.9
 (S) 13 21.50
 MRX 2.92 338 iP 12 47.50 -0.1
 (S) 13 21.00

IISM 3.24 51 eP 12 51.00 -1.1
 S.D. = 1.6 on 5 of 7 obs.

OCT 25, 1992 21h 25m 47.75±0.38s
 43.074 N ±6.3km 0.451 W ±2.7km
 DEPTH = 10.0km (geophysicist)
 PYRENEES (378)
 ML 2.8 (LDG), 2.3 (STR). Felt
 (IV) at Castet and in the Ossau
 Valley, France.

JAU 0.07 121 Pg 25 50.15 -0.1
 Sg 25 51.97

ESCF 0.09 273 Pg 25 50.08 -0.3
 Sg 25 51.73

OGE 0.10 350 Pg 25 50.23 -0.2
 Sg 25 51.86
 ATE 0.18 274 Pg 25 51.66 -0.2
 Sg 25 54.29

BTH 0.19 75 iPg 25 52.10 0.2
 ISSF 0.26 260 Pg 25 53.40 0.2
 Sg 25 57.32

MADF 0.28 285 Pg 25 53.42 -0.2
 Sg 25 58.01
 ELYF 0.41 284 Pg 25 56.86 0.8
 Sg 26 02.32

BOH 0.41 274 Pg 25 56.13 -0.1
 EPF 0.58 94 Pg 25 59.10 -0.5
 Sg 26 07.60

ENSF 0.64 115 Pg 26 00.03 -0.6
 SALF 1.25 104 Pg 26 12.01 1.1
 LPO 2.00 36 Pg 26 24.90 3.0X
 Sn 26 51.40

LFF 2.05 24 Pg 26 26.20 3.5X
 Sg 26 53.30

25d 21h

CAF 2.59 44 Pg 26 36.00 5.5X
Sg 27 09.90
RJF 2.64 32 Pg 26 37.30 6.2X
Sg 27 10.00
LSF 3.48 23 Pg 26 52.20 9.3X
Sg 27 35.70
MFF 3.53 3 Pn 26 43.70 -0.1
Pg 26 54.00
Sg 27 38.33

S.D. = 0.5 on 13 of 18 obs.

? OCT 25, 1992 22h 05m 55.18± 7.68s
15.715 N ± 18.4km 59.930 W ± 68.3km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 3.3 (FDF).

DEG 1.24 299 eP 06 16.50 0.2
CRM 1.35 225 eP 06 17.95 0.1
MGG 1.35 279 eP 06 18.00 0.1
MVM 1.48 219 eP 06 20.40 0.6
FDF 1.53 231 eP 06 20.66 0.1
BIM 1.62 223 eP 06 22.40 0.5
PAG 1.71 281 eP 06 24.00 0.8
S 06 48.00

S.D. = 0.3 on 7 of 7 obs.

% OCT 25, 1992 22h 16m 19.42± 1.81s
65.333 N ± 8.6km 0.546 E ± 18.6km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)

MOL 4.15 129 eP 17 24.61 0.5
eS 18 02.86
FOO 4.26 150 eP 17 26.72 1.0
eS 18 07.11
SUE 4.70 154 eP 17 32.00 0.1
eS 18 22.00
HYA 4.90 146 eP 17 33.71 -1.0
eS 18 18.68
LRW 5.28 189 eP 17 40.65 0.5
eS 18 35.80
ASK 5.31 154 eP 17 42.00 1.4
eS 18 37.00
EGD 5.51 155 eP 17 42.60 -0.9
eS 18 41.00
LOF 5.86 56 eP 17 48.02 -0.3
eS 18 46.02
KMY 6.52 158 eP 17 55.94 -1.7
eS 18 59.97
NRA0 6.80 128 Pn 18 00.56 -1.0
S 19 13.61
HFS 7.97 125 eP 18 19.20 1.3
0.3s 1.70nm 4.7mb
KTK1 9.52 57 eP 18 39.52 0.0
ARA0 10.42 55 Pn 18 51.92 0.1
Sn 20 41.99

S.D. = 1.1 on 13 of 13 obs.

OCT 25, 1992 23h 15m 25.04± 0.39s
41.416 N ± 3.8km 6.988 W ± 4.9km
DEPTH = 33.0km (normal)
PORTUGAL (376)
mbLg 4.1 (MDD). Felt (III) in
the Mocedo de Cololeiros area.
Felt (III) in Zamora, southern
Orense and western Salamanca
Provinces, Spain.

ERUA 0.98 353 iPg 15 42.85 0.3
eSg 15 55.00
EZAM 1.47 300 iPnd 15 49.50 0.0
eSn 16 09.40
EPLA 1.52 153 iPnd 15 51.06 0.9
eSn 16 09.30
STS 1.87 322 iPnd 15 55.15 -0.2
eSn 16 18.00
EMON 2.03 353 ePn 15 57.68 0.0
eSn 16 21.50
GUD 2.28 109 ePn 16 01.83 0.6
eSn 16 28.00
PAB 2.75 132 iPn 16 08.50 0.7
iPg 16 17.00
iSn 16 40.80
eSb 16 49.00
eSg 16 52.50
ECRI 3.54 69 ePn 16 19.03 -0.1

ETOR 3.77 97 iPnc 16 22.47 0.1
EHOR 3.83 159 iPnd 16 22.70 -0.4
eSn 17 07.30
EVAL 3.83 177 iPnd 16 23.10 0.0
EBAN 4.08 142 ePn 16 25.83 -0.9
EVIA 4.42 127 iPn 16 30.60 -1.1
eSn 17 20.20
EPRU 4.65 162 ePn 16 34.04 -0.7
ECOG 4.91 146 ePn 16 38.90 0.3
MAL 5.09 156 ePn 16 42.00 1.0
iSg 18 06.00

BTH 5.31 69 iPnc 17 08.10 24.0X
i 17 09.60
i 17 44.00
i 17 51.00
i 17 59.00
iSg 18 11.50
i 18 18.50
EPF 5.68 71 Pn 16 49.30 0.0
Sn 17 48.20
Sg 18 22.00
EBR 5.68 94 ePn 16 49.00 -0.3
eSn 17 51.00
eSg 18 25.00

LFF 6.66 55 Pn 17 01.20 -1.8X
Sn 18 10.30
LPO 6.82 59 Pn 17 03.10 -2.3X
Sg 18 17.00
MFF 7.15 41 Pn 17 07.10 -2.9X
Sg 18 23.00

RJF 7.31 55 Pn 17 09.40 -2.9X
Sn 18 26.60
CAF 7.49 59 Pn 17 11.80 -3.0X
Sn 18 30.20
LSF 7.83 49 Pn 17 16.90 -2.5X
Sn 18 40.50
LPF 7.85 31 Pn 17 17.10 -2.6X
Sn 18 38.70

GRR 8.21 30 Pn 17 21.50 -3.3X
Sn 18 47.50
TCF 8.24 51 Pn 17 22.40 -2.8X
Sn 18 48.60
MAF 8.41 52 Pn 17 24.10 -3.5X
Sn 18 52.90

FLN 8.67 30 Pn 17 28.20 -2.8X
LDF 8.67 32 Pn 17 27.60 -3.4X
BGF 8.75 51 Pn 17 29.40 -2.9X
Sn 19 00.40
AVF 9.17 51 Pn 17 34.80 -3.3X
SMF 9.39 53 eP 17 37.40 -3.6X
LBF 9.64 51 Pn 17 40.80 -3.7X
LOR 9.72 49 Pn 17 41.80 -3.9X
LPL 10.78 63 Pn 17 57.90 -2.5X
HAU 11.54 51 Pn 18 07.90 -2.6X
DOU 11.85 39 iPc 18 11.20 -3.4X
0.3s 5.00nm 5.2mb X
iS 20 17.90

S.D. = 0.6 on 18 of 39 obs.

* OCT 26, 1992 00h 37m 35.65± 1.57s
40.016 N ± 8.4km 19.766 E ± 12.2km
DEPTH = 5.0km (geophysicist)
ALBANIA (391)
ML 2.8 (TIR).

SRN 0.23 127 iPg 37 39.90 -0.3
iSg 37 43.90
TPE 0.34 34 iPg 37 40.40 -2.0
iSg 37 46.80
VLO 0.50 335 ePg 37 45.10 -0.5
iSg 37 55.10
IGT 0.65 138 ePg 37 47.40 -1.3
eSg 37 58.00
LSK 0.65 78 iPg 37 47.50 -1.2
iSg 37 58.00
BERA 0.70 11 ePg 37 47.90 -1.7
iSg 37 58.00
TIR 1.33 3 ePn 38 02.00 1.3
iSn 38 25.00
FNA 1.45 58 ePb 38 03.36 0.7
iSb 38 25.16
LACI 1.62 358 ePn 38 08.00 3.1X
PHP 1.74 17 iPnd 38 07.50 0.7
iSn 38 34.50
LIT 2.09 87 ePn 38 13.08 1.3
P 38 15.50 3.0X
eSn 38 42.00

GRG 2.22 64 ePn 38 15.28 1.6
SKO 2.33 32 iPn 38 18.00 2.8X
1.1s 37.00nm
i 38 49.00
Lg 39 00.00
VAY 2.50 58 iPn 38 18.40 0.8
KNT 2.65 63 ePn 38 20.48 0.7
S.D. = 1.4 on 13 of 16 obs.

* OCT 26, 1992 03h 19m 39.20s
40.307 N 124.545 W
DEPTH = 19.8km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 3.1 (GM).

FHC 0.65 41 eP 19 51.04 -0.8
WDC 1.55 79 eP 20 03.52 -2.4
LBFM 2.27 62 eP 20 15.25 -1.2
NTYM 2.41 142 (P) 20 15.77 -2.4
ORV 2.46 107 eP 20 16.42 -2.5
eS 20 44.45
5 obs. associated

? OCT 26, 1992 03h 28m 42.47± 1.74s
21.512 S ± 19.4km 179.098 W ± 34.5km
DEPTH = 632.1 ± 21.5 km
4.8mb (9 obs.)
FIJI ISLANDS REGION (181)

VUN 4.17 326 eP 30 10.20 -1.6
SGE 4.81 324 eP 30 18.10 1.7
MBU 4.96 335 iP 30 17.80 0.3
DZM 13.44 265 iPd 31 34.10 -1.0
KUZ 15.84 195 eP 31 59.40 1.5
URZ 17.01 190 eP 32 06.80 -2.1
NOZ 17.23 188 eP 32 11.10 0.2
ARMA 27.71 245 iPd 33 45.60 0.7
0.2s 5.00nm 4.8mb
RMO 29.74 254 iPd 34 02.90 0.8
0.7s 28.00nm 5.0mb
CMS 32.80 245 iPd 34 28.00 0.2
0.3s 7.00nm 4.8mb
QLP 33.79 254 eP 34 36.00 0.0
0.3s 36.00nm 5.5mb
TOO 34.48 234 iPd 34 42.30 0.7
0.6s 12.00nm 4.7mb
OIS 38.48 264 iPd 35 13.60 -0.8
0.3s 2.00nm 4.1mb
ASPA 43.30 258 iPd 35 52.60 0.0
0.6s 42.90nm 5.1mb
MTN 48.16 272 eP 36 29.00 -0.7
WARB 49.55 253 iPd 36 39.10 -0.7
0.4s 10.00nm 4.6mb
NANU 60.15 256 iPd 37 54.00 0.7
0.4s 18.00nm 4.7mb
S.D. = 1.1 on 17 of 17 obs.

? OCT 26, 1992 03h 56m 56.02± 10.77s
39.822 N ± 56.3km 24.491 E ± 61.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 2.5 (THE).

PAIG 0.63 280 ePg 57 08.37 -0.4
eSg 57 16.96
SOH 1.32 319 ePb 57 20.24 -0.3
SRS 1.46 332 ePb 57 21.80 -0.7
eSb 57 40.70
KNT 1.81 318 ePb 57 28.60 1.2
eSb 57 51.88
S.D. = 1.4 on 4 of 4 obs.

OCT 26, 1992 04h 29m 18.76± 0.22s
7.448 N ± 3.6km 76.559 W ± 4.3km
DEPTH = 10.0km (geophysicist)
5.0mb (23 obs.) 4.4MsZ (13 obs.)
NORTHERN COLOMBIA (99)
MD 4.8 (UPA).

HOBC 3.10 172 ePd 30 07.14 -1.6
UPA 3.32 298 iP 30 14.78 3.0X
eS 30 53.02
BMG 3.48 96 eP 30 18.00 3.9X
CLMC 3.54 180 ePd 30 13.92 -1.2
ECO 3.64 302 eP 30 19.53 3.1X
eS 30 57.91
BOG 3.74 138 iPc 30 24.00 5.8X

AZUC	3.75	174	eP	30	14.00	-0.4	JFWS	Z 20s	0.41um	4.2Msz	PKI	141.06	26	PKP	48	53.40	1.1	
ANCC	3.92	185	eP	30	19.12	-1.2		37.33	343 eP	36 31.65	-1.4	HYB	145.14	45	ePKP	49	00.00	0.8
HOOC	3.95	181	iPd	30	19.40	-1.7		0.8s	14.96nm	4.8mb		1.0s	30.00nm					
PURC	5.10	178	ePd	30	39.32	1.8	ALQ	38.77	319 eP	47 56.57	0.5	ASPA	146.63	238	iPKPc	49	02.40	0.9
DVD	5.92	280	eP	30	49.10	0.5		1.2s	55.65nm	5.1mb		1.2s	15.40nm					
SDV	6.04	76	iPnc	30	51.20	0.7	Z 19s	0.50um	4.3Msz			GBA	146.77	51	PKP	49	04.00	2.1
BRU	6.09	283	eP	30	50.88	-0.6	EEO	39.11	357 eP	36 53.00	5.0X	WRA	147.58	244	PKP	49	04.40	1.3
PSO	6.26	187	eP	30	58.00	4.2X	TUC	40.29	313 ePc	36 58.49	0.5	KMI	147.62	1	ePKP	49	07.50	4.2X
TOV	7.08	70	ePc	31	04.20	-0.9		1.2s	25.34nm	4.8mb		1.6s	30.00nm					
			iPP	31	06.60		Z 20s	0.86um	4.6Msz			S.D. = 1.1 on 84 of 112 obs.						
MORO	8.82	67	eP	31	29.60	0.2	GOL	41.21	326 eP	37 06.09	0.4							
LLAV	10.09	72	eP	31	47.80	0.9		1.0s	60.26nm	5.3mb		? OCT 26, 1992	04h	41m	37.78±11.10s			
PCJ	10.25	357	iPd	31	47.17	-1.8X	Z 19s	0.59um	4.5Msz			19.133 N ±94.4km	66.445 W ±11.3km					
YHJ	10.38	0	iPd	31	50.05	-0.8	VAO	41.88	137 eP	37 10.40	-0.7	DEPTH = 33.0km (normal)						
			S	33	45.70		PDCR	42.17	118 eP	37 10.40	-3.1X	PUERTO RICO REGION (90)						
HOJ	10.49	359	iPd	31	51.66	-0.7	BMA	43.63	134 eP	37 30.00	4.6X	APR	0.73	202	iP	41	52.00	0.4
STH	10.57	359	iPd	31	51.45	-2.0X	GLA	43.63	311 eP	37 26.49	1.2				S	42	01.50	
			S	33	42.22		SRU	43.88	321 ePd	37 27.60	0.2	LRS	0.92	204	iP	41	53.90	-0.4
CUM	12.60	75	iP	32	39.00	18.1X	EMUT	44.48	322 eP	37 32.74	0.3				S	42	05.40	
TRN	15.30	77	eP	32	57.00	0.5	MSU	44.58	319 eP	37 33.77	0.6	LPR	0.98	146	iP	41	55.30	0.0
BPA	17.23	55	eP	33	23.65	2.4X			PP	39 18.15					S	42	07.80	
NNA	19.31	181	eP	33	51.50	4.5X	ARUT	45.01	318 ePd	37 36.87	0.3	SJG	1.05	165	iP	41	56.40	0.1
IISM	23.25	302	(P)	34	31.00	3.6X			ePP	39 19.85		PORP	1.09	190	iP	41	56.60	-0.2
ARE	24.28	168	eP	34	41.00	3.3X			iPP	39 30.47		CPD	1.20	155	iP	41	58.30	0.0
PPM	24.35	300	(P)	34	40.00	1.3	DAU	45.11	322 ePd	37 37.93	0.4	MGP	1.28	209	iP	41	59.50	0.1
III	24.80	298	(P)	34	45.00	2.4	PLM	45.29	310 eP	37 39.84	0.9	S.D. = 0.3 on 7 of 7 obs.						
ZOBO	25.01	161	P	34	45.00	-0.2	ULM	45.61	343 ePc	37 43.00	2.1							
	1.8s	228.11nm			5.6mb		DUG	45.95	321 eP	37 44.38	0.5							
		S		39	12.00			1.0s	14.12nm	4.9mb		OCT 26, 1992	04h	51m	38.21±0.54s			
LPB	25.25	161	P	34	48.40	1.2	GSC	46.12	313 eP	37 45.73	0.5	37.848 N ± 5.6km 26.713 E ± 4.0km						
	1.8s	636.36nm			6.0mb X		PTI	47.27	324 eP	37 54.07	-0.3	DEPTH = 10.0km (geophysicist)						
		S		39	16.00		ISA	47.49	312 P	38 10.00	13.9X	DODECANESE ISLANDS (369)						
		LR		42	46.00			Z 21s	0.63um	4.6Msz		MD 3.8 (ATH).						
CNCB	25.55	161	Pc	34	51.00	0.8	HHA1	47.54	325 eP	37 56.26	-0.2	IZM	0.70	38	iPg	51	51.50	-0.5
MRX	26.82	299	(P)	35	04.50	3.3X	TNP	47.72	316 eP	37 58.27	0.2	PRK	1.44	346	ePn	52	04.10	-0.2
JSC	27.05	351	eP	35	03.75	0.5		1.0s	20.16nm	5.2mb		EZN	2.00	351	iPn	52	12.30	0.0
LHS	27.18	152	eP	35	04.81	0.4	BONR	48.41	315 ePd	38 04.09	0.6	KHL	2.27	77	ePn	52	16.20	-0.2
SIV	27.88	147	P	35	11.60	0.6	LRM	49.17	327 eP	38 09.00	-0.2	ATH	2.37	274	ePn	52	17.90	0.1
CEH	28.40	356	P	35	20.00	4.5X	CMB	49.91	314 P	38 20.00	5.2X	EDC	2.65	19	ePn	52	22.00	0.3
	Z 19s	0.33um			3.9Msz			Z 21s	0.33um	4.3Msz		BNT	2.67	20	iPn	52	22.10	0.0
BLA	29.84	354	eP	35	29.11	0.7	ARN	50.44	313 eP	38 19.31	0.5	KCT	2.72	28	iPn	52	23.90	1.2
	1.0s	21.74nm			4.9mb		ORV	51.37	316 (P)	38 27.40	1.7	NPS	2.73	199	ePn	52	31.00	8.1X
NAV	29.98	353	eP	35	30.17	0.4	LBFM	52.44	318 eP	38 33.36	-0.7	ELL	2.77	112	ePn	52	25.00	1.4
OLY	31.09	336	eP	35	38.36	-1.1	WDC	52.53	316 P	38 40.00	5.4X	ALN	3.09	351	iP	52	27.41	-0.4
MIAR	31.19	332	eP	35	39.09	-1.3		Z 20s	0.49um	4.5Msz		BCK	3.10	96	ePn	52	27.00	-1.1
	1.3s	11.74nm			4.6mb		DPW	53.55	326 eP	38 41.49	-0.5	PAIG	3.15	312	iP	52	42.72	14.0X
	Z 21s	0.39um			4.1Msz		VGB	53.75	323 eP	38 41.15	-2.4X	VLI	3.22	251	ePn	52	29.10	-0.6
FVM	32.89	340	eP	35	54.38	-0.8	LON	55.00	323 eP	38 51.92	-0.8	YLV	3.41	36	ePn	52	31.50	-1.1
	1.5s	131.84nm			5.6mb		GMW	55.98	324 eP	38 58.49	-1.2	AGG	3.64	290	eP	52	36.08	0.3
LVNJ	33.26	2	(P)	35	55.90	-2.4	MCW	56.58	325 eP	39 02.85	-1.2	SOH	3.95	320	eP	52	48.24	8.1X
LNO	33.35	331	ePc	35	58.00	-1.1	YKA	61.53	341 eP	39 36.50	-1.6	SRS	4.06	324	eP	52	41.52	-0.2
		e		36	18.90			0.9s	10.40nm	5.0mb		KNT	4.43	319	eP	52	47.08	0.1
TUL	33.35	331	eP	35	58.10	-1.1	TIC	70.93	86 P	40 38.08	-0.8	VAY	4.72	319	eP	53	07.40	16.3X
	1.4s	140.40nm			5.7mb		LIC	70.96	86 P	40 38.58	-0.5	MLR	7.66	356	ePc	53	33.00	0.4
	Z 20s	0.32um			4.0Msz		KIC	71.23	86 P	40 40.72	0.0	VRI	8.02	0	eP	53	50.00	12.6X
		LR		45	05.00			0.8s	12.50nm	5.1mb		S.D. = 0.7 on 17 of 22 obs.						
FNO	33.65	328	iPc	36	01.00	-0.8	MAL	71.28	54 eP	40 41.50	0.9	* OCT 26, 1992 05h 43m 46.92±1.52s						
MEQ	33.92	326	iPd	36	02.90	-1.3	MBC	72.59	350 eP	40 47.00	-0.7	31.870 S ±11.6km 71.367 W ±15.8km						
HRV	35.19	6	P	36	20.00	5.0X		1.2s	12.00nm	4.9mb		DEPTH = 60.6 ± 16.5 km						
	Z 18s	0.62um			4.4Msz		TOA	73.97	333 eP	40 57.00	0.9	NEAR COAST OF CENTRAL CHILE (135)						
ACO	35.66	328	iPd	36	18.10	-1.0	PMR	75.22	332 eP	40 59.85	-3.3X	IHA	1.18	191	iPc	44	06.90	-0.6
BAO	36.42	129	Pd	36	23.10	-2.8X		1.4s	42.36nm	5.3mb					iS	44	22.90	
		e		36	27.00		Z 19s	0.33um	4.6Msz			ZON	2.31	83	eP	44	27.00	3.6X
		e		36	39.00		FBA	75.37	335 eP	41 02.88	-1.2	RTCV	2.41	91	iPd	44	29.50	4.8X
		e		36	44.10			1.0s	7.82nm	4.7mb		RTLL	2.53	78	iPc	44	30.00	3.6X
		e		36	54.00		SPU	76.53	331 (P)	41 10.09	-0.6	MRA	4.83	98	e(P)	45	00.50	1.7
		e		37	01.00		CRP	76.59	331 eP	41 08.53	-2.6X				(S)	45	59.00	
		e		37	05.90		IMA	78.01	336 eP	41 18.62	-0.3	TCA	5.81	87	iP	45	12.70	0.2
		e		44	48.00			1.4s	17.95nm	5.0mb		CYA	5.91	56	eP	45	13.00	-0.9
		e		46	45.80		SVW	78.23	331 eP	41 21.82	1.7	CNCB	15.31	12	eP	47	22.00	0.7
		e		47	12.80			1.2s	57.68nm	5.5mb		LPB	15.56	12	eP	47	29.00	4.7X
		e		47	46.20		TTA	78.61	333 eP	41 20.71	-1.5	ZOBO	15.79	11	eP	47	28.00	0.5
		e		48	05.40			1.4s	17.80nm	4.9mb		BAO	26.72	58	Pd	49	21.00	-1.7
		e		48	14.10		HON	79.39	290 P	41 40.00	12.9X				e	49	34.80	
		e		48	26.00		Z 19s	0.93um	5.1Msz			KIC	73.88	72	P	55	16.30	-1.1
		e		48	36.20		NB2	82.46	29 P	41 44.00	1.4	GBA	146.14	115	PKP	03	23.00	1.7
		e		48	54.00			0.9s	2.30nm	4.3mb		S.D. = 1.5 on 9 of 13 obs.						
		e		48	56.00		KHC	84.52	41 eP	41 54.00	0.6	% OCT 26, 1992 05h 52m 31.73±1.80s						
		e		49	03.20				e	42 06.00		46.694 N ±15.8km 0.398 W ±20.3km						
		e		49	08.00		GEC2	84.62	42 Pc	41 56.70	2.7X	DEPTH = 10.0km (geophysicist)						
		e		49	18.00			0.8s	1.31nm	4.2mb		(538)						
RSNY	37.00	2	eP	36	31.12	0.9	ZST	86.94	42 eP	42 04.20	-1.1	FRANCE						
	1.0s	15.98nm			4.7mb		GKN	140.35	27 PKP	48 52.20	1.4	ML 2.3 (LDG).						
							GUN	140.96	25 PKP	48 50.00	-2.2							

26d 05h

MFF	0.20	118	Pg	52	35.00	-1.1
			Sg	52	37.40	
LSF	1.40	108	Pg	52	56.00	-1.4
			Sg	53	12.30	
LPF	1.41	342	Pg	52	56.90	-0.5
			Sg	53	15.60	
GRR	1.72	350	Pg	53	01.50	-0.4
			Sg	53	23.70	
TCF	1.85	102	Pn	52	59.10	-4.6X
			Pg	53	03.40	
			Sg	53	25.30	
LDF	1.91	6	Pg	53	04.90	0.3
			Sg	53	27.90	
RJF	1.93	135	Pg	53	06.10	1.2
			Sg	53	30.20	
FLN	2.07	358	Pg	53	07.30	0.4
			Sg	53	32.60	
MAF	2.10	102	Pg	53	07.60	0.2
			Sg	53	32.80	
BGF	2.24	92	Pg	53	10.60	1.2
			Sg	53	36.00	
CAF	2.47	135	Pg	53	15.80	3.1X
			Sg	53	47.80	

S.D. = 1.0 on 9 of 11 obs.

% OCT 26, 1992 05h 55m 21.62±0.89s
46.516 N ± 9.5km 1.085 E ± 6.1km
DEPTH = 10.0km (geophysicist)

FRANCE (53B)
ML 2.0 (LDG).

LSF	0.41	131	Pg	55	29.20	-0.7
			Sg	55	34.60	
TCF	0.81	106	Pg	55	37.10	-0.3
			Sg	55	47.80	
MFF	0.85	276	Pg	55	37.90	-0.2
			Sg	55	47.20	
MAF	1.07	106	Pg	55	41.80	0.1
BGF	1.22	87	Pg	55	45.00	0.7
			Sg	56	00.20	
RJF	1.25	166	Pg	55	44.30	-0.5
			Sg	56	00.30	
AVF	1.59	79	Pn	55	49.30	-0.5
			Pg	55	51.30	
			Sg	56	11.10	
CAF	1.73	156	Pg	55	53.40	1.4
			Sg	56	15.60	
SMF	1.91	85	P	55	57.50	3.0X
			Sg	56	21.80	
LBF	2.04	76	Pg	55	59.50	3.0X
			Sg	56	24.50	

S.D. = 0.9 on 8 of 10 obs.

? OCT 26, 1992 06h 34m 53.75±0.92s
44.261 N ± 10.9km 7.463 E ± 6.9km
DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
ML 1.3 (GEN).

ENR	0.05	222	P	34	55.87	-0.1
			S	34	57.34	
STV	0.10	261	P	34	56.68	0.1
			S	34	58.47	
ROB	0.29	83	P	34	59.95	0.0
			S	35	04.36	
PZZ	0.36	313	P	35	01.08	-0.1
			S	35	06.66	

S.D. = 0.2 on 4 of 4 obs.

& OCT 26, 1992 06h 55m 14.53s
35.946 N 120.494 W
DEPTH = 10.2km

CENTRAL CALIFORNIA (39)
<GM-P>. MD 3.3 (GM). ML 2.9 (BRK).

PHAM	0.13	145	iPd	55	18.10	0.3
PRI	0.24	325	iPc	55	20.23	0.5
			eS	55	27.15	
PKEM	0.33	70	iPc	55	23.11	1.7
LLA	0.76	332	iPd	55	29.41	0.0
			eS	55	43.46	
PRS	0.81	299	iPc	55	29.66	-0.5
			eS	55	40.90	
SAO	1.12	317	iPc	55	34.55	-1.0
			eS	55	50.03	
FRI	1.22	31	iPd	55	36.24	-1.0

ABL	1.51	136	eP	55	40.36	-1.4
GCC	1.62	312	eP	55	42.78	-0.4
ARN	1.63	329	eP	55	42.52	-0.9
CMB	2.09	2	eP	55	49.86	-0.1
BONR	2.67	41	ePn	55	58.88	0.3
SSK	2.88	126	eP	56	01.23	-0.2
NTYM	2.99	325	(P)	56	03.23	0.5
GSC	3.07	101	ePn	56	02.13	-1.9
TNP	3.38	50	(Pn)	56	09.50	0.9
TPNV	3.57	72	(Pn)	56	13.93	2.8
ORV	3.69	348	eP	56	13.60	0.8
MSU	7.11	66	(Pn)	57	04.59	3.2
			ePg	57	26.87	

19 obs. associated

& OCT 26, 1992 07h 00m 49.78s
63.434 N 151.093 W
DEPTH = 14.5km
CENTRAL ALASKA (1)
<AEIC>. ML 2.5 (AEIC). 3.1 (PMR).

KTH	0.14	33	iP	00	53.45	-0.3
TRF	0.36	87	iP	00	57.35	-0.2
			eS	01	02.90	
HUR	0.80	124	eP	01	05.03	0.1
RND	1.01	91	eP	01	08.53	0.0
			eS	01	21.94	
MCK	1.01	72	eP	01	08.60	0.1
			eS	01	23.54	
NEA	1.45	37	eP	01	16.56	1.1
			eS	01	36.43	
SKT	1.47	188	eP	01	16.36	0.6
			eS	01	35.88	
MLY	1.61	5	eP	01	17.32	-0.5
			eS	01	40.59	
WRH	1.69	51	eP	01	17.81	-1.0
PWA	1.88	162	eP	01	23.30	1.7
CCB	1.89	48	eP	01	20.48	-1.3
GHO	1.95	148	eP	01	22.75	0.0
			eS	01	48.54	
MDM	1.98	38	eP	01	24.00	0.9
SUA	1.98	175	eP	01	24.66	1.4
			eS	01	51.51	
PLRM	2.06	153	eP	01	24.58	0.3
PMR	2.06	153	eP	01	25.50	1.2
FBA	2.06	43	eP	01	28.60	4.3
SML	2.07	141	eP	01	24.35	-0.1
HDA	2.07	60	eP	01	27.67	3.2
NCG	2.10	194	eP	01	27.61	2.7
CGLM	2.18	192	eP	01	28.70	2.6
CRP	2.23	193	eP	01	27.75	0.8
GLM	2.25	44	eP	01	25.58	-1.5
BGL	2.26	196	eP	01	28.87	1.6
CKN	2.28	193	eP	01	28.90	1.5
TTA	2.29	259	eP	01	31.20	3.6
CKT	2.30	194	eP	01	29.14	1.3
PMS	2.31	161	eP	01	30.20	2.3
CKL	2.32	195	eP	01	29.61	1.5
SCM	2.37	131	eP	01	29.50	0.7
KNK	2.37	148	eP	01	29.49	0.7
BKG	2.44	194	eP	01	30.59	0.9
DJE	2.48	74	eP	01	32.58	2.3
PAX	2.59	98	eP	01	34.05	2.1
TOA	2.63	118	eP	01	33.90	1.4
			i	01	36.50	
SDG	2.69	107	eP	01	34.24	0.9
PTE	2.76	158	eP	01	35.09	0.9
IMA	2.87	338	eP	01	35.50	-0.4
DFR	2.95	195	eP	01	39.78	2.8
TZL	2.96	116	eP	01	36.88	-0.2
SLKM	2.97	172	eP	01	39.18	2.0
MFA	3.07	164	eP	01	40.53	2.0
RDW	3.07	196	eP	01	40.41	1.6
RS2	3.08	196	eP	01	40.22	1.2
KLU	3.09	127	eP	01	40.44	1.4
			eS	02	20.66	
DOT	3.16	83	eP	01	40.56	0.7
GLI	3.18	142	eP	01	41.12	0.9
VLZ	3.21	134	eP	01	41.24	0.7
FID	3.46	139	eP	01	44.88	0.7

28 obs. associated

& OCT 26, 1992 07h 44m 58.53s
34.610 N 116.575 W
DEPTH = 8.6km

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 3.0 (PAS).

GSC	0.72	345	ePd	45	11.72	-1.1
SSK	1.01	247	ePc	45	16.80	-1.0
			(S)	45	29.41	
PLM	1.28	191	ePd	45	21.80	-0.7
			eLg	45	38.65	
ISA	1.88	305	ePn	45	28.99	-2.2
GLA	2.13	136	ePn	45	34.23	-0.6
			ePg	45	37.59	
ABL	2.19	277	ePn	45	34.11	-1.8
			ePg	45	37.80	
TPNV	2.35	6	(P)	45	43.10	5.0
BCH	2.94	282	ePn	45	44.51	-1.9
PHAM	3.36	292	(P)	45	53.10	0.8
BONR	3.62	338	ePn	45	54.96	-1.3
ARUT	4.06	38	eP	46	03.89	1.5

11 obs. associated

? OCT 26, 1992 07h 53m 59.12±6.90s
36.527 N ± 60.6km 3.078 W ± 12.1km
DEPTH = 10.0km (geophysicist)

STRAIT OF GIBRALTAR (385)

mbLg 3.2 (MDD). Felt (III) in the Turon area, Spain.

EGUA	0.50	308	iPgc	54	09.58	0.4
			iSg	54	16.50	
ENIJ	0.83	57	ePg	54	14.60	-0.6
			iSg	54	24.80	
ECOG	0.85	333	iPg	54	14.01	-1.5
			iSg	54	21.80	
MAL	1.09	281	iPn	54	25.50	5.9X
			iSg	54	36.50	
EBAN	1.73	341	ePn	54	29.84	0.4
			iSn	54	49.10	
EPRU	1.78	285	ePn	54	34.99	4.8X
			iSn	54	56.10	
EVIA	2.16	12	iPnc	54	36.95	1.3
			iSn	55	00.30	
EHOR	2.16	307	ePn	54	39.73	4.1X
			iSn	55	04.80	
PAB	3.18	342	ePg	54	59.00	8.9X

49 obs. associated

& OCT 26, 1992 07h 27m 40.51s
35.947 N 120.487 W
DEPTH = 10.2km

CENTRAL CALIFORNIA (39)

<GM-P>. MD 3.9 (GM). ML 3.3 (BRK). Felt (IV) at San Ardo and (III) at Bradley, Crestan, Parkfield and Shandon.

PHAM	0.13	147	iPd	27	44.03	0.3
PRI	0.24	323	iPc	27	46.26	0.5
PKEM	0.33	69	iPc	27	49.05	1.7
LLA	0.76	331	iPd	27	55.47	0.1
			eS	28	08.93	
PRS	0.81	298	iPc	27	55.62	-0.6
			eS	28	06.73	
BCH	0.83	157	ePd	27	56.14	-0.4
SAO	1.12	317	eP	28	00.48	-1.1
FRI	1.22	31	iPc	28	02.31	-0.8
			eS	28	18.60	
ABL	1.51	136	eP	28	06.12	-1.6
GCC	1.63	312	eP	28	07.44	-1.8
ARN	1.63	329	eP	28	08.50	-0.9
ISA	1.66	99	ePc	28	08.56	-1.3
			eS	28	30.33	
CMB	2.09	2	eP	28	15.42	-0.6
PCC	2.17	316	iPc	28	15.42	-1.7
BKS	2.38	324	eP	28	18.64	-1.5
ZSP	2.45	325	eP	28	19.73	-1.3
BONR	2.66	40	ePn	28	24.85	0.4
SSK	2.87	126	ePn	28	25.71	-1.6
NTYM	2.99	325	eP	28	27.06	-1.7
GSC	3.07	101	eP	28	28.23	-1.7
TNP	3.37	50	ePn	28	34.10	-0.4
TPNV	3.56	72	ePn	28	36.63	-0.4
KVN	3.63	31 (Pn)		28	39.95	1.8
ORV	3.69	348	eP	28	38.16	-0.6
PLM	3.95	130	eP	28	40.60	-2.1
LBFM	5.50	349 (Pn)		29	07.26	2.6
ARUT	5.94	70 (Pn)		29	08.30	-2.5
MSU	7.11	66	ePn	29	27.26	0.0
			ePg	29	50.50	

S.D. = 1.5 on 5 of 9 obs.
 & OCT 26, 1992 07h 56m 35.25s
 46.857 N 120.721 W
 DEPTH = 0.1km
 WASHINGTON (29)
 <SEA-P>. MD 3.5 (SEA). ML 3.5
 (GS). Felt (V) at Noches. Also
 felt at Selah.

EBG	0.12	63	P	56	36.54	-1.1
NAC	0.14	218	Pd	56	37.17	-0.9
TWW	0.30	340	Pc	56	41.77	0.6
TBM	0.32	15	Pd	56	41.92	0.2
YAKW	0.36	158	P	56	41.55	-0.9
MXC	0.41	133	Pd	56	41.96	-1.4
BVW	0.58	94	Pc	56	46.06	-0.7
WPW	0.59	255	Pc	56	46.06	-1.0
			S	56	55.07	
BRVW	0.62	126	P	56	47.07	-0.7
FMW	0.66	277	Pc	56	47.64	-0.7
GLK	0.68	245	Pc	56	47.99	-0.8
RCS	0.69	272	Pc	56	48.27	-0.8
MDW	0.70	110	Pc	56	48.29	-1.0
LON	0.76	262	iPc	56	48.78	-1.6
REMR	0.77	268	Pc	56	49.41	-1.2
ETW	0.79	19	Pd	56	49.61	-1.5
WAH2	0.80	97	Pc	56	50.07	-1.2
GSM	0.81	296	Pc	56	50.39	-1.1
RVC	0.86	276	Pc	56	51.14	-1.3
RC1	0.89	84	P	56	51.49	-1.5
LOCW	0.90	98	P	56	51.93	-1.2
GL2	0.90	185	P	56	51.23	-2.0
GBL	0.91	106	Pc	56	51.98	-1.3
EPH	0.91	57	Pd	56	51.86	-1.6
			S	57	06.80	
CRF	0.92	92	Pc	56	52.14	-1.4
ASR	0.93	221	P	56	52.55	-1.2
RMW	0.95	310	iPc	56	52.76	-1.6
PRW	0.96	132	Pc	56	52.98	-1.5
MRJ2	0.98	107	P	56	53.45	-1.3
			S	57	07.95	
WTV	0.99	32	Pd	56	53.25	-1.8
OT2	1.03	97	P	56	54.10	-1.6
CBSW	1.05	26	P	56	55.04	-1.1
			S	57	11.50	
WIW	1.07	113	P	56	54.94	-1.4
			S	57	12.27	
GHW	1.08	280	P	56	56.82	0.4
KOSW	1.09	249	P	56	54.83	-1.8
			S	57	10.57	
WRD	1.09	83	P	56	55.02	-1.6
LMW	1.10	261	P	56	55.39	-1.4
GULW	1.11	213	P	56	55.92	-1.2
TDL	1.15	244	P	56	55.93	-1.8
SOSW	1.16	238	Pd	56	56.34	-1.6
CDFW	1.18	232	P	56	56.96	-1.2
			S	57	14.21	
PATW	1.18	145	P	56	56.89	-1.3
HTW	1.19	323	P	56	57.09	-1.2
ESD	1.19	237	P	56	57.26	-1.2
REMW	1.21	237	P	56	57.96	-0.8
STD	1.21	240	P	56	57.26	-1.5
			S	57	14.61	
JLK	1.22	235	Pd	56	57.69	-1.2
			S	57	14.93	
HSR	1.22	236	P	56	57.75	-1.2
SAW	1.23	46	Pd	56	57.52	-1.6
			S	57	15.50	
SHW	1.24	238	ePnc	56	57.67	-1.6
ERK	1.25	244	P	56	57.49	-1.9
CZM	1.30	252	Pc	56	58.54	-1.7
			S	57	16.96	
DHW2	1.30	29	Pc	56	58.57	-1.7
APM	1.30	211	P	56	59.94	-0.4
			S	57	17.67	
FL2	1.30	240	Pd	56	58.96	-1.5
			S	57	17.11	
BLH	1.33	318	P	56	59.81	-0.8
			S	57	18.61	
MTMW	1.32	232	Pc	56	59.31	-1.4
			S	57	15.74	
VGB	1.34	182	ePn	56	58.64	-2.4
			S	57	17.68	
MEW	1.36	285	P	57	00.38	-0.9
			S	58	55.48	

LVP	1.41	237	Pd	57	00.97	-1.2
			S	57	20.67	
OD2	1.47	68	P	57	00.92	-2.2
JBO	1.52	156	Pc	57	01.28	-2.6
			S	57	24.50	
RVW	1.57	244	P	57	03.07	-1.3
			S	57	24.55	
JCW	1.57	329	Pd	57	03.61	-0.8
			S	57	25.78	
GMW	1.57	297	ePn	57	02.58	-1.9
			eS	57	26.12	
PGW	1.60	308	P	57	04.81	0.0
VFP	1.62	199	P	57	03.97	-1.4
			S	57	26.34	
CPW	1.66	275	P	57	04.78	-1.0
RPW	1.68	342	P	57	05.46	-0.6
			S	57	28.49	
VTHM	1.68	176	P	57	04.48	-1.6
			S	57	28.47	
TDH	1.74	206	P	57	05.54	-1.4
			S	57	31.08	
BMW	1.77	258	eP	57	06.34	-1.0
			eS	57	29.78	
HDW	1.78	297	Pc	57	06.12	-1.4
			S	57	32.97	
CMW	1.83	329	P	57	08.23	-0.1
			S	57	35.95	
PGO	1.84	222	P	57	08.77	0.4
			S	57	34.51	
SMW	1.85	285	Pc	57	08.25	-0.3
			S	57	34.99	
CROR	1.88	186	Pd	57	07.40	-1.7
			S	57	34.70	
VBEM	1.90	199	Pd	57	08.06	-1.3
DHW	1.91	321	P	57	09.22	-0.1
			S	57	35.63	
BLN	1.91	308	Pc	57	08.38	-1.1
			S	57	34.17	
LNOR	1.95	119	Pd	57	08.09	-2.0
			S	58	37.94	
DPW	1.99	58	eP	57	08.21	-2.4
GT2	2.02	213	P	57	10.20	-0.8
NLO	2.04	249	P	57	11.27	0.0
			S	57	40.22	
MBW	2.09	338	P	57	12.66	0.6
			S	57	42.88	
OSD	2.24	297	P	57	16.27	1.8
			S	57	47.93	
KMOR	2.28	239	P	57	14.90	0.1
			S	57	46.61	
OSR	2.30	288	P	57	18.04	2.9
			S	57	56.46	
BPO	2.31	197	P	57	16.46	1.1
			S	57	44.97	
MCW	2.31	323	ePn	57	14.97	-0.3
			eS	57	46.11	
SSOR	2.34	212	P	57	14.49	-1.2
VIPM	2.35	178	P	57	14.48	-1.5
STW	2.38	304	P	57	18.03	1.8
TKO	2.41	233	P	57	17.31	0.6
			S	57	53.26	
OOW	2.52	292	P	57	21.19	3.0
			S	58	01.60	
PGC	2.57	315	P	57	18.50	-0.3
			0.6s 10.00nm			
NEW	2.82	59	ePn	57	19.39	-3.0
MPOR	3.08	221	P	57	26.67	0.5
			S	58	09.51	
NCOR	3.17	185	P	57	32.19	4.7
HBMT	5.72	98	ePnd	57	59.40	-4.4
LRM	5.82	97	ePnd	58	01.70	-3.5
MCMT	5.86	107	ePnd	58	02.70	-3.1
HRV	6.11	88	ePn	58	05.00	-4.1
LCCM	6.21	96	ePnd	58	07.00	-3.5
BGMT	6.26	102	ePn	58	07.70	-3.6
LTMT	6.47	108	ePn	58	11.50	-2.8
SXM	6.61	93	ePn	58	13.30	-2.9
TPMT	6.68	105	ePn	58	14.20	-3.1
MEMT	6.88	97	ePn	58	16.40	-3.7
			109 obs. associated			

? OCT 26, 1992 08h 01m 26.70±1.11s
 36.779 N ±18.6km 4.226 W ±9.8km
 DEPTH = 10.0km (geophysicist)
 STRAIT OF GIBRALTAR (385)
 mbLg 2.9 (MDD).

EGUA	0.53	84	iPgc	01	37.40	-0.1
			Sg	01	44.00	
ECOG	0.73	47	ePg	01	41.70	0.7
			Sg	01	50.00	
EJIF	1.05	252	ePn	01	46.60	0.1
			Sn	02	00.30	
EVIA	2.31	36	ePn	02	04.80	-0.6
			Sn	02	31.20	

S.D. = 0.9 on 4 of 4 obs.
 % OCT 26, 1992 08h 16m 56.92±0.67s
 40.397 N ±5.8km 23.316 E ±6.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 1.6 (THE).

THE	0.36	311	ePg	17	03.96	-0.3
SOH	0.43	4	ePg	17	05.36	-0.3
OUR	0.51	97	ePg	17	07.60	0.3
PAIG	0.55	149	iPg	17	07.60	-0.3
LIT	0.70	245	iPg	17	11.00	0.3
KNT	0.83	338	ePg	17	13.28	0.3
			eSg	17	25.64	

S.D. = 0.4 on 6 of 6 obs.
 OCT 26, 1992 09h 04m 40.20±1.22s
 41.548 N ±11.2km 24.154 E ±5.7km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)
 ML 2.8 (THE).

SRS	0.60	225	ePg	04	52.16	-0.2
			eSg	05	03.00	
SOH	0.94	220	ePg	04	58.28	0.1
			eSg	05	13.80	
KNT	1.02	248	ePg	04	59.52	0.0
			eSg	05	15.00	
VAY	1.21	260	iPn	05	02.80	0.0
OUR	1.22	186	ePb	05	03.00	0.1
THE	1.28	225	ePb	05	04.00	0.0
GRG	1.45	247	ePb	05	06.52	0.1
ALN	1.57	114	ePb	05	08.00	0.0
PAIG	1.66	193	iPb	05	09.36	-0.1

S.D. = 0.1 on 9 of 9 obs.
 OCT 26, 1992 09h 34m 55.69±0.70s
 38.097 N ±6.1km 22.110 E ±6.2km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 3.1 (THE), 3.0 (ATH).

AGG	0.94	11	iPg	35	15.78	2.1
			eSg	35	27.00	
VLS	1.20	274	ePb	35	18.50	0.4
ATH	1.27	95	ePn	35	19.50	0.2
VLI	1.53	154	iPnd	35	23.20	0.2
			eSn	35	42.30	
LIT	2.02	8	ePb	35	30.46	0.2
			eSb	35	54.90	
PAIG	2.20	33	ePb	35	31.86	-0.9
KZN	2.22	353	ePn	35	33.30	0.1
KEK	2.42	313	ePn	35	35.00	-0.9
OUR	2.67	32	ePn	35	38.58	-0.8
GRG	2.87	4	ePn	35	42.17	-0.1
SOH	2.89	19	ePn	35	42.62	0.0
KNT	3.12	11	ePn	35	46.54	0.7
			eSn	36	22.00	
SRS	3.23	20	iPn	35	47.26	-0.1
VAY	3.24	6	ePn	35	46.40	-1.1

S.D. = 0.9 on 14 of 14 obs.
 OCT 26, 1992 09h 37m 04.19±0.78s
 49.190 N ±6.7km 6.913 E ±6.5km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.3 (STR).

LANF	0.62	109	Pg	37	1
------	------	-----	----	----	---

26d 09h

VITF 1.15 213 Pg 37 25.07 -0.7
 MOF 1.35 174 Pg 37 29.76 0.7
 FEL 1.51 151 Pg 37 32.25 0.9
 S.D. = 0.6 on 9 of 9 obs.

? OCT 26, 1992 09h 49m 19.92± 3.02s
 7.303 N ±19.3km 77.068 W ±28.0km
 DEPTH = 33.0km (normal)

PANAMA-COLOMBIA BORDER REGION (82)

BMG 3.97 93 iPc 50 21.00 0.9
 BOG 4.00 132 eP 50 20.00 -0.8
 eS 51 01.00
 PSO 6.08 182 eP 50 50.50 0.3
 SDV 6.56 76 iPnc 50 57.60 0.7
 TOV 7.61 71 ePc 51 11.30 -0.1
 CEOS 8.81 78 iPd 51 25.40 -2.8X
 MORO 9.34 67 ePc 51 34.50 -1.0
 SIV 28.04 146 (P) 55 05.00 -5.5X
 S.D. = 1.0 on 6 of 8 obs.

OCT 26, 1992 10h 16m 32.82± 0.49s
 41.949 N ± 5.8km 142.355 E ± 8.7km
 DEPTH = 79.3 ± 6.5 km
 4.2mb (3 obs.)

HOKKAIDO, JAPAN REGION (224)

HOJ 0.82 58 iP+ 16 50.10 0.2
 S 17 02.90
 MRRJ 1.07 297 iPd 16 51.60 -1.3
 S 17 05.70
 AOMJ 2.04 228 P 17 05.80 0.0
 S 17 31.70
 KUSJ 2.09 56 P 17 06.50 0.1
 eS 17 31.60
 ASAJ 2.18 5 P 17 08.50 0.8
 OFUJ 2.91 191 P 17 17.30 -0.5
 S 17 50.80
 YAMJ 4.17 206 eP 17 36.60 1.2
 KAKJ 5.98 197 P 17 58.10 -2.5
 S 19 02.30
 MAT 6.28 212 (P) 18 05.00 0.2
 (S) 19 26.00
 MTMJ 6.41 215 P 18 08.20 1.5
 CHJJ 6.45 205 P 18 07.50 0.5
 S 19 19.80
 GUN 47.57 272 P 25 03.00 0.3
 KKN 48.08 272 P 25 06.80 0.3
 PKI 48.10 272 P 25 07.00 0.2
 DMN 48.31 272 P 25 08.60 0.3
 GKN 48.45 273 P 25 09.40 0.2
 WRA 62.02 189 P 26 46.80 -0.1
 0.5s 0.30nm 3.7mb
 HFS 69.92 335 eP 27 36.20 -0.6
 0.4s 2.10nm 4.4mb
 Z 15s 22.00um 6.5mszX
 LR 58 34.00
 NB2 69.95 337 P 27 36.40 -0.7
 0.7s 2.50nm 4.2mb
 S.D. = 1.0 on 19 of 19 obs.

% OCT 26, 1992 10h 25m 27.31± 0.78s
 41.113 N ± 7.6km 28.730 E ± 5.6km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

ISK 0.25 101 iPg 25 32.50 -0.2
 iSg 25 36.00
 YLV 0.73 138 ePg 25 42.00 0.3
 eSg 25 53.50
 KCT 0.91 198 iPn 25 44.50 -0.2
 EDC 1.01 221 ePn 25 46.50 0.1
 DMK 1.02 314 ePn 25 46.60 0.0
 eSg 26 00.60
 EYL 1.21 116 ePn 25 50.00 0.0
 S.D. = 0.2 on 6 of 6 obs.

& OCT 26, 1992 10h 37m 28.29s
 63.260 N 151.059 W
 DEPTH = 6.6km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.6 (AEIC), 3.1
 (PMR).

KTH 0.30 12 iP 37 34.17 -0.3
 TRF 0.40 61 iP 37 36.06 -0.3
 eS 37 42.11

HUR 0.71 113 iP 37 41.72 -0.7
 S 37 51.24
 RND 1.01 81 eP 37 46.77 -0.9
 MCK 1.06 63 eP 37 48.17 -0.5
 S 38 04.40

SKT 1.30 190 eP 37 52.44 -0.3
 eS 38 10.29
 NEA 1.59 33 eP 37 56.94 0.0
 eS 38 17.55

PWA 1.71 161 eP 37 59.40 0.8
 MLY 1.78 4 eP 37 58.28 -1.5
 eS 38 24.07
 WRH 1.79 46 eP 37 59.31 -0.6
 eS 38 24.14
 GHO 1.79 146 iP 38 00.08 0.1
 eS 38 23.55
 SUA 1.81 175 eP 38 01.54 1.3
 eS 38 25.41
 PLRM 1.90 151 eP 38 00.90 -0.5
 PMR 1.90 151 eP 38 00.90 -0.5
 S 38 25.56

SML 1.93 138 eP 38 01.44 -0.5
 NCG 1.93 196 eP 38 01.86 -0.2
 CCB 2.00 44 eP 38 00.81 -2.1
 eS 38 30.06

CGLM 2.01 193 eP 38 03.12 0.0
 eS 38 29.91
 CRP 2.07 195 eP 38 03.98 0.0
 BGL 2.10 198 eP 38 04.79 0.4
 CKN 2.11 195 eP 38 04.28 -0.3
 S 38 35.85

CKT 2.14 195 eP 38 05.19 0.2
 SPU 2.14 193 eP 38 05.40 0.4
 PMS 2.14 160 eP 38 06.60 1.6
 HDA 2.15 56 eP 38 06.04 0.9
 CKL 2.16 197 eP 38 05.51 0.2
 FBA 2.18 40 ePn 38 03.12 -2.4
 KNK 2.22 146 eP 38 07.54 1.5
 SCM 2.24 128 eP 38 07.94 1.4
 BKG 2.27 195 iP 38 06.83 -0.1
 TTA 2.28 264 eP 38 05.23 -1.8
 GLM 2.37 41 eP 38 08.46 0.2
 eS 38 39.83

TOA 2.53 115 eP 38 12.00 1.4
 i 38 14.10
 PTE 2.59 157 eP 38 11.90 0.6
 DFR 2.79 197 eP 38 14.17 -0.1
 SLKM 2.79 171 eP 38 12.98 -1.3
 NCT 2.85 199 eP 38 16.11 1.0
 REF 2.89 196 eP 38 17.15 1.4
 MPA 2.90 163 eP 38 16.19 0.5
 RDW 2.91 197 eP 38 14.82 -1.2
 RS2 2.92 197 eP 38 17.26 1.0
 RSO 2.92 197 eP 38 16.05 -0.2
 RS1 2.92 197 eP 38 16.24 0.0
 KLU 2.98 124 eP 38 16.95 0.0
 IMA 3.04 339 eP 38 15.27 -2.5
 SVW 3.04 227 (P) 38 17.39 -0.4
 VLZ 3.08 132 eP 38 18.41 0.2
 47 obs. associated

? OCT 26, 1992 11h 30m 21.49± 1.21s
 39.054 N ± 8.9km 27.641 E ± 14.4km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.72 204 iPg 30 35.60 -0.1
 iSg 30 48.60
 EZN 1.28 308 ePn 30 45.40 0.2
 KCT 1.32 25 ePn 30 46.50 0.7
 BNT 1.32 9 ePn 30 45.00 -0.8
 S.D. = 1.1 on 4 of 4 obs.

? OCT 26, 1992 13h 10m 59.23± 4.77s
 34.567 S ±35.0km 72.273 W ±23.8km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.4 (SAN).

LNK 0.94 50 iPd 11 14.98 -1.1
 LCCH 1.24 28 iPd 11 19.26 -1.0
 iS 11 38.21
 TACH 1.43 51 iPd 11 22.45 -0.7
 CHCH 1.48 65 iPd 11 23.81 -0.1
 IHA 1.62 19 eP 11 27.00 1.1
 i 11 34.70
 iS 11 50.40

PCH 1.74 58 iPd 11 27.76 0.1
 iS 11 53.04
 SAN 1.74 51 iP 11 28.48 0.9
 iS 11 53.02

ROCH 1.91 34 iP+ 11 29.66 -0.6
 iS 11 58.01
 PEL 1.94 43 iP+ 11 31.35 0.8
 iS 11 58.99

FCH 2.06 54 iPd 11 33.13 0.6
 iS 12 02.12
 JACH 2.34 37 iP 11 36.53 0.2
 iS 12 09.27
 CNCB 18.10 13 eP 15 18.00 7.7X
 LPB 18.35 13 eP 15 24.00 10.7X
 ZOBO 18.58 13 P 15 16.00 -0.3
 SIV 21.06 31 eP 15 43.00 0.1
 S.D. = 0.8 on 13 of 15 obs.

% OCT 26, 1992 13h 22m 39.24± 1.05s
 39.107 N ± 7.9km 27.625 E ± 12.8km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.76 202 iPn 22 54.10 -0.1
 eSg 23 06.00
 EZN 1.24 306 ePn 23 02.40 0.2
 EDC 1.25 8 ePn 23 02.50 0.0
 BNT 1.27 10 ePn 23 02.00 -0.8
 KCT 1.27 26 iPn 23 03.50 0.6
 S.D. = 0.7 on 5 of 5 obs.

OCT 26, 1992 13h 29m 51.24± 0.29s
 3.082 S ± 4.7km 138.892 E ± 7.3km
 DEPTH = 78.9km (8 depth phases)
 5.1mb (29 obs.)

IRIAN JAYA, INDONESIA (201)

CENTROID, MOMENT TENSOR (HRV)

Date Used: GDSN

L.P.B.: 13S, 15C

Centroid Location:

Origin Time 13:29:51.6 1.6

Lot 2.84S 0.13 Lon 139.35E 0.13

Dep 57.914.4 Half-duration 1.0

Moment Tensor: Scale 10¹⁶ Nm

Mrr= 3.10 0.38 Mtt=-1.65 0.40

Mff=-1.46 0.66 Mrt= 1.55 0.89

Mrf=-0.13 0.88 Mtf= 2.19 0.44

Principal Axes:

T Vol= 3.62 Plg=70 Azm=341

N 0.33 17 128

P -3.95 10 222

Best Double Couple: Mo=3.8*10¹⁶

NP1: Strike=332 Dip=38 Slip= 119

NP2: 117 58 69

WWKK 4.75 97 eP 30 59.30 -2.7X
 PMG 10.34 128 eP 32 20.00 1.1
 MTN 12.37 218 iPc 32 44.00 -2.0
 0.4s 321.00nm 6.5mb X
 eS 34 57.00

KUPT 16.72 244 eP 33 47.50 5.5X
 0.7s 691.00nm 6.0mb
 WRA 17.34 195 P 33 47.29 -2.4
 QIS 17.38 178 eP 33 47.90 -2.3X
 eS 36 59.00

CTA 18.37 158 P 34 05.59 3.3X
 MKS 19.49 263 iPc 34 20.10 5.3X
 ASPA 21.02 193 iPc 34 29.70 -0.9
 0.4s 45.40nm 5.2mb
 eS 38 18.30

HNR 21.85 108 eP 34 39.00 0.2
 TSM 22.25 289 ePc 34 45.00 2.3
 QLP 23.92 168 eP 35 00.60 1.6
 0.6s 73.00nm 5.3mb

KKM 24.39 292 ePc 35 05.50 1.7
 RMO 25.12 159 eP 35 13.80 3.3X
 0.5s 12.00nm 4.6mb
 WARB 25.80 206 iPc 35 16.70 -0.1
 0.4s 16.00nm 4.9mb
 eS 40 07.00

TRT 26.53 259 ePc 35 08.40 -15.2X
 BRs 27.58 153 eP 35 31.50 -1.5
 CMS 29.00 168 eP 35 48.00 2.3
 NANU 29.80 228 eP 35 54.00 1.0
 e 36 40.00 229kmX
 COOL 32.34 209 eP 36 13.00 -2.1
 BFD 34.09 175 eP 36 33.00 2.7

BAL	34.49	215	eP	36	33.00	-0.7	CNCB	146.91	128	PKP	49	30.00	4.2X	RMO	29.88	248	iPd	52	33.00	0.9
KLB	34.65	213	eP	36	34.00	-1.1	LPB	146.97	127	PKP	49	30.30	4.6X		0.6s	157.00nm				5.8mb
TOO	34.85	171	eP	36	41.20	4.4X	ZOBO	147.08	127	PKP	49	27.10	0.9				i	52	38.50	
SSE	37.95	335	Pd	37	02.80	-0.1		1.2s	23.65nm								i	55	20.00	
	1.0s	22.00nm				5.0mb	ITB1	149.57	156	e(PKP)	49	36.50	7.4X	SIZ	30.43	196	eP	52	42.90	6.4X
TSRJ	38.51	356	P	37	07.70	0.1	SIV	152.63	134	ePKP	49	44.00	10.1X	CNB	32.05	231	iPc	52	51.90	1.6
IPM	38.59	281	ePc	37	09.50	0.9	PDCR	164.36	187	(PKP)	49	49.00	1.5		0.4s	81.00nm				5.7mb
	1.0s	53.30nm				5.4mb	S.D. = 1.2 on 60 of 76 obs.							CAN	32.32	231	iPd	52	53.60	1.0
CHJJ	38.93	0	P	37	10.10	-0.9	? OCT 26, 1992 14h 28m 47.03± 4.13s										iP	52	59.30	20kmX
KAKJ	39.10	2	P	37	11.30	-1.1	37.080 S ±22.5km 176.579 E ±18.5km							BWA	32.40	233	iPd	52	52.30	-1.0
MAT	39.42	359	eP	37	14.00	-1.2	DEPTH = 351.3 ± 33.4 km										iP	52	58.00	20kmX
	0.8s	12.69nm				4.9mb	NORTH ISLAND, NEW ZEALAND (159)							PMG	32.73	281	eP	52	56.00	-0.2
MTMJ	39.47	359	P	37	14.60	-1.1	KUZ	0.76	296	Pc	29	32.50	0.2		1.0s	120.00nm				5.5mb
NJ2	39.79	333	Pc	37	19.50	1.3	URZ	1.25	160	Pc	29	33.40	-0.9	CMS	33.50	240	iPd	53	03.60	1.1
NIJ	40.12	0	P	37	20.20	-0.6			S	30	05.80			0.5s	91.00nm					5.7mb
NST	42.63	297	eP	37	45.00	3.3X	WHH	1.80	182	P	29	37.50	-0.1	LAT	33.83	285	eP	53	06.20	0.9
GYA	42.81	315	iPc	37	44.00	0.8	PAHZ	1.82	168	P	29	37.70	0.1	QLP	33.90	249	iPd	53	06.10	0.3
	1.0s	9.60nm				4.6mb	NOZ	1.92	144	P	29	38.30	0.1		0.6s	284.00nm				6.1mb X
TIA	44.06	334	Pc	37	52.30	-0.8	MOH	2.10	168	P	29	39.80	0.3	MDG	35.50	287	eP	53	20.00	1.0
	1.0s	14.00nm				4.7mb	CNZ	2.27	201	P	29	41.10	0.2	TOO	35.82	230	iPd	53	23.00	1.5
CHG	44.93	301	iPc	38	01.00	0.7	TTH	2.46	176	eP	29	42.70	0.4		0.8s	181.00nm				5.7mb
	1.0s	15.75nm				4.8mb	WAMZ	2.62	184	P	29	43.50	-0.1	QIS	37.93	259	eP	53	38.00	-0.9
XAN	46.48	325	Pc	38	12.00	-0.4	BSZ	3.01	205	P	29	47.30	0.4	ADE	40.17	237	iPd	53	57.80	1.0
	1.2s	20.00nm				4.9mb	KIW	4.00	198	P	29	56.40	-0.1	WRA	42.91	260	P	54	17.60	-0.9
SNY	46.82	344	Pc	38	14.90	0.1	MTW	4.16	191	P	29	57.80	-0.4		0.8s	24.80nm				4.7mb
TIY	47.43	331	Pc	38	19.70	-0.2	CAW	4.19	196	P	29	58.40	-0.1	ASPA	43.11	254	iPd	54	19.50	-0.5
CD2	47.58	318	eP	38	21.60	0.5	DIW	4.25	208	eP	29	59.20	0.0		0.7s	462.30nm				6.1mb X
	0.9s	44.00nm				5.4mb	BLW	4.37	191	eP	30	00.30	-0.1				i	54	24.70	
BJI	47.71	336	eP	38	21.50	-0.4	MRW	4.39	199	P	30	00.50	-0.1				iS	00	01.20	
	0.8s	17.00nm				5.0mb			eS	30	55.10		DHH	44.72	30	iPd	54	33.00	0.8	
MDJ	48.21	351	eP	38	25.80	0.1	WEL	4.43	198	eP	30	01.10	0.1	HKL	45.02	33	eP	54	34.12	-1.0
	1.1s	22.00nm				5.0mb	MOW	4.46	193	eP	30	00.90	-0.4	MTN	47.05	269	iPc	54	49.00	-1.2
CN2	48.21	347	Pd	38	25.40	-0.3	TCW	4.50	203	P	30	02.00	0.3	WARB	49.63	251	iPd	55	08.70	-0.6
	0.9s	19.00nm				5.0mb	QRZ	4.89	219	eP	30	05.20	-0.8		0.3s	24.00nm				5.2mb
HHC	50.34	333	eP	38	42.20	-0.1	THZ	5.47	210	eP	30	12.90	0.4	COOL	54.37	245	eP	55	41.00	-2.2
	1.2s	45.00nm				5.4mb			eS	31	16.90		KLB	57.25	244	iPd	56	01.70	-1.2	
LZH	50.89	323	iPc	38	46.80	0.3	KHZ	5.82	203	eP	30	16.90	0.5		0.6s	108.00nm				5.3mb
	1.5s	57.00nm				5.4mb			eS	31	23.20					e	56	07.00		
GTA	55.47	324	iPc	39	20.40	0.0	S.D. = 0.4 on 22 of 22 obs.							BAL	58.20	245	eP	56	08.00	-1.3
	1.0s	20.00nm				5.1mb	OCT 26, 1992 14h 47m 11.15± 0.47s							NANU	60.04	254	iPd	56	21.20	-0.3
LSA	56.09	309	P	39	26.30	0.9	17.910 S ± 6.8km 179.750 E ± 7.2km										e	56	26.00	
HYB	62.88	291	eP	40	10.50	-1.2	DEPTH = 629.0 ± 6.0 km							TRT	65.94	269	ePd	56	41.20	-17.9X
WMO	65.41	322	iPc	40	28.00	0.2	4.9mb (27 obs.)							MAT	66.88	324	eP	57	02.00	-2.4
	1.0s	56.00nm				5.4mb	FIJI ISLANDS (182)							SPA	72.20	180	iPd	57	38.20	2.6
CSY	66.16	192	P	40	52.00	95kmX	CENTROID, MOMENT TENSOR (HRV)								1.0s	45.00nm				5.0mb
KSH	71.44	313	iPd	41	07.50	2.1	Data Used: GDSN							YSS	72.71	334	(P)	57	40.10	1.7
	1.0s	50.00nm				5.4mb	L.P.B.: 20S, 32C							MDJ	77.19	326	eP	58	02.80	-0.3
QUE	76.04	302	eP	41	28.00	-4.4X	Centroid Location:								1.0s	18.00nm				4.5mb
SVW	81.11	27	eP	41	59.95	0.8	Origin Time 14:47:27.2 2.0							BCH	77.72	47	iP	58	05.81	-0.5
	0.8s	64.62nm				5.6mb	Lat 16.86S 0.15 Lon 179.82E 0.12							CN2	78.96	323	P	58	10.70	-1.7
KDC	81.36	30	eP	42	00.80	0.5	Dep 642.5 4.3 Half-duration 1.2								1.0s	11.00nm				4.3mb
TTA	81.67	25	ePc	42	02.39	0.4	Moment Tensor: Scale 10**16 Nm							CMB	79.05	44	iP	58	12.14	-1.0
	0.8s	13.50nm				4.9mb	Mrr= 8.09 0.77 Mtt=-6.95 1.18								0.8s	6.53nm				4.2mb
MAW	81.85	202	P	42	23.27	77km	Mff=-1.14 1.03 Mrt=-6.79 0.97							IPM	80.72	278	ePd	58	22.30	0.1
SLKM	83.37	28	eP	42	10.00	-0.8	Mrf= 0.49 0.88 Mtf=-8.36 1.19								1.0s	58.90nm				5.1mb
	0.9s	38.38nm				5.4mb	Principal Axes:							SVW	81.19	12	iP	58	25.78	2.2
IMA	83.82	22	eP	42	13.26	0.1	T Vol= 11.87 Plg=57 Azm=215								0.9s	34.16nm				4.9mb
	0.8s	7.33nm				4.7mb	N 2.32 29 66							SPU	82.00	13	iP	58	28.59	0.9
PMS	83.91	27	eP	42	13.10	-0.4	P -14.19 14 328							CRP	82.05	13	iP	58	28.61	0.5
	0.9s	28.60nm				5.3mb	Best Double Couple: Mo=1.3*10**17							BJI	82.56	316	eP	58	29.50	-1.3
PMR	84.21	27	ePc	42	14.14	-0.8	NP1:Strike= 24 Dip=40 Slip= 41								1.3s	20.00nm				4.5mb
	0.9s	38.38nm				5.4mb	NP2: 261 65 123							TTA	82.79	11	eP	58	33.68	2.0
KLU	85.66	28	eP	42	22.22	-0.1	SVA	1.25	260	ePc	48	26.00	-0.9		1.0s	7.83nm				4.2mb
	0.9s	38.38nm				5.4mb	AFI	9.07	65	P	49	23.20	1.4	TUC	83.09	53	iP	58	33.89	0.1
TOA	85.70	27	eP	42	23.60	1.1	BKM	10.96	269	iPc	49	42.50	2.6		0.9s	2.55nm				3.8mb X
FBA	85.76	24	ePc	42	21.29	-1.3	DZM	13.17	250	iPd	50	02.50	1.2	MAW	83.26	200	eP	58	35.00	1.1
	0.8s	12.46nm				5.0mb			iS	52	27.00			1.1s	73.00nm					5.2mb
SPA	86.94	180	iPc	42	31.00	2.4	QRZ	23.67	194	eP	51	39.50	1.3	RMW	83.48	36	eP	58	34.05	-1.3
	0.7s	12.11nm				5.1mb	THZ	24.49	192	eP	51	45.40	0.0	GYA	83.52	300	P	58	36.00	-0.1
MBC	95.77	14	ePd	43	08.70	-0.6			S	55	22.60			1.0s	9.60nm					4.4mb
	1.0s	6.00nm				5.1mb	LTZ	25.60	193	eP	51	54.10	-1.0	TIY	83.97	313	eP	58	33.70	-4.3X
KIC	143.62	276	PKP	49	17.64	-2.1	BRS	26.57	244	iPc	52	05.00	1.2	XAN	84.87	308	P	58	42.40	0.0
	1.0s	36.50nm				5.1mb			eS	55	11.50			1.0s	11.00nm					4.4mb
TIC	143.88	277	PKP	49	18.36	-1.8	BWZ	27.81	195											

	0.5s	32.00nm			4.9mb
WRA	45.54	260 P	08	53.70	0.0
	0.8s	2.10nm			3.5mb
ASPA	45.66	254 iPd	08	54.40	-0.2
	0.6s	78.90nm			5.2mb
		eS	15	15.70	
MTN	49.77	268 eP	09	26.00	-0.1
WARB	52.11	251 eP	09	42.00	-1.3
NANU	62.58	254 eP	10	55.00	-0.6
MAT	68.72	323 iPd	11	33.80	-0.1
	0.8s	10.45nm			4.6mb
KSP	145.65	345 iPKPc	20	03.00	-0.1
CLL	145.95	348 iPKPd	20	02.90	-0.7
	0.8s	16.00nm			
BRG	146.17	347 iPKP	20	03.80	-0.1
	0.8s	10.00nm			
MLR	146.58	330 ePKPd	20	02.50	-2.5
PRU	146.87	346 ePKP	20	06.00	0.9
KHC	147.89	346 ePKP	20	08.00	1.2
GEC2	148.14	346 PKP	20	09.30	2.0
	0.8s	2.47nm			
S.D. = 1.1 on 20 of 21 obs.					
<hr/>					
& OCT 26, 1992 15h 23m 52.95s					
34.471 N 116.490 W					
DEPTH = 1.5km					
SOUTHERN CALIFORNIA (43)					
<PAS-P>. ML 2.8 (PAS).					
GSC	0.87	343 eP	24	09.38	-1.0
SSK	1.03	256 eP	24	12.01	-1.3
		eLg	24	26.19	
PLM	1.16	196 ePd	24	14.40	-1.1
		eS	24	29.82	
GLA	1.98	135 ePn	24	26.93	-1.0
ISA	2.02	307 ePn	24	28.54	0.0
		ePg	24	30.44	
ABL	2.28	280 ePn	24	31.49	-1.0
TNP	3.65	351 (P)	24	55.14	3.2
BONR	3.77	338 (Pn)	24	57.99	4.2
ARUT	4.13	36 (P)	24	56.36	-2.3
9 obs. associated					
<hr/>					
* OCT 26, 1992 16h 17m 14.34± 2.27s					
4.548 N ±13.3km 127.740 E ±13.2km					
DEPTH = 146.5 ± 22.8 km					
4.6mb (7 obs.)					
TALAUD ISLANDS, INDONESIA (263)					
MNI	4.23	223 ePd	18	18.60	0.3
		eS	19	09.80	
TRT	19.37	231 ePd	21	12.00	-19.2X
ASPA	28.68	168 iPd	22	58.90	-0.8X
	0.8s	5.80nm			4.4mb
BJI	36.84	345 eP	24	08.50	-1.4
	1.4s	43.00nm			5.0mb
RMQ	36.96	148 iPd	24	10.50	-0.6
	0.7s	6.00nm			4.4mb
LZH	38.33	328 Pc	24	23.50	0.8X
	1.2s	48.00nm			5.1mb
BRS	39.91	144 iPd	24	35.00	-0.6
	0.8s	8.00nm			4.5mb
ARMA	41.61	148 iPd	24	50.00	0.4
	0.5s	11.00nm			4.8mb
GUN	46.07	305 P	25	26.00	0.1
DZM	46.20	127 iPc	25	24.90	-1.7X
PKI	46.33	304 P	25	27.60	-0.3
KKN	46.52	304 P	25	29.00	-0.2
DMN	46.60	304 P	25	30.30	0.4
GKN	47.13	304 P	25	33.80	-0.2
GBA	50.39	284 P	25	59.20	0.3
SVW	79.59	29 eP	29	07.20	0.8
IMA	81.23	24 eP	29	15.40	0.3

RMO 0.8s 6.00nm 4.3mb
30.20 268 eP 07 19.40 -0.9
0.7s 14.00nm 4.9mb
ASPA 43.91 266 eP 09 13.00 -3.0X
0.9s 6.00nm 4.4mb
WRA 44.83 271 P 09 20.40 -3.1X
0.7s 6.20nm 4.6mb
SPA 60.45 180 iPd 11 19.30 0.2
1.0s 5.50nm 4.6mb
KAF 144.16 341 iPKP 20 39.00 -4.8X
0.5s 2.40nm
OBN 145.03 326 ePKP 20 44.00 -1.5
0.9s 15.00nm
e 20 49.00
OBN 145.03 326 iPKPd 20 56.00 10.5X
1.0s 59.00nm
e 21 35.00
NUR 145.93 341 ePKP 20 43.60 -3.2X
NB2 148.19 352 PKP 20 51.30 0.7
0.8s 5.00nm
HFS 148.72 350 ePKP 20 51.90 0.5
0.5s 1.50nm
S.D. = 1.0 on 7 of 13 obs.

? OCT 26, 1992 17h 22m 21.17±1.26s
69.343 N ±22.0km 17.725 E ±13.8km
DEPTH = 10.0km (geophysicist)
NORTHERN NORWAY (646)
MD 2.8 (BER).

TRO 0.51 55 eP 22 31.63 0.1
LOF 1.95 233 eP 22 54.62 0.0
eSg 23 21.40
KTK1 2.00 97 eP 22 55.46 0.1
eSg 23 20.64
ARA0 2.75 82 Pn 23 05.95 -0.2
Pg 23 14.12
Sg 23 42.37
S.D. = 0.3 on 4 of 4 obs.

OCT 26, 1992 17h 23m 44.77±0.43s
51.130 N ±6.6km 98.296 E ±5.1km
DEPTH = 33.0km (normal)
4.2mb (7 obs.)
RUSSIA-MONGOLIA BORDER REGION (333)

ORL 1.66 34 ePn 24 12.60 0.5
e 24 36.60
MOY 1.77 71 iPnc 24 14.80 1.3
i 24 40.60
ARS 2.68 72 ePn 24 27.80 1.3
e 25 09.30
UER 2.68 281 iPnc 24 26.00 -0.4
iS 25 00.00
ZAK 3.25 101 iPnc 24 34.50 -0.1
e 24 39.50
e 25 24.00
IRK 3.91 71 ePn 24 43.30 -0.7
e 24 55.00
e 25 41.20
ELT 7.69 291 eP 25 30.00 -7.2X
e 26 57.00
UKR 8.54 274 eP 25 41.60 -7.4X
KMO 9.05 53 eP 25 56.30 0.3
eS 27 31.80
NVS 9.79 298 eP 26 05.30 -0.9
eS 27 47.80
BOD 11.41 48 eP 26 26.10 -2.2
0.8s 8.00nm 5.0mb
LZH 15.56 163 eP 27 21.00 -2.3
1.5s 22.00nm 4.1mb
Z 10s 0.32um 4.2msz
BRVK 17.28 287 eP 27 45.00 0.2
0.7s 6.00nm 3.8mb
YAK 20.23 45 eP 28 23.00 3.7X
0.9s 26.00nm 4.6mb
SVE 22.65 299 ePc 28 47.10 3.2X
ARU 23.80 298 eP 28 56.00 1.0
TIK 24.71 23 eP 29 04.00 0.3
1.1s 11.00nm 4.3mb
GUN 25.02 207 P 29 08.40 0.9
GKN 25.30 209 P 29 10.00 0.1
KKK 25.31 208 P 29 10.00 0.0
PKI 25.48 207 P 29 12.30 0.6
DMN 25.53 208 P 29 13.20 1.1
HFS 45.42 316 eP 32 00.80 -0.8
0.4s 0.90nm 4.0mb

WRA 77.53 145 P 35 44.00 5.4X
0.9s 0.70nm 3.7mb
S.D. = 1.1 on 19 of 24 obs.

? OCT 26, 1992 17h 50m 30.17±2.48s
19.055 S ±26.2km 68.228 W ±25.4km
DEPTH = 196.4 ±13.0 km
5.0mb (1 obs.)

CHILE-BOLIVIA BORDER REGION (124)

CNCB 2.25 6 iPc 51 11.80 -0.2
LPB 2.51 3 P 51 15.00 0.2
1.0s 530.00nm
ZOBO 2.75 2 P 51 17.60 -0.2
SIV 7.48 67 iPc 52 18.40 0.8
ITB1 14.00 116 e(P) 53 41.50 0.1
BAO 19.61 83 Pd 54 44.00 -1.7
e 54 46.00
e 54 48.90
e 54 55.10
LIC 67.11 74 P 01 05.14 0.2
TIC 67.28 74 P 01 06.32 0.3
KIC 67.42 74 P 01 07.50 0.6
0.5s 15.50nm 5.0mb
S.D. = 0.9 on 9 of 9 obs.

* OCT 26, 1992 19h 05m 08.97±1.69s
37.190 N ±12.5km 21.505 E ±11.9km
DEPTH = 10.0km (geophysicist)
SOUTHERN GREECE (368)

ML 3.4 (ATH), 3.4 (THE).
VLS 1.22 324 ePg 05 31.50 -0.2
eSb 05 51.40
VLI 1.24 112 ePg 05 32.20 0.2
ATH 1.92 65 ePb 05 41.50 -0.5
AGG 1.94 19 ePb 05 42.70 0.4
eSb 06 06.94
LIT 3.01 15 ePn 05 59.00 1.5
eSn 06 34.46
KZN 3.12 4 ePn 05 59.50 0.4
GRG 3.83 10 iPn 06 09.22 0.0
SOH 3.90 21 ePn 06 10.14 -0.1
KNT 4.11 15 ePn 06 13.02 -0.1
VAY 4.21 11 iPn 06 13.60 -0.9
SRS 4.24 22 ePn 06 14.54 -0.6
S.D. = 0.7 on 11 of 11 obs.

OCT 26, 1992 19h 46m 49.11±0.57s
43.340 N ±4.3km 0.564 W ±4.3km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)

ML 2.5 (LDG).
OGE 0.18 159 Pg 46 53.29 0.1
ESCF 0.26 182 Pg 46 54.55 -0.1
MADF 0.27 224 Pg 46 54.74 -0.1
Sg 47 00.51
ATE 0.27 201 Pg 46 55.05 0.2
Sg 47 00.70
JAU 0.33 155 Pg 46 56.26 0.2
BTH 0.34 130 iPg 46 56.30 0.2
i(Sg) 47 03.70
ISSF 0.36 209 Pg 46 56.69 0.2
Sg 47 02.89
BOH 0.40 234 Pg 46 57.13 -0.3
EPF 0.73 115 Pg 47 03.00 -0.5
Sg 47 14.40
LPO 1.84 43 Pg 47 20.90 -0.1
Sg 47 44.60
LFF 1.85 30 Pg 47 21.50 0.3
Sg 47 44.30
RJF 2.47 37 Pg 47 32.40 2.4X
Sg 48 03.40
CAF 2.47 49 Pg 47 33.80 3.7X
Sg 48 05.50
MFF 3.28 5 Pg 47 45.70 4.2X
Sg 48 25.90
S.D. = 0.3 on 11 of 14 obs.

* OCT 26, 1992 20h 13m 08.28±1.07s
21.468 N ±10.9km 117.228 E ±11.8km
DEPTH = 33.0km (normal)
3.9mb (2 obs.)
TAIWAN REGION (243)

ML 4.2 (BJI).

MCO 3.47 281 eP 14 01.90 0.6
eS 15 05.30
GZH 3.94 295 iPnc 14 08.00 0.0
Sg 15 19.80
QIZ 7.34 252 P 15 00.50 4.5X
S 16 25.80
SSE 10.22 19 eP 15 39.50 3.7X
E 10s 1.10um
NJ2 10.64 8 Pd 15 42.50 1.0
GYA 10.86 299 P 15 49.20 4.5X
Z 12s 0.81um
XAN 14.51 331 eP 16 36.60 3.4X
TIA 14.69 360 eP 16 34.70 -0.8
CD2 15.30 311 P 16 50.00 6.4X
TIY 16.71 347 eP 17 05.00 3.4X
BJI 18.54 357 eP 17 24.00 -0.1
LZH 18.67 324 eP 17 28.00 2.0X
1.4s 29.00nm 4.3mb
Z 12s 0.66um 4.2msz
PP 17 43.00
HHC 19.91 347 eP 17 39.60 -0.5
BTO 20.03 344 eP 17 42.80 1.4
GTA 23.28 324 eP 18 12.40 -1.6
Z 16s 0.46um 4.0msz
E 10s 0.32um
pP 18 19.50 25kmX
WRA 44.43 157 P 21 18.00 0.0
0.9s 0.60nm 3.4mb
S.D. = 1.1 on 9 of 16 obs.

? OCT 26, 1992 21h 13m 12.43±1.60s
54.771 N ±18.0km 160.540 E ±49.3km
DEPTH = 33.0km (normal)
4.6mb (11 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

MAT 23.82 229 eP 18 23.00 -0.1
KAF 58.05 337 iP 23 04.20 0.2
0.3s 2.70nm 4.8mb
NB2 62.00 344 P 23 30.20 -1.0
0.7s 3.80nm 4.6mb
HFS 62.43 342 eP 23 32.70 -1.3
0.5s 3.20nm 4.7mb
GEC2 73.06 338 P 24 41.50 0.8
0.9s 1.04nm 3.8mb
GRR 76.03 347 eP 24 57.30 -0.3
LOR 76.44 344 eP 24 59.40 -0.6
0.8s 5.10nm 4.6mb
LBF 76.70 344 eP 25 01.10 -0.4
0.7s 3.10nm 4.4mb
SSF 76.70 344 eP 25 01.40 0.0
0.7s 3.65nm 4.5mb
AVF 76.99 344 eP 25 03.00 0.0
0.9s 7.20nm 4.7mb
LPL 77.64 341 eP 25 08.20 1.3
0.8s 6.05nm 4.7mb
LPG 77.66 341 eP 25 08.50 1.4
0.9s 7.35nm 4.7mb
WRA 77.72 205 P 25 07.10 -0.1
0.7s 0.70nm 3.8mb
S.D. = 0.9 on 13 of 13 obs.

% OCT 26, 1992 22h 17m 27.02±0.89s
31.819 N ±11.6km 99.564 E ±10.0km
DEPTH = 33.0km (normal)
SICHUAN, CHINA (307)
ML 4.4 (BJI).

CD2 3.70 103 Pn 18 27.30 4.0X
Pg 18 30.20
Sg 19 15.00
KMI 7.23 156 ePn 19 12.00 -1.3
1.3s 30.00nm 5.1mb X
pP 19 17.00
XAN 8.17 72 eP 19 27.30 1.0
GYA 8.19 129 eP 19 27.80 1.2
GKN 13.49 257 P 20 39.30 0.6
WMO 15.20 325 eP 21 00.80 0.0
KSH 20.59 298 eP 22 11.50 5.6X
CN2 23.59 52 P 22 34.00 -1.5
2.0s 62.00nm 4.8mb X
ePp 22 41.00 25kmX
S.D. = 1.5 on 6 of 8 obs.

& OCT 26, 1992 22h 25m 18.47s
59.145 N 150.719 W
DEPTH = 17.0km

26d 22h

KENAI PENINSULA, ALASKA
<AEIC>. ML 3.4 (AEIC).

CNPM	0.46	325	iPd	25	27.50	-0.4
			eS	25	34.53	
XLV	0.60	302	iP	25	29.03	-1.1
			eS	25	37.09	
BRK	0.63	352	eP	25	30.03	-0.6
			eS	25	39.00	
HOM	0.70	318	ePc	25	31.33	-0.5
			eS	25	41.46	
SYI	1.02	239	ePc	25	35.84	-1.4
			eS	25	49.81	
SEW	1.16	33	iPc	25	37.79	-1.9
			eS	25	53.69	
AUE	1.38	280	eP	25	41.41	-1.5
			eS	25	57.89	
OPT	1.38	293	eP	25	41.03	-2.0
			eS	25	58.61	
SLKM	1.39	10	eP	25	41.14	-2.0
			eS	25	58.97	
AUI	1.40	279	ePd	25	41.77	-1.5
			eS	25	58.04	
AUP	1.40	280	ePd	25	41.58	-1.8
AUL	1.41	281	eP	25	42.15	-1.3
AUH	1.42	280	ePd	25	41.72	-1.8
AUW	1.43	280	ePd	25	42.39	-1.2
INE	1.50	309	eP	25	42.61	-2.2
			eS	26	01.41	
CDD	1.53	263	ePd	25	42.81	-2.2
			eS	26	02.31	
INW	1.54	308	ePd	25	43.29	-2.0
			eS	26	02.48	
NKA	1.62	351	eP	25	46.20	-0.2
RED	1.65	322	ePc	25	44.25	-2.6
			eS	26	04.92	
RDT	1.67	330	ePc	25	44.78	-2.4
RS1	1.67	323	eP	25	44.89	-2.5
RSO	1.67	323	ePc	25	44.81	-2.6
RS2	1.68	323	ePc	25	44.92	-2.5
REF	1.68	324	ePc	25	44.85	-2.6
			eS	26	06.86	
KDC	1.68	214	ePd	25	44.27	-3.0
RDW	1.71	323	eP	25	45.32	-2.5
RDN	1.72	324	eP	25	45.65	-2.3
DFR	1.76	326	eP	25	45.69	-2.8
NCT	1.81	323	eP	25	46.58	-2.6
MCNL	1.86	273	eP	25	48.01	-1.9
PDB	1.89	291	eP	25	48.35	-1.9
PTE	1.92	26	eP	25	48.77	-2.0
KNIM	1.93	50	eP	25	49.85	-1.1
BKG	2.08	339	ePc	25	50.68	-2.5
SPU	2.15	342	eP	25	51.42	-2.7
PMS	2.18	15	eP	25	52.37	-2.2
CKT	2.19	341	eP	25	51.99	-2.8
CKN	2.21	341	eP	25	53.30	-1.7
CKL	2.21	339	eP	25	52.61	-2.5
CRP	2.25	342	ePn	25	53.45	-2.2
			(S)	26	21.28	
CGLM	2.26	344	eP	25	53.12	-2.7
BGL	2.28	339	eP	25	54.11	-2.0
SUA	2.33	360	eP	25	54.40	-2.3
NGC	2.38	343	eP	25	55.31	-2.1
GLI	2.52	45	eP	25	56.40	-2.9
KNK	2.54	25	eP	25	58.00	-1.6
PWA	2.55	9	eP	25	59.07	-0.6
PMR	2.58	17	eP	25	59.19	-1.0
FID	2.67	51	eP	25	57.97	-3.6
GHO	2.78	18	eP	26	01.20	-1.9
SKT	2.87	352	ePc	26	02.37	-2.0
SML	2.92	23	eP	26	02.87	-2.2
VLZ	2.96	46	eP	26	03.26	-2.3
SVW	3.15	311	eP	26	05.60	-2.6
SCM	3.18	30	eP	26	07.00	-1.7
KLU	3.35	43	ePc	26	08.74	-2.5

56 obs. associated

OCT 26, 1992 22h 28m 44.49 ± 0.86s
 15.668 N ± 10.9km 93.248 W ± 8.8km
 DEPTH = 105.8 ± 8.4 km
 4.3mb (8 obs.)

NEAR COAST OF CHIAPAS, MEXICO (69)

SCX	1.21	29	eP	29	09.02	1.0
			iS	29	26.56	
TPX	1.22	128	iP	29	07.60	-0.5
			iS	29	23.88	

IISM	5.14	311	iP	30	00.00	-0.5
IIT	5.87	305	iP	30	11.15	0.3
PPM	6.15	304	iP	30	15.00	0.1
ACX	6.46	282	(P)	30	16.00	-2.7X
III	6.53	295	(P)	30	19.00	-0.8
UNM	6.73	304	(P)	30	29.00	6.3X
MRX	8.57	299	(P)	30	47.00	-0.4
UYO	18.45	357	iPd	32	52.90	-1.8
MIAR	18.80	359	eP	32	56.68	-1.7
	0.8s	6.08nm			4.0mb	
PRM	20.80	26	iP	33	19.36	0.3
SGS	20.91	31	eP	33	21.51	1.3
JSC	21.45	28	eP	33	27.85	2.3
ACO	21.59	347	iPd	33	26.20	-0.9
ALO	22.56	331	ePc	33	37.85	1.1
	0.6s	7.48nm			4.2mb	
TUC	22.99	319	eP	33	43.05	2.2
	0.7s	2.12nm			3.6mb	
GOL	26.18	338	eP	34	09.19	-2.0
	0.8s	6.06nm			4.2mb	
JFWS	27.28	5	eP	34	18.02	-2.7
	0.6s	8.31nm			4.5mb	
ARUT	28.35	325	P	34	32.43	1.7
ARUT	28.35	325	iP	34	32.81	2.1
DAU	29.21	331	iPc	34	39.25	0.7
RSSD	29.80	344	P	34	43.47	-0.2
	0.6s	3.14nm			4.2mb	
LRM	34.11	336	ePc	35	21.70	0.5
			e	35	41.50	
LON	39.05	329	eP	36	02.95	0.4
ZOBO	40.28	141	P	36	13.00	-0.7
SIV	44.71	133	P	36	49.40	0.4
YKA	49.14	347	eP	37	21.50	-1.5
	0.5s	4.80nm			4.7mb	
PDCR	60.44	115	(P)	38	48.00	2.5X
MBC	62.12	353	eP	38	55.00	-1.0
	0.5s	3.00nm			4.6mb	
HYB	146.15	14	ePKP	48	13.70	0.0
	0.8s	19.20nm				
GBA	149.49	18	PKP	48	23.70	4.8X

S.D. = 1.4 on 28 of 32 obs.

* OCT 26, 1992 22h 36m 49.72 ± 0.82s
 8.001 S ± 12.0km 122.837 E ± 9.5km
 DEPTH = 237.7 ± 9.7 km
 4.8mb (3 obs.)

FLORES REGION, INDONESIA (286)

KUPT	2.27	161	ePd	37	34.70	0.6
			eS	38	05.50	
MKS	4.34	309	iPd	37	57.50	-0.1
MTN	9.47	121	iPc	39	01.40	-1.3
	0.4s	258.00nm			5.7mb X	
			eS	40	41.00	
NANU	16.09	205	eP	40	25.00	0.0
			eS	43	20.00	
WARB	18.44	169	eP	40	50.10	0.0
ASPA	18.85	147	iPd	40	54.60	0.3
	0.8s	155.00nm			5.6mb X	
			eS	44	15.80	
QIS	20.46	129	iPd	41	10.80	0.3
	0.3s	10.00nm			4.8mb	
COOL	22.82	184	eP	41	33.00	-0.4
BAL	23.21	194	eP	41	37.00	0.0
KLB	23.94	191	eP	41	43.50	-0.4
	0.4s	17.00nm			5.0mb	
RMQ	30.72	130	iPd	42	45.70	0.9
	0.6s	9.00nm			4.6mb	

S.D. = 0.7 on 11 of 11 obs.

* OCT 26, 1992 22h 44m 13.71 ± 1.04s
 21.469 S ± 8.6km 67.872 W ± 12.8km
 DEPTH = 146.2 ± 8.5 km
 5.0mb (3 obs.)

CHILE-BOLIVIA BORDER REGION (124)

SLA	3.91	146	iPd	45	13.50	-0.1
LPB	4.92	357	eP	45	27.00	-0.2
ZOBO	5.16	357	P	45	30.90	0.2
ARE	6.04	325	eP	45	35.00	-7.3X
			eS	46	42.00	
SIV	8.44	51	Pc	46	14.80	0.6
TCA	10.26	164	e(P)	46	31.80	-6.5X
			i	46	33.10	
ITB1	12.81	107	e(P)	47	20.00	8.4X
BAO	19.71	76	Pc	48	33.00	-1.2
			e	48	40.30	

			e	48	46.90	
			e	49	04.80	
			e	53	20.50	
			e	53	46.30	
			e	54	18.80	
			e	54	22.30	
			e	54	35.30	
			e	54	45.20	
			e	54	50.50	
			e	54	56.00	
LIC	67.45	73	Pc	54	56.22	0.2
TIC	67.64	73	P	54	57.46	0.2
	0.9s	23.50nm			5.0mb	
KIC	67.77	73	Pc	54	58.46	0.4
	0.5s	26.00nm			5.3mb	
YKA	91.48	340	eP	57	03.20	-0.9
	0.5s	3.40nm			4.7mb	
WRA	133.46	209	PKP	03	15.10	0.2
	0.6s	0.40nm				
GBA	146.07	98	PKP	03	38.20	0.6
HYB	148.12	91	ePKP	03	45.00	4.1X
GKN	154.23	70	PKP	04	00.00	10.2X

S.D. = 0.7 on 11 of 16 obs.

& OCT 26, 1992 23h 07m 51.50s
 40.500 N 124.725 W
 DEPTH = 20.0km

NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.0 (BRK).

EKR	0.49	66	iPc	08	00.97	-0.3
			eS	08	08.05	
FOX	0.56	88	iPc	08	02.41	-0.1
			eS	08	10.25	
ARC	0.62	53	iPc	08	02.71	-0.8
			iS	08	10.86	
FHC	0.64	62	iPc	08	03.31	-0.6
			eS	08	11.09	
WDC	1.67	87	ePd	08	17.95	-1.9
LBFM	2.31	68	eP	08	28.32	-1.0
MIN	2.39	93	iPc	08	27.91	-2.4
ORV	2.65	110	eP	08	31.54	-2.5
			eS	09	01.13	
BKS	3.26	143	eP	08	39.55	-3.0

9 obs. associated

* OCT 27, 1992 00h 00m 50.45 ± 1.02s
 4.992 S ± 9.3km 152.392 E ± 10.7km
 DEPTH = 71.6 ± 8.4 km
 4.7mb (3 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB	0.83	344	iPd	01	07.00	-0.1
	0.4s	2237.29nm				
			iS	01	22.00	
DZM	21.76	143	iPc	05	38.00	0.1
ASPA	25.74	222	eP	06	16.40	0.3
	0.9s	6.00nm			4.1mb	
GUN	71.87	301	P	12	08.80	0.3
PKI	72.18	301	P	12	10.00	-0.4
KKN	72.35	301	P	12	11.00	-0.2
DMN	72.45	301	P	12	12.10	0.2
GKN	72.96	301	P	12	14.90	0.2
SVW	77.15	23	eP	12	38.50	0.7
	0.9s	24.60nm			5.2mb	
TTA	78.10	21	eP	12	43.60	0.6
IMA	80.77	20	eP	12	57.80	0.4
	0.9s	8.40nm			4.7mb	
FBA	82.21	22	eP	13	04.10	-0.7
GEC2	124.00	328	PKP	19	41.80	-0.5
	0.5s	0.57nm				
TRN	146.07	78	ePKP	20	23.00	-0.9
S.D. = 0.6 on 14 of 14 obs.						

CAW	1.06	128	Pc	08 46.50	-0.4	REF	0.57	243	iPd	42 07.79	-0.6	KKN	14.09	133	P	57 46.70	-1.9
NRZ	1.12	359	Pc	08 47.40	0.0				eS	42 18.54		DMN	14.12	134	P	57 47.60	-1.5
ORZ	1.15	251	Pd	08 46.90	-0.7	CGLM	0.58	344	ePd	42 07.60	-0.8	PKI	14.33	133	P	57 50.40	-1.3
			S	09 03.50		CP2	0.59	332	ePd	42 08.00	-0.5	GUN	14.35	131	P	57 50.50	-1.5
MTW	1.37	121	P	08 49.60	0.0				eS	42 19.13		LSA	16.71	114	iPd	58 25.20	4.0X
MOW	1.37	135	Pc	08 49.70	0.0	RDN	0.59	247	ePd	42 07.70	-0.8	POO	19.37	179	iPc	58 58.10	7.9X
BLW	1.47	129	Pc	08 50.90	0.3				eS	42 18.39		GTA	20.46	78	eP	59 02.40	1.3
THZ	1.53	211	eP	08 50.90	-0.4	RSO	0.61	242	iPd	42 08.13	-0.6		1.0s	6.00nm			4.0mb
			S	09 11.90					eS	42 19.32		HYB	20.93	167	ePc	59 07.70	1.8
CNZ	1.76	45	eP	08 54.40	0.6	RS2	0.61	242	iPd	42 08.21	-0.6		1.0s	45.00nm			4.9mb
PGZ	1.77	96	Pc	08 54.00	0.2				eS	42 19.41		LZH	24.14	85	P	59 38.80	1.8
KHZ	1.98	189	eP	08 56.90	0.8	RS1	0.61	242	iPd	42 08.21	-0.6		1.5s	27.00nm			4.6mb
			S	09 19.80					eS	42 19.45		GBA	24.51	171	P	59 41.90	1.6
MOZ	2.06	19	Pd	08 57.60	0.6	BGL	0.62	326	ePd	42 08.24	-0.6				S	04 19.80	
			eS	09 22.20		RDW	0.62	245	iPd	42 08.24	-0.7	GYA	30.05	103	P	00 31.00	0.5
DSZ	2.07	231	P	08 57.80	0.6				eS	42 19.70		TIY	30.49	78	eP	00 33.10	-1.0
LTZ	2.64	208	P	09 04.60	0.6	RED	0.64	239	iPd	42 08.25	-0.7	TIA	34.50	79	eP	01 09.70	0.9
			eS	09 34.20					eS	42 19.54		HFS	43.23	321	eP	02 20.00	-0.8
WLZ	2.88	27	eP	09 08.40	1.5	NCT	0.65	254	iPd	42 08.20	-0.9		0.4s	5.10nm			4.5mb
URZ	3.29	49	Pd	09 11.70	-0.3				eS	42 19.31		NB2	44.49	322	P	02 29.70	-1.3
			eS	09 48.80		NCG	0.70	340	iPd	42 08.93	-0.7		0.5s	3.00nm			4.1mb
MOZ	3.39	196	eP	09 12.70	-0.5				eS	42 20.83		SMF	50.79	303	eP	03 19.50	-0.5
			eS	09 48.70		SLKM	0.75	108	iPc	42 09.45	-0.7		0.6s	2.70nm			4.1mb
EWZ	3.83	216	eP	09 20.90	2.0				eS	42 22.04		AVF	51.07	304	eP	03 21.70	-0.3
KUZ	3.96	21	eP	09 22.00	1.4	SUA	0.84	32	iPd	42 10.82	-0.5		0.3s	1.80nm			4.2mb
ODZ	5.19	207	eP	09 37.30	0.5				eS	42 24.00		MBC	65.75	3	iPc	05 03.30	0.1
			eS	10 31.50		INE	0.98	226	ePd	42 11.91	-1.1		0.6s	13.00nm			5.0mb
DZM	19.41	339	iPc	12 33.00	-2.7				eS	42 25.88		MBL	73.10	135	iPc	05 49.30	0.7
KHC	163.63	308	ePKP	28 18.90	15.8X	INW	1.00	227	eP	42 11.96	-1.2		0.5s	14.00nm			4.9mb
GEC2	163.67	307	PKP	28 18.60	15.3X				eS	42 26.56		KIC	76.96	268	P	06 11.00	0.1
	0.9s	1.51nm				BRLK	1.06	158	eP	42 13.11	-0.8	TIC	77.01	268	P	06 11.30	0.2
	S.D. = 1.0	on 26 of 28 obs.							eS	42 28.65		LIC	77.27	268	P	06 12.60	0.1
% OCT 27, 1992 01h 14m 19.52± 0.86s						HOM	1.10	179	eP	42 13.71	-0.5	YKA	79.65	4	P	06 24.10	-0.5
42.328 N ± 7.2km 13.394 E ± 8.8km									S	42 29.31			0.5s	4.60nm			4.5mb
DEPTH = 10.0km (geophysicist)						PMS	1.14	63	ePd	42 14.57	-0.3	WRA	81.02	124	P	06 33.00	0.5
CENTRAL ITALY (381)						MPA	1.17	102	ePd	42 14.38	-0.8		0.8s	7.10nm			4.4mb
AQU	0.03	15	Pc	14 21.30	-0.3	SKT	1.24	3	ePd	42 15.26	-0.8	ASPA	83.40	127	eP	06 44.90	0.2
			eSg	14 23.50					eS	42 31.85			1.0s	5.70nm			4.3mb
MNS	0.53	276	P	14 30.20	-0.1	CNPM	1.25	170	ePc	42 15.53	-0.7		S.D. = 1.2	on 28 of 31 obs.			
			eSg	14 36.80					eS	42 32.32							
SDI	0.70	153	P	14 33.40	0.1	PWA	1.25	43	ePd	42 16.37	0.1		OCT 27, 1992 03h 12m 31.07± 0.25s				
			eSg	14 42.80		SEW	1.28	120	eP	42 15.32	-1.3		44.499 N ± 2.2km 7.278 E ± 2.8km				
ASS	0.92	324	P	14 37.10	0.0	PTE	1.30	84	ePd	42 16.32	-0.6		DEPTH = 10.0km (geophysicist)				
			eSg	14 50.10		OPT	1.35	216	ePd	42 17.11	-0.5		NORTHERN ITALY (545)				
ARV	1.22	344	P	14 42.40	0.2	PLRM	1.49	54	eP	42 18.01	-1.4		ML 3.0 (LDG), 2.9 (GEN).				
	S.D. = 0.3	on 5 of 5 obs.				PDB	1.59	234	ePd	42 19.20	-1.6	PZZ	0.13	273	Pc	12 34.39	0.1
? OCT 27, 1992 01h 40m 33.40± 5.33s									eS	42 39.24					S	12 36.08	
37.204 N ±30.3km 21.626 E ±45.3km						AUL	1.63	214	eP	42 20.71	-0.7	STV	0.26	173	Pd	12 36.78	0.2
DEPTH = 10.0km (geophysicist)						AUE	1.64	212	eP	42 20.46	-1.0				S	12 40.29	
SOUTHERN GREECE (368)						AUP	1.65	213	eP	42 20.89	-0.8	ENR	0.29	159	Pd	12 37.43	0.2
ML 3.2 (THE), 3.0 (ATH).						AUH	1.65	213	eP	42 20.98	-0.7				S	12 41.20	
VLI	1.16	114	ePn	40 55.00	0.0	AUW	1.65	214	eP	42 20.79	-0.9	BHB	0.34	358	Pd	12 38.13	0.0
ATH	1.83	65	ePb	41 05.20	0.1	AUI	1.67	213	eP	42 22.12	0.2				S	12 42.71	
AGG	1.90	17	ePn	41 06.90	0.7	GHO	1.67	51	ePd	42 20.83	-1.2	ROB	0.47	115	Pc	12 41.02	0.4
			eSn	41 36.10		KNK	1.70	66	eP	42 20.34	-1.9				S	12 47.63	
KEK	2.89	331	ePn	41 32.40	12.1X	SML	1.93	55	ePd	42 23.99	-1.5	RRL	0.55	320	P	12 41.89	-0.3
LIT	2.97	13	ePn	41 23.10	1.7	SVW	1.96	282	eP	42 23.75	-2.2				S	12 49.07	
			eSn	42 04.00		KNIM	1.98	100	eP	42 23.41	-2.8	SBF	0.65	170	Pg	12 43.90	-0.1
KZN	3.10	2	ePn	41 28.00	4.7X	MCNL	2.07	222	eP	42 26.00	-1.3				Sg	12 52.30	
KNT	4.07	14	iPn	41 36.96	-0.1	CDD	2.08	210	ePd	42 26.44	-1.1	RSP	0.65	359	P	12 43.06	-1.1
VAY	4.18	10	ePn	41 37.40	-1.1	SYI	2.18	190	ePc	42 27.99	-0.9				S	12 52.05	
SRS	4.20	21	ePn	41 37.60	-1.2	SCM	2.36	61	eP	42 29.77	-1.7	BNI	0.70	322	P	12 44.70	-0.3
	S.D. = 1.2	on 7 of 9 obs.				HUR	2.43	22	eP	42 31.52	-0.9				eSg	12 53.60	
& OCT 27, 1992 02h 41m 54.11s						TRF	2.79	13	eP	42 35.97	-1.5	CKI	0.72	96	P	12 54.50	0.2
60.751 N 151.666 W						KLU	2.89	73	eP	42 36.44	-2.3				eSg	12 54.40	
DEPTH = 73.7km						TOA	2.97	60	eP	42 38.71	-1.2	FIN	0.73	113	Pc	12 54.40	0.0
KENAI PENINSULA, ALASKA (14)							56 obs. associated								S	12 54.93	
<AEIC>.												IMI	0.73	143	Pd	12 54.29	-0.2
NKA	0.21	92	iPc	42 06.67	1.4										S	12 54.98	
RDT	0.41	244	ePc	42 05.94	-0.8							PCP	0.91	87	Pc	12 48.90	0.4
			eS	42 15.87											S	13 01.29	
8KG	0.43	318	ePc	42 06.35	-0.6							LSD	0.96	355	P	12 49.44	-0.1
SPU	0.47	337	iPd	42 06.51	-0.7										S	13 01.61	
			eS	42 16.89		KSH	2.35	50	iPd	55 18.00	2.2	FRF	1.04	206	Pg	12 50.60	-0.1
CKT	0.52	330	ePd	42 07.03	-0.7				S	55 48.50					Sg	13 03.60	
DFR	0.53	253	iPd	42 07.12	-0.7	QUE	9.54	217	eP	56 50.00	0.1	LPG	1.07	340	Pg	12 51.40	0.0
			eS	42 17.59					e(S)	58 32.50					Sg	13 05.50	
CKN	0.54	332	ePd	42 07.38	-0.5	NDI	9.74	161	iPc	56 53.40	1.2	LPL	1.09	339	Pg	12 51.80	0.1
CKL	0.55	324	ePd	42 07.44	-0.7				0.5s	38.73nm	5.2mb				Sg	13 05.90	
CRP	0.57	335	ePd	42 07.84	-0.5	MAIO	11.42	266	iPd	57 11.00	-3.3X	ORO	1.23	24	P	12 56.30	2.3
									0.7s	10.80nm	4.5mb	LRG	1.24	213	Pg	12 54.30	0.3
									eS	59 10.00					Sg	13 09.90	
						WMO	12.12	57	iPd	57 22.00	-1.4	ORX	1.24	23	P	12 52.36	-1.8
									1.0s	56.00nm	5.0mb	LMR	1.29	206	Pg	12 54.90	-0.1
						GKN	13.56	134	P	57 40.80	-1.0				Sg	13 10.90	

27d 03h

PGF 2.32 147 Pn 13 08.70 -1.3
 Sn 13 34.20
 SMF 3.23 313 Pn 13 22.40 -0.4
 LBF 3.39 318 Pn 13 25.50 0.3
 AVF 3.58 311 Pn 13 27.90 0.1
 LOR 3.66 320 Pn 13 29.00 0.1
 SSF 3.68 315 Pn 13 29.50 0.3
 BGF 3.73 305 Pn 13 30.50 0.5
 CAF 3.74 278 Pn 13 29.80 -0.3
 MAF 3.74 299 Pn 13 30.90 0.8

S.D. = 0.7 on 30 of 30 obs.

OCT 27, 1992 04h 29m 00.63 ± 0.83s

31.338 S ± 10.4km 67.840 W ± 7.0km

DEPTH = 10.0km (geophysicist)

SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.54 271 iPd 29 10.30 -1.2
 ZON 0.75 254 iPd 29 11.00 -4.3X
 eS 29 19.00
 RTCV 0.79 229 iPc 29 14.10 -1.9
 MDZ 1.76 209 eP 29 32.50 1.0
 i(S) 29 59.30

MRA 2.11 121 ePd 29 36.50 0.2

JACH 2.70 239 iP 29 48.44 3.5X

iS 30 22.65

TCA 2.78 91 iP 29 45.50 -0.6

FCH 2.87 226 iP 29 50.32 2.7X

iS 30 27.96

PEL 3.01 233 iP+ 29 53.66 4.4X

iS 30 32.90

ROCH 3.14 238 iP 29 52.85 1.5

iS 30 33.29

SAN 3.18 228 iP 29 57.23 5.5X

iS 30 37.75

PCH 3.21 224 iP 29 55.27 3.1X

iS 30 35.78

CYA 3.39 32 iPd 29 55.00 0.4

RFA 3.46 189 ePd 29 54.00 -1.7

i 30 02.00

S 30 44.20

TACH 3.49 228 iP 29 57.22 1.2

CHCH 3.51 222 iP 29 57.95 1.6

LCCH 3.81 235 iP 30 00.94 0.4

iS 30 53.75

LNV 3.99 228 iPd 30 02.38 -0.7

iS 31 00.03

ZOBO 14.99 359 P 32 40.70 5.9X

S.D. = 1.4 on 12 of 19 obs.

* OCT 27, 1992 05h 40m 08.12 ± 2.17s

36.430 N ± 13.4km 22.711 E ± 19.9km

DEPTH = 10.0km (geophysicist)

SOUTHERN GREECE (368)

ML 3.2 (ATH).

VLI 0.34 32 ePg 40 15.00 -0.1

eSg 40 19.30

ATH 1.74 27 ePb 40 39.00 0.5

AGG 2.61 353 eP 40 51.60 0.6

NPS 2.63 115 ePn 40 51.30 -0.1

KZN 3.94 349 ePn 41 15.70 5.7X

KNT 4.73 2 eP 41 20.20 -0.9

S.D. = 0.9 on 5 of 6 obs.

& OCT 27, 1992 06h 10m 27.23s

46.597 N 121.758 W

DEPTH = 2.3km

WASHINGTON (29)

<SEA-P>. MD 2.5 (SEA). Felt (IV)

at Packwood. Also felt in the

Randle area.

GLK 0.11 108 Pc 10 29.90 0.4

LON 0.16 347 eP 10 30.25 -0.2

WPW 0.18 55 Pd 10 30.85 0.0

REMR 0.23 346 Pd 10 31.59 -0.3

RCS 0.27 4 Pd 10 32.42 -0.3

S 10 36.04

KOSW 0.33 246 Pd 10 33.52 -0.3

FMW 0.34 10 Pd 10 33.62 -0.4

LMW 0.37 281 Pc 10 34.44 -0.3

RVC 0.38 337 Pc 10 34.08 -0.7

TDL 0.40 232 Pd 10 34.64 -0.6

SOSW 0.45 216 Pd 10 35.16 -1.0

ASR 0.46 166 Pd 10 35.93 -0.5

STD 0.48 222 Pd 10 36.08 -0.8

ESD 0.48 214 Pd 10 36.19 -0.7
 YEL 0.49 218 Pd 10 36.29 -0.7
 REMW 0.50 217 P 10 36.49 -0.6
 ERK 0.50 234 Pd 10 36.25 -0.9
 S 10 43.17
 HSR 0.52 215 Pd 10 36.75 -0.8
 S 10 43.83
 CDFW 0.52 203 Pd 10 36.70 -0.9
 SHW 0.52 219 ePd 10 36.77 -0.9
 S 10 44.07

JLK 0.53 211 Pd 10 36.80 -1.0

S 10 44.29

CZM 0.54 253 P 10 37.18 -0.9

GHW 0.57 322 P 10 37.17 -1.4

FL2 0.57 226 Pd 10 37.68 -1.0

BMW 1.02 264 ePc 10 45.10 -2.2

S 10 58.89

GMW 1.18 324 eP 10 47.09 -2.9

S 11 02.84

VGB 1.28 147 ePn 10 50.24 -1.4

MCW 2.21 341 ePn 11 04.15 -1.3

eS 11 32.76

28 obs. associated

& OCT 27, 1992 07h 51m 53.89s

34.051 N 116.399 W

DEPTH = 4.9km

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 2.9 (PAS).

PLM 0.80 209 iPd 52 08.69 -1.3

S 52 19.45

SSK 1.09 279 iPc 52 13.77 -1.1

S 52 28.55

GSC 1.29 345 eP 52 16.89 -1.5

S 52 35.07

GLA 1.65 127 eP 52 20.89 -2.8

S 52 46.95

ISA 2.34 314 ePn 52 31.89 -1.9

S 53 07.30

ABL 2.46 290 (Pn) 52 34.01 -1.6

S 53 11.55

TPNV 2.89 2 (Pn) 52 40.25 -1.4

BCH 3.24 291 ePn 52 41.26 -5.3

ARUT 4.43 32 (Pn) 53 05.42 1.9

9 obs. associated

* OCT 27, 1992 08h 42m 08.51 ± 0.73s

33.485 S ± 4.5km 70.539 W ± 5.8km

DEPTH = 13.9 ± 5.9 km

CHILE-ARGENTINA BORDER REGION (127)

MD 3.4 (SAN).

SAN 0.11 287 (P) 42 11.30 -0.6

iS 42 15.71

PCH 0.14 171 iP+ 42 12.77 0.5

iS 42 15.03

FCH 0.26 53 iPd 42 14.34 -0.1

iS 42 18.06

PEL 0.36 340 iP 42 16.80 0.6

iS 42 22.36

TACH 0.37 243 iPd 42 16.64 0.3

iS 42 22.48

CHCH 0.46 192 iPd 42 17.75 -0.1

iS 42 24.36

ROCH 0.65 322 iP+ 42 21.42 0.2

iS 42 31.35

JACH 0.80 357 eP 42 23.33 -0.5

iS 42 33.75

LCCH 0.86 270 iP 42 24.92 0.2

iS 42 37.28

LNV 0.87 237 iPd 42 24.29 -0.5

iS 42 36.50

S.D. = 0.5 on 10 of 10 obs.

OCT 27, 1992 08h 46m 21.70 ± 0.60s

44.205 N ± 8.0km 10.025 E ± 5.1km

DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

ML 2.5 (LDG).

BDI 0.44 109 P 46 30.60 0.0

eSg 46 37.70

MME 0.49 91 P 46 31.20 -0.4

eSg 46 38.70

PII 0.60 143 P 46 34.50 0.6

eSg 46 42.50

BOB 0.70 324 P 46 34.30 -1.2
 PGF 1.82 205 Pn 46 53.20 -0.2
 Sn 47 15.40
 SBF 1.90 261 Pn 46 54.10 -0.4
 Sn 47 17.00
 FRF 2.53 256 Pn 47 02.30 -1.1
 LPG 2.66 300 Pn 47 07.00 1.3
 LPL 2.68 300 Pn 47 07.30 1.4
 LMR 2.69 252 Pn 47 08.90 3.1X
 Sn 47 35.90

LRG 2.76 255 Pn 47 06.70 0.0

S.D. = 1.0 on 10 of 11 obs.

OCT 27, 1992 08h 55m 54.64 ± 0.67s

38.846 N ± 6.3km 26.869 E ± 5.5km

DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)

ML 3.4 (THE).

IZM 0.54 145 iPg 56 05.00 -0.7

EZM 1.07 337 iPn 56 14.50 -0.2

EDC 1.68 27 iPn 56 24.50 0.3

BNT 1.71 28 iPn 56 24.20 -0.5

KCT 1.81 39 iPn 56 26.70 0.6

ALN 2.14 343 ePn 56 30.92 0.0

eSn 56 58.52

ALT 2.54 84 ePn 56 38.00 1.4

YLV 2.58 48 ePn 56 37.60 0.3

OUR 2.68 305 iPn 56 38.38 -0.2

PAIG 2.70 295 ePn 56 38.72 -0.1

eSn 57 14.72

ISK 2.78 37 ePn 56 39.00 -1.0

DMK 3.05 13 ePn 56 42.70 -1.0

SRS 3.39 313 ePn 56 49.80 1.2

eSn 57 31.70

S.D. = 0.8 on 13 of 13 obs.

* OCT 27, 1992 09h 12m 59.98 ± 1.12s

1.831 N ± 14.2km 99.397 E ± 11.7km

DEPTH = 33.0km (normol)

3.9mb (2 obs.)

NORTHERN SUMATRA, INDONESIA (706)

KLM 2.58 61 iP 13 47.80 7.5X

iS 14 24.00

IPM 3.18 31 ePc 13 49.10 0.3

e 14 01.00

eS 14 40.80

KGM 3.92 87 iPc 14 00.30 0.9

i 14 14.10

iS 15 07.10

SNG 5.45 13 eP 14 20.00 -1.0

eS 16 00.20

CHG 16.88 359 eP 16 55.40 -0.1

GBA 24.67 299 P 18 18.80 -0.5

HYB 25.68 308 eP 18 28.50 -0.4

WRA 40.54 124 P 20 36.50 -1.6

0.7s 0.80nm 3.6mb

GEC2 85.79 319 P 25 40.00 2.5

1.5s 2.81nm 4.3mb

S.D. = 1.5 on 8 of 9 obs.

& OCT 27, 1992 09h 15m 24.41s

60.135 N 153.024 W

DEPTH = 120.9km

SOUTHERN ALASKA (2)

<AEIC>.

INE 0.08 195 ePc 15 40.37 0.6

eS 15 53.80

INW 0.09 219 iPc 15 40.42 0.7

eS 15 53.49

RED 0.31 24 iPc 15 40.93 0.7

eS 15 53.82

RS1 0.35 22 ePc 15 41.34 -0.8

eS 15 55.34

RS2 0.35 22 iPc 15 41.36 -0.8

eS 15 55.28

RSO 0.35 22 iPc 15 41.34 -0.9

RDW 0.36 17 iPc 15 41.33 -0.9

REF 0.39 24 iPc 15 41.50 -0.8

eS 15 55.66

RDN 0.40 19 ePc 15 41.59 -0.7

NCT 0.43 6 iPc 15 41.68 -0.8

eS 15 54.98

DFR 0.49 20 ePc 15 41.74 -1.0

OPT 0.49 192 iPc 15 42.03 -0.7

RDT	0.54	35	iPc	15 56.03	
PDB	0.68	240	iPd	15 42.08	-1.0
			eS	15 43.11	-0.9
			eS	15 57.62	
AUL	0.78	196	eP	15 44.15	-0.7
AUE	0.80	193	eP	15 44.19	-0.7
AUW	0.80	197	eP	15 44.37	-0.6
AUP	0.80	195	eP	15 44.38	-0.7
AUH	0.80	196	ePd	15 44.22	-0.8
AUI	0.83	194	eP	15 44.22	-1.0
			eS	15 59.58	
HOM	0.84	124	ePc	15 44.65	-0.7
			eS	16 00.42	
BKG	1.01	21	iPd	15 46.30	-0.7
			iS	16 03.44	
NKA	1.08	55	iPc	15 48.27	0.7
CNPM	1.09	123	iPc	15 46.74	-1.0
			eS	16 04.02	
CKL	1.12	17	iPd	15 47.50	-0.6
			eS	16 05.37	
BRLK	1.14	108	eP	15 47.31	-1.0
			eS	16 04.82	
CKT	1.14	20	iPd	15 47.54	-0.8
			iS	16 05.74	
SPU	1.15	24	iPd	15 47.56	-0.9
			iS	16 05.55	
MCNL	1.16	216	iPd	15 47.35	-1.1
			eS	16 05.05	
CKN	1.17	20	ePd	15 48.02	-0.6
BGL	1.17	15	iPd	15 48.23	-0.5
CP2	1.20	18	ePd	15 48.55	-0.5
CRP	1.21	20	iPd	15 48.56	-0.7
			eS	16 07.25	
CDD	1.25	195	iPd	15 48.12	-1.3
			eS	16 07.36	
CGLM	1.28	23	ePd	15 48.97	-0.9
NCG	1.34	18	eP	15 50.30	-0.3
SLKM	1.44	74	ePc	15 50.21	-1.4
SYI	1.56	168	ePd	15 51.48	-1.5
SVW	1.61	308	ePd	15 52.21	-1.4
SUA	1.74	39	ePd	15 54.44	-0.8
			eS	16 18.10	
SEW	1.79	89	eP	15 53.84	-1.9
MPA	1.86	77	eP	15 55.30	-1.3
SKT	1.99	21	ePd	15 57.15	-1.1
PMS	2.04	55	eP	15 57.68	-1.2
PTE	2.11	68	ePc	15 57.52	-2.2
PWA	2.16	44	eP	16 00.06	-0.3
PLRM	2.40	51	eP	16 01.10	-2.4
KDC	2.41	173	ePd	16 00.97	-2.6
KNK	2.58	58	eP	16 05.18	-0.7
GHO	2.59	49	ePc	16 03.88	-2.2
LTJ	2.59	90	eP	16 04.03	-2.0
KNIM	2.65	83	ePc	16 03.55	-3.2
SML	2.84	52	ePc	16 06.76	-2.5
GLI	3.03	73	eP	16 09.28	-2.5
TTA	3.15	334	ePd	16 11.76	-1.7
SCM	3.26	56	eP	16 14.63	-0.3
HUR	3.28	28	eP	16 13.79	-1.4
FID	3.30	76	ePc	16 13.19	-2.2
VLZ	3.45	70	eP	16 13.87	-3.4
TRF	3.57	20	eP	16 17.41	-1.8
KLU	3.74	66	eP	16 18.52	-2.8
RND	3.83	29	eP	16 20.86	-1.8

62 obs. associated

OCT 27, 1992 09h 26m 30.98 ± 0.47s
 42.018 N ± 4.0km 19.800 E ± 4.1km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.4 (TTG), 2.3 (TIR).

SDA	0.23	279	iPgd	26 35.30	-0.5
			iSg	26 38.80	
LACI	0.39	190	iPgd	26 39.80	0.9
			iSg	26 47.00	
ULC	0.41	263	iPgd	26 39.13	-0.3
			iSg	26 45.80	
KKS	0.46	83	ePg	26 41.10	0.8
TTG	0.57	316	iPgd	26 42.54	0.0
			iSg	26 51.21	
PHP	0.58	125	iPgd	26 41.00	-1.8
			iSg	26 50.00	
PVY	0.59	13	iPgc	26 42.61	-0.4
			iSg	26 51.80	
TIR	0.67	176	ePg	26 45.00	0.7
			eSg	26 55.00	

BDV	0.77	290	iPgd	26 45.89	-0.1
			iSg	26 57.65	
IVA	0.86	5	iPgc	26 47.29	-0.2
			iSg	27 00.74	
NKY	0.99	323	iPgd	26 50.18	0.3
			iSg	27 05.45	
HCY	1.06	294	iPgc	26 50.34	-0.6
			iSg	27 07.24	
BRY	1.28	314	iPgd	26 55.34	0.5
			iSg	27 14.99	
PLE	1.34	347	iPgd	26 56.68	0.9
			iSg	27 16.83	

S.D. = 0.8 on 14 of 14 obs.

OCT 27, 1992 09h 44m 48.12 ± 0.56s
 28.820 N ± 4.7km 33.136 E ± 5.9km
 DEPTH = 29.4 ± 5.7 km
 3.5mb (1 obs.)

EGYPT (553)
 MD 3.9 (HLW), 3.9 (RYD).

KOT	1.59	314	ePn	45 14.25	-0.3
HOL	1.73	75	iPd	45 17.40	0.7
			eS	45 45.00	
MBH	1.79	58	iP	45 18.40	0.8
HLW	1.88	304	ePc	45 19.00	0.2
			eS	45 42.00	
SAGI	1.93	43	iPd	45 19.30	-0.2
AYN	2.51	88	ePd	45 28.00	0.2
			eS	46 00.00	
MKT	2.75	39	iPd	45 31.10	-0.1
			eS	46 03.10	
ZNT	3.78	25	eP	45 45.10	-0.7
			eS	46 28.50	
WAJH	4.02	130	iPc	45 49.30	0.0
			eS	47 00.00	
ASW	4.73	183	eP	45 58.50	-0.7
			eS	47 03.00	
AKUR	4.92	184	eP	46 02.50	0.6
HRI	4.97	26	eP	46 01.40	-1.4
AKSR	5.16	181	eP	46 04.80	-0.6
GEC2	24.95	329	P	50 11.70	1.4

S.D. = 0.8 on 14 of 14 obs.

% OCT 27, 1992 10h 36m 29.68 ± 4.31s
 43.344 N ± 25.3km 18.582 E ± 21.8km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.4 (TTG).

BRY	0.44	184	iPgc	36 37.73	-1.0
			iSg	36 46.30	
PLE	0.59	91	iPgc	36 40.99	-0.8
			iSg	36 50.63	
NKY	0.61	150	iPgc	36 41.40	-0.7
			iSg	36 52.48	
HCY	0.90	184	iPgd	36 46.69	-0.2
			iSg	37 01.42	
TTG	1.04	151	iPgd	36 48.74	-0.6
			iSg	37 06.75	
IVA	1.07	116	iPgd	36 49.98	0.0
			iSg	37 07.82	
BDV	1.08	170	iPgd	36 50.04	0.1
			iSg	37 07.59	
PVY	1.27	126	iPgc	36 53.90	0.6
			iSg	37 14.15	
ULC	1.47	160	iPn	36 57.52	1.4
			iSn	37 21.02	

S.D. = 0.9 on 9 of 9 obs.

OCT 27, 1992 11h 02m 48.23 ± 0.38s
 28.835 N ± 3.5km 33.166 E ± 4.7km
 DEPTH = 22.9 ± 4.2 km
 4.0mb (1 obs.)

EGYPT (553)
 MD 4.2 (HLW), 4.1 (RYD).

KOT	1.60	313	ePn	03 14.80	-0.5
HOL	1.71	75	iPd	03 17.46	0.6
			eS	04 52.00	
MBH	1.76	58	iPd	03 19.10	1.3
HLW	1.89	303	ePc	03 20.00	0.4
			eS	03 43.00	
PRNI	2.19	46	iPd	03 24.50	0.5
AYN	2.49	89	ePd	03 27.30	-0.8
			eS	05 05.30	

MKT	2.72	39	eP	03 31.60	0.1
ZNT	3.75	25	eP	03 45.70	-0.4
			eS	04 30.30	
WAJH	4.01	130	iPc	03 49.46	-0.3
			eS	05 04.46	
MAMI	4.03	25	iPc	03 49.60	-0.5
ATZ	4.37	24	eP	03 54.40	-0.4
ASW	4.74	183	eP	04 00.00	-0.2
AKUR	4.93	184	eP	04 03.00	0.2
HRI	4.94	26	eP	04 02.40	-0.6
AGRW	5.18	184	eP	04 06.70	0.4
AKSR	5.18	181	eP	04 05.60	-0.7
ASKD	5.20	188	eP	04 06.70	0.1
GEC2	24.95	329	P	08 11.90	0.6

S.D. = 0.6 on 18 of 18 obs.

? OCT 27, 1992 11h 04m 45.73 ± 3.19s
 37.136 S ± 18.9km 176.621 E ± 16.1km
 DEPTH = 299.5 ± 27.5 km
 NORTH ISLAND, NEW ZEALAND (159)

KUZ	0.82	298	P	05 25.90	0.5
URZ	1.19	161	P	05 26.30	-0.9
			S	05 51.90	
HBZ	1.42	110	eP	05 27.70	-0.9
NOZ	1.86	143	eP	05 32.40	0.8
MOH	2.04	168	eP	05 33.90	0.9
TTH	2.41	176	P	05 37.20	1.0
WAHZ	2.57	185	P	05 37.90	0.2
BSZ	2.97	206	eP	05 41.30	-0.2
MNG	3.59	194	Pc	05 47.90	0.0
			eS	06 30.00	
KIW	3.95	199	P	05 51.50	-0.3
MTW	4.11	192	P	05 53.00	-0.6
CAW	4.15	196	P	05 53.80	-0.2
DIW	4.22	209	eP	05 54.70	-0.1
BLW	4.32	192	eP	05 55.40	-0.5
MRW	4.35	199	P	05 55.80	-0.4
			eS	06 46.80	
WEL	4.39	199	P	05 56.50	-0.1
MOW	4.41	194	P	05 56.50	-0.4
TCW	4.46	203	P	05 57.60	0.1
ORZ	4.87	220	eP	06 01.10	-1.1
			eS	06 58.40	
THZ	5.44	211	P	06 10.60	1.6
KHZ	5.78	203	P	06 13.40	0.5
			eS	07 17.00	
LTZ	6.56	209	P	06 22.80	0.5
MQZ	7.23	204	P	06 30.30	-0.1
			eS	07 47.20	

S.D. = 0.7 on 23 of 23 obs.

& OCT 27, 1992 12h 29m 26.02s
 59.983 N 151.458 W
 DEPTH = 67.0km
 KENAI PENINSULA, ALASKA (14)
 <AEIC>, ML 2.8 (AEIC).

HOM	0.34	196	ePd	29 37.00	-0.3
			eS	29 46.15	
BRLK	0.36	127	eP	29 37.03	-0.5
			eS	29 45.44	
CNPM	0.47	166	iPd	29 37.80	-0.7
			eS	29 46.98	
RDT	0.76	322	iPc	29 40.80	-0.9
NKA	0.77	8	ePd	29 43.07	1.4
RED	0.79	304	iPc	29 41.26	-0.8
			eS	29 53.43	
REF	0.80	310	iPc	29 41.56	-0.8
			iS	29 53.89	
RS1	0.81	307	iPc	29 41.68	-0.7
RSO	0.81	307	iPc	29 41.67	-0.7
			eS	29 54.11	
RS2	0.81	307	iPc	29 41.70	-0.7
			eS	29 53.99	
INE	0.81	276	iPc	29 41.20	-1.2
			eS	29 53.38	
SLKM	0.81	49	ePd	29 41.62	-0.7
RDW	0.84	307	iPc	29 42.03	-0.8
			eS	29 54.71	
RDN	0.84	310	ePc	29 41.85	-0.9
			eS	29 54.24	
INW	0.85	276	iPc	29 41.69	-1.1
			eS	29 54.09	
DFR	0.86	315	iPc	29 42.12	-0.9
NCT	0.94	309	iPc	29 43.14	-0.8

27d 12h

OPT	0.95	250	eS	29	56.84	
			ePc	29	43.07	-1.0
			eS	29	57.08	
SEW	1.02	82	eP	29	43.71	-1.1
AUE	1.16	238	eP	29	45.93	-0.7
BKG	1.16	340	ePc	29	46.27	-0.6
			eS	30	02.40	
MPA	1.16	63	ePd	29	46.23	-0.5
AUL	1.17	240	ePd	29	46.32	-0.5
AUP	1.17	239	ePd	29	46.36	-0.6
			eS	30	02.10	
AUH	1.18	239	ePd	29	46.40	-0.7
AUI	1.19	238	eP	29	46.38	-0.8
			eS	30	02.38	
AUW	1.19	240	ePd	29	46.51	-0.6
SPU	1.24	347	eP	29	46.99	-0.8
CKT	1.28	344	eP	29	47.92	-0.4
			eS	30	05.00	
CKL	1.29	341	ePc	29	48.22	-0.4
CKN	1.30	344	ePd	29	48.18	-0.4
			S	30	05.29	
CRP	1.33	345	eP	29	48.47	-0.7
			S	30	06.29	
CP2	1.34	344	ePc	29	49.49	0.1
			eS	30	07.87	
CGLM	1.36	349	eP	29	49.20	-0.2
BGL	1.36	341	ePc	29	49.53	0.0
PDB	1.39	263	ePc	29	48.41	-1.4
			eS	30	05.91	
SYI	1.46	200	ePd	29	49.51	-1.2
NCG	1.47	347	eP	29	50.83	-0.1
			eS	30	10.42	
PTE	1.50	53	ePd	29	50.68	-0.5
SUA	1.53	13	ePd	29	51.52	-0.3
CDD	1.54	228	ePd	29	50.61	-1.2
PMS	1.57	36	ePc	29	52.19	-0.2
MCNL	1.67	243	ePc	29	52.02	-1.6
LTJ	1.81	87	eP	29	53.96	-1.6
PWA	1.84	24	ePd	29	56.22	0.2
KNIM	1.90	77	ePd	29	54.88	-1.9
			eS	30	17.72	
PLRM	1.98	34	ePd	29	56.86	-1.0
SKT	2.00	359	iPd	29	58.11	-0.2
KNK	2.06	45	ePd	29	58.07	-1.0
GHO	2.18	34	eP	29	59.96	-0.8
GLI	2.34	66	ePd	30	00.59	-2.4
SVW	2.35	301	eP	30	00.68	-2.4
			S	30	24.65	
SML	2.38	38	ePc	30	02.64	-0.9
FID	2.59	71	eP	30	03.69	-2.7
SCM	2.74	46	eP	30	07.84	-0.8
VLZ	2.78	63	eP	30	07.33	-1.7
KLU	3.11	58	ePd	30	12.16	-1.7
TOA	3.34	48	eP	30	16.30	-0.7
TRF	3.53	9	eP	30	19.42	-0.3
RND	3.65	19	eP	30	21.09	-0.3
BALM	4.63	73	(P)	30	34.13	-1.0
FBA	5.22	17	eP	30	40.60	-2.7
	0.5s	3.75nm			3.9mb X	
	62 obs.	associated				

OCT 27, 1992 13h 21m 08.95±0.77s
 42.516 N ± 7.5km 23.890 E ± 8.5km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)
 ML 2.7 (THE).

SRS	1.42	189	ePb	21	33.50	-1.2
			eSb	21	56.14	
KNT	1.54	209	ePb	21	36.22	-0.3
			eSb	21	59.62	
VAY	1.55	220	iPn	21	37.00	0.4
SOH	1.74	194	ePb	21	39.39	0.0
			eSb	22	04.21	
SKO	1.90	254	ePn	21	42.00	0.3
GRG	1.92	216	ePn	21	41.70	-0.3
			eSn	22	08.51	
OUR	2.18	178	iPn	21	46.86	1.1
			eSn	22	16.01	
ALN	2.28	134	ePn	21	47.38	0.1
MLR	3.32	26	ePc	22	02.00	-0.1
	S.D. = 0.7	on	9 of	9 obs.		
%	OCT 27, 1992	13h 52m	01.08±0.85s			
	41.139 N ± 7.5km	28.492 E ± 6.9km				
	DEPTH = 10.0km	(geophysicist)				
	TURKEY		(366)			

ISK	0.43	100	iPg	52	10.00	0.1
DMK	0.88	321	iPg	52	17.90	0.0
			iSg	52	30.40	
YLV	0.88	130	ePg	52	18.00	0.0
BNT	0.89	209	iPg	52	18.40	0.2
KCT	0.90	187	iPg	52	18.10	-0.2
	S.D. = 0.2	on	5 of	5 obs.		

% OCT 27, 1992 14h 22m 39.15±2.22s
 44.440 N ± 5.2km 7.600 E ± 27.6km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.2 (LDG).

SBF	0.59	192	Pg	22	51.10	0.0
			Sg	22	58.10	
FRF	1.12	218	Pg	23	00.40	0.3
			Sg	23	13.50	
LPG	1.22	331	Pg	23	02.20	0.2
LPL	1.24	331	Pg	23	02.20	-0.2
LRG	1.33	223	Pn	23	03.40	-0.3
			Sg	23	19.60	
LMR	1.36	216	Pg	23	04.00	-0.1
			Sg	23	20.40	
	S.D. = 0.3	on	6 of	6 obs.		

* OCT 27, 1992 14h 24m 16.18±1.35s
 3.471 S ± 12.2km 144.260 E ± 9.5km
 DEPTH = 17.1 ± 10.1 km
 4.5mb (4 obs.)

NEAR N COAST OF NEW GUINEA, PNG. (200)

WWKK	0.65	257	iPd	24	29.20	0.4
MDG	2.33	139	eP	24	52.80	-1.5
MNDI	2.73	193	eP	25	05.00	4.7X
YYYY	3.24	148	eP	25	08.80	1.4
JAY	3.68	285	iPd	25	12.80	-0.7
			eS	26	30.00	
LAT	4.19	139	eP	25	22.30	1.6
PMG	6.56	154	eP	25	52.00	-2.3X
HNR	16.67	112	eP	28	09.00	-1.6
MNI	20.02	284	eP	28	49.70	-1.4
ASPA	22.43	206	eP	29	16.10	0.4
	0.7s	5.30nm			4.1mb	
RMO	23.29	170	eP	29	25.10	1.0
	0.4s	6.00nm			4.5mb	
BRS	25.14	162	eP	29	41.00	-1.0
WARB	28.21	215	eP	30	09.50	-0.7
CHG	49.79	298	eP	33	10.50	0.1
XAN	50.01	321	eP	33	13.00	1.2
CD2	51.57	315	eP	33	26.10	2.4
LZH	54.53	320	eP	33	46.50	0.7
	1.5s	27.00nm			5.1mb	
GTA	59.07	321	eP	34	17.50	-0.5
	1.0s	5.00nm			4.6mb	
		pP	34	20.50	10kmX	
		sP	34	23.00		
HYB	68.03	290	eP	35	15.50	-1.8
	S.D. = 1.4	on	17 of	19 obs.		

% OCT 27, 1992 14h 57m 51.85±0.90s
 66.781 N ± 8.3km 13.588 E ± 16.2km
 DEPTH = 0.0km (geophysicist)
 NORTHERN NORWAY (646)
 MD 3.2 (BER). Felt. Probable
 explosion.

LOF	1.36	359	eP	58	17.82	0.0
			eS	58	34.47	
KTk1	4.28	54	eP	59	00.43	0.8
ARA0	5.24	53	Pn	59	12.49	-0.8
			Sn	00	11.04	
			Lg	00	37.16	
NB2	5.86	191	P	59	22.00	-0.1
	0.5s	3.80nm			4.4mb X	
NRA0	6.14	189	Pn	59	26.03	0.1
			Lg	01	08.08	
	S.D. = 0.8	on	5 of	5 obs.		

? OCT 27, 1992 16h 38m 36.45±5.14s
 43.404 N ± 28.7km 18.494 E ± 27.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.9 (TTG).

BRY	0.50	176	iPgc	38	45.62	-1.1
			iSg	38	53.98	

PLE	0.66	96	iPgd	38	48.99	-0.7
			iSg	38	59.87	
NKY	0.70	148	iPgd	38	49.81	-0.5
			iSg	39	00.43	
HCY	0.96	180	iPgd	38	54.74	0.1
			iSg	39	09.37	
TTG	1.12	150	iPgd	38	57.71	0.2
			iSg	39	14.84	
BDV	1.15	167	iPgc	38	58.23	0.3
			iSg	39	15.67	
IVA	1.16	117	iPgc	38	58.23	0.1
			iSg	39	15.94	
PVY	1.35	126	iPgc	39	02.06	0.6
			iSg	39	22.48	
ULC	1.54	159	ePn	39	04.98	0.9
			iSn	39	27.41	
	S.D. = 0.7	on	9 of	9 obs.		

* OCT 27, 1992 17h 15m 05.55±1.91s
 18.247 S ± 18.1km 119.149 E ± 15.4km
 DEPTH = 33.0km (normal)
 3.9mb (1 obs.)
 NORTHWEST OF AUSTRALIA (588)

MBL	2.97	168	eP	15	55.00	3.6X
NANU	5.47	218	eP	16	28.30	1.4
			eS	17	26.00	
WARB	10.51	140	eP	17	38.60	1.5
BAL	12.50	190	eP	18	03.60	-0.4
	0.3s	15.00nm			5.6mb X	
COOL	12.71	172	eP	20	12.70	
	0.3s	7.00nm			5.3mb X	
		eS	20	16.50		
MTN	12.73	67	eP	18	06.50	-0.6
		eS	20	22.00		
KLB	13.35	185	iPc	18	14.50	-0.7
	0.3s	9.00nm			5.3mb X	
		eS	20	33.00		
ASPA	14.79	114	iPd	18	34.80	0.5
	0.4s	18.20nm			4.8mb X	
		eS	21	12.80		
RKG	16.37	186	eP	18	54.00	-0.5
	0.3s	3.00nm			3.9mb	
		eS	21	44.00		
	S.D. = 1.2	on	8 of	9 obs.		

* OCT 27, 1992 17h 38m 07.02±2.02s
 16.596 S ± 12.6km 73.105 W ± 17.7km
 DEPTH = 93.5 ± 16.2 km
 4.6mb (2 obs.)
 NEAR COAST OF PERU (115)

ARE	1.55	85	iPc	38	32.50	-1.8
			iS	38	59.20	
ZOBO	4.78	87	iPc	39	19.30	0.6
			S	41	00.00	
LPB	4.80	90	P	39	20.00	1.3
	1.0s	780.00nm				
CNCB	4.92	93	iPc	39	21.20	0.7
ANT	7.51	161	eP	39	57.00	1.3
TCA	16.60	154	e(P)	41	53.00	-2.4
PDCR	33.11	88	eP	44	36.00	-0.4
ALO	60.25	329	eP	48	09.20	1.1
	0.9s	2.52nm			4.3mb	
LIC	71.01	77	Pc	49	16.90	-0.2
TIC	71.16	77	P	49	17.72	-0.3
KIC	71.33	77	Pc	49	18.94	-0.1
	0.5s	31.00nm			5.4mb X	
NVL	72.79	160	eP	49	28.00	1.3
	1.2s	19.00nm			4.8mb	
SES	74.58	336	iPd	49	36.10	-1.3
WRA	134.77	218	PKP	57	17.90	0.6X
	0.6s	2.60nm				
MAT	145.89	312	ePKP	57	37.00	0.2
	0.9s	7.56nm				
GBA	151.42	92	PKP	57	53.20	7.3X
S.D. = 1.4 on 14 of 16 obs.						

PLM 1.24 194 eLg 53 28.73
ISA 1.94 305 ePn 53 18.78 -0.3
GLA 2.06 137 ePn 53 26.59 -2.9
ePg 53 33.30 -2.7

5 obs. associated

% OCT 27, 1992 18h 59m 46.69±0.63s
42.407 N ± 5.5km 19.453 E ± 4.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.4 (TTG).

TTG 0.14 279 iPg 59 50.41 0.4
iSg 59 53.39
PVY 0.43 64 iPg 59 55.58 0.1
iSg 00 03.05
ULC 0.47 199 iPg 59 56.25 0.0
iSg 00 03.61
BDV 0.48 255 iPg 59 56.13 -0.3
iSg 00 03.05
NKY 0.53 321 iPg 59 57.36 0.0
iSg 00 05.00
IVA 0.57 35 iPg 59 58.08 -0.2
iSg 00 07.11
HCY 0.71 274 iPg 00 00.58 -0.1
iSg 00 10.85
BRY 0.83 307 iPg 00 02.95 0.1
iSg 00 15.24

S.D. = 0.2 on 8 of 8 obs.

* OCT 27, 1992 19h 11m 44.57±0.72s
52.088 N ± 15.7km 171.111 W ± 7.5km
DEPTH = 33.0km (normal)
4.3mb (6 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 3.45 269 eP 12 38.97 1.7
eS 13 17.77
SDN 7.09 58 (P) 13 28.60 0.0
SVW 12.40 37 eP 14 42.84 1.4
TTA 13.52 31 eP 14 57.32 1.1
0.9s 4.52nm 4.4mb
SLKM 14.28 46 eP 15 05.83 -0.4
FBA 17.55 34 (P) 15 53.90 6.0X
0.9s 4.27nm 3.6mb
BALM 18.07 49 (P) 15 51.41 -3.0X
SES 36.71 68 eP 18 51.00 1.0
MCMT 38.38 77 iPc 19 05.70 1.3
MIAR 56.35 76 eP 21 24.20 -0.3
0.7s 3.85nm 4.5mb
GBTN 61.06 68 eP 21 56.36 -0.9
PRM 63.25 68 (P) 22 11.13 -0.7
LHS 63.85 67 eP 22 15.56 -0.2
KAF 65.31 351 eP 22 23.50 -1.4
NUR 67.04 352 eP 22 34.90 -1.0
0.5s 5.60nm 4.9mb
HFS 68.07 357 eP 22 40.60 -1.8
0.4s 1.30nm 4.4mb
Z 15s 20.00um 6.5mszX

S.D. = 1.0 on 19 of 21 obs.

OCT 27, 1992 19h 36m 53.15±1.81s
5.571 S ± 16.4km 103.796 E ± 16.1km
DEPTH = 82.6 ± 14.2 km
4.6mb (8 obs.)
SOUTHERN SUMATERA, INDONESIA (274)

KSI 2.27 328 ePd 37 29.50 0.2
eS 38 10.00
KUPT 20.14 104 eP 41 18.50 -4.6X
KHT 20.87 346 eP 41 29.00 -1.6
CHG 24.70 349 eP 42 07.80 -0.3
1.0s 18.00nm 4.5mb
ASPA 34.11 125 eP 43 32.00 -0.2
1.2s 6.50nm 4.4mb
PKI 37.43 333 P 44 00.40 -0.1
GUN 37.51 333 P 44 01.40 0.2
DMN 37.60 332 P 44 02.00 0.1

KKN 37.68 333 P 44 02.40 -0.1
GKN 38.16 332 P 44 06.60 0.2
XAN 39.69 7 P 44 18.30 -0.7
0.6s 6.10nm 4.7mb
NJ2 40.07 20 Pd 44 23.00 1.0
NDI 42.60 324 iPd 44 43.00 0.2
0.6s 23.33nm 5.2mb
TIY 43.81 10 eP 44 53.40 0.8
GTA 44.91 356 eP 45 02.00 0.5
1.0s 10.00nm 4.6mb
HHC 46.74 8 iPc 45 17.20 1.3
1.0s 7.10nm 4.5mb
BJI 46.80 13 eP 45 16.00 -0.2
0.9s 11.00nm 4.8mb
WMO 51.27 345 P 45 51.00 0.3
CN2 52.89 20 eP 46 01.20 -1.5
1.0s 12.00nm 4.9mb
S.D. = 0.8 on 18 of 19 obs.

% OCT 27, 1992 19h 44m 48.57±2.44s
46.593 N ± 7.1km 7.489 E ± 43.0km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.4 (LDG).

LPL 1.20 206 Pn 45 11.10 0.0
Pg 45 13.90
Sg 45 28.00
LPG 1.21 205 Pn 45 11.20 -0.1
Pg 45 13.80
Sg 45 28.40
BSF 1.33 339 Pg 45 12.60 -0.5
Sg 45 30.30
HAU 1.61 332 Pg 45 17.70 0.5
Sg 45 38.30
CDF 1.83 356 Pg 45 20.40 0.1
Sg 45 42.90
S.D. = 0.5 on 5 of 5 obs.

* OCT 27, 1992 20h 26m 43.94±3.03s
21.694 S ± 9.4km 175.385 W ± 13.0km
DEPTH = 245.1 ± 25.6 km
4.8mb (12 obs.)
TONGA ISLANDS (173)

AFI 8.47 25 eP 29 20.00 35.9X
BKM 15.93 282 iPc 30 16.50 -0.5
DZM 16.87 265 iPc 30 27.80 0.4
QRZ 21.65 206 eP 31 13.30 -2.2
THZ 22.31 204 eP 31 22.50 0.5
DSZ 22.72 205 eP 31 26.60 0.7
LTZ 23.43 203 eP 31 33.00 0.4
ARMA 30.79 247 iPd 32 40.30 1.2
0.7s 23.00nm 4.9mb
RMO 33.01 254 eP 32 59.10 0.9
0.8s 26.00nm 4.9mb
CNB 33.63 238 eP 33 04.00 0.5
0.8s 9.00nm 4.5mb
CAN 33.92 239 eP 33 06.10 0.2
BWA 34.19 240 eP 33 06.00 -2.2
CMS 35.87 246 eP 33 22.50 0.2
QLP 37.06 254 iPc 33 32.70 0.3
0.3s 38.00nm 5.4mb
TOO 37.21 236 iPc 33 34.10 0.6
0.4s 14.00nm 4.9mb
PMG 37.99 283 eP 33 40.00 -0.2
BFD 39.42 237 eP 33 55.20 3.5X
MDG 40.99 288 eP 34 05.40 0.6
ASPA 46.64 257 iPd 34 49.70 -0.2
0.5s 53.70nm 5.1mb
WRA 46.86 263 P 34 51.30 -0.4
0.6s 20.80nm 4.6mb
MTN 51.62 271 eP 35 27.00 -0.9
WARB 52.81 253 eP 35 36.00 -0.6
COOL 56.99 247 eP 36 06.50 0.0
0.5s 6.00nm 4.5mb
KLB 59.77 245 eP 36 26.00 0.4
0.4s 5.00nm 4.5mb
MBL 59.88 257 iPc 36 26.10 -0.4
0.4s 12.00nm 4.9mb
BAL 60.81 246 eP 36 32.00 -0.7
0.4s 7.00nm 4.7mb
NANU 63.44 255 eP 36 50.50 0.4
0.4s 17.00nm 5.1mb
CGP 65.96 290 ePd 37 06.00 -0.3
MAT 72.63 322 (P) 37 43.00 -3.4X
CHG 92.94 289 eP 39 33.00 2.3X

ZOBO 99.35 112 P 39 54.70 -6.1X
Z 20s 0.09um 4.3msz
LR 12 08.00
HFS 141.06 353 ePKP 45 31.30 -14.8X
0.4s 0.90nm
KSP 149.50 345 ePKP 45 59.20 -1.2
CLL 149.72 350 iPKPc 45 59.60 -1.0
1.0s 19.00nm
BRG 149.97 348 iPKP 45 59.40 -1.6
1.0s 18.00nm
MOX 150.59 351 ePKP 46 01.90 -0.1
1.5s 24.00nm
PRU 150.69 347 PKPc 46 02.30 0.1
GRF 151.57 351 ePKP 46 04.20 0.7
e 46 15.10
DOU 151.66 0 PKP 46 03.70 0.1
0.8s 16.70nm
SRO 151.70 340 e(PKP) 46 05.70 2.0X
KHC 151.71 348 PKP 46 04.60 0.8
1.1s 7.50nm
ZST 151.72 342 ePKP 46 15.10 11.4X
GEC2 151.95 347 PKP 46 05.30 1.1
0.9s 3.49nm
FLN 152.69 7 iPKPc 46 05.10 0.0
0.5s 8.15nm
LDQ 152.89 7 iPKPc 46 05.60 0.2
0.7s 13.80nm
GRR 153.01 8 iPKPc 46 06.00 0.5
0.7s 19.30nm
LPF 153.33 8 iPKPc 46 06.60 0.6
0.7s 20.15nm
S.D. = 0.8 on 39 of 47 obs.

* OCT 27, 1992 20h 43m 53.54±0.89s
30.040 S ± 9.7km 67.222 W ± 8.9km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 1.68 220 iPd 44 21.50 0.5
S 44 43.50
ZON 1.96 220 iPc 44 25.30 0.2
eS 44 50.30
CYA 2.02 38 iPc 44 26.00 0.0
RTCV 2.14 212 iPc 44 27.50 -0.2
S 44 54.30
TCA 2.61 120 iP 44 34.20 -0.2
(S) 45 04.00
MRA 2.70 152 iPc 44 35.90 0.4
S 45 04.00
MDZ 3.16 206 eP 44 41.40 -0.7
S.D. = 0.5 on 7 of 7 obs.

* OCT 27, 1992 22h 19m 21.16s
34.564 N 116.502 W
DEPTH = 3.6km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

GSC 0.78 341 eP 19 35.51 -1.2
eS 19 48.61
SSK 1.05 251 eP 19 40.28 -1.3
eS 19 54.34
PLM 1.24 194 eP 19 44.03 -1.0
ISA 1.95 305 ePn 19 55.75 0.2
GLA 2.05 137 (Pn) 19 54.27 -2.7
ePg 19 58.32
TPNV 2.39 5 (P) 20 07.39 5.5
BONR 3.68 337 (Pn) 20 22.12 1.7
ePg 20 30.42
7 obs. associated

OCT 27, 1992 22h 56m 20.37±0.30s
6.879 N ± 4.0km 76.826 W ± 5.5km
DEPTH = 10.0km (geophysicist)
4.6mb (10 obs.) 4.7msz (2 obs.)
NORTHERN COLOMBIA (99)
MD 4.9 (UPA).

HOBC 2.60 165 iPd 57 01.52 -1.8
CLMC 2.99 175 iPd 57 08.48 -0.4
AZUC 3.24 168 iPd 57 12.14 -0.5
ANCC 3.34 181 ePd 57 13.35 -0.4
HOCC 3.39 177 iPd 57 13.86 -0.9
UPA 3.40 308 eP 57 13.60 -0.9

27d 22h

BOG 3.55 129 eS 57 56.18
iPd 57 22.00 5.1X
iS 58 08.00
ECO 3.76 311 eP 57 17.86 -1.9
SILC 4.19 173 iPd 57 26.90 0.7
PURC 4.55 174 eP 57 33.04 1.7
PSO 5.67 185 eP 57 51.50 4.4X
DVD 5.79 286 eP 57 47.48 -0.8
BRU 6.00 289 eP 57 50.31 -1.4
SDV 6.45 72 iPd 57 57.10 -0.9
TOV 7.54 67 ePd 58 11.70 -1.3
iPP 58 12.20
iS 59 33.40

MORO 9.30 64 eP 58 34.50 -3.1X
CAR 10.43 69 eP 58 52.00 -1.2
STH 11.13 0 iPd 59 04.75 2.0
S 01 07.44
GUAN 11.47 74 eP 59 03.30 -4.2X
NNA 18.74 180 eP 00 46.00 4.3X
1.0s 17.00nm 4.2mb
ARE 23.78 167 eP 01 40.00 5.5X
ZOBO 24.57 160 P 01 44.20 1.7
Z 20s 1.78um 4.6msz
S 06 06.00
LR 09 42.00

LPB 24.81 160 P 01 49.30 4.7X
Z 22s 2.96um 4.7msz
LR 09 54.00
CNCB 25.11 160 P 01 48.00 0.4
HBF 26.13 353 (P) 01 57.27 0.9
CEH 28.95 356 (P) 02 26.14 4.2X
BLA 30.37 354 (P) 02 35.87 1.1
0.5s 24.45nm 5.3mb
OLY 31.50 337 ePc 02 43.58 -1.1
FVM 33.33 340 eP 02 59.45 -1.2
0.6s 17.57nm 5.2mb

ALO 39.03 320 eP 03 49.18 -0.1
1.0s 10.68nm 4.5mb
GOL 41.53 326 eP 04 09.05 -0.9
0.9s 7.69nm 4.4mb
GLA 43.81 312 eP 04 29.50 1.2
EMUT 44.77 322 eP 04 37.22 0.9
ARUT 45.25 318 eP 04 39.65 -0.4
DAU 45.40 323 eP 04 41.25 -0.2
PEC 45.92 311 eP 04 46.75 1.5
1.2s 14.12nm 4.8mb

DUG 46.22 321 eP 04 48.33 0.7
0.7s 3.72nm 4.5mb
GSC 46.31 313 (P) 04 45.42 -2.9X
PTI 47.58 325 eP 04 58.56 0.2
HHA 47.85 325 (P) 05 00.97 0.5
BONR 48.63 316 eP 05 08.12 1.3
LRM 49.50 328 eP 05 12.70 -0.6
LBFM 52.68 318 eP 05 37.35 -0.1
VGB 54.04 323 eP 05 47.95 0.7
YKA 61.98 341 P 06 39.20 -3.5X
0.9s 4.80nm 4.7mb

KIC 71.54 86 P 07 45.00 0.8
KHC 85.12 41 eP 09 02.00 4.0X
1.1s 4.00nm 4.6mb
GEC2 85.22 42 P 09 01.80 3.2X
1.0s 2.51nm 4.4mb

HYB 145.73 45 ePKP 16 01.50 -0.3
ASPA 146.10 237 ePKP 16 02.80 0.5
0.9s 4.40nm
WRA 147.10 244 PKP 16 04.70 0.8
0.7s 1.70nm

S.D. = 1.1 on 39 of 51 obs.
% OCT 27, 1992 23h 46m 16.38 ± 0.76s
38.940 N ± 7.1km 28.595 E ± 7.0km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
KHL 0.95 130 ePn 46 35.00 0.4
IZM 1.18 243 ePn 46 38.00 -0.4
ALT 1.19 84 iPn 46 38.30 -0.3
KCT 1.32 352 iPn 46 40.40 -0.4
EDC 1.51 338 ePn 46 44.50 1.0
YLV 1.73 20 ePn 46 46.40 -0.4
S.D. = 0.7 on 6 of 6 obs.

? OCT 28, 1992 00h 11m 00.32 ± 1.03s
42.594 N ± 7.2km 13.242 E ± 10.5km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)
AQU 0.27 154 P 11 06.00 0.0
eSg 11 09.70
MNS 0.47 243 Pc 11 09.80 0.0
eSg 11 17.40
ASS 0.64 318 P 11 13.20 0.0
eSg 11 23.40
ARV 0.93 346 P 11 18.10 0.0
eSg 11 32.90
SDI 0.98 154 P 11 22.20 3.2X
eSg 11 33.90

S.D. = 0.0 on 4 of 5 obs.
* OCT 28, 1992 00h 18m 33.85 ± 1.94s
24.798 N ± 10.6km 122.008 E ± 21.5km
DEPTH = 88.7 ± 14.6 km
TAIWAN REGION (243)
TWC 0.24 218 iPd 18 47.50 -0.1
eS 18 57.00
TWZ 0.49 307 ePc 18 48.90 0.3
TWQ 1.19 244 iPc 18 56.30 0.3
TWF1 1.58 204 eP 19 00.60 -0.4
TWK 2.06 223 ePc 19 07.30 -0.2
QZH 3.11 273 Pnd 19 20.10 -1.5
Sn 19 52.90
SSE 6.32 354 Pc 20 05.20 -0.9
S 21 16.50
WHN 8.88 312 eP 20 40.50 -0.8
GYA 13.94 280 P 21 50.00 1.2
S 24 19.00
XAN 14.65 312 eP 22 00.00 2.2
CD2 17.24 295 iPc 22 29.60 -0.8
S.D. = 1.3 on 11 of 11 obs.

% OCT 28, 1992 01h 45m 13.11 ± 1.38s
18.976 N ± 14.0km 102.765 W ± 12.4km
DEPTH = 25.6 ± 10.3 km
MICHOCAN, MEXICO (57)
CGX 0.98 318 iP 45 32.00 0.7
iS 45 48.00
MRX 1.65 64 iP 45 41.50 0.7
iS 46 02.00
AGX 2.92 8 eP 45 57.50 -1.3
iS 46 03.00 0.1
iS 46 42.00
UNM 3.40 83 (P) 46 06.00 -0.1
ACX 3.47 127 eP 46 06.00 -0.8
PPM 3.92 88 eP 46 14.00 0.5
IIT 4.22 89 (P) 46 21.00 3.4X
IISM 5.10 89 (P) 46 30.00 0.2
S.D. = 1.0 on 8 of 9 obs.

OCT 28, 1992 02h 26m 10.21 ± 0.36s
43.700 N ± 4.2km 10.863 E ± 2.6km
DEPTH = 10.5 ± 2.0 km
CENTRAL ITALY (381)
ML 2.8 (LDG). Felt in the
Empoli-Fucecchio-Vinci area.
PII 0.25 275 Pc 26 16.70 1.2
eSg 26 20.40
BDI 0.41 332 Pd 26 18.50 -0.1
eSg 26 24.50
MME 0.51 347 Pc 26 20.50 -0.1
eSg 26 27.00
PGD 0.65 74 P 26 22.60 -0.6
eSg 26 31.30
SFI 0.75 73 P 26 24.10 -0.7
eSg 26 33.50
CRE 0.79 95 P 26 26.00 0.3
eSg 26 35.90
ASS 1.45 115 P 26 37.20 0.7
BOB 1.47 317 P 26 38.10 1.3
eSn 26 56.90
ARV 1.52 97 P 26 37.40 -0.1
eSn 26 59.30
PGF 1.78 230 Pn 26 42.50 1.2
PCP 1.87 298 P 26 42.06 -0.4
S 27 07.83
MNS 1.87 134 P 26 42.60 0.1
FIN 1.98 286 P 26 43.30 -0.8
CKI 2.00 292 P 26 43.80 -0.5
IMI 2.16 277 P 26 46.00 -0.8
MDI 2.23 339 P 26 48.20 0.5
ROB 2.24 286 P 26 47.14 -0.7
CTI 2.41 13 P 26 50.40 0.0

S.D. = 0.2 on 5 of 5 obs.
* OCT 28, 1992 02h 42m 14.23 ± 1.15s
40.967 N ± 15.4km 72.845 E ± 14.3km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)
KYRGYZSTAN (716)
QUE 11.77 206 eP 45 03.00 0.0
NDI 12.77 162 eP 45 05.00 -11.1X
GKN 16.16 140 P 46 01.40 0.8
KKN 16.65 138 P 46 05.40 -1.5
DMN 16.71 139 P 46 08.00 0.3
PKI 16.90 138 P 46 10.50 0.4
HFS 40.56 319 eP 49 51.70 0.0
0.5s 1.30nm 3.9mb
S.D. = 1.0 on 6 of 7 obs.

? OCT 28, 1992 04h 30m 00.85 ± 1.01s
42.657 N ± 6.9km 13.185 E ± 10.7km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)
AQU 0.34 152 P 30 08.00 0.0
eSg 30 12.80
MNS 0.46 234 P 30 10.20 -0.1
eSg 30 17.00
ASS 0.56 317 P 30 12.50 0.1
eSg 30 21.40

BOG 3.55 129 eS 57 56.18
iPd 57 22.00 5.1X
iS 58 08.00
ECO 3.76 311 eP 57 17.86 -1.9
SILC 4.19 173 iPd 57 26.90 0.7
PURC 4.55 174 eP 57 33.04 1.7
PSO 5.67 185 eP 57 51.50 4.4X
DVD 5.79 286 eP 57 47.48 -0.8
BRU 6.00 289 eP 57 50.31 -1.4
SDV 6.45 72 iPd 57 57.10 -0.9
TOV 7.54 67 ePd 58 11.70 -1.3
iPP 58 12.20
iS 59 33.40

* OCT 28, 1992 00h 18m 33.85 ± 1.94s
24.798 N ± 10.6km 122.008 E ± 21.5km
DEPTH = 88.7 ± 14.6 km
TAIWAN REGION (243)
TWC 0.24 218 iPd 18 47.50 -0.1
eS 18 57.00
TWZ 0.49 307 ePc 18 48.90 0.3
TWQ 1.19 244 iPc 18 56.30 0.3
TWF1 1.58 204 eP 19 00.60 -0.4
TWK 2.06 223 ePc 19 07.30 -0.2
QZH 3.11 273 Pnd 19 20.10 -1.5
Sn 19 52.90
SSE 6.32 354 Pc 20 05.20 -0.9
S 21 16.50
WHN 8.88 312 eP 20 40.50 -0.8
GYA 13.94 280 P 21 50.00 1.2
S 24 19.00
XAN 14.65 312 eP 22 00.00 2.2
CD2 17.24 295 iPc 22 29.60 -0.8
S.D. = 1.3 on 11 of 11 obs.

% OCT 28, 1992 01h 45m 13.11 ± 1.38s
18.976 N ± 14.0km 102.765 W ± 12.4km
DEPTH = 25.6 ± 10.3 km
MICHOCAN, MEXICO (57)
CGX 0.98 318 iP 45 32.00 0.7
iS 45 48.00
MRX 1.65 64 iP 45 41.50 0.7
iS 46 02.00
AGX 2.92 8 eP 45 57.50 -1.3
iS 46 03.00 0.1
iS 46 42.00
UNM 3.40 83 (P) 46 06.00 -0.1
ACX 3.47 127 eP 46 06.00 -0.8
PPM 3.92 88 eP 46 14.00 0.5
IIT 4.22 89 (P) 46 21.00 3.4X
IISM 5.10 89 (P) 46 30.00 0.2
S.D. = 1.0 on 8 of 9 obs.

OCT 28, 1992 02h 26m 10.21 ± 0.36s
43.700 N ± 4.2km 10.863 E ± 2.6km
DEPTH = 10.5 ± 2.0 km
CENTRAL ITALY (381)
ML 2.8 (LDG). Felt in the
Empoli-Fucecchio-Vinci area.
PII 0.25 275 Pc 26 16.70 1.2
eSg 26 20.40
BDI 0.41 332 Pd 26 18.50 -0.1
eSg 26 24.50
MME 0.51 347 Pc 26 20.50 -0.1
eSg 26 27.00
PGD 0.65 74 P 26 22.60 -0.6
eSg 26 31.30
SFI 0.75 73 P 26 24.10 -0.7
eSg 26 33.50
CRE 0.79 95 P 26 26.00 0.3
eSg 26 35.90
ASS 1.45 115 P 26 37.20 0.7
BOB 1.47 317 P 26 38.10 1.3
eSn 26 56.90
ARV 1.52 97 P 26 37.40 -0.1
eSn 26 59.30
PGF 1.78 230 Pn 26 42.50 1.2
PCP 1.87 298 P 26 42.06 -0.4
S 27 07.83
MNS 1.87 134 P 26 42.60 0.1
FIN 1.98 286 P 26 43.30 -0.8
CKI 2.00 292 P 26 43.80 -0.5
IMI 2.16 277 P 26 46.00 -0.8
MDI 2.23 339 P 26 48.20 0.5
ROB 2.24 286 P 26 47.14 -0.7
CTI 2.41 13 P 26 50.40 0.0

S.D. = 0.9 on 43 of 44 obs.
% OCT 28, 1992 02h 40m 53.11 ± 0.76s
44.461 N ± 6.3km 7.294 E ± 8.6km
DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
ML 1.5 (GEN).
PZZ 0.14 288 P 40 56.50 -0.1
S 40 58.67
STV 0.22 174 P 40 57.89 0.0
S 41 01.10
ENR 0.25 159 P 40 58.64 0.1
S 41 02.29
BHB 0.38 357 P 41 01.05 0.1
S 41 05.12
ROB 0.45 112 P 41 02.06 -0.1
S.D. = 0.2 on 5 of 5 obs.

* OCT 28, 1992 02h 42m 14.23 ± 1.15s
40.967 N ± 15.4km 72.845 E ± 14.3km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)
KYRGYZSTAN (716)
QUE 11.77 206 eP 45 03.00 0.0
NDI 12.77 162 eP 45 05.00 -11.1X
GKN 16.16 140 P 46 01.40 0.8
KKN 16.65 138 P 46 05.40 -1.5
DMN 16.71 139 P 46 08.00 0.3
PKI 16.90 138 P 46 10.50 0.4
HFS 40.56 319 eP 49 51.70 0.0
0.5s 1.30nm 3.9mb
S.D. = 1.0 on 6 of 7 obs.

? OCT 28, 1992 04h 30m 00.85 ± 1.01s
42.657 N ± 6.9km 13.185 E ± 10.7km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)
AQU 0.34 152 P 30 08.00 0.0
eSg 30 12.80
MNS 0.46 234 P 30 10.20 -0.1
eSg 30 17.00
ASS 0.56 317 P 30 12.50 0.1
eSg 30 21.40

S.D. = 1.0 on 6 of 7 obs.
* OCT 28, 1992 02h 42m 14.23 ± 1.15s
40.967 N ± 15.4km 72.845 E ± 14.3km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)
KYRGYZSTAN (716)
QUE 11.77 206 eP 45 03.00 0.0
NDI 12.77 162 eP 45 05.00 -11.1X
GKN 16.16 140 P 46 01.40 0.8
KKN 16.65 138 P 46 05.40 -1.5
DMN 16.71 139 P 46 08.00 0.3
PKI 16.90 138 P 46 10.50 0.4
HFS 40.56 319 eP 49 51.70 0.0
0.5s 1.30nm 3.9mb
S.D. = 1.0 on 6 of 7 obs.

? OCT 28, 1992 04h 30m 00.85 ± 1.01s
42.657 N ± 6.9km 13.185 E ± 10.7km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)
AQU 0.34 152 P 30 08.00 0.0
eSg 30 12.80
MNS 0.46 234 P 30 10.20 -0.1
eSg 30 17.00
ASS 0.56 317 P 30 12.50 0.1
eSg 30 21.40

S.D. = 1.0 on 6 of 7 obs.
* OCT 28, 1992 02h 42m 14.23 ± 1.15s
40.967 N ± 15.4km 72.845 E ± 14.3km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)
KYRGYZSTAN (716)
QUE 11.77 206 eP 45 03.00 0.0
NDI 12.77 162 eP 45 05.00 -11.1X
GKN 16.16 140 P 46 01.40 0.8
KKN 16.65 138 P 46 05.40 -1.5
DMN 16.71 139 P 46 08.00 0.3
PKI 16.90 138 P 46 10.50 0.4
HFS 40.56 319 eP 49 51.70 0.0
0.5s 1.30nm 3.9mb
S.D. = 1.0 on 6 of 7 obs.

? OCT 28, 1992 04h 30m 00.85 ± 1.01s
42.657 N ± 6.9km 13.185 E ± 10.7km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)
AQU 0.34 152 P 30 08.00 0.0
eSg 30 12.80
MNS 0.46 234 P 30 10.20 -0.1
eSg 30 17.00
ASS 0.56 317 P 30 12.50 0.1
eSg 30 21.40

S.D. = 1.0 on 6 of 7 obs.
* OCT 28, 1992 02h 42m 14.23 ± 1.15s
40.967 N ± 15.4km 72.845 E ± 14.3km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)
KYRGYZSTAN (716)
QUE 11.77 206 eP 45 03.00 0.0
NDI 12.77 162 eP 45 05.00 -11.1X
GKN 16.16 140 P 46 01.40 0.8
KKN 16.65 138 P 46 05.40 -1.5
DMN 16.71 139 P 46 08.00 0.3
PKI 16.90 138 P 46 10.50 0.4
HFS 40.56 319 eP 49 51.70 0.0
0.5s 1.30nm 3.9mb
S.D. = 1.0 on 6 of 7 obs.

? OCT 28, 1992 04h 30m 00.85 ± 1.01s
42.657 N ± 6.9km 13.185 E ± 10.7km
DEPTH = 10.0km (geophysicist)

ARV 0.86 348 P 30 17.30 -0.1
eSg 30 31.50
S.D. = 0.2 on 4 of 4 obs.

% OCT 28, 1992 05h 09m 30.10±0.68s
42.823 N ± 4.9km 18.635 E ± 5.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.9 (TTG).

BRY 0.10 319 iPgc 09 33.37 0.4
iSg 09 36.43
NKY 0.27 92 iPgd 09 36.02 0.2
iSg 09 41.57
HCY 0.39 195 iPgc 09 37.65 -0.4
iSg 09 44.95
BDV 0.56 165 iPgd 09 41.20 -0.2
iSg 09 51.41
TTG 0.61 130 iPgc 09 42.37 0.0
iSg 09 52.87
PLE 0.75 47 iPgd 09 44.26 -0.6
iSg 09 56.26
IVA 0.93 87 iPgc 09 47.93 0.0
iSg 10 03.27
ULC 0.97 152 iPgc 09 49.13 0.5
iSg 10 04.57
PVY 1.01 103 iPgd 09 49.40 0.0
iSg 10 05.87
S.D. = 0.4 on 9 of 9 obs.

? OCT 28, 1992 06h 18m 10.68±5.85s
33.430 S ± 11.5km 72.505 W ± 46.0km
DEPTH = 24.2 ± 6.6 km
OFF COAST OF CENTRAL CHILE (134)
MD 3.8 (SAN).

LCCH 0.78 94 iP 18 24.74 -0.8
iS 18 35.76
JHA 0.83 61 eP 18 26.50 0.2
iS 18 38.30
LNV 1.05 120 iPd 18 29.59 -0.3
iS 18 45.48
TACH 1.33 100 iP 18 33.33 -0.5
iS 18 51.43
ROCH 1.33 70 iP 18 33.53 -0.5
iS 18 51.37
PEL 1.55 80 iP 18 37.38 0.3
iS 18 57.61
CHCH 1.62 109 eP 18 38.23 0.1
PCH 1.67 97 iPd 18 38.87 0.0
iS 19 02.46
JACH 1.77 66 eP 18 39.54 -0.7
iS 19 04.68
FCH 1.86 87 iPd 18 41.98 0.2
iS 19 07.19
S.D. = 0.5 on 10 of 10 obs.

& OCT 28, 1992 06h 22m 32.44s
59.794 N 152.614 W
DEPTH = 85.1km
SOUTHERN ALASKA (2)
<AEIC>.

OPT 0.34 246 iPd 22 45.06 -0.7
eS 22 53.87
INE 0.35 320 eP 22 45.10 -0.9
eS 22 54.84
INW 0.38 317 eP 22 45.34 -0.8
eS 22 56.01
HOM 0.51 105 iPc 22 46.28 -0.6
eS 22 57.49
XLV 0.57 127 eP 22 46.27 -1.2
AUE 0.58 222 iPd 22 46.83 -0.7
AUL 0.59 226 iPd 22 46.95 -0.7
AUP 0.60 224 iPd 22 47.16 -0.7
AUH 0.60 225 iPd 22 47.15 -0.7
AUW 0.61 226 iPd 22 47.23 -0.6
AUI 0.62 222 iPd 22 47.13 -0.8
eS 22 58.76
RED 0.63 353 ePc 22 47.48 -0.7
eS 22 58.94
RS1 0.67 354 eP 22 48.11 -0.6
eS 22 59.99
RSO 0.67 354 eP 22 48.14 -0.6
RS2 0.68 354 eP 22 48.12 -0.6
eS 23 00.74
REF 0.70 356 ePd 22 48.35 -0.6

RDN 0.73 354 eS 23 00.35
eP 22 48.67 -0.5
eS 23 00.89
CNPM 0.75 110 iPc 22 48.39 -0.9
eS 23 00.86
NCT 0.79 349 eP 22 48.99 -0.8
RDT 0.79 7 ePd 22 48.87 -0.9
PDB 0.80 270 iPd 22 48.90 -0.9
eS 23 01.62
DFR 0.80 357 ePd 22 49.31 -0.6
eS 23 02.12
BRLK 0.87 91 eP 22 49.60 -1.1
eS 23 02.63
CDD 1.01 212 iPd 22 51.25 -1.0
MCNL 1.07 236 iPd 22 51.79 -1.1
eS 23 06.67
NKA 1.17 35 ePc 22 55.44 1.3
SYI 1.19 174 ePd 22 53.77 -0.6
eS 23 10.26
BKG 1.29 8 ePd 22 55.33 -0.4
eS 23 12.87
SLKM 1.39 58 eP 22 56.16 -0.9
CKL 1.41 5 iPd 22 57.01 -0.4
SPU 1.42 11 iPd 22 56.97 -0.4
eS 23 15.85
CKT 1.43 8 ePd 22 57.07 -0.4
CKN 1.45 8 ePd 22 57.59 -0.2
BGL 1.48 4 ePd 22 57.92 -0.3
CP2 1.49 7 ePd 22 58.25 -0.2
CRP 1.50 9 ePd 22 58.24 -0.2
CGLM 1.55 11 ePd 22 58.83 -0.3
SEW 1.62 78 eP 22 58.77 -1.2
NCG 1.63 8 ePd 22 59.94 -0.3
MPA 1.77 65 ePc 23 01.34 -0.6
SUA 1.91 28 ePd 23 03.76 -0.2
SVW 1.99 313 P 23 04.10 -0.8
PTE 2.08 57 ePc 23 05.11 -1.0
PMS 2.10 45 P 23 05.80 -0.6
SKT 2.26 13 ePd 23 07.85 -0.7
PWA 2.30 35 P 23 08.80 -0.2
LTI 2.41 82 eP 23 09.04 -1.6
PLRM 2.49 42 eP 23 10.13 -1.5
KNIM 2.51 75 eP 23 09.45 -2.5
KNK 2.62 50 eP 23 11.82 -1.6
GHO 2.69 41 eP 23 13.27 -1.2
SML 2.91 44 eP 23 16.07 -1.5
GLI 2.95 66 eP 23 14.91 -3.2
FID 3.20 70 eP 23 17.86 -3.7
54 obs. associated

* OCT 28, 1992 06h 22m 50.20±1.65s
16.479 S ± 14.6km 73.770 W ± 16.2km
DEPTH = 33.0km (normal)
NEAR COAST OF PERU (115)

ARE 2.19 90 iPc 23 25.20 0.0
iS 23 48.80
NNA 5.37 326 eP 24 21.00 10.8X
0.6s 13.33nm
ZOBO 5.42 89 iPc 24 11.80 0.4
S 25 18.00
LPB 5.44 91 P 24 11.80 0.3
1.0s 404.00nm 5.9mb X
CNCB 5.56 94 Pc 24 13.10 -0.2
ANT 7.85 157 eP 24 45.00 0.1
BAO 24.78 92 Pd 28 07.00 -3.8X
e 28 09.80
e 28 12.70
e 28 14.00
e 28 19.00
VAO 26.02 109 eP 28 19.30 -3.0X
PDCR 33.75 88 eP 29 30.00 -1.1
MSU 65.48 328 eP 33 29.11 -3.5X
LIC 71.61 78 P 34 11.10 0.2
KIC 71.92 77 P 34 13.20 0.4
SES 74.21 336 eP 34 33.00 7.5X
S.D. = 0.6 on 8 of 13 obs.

? OCT 28, 1992 06h 39m 22.93±12.21s
19.294 N ± 101.1km 66.480 W ± 13.2km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)
APR 0.87 196 iP 39 39.10 0.3
LRS 1.05 199 iP 39 41.20 -0.3
LPR 1.14 149 iP 39 42.70 0.1

S 39 55.00
CLLP 1.21 184 iP 39 43.80 0.2
SJJ 1.22 165 iP 39 43.60 -0.1
PORP 1.24 187 iP 39 43.90 -0.2
CPD 1.36 157 iP 39 45.80 0.0
MGP 1.40 204 iP 39 46.40 0.0
S.D. = 0.2 on 8 of 8 obs.

? OCT 28, 1992 06h 49m 09.78±6.92s
41.603 N ± 39.3km 24.107 E ± 33.6km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
ML 2.6 (THE).

SRS 0.62 219 ePg 49 22.28 0.0
eSg 49 35.20
SOH 0.97 216 ePb 49 28.36 0.2
KNT 1.01 245 ePb 49 28.64 -0.3
iSb 49 45.36
OUR 1.27 184 iPb 49 33.24 -0.1
eSb 49 52.80
GRG 1.44 244 ePb 49 36.10 0.2
eSb 49 57.40
S.D. = 0.3 on 5 of 5 obs.

OCT 28, 1992 07h 02m 09.31±0.13s
19.004 N ± 2.9km 96.277 E ± 2.4km
DEPTH = 33.8km (11 depth phases)
5.6mb (117 obs.) 5.2msz (31 obs.)
MYANMAR (296)

Felt in Chiang Mai and Mae Hong
Son Provinces and at Bangkok,
Thailand.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 39C
Centroid Location:
Origin Time 07:02:11.3 0.5
Lat 18.88N FIX; Lon 96.29E FIX
Dep 48.9 5.3 Half-duration 1.2
Moment Tensor; Scale 10¹⁷ Nm
Mrr = 0.40 0.19 Mtt = -1.19 0.12
Mff = 0.79 0.24 Mrt = -0.31 0.14
Mrf = 0.48 0.12 Mtf = 0.97 0.20
Principal Axes:
T Val = 1.31 P1g = 22 Azm = 289
N 0.37 65 142
P -1.69 13 24
Best Double Couple: Mo = 1.5 × 10¹⁷
NP1: Strike = 68 Dip = 65 Slip = 7
NP2: 335 84 155

CHG 2.53 94 iPnc 02 45.70 -3.3X
iSg 03 21.90
BDT 3.13 124 ePg 02 52.50 -4.9X
e 02 59.50
KHT 4.74 152 ePn 03 14.50 -5.9X
ePg 03 31.30
eSg 04 07.50
NST 4.95 131 ePn 03 21.50 -1.9
e 03 24.00
LOE 5.42 106 ePn 03 27.00 -3.0X
ePg 03 47.00
eSg 05 03.00
NNT 7.19 152 ePn 03 50.80 -4.1X
e 03 59.00
e 04 40.00
KMI 8.54 43 Pd 04 16.00 2.1
sP 04 28.00
LSA 11.63 337 P 04 55.50 -0.9
2.5s 1050.00nm 6.6mb
N 10s 7.10um
S 07 07.00
GYA 12.12 50 iPc 05 03.00 0.3
1.0s 38.00nm 5.5mb
Z 14s 34.50um 6.5msz
N 10s 58.00um
E 10s 38.90um
SNG 12.49 160 eP 05 03.50 -4.1X
1.5s 233.33nm 6.1mb
eS 07 35.50
GUN 13.02 315 P 05 12.40 -2.5X
PKI 13.12 313 P 05 13.70 -2.6X
KKN 13.35 313 P 05 15.80 -3.4X
DMN 13.36 312 P 05 16.40 -3.0X
BSI 13.46 184 ePd 05 22.00 1.5
1.0s 277.40nm 6.1mb

		1.7s	400.00nm			6.0mb
			e	15	21.00	
TSRJ		38.65	57 eP	09	31.70	0.2
BRVK		39.52	335 iPc	09	38.00	-0.5
		1.3s	65.00nm			5.2mb
	Z	16s	2.68um			5.2MszzX
	N	16s	1.77um			
	E	16s	1.53um			
SWI		39.62	116 ePd	09	39.50	-0.2
KAT		39.93	309 iP+	09	43.00	1.0
			i	11	18.00	526kmX
			ePPP	11	41.00	
			iS	15	46.00	
			eSS	18	34.00	
			e	19	05.00	
			e	19	44.00	
MTMJ		40.34	56 eP	09	46.20	0.6
MAT		40.65	56 eP	09	47.00	-1.0
		1.5s	33.33nm			4.9mb
	Z	20s	3.90um			5.3Mszz
			eS	16	00.00	
BOD		40.98	15 eP	09	50.70	0.3
		1.4s	46.00nm			5.0mb
SHI		41.04	294 eP	09	53.00	1.5
NANU		45.39	155 eP	10	25.00	-1.6
SHE		45.96	309 iPd	10	33.00	2.0
		1.0s	210.00nm			6.0mb
	Z	16s	1.00um			4.9MszzX
	N	17s	1.40um			
	E	16s	1.20um			
MBL		46.10	149 eP	10	31.00	-1.2
SVE		46.11	334 iPc	10	32.00	0.1
		2.0s	340.00nm			5.9mb
	Z	20s	1.50um			4.9Mszz
	N	20s	1.00um			
	E	20s	1.50um			
			e	12	08.00	512kmX
			eS	17	12.00	
			e	20	27.00	
MTN		46.70	130 eP	10	35.80	-1.3
ARU		46.73	332 iPc	10	37.00	0.2
		2.0s	550.00nm			6.2mb
	Z	16s	2.00um			5.2MszzX
	N	16s	1.00um			
	E	16s	2.00um			
			e	10	46.00	30km
			eS	12	26.00	
			eS	17	25.00	
			eSS	20	33.00	
YSS		46.99	43 eP	10	39.00	0.1
	Z	13s	5.30um			5.7MszzX
	N	14s	3.40um			
	E	12s	4.20um			
			e	12	14.00	501kmX
			eS	17	30.00	
TAB		47.21	305 iP+	10	42.00	0.9
GRS		47.45	307 iPc	10	43.00	0.0
		1.1s	90.00nm			5.7mb
	N	16s	0.32um			
	E	16s	0.96um			
			eS	17	36.00	
GRO		48.73	311 iPc+	10	54.00	1.3
		1.5s	720.00nm			6.5mb
			iS	17	58.00	
YAK		48.87	20 iPc	10	52.70	-0.7
		0.7s	86.00nm			5.9mb
	Z	12s	6.40um			5.8MszzX
	E	11s	4.20um			
			e	11	09.00	64kmX
			e	17	56.00	
ERE		48.96	307 iP	10	56.00	1.4
			i	12	54.00	680kmX
			eS	17	59.00	
MTA		49.02	309 iP	10	55.20	0.3
	N	18s	0.50um			
	E	18s	0.50um			
			i	12	50.20	652kmX
			eS	18	02.20	
NRI		50.64	356 iPc	11	05.40	-1.4
		1.7s	197.00nm			5.8mb
	Z	20s	2.80um			5.3Mszz
			e	11	13.00	25km
			i	12	23.00	
			i			

KIV	50.99	312	iPc	11	10.70	0.6		Z	20s	1.00um	5.0Msz		Z	24s	1.20um	5.1MszX					
	1.0s	486.00nm				6.4mb		E	20s	1.50um			N	22s	0.80um						
		iS		18	28.30					i	13	01.00	E	24s	0.80um						
WRA	53.77	134	P	11	29.50	-1.4				e	13	23.00			e	13	36.00	29km			
	0.9s	12.70nm				4.9mb				eS	21	32.00	NB2	71.19	329	P	13	25.80	-0.8		
KLB	54.37	157	eP	11	33.00	-2.1		VAY	65.62	307	iP	12	51.40		0.8s	53.10nm			5.6mb		
SVST	54.68	306	eP	11	39.10	1.5			1.3s	161.00nm		6.0mb	CLL	71.24	319	iPc	13	27.00	-0.1		
AKKT	54.70	307	eP	11	38.70	0.8		VLI	65.76	302	eP	12	52.10		1.7s	120.00nm			5.7mb		
COOL	55.06	154	eP	11	39.00	-1.3		GRG	65.77	307	eP	12	52.14		VOY	71.36	313	iPc	13	27.80	-0.3
MDSJ	55.10	296	Pd	11	32.16	-8.6X		LIT	65.78	306	eP	12	51.82		NAO	71.40	329	P	13	26.29	-1.5
TRHT	55.30	306	eP	11	42.50	0.3		AGG	66.00	305	eP	12	52.62		ATN	71.45	305	P	13	29.20	0.6
JARJ	55.34	296	Pd	11	34.18	-8.3X		KZN	66.31	306	eP	12	55.40			1.1s	58.70nm			5.5mb	
SHMJ	55.48	297	Pc	11	35.46	-8.0X		SKO	66.41	308	iP	12	56.00		TRI	71.50	313	eP	13	28.00	-0.7
HRI	55.49	298	iPc	11	43.50	-0.1			1.2s	118.00nm		5.9mb	BRS	71.56	129	iPc	13	32.00	2.6X		
BHL	55.55	298	P	11	44.00	0.0		Z	19s	0.76um		4.9Msz			1.0s	7.00nm			4.6mb		
		S		19	32.00					i	12	57.40	KBA	71.59	314	iPc	13	28.70	-0.8		
MASJ	55.55	296	Pd	11	35.26	-8.8X				LR	46	31.00		0.9s	31.00nm				5.3mb		
SALJ	55.57	296	Pd	11	35.44	-8.7X		FNA	66.56	307	eP	12	57.22		WET	71.61	317	iPc	13	29.50	0.1
ATZ	55.89	297	eP	11	46.60	0.2		STK	66.68	139	P	12	59.00			1.6s	203.00nm			5.9mb	
TIK	55.96	12	iPc+	11	44.80	-1.5		OJC	67.04	317	eP	13	00.30		FVI	72.04	314	P	13	30.80	-1.1
	2.0s	156.00nm				5.7mb			0.8s	78.00nm		5.9mb	HOF	72.09	318	iPc	13	32.30	0.1		
		eS		19	32.00					i	13	01.70	SDI	72.09	309	P	13	31.00	-1.5		
ASPA	56.09	138	iPd	11	46.60	-1.2		PSZ	67.09	315	ePc	13	01.00	MOX	72.20	318	iPc	13	32.90	0.0	
	1.5s	31.50nm				5.1mb		ADE	67.11	143	e(P)	13	02.40		2.0s	155.00nm			5.7mb		
MGD	56.27	29	eP	11	46.50	-2.2		PHP	67.18	308	eP	13	01.40		Z	20s	0.80um			5.0Msz	
	0.8s	40.00nm				5.5mb		LSK	67.21	306	eP	13	01.00		N	20s	0.80um				
	14s	2.40um				5.4MszX		PVY	67.44	309	iPc	13	03.76		E	21s	0.60um				
	N	14s	1.40um					IVA	67.47	309	iPc	13	04.60			eS	23	00.00			
	E	14s	2.60um					TIR	67.64	308	eP	13	03.00								
		e		12	45.00	265kmX		TPE	67.65	307	eP	13	02.50	AQU	72.29	309	P	13	33.70	0.1	
		eS		19	36.00			BUD	67.70	314	eP	13	05.50	ARV	72.43	311	P	13	34.40	0.0	
		e		21	34.00			LACI	67.73	308	iPd	13	05.00	ARMA	72.44	132	iPd	13	36.00	1.3	
CTK	56.35	307	eP	11	50.70	0.9		SMY	67.77	40	e(P)	13	02.10		1.0s	26.00nm			5.2mb		
RMN	56.55	294	iPc	11	50.90	-0.4		PLE	67.79	310	iPc	13	06.84	GRF	72.60	317	iPc	13	36.20	1.0	
KART	56.78	307	eP	11	53.80	0.9		SDA	67.84	308	eP	13	09.20		1.4s	219.00nm			6.0mb		
MOS	56.95	325	iPc	11	52.00	-1.6		KEK	67.88	306	eP	13	05.00		Z	22s	0.90um			5.0Msz	
	1.7s	300.00nm				6.0mb		TTG	67.98	309	iPc	13	06.39	BWA	72.67	137	eP	13	36.10	0.3	
		e		12	05.00	46kmX		ULC	68.04	308	iPc	13	05.58			e	13	40.00	13kmX		
		e		14	01.00			UPP	68.07	328	iP	13	06.70	ASS	72.70	310	P	13	35.40	-0.6	
KAS	57.19	307	iPc	11	55.70	0.0		RMO	68.11	130	iPc	13	08.40	WTTA	72.71	315	iPc	13	35.20	-1.0	
SIM	57.20	312	eP	11	54.00	-1.6			0.7s	78.00nm		5.9mb		1.0s	70.70nm				5.6mb		
	Z	20s	1.00um			4.9Msz		NKY	68.13	309	iPc	13	07.74	WATA	72.74	315	iPc	13	35.20	-1.1	
		eS		19	47.00			SRO	68.16	315	iP	13	08.80		i	13	47.60	42km			
OBN	57.36	324	iPc	11	55.20	-1.2		BDV	68.31	309	iPc	13	08.28	FUR	72.80	316	iPd	13	37.60	1.1	
	1.8s	360.00nm				6.1mb		BRY	68.45	309	iPc	13	09.71		1.2s	105.00nm			5.7mb		
CSS	57.45	300	eP	11	57.00	-0.5		HCY	68.54	309	iPc	13	09.54	MNS	72.81	310	P	13	35.70	-0.9	
PMG	57.56	115	eP	11	57.00	-1.4		ZST	68.93	315	iP	13	12.20	TOO	72.87	141	iPd	13	37.60	0.7	
NAL	59.02	306	eP	12	08.90	0.3		CMS	69.13	136	iPc	13	14.00		0.9s	40.00nm			5.4mb		
GYN	59.47	306	eP	12	12.40	0.8			1.0s	19.00nm		5.1mb	SOTA	73.01	315	iPc	13	36.80	-1.0		
ELL	60.17	302	iP	12	16.10	-0.4		VRAC	69.17	316	iPc	13	14.80		0.7s	50.50nm			5.6mb		
KIS	61.01	314	iPc+	12	20.00	-1.8			1.8s	143.70nm		5.7mb	CRE	73.11	311	P	13	38.70	0.2		
	2.0s	600.00nm				6.4mb				e	13	15.60	SFI	73.13	311	P	13	39.40	1.0		
	Z	20s	1.20um			5.0Msz		KSP	69.23	318	iPc	13	15.10	OGA	73.19	314	iPc	13	33.50	-5.5X	
		e		16	08.00				1.0s	86.00nm		5.8mb		0.8s	29.00nm				5.3mb		
CFR	61.44	312	eP	12	22.50	-2.2		VKA	69.45	315	iPc	13	16.20	PGD	73.23	311	P	13	40.52	1.3	
PUL	61.69	328	ePd	12	27.00	0.8			3.0s	560.00nm		6.1mb	FIR	73.58	311	eP	13	41.00	0.0		
	1.6s	180.00nm				6.0mb				i	13	26.40	CAN	73.60	137	eP	13	40.50	-0.7		
	Z	20s	1.90um			5.2Msz		HVAR	69.95	310	iP	13	18.30		1.0s	262.50nm			6.2mb		
	N	20s	0.40um					ZAG	69.95	313	eP	13	19.50	SAL	73.76	313	P	13	43.10	1.1	
	E	20s	1.90um					PTJ	69.95	313	iP	13	19.40	OSS	73.82	314	iPc	13	42.60	0.0	
		eSS		27	25.00			HFS	70.04	328	eP	13	18.50	CNB	73.83	137	eP	13	43.00	0.4	
CLI	62.08	313	iPc	12	28.50	-0.6			0.4s	5.10nm		5.0mb		0.8s	34.00nm				5.4mb		
MNK	62.34	321	eP	12	28.00	-2.6X			Z	18s	714.00um		8.0MszX	MME	73.90	312	P	13	44.88	1.7	
	Z	20s	2.10um			5.3Msz				LR	44	15.00		1.5s	466.10nm				6.3mb		
VRI	62.45	312	iPc	12	31.00	-0.6		PRU	70.43	317	Pc	13	22.40	BDI	74.00	312	P	13	43.20	-0.4	
CTA	62.52	126	P	12	32.20	-0.1			1.5s	86.40nm		5.6mb	PII	74.11	311	P	13	42.60	-1.5		
ISR	62.57	312	eP	12	33.00	0.5			Z	24s	0.80um		4.9MszX	MDI	74.28	313	P	13	44.50	-0.5	
PTT	62.70	314	eP	12	27.00	-6.2X				e	13	54.50	VDL	74.31	314	iPc	13	45.60	0.1		
BUC	62.89	311	ePc	12	34.00	-0.5				e	14	47.20	LLS	74.56	315	ePc	13	46.80	-0.1		
PRK	62.92	305	eP	12	34.50	-0.3		VBY	70.49	313	iPc	13	23.20	BOB	74.67	312	P	13	47.40	0.0	
MLR	63.00	312	iPc	12	35.00	-0.4		TDS	70.53	306	P	13	23.00	SLE	74.72	316	ePc	13	47.50	-0.1	
ALN	63.02	307	eP	12	34.70	-0.7		GRI	70.60	305	P	13	23.56	TMA	74.79	314	iPc	13	47.80	-0.5	
NPS	63.74	301	eP	12	38.90	-1.4		BRG	70.71	318	iP	13	23.40	HOFF	74.83	317	P	13	48.92	0.8	
KAF	64.02	331	eP	12	40.40	-1.2			1.3s	110.00nm		5.8mb	ZLA	74.84	315	iPc	13	48.30	-0.1		
NUR	64.61	329	eP	12	44.60	-0.8				i	13	24.00	WIT	74.86	321	eP	13	50.00	1.8		
OUR	64.62	306	eP	12	45.34	-0.5		BFD	70.87	142	eP	13	24.70	VAI	74.91	314	P	13	47.90	-0.8	
SRS	64.86	307	iP	12	46.53	-1.0			1.1s	22.00nm		5.1mb	LANF	74.92	317	P	13	49.14	0.4		
PAIG	64.88	306	eP	12	46.94	-0.7		LJU	70.92	313	eP	13	25.50	WTS	74.94	320	eP	13	49.50	0.8	
SDF	64.90	336	iP	12	46.30	-0.9		KMR	70.93	315	iP+	13	24.70		1.0s	75.00nm			5.6mb		
QLP	64.95	133	iPd	12	47.90	-0.2		SOI	71.00	305	P	13	25.90	FEL	75.01	316	P	13			

28d 07h

MOF	75.60	316 P	13	52.58	-0.1	LDF	80.09	318 iPc	14	17.60	0.3	GOL	118.20	19 PKP	21	10.00	14.8X	
FIN	75.65	312 P	13	52.54	-0.5		0.8s	64.20nm			5.7mb		Z	19s	0.75um		5.3Msz	
ENN	75.74	319 eP	13	55.00	1.7	FLN	80.27	318 eP	14	18.70	0.5	ALO	122.17	22 ePKP	21	02.87	0.1	
	0.8s	23.00nm			5.2mb		0.9s	34.70nm			5.4mb		Z	20s	0.10um		4.5Msz	
DIX	75.79	314 iPc	13	54.80	0.7		Z	23s	0.98um		5.1MszX		TUC	122.77	27 ePKP	21	04.34	0.5
BSF	75.82	316 P	13	53.84	-0.2	LPO	80.39	314 eP	14	19.90	0.9		Z	20s	0.40um		5.1Msz	
WLF	75.84	318 Pc	13	54.90	1.1		1.0s	103.60nm			5.8mb		FVM	122.97	6 PKP	21	10.00	6.1X
ROB	75.87	312 P	13	53.77	-0.5	IMA	80.61	23 ePc	14	20.30	0.4		Z	20s	0.99um		5.4Msz	
LOMF	75.91	315 P	13	53.93	-0.5		1.6s	57.30nm			5.3mb		ELC	123.78	5 ePKP	21	05.92	0.4
IMI	75.94	312 P	13	54.69	0.0	ESEL	80.61	309 eP	14	21.70	1.5		NAV	123.92	357 ePKP	21	04.93	-1.0
HAU	76.08	316 iPc	13	55.30	0.0	LFF	80.62	314 eP	14	21.20	1.0		CEH	125.23	355 ePKP	21	07.75	-0.6
	1.2s	108.30nm			5.7mb		1.0s	81.20nm			5.7mb		Z	21s	0.66um		5.3Msz	
Z	22s	0.70um			4.9Msz	GRR	80.62	318 eP	14	20.60	0.5		OLY	125.30	8 ePKP	21	08.02	-0.5
RSP	76.10	313 P	13	55.10	-0.6		0.7s	22.40nm			5.3mb		MIAR	125.93	10 ePKP	21	09.67	-0.2
LSD	76.11	314 P	13	55.74	-0.1	GRBF	80.69	312 P	14	20.83	0.1		Z	19s	0.81um		5.4Msz	
EMS	76.12	314 ePc	13	56.20	0.4	MFF	80.71	316 eP	14	21.10	0.5		JSC	126.96	357 ePKP	21	11.55	-0.3
SAOF	76.16	312 P	13	55.65	-0.2		1.2s	65.45nm			5.5mb		PRM	127.19	359 ePKP	21	13.07	0.8
BHB	76.17	313 P	13	54.32	-1.6	KSR	80.81	239 iPd	14	20.50	-1.2		VAO	145.51	257 ePKP	21	46.60	0.2
ENR	76.20	312 P	13	54.96	-1.2		1.1s	87.84nm			5.7mb			e		21	48.20	
AUTN	76.25	312 P	13	56.65	0.0	LESF	80.81	312 P	14	21.63	0.4		BAO	145.76	270 PKPc	21	46.00	-1.0
DOI	76.26	313 P	13	54.60	-1.9	PRY	80.81	237 eP	14	22.00	0.3			e		21	50.90	
STV	76.26	312 P	13	54.41	-2.1	LPF	80.85	318 eP	14	22.00	0.7			e		21	51.20	
VITF	76.27	316 P	13	56.21	-0.2		1.0s	61.80nm			5.6mb			e		21	53.70	
SBF	76.27	312 P	13	56.43	-0.1	SALF	80.96	312 P	14	21.75	-0.4			e		21	57.90	
AURF	76.34	312 P	13	56.84	-0.2	TTA	81.02	26 ePc	14	22.50	0.5			e		22	00.90	
PZZ	76.36	313 P	13	56.06	-1.1		1.2s	45.00nm			5.3mb			e		22	03.40	
TOUF	76.37	312 P	13	57.38	0.1	EPF	81.47	312 eP	14	24.70	-0.1			e		22	10.00	
LPG	76.37	314 iPc	13	57.80	0.4		0.8s	14.50nm			5.0mb			e		22	16.00	
	0.9s	96.00nm			5.8mb	SVW	81.94	28 ePc	14	28.00	1.2			e		22	17.20	
LPL	76.38	314 iPc	13	57.80	0.4		1.4s	83.30nm			5.6mb			e		22	23.00	
	1.0s	105.60nm			5.8mb	EROQ	82.11	310 eP	14	29.50	1.5			e		22	26.00	
RSI	76.42	314 P	13	56.52	-1.0	DMU	82.35	324 eP	14	30.50	1.5			e		22	35.30	
MSVF	76.46	312 P	13	57.69	-0.1	DLF	82.36	324 eP	14	29.20	0.2			e		22	52.90	
RRL	76.48	313 P	13	57.25	-0.7	DCN	82.76	324 eP	14	32.00	0.9			e		23	15.90	
CRZF	76.48	210 eP	14	11.00	13.6X	FBA	83.32	23 eP	14	34.60	0.7		CAR	146.32	329 iPKPd	21	29.00	-19.0X
	ePP	19 06.00				CRP	83.38	27 eP	14	34.39	0.0		CNCB	164.86	276 PKP	22	14.10	1.9
	eS	23 47.00				ACU	83.44	308 eP	14	36.50	1.5			i		23	10.10	
	eSS	28 38.00				SPU	83.46	27 eP	14	33.79	-0.9		ZOBO	164.90	278 PKP	22	12.80	0.4
	eSSS	31 27.00				ECHE	83.50	310 eP	14	37.30	2.0			1.6s	51.38nm			
BNI	76.53	313 P	13	57.70	-0.4	ECRI	83.59	313 eP	14	38.00	2.2		Z	24s	0.40um			
SURF	76.57	313 P	13	58.48	0.1	ETOR	83.88	311 eP	14	38.00	0.7			i		23	09.20	
CALN	76.68	312 P	13	58.51	-0.5	PWA	84.15	26 eP	14	38.60	0.5			LR		21	32.00	
DOU	76.72	319 Pc	13	59.90	1.1	PMR	84.49	26 eP	14	39.21	-0.6		LPB	164.92	277 ePKP	22	14.00	1.9
	0.7s	16.70nm			5.2mb		1.1s	32.90nm			5.4mb			i		23	10.10	
	e		14	09.00	29km	Z	20s	1.09um			5.2Msz			S.D. = 1.0	on 346 of 385 obs.			
BUL	76.88	243 iPd	14	01.00	0.6	SLKM	84.57	27 eP	14	40.00	-0.3		%	OCT 28, 1992	07h	45m	37.53±1.14s	
FRF	76.90	312 iPc	14	00.20	0.2	EVIA	84.94	309 eP	14	43.50	0.8			39.452 N ± 9.7km		27.728 E ± 7.1km		
	0.8s	62.60nm			5.7mb	ENIJ	85.30	307 iPc	14	46.50	2.1			DEPTH = 10.0km (geophysicist)				
LMR	77.05	312 iPc	14	01.10	0.3	TOA	85.42	25 eP	14	45.80	1.2			TURKEY			(366)	
	0.8s	57.75nm			5.7mb	GUD	85.43	311 iPc	14	46.10	1.0		EDC	0.90	7 iPg	45	55.50	0.7
LRG	77.13	312 iPc	14	01.70	0.5	EBAN	86.05	309 eP	14	50.00	1.9			iSg		46	09.50	
	1.1s	171.90nm			6.0mb	EMON	86.58	315 iPc	14	52.90	2.3		BNT	0.91	9 iPg	45	54.70	-0.3
Z	22s	0.32um			4.6Msz	EPLA	87.01	311 iPd	14	54.50	1.7			iSg		46	07.70	
DAG	77.13	348 iPd	13	59.90	-0.8	EHOR	87.25	309 iPd	14	55.00	1.1		KCT	0.93	31 iPg	45	55.20	-0.1
	0.8s	39.55nm			5.5mb	BALM	87.54	25 eP	14	55.53	0.5			iSg		46	10.20	
LBF	77.88	316 iPc	14	05.50	0.1	EPRU	87.56	308 eP	14	56.70	1.2		EZN	1.15	289 ePn	45	58.90	0.0
	1.0s	140.00nm			5.9mb	STS	87.62	315 iPc	14	58.00	2.4		YLV	1.68	48 iPn	46	07.00	-0.2
LOR	77.89	316 iPc	14	05.40	0.0	EJIF	87.93	308 iPc	14	58.60	1.4		ALT	1.89	101 ePn	46	10.40	0.1
	1.3s	138.65nm			5.8mb	MAW	89.79	192 P	15	06.69	1.5		DMK	2.37	1 ePn	46	16.80	-0.2
Z	22s	0.60um			4.9Msz	AVE	90.61	306 eP	15	12.00	2.1			S.D. = 0.4	on 7 of 7 obs.			
SSB	77.94	314 P	14	05.82	0.1	SIT	92.87	25 P	15	30.00	10.2X		&	OCT 28, 1992	07h	51m	21.91s	
SMF	78.06	315 iPc	14	06.50	0.2		Z	20s	1.84um		5.5Msz			34.333 N		116.458 W		
	1.0s	131.60nm			5.9mb	HON	97.01	65 P	15	50.00	10.6X			DEPTH = 8.9km				
SSF	78.17	316 iPc	14	07.20	0.3		Z	20s	0.95um		5.3Msz			SOUTHERN CALIFORNIA			(43)	
	1.0s	128.40nm			5.9mb	KIC	98.29	280 P	15	46.10	0.8			<PAS-P>. ML 3.5 (PAS), 3.2 (GS).				
AVF	78.35	316 iPc	14	08.10	0.2	TIC	98.45	280 P	15	47.10	1.1			Felt.				
	1.1s	140.65nm			5.9mb	LIC	98.60	280 P	15	47.80	1.1		PEC	0.73	233 iPd	51	35.11	-1.3
PLDF	78.38	315 P	14	08.75	0.5	SES	106.82	18 ePKP	20	46.00	13.1X		GSC	1.01	344 ePn	51	40.08	-1.1
AGO	78.69	315 P	14	10.55	0.7	WDC	110.60	31 PKP	20	50.00	9.7X		SSK	1.03	264 ePnd	51	40.60	-1.0
BGF	78.74	315 iPc	14	10.40	0.3		Z	19s	0.68um		5.2Msz			S		51	51.99	
	0.6s	22.30nm			5.3mb								PLM	1.03	199 iPd	51	40.76	-0.9
LBL	78.83	314 P	14	11.46	0.8	8GMT	111.07	21 ePKP	20	41.70	0.4		GLA	1.87	133 eP	51	51.63	-2.7
PYM	78.85	315 P	14	11.46	0.6	CMB	113.62	31 PKP	21	00.00	13.8X		ISA	2.12	309 ePn	51	55.51	-2.6
MAF	79.02	315 iPc	14	12.40	0.8		Z	19s	0.37um		5.0Msz			S		52	28.39	
	1.0s	115.60nm			5.8mb	BW06	114.08	21 ePKP	20	46.50	-0.7		ABL	2.34	284 ePn	52	00.22	-1.1
TCF	79.24	315 iPc	14	13.60	0.8	RSSD	114.49	16 PKP	21	00.00	12.0X		BCH	3.10	287 ePn	52	10.79	-1.3
	1.0s	132.80nm			5.9mb		Z	20s	0.75um		5.3Msz		TNP	3.79	351 ePn	52	19.93	-2.1
LSF	79.71	315 iPc	14	15.70	0.4	RSNY	116.20	353 PKP	21	00.00	9.1X		BONR	3.91	338 ePn	52	22.55	-1.2
	1.2s	97.30nm			5.7mb		Z	21s	0.59um		5.2Msz		ARUT	4.23	34 ePn	52	25.96	-2.1
CAF	79.72	314 eP	14	16.30	0.8	ISA	116.44	31 PKP	21	00.00	8.3X		MSU	5.42	38 (P)	52	40.86	-4.2
	0.7s	34.05nm			5.5mb		Z	20s	0.58um		5.2Msz			12 obs. associated				
EKA	79.81	325 Pd	14	17.50	1.9	MSU	116.87	25 ePKP	20	53.11	0.5		%	OCT 28, 1992	07h	59m	35.68±0.94s	
	0.9s	55.80nm																

39.395 N \pm 8.4km 27.728 E \pm 10.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC	0.96	6	ePg	59	54.50	0.6
KCT	0.98	29	iPg	59	54.70	0.4
			iSg	00	08.70	
IZM	1.06	200	iPn	59	56.00	0.3
EZN	1.17	292	ePn	59	57.00	-0.4
YLV	1.72	47	ePn	00	05.00	-0.9

S.D. = 0.9 on 5 of 5 obs.

? OCT 28, 1992 08h 17m 09.50 \pm 3.11s
37.496 N \pm 17.1km 20.224 E \pm 25.0km
DEPTH = 33.0km (normal)

IONIAN SEA (399)
ML 3.7 (ATH), 3.6 (THE).

IGT	2.04	2	ePn	17	47.56	5.4X
			eSn	18	13.96	
KEK	2.24	352	ePn	17	53.30	8.3X
AGG	2.25	47	iPn	17	46.22	1.0
			eSn	18	14.32	
VLI	2.30	109	ePn	17	46.00	0.1
SRN	2.39	356	ePn	18	01.40	14.3X
LSK	2.67	6	ePn	18	00.20	9.1X
			eSn	18	42.00	
TPE	2.80	357	ePn	18	02.20	9.3X
ATH	2.81	79	ePb	17	56.70	3.7X
KZN	3.05	23	ePn	17	58.20	1.5
LIT	3.15	34	ePn	17	57.96	0.1
BERA	3.21	356	ePn	18	09.80	11.1X
PAIG	3.63	47	ePn	18	03.48	-1.3
GRG	3.85	25	ePn	18	07.68	-0.1
SOH	4.12	35	ePn	18	11.80	0.1
PHP	4.19	2	ePn	18	12.40	-0.2
KNT	4.21	29	ePn	18	13.44	0.5
VAY	4.23	25	iPn	18	13.30	0.1
SRS	4.46	35	iPn	18	15.32	-1.3
SKO	4.57	11	ePn	18	17.50	-0.6

1.3s 64.00nm
i 18 31.20
iSg 19 55.00
Lg 20 10.20
S.D. = 0.9 on 12 of 19 obs.

? OCT 28, 1992 08h 45m 55.00 \pm 6.12s
41.364 N \pm 37.6km 22.467 E \pm 26.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.2 (THE), 2.0 (SKO).

VAY	0.09	119	iPg	45	57.80	0.2
			iSg	46	01.50	
KNT	0.38	122	iPg	46	03.06	0.1
			eSg	46	09.40	
GRG	0.41	187	ePg	46	03.48	0.0
SOH	0.86	129	iPg	46	11.52	-0.2
			eSg	46	24.60	
SRS	0.88	106	ePg	46	11.96	-0.1
			eSg	46	24.70	

S.D. = 0.2 on 5 of 5 obs.

* OCT 28, 1992 09h 44m 21.40 \pm 1.65s
45.276 S \pm 13.4km 167.217 E \pm 20.7km
DEPTH = 122.1 \pm 20.9 km
SOUTH ISLAND, NEW ZEALAND (162)

BCZ	0.85	149	Pc	44	42.00	-0.5
			eS	44	56.00	
TLC	1.31	87	Pd	44	47.50	0.1
MMCZ	1.38	79	P	44	48.40	0.3
CMCZ	1.46	86	P	44	49.10	0.1
			S	45	06.90	
MHZ	1.47	82	Pd	44	49.40	0.2
SBCZ	1.49	84	P	44	49.90	0.6
LRCZ	1.52	83	Pd	44	49.90	0.2
LSCZ	1.53	85	Pd	44	49.80	0.1
SIZ	1.72	159	P	44	51.90	0.0
TUZ	1.83	113	Pd	44	53.50	0.3
			S	45	14.60	
BWZ	2.04	69	Pc	44	55.50	-0.3
ODZ	2.44	86	Pd	45	00.50	-0.5
			S	45	28.20	
EWZ	3.15	57	Pc	45	09.00	-1.3
MOZ	4.19	70	P	45	22.50	-1.9X
			eS	46	06.10	

LTZ	4.41	57	P	45	25.20	-2.3X
DSZ	4.85	45	P	45	31.30	-2.2X
KHZ	5.39	60	P	45	38.40	-2.3X
THZ	5.42	52	eP	45	37.50	-3.7X
QRZ	5.91	43	P	45	45.70	-2.1X
			S	46	49.10	
DIW	6.64	50	eP	45	55.90	-2.0X
MRW	6.80	56	eP	45	55.50	-4.4X
CAW	7.09	57	eP	45	59.10	-4.8X
KIW	7.15	55	eP	46	00.40	-4.4X
MTW	7.32	59	P	46	02.10	-4.9X
MNG	7.64	55	eP	46	05.90	-5.5X
MOZ	8.81	43	eP	46	24.80	-2.4X
WCZ	10.78	33	eP	46	54.00	0.6

S.D. = 0.6 on 14 of 27 obs.

? OCT 28, 1992 09h 51m 37.23 \pm 2.19s
44.291 N \pm 16.8km 148.373 E \pm 28.3km
DEPTH = 33.0km (normal)

KURIL ISLANDS (221)

KUSJ	2.91	247	iPd	52	22.50	0.3
			eS	52	51.20	
ASAJ	4.13	270	eP	52	42.90	3.4X
HOOJ	4.17	245	eP	52	42.70	2.6X
			eS	53	27.00	
MRRJ	5.64	253	eP	53	00.30	-0.6
			eS	53	59.30	
AOMJ	6.99	241	eP	53	20.60	0.7
OFUJ	7.23	226	P	53	23.00	-0.2
			eS	54	35.80	
YAMJ	8.76	229	eP	53	44.40	-0.1
GUN	51.86	274	P	00	45.10	0.2
KKN	52.36	274	P	00	49.00	0.5
PKI	52.40	274	P	00	48.50	-0.4
DMN	52.59	274	P	00	50.30	0.0
GKN	52.70	275	P	00	50.80	-0.2

S.D. = 0.4 on 10 of 12 obs.

* OCT 28, 1992 10h 02m 57.49 \pm 0.76s
29.296 S \pm 16.5km 176.831 W \pm 13.2km
DEPTH = 33.0km (normal)
4.9mb (6 obs.) 4.8msz (1 obs.)
KERMADEC ISLANDS REGION (177)

RAO	0.95	272	Pc	03	15.50	1.0
			S	03	32.30	
DZM	16.69	292	iPd	06	54.90	4.3X
BRS	26.78	267	iPc	08	37.00	0.6
ARMA	27.34	260	eP	08	43.00	1.5
CAN	29.40	249	eP	09	00.30	0.2
BWA	29.86	251	eP	09	01.80	-2.4
CMS	32.19	257	eP	09	24.00	-0.6
			1.1s	9.00nm	4.6mb	
ASPA	44.20	265	iPd	11	03.60	-1.8
			0.8s	12.80nm	4.8mb	
Z	19s	1.10um			4.8msz	
SPA	60.87	180	iPd	13	09.50	0.5
			1.2s	7.04nm	4.7mb	
			i	13	18.80	
MAW	73.69	200	iPd	14	30.20	0.8
			1.1s	17.00nm	5.0mb	
MAT	77.93	324	eP	14	53.00	-0.7
MDJ	88.30	325	eP	15	47.40	0.7
			1.0s	9.20nm	5.0mb	
CN2	89.88	322	eP	15	54.30	0.1
			1.0s	23.00nm	5.4mb	
			epP	16	01.00	21kmX
TIA	89.97	312	eP	15	55.80	1.0
BJI	92.86	315	eP	16	08.00	0.0
KAF	143.84	342	ePKP	22	27.00	-3.2X
OBN	144.82	327	iPKPd	22	31.00	-1.1
			1.5s	80.00nm		
NUR	145.61	341	ePKP	22	32.00	-1.3
UPP	147.90	346	iPKP	22	41.20	4.2X
HFS	148.35	350	ePKP	22	39.10	1.4
			0.4s	1.90nm		
HRI	151.95	286	ePKP	22	51.90	7.7X
MML	152.20	285	ePKP	22	52.40	7.9X
RMN	152.74	280	ePKP	22	53.00	7.6X

S.D. = 1.2 on 17 of 23 obs.

* OCT 28, 1992 10h 18m 47.75 \pm 0.79s
29.196 S \pm 19.3km 176.589 W \pm 12.4km
DEPTH = 10.0km (geophysicist)
4.8mb (4 obs.)
KERMADEC ISLANDS REGION (177)

RAO	1.16	267	P	19	09.50	0.0
DZM	16.85	291	iPd	22	49.20	3.8X
BRS	27.00	266	iPc	24	32.20	0.4
ARMA	27.56	260	eP	24	37.70	0.7
CMS	32.41	256	eP	25	19.20	-0.8
ASPA	44.42	265	iPc	26	56.90	-3.8X
			0.7s	8.60nm	4.7mb	
SPA	60.97	180	iPd	29	03.10	-0.2
			0.9s	8.18nm	4.9mb	
MAW	73.86	200	eP	30	24.00	0.0
			1.1s	13.00nm	4.9mb	
MAT	77.97	324	eP	30	47.00	-0.7
			1.0s	7.00nm	4.7mb	
			(S)	40	52.00	
BJI	92.94	315	eP	32	02.00	-0.1
OBN	144.85	327	ePKP	38	24.50	-1.6
			1.5s	100.00nm		
			e	38	34.00	
			e	38	44.00	

NUR	145.59	342	ePKP	38	27.00	-0.2
NB2	147.73	353	PKP	38	33.80	3.1X
			0.5s	1.30nm		
HFS	148.29	350	ePKP	38	34.10	2.5
			0.4s	1.60nm		
Z	19s	71.00um			7.5mszX	
HRI	152.12	287	ePKP	38	44.80	6.4X
ADI	152.55	286	ePKP	38	45.40	6.5X
RMN	152.93	281	ePKP	38	46.40	6.8X

S.D. = 1.2 on 11 of 17 obs.

* OCT 28, 1992 11h 41m 06.91 \pm 1.02s
16.114 N \pm 11.3km 61.629 W \pm 13.4km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 2.4 (FDF).

DOG	0.08	172	iPd	41	12.41	-0.3
PAG	0.10	210	ePd	41	12.77	0.0
			S	41	15.24	
SEG	0.31	23	eP	41	15.10	0.3
MGG	0.36	123	iPc	41	15.81	0.4
DEG	0.58	70	eP	41	18.30	-0.4
			S	41	25.39	

S.D. = 0.5 on 5 of 5 obs.

? OCT 28, 1992 12h 27m 58.45 \pm 4.54s
32.581 S \pm 27.8km 71.586 W \pm 22.0km
DEPTH = 16.7 \pm 9.9 km
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

ROCH	0.62	129
------	------	-----

28d 12h

VLI	2.51	228	ePn	34	26.50	-0.8
ALN	2.54	14	ePn	34	27.40	-0.4
			eSn	35	01.60	
LIT	2.72	309	ePn	34	30.92	0.6
EDC	2.79	46	iPn	34	31.50	0.2
SOH	2.80	329	ePn	34	32.05	0.5
THE	2.82	322	ePn	34	32.56	0.8
BNT	2.83	46	iPn	34	30.60	-1.3
SRS	2.97	335	ePn	34	33.96	0.0
KCT	3.02	52	ePn	34	34.60	0.0
NPS	3.17	175	ePn	34	36.10	-0.7
KNT	3.28	327	ePn	34	38.92	0.7
KZN	3.28	306	ePn	34	38.70	0.3
GRG	3.35	320	ePn	34	40.28	1.0
KHL	3.36	90	ePn	34	39.00	-0.5
VAY	3.55	325	iPn	34	42.70	0.6
			i	34	54.30	
ALT	3.85	79	iPn	34	46.50	0.0
DMK	3.90	29	ePn	34	45.80	-1.2
ISK	3.95	47	ePn	34	49.00	1.3
ELL	4.06	113	ePn	34	52.90	3.4
BCK	4.33	101	ePn	34	52.00	-1.3
EYL	4.36	59	eP	34	56.00	2.3
KEK	4.43	289	ePb	34	59.90	5.3X
SKO	4.59	322	ePn	34	54.50	-2.3
	1.3s				64.00nm	
			Lg	36	40.00	
ISR	6.77	8	eP	35	35.00	7.3X
CMP	6.84	359	ePc	35	32.00	3.4X
COZ	6.92	355	eP	35	33.00	3.1X
MLR	7.08	4	eP	35	31.00	-1.1
VRI	7.52	8	iPc	35	37.50	-0.6
DEV	7.65	348	ePd	35	40.00	0.1
NUR	22.11	359	eP	38	55.00	12.4X

S.D. = 1.2 on 32 of 37 obs.

? OCT 28, 1992 12h 58m 57.13± 3.73s
 42.428 N ±32.3km 24.016 E ±11.6km
 DEPTH = 10.0km (geophysicist)

BULGARIA (359)

ML 2.8 (THE).

SRS	1.35	194	ePbd	59	22.58	0.6
			eSb	59	45.06	
KNT	1.52	214	ePb	59	24.05	-0.3
			eSb	59	47.86	
VAY	1.55	225	ePn	59	24.70	0.0
SOH	1.68	197	ePn	59	27.10	0.4
OUR	2.09	181	iPn	59	31.82	-0.8
ALN	2.16	134	ePn	59	33.70	0.1

S.D. = 0.7 on 6 of 6 obs.

? OCT 28, 1992 13h 03m 34.69± 6.64s
 33.044 S ±18.0km 70.422 W ±25.3km
 DEPTH = 101.4 ± 54.1 km

CHILE-ARGENTINA BORDER REGION (127)

MD 3.4 (SAN).

PEL	0.24	246	iPd	03	49.48	-0.1
			iS	04	00.32	
FCH	0.30	159	iP+	03	50.08	0.0
			iS	04	01.60	
JACH	0.39	338	iP+	03	50.27	0.0
			iS	04	02.30	
ROCH	0.50	278	iP+	03	51.08	0.0
			iS	04	03.24	
PCH	0.58	188	iP	03	51.74	0.2
			iS	04	04.09	
TACH	0.75	215	iPd	03	52.96	0.1
			iS	04	06.92	
CHCH	0.91	192	iP	03	54.52	0.0
			iS	04	09.78	
LCCH	1.05	246	iP	03	56.28	0.2
			iS	04	12.05	
LNv	1.23	222	iPd	03	57.83	-0.2
			iS	04	14.87	

S.D. = 0.2 on 9 of 9 obs.

* OCT 28, 1992 13h 31m 05.74± 0.79s
 29.347 S ±12.5km 177.314 W ±12.5km
 DEPTH = 10.0km (geophysicist)

KERMADEC ISLANDS, NEW ZEALAND (178)

Felt (III) on Raoul Island.

RAO	0.54	280	iPc	31	16.50	-0.1
			S	31	38.40	

WCZ	9.62	225	eP	33	34.90	7.6X
OUZ	9.67	230	P	33	38.70	10.9X
THZ	14.71	210	eP	34	35.00	-0.7
			eS	36	56.90	
KHZ	14.99	207	eP	34	33.20	-6.0X
			eS	37	10.70	
DZM	16.32	293	iPd	35	06.00	9.3X
ODZ	18.34	208	eP	35	21.30	-0.4
BRS	26.36	267	iPc	36	49.00	5.1X
			i	36	58.80	
ARMA	26.91	260	eP	36	54.50	5.5X
CAN	28.99	249	eP	37	11.80	4.1X
BWA	29.45	251	eP	37	13.70	1.8
RMQ	30.06	267	eP	37	20.90	3.5X
	0.6s				15.00nm	5.0mb
CMS	31.76	257	eP	37	35.80	3.5X
	1.1s				14.00nm	4.8mb
ASPA	43.77	266	iPd	39	14.50	1.1
	0.7s				14.20nm	4.9mb
MBL	56.85	263	eP	40	51.00	-2.1
SPA	60.82	180	iPd	41	20.30	0.0
	1.0s				6.50nm	4.7mb
MAW	73.50	200	eP	42	41.00	1.1
	1.2s				26.00nm	5.2mb
MAT	77.72	325	eP	43	04.00	-0.3
	1.3s				15.38nm	4.9mb
			eS	52	44.00	
BJI	92.60	315	eP	44	18.50	0.0
	1.5s				29.00nm	5.5mb
KAF	143.75	341	iPKP	50	38.80	-3.2X
	0.4s				1.30nm	
OBN	144.63	326	iPKPd	50	42.00	-1.7
	1.2s				70.00nm	
NUR	145.52	341	iPKP	50	43.60	-1.4
	0.9s				64.20nm	
NB2	147.80	352	PKP	50	49.90	1.1
	0.6s				3.50nm	
HFS	148.33	350	ePKP	50	51.40	1.8
	0.4s				1.90nm	

S.D. = 1.4 on 14 of 24 obs.

* OCT 28, 1992 13h 52m 13.02± 1.92s
 33.332 S ± 9.3km 72.312 W ±16.9km
 DEPTH = 28.5 ± 6.3 km

OFF COAST OF CENTRAL CHILE (134)

MD 4.1 (SAN).

LCCH	0.64	103	iPd	52	25.27	-0.3
IHA	0.64	62	iPc	52	25.50	-0.1
			iS	52	32.60	
LNv	0.98	130	iPd	52	30.96	0.2
ROCH	1.15	72	iPd	52	32.71	-0.7
TACH	1.19	106	iPd	52	33.60	-0.3
PEL	1.38	83	iP+	52	36.61	0.1
			iS	52	52.21	
SAN	1.39	95	iPd	52	36.53	-0.1
CHCH	1.51	114	iPd	52	38.35	-0.1
PCH	1.53	101	iPd	52	38.91	0.1
			iS	52	57.01	
JACH	1.58	66	iPd	52	39.00	-0.6
			iS	52	57.44	
FCH	1.69	90	iPd	52	41.33	0.0
			iS	53	00.96	
RTBS	2.93	56	e(P)c	53	01.00	2.3
MDZ	2.94	82	eP	53	04.60	5.7X
			e(S)	53	49.20	
RTCB	3.49	59	ePd	53	07.70	0.8
RFA	3.50	115	ePd	53	07.80	0.9
			i	53	15.30	
			(S)	54	01.20	
RTCV	3.51	66	ePd	53	08.60	1.6
			S	53	16.70	
CFA	3.85	65	e(P)	53	12.00	0.2
MRA	5.63	82	e(P)	53	35.20	-1.8
RTPR	5.79	60	e(P)	53	37.40	-1.8
TCA	6.83	75	iP	53	50.90	-3.0X
CNCB	16.91	14	eP	56	11.00	1.2
LPB	17.15	14	P	56	10.80	-1.9
ZOBO	17.39	14	eP	56	16.00	0.2

S.D. = 1.1 on 21 of 23 obs.

* OCT 28, 1992 14h 07m 54.21± 2.02s
 43.353 N ±12.0km 5.413 E ±12.3km
 DEPTH = 10.0km (geophysicist)

NEAR SOUTH COAST OF FRANCE (379)

ML 2.7 (STR).

GELF	0.03	19	Pg	07	55.86	-0.4
BERF	0.21	101	Pg	07	58.78	0.0
TREF	0.27	356	Pg	07	58.26	-1.7
PUYF	0.28	49	Pg	07	58.41	-1.6
PRAF	0.49	339	Pg	08	03.21	-0.9
TAVF	0.54	60	Pg	08	03.97	-1.2
VILF	0.55	24	Pg	08	03.81	-1.5
CALN	1.15	69	Pg	08	16.02	0.3
MVIF	1.38	66	Pn	08	19.36	-0.2
			Sg	08	38.93	
REVF	1.47	74	Pn	08	20.75	-0.1
TOUF	1.49	63	Pn	08	21.16	0.0
AURF	1.49	68	Pn	08	20.62	-0.5
AUTN	1.60	66	Pn	08	22.54	-0.2
			Sg	08	45.19	
STV	1.65	57	P	08	23.14	-0.2
			S	08	43.93	
PZZ	1.68	46	P	08	24.88	1.0
			S	08	46.16	
SAOF	1.68	67	Pn	08	23.39	-0.4
ENR	1.70	58	P	08	23.96	-0.1
			S	08	45.48	
RRL	1.85	32	P	08	29.04	2.6
			S	08	52.19	
IMI	1.88	72	P	08	26.34	-0.4
			S	08	48.65	
BHB	2.00	41	P	08	30.23	1.8
			S	08	53.64	
ROB	2.01	61	P	08	28.90	0.2
FIN	2.20	66	P	08	31.24	-0.1
			S	08	56.66	
RSP	2.23	36	P	08	33.89	2.0
LSD	2.45	30	P	08	37.51	2.5
PCP	2.56	61	P	08	36.14	-0.3
PGF	2.75	106	Pn	08	38.25	-1.1

S.D. = 1.2 on 26 of 26 obs.

OCT 28, 1992 14h 10m 41.63± 0.38s
 7.055 N ± 4.9km 76.643 W ± 7.4km
 DEPTH = 10.0km (geophysicist)

NORTHERN COLOMBIA (99)

MD 4.6 (UPA).

CLMC	3.15	179	ePc	11	31.39	-1.1
AZUC	3.38	171	iPc	11	35.28	-0.6
UPA	3.44	304	eP	11	36.43	0.0
			eS	12	09.84	
ANCC	3.52	184	ePc	11	36.35	-1.2
BOG	3.52	133	iPc	11	42.50	4.6X
			eS	12	27.50	
HOOC	3.56	180	iPc	11	36.85	-1.5
ECO	3.79	307	eP	11	41.39	-0.1
SILC	4.35	176	iPc	11	49.78	0.1
PURC	4.71	177	eP	11	55.62	0.7
PSO	5.86	187	eP	12	13.50	2.4
DVD	5.92	284	eP	12	12.10	0.7
BRU	6.11	287	eP	12	14.70	0.0
SDV	6.22	73	iPnc	12	16.00	0.0
TOV	7.30	68	eP	12	26.00	-4.4X
ARE	23.92	168	e(P)	16	01.00	4.0X
ZOBO	24.68	160	iPc	16	05.70	0.9
	1.1s				179.81nm	5.6mb
			e	22	37.00	
LPB	24.91	160	P	16	09.00	2.2
CNCB	25.21					

S.D. = 1.2 on 29 of 33 obs.						REF	0.76	320	iPd	04	31.06	-0.5	NORTHERN ITALY				(545)			
* OCT 28, 1992 14h 17m 26.10±0.89s						RDW	0.79	317	iPc	04	30.74	-1.3	ML 1.7 (GEN).							
38.447 N ± 6.5km 22.253 E ±14.7km						RDN	0.79	320	iPd	04	31.40	-0.6								
DEPTH = 10.0km (geophysicist)									eS	04	43.14		ENR	0.09	213	P	36	12.54	0.1	
GREECE (364)						OPT	0.80	252	iPc	04	31.14	-0.9				S	36	14.74		
MD 3.2 (ATH). ML 3.1 (THE).						DFR	0.83	325	iPd	04	31.77	-0.7	STV	0.13	244	P	36	13.36	0.3	
AGG	0.58	6	ePg	17	37.88	0.1	NKA	0.87	16	iPd	04	34.41	1.6			S	36	15.70		
			eSg	17	49.48		NCT	0.88	318	iPd	04	32.64	-0.5	ROB	0.28	91	P	36	15.74	0.1
ATH	1.25	112	ePb	17	55.60	6.4X	SLKM	0.96	51	ePc	04	33.50	-0.6			S	36	20.14		
LIT	1.66	6	ePb	17	55.00	-0.4	AUE	1.00	237	eP	04	33.68	-1.0	PZZ	0.34	307	P	36	16.93	0.0
			eSb	18	20.00		AUL	1.02	239	iPc	04	34.15	-0.7			S	36	22.24		
VLI	1.81	162	ePn	17	57.50	0.0	AUP	1.02	238	ePc	04	34.27	-0.7	IMI	0.49	143	P	36	19.41	-0.3
KZN	1.89	349	ePn	17	58.60	-0.2	AUH	1.03	238	iPc	04	34.40	-0.7			S	36	26.22		
OUR	2.31	35	ePn	18	05.10	0.3	AUI	1.04	237	ePc	04	34.21	-1.0	FIN	0.53	100	P	36	20.00	-0.5
FNA	2.43	344	ePn	18	05.92	-0.6				eS	04	48.35				S	36	27.46		
GRG	2.51	3	ePn	18	07.40	-0.2	AUW	1.04	239	iPc	04	34.46	-0.7	BHB	0.56	344	P	36	20.82	-0.5
SOH	2.52	19	ePn	18	08.12	0.4	SEW	1.16	80	ePc	04	35.41	-1.3			S	36	28.24		
KNT	2.76	10	ePn	18	10.48	-0.7	BKG	1.19	347	iPd	04	36.86	-0.4	PCP	0.80	72	P	36	26.13	0.8
			eSn	18	47.48		PDB	1.25	265	iPc	04	36.87	-1.2	S.D. = 0.5 on 8 of 8 obs.						
SRS	2.86	21	ePn	18	12.56	0.0	SPU	1.28	353	iPd	04	37.92	-0.6	OCT 28, 1992 15h 37m 32.06±0.79s						
VAY	2.88	5	ePn	18	12.50	-0.4				S	04	56.15		40.383 N ± 8.5km 25.787 E ± 6.7km						
SKO	3.58	350	ePn	18	24.50	1.8	CKT	1.31	350	iPd	04	38.60	-0.4	DEPTH = 10.0km (geophysicist)						
S.D. = 0.7 on 12 of 13 obs.						MPA	1.31	63	iPc	04	38.26	-0.6	AEGEAN SEA (365)							
& OCT 28, 1992 14h 51m 55.65s									eS	04	56.94		ML 3.2 (THE).							
34.009 N 116.319 W						CKL	1.32	347	iPd	04	38.79	-0.4	ALN	0.55	21	ePg	37	43.08	-0.1	
DEPTH = 4.6km						CKN	1.33	350	iPc	04	38.87	-0.4				eSg	37	50.50		
SOUTHERN CALIFORNIA (43)						SYI	1.35	195	iPd	04	38.28	-1.1	EZN	0.69	143	iPg	37	44.70	-1.1	
<PAS-P>. ML 2.9 (PAS).						CRP	1.37	351	iPd	04	39.23	-0.7				eSg	37	58.70		
PEC	0.71	261	iPc	52	08.73	-1.1	CP2	1.38	350	iPd	04	40.02	0.0	EDC	1.59	91	iPn	38	01.50	1.2
PLM	0.80	215	ePd	52	10.56	-1.1	CDD	1.39	226	ePd	04	38.83	-1.2	BNT	1.63	90	iPn	38	00.60	-0.3
SSK	1.16	280	ePc	52	16.79	-1.1	BGL	1.39	347	iPd	04	40.04	-0.1	SRS	1.82	294	ePb	38	03.80	0.1
GSC	1.35	343	ePn	52	20.55	-0.6	CGLM	1.41	354	iPd	04	40.14	-0.1				eSb	38	30.80	
			eS	52	36.99		NCG	1.51	352	ePd	04	41.79	0.0	SOH	1.90	284	ePn	38	08.12	3.2X
GLA	1.57	127	ePn	52	21.71	-2.6	MCNL	1.52	242	iPc	04	40.19	-1.6	KCT	1.97	93	ePn	38	07.00	1.2
			ePg	52	24.77					eS	04	59.17		DMK	2.07	45	ePn	38	06.00	-1.3
ISA	2.42	314	ePn	52	34.49	-2.2	SUA	1.63	17	iPd	04	43.40	0.0	KNT	2.33	290	ePn	38	11.28	0.3
			ePg	52	39.85		PTE	1.65	53	eP	04	43.29	-0.2				eSn	38	43.00	
ABL	2.54	290	ePn	52	36.85	-1.6	PMS	1.71	38	P	04	44.50	0.0	VAY	2.61	292	ePn	38	22.00	7.0X
BCH	3.32	292	(Pn)	52	53.15	3.7	LT1	1.95	85	eP	04	46.07	-1.7	S.D. = 1.1 on 8 of 10 obs.						
			ePg	52	57.63		PWA	1.96	27	P	04	48.00	0.0	OCT 28, 1992 15h 52m 09.65±0.45s						
8 obs. associated						KNIM	2.04	76	ePc	04	47.01	-2.1	44.949 N ± 4.1km 3.003 E ± 4.7km							
% OCT 28, 1992 14h 55m 33.73±0.71s						SKT	2.08	3	iPd	04	49.73	0.2	DEPTH = 15.2 ± 5.4 km							
44.531 N ± 5.0km 7.421 E ± 7.7km						PLRM	2.11	36	ePd	04	49.27	-0.7	FRANCE (538)							
DEPTH = 10.0km (geophysicist)						PMR	2.11	36	eP	04	48.86	-1.2	ML 3.3 (LDG), 3.3 (STR).							
NORTHERN ITALY (545)						KNK	2.20	46	ePd	04	50.46	-0.9	LBL	0.33	31	Pg	52	17.45	0.7	
ML 1.6 (GEN).						KDC	2.21	191	eP	04	48.18	-3.2	CAF	0.67	268	Pg	52	21.20	-1.3	
PZZ	0.23	264	P	55	39.16	0.4	SVW	2.27	304	eP	04	50.18	-2.1			Sg	52	30.40		
			S	55	42.73		GHO	2.31	35	ePd	04	52.28	-0.7	PYM	0.80	0	Pg	52	26.52	1.7
STV	0.30	194	P	55	39.68	-0.3	GLI	2.49	65	iPc	04	52.96	-2.5			Sg	52	39.25		
ENR	0.30	180	P	55	39.86	-0.3	SML	2.52	40	ePd	04	55.11	-0.8	AGO	1.11	5	Pg	52	30.77	0.8
			S	55	44.47		FID	2.74	70	iPc	04	55.95	-3.0			Sg	52	48.42		
BHB	0.33	340	P	55	40.90	0.3	SCM	2.89	46	ePc	05	00.59	-0.6	PLDF	1.11	23	Pg	52	30.41	0.4
			S	55	45.52		VLZ	2.93	63	ePc	04	59.57	-2.1			Sg	52	47.64		
ROB	0.40	126	P	55	42.33	0.4	HUR	3.23	17	iPd	05	06.73	0.7	RJF	1.11	289	Pn	52	29.60	-0.4
			S	55	48.46		KLU	3.26	58	iPc	05	04.76	-1.7			Pg	52	30.20		
RSP	0.63	349	P	55	45.89	-0.6	TOA	3.48	49	P	05	08.60	-1.0	SSB	1.14	73	Pg	52	45.20	
S.D. = 0.6 on 6 of 6 obs.						TRF	3.62	10	eP	05	11.30	-0.2			Sg	52	29.75	-0.8		
& OCT 28, 1992 15h 04m 16.54s						TTA	3.66	328	eP	05	10.09	-1.9	MAF	1.31	347	Pn	52	46.26		
59.914 N 151.726 W						KTH	3.67	6	eP	05	12.70	0.5			Pg	52	33.60	0.3		
DEPTH = 56.9km						TZL	3.74	52	eP	05	11.74	-1.3			Sg	52	35.80			
KENAI PENINSULA, ALASKA (14)						RND	3.76	20	ePd	05	13.14	-0.3	LPO	1.32	259	Pn	52	38.20	-1.6	
<AEIC>. ML 3.9 (AEIC), 3.2 (PMR). Felt (II) ot Homer.						SDG	3.98	46	eP	05	15.00	-1.4			Pg	52	33.00			
HOM	0.26	171	iPd	04	25.77	-0.3	MCK	4.05	18	ePd	05	17.33	-0.2			Sn	52	49.80		
BRK	0.45	109	iPd	04	27.37	-0.5	GLB	4.18	65	ePc	05	16.62	-2.7	TCF	1.45	338	Pn	52	35.90	0.6
			eS	04	36.05		PAX	4.29	42	iPd	05	19.60	-1.3			Pg	52	38.20		
XLV	0.46	180	eP	04	27.09	-0.9	CROM	4.35	75	eP	05	20.65	-1.2	LFF	1.61	270	Pn	52	58.90	
			eS	04	34.89		TGL	4.50	75	eP	05	22.47	-1.4			Sg	52	36.70	-0.8	
CNPM	0.46	147	iPc	04	27.22	-0.8	BALM	4.78	72	eP	05	25.38	-2.4	BGF	1.61	356	Pn	52	38.50	
			eS	04	35.90		NEA	4.84	14	ePd	05	27.04	-1.5			Sg	52	59.30		
INE	0.69	283	iPd	04	29.62	-1.1	WRH	4.88	19	iPd	05	27.59	-1.5			Pg	52	37.90	0.3	
			eS	04	40.26		YAH	5.01	81	ePc	05	29.28	-1.9			Sg	52	41.30		
INW	0.72	283	iPd	04	30.10	-1.0	DJE	5.02	32	eP	05	29.89	-1.2	LSF	1.66	322	Pn	52	03.70	
RED	0.73	315	iPd	04	30.52	-0.6	HDA	5.03	24	eP	05	29.85	-1.4			Pg	52	39.10	0.8	
RDT	0.74	333	iPd	04	30.74	-0.6	CCB	5.09	19	iPd	05	30.33	-1.7			Sg	52	41.80		
RS1	0.75	317	iPd	04	31.08	-0.5	DOT	5.22	41	eP	05	33.09	-0.9	SMF	1.80	19	Pn	52	05.00	
RSO	0.75	317	iPd	04	31.03	-0.6	CTGM	5.25	74	eP	05	32.74	-1.8			Sg	52	40.00	-0.3	
			eS	04	42.67		MDM	5.32	16	eP	05	33.52	-1.8			Pg	52	43.40		
RS2	0.75	317	iPd	04	31.09	-0.5	FBA	5.33	18	ePd	05	33.23	-2.2	AVF	1.86	7	Pn	52	07.80	
						GLM	5.47	20	ePd	05	35.59	-1.9			Sg	52	41.30	0.2		
						IMA	6.24	353	eP	05	46.26	-2.0			Pg	52	45.30			
						86 obs. associated														
% OCT 28, 1992 15h 36m 09.82±0.54s																				
44.301 N ± 5.7km 7.487 E ± 4.3km																				
DEPTH = 10.0km (geophysicist)																				
																	</			

28d 15h

SSF	2.14	9	Pn	52 45.60	0.3
			Pg	52 51.00	
			Sg	53 19.00	
LBF	2.15	18	Pn	52 44.70	-0.7
			Pg	52 51.10	
			Sg	53 18.70	
GRBF	2.36	207	Pg	52 49.23	0.8
LOR	2.40	14	Pn	52 48.90	0.0
			Pg	52 55.20	
			Sg	53 26.80	
VDCF	2.40	191	Pg	52 51.13	2.1
PERF	2.46	182	Pg	52 51.37	1.5
SALF	2.55	212	Pn	52 46.12	-5.0X
LPL	2.70	77	Pn	52 52.40	-1.0
			Pg	52 59.40	
			Sg	53 32.60	
LPG	2.71	77	Pn	52 52.00	-1.6
			Pg	53 00.20	
			Sg	53 32.50	
EPF	2.71	226	Pn	52 48.90	-4.6X
			Pg	52 56.90	
			Sg	53 32.60	
MFF	2.76	308	Pg	53 00.90	6.9X
			Sg	53 39.00	
LRG	2.84	121	Pn	52 51.30	-3.9X
			Pg	52 59.60	
			Sg	53 34.20	
FRF	2.96	117	Pg	53 01.80	4.9X
			Sg	53 38.00	
LMR	3.00	121	Pg	53 01.90	4.5X
			Sg	53 39.00	
HAU	3.83	36	Pg	53 21.50	12.2X
			Sg	54 11.90	
LPF	4.16	319	Pn	53 09.80	-4.1X
			Sg	54 24.00	

S.D. = 1.1 on 24 of 32 obs.

% OCT 28, 1992 16h 25m 00.09 \pm 1.27s
38.111 N \pm 12.1km 15.921 E \pm 12.7km
DEPTH = 53.8 \pm 14.0 km

SICILY (398)

SOI	0.11	110	Pd	25 09.10	0.8
			eSg	25 15.20	
MSI	0.30	288	P	25 09.20	-0.4
			eSg	25 15.20	
ATN	0.36	278	Pc	25 09.60	-0.7
			eSg	25 15.40	
MNO	0.98	260	P	25 18.20	0.1
			eSg	25 30.50	
MEU	1.28	218	P	25 20.90	-1.1
			eSg	25 35.60	
GIB	1.50	266	P	25 25.50	0.4
TDS	1.58	12	P	25 26.90	0.8
			eSn	25 46.50	
FAI	1.97	246	P	25 32.70	1.1
BRT	2.94	19	P	25 44.40	-0.9

S.D. = 1.1 on 9 of 9 obs.

% OCT 28, 1992 16h 30m 18.19 \pm 2.37s
38.469 N \pm 19.0km 12.790 E \pm 12.0km
DEPTH = 10.0km (geophysicist)

SICILY (398)

ERC	0.46	200	P	30 27.00	-0.6
			eSg	30 35.20	
LVI	0.60	217	P	30 30.90	0.6
			eSg	30 41.00	
CVT	0.79	180	P	30 33.40	-0.1
			eSg	30 47.00	
MCT	1.07	141	P	30 39.60	1.2
GIB	1.09	116	P	30 39.00	0.3
			eSg	30 53.50	
MNO	1.59	109	P	30 47.30	0.6
ATN	2.12	97	P	30 54.80	0.6
MEU	2.18	128	P	30 53.20	-1.9
SOI	2.60	98	P	31 00.20	-0.8

S.D. = 1.1 on 9 of 9 obs.

? OCT 28, 1992 17h 02m 07.30 \pm 3.79s
2.699 S \pm 39.0km 145.185 E \pm 16.2km
DEPTH = 33.0km (normol)
4.4mb (1 obs.)
ADMIRALTY ISLANDS REGION, P.N.G. (199)

WWKK	1.81	239	eP	02 36.20	-0.5
MNDI	3.76	204	iP	03 05.00	0.5

LAT	4.34	155	eP	03 12.00	-0.6
PMG	6.95	164	eP	03 45.00	-4.4X
ASPA	23.53	207	iPc	07 15.40	-0.2
	1.2s	15.20nm			4.4mb
RMO	23.90	172	eP	07 19.70	0.6
WARB	29.37	216	eP	08 10.00	0.3

S.D. = 0.7 on 6 of 7 obs.

% OCT 28, 1992 17h 11m 00.12 \pm 1.92s
38.704 N \pm 13.3km 12.749 E \pm 12.1km
DEPTH = 10.0km (geophysicist)
SICILY (398)
ML 2.9 (ROM).

ERC	0.68	191	P	11 12.90	-0.7
			eSg	11 20.50	
LVI	0.79	204	P	11 15.80	0.4
			eSg	11 25.90	
CVT	1.02	178	P	11 18.80	-0.7
			eSg	11 33.20	
GIB	1.23	125	P	11 22.20	-0.9
			eSg	11 39.00	
MCT	1.28	147	P	11 25.10	1.1
FAI	1.60	153	P	11 29.90	1.4
MNO	1.71	116	P	11 31.40	1.0
ATN	2.20	103	P	11 36.70	-0.5
MEU	2.35	132	P	11 38.50	-1.0
SOI	2.67	103	P	11 43.60	-0.4
TDS	2.95	70	P	11 48.10	0.3

S.D. = 1.0 on 11 of 11 obs.

* OCT 28, 1992 18h 06m 49.20 \pm 3.07s
30.622 S \pm 17.5km 71.989 W \pm 21.9km
DEPTH = 12.1 \pm 3.1 km
NEAR COAST OF CENTRAL CHILE (135)
MD 4.1 (SANT).

TLL	1.12	66	iPc	07 10.50	0.3
			iS	07 22.70	
JACH	2.37	150	iP	07 28.76	0.1
			iS	07 54.24	
ROCH	2.49	161	iPd	07 30.65	0.3
			iS	07 58.56	
PEL	2.75	157	iP+	07 34.28	0.4
			iS	08 03.44	
LCCH	2.87	173	iPd	07 36.07	0.6
			iS	08 07.69	
RTCB	2.87	108	eP	07 36.00	0.3
			S	08 06.50	
ZON	2.99	109	eP	07 38.00	0.8
FCH	3.06	152	iP	07 39.12	0.6
			iS	08 11.41	
RTLL	3.10	104	ePd	07 38.00	-0.9
			S	08 11.60	
TACH	3.15	164	iPd	07 39.64	0.1
			iS	08 14.79	
RTCV	3.20	114	ePc	07 40.60	0.2
			S	07 51.60	
PCH	3.24	158	iP	07 40.88	-0.1
			iS	08 15.78	
LNv	3.36	172	iP	07 42.14	-0.3
			iS	08 18.26	
CFA	3.36	108	ePd	07 42.00	-0.6
MDZ	3.50	131	eP	07 46.20	1.7
RTPR	4.74	88	e(P)	07 59.20	-2.9X
RFA	5.09	145	ePd	08 05.60	-1.6
MRA	5.65	110	ePc	08 11.20	-3.8X
TCA	6.39	98	iP	08 28.80	3.2X
			(S)	09 26.10	

S.D. = 0.8 on 16 of 19 obs.

& OCT 28, 1992 18h 20m 00.24s
60.884 N 149.662 W
DEPTH = 42.2km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.5 (AEIC).

PTE	0.31	93	iPd	20 07.96	-0.8
			eS	20 14.81	
PMS	0.37	8	iPc	20 08.84	-0.6
MPA	0.42	159	iPc	20 09.52	-0.6
			eS	20 16.87	
SLKM	0.47	216	iPd	20 10.23	-0.5
			S	20 17.82	
PLRM	0.76	20	iPc	20 13.70	-0.8
PWA	0.78	352	iPc	20 14.43	-0.4
SUA	0.78	318	iPd	20 14.62	-0.5

NKA	0.79	260	eS	20 26.22	
			eP	20 16.23	1.3
KNK	0.79	47	iPc	20 14.41	-0.7
			eS	20 25.64	
SEW	0.79	172	ePc	20 14.15	-0.9
			S	20 25.69	
GHO	0.96	21	ePc	20 16.90	-0.6
			eS	20 30.46	
KNIM	1.09	119	ePd	20 17.89	-1.4
			eS	20 32.93	
SML	1.13	34	ePc	20 19.28	-0.6
			eS	20 34.99	
SPU	1.20	285	iPd	20 20.56	-0.4
			S	20 36.43	
CGLM	1.22	291	iPd	20 20.91	-0.2
LTI	1.23	133	eP	20 20.07	-1.2
GLI	1.26	89	iPd	20 20.37	-1.3
			eS	20 37.07	
CKN	1.27	287	eP	20 21.91	0.0
			eS	20 40.05	
CRP	1.27	289	iPd	20 22.00	0.0
			eS	20 39.12	
BRLK	1.28	209	eP	20 21.62	-0.3
			eS	20 38.71	
CKT	1.28	286	ePd	20 21.73	-0.3
BKG	1.28	280	iPd	20 21.95	-0.1
			eS	20 38.87	
CP2	1.31	288	eP	20 22.28	-0.3
NCG	1.32	294	eP	20 22.43	-0.2
CKL	1.34	285	ePd	20 22.72	-0.2
BGL	1.38	287	ePd	20 23.46	0.0
RDT	1.38	258	ePd	20 23.24	-0.3
SKT	1.42	322	ePc	20 24.00	0.0
			eS	20 41.86	
SCM	1.47	49	eP	20 24.57	-0.2
DFR	1.51	260	ePd	20 25.01	-0.4
			S	20 44.55	
VZW	1.53	82	eP	20 24.43	-1.1
REF	1.55	256	ePd	20 25.73	-0.2
			eS	20 45.17	
FID	1.57	94	ePd	20 24.08	-1.9
RDN	1.57	258	eP	20 25.95	-0.3
CNPM	1.57	211	ePc	20 25.75	-0.4
			eS	20 46.29	
RSO	1.58	256	ePd	20 26.34	-0.1
RS2	1.58	256	ePd	20 26.31	-0.1
			eS	20 45.82	
RS1	1.58	256	ePd	20 26.37	-0.1
			eS	20 46.17	
RDW	1.60	257	eP	20 26.31	-0.4
			eS	20 46.89	
NCT	1.64	260	ePd	20 26.99	-0.2
			eS	20 48.03	
VLZ	1.64	80	eP	20 26.26	-0.8
INE	1.88	245	eP	20 30.85	0.3
			S	20 53.70	
INW	1.90	246	eP	20 30.77	-0.2
KLU	1.91	70	ePd	20 30.18	-0.8
TOA	2.07	52	eP	20 32.84	-0.5
RND	2.56	8	eP	20 40.53	0.3
SDG	2.56	48	eP	20 39.21	-1.0
TRF	2.59	354	eP	20 41.53	0.7
PAX	2.88	42	eP	20 45.01	0.1
GLB	2.89	76	eP	20 43.54	-1.4
SVW	2.91	277	eP	20 44.38	-0.9
CROM	3.20	89	eP	20 47.15	-2.3
TGL	3.35	89	eP	20 49.10	-2.4
BALM	3.57	84	eP	20 52.48	-2.2

54 obs. associated

OCT 28, 1992 19h 16m 53.32 \pm 0.91s
37.860 N \pm 10.0km 20.245 E \pm 4.8km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)
ML 3.6 (ATH).

IGT	1.67	2	ePb	17 23.28	0.5
			eSb	17 46.30	
KEK	1.88	349	ePn	17 28.60	2.8X
AGG	2.01	54	iPb	17 29.08	1.4
			eSb	17 53.72	
VLI	2.43	117	ePn	17 38.80	5.1X
KZN	2.72	25	ePn	17 39.20	1.3X
ATH	2.75	87	ePn	17 38.20	0.0
LIT	2.84	37	ePn	17 40.08	0.5
FNA	3.05	16	ePn	17 43.29	0.8
SOI	3.32	275	P	17 45.50	-0.8

PAIG 3.38 51 ePn 17 46.60 -0.6
 eSn 18 25.60
 GRG 3.51 28 iPn 17 49.04 0.0
 TDS 3.54 302 P 17 50.50 1.0
 ATN 3.79 276 P 17 53.20 0.2
 SOH 3.81 38 ePn 17 52.36 -1.1
 BRT 3.83 323 P 17 53.10 -0.4
 KNT 3.88 31 iPn 17 54.25 -0.1
 VAY 3.89 27 iPn 17 54.30 -0.2
 SRS 4.16 37 iPn 17 57.56 -0.6
 SKO 4.21 12 ePn 17 58.10 -0.8
 1.2s 59.00nm
 i 18 14.00
 i 18 36.00
 i 18 46.00
 Lg 19 31.60
 DUI 5.85 312 P 18 28.60 6.3X
 S.D. = 0.8 on 16 of 20 obs.

% OCT 28, 1992 20h 08m 57.09±0.64s
 61.415 N ± 5.7km 5.817 E ± 5.5km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 2.3 (BER).

HYA 0.31 144 iPc 09 03.21 -0.3
 eS 09 07.60
 FOO 0.41 297 eP 09 05.35 -0.2
 eS 09 11.08
 SUE 0.62 235 eP 09 09.39 -0.2
 eS 09 17.56
 ASK 0.98 198 eP 09 15.90 0.2
 eS 09 29.54
 EGD 1.18 194 iPd 09 19.55 0.4
 eS 09 35.41
 MOL 1.42 34 iPd 09 23.24 0.4
 eS 09 42.53
 NRA0 2.86 101 Pn 09 43.35 -0.3
 Pg 09 47.48
 Sn 10 18.78
 Lg 10 26.25
 S.D. = 0.4 on 7 of 7 obs.

? OCT 28, 1992 21h 01m 25.50±4.88s
 35.738 S ± 38.8km 71.300 W ± 25.0km
 DEPTH = 110.0km (geophysicist)
 CENTRAL CHILE (136)
 MD 4.0 (SAN).

LNv 1.78 357 iP+ 01 56.40 0.3
 iS 02 17.70
 CHCH 1.88 17 iP 01 58.31 0.9
 iS 02 22.00
 TACH 2.10 8 iP 02 00.06 -0.2
 iS 02 25.41
 PCH 2.21 17 iP+ 02 02.30 0.5
 iS 02 29.92
 LCCH 2.27 354 iPd 02 01.90 -0.5
 iS 02 27.75
 RFA 2.51 68 ePc 02 05.70 -0.1
 S 02 33.80
 FCH 2.54 19 iPd 02 06.56 0.1
 iS 02 38.33
 PEL 2.64 11 iPd 02 07.52 0.1
 iS 02 39.74
 ROCH 2.77 5 iP+ 02 09.34 0.0
 iS 02 42.21
 JACH 3.10 11 iPd 02 13.36 -0.4
 iS 02 49.85
 RTLL 4.99 29 ePc 02 38.80 -0.6
 S.D. = 0.5 on 11 of 11 obs.

* OCT 28, 1992 21h 12m 34.42±0.99s
 44.475 N ± 11.0km 139.680 E ± 18.5km
 DEPTH = 33.0km (normal)
 4.7mb (5 obs.)
 EASTERN SEA OF JAPAN (223)

MAT 8.00 189 eP 14 31.00 -0.3
 0.9s 23.53nm 5.3mb
 eS 15 51.00
 GUN 45.63 267 P 20 54.00 0.1
 KKN 46.13 268 P 20 58.80 1.2
 PKI 46.17 267 P 20 57.80 -0.3
 DMN 46.36 268 P 20 59.80 0.3
 GKN 46.46 268 P 21 00.20 0.0
 MBC 49.81 18 eP 21 26.50 1.1

0.5s 1.00nm 4.1mb
 KAF 61.14 330 iP 22 45.40 -2.0
 0.2s 2.70nm 5.0mb
 HFS 66.80 334 eP 23 24.20 -0.2
 0.4s 2.30nm 4.6mb
 NB2 66.85 336 P 23 25.00 0.2
 0.6s 2.40nm 4.5mb
 S.D. = 1.0 on 10 of 10 obs.

% OCT 28, 1992 21h 22m 00.95±1.36s
 36.772 S ± 13.4km 177.154 E ± 8.9km
 DEPTH = 10.0km (geophysicist)
 OFF E. COAST OF N. ISLAND, N.Z. (160)
 ML 3.9 (WEL).

KUZ 1.15 271 P 22 22.40 -0.1
 eS 22 38.00
 HBZ 1.23 132 P 22 23.50 -0.4
 URZ 1.49 181 P 22 27.50 -0.2
 WLZ 1.66 228 eP 22 29.80 -0.3
 NOZ 1.97 159 eP 22 35.30 0.6
 WCZ 2.41 289 P 22 41.20 0.1
 MOZ 2.54 226 eP 22 43.10 0.2
 S.D. = 0.4 on 7 of 7 obs.

? OCT 28, 1992 21h 33m 39.62±2.52s
 43.022 N ± 21.3km 147.951 E ± 23.5km
 DEPTH = 33.0km (normal)
 4.5mb (1 obs.)
 KURIL ISLANDS (221)

KUSJ 2.38 273 eP 34 15.40 -1.7
 eS 34 41.30
 HOOJ 3.50 261 P 34 34.90 1.9X
 eS 35 12.30
 ASAJ 4.01 288 eP 34 41.30 1.0
 MRRJ 5.10 266 eP 34 56.30 0.6
 eS 35 50.40
 OFUJ 6.17 232 P 35 11.00 0.2
 S 36 16.10
 HFS 70.59 338 eP 44 52.90 -0.1
 0.4s 1.90nm 4.5mb
 S.D. = 1.5 on 5 of 6 obs.

* OCT 28, 1992 21h 54m 44.68±1.11s
 29.719 S ± 14.7km 176.487 W ± 14.6km
 DEPTH = 10.0km (geophysicist)
 KERMADEC ISLANDS REGION (177)

RAO 1.33 290 Pc 55 08.00 -1.2
 S 55 24.00
 KHZ 15.00 210 eP 58 18.10 -0.2
 DZM 17.13 292 iPc 58 47.00 1.2
 ODZ 18.36 210 eP 59 05.00 4.1X
 BRS 27.06 267 eP 00 30.20 0.9
 BJI 93.37 315 eP 08 01.00 0.0
 1.3s 20.00nm 5.4mb
 Z 24s 0.96um 5.2mszX
 OBN 145.34 327 iPKPd 14 23.20 -0.6
 1.1s 39.00nm
 Z 16s 0.20um 5.0mszX
 NUR 146.11 341 ePKP 14 25.00 0.0
 NB2 148.26 353 PKP 14 31.60 3.1X
 1.1s 11.00nm
 S.D. = 1.0 on 7 of 9 obs.

OCT 28, 1992 21h 55m 28.91±0.48s
 3.426 S ± 6.9km 145.294 E ± 9.9km
 DEPTH = 15.9km (3 depth phases)
 5.0mb (7 obs.) 4.6msz (4 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)

WWKK 1.68 263 eP 55 58.40 0.6
 MDG 1.88 165 eP 55 59.20 -1.4
 MNDI 3.16 211 iPd 56 24.00 4.8X
 PMG 6.22 163 eP 57 04.00 1.7
 eS 57 51.00
 RAB 6.90 97 e(P) 57 08.00 -3.9X
 HNR 15.73 113 eP 59 12.00 0.5
 eS 59 20.50
 MTN 16.85 235 eP 59 27.00 1.3
 ASPA 22.94 208 iPd 00 33.10 -0.5
 0.8s 28.40nm 4.8mb
 eS 04 43.80
 RMO 23.17 172 eP 00 35.30 -0.5
 1.0s 59.00nm 5.1mb
 CMS 27.92 179 eP 01 16.00 -4.4X

WARB 28.85 217 eP 01 28.00 -0.9
 MAT 40.31 351 eP 03 05.00 -2.2
 Z 20s 0.35um 4.2msz
 eS 09 04.00
 SSE 41.31 328 eP 03 17.50 2.1
 Z 20s 1.40um 4.8msz
 N 18s 0.70um
 S 09 35.00

OFUJ 42.43 356 eP 03 26.80 2.3
 KUSJ 46.31 359 eP 03 56.30 0.7
 ASAJ 47.39 357 eP 04 06.80 2.6X
 TIA 47.41 329 eP 04 00.60 -3.9X
 GYA 47.72 311 P 04 13.00 5.7X
 Z 20s 0.50um 4.5msz
 NST 48.54 294 eP 04 17.50 3.9X
 KHT 49.67 293 eP 04 22.30 0.0
 KMI 50.09 307 eP 04 27.00 1.2
 1.7s 50.00nm 5.2mb
 pP 04 31.50 15km

CN2 50.29 341 eP 04 26.60 0.0
 1.0s 6.10nm 4.5mb
 XAN 50.63 320 P 04 28.00 -1.4
 Z 28s 1.00um 4.7mszX
 TIY 51.03 326 eP 04 31.00 -1.5
 Z 30s 1.56um 4.9mszX
 E 19s 0.86um

CD2 52.27 314 P 04 41.80 -0.2
 0.6s 22.00nm 5.3mb
 HHC 53.76 329 eP 04 51.80 -1.1
 BTO 54.40 327 eP 04 57.00 -0.6
 LZH 55.16 319 eP 05 06.00 2.6
 1.5s 32.00nm 5.1mb
 Z 24s 0.58um 4.6mszX
 E 15s 0.43um
 pP 05 11.00 16km
 sP 05 13.50
 eS 12 45.00

GTA 59.69 320 eP 05 34.00 -1.2
 1.0s 6.00nm 4.7mb
 Z 22s 0.59um 4.7msz
 pP 05 39.00 16km
 sP 05 42.00
 LSA 61.35 307 P 05 46.80 -0.3
 HYB 68.98 290 eP 06 34.60 -1.5
 WMQ 69.74 319 P 06 40.00 -0.4
 KSH 76.38 312 P 07 24.50 4.9X
 OUE 81.67 301 eP 07 49.00 0.5
 ZOBO 141.59 122 ePKP 14 59.00 -4.1X
 KIC 150.01 277 (PKP) 15 17.00 0.8
 TIC 150.26 277 (PKP) 15 16.00 -0.6
 S.D. = 1.3 on 28 of 37 obs.

% OCT 28, 1992 22h 20m 27.98±6.67s
 43.308 N ± 32.9km 20.073 E ± 36.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.1 (TTG).

IVA 0.45 196 iPgC 20 37.23 0.0
 iSg 20 49.27
 PLE 0.50 273 iPgD 20 37.84 -0.2
 iSg 20 49.76
 PVY 0.72 186 iPgD 20 41.47 -0.7
 iSg 20 56.42
 NKY 0.93 238 iPgC 20 45.29 -0.5
 TTG 1.06 214 iPgC 20 48.46 0.5
 iSg 21 07.79
 BRY 1.19 251 iPgD 20 49.76 -0.5
 iSg 21 10.56
 HCY 1.44 234 iPnd 20 55.61 1.5
 iSn 21 19.17
 S.D. = 0.9 on 7 of 7 obs.

* OCT 28, 1992 23h 15m 55.18±2.16s
 37.758 N ± 14.1km 20.921 E ± 19.2km
 DEPTH = 10.0km (geophysicist)
 IONIAN SEA (399)
 ML 3.4 (ATH), 3.4 (THE).

AGG 1.68 41 ePb 16 24.08 -0.7
 eSb 16 47.72
 IGT 1.83 346 ePb 16 27.16 0.2
 eSb 16 54.48
 VLI 1.91 122 ePn 16 28.00 -0.1
 KEK 2.14 336 ePn 16 37.40 6.0X
 ATH 2.22 84 ePn 16 33.00 0.4
 KZN 2.63 14 ePn 16 40.30 1.8

28d 23h

LIT 2.64 27 ePn 16 39.00 0.4
 FNA 3.04 7 ePn 16 43.92 -0.3
 KNT 3.73 24 ePn 16 52.72 -1.3
 VAY 3.78 19 iPn 16 55.50 0.8
 SKO 4.23 5 ePn 16 59.90 -1.2
 1.2s 39.00nm

i 17 04.00
 i 17 11.70
 e 17 48.50
 Lg 18 30.00

S.D. = 1.1 on 10 of 11 obs.

OCT 29, 1992 00h 08m 27.14 ± 0.97s
 6.757 N ± 6.9km 72.857 W ± 8.6km
 DEPTH = 176.4 ± 9.2 km
 4.0mb (2 obs.)

NORTHERN COLOMBIA (99)

SDV 3.05 46 iPnc 09 17.80 0.8
 TOV 4.27 45 iPnc 09 32.70 0.3
 CEOS 5.02 63 iPc 09 42.00 -0.1
 MORO 6.07 47 ePd 09 42.00 -14.0X
 LLAY 7.03 58 eP 10 08.10 -0.6
 GUAN 7.81 65 eP 10 18.30 -0.8
 PCJ 11.70 339 iPd 11 10.16 0.3
 STH 11.90 341 iPd 11 11.84 -0.6
 S 13 11.21

ZOBO 23.37 168 P 13 22.00 0.2
 LPB 23.61 169 eP 13 23.00 -0.9
 CNCB 23.91 168 P 13 27.70 0.9
 LMN 39.57 9 ePc 15 47.10 4.6X
 EEO 40.10 353 ePc 15 50.80 4.0X
 JAO 46.96 358 eP 16 42.00 0.1
 ULM 47.43 340 ePd 16 47.00 1.4
 LRM 51.78 325 eP 17 18.30 -0.8
 SES 53.88 331 iPd 17 33.20 -1.0
 TIC 67.32 86 P 19 05.40 -0.2
 LIC 67.34 86 P 19 05.60 -0.1
 KIC 67.62 86 P 19 07.50 0.1
 MBC 73.91 350 ePd 19 44.10 0.1
 0.5s 4.00nm 4.4mb
 GEC2 82.70 42 P 20 33.20 0.8
 0.7s 0.80nm 3.6mb

S.D. = 0.7 on 19 of 22 obs.

& OCT 29, 1992 00h 34m 27.32s
 60.137 N 152.005 W
 DEPTH = 59.8km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 2.5 (AEIC).

RDT 0.48 336 eP 34 38.46 -0.8
 REF 0.50 316 iP 34 38.97 -0.6
 RSO 0.50 312 iP 34 39.07 -0.5
 RS1 0.50 311 P 34 38.78 -0.8
 RS2 0.50 311 iP 34 39.09 -0.5
 HOM 0.51 159 eP 34 38.69 -0.8
 RDW 0.53 311 iP 34 39.33 -0.6
 INE 0.54 262 iP 34 39.22 -0.7
 DFR 0.57 324 eP 34 39.46 -0.8
 INW 0.57 263 eP 34 39.60 -0.6
 NCT 0.63 313 iP 34 40.37 -0.5
 BRLK 0.68 123 eP 34 40.68 -0.7
 XLV 0.70 168 eP 34 42.87 1.2
 NKA 0.72 32 eP 34 43.08 1.2
 CNPM 0.73 147 eP 34 41.40 -0.6
 OPT 0.79 232 eP 34 42.64 -0.1
 BKG 0.95 352 eP 34 44.14 -0.7

SLKM 0.96 66 eS 34 57.00
 AUL 1.05 224 eP 34 43.86 -1.2
 SPU 1.05 359 iP 34 45.36 -0.8
 CKT 1.07 355 eP 34 45.42 -0.8
 CKL 1.08 351 eP 35 00.29
 CKN 1.09 356 eP 34 45.98 -0.6
 CRP 1.14 356 eP 35 00.62
 CP2 1.14 354 eP 34 46.09 -0.5
 BGL 1.15 351 eP 35 01.14
 PDB 1.15 253 eP 34 46.52 -0.3
 CGLM 1.17 360 eP 35 01.35
 NCG 1.27 357 eP 34 47.06 -0.4
 SEW 1.28 90 eP 35 02.42
 MPA 1.36 74 eP 34 47.85 0.3
 SYI 1.54 188 eP 35 03.03
 PMS 1.64 46 eP 34 47.30 -0.3
 PTE 1.65 62 eP 35 03.20
 SKT 1.86 7 eP 34 46.62 -1.0
 SVW 2.03 300 eP 35 01.86
 LTI 2.08 91 eP 34 47.35 -0.6
 KNIM 2.14 82 eP 34 48.91 -0.4
 SML 2.45 45 eP 35 05.97
 GLI 2.54 71 eP 34 49.24 0.0
 FID 2.81 75 eP 35 06.27
 VLZ 2.97 68 eP 34 50.25 -0.2
 KLU 3.28 63 eP 35 08.26
 45 obs. associated

OCT 29, 1992 01h 01m 41.55 ± 0.64s
 33.049 N ± 10.2km 26.180 E ± 6.3km
 DEPTH = 10.0km (geophysicist)
 EASTERN MEDITERRANEAN SEA (371)
 MD 3.8 (HLW).

ELL 4.80 39 ePn 03 03.40 7.7X
 PCY 5.44 69 eP 03 09.50 4.9X
 BCK 5.69 38 ePn 03 08.00 -0.2
 KOT 5.74 121 ePn 03 08.50 -0.3
 CSS 6.24 70 ePn 03 08.50 -0.3
 ZNT 7.51 94 eP 03 08.50 -0.3
 ATZ 7.65 89 eP 03 08.50 -0.3
 DSI 7.93 98 eP 03 08.50 -0.3
 HRI 8.02 86 eP 03 08.50 -0.3
 SALJ 8.09 95 P 03 08.50 -0.3
 KFNJ 8.11 96 Pd 03 08.50 -0.3
 DHLJ 8.15 103 Pd 03 08.50 -0.3
 HOL 8.48 114 eP 03 08.50 -0.3
 AYN 9.40 114 eP 03 08.50 -0.3
 SOI 9.65 304 P 03 08.50 -0.3
 ATN 10.10 303 P 03 08.50 -0.3
 S.D. = 0.3 on 10 of 16 obs.

* OCT 29, 1992 02h 01m 24.43 ± 2.55s
 28.863 S ± 20.5km 69.974 W ± 14.1km
 DEPTH = 158.1 ± 27.1 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 4.2 (SAN).

TLL 1.49 209 iPc 01 54.80 -0.3
 RTLL 2.78 152 iPc 02 09.90 -0.3
 RTCV 3.24 158 iPc 02 15.70 0.0
 CYA 3.70 85 iPc 02 22.00 0.4

JACH 3.84 188 iPd 02 24.30 0.7
 MDZ 4.12 167 eP 03 10.86
 ROCH 4.19 192 iP+ 02 44.40 17.2X
 PEL 4.31 188 iPd 02 28.60 0.3
 FCH 4.46 183 iPd 03 18.60
 PCH 4.77 185 iPd 02 29.85 0.2
 LCCH 4.80 196 iPd 03 21.46
 TACH 4.85 190 iP 02 32.96 1.0
 MRA 5.10 135 e(P) 03 26.49
 LNV 5.22 193 iP 02 36.20 0.5
 TCA 5.28 119 iP 03 32.30
 WRA 126.10 209 PKP 02 34.96 -1.1
 0.5s 0.30nm
 S.D. = 0.8 on 13 of 16 obs.

OCT 29, 1992 02h 40m 08.82 ± 0.28s
 22.379 S ± 4.3km 68.533 W ± 9.0km
 DEPTH = 118.0km (28 depth phases)
 4.8mb (15 obs.)
 NORTHERN CHILE (123)

ANT 2.18 232 iP+ 40 43.80 -1.1
 CNCB 5.56 5 P 41 08.00
 LPB 5.83 4 P 41 32.20 1.1
 ZOBO 6.07 4 P 41 36.00 1.3
 ARE 6.51 334 eP 43 20.00
 CYA 6.53 158 eP 41 37.90 -0.3
 RTPR 8.10 167 ePd 42 52.00
 RTLL 8.92 180 ePc 41 40.00 -3.9X
 RTCB 9.07 181 ePd 42 45.00
 CFA 9.20 178 e(P) 41 45.50 1.7
 RTBS 9.28 185 e(P) 42 05.10 0.0
 RTCV 9.44 180 ePd 42 14.70 -1.5
 TCA 9.59 159 iPc 42 48.00
 MRA 10.30 167 e(P) 42 20.40 2.0
 MDZ 10.47 181 eP 42 51.00
 NNA 13.02 321 iPc 42 18.60 -1.4
 0.8s 14.93nm 4.6mb
 ITB1 13.17 103 e(P) 42 20.50 -0.5
 ITB 13.35 103 e(P) 42 22.00 -1.3
 ITB7 13.43 105 e(P) 42 55.00
 VAO 19.91 96 eP 42 24.00 -1.3
 BAO 20.54 75 e(P) 43 08.00
 PDCR 29.66 76 eP 42 34.00 -0.7
 JSC 57.63 348 eP 42 34.90 -12.1X
 LHS 57.73 348 eP 43 17.00 6.4X
 CEH 58.81 350 eP 44 28.30
 UYO 61.40 336 iPd 43 28.30 4.6X
 MIAR 61.41 337 eP 43 25.00 10.2X
 44 33.40 -0.1
 44 34.10 3kmX
 44 37.90
 44 38.80 7kmX
 44 39.70
 44 40.60
 44 42.40
 44 48.30
 44 50.60
 44 57.40
 45 06.30
 45 13.70
 45 17.60
 45 26.70
 45 38.40
 45 48.10
 46 15.40
 46 16.50
 46 25.50
 46 43.80
 46 53.70
 46 03.80 -1.8
 49 47.74 -1.0
 49 48.30 -1.1
 50 17.87 123km
 50 29.79
 49 55.89 -1.0
 50 25.13 121km
 50 13.50 -1.2
 50 12.90 -1.8

[illegible]

29d 04h

CAN	33.40	232	iPd	54	45.40	0.9	CFR	144.28	326	ePKPd	07	22.60	-1.6		0.8s	25.65nm				
			e	54	53.80		DVR	144.43	318	iPKP	07	23.70	-1.1	BGF	151.04	357	ePKP	07	40.80	5.9X
BWA	33.50	234	iPd	54	44.10	-1.2	WIT	144.53	354	ePKP	07	25.00	0.6		0.7s	22.40nm				
			e	54	54.70		VRI	144.54	328	ePKPd	07	14.00	-10.7X	TCF	151.33	358	ePKP	07	41.40	6.1X
CMS	34.64	240	iP	54	56.00	1.2	KSP	144.59	343	iPKPd	07	24.10	-0.5		0.9s	18.65nm				
LAT	34.81	284	eP	54	57.20	0.8		1.1s	91.00nm				LSF	151.39	359	ePKP	07	41.30	5.9X	
QLP	35.05	249	iPd	54	58.20	-0.1	BBTK	144.61	315	ePKP	07	24.30	-0.9		0.9s	32.75nm				
TOO	36.89	230	iPd	55	14.40	1.1	SGKT	144.71	317	ePKP	07	24.80	-0.6	MAF	151.39	358	ePKP	07	41.80	6.4X
	1.0s	402.00nm			6.0mb		BHL	144.93	304	PKP	07	24.00	-1.8		0.7s	10.45nm				
BFD	38.94	232	iPd	55	30.90	1.0	CLL	144.98	347	iPKPd	07	25.10	-0.1	AGG	151.62	323	ePKP	07	41.17	5.2X
	0.9s	54.00nm			5.2mb			1.2s	85.00nm				LPL	151.71	351	ePKP	07	43.20	7.0X	
WWKK	39.08	286	iPc	55	49.50	18.1X	HRI	145.06	303	ePKP	07	26.50	0.4		0.9s	16.05nm				
QIS	39.08	259	eP	55	30.10	-1.2	BRG	145.17	346	iPKP	07	25.10	-0.5	LPG	151.72	351	ePKP	07	43.30	7.0X
ADE	41.28	237	iPd	55	41.50	-7.4X		1.2s	44.00nm					0.8s	9.25nm					
WRA	44.06	259	P	56	09.60	-1.3	MLR	145.20	329	ePKPd	07	25.00	-1.0	RJF	152.33	359	ePKP	07	43.60	6.8X
	0.7s	25.40nm			4.9mb		WTS	145.33	354	ePKP	07	26.00	0.3		0.5s	6.25nm				
ASPA	44.27	254	iPd	56	11.80	-0.6	NAL	145.39	317	ePKP	07	26.80	0.3	CAF	152.70	358	ePKP	07	44.70	7.4X
	0.6s	573.40nm			6.3mb X		GYN	145.69	318	ePKP	07	28.00	1.1		0.5s	4.10nm				
		iPcP	57	44.60			PRU	145.84	344	PKP	07	27.50	0.8	LFF	152.70	0	ePKP	07	44.50	7.2X
		eScP	00	22.10				0.9s	12.30nm				LPO	152.96	360	ePKP	07	45.10	7.5X	
		iS	02	03.80			DSI	145.85	301	ePKP	07	28.60	1.3		0.6s	5.30nm				
		eScS	04	36.30			VRAC	145.88	342	ePKP	07	27.70	1.0	EPF	154.61	1	ePKP	07	35.30	-4.7X
MTN	48.16	268	eP	56	41.00	-1.3		1.4s	104.30nm					1.0s	66.00nm					
FORT	49.57	244	iPd	56	51.70	-0.8	MOX	145.90	348	ePKP	07	27.90	1.1	LIC	167.33	152	PKP	07	53.40	-0.4
	0.9s	466.00nm			6.0mb			1.9s	36.00nm				KIC	167.57	153	PKP	07	53.80	-0.2	
WARB	50.79	250	iPd	57	00.70	-0.9	PSZ	145.96	337	ePKP	07	28.20	1.1	TIC	167.70	151	PKP	07	54.00	-0.1
MBL	57.44	256	iPd	57	46.90	-1.5	COZ	146.11	330	iPKPd	07	29.50	2.0		S.D. = 1.0 on 112 of 164 obs.					
	0.3s	32.00nm			5.1mb		CSS	146.35	307	ePKP	07	29.60	1.6		OCT 29, 1992 05h 54m 01.52±1.13s					
KLB	58.40	243	eP	57	53.90	-1.0	SRO	146.63	339	iPKP	07	30.60	2.6X		17.461 N ± 7.6km 61.651 W ± 9.4km					
	0.3s	24.00nm			5.0mb		ENN	0.8s	7.00nm			2.1		DEPTH = 10.0km (geophysicist)						
RKG	58.96	240	eP	57	58.00	-0.5	ZST	146.70	340	iPKP	07	30.70	2.6X		LEEWARD ISLANDS (92)					
BAL	59.35	244	eP	58	00.00	-1.2		0.9s	18.90nm					MD 3.2 (TRN). ML 3.2 (FDF).						
NANU	61.20	254	iPd	58	13.00	-0.4	MBH	146.72	298	ePKP	07	31.20	2.4	CPB	0.24	317	eP	54	06.88	0.2
	0.3s	29.00nm			5.2mb		KHC	146.87	345	PKP	07	31.00	2.6X			eS	54	12.51		
CGP	61.25	290	iPd	58	12.00	-1.8		1.0s	16.10nm				2.6X	BPA	0.46	205	eP	54	11.60	0.8
MAT	67.24	324	eP	58	48.00	-3.1X	GRF	146.88	348	ePKP	07	31.00	2.6X			S	54	18.60		
KKM	68.03	284	ePc	58	56.00	-0.5	WET	147.03	346	iPKPc	07	31.60	2.9X	MGH	0.91	216	eP	54	18.64	-0.4
	0.6s	35.10nm			5.1mb		GEC2	147.11	344	PKP	07	27.90	-1.0			S	54	31.30		
SPA	72.55	180	iPc	59	23.60	1.3	PPCY	147.13	308	ePKP	07	31.00	1.8	NEV	0.94	250	eP	54	19.08	-0.3
	1.0s	60.00nm			5.1mb		DOU	147.41	356	PKP	07	31.80	2.6X			eS	54	30.10		
NJ2	77.22	310	Pc	59	48.50	0.1	WLF	147.70	354	iPKPd	07	33.28	3.7X	SKI	1.05	263	eP	54	10.82	-10.4X
MDJ	77.53	325	eP	59	49.70	-0.1	ALN	148.24	322	ePKP	07	33.04	2.3	DEG	1.27	154	eP	54	25.10	-0.1
	1.0s	18.00nm			4.5mb		FUR	148.32	347	ePKP	07	32.60	1.9			S	54	42.20		
CN2	79.35	323	Pc	59	59.10	-0.3			i	07	34.80		PAG	1.42	181	eP	54	27.06	-0.4	
	1.0s	24.00nm			4.6mb				e	07	39.60				S	54	46.20			
		eP	01	55.50	540kmX		BHG	148.36	345	iPKPd	07	34.50	3.7X	MGG	1.57	168	eP	54	29.71	0.3
SONR	79.37	45	eP	00	00.50	0.4	CDF	148.79	352	ePKP	07	35.60	4.1X		S.D. = 0.5 on 7 of 8 obs.					
TNP	80.17	45	eP	00	03.00	-1.1	KBA	148.83	343	iPKPc	07	34.90	3.1X	? OCT 29, 1992 06h 09m 32.54±1.47s						
PP1	80.82	272	eP	00	08.00	0.3		0.7s	18.95nm					46.204 N ± 20.8km 151.709 E ± 23.0km						
MAW	83.97	200	iPd	00	24.80	2.3	WATA	149.03	346	iPKPc	07	35.70	3.7X		DEPTH = 33.0km (normal)					
	0.8s	41.00nm			5.1mb		LDF	149.04	1	ePKP	07	35.70	3.9X		4.1mb (3 obs.)					
GYA	84.30	300	iPc	00	25.60	0.5	WTTA	149.09	346	iPKPc	07	36.10	3.9X		KURIL ISLANDS (221)					
	1.0s	19.00nm			4.7mb			0.6s	36.50nm					KUSJ	5.88	241	eP	10	58.90	-0.7
TIY	84.55	312	Pc	00	26.20	0.2	GRR	149.22	2	ePKP	07	36.40	4.4X			eS	12	00.30		
XAN	85.53	308	Pd	00	30.50	-0.2		0.7s	27.65nm				4.4X	ASAJ	6.74	255	eP	11	18.80	7.1X
	1.0s	43.00nm			5.1mb		SQTA	149.23	346	iPKPc	07	36.30	4.0X	HOJ	7.15	241	eP	11	18.10	0.7
FBA	85.61	13	eP	00	29.50	-0.9		0.8s	24.40nm							eS	12	35.60		
	1.0s	1.10nm			3.5mb X		HAU	149.31	353	ePKP	07	36.70	4.4X	MAT	13.98	231	eP	12	58.00	7.6X
PV10	85.96	48	eP	00	33.00	0.0		0.6s	11.55nm						0.7s	7.53nm			4.5mb	
ALO	86.39	52	iP	00	38.20	3.2X	BSF	149.43	352	ePKP	07	36.90	4.4X	KKN	54.57	275	P	19	00.00	-0.1
	1.0s	4.50nm			4.2mb		SRS	149.48	325	ePKP	07	36.16	3.4X	WRA	67.69	198	P	20	28.50	0.0
		eP	02	39.20	553km		LPF	149.57	3	ePKP	07	37.30	4.7X		0.8s	0.50nm			3.7mb	
HHC	86.57	315	P	00	36.20	0.6		0.7s	48.05nm					NB2	68.43	341	P	20	32.80	0.0
KMI	87.10	297	eP	00	39.50	0.9	KNT	149.83	326	iPKP	07	37.04	3.8X		0.5s	1.00nm			4.2mb	
	1.5s	60.00nm			5.1mb		VAY	149.89	326	iPKP	07	37.40	4.1X		S.D. = 0.7 on 5 of 7 obs.					
BTO	87.51	314	eP	00	39.40	-0.7			i	07	46.60			? OCT 29, 1992 06h 39m 07.95±16.18s						
8W06	87.55	44	iP	00	40.00	-0.4														

& OCT 29, 1992 07h 07m 30.76s 34.595 N 116.600 W DEPTH = 5.3km SOUTHERN CALIFORNIA (43) <PAS-P>. ML 2.7 (PAS).	ORZ 37.52 158 P 31 37.00 0.7 NOZ 38.13 150 P 31 40.60 -0.8 TSM 38.34 286 ePc 31 31.10 -12.4X 0.5s 443.90nm e 32 56.00 THZ 38.47 158 P 31 43.90 -0.5 TCW 38.53 156 P 31 44.00 -0.8 MRW 38.72 156 P 31 46.50 0.2 CAW 38.77 155 P 31 46.20 -0.6 PGZ 38.89 154 P 31 47.10 -0.6 MTW 38.99 155 P 31 47.60 -1.1 MOW 39.11 155 P 31 47.20 -2.4 LTZ 39.13 159 P 31 49.90 0.1 0.7s 51.00nm 5.6mb 8LW 39.16 155 P 31 48.90 -1.1 KHZ 39.27 158 P 31 49.90 -1.0 0.9s 87.00nm 5.7mb TGY 39.37 302 iPc 31 51.00 -1.0 COOL 39.55 228 eP 31 52.00 -1.4 QVP 39.56 303 eP 31 54.20 0.6 MQZ 40.08 160 P 31 56.90 -0.6 KKM 40.43 287 ePc 31 50.40 -10.5X 1.1s 163.70nm CVP 40.52 307 ePd 32 05.40 3.9X ODZ 40.63 163 P 32 00.60 -1.4 NANU 40.86 243 iPd 32 05.10 0.8 e 36 07.00 KL8 42.42 229 ePc 32 16.30 -0.7 0.3s 7.00nm 5.0mb BAL 42.79 231 eP 32 19.00 -0.9 KAGJ 44.03 330 eP 32 30.90 0.9 RKG 44.41 226 eP 32 34.00 1.0 KUMJ 45.16 331 eP 32 37.10 -1.9 MAT 45.72 341 eP 32 35.00 -8.4X 1.2s 10.94nm 4.6mb SHNJ 46.35 333 eP 32 47.80 -0.5 YAMJ 46.70 344 eP 32 50.00 -1.1 OFUJ 47.14 346 eP 32 55.00 0.5 QZH 47.17 313 Pd 32 55.50 0.5 1.0s 260.00nm 6.1mb Z 18s 46.60um 6.5Msz N 16s 29.00um HKC 49.05 307 eP 33 10.00 0.4 SSE 49.40 321 Pc 33 10.00 -2.1 1.4s 39.00nm 5.2mb QIZ 51.05 301 eP 33 26.70 1.7 NJ2 51.51 321 Pd 33 30.00 1.8 N 14s 11.30um E 14s 3.50um KGM 52.00 278 eP 33 25.00 e 33 33.00 0.8 34 42.10 WHN 53.53 316 eP 33 44.00 0.8 HON 54.14 58 P 33 50.11 2.2 Z 19s 7.80um 5.8Msz S 41 22.40 PPI 54.50 274 eP 33 50.00 -0.7 YSS 54.54 350 ePc 33 48.60 -1.8 1.0s 10.00nm 4.8mb IPM 54.72 280 ePc 33 52.00 -0.3 1.3s 229.70nm 6.0mb e 33 55.00 TIA 55.36 323 eP 33 57.20 0.6 SNG 55.67 283 eP 33 59.50 0.4 MDJ 55.87 339 eP 33 57.90 -2.2 1.4s 96.00nm 5.6mb CN2 56.81 335 eP 34 04.80 -2.0 1.2s 80.00nm 5.7mb Z 19s 9.56um 5.9Msz N 14s 3.76um E 14s 1.76um GYA 57.04 307 iPc 34 08.80 -0.1 1.0s 150.00nm 6.1mb Z 16s 18.90um 6.3MszX N 13s 9.31um E 13s 2.82um SKR 57.17 1 eP 34 08.60 -0.6 1.0s 110.00nm 5.9mb LOE 57.54 295 eP 34 13.00 0.7 NNT 57.88 289 eP 34 14.80 0.0 NST 58.42 293 eP 34 21.80 3.3X e 35 24.00 BJI 58.52 326 eP 34 19.00 0.2 1.6s 100.00nm 5.7mb TIY 59.18 322 Pc 34 23.60 0.0 Z 20s 28.90um 6.4Msz	N 17s 14.50um PP 36 28.50 XAN 59.29 316 P 34 23.00 -1.4 Z 16s 21.40um 6.4MszX N 16s 12.60um E 18s 17.10um KHT 59.57 291 eP 34 25.20 -1.3 KMI 59.61 304 Pc 34 27.50 0.6 1.2s 650.00nm 6.6mb X Z 16s 17.40um 6.3MszX N 15s 8.50um E 15s 10.20um BDT 59.94 294 eP 34 28.50 -0.5 e 35 36.50 CHG 60.50 296 ePc 34 33.30 0.4 eS 40 16.00 CD2 61.40 311 iPd 34 39.10 0.3 1.0s 350.00nm 6.4mb Z 16s 18.10um 6.3MszX E 15s 17.70um PcP 35 23.50 SMY 61.49 13 P 34 50.00 11.1X Z 20s 4.69um 5.6Msz HHC 61.69 324 P 34 42.00 1.3 1.2s 28.00nm 5.3mb Z 19s 23.90um 6.4Msz N 18s 16.40um E 19s 11.00um pP 34 54.00 41kmX PP 36 52.00 BTO 62.45 323 eP 34 44.00 -1.7 N 14s 3.91um E 14s 8.27um ADK 63.31 19 eP 34 51.90 0.9 0.7s 76.80nm 5.8mb LZH 63.90 316 P 34 55.00 -0.5 1.5s 170.00nm 5.8mb Z 22s 23.40um 6.3Msz N 17s 17.00um pP 35 05.00 32kmX sP 35 10.00 MGD 66.68 358 eP 35 12.00 -0.6 1.8s 90.00nm 5.4mb CSY 66.77 198 P 35 15.89 2.7X CIT 68.19 334 eP 35 22.00 -0.4 GTA 68.33 317 P 35 23.20 -0.4 1.4s 110.00nm 5.6mb pP 35 30.20 22kmX sP 35 33.00 LSA 70.86 304 iPc 35 41.00 1.3 1.0s 91.00nm 5.7mb N 16s 9.00um YAK 71.20 348 iPd 35 39.00 -1.5 i 35 50.00 e 36 03.00 SBA 71.38 177 iPc 35 43.00 1.7 SDN 72.12 25 P 36 00.00 14.0X Z 20s 1.59um 5.3Msz BOD 72.20 339 eP 35 44.30 -2.2 1.5s 50.00nm 5.2mb IRK 72.69 330 eP+ 35 50.20 0.7 1.5s 43.00nm 5.2mb e 38 35.00 iS 45 34.00 MOY 74.03 329 eP 35 57.00 -0.2 GUN 74.71 301 P 36 02.50 0.3 PKI 75.02 301 P 36 03.90 -0.1 KKN 75.19 301 P 36 04.70 -0.1 DMN 75.29 301 P 36 05.90 0.5 GKN 75.79 301 P 36 08.30 0.2 ANM 77.06 17 eP 36 13.90 -0.3 SVW 77.85 22 eP 36 20.57 1.8 1.3s 221.00nm 5.9mb WMQ 78.41 317 P 36 22.20 0.0 1.2s 30.00nm 5.1mb TTA 78.88 21 ePd 36 22.01 -2.4 1.2s 23.73nm 5.0mb HYB 78.89 289 ePc 36 25.10 -0.1 1.4s 350.00nm 6.1mb e 36 33.80 eS 44 54.00 SPU 79.27 23 eP 36 27.34 0.8 GBA 79.28 285 P 36 28.00 0.7 SLKM 79.62 24 eP 36 26.81 -1.5 PMR 80.66 24 eP 36 35.50 1.7 1.0s 48.80nm 5.4mb PMR 80.66 24 eP 36 32.36 -1.4
--	---	--

FNA	126.37	317	ePKP	43	23.96	-0.2
AGG	126.45	314	ePKP	43	16.68	-7.7X
MOX	126.52	332	ePKP	43	26.30	2.2
	Z 21s		3.90um			6.1MsZ
	N 19s		3.10um			
	E 22s		4.50um			
			eS	55	00.00	
KHC	126.54	329	PKP	43	24.40	0.2
	1.3s		15.10nm			
	Z 22s		4.80um			6.1MsZ
	N 22s		2.80um			
	E 22s		2.30um			
			e	43	40.00	
			e	43	47.80	
GEC2	126.66	329	PKP	43	23.70	-0.8
	0.7s		5.82nm			
VBY	127.82	325	iPKP	43	29.60	2.9X
LMN	128.23	34	ePKP	43	30.50	3.0X
WTTA	128.73	328	iPKPd	43	28.50	-0.1
	1.0s		30.00nm			
BSF	130.75	332	ePKP	43	35.70	3.3X
HAU	130.83	332	ePKP	43	36.00	3.6X
	Z 22s		3.20um			6.0MsZ
CNCB	131.77	120	PKP	43	37.00	1.3
			e	47	02.00	
LPB	131.79	119	PKP	43	36.80	1.2
			e	46	45.00	
LPL	132.42	330	ePKP	43	39.80	4.0X
LPG	132.42	330	ePKP	43	39.80	3.9X
	0.4s		3.05nm			
LOR	132.51	333	ePKP	43	39.50	3.9X
	0.5s		3.65nm			
	Z 22s		3.97um			6.1MsZ
SSF	132.82	333	ePKP	43	40.20	4.0X
	0.7s		8.95nm			
SBF	133.19	328	ePKP	43	40.50	3.4X
BGF	133.50	333	ePKP	43	41.50	4.0X
	0.4s		4.10nm			
FRF	133.82	328	ePKP	43	42.00	3.8X
LPF	133.94	337	ePKP	43	41.60	3.4X
	0.5s		12.85nm			
TCF	133.99	334	ePKP	43	42.60	4.1X
LMR	134.05	328	ePKP	43	42.50	3.9X
LSF	134.32	334	ePKP	43	42.90	3.9X
SDV	135.07	84	ePKP	43	40.80	-0.8
TOV	135.90	83	ePKP	43	42.90	-0.1
ETOR	140.19	332	ePKP	43	47.50	-2.8X
GUD	141.28	334	ePKP	43	55.90	3.6X
VAO	143.65	145	ePKP	43	50.70	-6.1X
EHOR	144.07	332	ePKP	43	56.20	-0.8
MAL	144.55	330	ePKP	43	54.00	-3.8X
EPRU	144.76	332	iPKPd	43	59.40	1.2
EVAL	144.94	334	ePKP	43	59.90	1.4
EJIF	145.29	331	ePKP	44	05.00	5.9X
BMA	145.44	148	ePKPc	44	00.30	0.5
			e	44	11.10	
			e	44	20.90	
IFR	147.42	328	iPKP	44	09.00	6.1X
			i	44	11.00	
BAO	148.41	135	e(PKP)	44	02.00	-2.9X
			e	44	04.00	
			e	44	05.60	
			e	44	08.00	
			e	44	11.30	
			e	44	12.20	
			e	44	14.50	
			e	44	18.70	
			e	44	29.60	
			e	44	37.60	
			e	44	40.50	
			e	44	44.70	
			e	44	48.30	
			e	44	52.30	
			e	44	54.50	
			e	45	05.50	
			e	45	06.50	
			e	45	11.30	
			e	45	14.10	
			e	45	23.40	

e 44 59.60
 e 48 49.00
 LIC 159.83 270 PKP 44 20.70 0.5
 1.2s 22.00nm
 TIC 159.84 271 PKP 44 20.44 0.2
 e 44 59.40

S.D. = 1.0 on 184 of 256 obs.

OCT 29, 1992 07h 29m 57.64 ± 0.17s
 6.834 N ± 3.4km 124.006 E ± 5.6km
 DEPTH = 33.0km (normal)
 5.8mb (56 obs.) 5.8msz (43 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

Felt (IV RF) at Cotabato, (III
 RF) at Cagayan de Oro and (II
 RF) at Davao.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 41S, *C

Centroid Location:

Origin Time 07:30: 3.5 0.2

Lat 6.85N 0.02 Lon 124.10E 0.02

Dep 36.1 1.4 Half-duration 3.2

Moment Tensor; Scale 10**18 Nm

Mrr= 2.00 0.03 Mtt= 0.22 0.05

Mff=-2.22 0.06 Mrt= 0.02 0.07

Mrf=-1.52 0.08 Mtr=-0.03 0.04

Principal Axes:

T Vol= 2.49 Plg=72 Azm= 88

N 0.22 1 180

P -2.71 18 270

Best Double Couple: Mo=2.6*10**18

NP1: Strike= 2 Dip=27 Slip= 92

NP2: 180 63 89

MNI 5.42 171 ePc 31 17.50 -0.8
 eS 32 21.50
 AAI 11.26 158 ePd 32 39.00 -0.3
 MKS 12.80 201 ePc 33 13.50 13.4X
 OIZ 18.35 313 Pd 34 10.00 -1.4
 E 14s 26.60um

JAY 19.08 119 ePc 34 17.00 -3.4X
 iS 37 45.00
 GZH 19.14 329 iPd 34 20.00 -1.0
 Z 16s 24.90um
 N 15s 15.40um
 E 13s 13.30um

S 37 48.00
 MTN 20.79 160 eP 34 39.00 0.3
 NMCC 22.84 67 eP 35 00.00 0.8
 SSE 24.28 354 P 35 12.00 -1.1
 2.0s 340.00nm 5.5mb
 Z 20s 17.40um 5.5msz
 N 12s 4.40um
 E 12s 4.20um

PPI 24.64 254 e(P) 35 25.00 8.3X
 WHN 25.27 340 P 35 25.00 2.5
 Z 20s 34.40um 5.9msz
 N 16s 14.60um
 E 12s 4.82um

S 39 48.00
 MBL 28.12 188 iPc 35 47.00 -1.8
 0.6s 77.00nm 5.6mb
 PMG 28.15 125 eP 35 53.00 3.9X
 WRA 28.49 159 P 35 50.79 -1.3
 2.2s 33.90nm 4.7mb X

TKSJ 28.57 18 eP 35 52.90 0.2
 SHK 28.70 15 eP 35 54.00 0.1
 WKYJ 29.28 20 P 35 59.50 0.3
 YONJ 29.53 16 eP 36 01.50 0.1
 TIA 29.91 349 eP 36 06.00 1.2
 Z 28s 23.10um 5.7mszX
 E 17s 10.10um

S 41 00.00
 TSRJ 30.61 19 P 36 11.00 0.1
 OIS 31.24 151 eP 36 16.00 -0.6
 eP 36 29.70 55kmX
 ASPA 31.82 163 iPc 36 20.40 -1.3
 0.9s 82.20nm 5.6mb
 DL2 32.00 356 Pc 36 24.00 0.9
 Z 16s 9.14um 5.6mszX
 N 15s 10.60um
 E 20s 14.50um

S 41 34.00
 CHJJ 32.16 23 P 36 22.90 -1.6
 MAT 32.29 22 iPc 36 24.40 -1.3

1.7s 280.77nm 5.9mb
 Z 20s 19.15um 5.8msz
 eS 41 38.00
 WARB 32.92 176 eP 36 30.60 -0.6
 NIJJ 33.21 22 P 36 31.70 -1.9
 BJI 33.80 349 eP 36 39.00 0.3

1.8s 150.00nm 5.6mb
 Z 16s 6.13um 5.4mszX
 E 16s 7.48um
 eS 42 00.00
 CTA 34.57 141 i(P)c 36 45.20 -0.4
 2.6s 156.25nm 5.5mb

iP 36 51.00 20kmX
 iSP 37 02.00
 e(S) 40 18.00
 e 41 45.00
 e 45 33.00
 SNY 34.85 359 iPc 36 47.00 -0.7
 2.0s 2710.00nm 6.8mb X
 Z 19s 22.60um 5.9msz
 N 16s 10.40um

pP 36 54.20 25kmX
 sP 36 56.60
 PP 38 00.00
 iS 42 16.00
 HHC 35.65 344 P 36 54.80 0.1
 2.0s 19.00nm 4.7mb X
 OFUJ 35.84 24 eP 36 56.40 0.2
 CN2 36.84 2 Pc 37 04.20 -0.4

1.5s 59.00nm 5.2mb
 Z 19s 13.20um 5.7msz
 N 12s 3.41um
 E 12s 1.95um
 PP 38 37.00
 eS 42 48.00

FORT 37.60 174 eP 37 10.00 -1.0
 0.5s 17.00nm 5.2mb
 MDJ 37.95 6 Pc 37 14.80 0.9
 1.5s 190.00nm 5.7mb
 Z 20s 13.50um 5.8msz
 N 18s 7.67um
 E 19s 12.30um

sP 37 32.00
 PP 38 46.00
 S 43 06.00
 MRRJ 38.53 20 eP 37 19.90 1.2
 QLP 38.58 150 eP 37 19.00 -0.4
 GTA 39.06 330 P 37 24.50 1.0
 2.0s 200.00nm 5.5mb
 Z 20s 30.30um 6.1msz
 E 17s 14.50um

pP 37 32.20 26kmX
 sP 37 35.00
 PP 38 58.00
 PcS 43 22.50
 S 43 23.00
 sS 43 35.00
 SS 46 09.00

SAP 39.18 20 eP 37 25.00 0.8
 HOOJ 39.30 23 eP 37 27.30 2.1
 KUSJ 40.46 24 eP 37 35.20 0.4
 ASAJ 40.56 21 eP 37 37.70 2.1
 RMO 40.91 145 eP 37 44.00 5.3X
 1.1s 71.00nm 5.3mb

RKG 41.71 189 eP 37 45.70 0.6
 STK 42.00 157 P 37 48.40 0.9
 YSS 43.14 19 ePc+ 37 56.80 0.2
 Z 19s 5.90um 5.5msz
 N 19s 4.70um
 E 19s 3.30um

e 38 08.80
 e 39 39.00
 ePPP 40 10.00
 eS 44 18.00
 e 44 39.00
 eSSS 48 12.00
 CMS 43.44 152 iPd 38 00.20 0.9
 0.7s 14.00nm 4.8mb
 iPcP 40 17.90

KUR 43.50 25 eP 38 00.50 0.9
 1.2s 320.00nm 6.0mb
 e 39 42.00
 eS 44 31.00
 eSS 47 53.00

ADE 43.83 162 iPc 38 03.20 0.7
 BRS 43.96 142 iPd 38 03.00 -0.6
 i 38 15.00

e 38 34.00
 i 39 54.00
 eS 43 09.00
 e 48 09.00
 ARMA 45.54 146 iPd 38 16.90 0.6
 0.8s 84.00nm 5.7mb
 HYB 45.56 288 eP 38 18.40 1.8
 1.0s 100.00nm 5.7mb
 CIT 45.84 351 eP 38 19.00 0.7
 Z 18s 902.00um 7.8mszX
 N 16s 582.00um
 E 18s 196.00um

e 40 12.00
 eS 45 05.00
 GBA 46.26 282 P 38 24.00 1.9
 BWA 47.08 152 iPc 38 30.30 1.9
 eP 38 47.80 70kmX
 BFD 47.09 160 iPc 38 28.40 0.1
 1.0s 143.00nm 5.9mb
 CAN 48.09 152 iPc 38 37.00 0.7
 eP 38 55.20 73kmX
 IRK 48.11 344 ePc+ 38 35.00 -1.2
 7.0s 1.13nm 3.0mb X
 Z 19s 8.62um 5.7msz
 N 19s 6.66um
 E 18s 4.72um

e 38 44.20
 e 39 08.00
 ePcP 39 55.20
 ePP 40 38.00
 ePPP 41 17.00
 e 41 43.20
 iS 45 34.00
 ePcP 46 25.00
 eSS 48 23.00
 eSS 49 08.00
 e 49 40.00
 LR 56 36.00

CNB 48.25 152 eP 38 38.10 0.5
 1.3s 225.00nm 6.0mb
 TOO 48.52 157 iPc 38 40.30 0.8
 0.9s 221.00nm 6.2mb
 WMO 48.64 325 P 38 42.00 1.5
 1.2s 38.00nm 5.3mb
 Z 16s 12.40um 6.0mszX
 N 16s 15.70um

sP 38 56.00
 PcP 40 06.00
 PP 40 33.00
 S 45 44.00
 sS 45 54.00
 ScS 48 26.00
 DZM 50.53 126 iP 39 01.00 5.7X
 UER 50.98 336 eP 38 56.50 -1.7
 2.0s 360.00nm 6.0mb
 Z 18s 8.75um 5.8msz
 N 17s 0.83um
 E 12s 6.65um

eS 46 17.00
 BOD 51.46 353 iPc 39 01.80 0.1
 2.1s 206.00nm 5.7mb
 KSH 53.92 315 P 39 22.00 1.5
 Z 20s 10.60um 5.9msz
 N 14s 3.77um
 E 13s 2.65um

pP 39 27.00 16kmX
 PP 41 25.00
 S 46 53.00
 PET 54.00 25 iP+ 39 20.00 -0.6
 1.0s 115.00nm 5.9mb
 eS 47 00.00
 UKR 54.70 331 iPc 39 26.30 0.5
 2.4s 510.00nm 6.1mb
 Z 16s 6.80um 5.8mszX
 e 47 04.00
 e 50 38.00

YAK 55.23 3 iPc+ 39 28.00 -1.5
 1.9s 231.00nm 5.9mb
 Z 18s 6.70um 5.8msz
 N 18s 5.50um
 E 20s 1.90um

i 40 27.00
 iS 47 11.00
 eSS 50 46.00
 FRU 56.25 318 eP 39 34.00 -3.3X
 Z 24s 9.00um 5.8mszX
 N 24s 6.50um

				e	42	52.00	
				e	52	59.00	
				eS	53	07.00	
				eSP	54	05.00	
				ePPS	54	24.00	
RMN	86.05	300		eP	42	36.70	-0.1
NAI	87.37	268		ePd	42	45.00	1.3
	1.0s		36.00nm				5.6mb
Z	20s		1.77um				5.5Msz
			SKS	53	14.90		
SBA	87.77	172		iPc	42	45.00	0.9
MNK	88.32	324		eP	42	48.00	0.9
				eS	53	24.00	
AFR	88.45	108		iP	42	51.70	3.3X
	1.3s		40.00nm				5.6mb
KIS	88.55	317		iP+	42	47.00	-1.4
				eS	53	28.00	
PAE	88.65	108		iP	42	52.80	3.4X
	1.3s		55.00nm				5.7mb
PPN	88.77	108		iP	42	53.50	3.5X
	1.3s		85.00nm				5.9mb
HLW	88.94	300		eP+	42	51.00	0.3
TVO	88.97	108		iP	42	54.70	3.7X
	1.3s		125.00nm				6.1mb
MBC	89.53	12		eP	42	52.50	-0.1
	1.0s		10.00nm				5.1mb
PMO	89.92	105		iP	42	59.50	4.1X
	1.3s		95.00nm				5.9mb
SIT	90.08	32		P	43	10.00	14.6X
Z	18s		2.34um				5.7Msz
TPT	90.18	105		iP	43	00.80	4.2X
	1.3s		110.00nm				6.0mb
VAH	90.20	105		iP	42	58.50	1.8
	1.3s		95.00nm				5.9mb
RUV	90.43	105		iP	43	01.70	3.9X
	1.3s		105.00nm				6.0mb
UZH	92.59	319		ePc	43	07.00	-0.2
			e	43	22.00		
			eS	53	42.00		
			iPS	55	26.00		
			eSS	00	25.00		
			eSSS	04	00.00		
SPA	96.79	180		iPd	43	25.80	-0.4
	1.0s		10.50nm				5.3mb
Z	20s		5.59um				6.0Msz
BRG	97.14	323		iP	43	21.70	-6.3X
	1.8s		52.00nm				5.8mb
N	22s		5.00um				
E	22s		1.50um				
			eSKS	54	00.00		
			eS	54	44.00		
GRF	99.20	323		eP	43	48.00	10.7X
Z	19s		5.00um				6.0Msz
WDC	102.97	46		Pdiff	43	59.38	5.0X
Z	20s		3.19um				5.8Msz
			PP	48	12.22		
CMB	105.45	48		PKP	48	30.00	10.7X
Z	21s		6.37um				6.1Msz
SES	105.86	33		ePdiff	44	05.00	-2.1
SES	105.86	33		ePKP	48	36.00	16.3X
LRM	107.41	38		ePdiff	44	18.20	3.9X
ISA	107.76	49		PKP	48	30.00	6.2X
Z	20s		5.45um				6.1Msz
RSSD	113.34	36		(PKP)	48	34.14	-0.1
Z	20s		3.01um				5.9Msz
TUC	114.96	50		Pdiff	45	00.41	12.4X
Z	21s		4.77um				6.1Msz
			PP	49	37.99		
			PKKP	59	18.43		
GOL	115.06	40		ePKP	48	37.41	-0.4
Z	22s		4.95um				6.1Msz
			ePP	49	38.98		
			PKKP	59	17.53		
ALO	116.87						

LNO 123.39 38 ePKP 48 52.10 -1.2
 RLO 123.69 38 ePKP 48 52.90 -1.2
 VVO 123.79 39 e(PKP) 48 52.70 -1.6
 SLM 124.71 32 PKP 49 10.00 14.1X
 Z 20s 2.23um 5.8msz
 FVM 125.08 33 ePKP 48 54.75 -1.9
 Z 21s 8.39um 6.4msz
 PP 50 46.72
 UYO 125.35 39 iPKPd 48 56.20 -1.1
 MIAR 125.65 38 ePKPd 48 57.22 -0.7
 Z 21s 6.70um 6.3msz
 PP 50 42.58
 e 53 17.45
 SKKP 02 25.45
 RSNY 126.20 16 PKP 49 04.00 5.3X
 Z 22s 2.85um 5.9msz
 PP 50 28.20
 OLY 126.26 36 ePKP 48 57.37 -1.7
 LMN 126.96 8 ePKP 49 05.50 5.4X
 MCWV 128.75 24 PKP 49 10.00 6.3X
 Z 20s 3.05um 6.0msz
 HRV 128.89 15 PKP 49 09.89 6.1X
 Z 21s 2.68um 5.9msz
 PP 51 09.64
 CBN 130.97 22 ePKP 49 06.00 -1.9
 CEH 132.27 26 PKP 49 10.41 -0.1X
 Z 20s 3.07um 6.0msz
 PP 51 33.34
 PEL 150.48 154 ePKP 49 47.00 4.5X
 MDZ 151.46 157 ePKP 49 50.70 6.7X
 TLL 152.93 151 ePKP 49 52.00 5.5X
 PSO 157.27 70 ePKP 49 53.50 0.6
 SOG 158.67 58 ePKP 49 56.00 1.5
 NNA 158.81 106 iPKPc 49 59.20 5.0X
 1.4s 41.86nm
 Z 20s 0.89um 5.6msz
 CNCB 164.65 131 ePKP 50 01.00 1.1
 LPB 164.73 130 PKP 50 02.00 1.4
 ZOBO 164.86 129 iPKPc 50 01.00 0.9
 i 50 59.00
 S.D. = 1.1 on 139 of 179 obs.

* OCT 29, 1992 08h 53m 57.84±0.62s
 11.549 S ± 0.4km 117.149 E ±12.5km
 DEPTH = 33.0km (normal)
 4.7mb (4 obs.)

SOUTH OF SUMBAWA, INDONESIA (291)

TRT 5.87 310 iPd 55 07.00 -17.8X
 eS 55 42.00
 KUPT 6.49 78 eP 55 34.00 0.4
 ed 56 42.00
 MBL 9.90 165 eP 56 17.30 -3.6X
 eS 57 56.00
 NANU 11.06 188 eP 56 35.40 -1.4
 eS 58 27.00
 WARB 17.09 150 eP 57 54.00 -2.0
 0.3s 9.00nm 4.4mb
 eS 00 52.00
 BAL 18.97 181 eP 58 19.70 0.6
 0.3s 14.00nm 4.7mb
 eS 01 30.00
 COOL 19.59 170 eP 58 26.50 0.1
 0.3s 12.00nm 4.7mb
 eS 01 44.00
 KLB 19.95 178 eP 58 33.00 2.9
 0.3s 13.00nm 4.7mb
 eS 01 56.00
 RKG 22.92 180 eP 59 11.00 11.0X
 eS 03 03.00
 CHG 35.11 329 eP 00 58.00 8.4X
 GBA 46.65 301 P 02 25.00 -0.3
 GUN 49.56 323 P 02 48.70 0.4
 PKI 49.59 322 P 02 48.00 -0.5
 DMN 49.80 322 P 02 50.10 0.1
 KKN 49.83 322 P 02 49.70 -0.5
 KKN 50.37 322 P 02 54.30 0.1
 CNCB 151.37 170 ePKP 13 47.00 1.9X
 LPB 151.62 169 ePKP 13 53.00 7.7X
 S.D. = 1.3 on 12 of 18 obs.

& OCT 29, 1992 09h 41m 07.85s
 41.140 N 125.088 W
 DEPTH = 5.0km
 OFF COAST OF NORTHERN CALIFORNIA (34)
 <GM-P>. MD 2.9 (GM).

FHC 0.90 112 ePc 41 25.01 -0.6
 eS 41 37.01
 ORV 3.17 119 eP 41 56.71 -2.6
 VGB 5.39 34 eP 42 27.70 -3.1
 3 obs. associated

? OCT 29, 1992 10h 53m 47.78±5.20s
 4.040 S ±28.0km 152.171 E ±28.7km
 DEPTH = 141.8 ± 41.7 km
 4.6mb (1 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

PMG 7.29 223 eP 55 33.00 0.0
 eS 56 50.00
 RMO 22.56 188 eP 58 37.00 0.2
 1.0s 25.00nm 4.6mb
 DZM 22.65 144 iPc 58 38.00 0.3
 BRS 23.23 179 iP 58 42.00 -1.2
 CMS 27.95 192 eP 59 27.60 0.8
 GKN 72.28 301 P 05 00.00 -0.1
 S.D. = 1.1 on 6 of 6 obs.

% OCT 29, 1992 11h 40m 00.68±1.15s
 40.727 N ± 8.9km 22.717 E ± 7.7km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 1.9 (THE).

THE 0.21 117 ePg 40 05.38 0.1
 eSg 40 08.86
 GRG 0.33 314 ePg 40 07.54 0.0
 eSg 40 12.90
 KNT 0.46 17 ePg 40 09.94 0.0
 eSg 40 16.94
 SOH 0.49 79 ePg 40 10.54 -0.2
 SRS 0.77 59 ePg 40 15.86 0.2
 eSg 40 26.10
 OUR 1.04 112 ePg 40 20.22 -0.1
 S.D. = 0.2 on 6 of 6 obs.

& OCT 29, 1992 13h 34m 59.71s
 63.278 N 151.097 W
 DEPTH = 14.1km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.7 (AEIC), 3.3 (PMR).

KTH 0.29 16 iP 35 05.52 -0.5
 TRF 0.40 64 iP 35 08.05 -0.2
 eS 35 14.54
 HUR 0.73 114 iP 35 13.53 -0.1
 eS 35 24.56
 RND 1.02 82 eP 35 18.63 -0.1
 eS 35 32.68
 MCK 1.07 64 eP 35 19.84 0.3
 SKT 1.32 189 iP 35 23.19 -0.4
 eS 35 40.39
 NEA 1.58 33 eP 35 28.22 0.9
 PWA 1.73 160 eP 35 29.90 0.5
 WRH 1.79 47 eP 35 30.00 -0.4
 GH0 1.82 145 eP 35 30.47 -0.3
 SUA 1.83 175 eP 35 30.67 -0.4
 eS 35 56.33
 PLRM 1.92 151 eP 35 32.05 -0.2
 PMR 1.92 151 eP 35 31.85 -0.4
 NCG 1.95 195 iP 35 32.39 -0.3
 SML 1.95 138 iP 35 32.43 -0.3
 CCB 2.00 45 eP 35 33.24 -1.1
 CGLM 2.02 193 eP 35 33.25 -0.6
 CRP 2.08 194 (P) 35 34.00 -0.7
 eS 36 01.36
 MDM 2.10 35 eP 35 34.98 0.0
 BGL 2.11 197 eP 35 35.13 0.0
 CKN 2.12 194 eP 35 33.66 -1.6
 eS 36 04.60
 CKT 2.15 194 eP 35 35.35 -0.3
 SPU 2.15 192 eP 35 35.09 -0.6
 eS 36 03.35
 HDA 2.16 56 eP 35 36.87 1.2
 PMS 2.16 160 eP 35 36.40 0.6
 CKL 2.17 196 eP 35 35.87 -0.1
 FBA 2.18 40 eP 35 36.77 0.7
 eS 36 06.82
 KNK 2.24 145 eP 35 37.06 0.1
 TTA 2.26 263 eP 35 38.76 1.5
 SCM 2.27 128 eP 35 37.71 0.3
 BKG 2.28 194 eP 35 37.23 -0.3

GLM 2.36 42 eP 35 40.36 1.7
 TOA 2.56 115 eP 35 42.30 0.9
 PAX 2.58 94 eP 35 42.34 0.6
 PTE 2.61 157 eP 35 43.08 1.0
 SDG 2.65 104 eP 35 43.29 0.5
 RDT 2.78 193 eP 35 44.33 -0.3
 SLKM 2.81 171 eP 35 45.16 0.1
 REF 2.90 196 eP 35 46.92 0.5
 KLU 3.00 124 eP 35 48.32 0.6
 IMA 3.01 340 eP 35 46.34 -1.6
 SVW 3.04 226 eP 35 47.84 -0.4
 VLZ 3.10 132 eP 35 49.25 0.2
 BALM 4.68 115 eP 36 11.57 -0.1
 44 obs. associated

OCT 29, 1992 14h 00m 16.52±0.18s
 2.252 S ± 3.4km 141.181 E ± 4.8km
 DEPTH = 34.5km (16 depth phases)
 5.2mb (31 obs.) 4.8msz (18 obs.)
 NEAR N COAST OF NEW GUINEA, PNG.(200)
 CENTROID, MOMENT TENSOR (HRV)
 Date Used: GDSN
 L.P.B.: 21S, 35C
 Centroid Location:
 Origin Time 14:00:17.3 0.7
 Lat 2.43S 0.05 Lon 141.21E 0.06
 Dep 15.0 FIX Half-duration 1.7
 Moment Tensor: Scale 10**17 Nm
 Mrr=-0.59 0.06 Mtt= 1.05 0.04
 Mff=-0.46 0.08 Mrt= 0.18 0.18
 Mrf= 0.04 0.10 Mtf= 0.13 0.06
 Principal Axes:
 T Val= 1.08 Plg= 6 Azm=355
 N -0.47 10 264
 P -0.61 78 117
 Best Double Couple: Mo=0.8*10**17
 NP1:Strike= 96 Dip=40 Slip= -75
 NP2: 256 52 -102

JAY 0.54 241 iPc 00 27.20 -0.5
 iS 00 48.30
 WWKK 2.79 119 eP 00 55.60 -4.3X
 MDG 5.47 123 eP 01 36.80 -1.0
 YYY 6.20 130 eP 01 49.50 1.1
 LAT 7.27 127 iPc 02 02.50 -0.7
 PMG 9.26 140 eP 02 29.00 -1.9
 MTN 14.48 223 eP 03 38.00 -3.1X
 QIS 18.26 185 eP 04 27.80 -1.3
 0.4s 3.00nm 3.8mb X
 CTA 18.41 165 P 04 32.79 1.9
 WRA 18.81 200 P 04 34.79 -1.1
 KUPT 19.14 245 eP 04 40.70 0.9
 CGP 19.58 303 eP 04 42.50 -2.3
 HNR 19.97 112 eP 04 45.00 -4.0X
 PLP 20.91 310 ePd 04 58.50 -0.2
 MKS 21.86 262 iPc 05 11.00 2.7X
 QLP 24.37 173 eP 05 32.70 0.0
 RMO 25.17 164 iPd 05 41.10 0.7
 0.6s 67.00nm 5.4mb
 BRS 27.35 157 iPc 06 01.00 0.4
 i 06 08.00 25km
 WARB 27.59 209 eP 06 02.10 -0.7
 MBL 28.03 226 eP 06 04.00 -2.7X
 0.4s 8.00nm 4.8mb
 CMS 29.41 172 eP 06 18.10 -0.9
 1.1s 30.00nm 4.9mb
 STK 29.47 179 P 06 19.70 0.1
 ARMA 29.71 162 eP 06 25.50 3.6X
 1.2s 46.00nm 5.1mb
 FORT 30.97 202 eP 06 32.00 -0.9
 NANU 32.06 229 eP 06 41.00 -1.5
 ADE 32.63 184 eP 06 48.00 0.6
 BWA 32.71 169 eP 06 48.00 -0.2
 iP 06 57.70 34km
 CAN 33.69 168 eP 06 56.40 -0.3
 i 07 01.10
 iP 07 05.50 31km
 CNB 33.76 168 eP 07 06.30 9.0X
 1.0s 32.00nm 5.2mb
 COOL 34.21 212 eP 06 59.60 -1.5
 0.4s 17.00nm 5.3mb
 BFD 34.78 178 iPd 07 06.10 0.2
 1.2s 83.00nm 5.5mb
 TOO 35.37 174 eP 07 13.00 2.0
 0.9s 79.00nm 5.6mb
 BAL 36.50 217 eP 07 19.40 -1.2
 SSE 38.24 332 Pc 07 35.00 -0.1

LPL	121.31	324	ePKP	19 08.50	0.3
	0.7s		3.10nm		
LOR	121.93	327	ePKP	19 09.70	0.7
	0.5s		2.50nm		
Z	23s		0.20um		4.7MszX
SSF	122.25	327	ePKP	19 10.00	0.4
	0.8s		5.90nm		
TCF	123.43	327	ePKP	19 12.50	0.6
	0.7s		5.85nm		
LPF	123.99	330	ePKP	19 13.50	0.6
RJF	124.42	326	ePKP	19 14.40	0.5
LPO	124.99	326	ePKP	19 15.80	0.8
RSNY	127.40	32	PKP	19 30.00	10.3X
Z	21s		0.26um		4.9Msz
CEH	129.93	43	PKP	19 30.00	5.3X
Z	21s		0.48um		5.2Msz
HRV	130.38	32	PKP	19 40.00	14.6X
Z	21s		0.30um		5.0Msz
CNCB	145.54	124	PKP	19 55.30	0.8
LPB	145.58	124	PKP	19 56.00	1.6
ZOBO	145.68	124	iPKPd	19 55.00	0.2
	1.1s		38.28nm		
KIC	145.78	278	PKP	19 55.52	1.2
TIC	146.03	279	PKP	19 55.52	0.8
	0.7s		15.00nm		
LIC	146.08	278	PKP	19 55.62	0.8
	0.7s		18.50nm		
SDV	147.68	77	ePKP	19 59.50	1.9
TOV	148.32	75	ePKP	20 05.30	6.9X
MORO	149.50	72	iPKPc	20 08.70	8.4X
S.D. = 1.0 on 93 of 125 obs.					

OCT	29, 1992	14h 39m	17.41±0.16s		
	29.225 S	± 3.3km	71.222 W	± 5.1km	
DEPTH =	45.9km	(33 depth phases)			
	5.5mb (30 obs.)		4.7Msz (16 obs.)		
NEAR COAST OF CENTRAL CHILE				(135)	
MD 5.1 (SAN). Felt (V) at					
Coquimbo, La Serena and					
Vallenar; (IV) at Chanaral,					
Cobombola and Ovalle; (III) at					
Copiapo; (II) at Caldera and					
Illapel. Felt (III) at Mendoza,					
Argentina.					
CENTROID, MOMENT TENSOR				(HRV)	
Data Used: GDSN					
L.P.B.: 22S, 38C					
Centroid Location:					
Origin Time 14:39:20.0 0.3					
Lot 29.50S 0.05 Lan 71.29W 0.07					
Dep 53.5 6.1 Half-duration 1.1					
Moment Tensor: Scale 10**16 Nm					
Mrr=-2.95 0.33 Mtt= 3.76 0.52					
Mff=-0.81 0.60 Mrt= 6.40 0.64					
Mrf= 8.02 0.76 Mtf=-3.22 0.54					
Principal Axes:					
T Vol= 8.11 Plg=40 Azm=336					
N 4.79 17 232					
P -12.89 46 124					
Best Double Couple:Mo=1.1*10**17					
NP1:Strike=130 Dip=17 Slip= -11					
NP2: 231 87 -107					

TLL	1.01	159	iPd	39 35.40	-0.2
RTCB	3.08	138	e(P)	40 07.70	2.9X
RTLL	3.17				

LNK	4.72	182	iP+	40 25.00	-2.9X		0.8s	21.89nm	5.3mb	PV10	75.97	330	P	51 02.70	1.2		
CYA	4.83	82	iPd	40 31.00	1.6	UYO	66.77	339	iPc	50 05.50	-0.6	SSK	76.88	322	P	51 07.60	1.0
ANT	5.55	8	iP+	40 30.50	-9.1X	NAV	66.80	352	P	50 05.30	-1.0			pP	51 21.00	46km	
MRA	5.71	125	ePd	40 41.20	-0.6				pP	50 18.40	45km	POF	77.20	117	iPd	51 08.00	-0.4
RFA	6.00	158	ePc	40 44.20	-1.9	MIAR	66.85	340	P	50 05.70	-1.0		1.5s	94.44nm		5.6mb	
TCA	6.11	112	iP	40 46.40	-1.2		1.0s	85.29nm	5.7mb	SRU	77.23	330	P	51 08.90	0.4		
SLA	6.79	50	ePd	40 59.90	2.7X	Z	21s	0.15um	4.2Msz	MSU	77.49	328	P	51 11.00	1.1		
LPA	12.61	120	ePc-	42 14.00	-2.6X				pP	50 19.30	48km	ARUT	77.50	327	P	51 11.00	1.1
	1.0s	1920.00nm	ePP	42 22.00		OLY	67.15	342	P	50 07.20	-1.3	MAW	77.55	164	iPd	51 08.80	-0.8
				42 25.80	-2.8X	VVO	68.25	339	ePc	50 14.60	-0.8	EMUT	77.93	330	P	51 12.90	0.5
CNCB	12.71	14	P	42 25.00	3.3X	ELC	68.28	345	P	50 14.70	-0.9	ABL	78.19	321	P	51 14.60	0.7
LPB	12.96	13	P	42 21.70	-3.2X				pP	50 27.90	46km			pP	51 28.20	47km	
	1.1s	805.06nm		46 44.00		MEO	68.71	336	iPd	50 16.50	-1.8	ISA	78.39	322	P	51 30.00	15.2X
ZOBO	13.19	13	iPd	46 44.00		RLO	68.79	339	ePc	50 18.20	-0.6	Z	20s	0.48um		4.8Msz	
	Z	24s	4.03um	43 00.00	3.1X				e	50 31.10	44km	DAU	78.62	330	P	51 17.10	0.9
			LR	43 02.50	5.3X	TUL	68.79	339	iPc	50 18.00	-0.8	RSSD	78.92	337	P	51 18.30	0.6
ITB1	15.69	77	e(P)	43 01.00	2.8X		0.8s	160.70nm	6.1mb				0.8s	41.83nm		5.4mb	
ITB7	15.71	79	e(P)	43 23.80	-1.4	Z	18s	0.18um	4.4Msz			Z	21s	0.23um		4.5Msz	
ITB	15.79	78	e(P)						e	50 24.10	20kmX	DUG	79.13	329	P	51 19.80	1.0
NNA	17.93	342	iPc						e	50 30.80			0.8s	35.95nm		5.4mb	
	1.0s	115.00nm							LR	56 13.00		PHAM	79.56	321	P	51 22.10	1.0
	Z	22s	1.11um			LNO	68.80	339	iPc	50 17.90	-0.8	TNP	79.58	325	P	51 22.20	0.8
			eS	47 04.00					e	50 30.90	45km		0.8s	36.62nm		5.4mb	
VAO	22.62	80	eP	44 14.10	-1.5	LNO2	68.80	339	iPc	50 18.00	-0.7	MEMM	80.15	323	P	51 26.00	1.9
			e	44 16.40	BkmX				e	50 31.10	45km	HVU	80.40	330	P	51 25.80	0.2
			e	44 31.10		LNO3	68.80	339	ePc	50 18.10	-0.7	KVN	80.77	325	P	51 28.30	0.7
BMA	25.16	81	eP	44 37.70	-2.3				e	50 31.20	45km	PTI	81.10	331	P	51 29.80	0.5
			e	44 39.20	5kmX	SIO	68.81	338	eP	50 18.30	-0.6	CMB	81.18	323	P	51 40.00	10.3X
			e	44 56.50		FVM	69.23	344	P	50 20.80	-0.7	Z	16s	0.19um		4.5MszX	
BAO	25.31	63	Pc	44 42.00	0.4		0.8s	323.33nm	6.3mb	ARN	81.29	322	P	51 30.90	0.7		
			e	44 43.50	5kmX				pP	50 33.80	45km			pP	51 45.10	49km	
			e	44 51.50		LVNJ	69.76	357	P	50 24.40	-0.1	HHA1	81.45	331	P	51 31.50	0.4
			e	44 54.90		GMTN	69.81	358	iP	50 25.30	0.5	ANTZ	82.05	51	iP	51 34.00	-0.3
			e	45 00.00		PNJ	69.83	358	iP	50 24.90	0.0			i	51 42.00	25kmX	
			e	45 04.80					pP	50 38.00	45km	ULM	82.09	344	ePc	51 36.60	2.6X
			e	45 07.60		TBR	70.07	358	P	50 26.50	0.1	JAO	82.77	357	eP	51 37.50	0.1
			e	45 09.30					pP	50 39.60	45km			pP	51 51.00	46km	
			e	45 10.50		ACO	70.63	336	iPc	50 29.50	-0.5	LRM	83.54	332	ePc	51 42.70	0.8
			e	45 18.10		VAH	71.03	263	eP	50 46.00	13.2X			e	51 59.00	58kmX	
			e	45 20.50			1.2s	50.00nm				WDC	84.18	323	P	51 44.40	-0.6
			e	45 25.70		TVO	71.33	260	eP	50 35.00	0.3		0.7s	20.04nm		5.3mb	
			e	45 28.10			1.2s	100.00nm	5.6mb	Z	19s	0.20um					4.5Msz
			e	45 40.40		HRV	71.38	360	P	50 34.60	0.3	PRY	84.21	117	eP	51 45.00	-0.8
			e	45 50.50			1.1s	67.20nm	5.5mb			LBFM	84.41	324	P	51 46.80	0.4
			e	45 54.50		Z	19s	0.32um	4.6Msz					pP	52 00.50	47km	
			e	45 57.50		PAE	71.66	260	eP	50 48.20	47km	CSY	84.78	181	P	51 52.00	4.4X
			e	46 03.50			1.3s	105.00nm	5.6mb			TIO	85.33	51	iP	51 52.50	1.4
			e	46 17.70		TUC	71.80	325	P	50 37.60	0.3			i	52 14.00	79kmX	
			e	46 24.50			1.1s	29.45nm	5.1mb	SES	86.76	336	iPc	51 57.30	-0.3		
			e	46 29.60		Z	19s	0.73um	5.0Msz		1.1s	105.00nm		pP	52 11.00	6.0mb	
			e	46 39.50		ALO	71.97	330	P	50 38.70	0.4	VGB	86.94	328	P	51 59.30	0.7
PDCR	34.13	68	eP	45 58.50	-1.7		1.0s	29.63nm	5.2mb	NEW	87.41	331	P	52 00.80	0.0		
			e	46 11.00	47km	Z	21s	0.66um	4.9Msz		1.0s	21.50nm				5.3mb	
AIA	36.30	175	eP	46 18.00	-0.1	TYNO	72.40	353	P	50 39.56	-0.9	DPW	87.57	330	P	52 01.50	-0.1
SDV	37.89	1	iPc	46 30.90	-1.3	STCO	72.45	354	P	50 40.02	-0.7	LON	88.34	328	P	52 05.00	-0.3
TOV	38.81	2	ePc	46 37.50	-2.2	LIC	72.64	72	P	50 41.32	-1.1			pP	52 18.60	46km	
			iPP	46 38.60			0.7s	25.00nm	5.3mb	BUL	88.51	112	iPc	52 06.80	-0.1		
MORO	39.96	4	iPc	46 42.70	-6.6X	TIC	72.87	72	P	50 42.56	-1.3		0.9s	3.99nm		4.7mb	
TRN	40.76	15	eP	46 54.00	-1.7		0.7s	19.00nm	5.2mb	BMW	88.81	327	P	52 07.10	-0.4		
NVL	60.44	158	iPc	49 23.80	-0.4	ACTO	72.93	353	P	50 42.69	-0.9	GMW	89.38	328	P	52 10.40	0.3
	1.8s	167.00nm				KIC	72.95	72	P	50 43.28	-1.0			pP	52 24.60	48km	
	Z	22s	0.50um				0.8s	44.50nm	5.5mb	FCC	89.70	348	ePc	52 14.60	3.2X		
	E	24s	0.40um			WLVO	73.09	355	P	50 43.92	-0.5			pP	52 28.50	47km	
			e	49 35.00	38km	RSNY	73.48	358	P	50 46.90	0.2	KRI	91.01	110	iPc	52 20.40	1.8
			e	49 43.00			0.8s	59.81nm	5.6mb	HON	97.46	290	P	53 00.00	12.3X		
			e	50 05.00		Z	20s	0.26um	4.5Msz		Z	21s	0.74um		5.1Msz		
			()	55 05.00					pP	51 00.20	46km	KHC	108.31	44	ePKP	57 51.50	9.5X
			(SS)	57 54.00		EMM	73.69	3	P	51 01.70	13.9X			e	58 10.00		
SPA	60.94	180	iPd	49 26.10	-1.9	JFWS	73.89	346	P	50 48.80	-0.3	MBC	109.39	349	ePKP	57 57.00	13.8X
	0.6s	25.20nm					0.7s	83.39nm	5.8mb		1.0s	4.00nm					
	Z	20s	1.08um			BLE	74.26	120	iPc	51 02.10	46km	PMR	109.82	330	PKP	57 50.00	5.6X
HBF	62.42	351	P	49 37.30	-0.6		0.5s	14.08nm		Z	19s	0.17um					4.6Msz
			pP	49 50.10	45km				pP	51 11.00	19.4X	KAF	118.85	32	ePKP	58 00.70	-0.9
SGS	62.70	351	P	49 39.00	-0.7	TUH	74.89	120	iPc	50 56.00	0.6	OBN	123.45	41	ePKP	58 11.00	0.4
			pP	49 51.80	45km		1.2s	78.13nm	5.5mb		1.0s	18.00nm					
PRM	63.84	350	P	49 46.00	-1.3	LMN	74.95	5	ePd	50 58.80	3.6X	Z	20s	0.30um		4.9Msz	
			pP	49 58.90	45km				pP	51 12.50	48km			e	58 28.00		
JSC	63.87	351	P	49 46.30	-1.1	GLD	75.56	334	P	51 01.00	1.9			e	05 20.00		
			pP	49 59.40	46km		1.2s	80.81nm	5.5mb	WRA	125.25	210	PKP	58 14.60	-0.6		
LHS	64.00	351	P	49 47.00	-1.3				pP	51 15.00	49km	SHI	131.44	75	ePKP	58 28.00	1.0
			pP	50 00.30	47km	GOL	75.58	333	P	50 59.60	0.3	TIK	136.13	351	ePKP	58 33.00	-1.4
CEH	65.19	353	P	49 54.90	-1.1		0.8s	40.73nm	5.4mb		1.5s	12.00nm					
	Z	19s	0.43um			Z	18s	0.36um	4.7Msz	SVE	136.59	37	ePKPc	58 36.50	0.8		
			pP	50 07.90	45km	PLM	75.78	322	P	51 02.50	2.0			e	58 55.50		
BLA	66.65	352	P	50 04.30	-1.1	EEO	75.84	354	eP	51 02.50	2.2X						

29d 14h

ASH 137.53 64 ePKP 58 40.00 1.9
 NRI 138.05 11 ePKP 58 27.00 -11.1X
 MGD 138.22 330 ePKP 58 40.00 1.3
 e 58 52.00
 MAIO 138.32 67 ePKP 58 33.00 -6.8X
 BRVK 143.15 39 ePKP 58 46.00 -1.6
 2.2s 39.00nm
 QUE 143.80 78 ePKP 58 48.50 -1.2
 MKS 144.25 198 e(PKP) 59 08.00 17.3X
 YAK 144.43 343 iPKPc+58 47.20 -2.3
 1.0s 302.00nm
 i 59 02.00
 KUR 145.40 308 iPKP 58 51.50 -0.2
 1.0s 340.00nm
 POO 146.45 101 iPKPc 59 09.80 15.5X
 KUSJ 148.12 306 PKP 58 58.60 2.4X
 YSS 148.26 313 ePKP 58 59.20 2.9X
 0.8s 20.00nm
 ASAJ 149.29 308 ePKP 59 02.60 4.6X
 HOOJ 149.30 305 ePKP 59 02.70 4.7X
 PPI 149.42 163 ePKP 59 02.50 3.4X
 FRU 149.44 54 iPKP 59 04.50 6.1X
 2.0s 160.00nm
 MRRJ 150.88 306 ePKP 59 05.50 5.1X
 BOD 151.14 354 iPKPc 59 06.00 5.7X
 0.9s 30.00nm
 OFUJ 151.19 299 ePKP 59 06.50 5.5X
 NDI 152.42 83 ePKP 59 05.00 1.9
 KGM 152.45 168 ePKP 59 09.50 5.9X
 YAMJ 152.61 297 ePKP 59 10.30 7.2X
 KAKJ 152.76 293 iPKP+ 59 10.20 6.8X
 NIJJ 153.57 296 iPKP+ 59 12.30 7.8X
 CHJJ 153.73 293 PKP 59 12.90 8.1X
 MAT 154.30 294 ePKP 59 05.00 -0.5
 1.1s 10.13nm
 IPM 154.41 162 ePKPc 59 14.20 7.9X
 MTMJ 154.61 294 iPKPd 59 14.70 8.7X
 MOY 156.82 12 ePKP 59 25.10 16.8X
 2.0s 70.00nm
 CIT 156.97 352 ePKP 59 10.50 1.9
 MDJ 157.45 319 ePKP 59 09.70 0.3
 WMO 157.74 43 PKP 59 11.00 1.1
 Z 16s 0.31um 5.2MsZ
 sPKP 59 24.50
 ZAK 158.46 10 ePKP 59 12.00 1.7
 1.0s 8.00nm
 e 59 25.20
 03 30.00
 GKN 158.78 87 PKP 59 12.70 1.1
 DMN 159.12 89 PKP 59 13.70 1.5
 KKN 159.30 88 PKP 59 13.70 1.4
 PKI 159.38 89 PKP 59 13.40 0.9
 GUN 159.85 88 PKP 59 14.40 1.3
 LSA 164.63 84 PKP 59 19.30 1.4
 CHG 166.29 137 ePKP 59 38.00 19.1X
 GTA 167.43 34 PKPc 59 21.00 1.6
 BJI 167.62 333 ePKP 59 34.00 14.7X
 Z 20s 0.42um
 SSE 169.10 283 PKP 59 22.50 2.0
 TIA 170.11 317 ePKP 59 22.30 1.3
 TIY 171.00 341 ePKP 59 22.00 0.5
 LZH 171.99 30 ePKP 59 23.70 1.7
 Z 22s 0.56um
 E 15s 0.45um
 XAN 175.20 359 ePKP 59 24.50 1.4
 Z 18s 0.42um
 CD2 175.34 68 ePKP 59 25.60 2.4X
 GYA 176.67 145 PKP 59 25.20 1.5
 S.D. = 1.1 on 142 of 193 obs.

OCT 29, 1992 15h 04m 30.63±0.43s
 6.784 N ± 6.1km 126.944 E ± 10.8km
 DEPTH = 33.0km (normal)
 4.3MsZ (2 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

MNI 5.71 202 eP 05 55.80 0.5
 KUP 17.15 191 e(P) 08 38.50 9.0X
 OIZ 20.61 308 eP 09 08.50 -1.4
 IPM 25.88 267 ePd 10 02.60 1.1
 NST 27.71 291 eP 10 23.00 4.9X
 KMI 29.47 311 eP 10 46.50 12.3X
 CHG 29.75 296 eP 10 36.50 -0.1
 OIS 29.88 156 eP 10 35.60 -2.1
 MAT 31.36 18 eP 10 49.00 -1.5
 0.8s 10.45nm 4.7mb
 XAN 31.83 331 eP 10 53.00 -1.8

CD2 32.37 321 eP 10 59.80 0.3
 WARB 32.77 181 eP 11 02.50 -0.4
 BJI 34.49 345 eP 11 17.00 -0.7
 Z 20s 0.60um 4.3MsZ
 SNY 35.03 356 eP 11 22.40 0.2
 sP 11 37.00
 LZH 36.03 327 ePKP 11 23.00 -8.0X
 Z 28s 0.71um 4.3MsZ
 FORT 37.36 178 eP 11 42.00 0.0
 MRRJ 37.63 17 eP 12 00.20 16.0X
 MDJ 37.76 3 eP 11 45.50 0.3
 1.0s 18.00nm 4.9mb
 BAL 38.45 194 eP 11 51.00 -0.2
 KUSJ 39.41 21 eP 12 00.60 1.5
 ASAJ 39.65 18 eP 12 02.50 1.4
 BRS 42.18 145 iPc 12 22.00 -0.1
 BWA 45.74 155 eP 12 52.20 1.4
 WMO 50.38 324 P 13 27.00 0.1
 Z 20s 0.31um 4.3MsZ
 pP 13 34.00 23kmX
 QUE 60.74 301 eP 14 42.80 0.8
 OBN 84.69 325 iPc 17 03.00 0.7
 1.3s 156.00nm 6.0mb
 e 17 16.50

S.D. = 1.1 on 21 of 26 obs.

* OCT 29, 1992 15h 27m 48.16±0.71s
 29.618 S ± 7.3km 178.134 W ± 11.4km
 DEPTH = 33.0km (normal)
 5.0mb (10 obs.) 4.7MsZ (3 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)
 Felt (III) on Raoul Island.

RAO 0.41 27 Pc 27 57.30 -0.1
 KUZ 8.78 214 eP 29 56.00 0.3
 WCZ 8.93 223 eP 29 57.80 -0.1
 OUZ 8.95 229 eP 29 56.80 -1.3
 URZ 9.48 203 eP 30 00.10 -5.3X
 NOZ 9.52 198 eP 30 00.50 -5.5X
 0.8s 133.00nm 6.2mb X
 9.74 211 eP 30 08.00 -1.1
 MOZ 10.62 212 eP 30 21.20 0.1
 SVA 11.87 344 eP 30 37.50 -0.5
 KHZ 14.43 205 eP 31 03.20 -8.7X
 DZM 15.78 295 iPc 31 31.10 1.5
 BRS 25.63 268 iPc 33 17.50 1.0
 ARMA 26.16 261 eP 33 22.70 1.3
 0.9s 20.00nm 4.7mb
 27.93 250 eP 33 40.40 2.9X
 1.0s 31.00nm 5.0mb
 CAN 28.23 250 eP 33 41.40 1.3
 BWA 28.68 252 eP 33 43.10 -1.1
 RMO 29.33 268 eP 33 50.20 0.1
 0.7s 14.00nm 4.8mb
 CMS 31.01 257 iPc 34 05.00 0.1
 1.0s 27.00nm 5.0mb
 TOO 31.17 246 eP 34 06.50 0.2
 1.0s 55.00nm 5.3mb
 BFD 33.50 246 eP 34 28.00 1.4
 CTA 33.57 278 iPd 34 25.80 -1.6
 1.0s 7.50nm 4.6mb
 i 34 29.00
 ADE 36.66 250 eP 34 54.40 0.7
 WRA 43.95 271 P 35 53.50 -0.6
 0.8s 15.00nm 4.8mb
 FORT 46.14 254 iPc 36 10.40 -0.9
 WARB 48.54 260 eP 36 28.00 -2.3
 SBA 48.81 184 iPc 36 35.50 3.9X
 SPA 60.55 180 iPc 37 59.20 1.7
 0.9s 27.27nm 5.4mb
 Z 20s 0.45um 4.6MsZ
 MAT 77.53 325 eP 39 41.00 -1.2
 NVL 79.65 183 eP 39 58.00 4.8X
 1.0s 35.00nm 5.3mb
 e 40 16.00
 e 40 37.00
 eLQ 09 18.00
 MDJ 87.92 326 eP 40 31.50 -4.0X
 CN2 89.45 323 eP 40 43.60 0.8
 1.3s 19.00nm 5.2mb
 Z 20s 0.59um 5.0MsZ
 eP 40 51.50 25kmX
 NST 90.65 288 eP 40 53.50 4.5X
 TIY 93.26 312 eP 41 01.90 1.2
 Z 30s 0.94um 5.1MsZ
 OBN 144.46 326 ePKP 47 21.00 -1.2
 Z 20s 0.10um 4.6MsZ

NUR 145.54 340 ePKP 47 24.00 0.2
 NB2 147.96 351 PKP 47 31.20 3.4X
 0.9s 13.80nm
 HFS 148.46 349 ePKP 47 32.30 3.7X
 1.3s 45.60nm
 KIC 156.04 164 (PKP) 47 57.30 16.4X
 S.D. = 1.1 on 27 of 38 obs.

? OCT 29, 1992 16h 49m 04.86±4.38s
 38.650 N ± 32.5km 15.584 E ± 68.0km
 DEPTH = 188.3 ± 49.1 km

SICILY (398)

ATN 0.50 191 Pc 49 29.90 -0.8
 eSg 49 46.10
 SOI 0.69 147 Pc 49 31.70 0.0
 eSg 49 48.90
 TDS 1.17 30 P 49 35.80 0.9
 MEU 1.63 199 P 49 39.60 0.4
 BRT 2.55 29 P 49 48.50 -0.5
 eSn 50 20.00
 S.D. = 1.3 on 5 of 5 obs.

OCT 29, 1992 16h 49m 06.35±0.62s
 20.508 S ± 5.5km 177.785 W ± 3.9km
 DEPTH = 534.2 ± 8.4 km
 5.1mb (38 obs.)

FIJI ISLANDS REGION (181)

SVA 4.27 303 eP 50 30.00 0.1
 AFI 8.72 42 P 51 28.30 16.3X
 S 53 05.00
 DZM 14.78 261 iPd 52 16.90 3.1X
 WCZ 16.86 203 eP 52 38.90 4.9X
 KUZ 17.15 198 eP 52 40.70 3.9X
 WLZ 18.23 197 P 52 50.50 3.2X
 URZ 18.24 193 P 52 46.50 -0.8
 NOZ 18.41 190 eP 52 49.80 0.8
 0.3s 45.00nm 5.6mb
 MOZ 19.05 198 eP 52 57.60 2.5X
 MNG 20.85 195 eP 53 09.60 -2.4X
 0.3s 14.00nm 5.1mb
 MTW 21.36 194 eP 53 13.80 -2.8X
 MRW 21.62 196 eP 53 18.40 -0.5
 TCW 21.72 196 eP 53 19.60 -0.2
 ORZ 21.87 200 P 53 21.40 0.1
 THZ 22.61 198 eP 53 28.60 0.6
 0.3s 7.00nm 4.8mb
 DSZ 22.94 200 eP 53 30.50 -0.4
 0.3s 28.00nm 5.4mb
 KHZ 23.04 197 P 53 31.30 -0.4
 LTZ 23.73 198 eP 53 37.00 -1.1
 0.3s 14.00nm 5.0mb
 MQZ 24.47 197 eP 53 44.40 -0.3
 LMZ 25.55 202 eP 53 54.30 0.2
 AFR 26.63 88 iP 54 03.80 -0.1
 0.8s 50.00nm 5.2mb
 PAE 26.79 89 iP 54 05.10 -0.2
 0.8s 30.00nm 4.9mb
 PPT 26.81 89 iP 54 05.60 0.0
 0.8s 40.00nm 5.1mb
 PPN 26.95 89 iP 54 07.00 0.2
 0.8s 25.00nm 4.9mb
 TVO 27.08 89 iP 54 07.80 -0.1
 0.8s 40.00nm 5.1mb
 BRS 27.72 250 iPc 54 14.90 1.4
 1.0s 19.00nm 4.6mb
 PMO 28.96 84 iP 54 23.90 -0.3
 0.8s 30.00nm 4.9mb
 VAH 29.15 85 iP 54 25.30 -0.6
 0.8s 20.00nm 4.8mb
 TPT 29.22 84 iP 54 26.20 -0.3
 0.8s 45.00nm 5.1mb
 ARMA 29.25 244 iPd 54 28.20 1.4
 0.6s 38.00nm 5.2mb
 RUV 29.39 85 iP 54 27.60 -0.4
 0.8s 55.00nm 5.2mb
 RMO 31.20 253 iPd 54 44.30 0.9
 0.7s 83.00nm 5.4mb
 i 54 58.70
 CNB 32.39 236 iPc 54 55.00 1.6
 1.0s 87.00nm 5.3mb
 CAN 32.67 236 iPd 54 56.70 0.9
 e 55 03.10
 BWA 32.87 238 iPd 54 56.20 -1.2
 iP 55 04.80 30kmX
 CTA 33.69 264 iPd 55 05.00 0.6

[illegible]

29d 19h

BRS	24.86	282	iPc	37	17.00	2.3	GRS	143.69	290	ePKP	51	24.00	-2.4	GKN	72.74	302	P	56	19.90	-0.5	
	1.0s	20.00nm				4.6mb		1.0s	20.00nm					HYB	75.73	290	eP	56	36.50	-1.2	
CNB	25.15	262	eP	37	21.70	4.3X	GRO	144.60	296	iPKPd	51	28.00	0.5	SPA	84.19	180	ePc	57	23.30	1.2	
	1.2s	125.00nm				5.3mb		2.0s	140.00nm						0.6s	7.32nm				4.9mb	
CAN	25.44	262	eP	37	25.60	5.5X	SDF	145.02	343	iPKP	51	26.00	-1.5	GEC2	124.32	328	PKP	03	51.00	0.9	
		e		37	33.90		ERE	145.19	291	iPKP	51	27.00	-1.8		0.8s	1.72nm					
BWA	26.08	264	eP	37	26.80	0.7	KIV	146.79	297	ePKPc	51	30.40	-1.0		S.D. = 0.8	on 17 of 19 obs.					
TOO	27.90	256	eP	37	46.10	3.5X	MOS	147.79	320	iPKPc	51	34.00	1.6X	?	OCT 29, 1992	20h 39m	40.69± 5.09s				
	1.2s	52.00nm				5.0mb		1.0s	160.00nm						32.423 S ±21.2km	176.727 W ±56.6km					
RMO	28.47	280	iPc	37	48.80	1.0	OBN	148.58	319	iPKPc	51	36.00	2.3X		DEPTH = 33.0km	(normal)					
	0.8s	77.00nm				5.4mb			e		51	44.00			3.7mb (1 obs.)						
CMS	28.95	269	eP	37	52.80	0.7		1.2s	114.00nm						SOUTH OF KERMADEC ISLANDS	(179)					
	1.1s	69.00nm				5.2mb	Z	22s	0.10um				4.6Msz	WCZ	8.19	242	eP	41	40.10	0.0	
BFD	30.28	256	eP	38	06.30	2.5X	KAF	149.06	336	iPKP	51	37.10	2.9X	MNG	10.30	215	eP	42	11.60	2.4	
	1.1s	35.00nm				5.0mb		0.6s	33.60nm						eS			42	38.50		
QLP	32.07	276	eP	38	20.00	0.3	PUL	149.17	330	ePKP	51	39.00	4.6X		eS			43	48.50		
	0.7s	39.00nm				5.3mb		1.4s	160.00nm					KIW	10.77	216	eP	42	14.90	-0.7	
CTA	33.73	288	iPc	38	34.50	0.3	LIC	150.14	169	PKP	51	43.48	6.2X	CAW	10.88	215	eP	42	15.10	-2.0	
	1.5s	208.33nm				5.8mb	KIC	150.32	170	PKP	51	43.76	6.2X	MRW	11.15	216	eP	42	21.00	0.2	
		i		38	42.00		MBH	150.44	268	ePKP	51	43.50	6.1X	DIW	11.24	219	eP	42	22.10	0.1	
		e		38	54.00		TIC	150.56	169	PKP	51	44.22	6.3X	TCW	11.35	217	eP	42	22.90	-0.6	
		e(PP)		39	57.00			0.9s	25.50nm					KHZ	12.61	215	eP	42	41.00	0.5	
		eS		43	54.00		DSI	150.63	272	ePKP	51	43.80	6.3X	WRA	45.28	273	P	47	57.20	0.0	
QIS	38.68	282	eP	39	16.00	-0.1	NUR	150.78	335	iPKP	51	41.80	5.0X		0.7s	0.70nm				3.7mb	
	1.1s	14.00nm				4.7mb		0.8s	63.30nm						S.D. = 1.3	on 9 of 9 obs.					
RAB	40.80	314	eP	39	33.00	-0.6	HRI	150.81	275	ePKP	51	44.60	6.7X	?	OCT 29, 1992	21h 11m	56.18± 5.26s				
SBA	42.55	184	ePc	39	52.00	4.8X	MMR	151.00	275	ePKP	51	45.10	6.9X		29.466 S ±26.4km	70.989 W ±42.0km					
WRA	43.21	279	P	39	52.50	-0.8	BHL	151.04	277	PKP	51	42.00	3.8X		DEPTH = 192.5 ± 28.9 km						
	0.7s	30.80nm				5.2mb	KVT	151.67	292	iPKP	51	47.00	8.1X		CENTRAL CHILE	(136)					
FORT	43.56	261	eP	39	57.00	1.0	CSS	153.15	278	ePKP	51	49.70	8.6X	RTBS	2.56	149	iPd	12	40.70	0.1	
WARB	46.51	266	eP	40	18.00	-1.7	KAS	153.39	292	ePKP	51	43.50	2.2	RTCB	2.76	137	iPd	12	43.50	0.3	
COOL	49.04	258	eP	40	39.00	-0.3	UPP	153.45	340	iPKP	51	50.10	9.4X		(S)			13	20.00		
MBL	54.36	268	eP	41	17.00	-2.4			i		52	00.20		RTLL	2.86	131	ePd	12	43.70	-0.6	
SPA	54.37	180	ePd	41	21.40	2.2	MNK	153.80	322	ePKP	51	49.00	7.6X	RTCV	3.19	139	iPc	12	48.50	0.3	
	1.1s	16.67nm				5.0mb	NB2	153.81	348	PKP	51	50.20	8.9X		(S)			13	25.80		
MKS	63.46	284	ePd	42	23.50	1.0		1.0s	10.40nm					CFA	3.19	133	ePc	12	48.20	0.0	
MAW	66.77	202	eP	42	48.00	4.9X	HFS	154.17	345	ePKP	51	50.00	8.3X	MDZ	3.87	152	eP	13	23.80	27.1X	
	1.0s	22.00nm				5.1mb	UZH	159.38	315	ePKP	52	27.00	38.5X	RTPR	3.98	103	e(P)d	12	57.50	-0.4	
NVL	73.40	184	eP	43	26.00	2.7	SPC	160.22	319	ePKP	51	54.20	4.5X	CYA	4.67	79	eP	13	07.00	0.2	
	1.2s	28.00nm				5.1mb		0.5s	1.20nm					MRA	5.40	124	e(P)	13	16.90	0.7	
	Z 18s	1.00um				5.1Msz	KSP	161.07	327	ePKPc	51	53.60	3.3X	RFA	5.71	159	ePd	13	20.00	-0.3	
	N 18s	0.50um					BRG	162.03	331	ePKP	51	54.60	3.4X		S			14	38.00		
	E 17s	0.40um						1.9s	23.00nm					TCA	5.83	110	i(P)	13	21.70	-0.3	
		e		43	50.00				e		52	06.40			(S)			14	30.50		
		eS		52	54.00		CLL	162.03	333	ePKP	52	06.00	14.8X		S.D. = 0.5	on 10 of 11 obs.					
MAT	81.94	327	eP	44	08.00	-2.8X			i		52	38.70			OCT 29, 1992	21h 56m	12.99± 0.52s				
	1.5s	27.78nm				5.0mb	SRO	162.07	317	i(PKP)	52	05.70	14.4X		7.314 N ± 3.6km	76.518 W ± 3.6km					
		eS		54	22.00		ZST	162.48	320	e(PKP)	51	53.90	2.2X		DEPTH = 34.0 ± 5.3 km						
IPM	84.02	280	ePd	44	22.50	0.5			e		05	23.80			4.9mb (51 obs.)						
MDZ	85.89	128	eP	44	09.80	-21.4X	KHC	163.52	328	ePKP	51	52.50	-0.3		NORTHERN COLOMBIA	(99)					
SSE	86.66	312	P	44	32.00	-2.7			e		52	11.00			MD 4.8 (UPA).						
	Z 20s	0.50um				4.9Msz	GEC2	163.68	327	PKP	51	53.00	-0.1								
		S		55	00.00			S.D. = 1.5	on 53 of 111 obs.					HOBC	2.96	173	iPd	56	57.32	-1.6	
YSS	89.10	335	eP	44	46.10	0.1		OCT 29, 1992	19h 44m	55.57± 0.96s				CLMC	3.41	181	eP	57	03.98	-1.3	
	1.0s	10.00nm				5.1mb		5.846 S ± 6.4km	151.625 E ± 8.3km				UPA	3.41	299	iP	57	07.26	2.0		
	Z 18s	0.40um				4.9Msz		DEPTH = 55.3 ± 10.2 km							iS			57	44.63		
	E 18s	0.30um						4.9mb (4 obs.)						AZUC	3.62	174	iPd	57	07.90	-0.6	
		(S)		55	19.00			NEW BRITAIN REGION, P.N.G.	(192)					BOG	3.62	137	iP	57	14.50	6.1X	
PET	90.45	347	eP	44	53.00	0.8	RAB	1.73	18	iP	45	23.70	0.0		ECO	3.74	303	iPc	57	11.69	1.8
	Z 16s	0.40um				4.9MszX		0.4s	637.29nm							eS		57	53.90		
		eS		55	46.00				iS		45	50.00		ANCC	3.79	185	iPc	57	09.20	-1.3	
CHG	94.09	290	eP	45	11.50	1.8	LAT	4.67	260	eP	46	14.50	9.3X	HOOC	3.82	182	iPd	57	09.61	-1.6	
ZOBO	97.14	116	eP	45	24.00	-0.6	PMG	5.67	231	eP	46	20.00	0.7	SILC	4.60	178	ePd	57	22.58	0.2	
	Z 20s	0.17um				4.5Msz			eS		47	24.00		PURC	4.96	178	eP	57	28.99	1.3	
		LR		58	08.00		HNR	8.98	114	eP	47	05.00	-0.4	DVD	5.98	281	eP	57	43.30	1.7	
TIK	113.08	344	ePKP	50	29.00	1.6	RMQ	20.71	187	iPc	49	34.00	0.2	SDV	6.03	75	iPnc	57	42.40	-0.1	
MBC	117.99	14	ePKP	50	38.50	1.7		1.1s	93.00nm							iSn		58	50.70		
	1.0s	4.00nm							e		49	44.10	5.0mb	PSO	6.13	188	eP	57	47.50	3.4X	
ELT	120.02	316	ePKP	50	39.00	-2.2	MTN	21.37	250	eP	49	40.00	-0.5	BRU	6.16	284	eP	57	45.82	1.2	
	0.6s	10.00nm					BRS	21.45	177	iPc	49	41.00	-0.3	TOV	7.09	69	ePc	57	55.50	-1.7	
NRI	123.78	335	ePKP	50	46.00	-2.0	CMS	26.08	191	eP	50	25.40	-0.4			iPP		57	57.70		
	1.0s	20.00nm						1.1s	18.00nm							iS		59	14.20		
		e		50	55.00		KUPT	28.07	259	eP	50	47.00	2.9X	CEOS	8.28	78	iP	58	11.10	-2.7X	
QUE	124.80	285	ePKP	50	50.80	-0.7	WARB	31.27	227	eP	51	12.00	-0.6					59	42.20		
BRVK	129.24	313	iPKP	50	58.00	-1.0	LZH	61.17	317	eP	55	07.50	0.4	MORO	8.84	66	eP	58	33.20	11.7X	
	1.1s	13.00nm						1.5s	16.00nm					OLLA	9.97	74	eP	58	33.90	-3.3X	
	Z 19s	0.19um				4.8Msz								GUAN	11.06	75	iP	58	47.90	-4.3X	
MAIO	132.84	289	ePKP	51	08.00	1.5	GUN	71.67	302	P	56	14.30	0.0			iS		00	27.40		
		e		54	35.00						56	17.50	1.4	TRN	15.29	76	eP	59	46.00	-2.1X	
ASH	134.19	291	ePKP	51																	

PAG	16.91	58	eP	00	12.00	3.2X	FLN	75.33	42	eP	07	55.10	0.4	GKN	140.45	27	PKP	15	35.00	-6.4X
MGG	17.16	59	eP	00	13.00	1.1		0.8s	14.90nm				5.0mb	KKN	140.92	26	PKP	15	35.40	-7.0X
BPA	17.28	55	eP	00	13.00	-0.4	MFF	75.36	44	eP	07	55.30	0.3	DMN	141.00	26	PKP	15	35.80	-6.8X
DEG	17.56	58	eP	00	16.00	-1.0		1.2s	42.25nm				5.3mb	GUN	141.07	25	PKP	15	36.50	-6.3X
NNA	19.18	181	eP	00	42.80	6.0X	EPF	75.44	48	eP	07	56.30	0.7	PKI	141.16	26	PKP	15	35.70	-7.3X
	1.1s	24.05nm				4.4mb		1.2s	32.45nm				5.2mb	HYB	145.21	45	ePKPc	15	48.50	-1.2
ARE	24.14	168	eP	01	32.00	4.6X	FBA	75.51	335	eP	07	54.14	-1.3		1.0s	40.00nm				
ZOBO	24.88	161	P	01	36.10	1.2		0.7s	4.59nm				4.6mb	GYA	146.29	355	iPKPc	15	52.00	0.5
	1.2s	30.41nm				4.8mb	LDF	75.55	42	eP	07	56.20	0.2	ASPA	146.59	237	iPKPc	15	52.60	0.7
		e		09	00.00			0.9s	12.80nm				4.9mb		0.8s	40.90nm				
LPB	25.11	161	P	01	39.20	2.3	SLKM	75.66	331	eP	07	54.79	-1.6	GBA	146.82	51	PKP	15	52.90	0.5
		e		09	32.00		LFF	75.85	46	eP	07	58.20	0.4	WRA	147.56	244	PKP	15	54.20	0.7
CNCB	25.41	161	P	01	40.00	0.1		0.6s	7.20nm				4.8mb		1.0s	9.30nm				
		e		09	16.00		LPO	76.15	46	eP	07	59.70	0.2	KMI	147.75	1	PKPd	15	56.50	2.5X
HBF	25.74	353	eP	01	44.71	2.5X		0.6s	10.00nm				5.0mb	WARB	151.05	227	ePKP	16	01.00	2.2
JSC	27.19	351	eP	01	56.46	1.0	RJF	76.42	45	eP	08	01.20	0.2	CHG	153.66	10	ePKP	16	10.00	7.3X
LHS	27.32	352	eP	01	58.24	1.6		0.9s	13.60nm				5.0mb		S.D. = 1.0	on 123 of 145 obs.				
BLA	29.97	354	eP	02	21.39	0.8	LSF	76.49	44	eP	08	01.40	0.0							
	0.9s	20.96nm				4.9mb		1.0s	11.60nm				4.8mb							
NAV	30.12	353	eP	02	21.88	0.0	SPU	76.66	331	eP	08	00.52	-1.6		OCT 29, 1992	22h 44m 46.95± 0.54s				
OLY	31.23	336	eP	02	31.29	-0.3	CRP	76.73	331	eP	08	00.82	-1.7		7.012 N ± 3.7km	76.825 W ± 4.0km				
		ePcP		02	33.18		CAF	76.79	46	eP	08	03.50	0.4		DEPTH = 36.7 ± 5.8 km					
MIAR	31.33	332	eP	02	30.72	-1.8		0.8s	0.65nm				3.7mb X		5.1mb (59 obs.)	4.2Msz (5 obs.)				
	0.8s	3.71nm				4.3mb	TCF	76.96	44	eP	08	04.10	0.1		NORTHERN COLOMBIA				(99)	
UYO	31.44	331	iPc	02	33.20	-0.3		0.6s	4.35nm				4.7mb		MD 4.8 (UPA).					
FVM	33.03	340	(P)	02	48.72	1.4	MAF	77.21	44	eP	08	05.50	0.1	HOBC	2.73	165	iPc	45	27.74	-1.7
	0.8s	14.50nm				4.9mb		0.9s	10.15nm				4.9mb	CLMC	3.12	175	iPc	45	34.51	-0.6
TBR	33.75	3	eP	02	56.06	2.5X	BGF	77.42	44	eP	08	06.60	0.1	UPA	3.32	306	ePd	45	39.70	2.0
MEQ	34.05	326	iPc	02	53.50	-2.8X		0.9s	11.80nm				4.9mb		iS			46	17.01	
BAO	36.31	129	Pd	03	15.10	-0.7	AVF	77.77	44	eP	08	08.40	0.0	AZUC	3.37	168	iPc	45	38.34	-0.5
		e		03	21.00			0.8s	6.45nm				4.7mb	ANCC	3.47	181	eP	45	38.58	-1.4
		e		03	23.00		SSF	77.89	44	eP	08	09.00	-0.1	HOOC	3.53	177	iPc	45	39.85	-1.1
RSNY	37.13	2	eP	03	22.68	0.4		1.0s	12.40nm				4.9mb	BOG	3.63	131	iPd	45	44.00	1.5
	0.7s	8.29nm				4.7mb	SMF	78.11	44	eP	08	10.30	0.0		iS			46	32.00	
JFWS	37.47	343	eP	03	25.29	0.2		1.2s	26.20nm				5.1mb	ECO	3.68	310	ePd	45	46.01	3.1X
	0.6s	12.53nm				5.0mb	LOR	78.14	43	eP	08	10.30	-0.2		eS			46	26.34	
ALQ	38.90	319	eP	03	37.13	-0.3		1.3s	19.85nm				5.0mb	SILC	4.32	174	eP	45	52.75	0.3
	1.2s	30.08nm				4.9mb	IMA	78.15	336	ePc	08	08.87	-1.4	PURC	4.68	174	eP	45	58.87	1.3
EEO	39.24	357	eP	03	43.00	3.0X		1.4s	13.47nm				4.8mb	PSO	5.80	185	eP	46	14.50	1.2
TUC	40.41	313	eP	03	49.87	0.0	LBF	78.21	44	eP	08	10.60	-0.3	BRU	5.95	288	ePd	46	17.45	1.9
	0.8s	3.58nm				4.2mb	SVW	78.37	331	eP	08	09.77	-1.7		eS			47	23.89	
VAO	41.75	137	(P)	04	01.00	0.0		0.7s	28.09nm				5.4mb	SDV	6.41	73	iPnc	46	18.10	-3.6X
PDCR	42.07	118	eP	04	02.10	-1.5	DOU	78.73	40	Pc	08	13.80	0.2		iSn			47	23.00	
RFA	42.54	170	ePc	04	09.00	1.7	DHH	79.29	290	(P)	08	17.51	0.3	TOV	7.48	68	iPc	46	31.80	-4.8X
RSSD	43.83	331	eP	04	17.58	-0.3	ENN	79.60	40	eP	08	18.50	0.2		iS			47	49.80	
	0.8s	9.06nm				4.6mb		0.8s	10.00nm				4.9mb	CEOS	8.64	76	eP	46	46.20	-6.5X
SRU	44.01	321	eP	04	18.83	-0.5	WLF	79.73	41	P	08	30.00	11.0X		eS			47	56.30	
		ePcP		06	03.54		LPL	80.10	45	eP	08	22.50	1.1	MORO	9.24	65	iPd	47	08.80	7.8X
EMUT	44.61	322	eP	04	24.38	0.1		0.6s	4.35nm				4.6mb		iS			48	59.40	
MSU	44.71	319	eP	04	25.28	0.2	LPG	80.12	45	eP	08	22.70	1.1	OLLA	10.35	73	iP	47	09.00	-7.3X
		ePcP		06	06.97			0.7s	5.50nm				4.7mb	CAR	10.38	70	eP	47	20.00	3.3X
DAU	45.24	322	eP	04	29.61	0.2	BSF	80.14	43	eP	08	21.20	-0.2	LLAV	10.48	70	iPd	47	11.30	-6.7X
		ePcP		06	08.60			0.8s	7.40nm				4.7mb	GUAN	11.44	74	eP	47	23.70	-7.4X
ULM	45.75	343	ePd	04	34.00	1.2	WTS	80.17	39	iP	08	22.00	0.7		eS			49	26.30	
PEC	45.87	311	eP	04	32.29	-1.8		0.7s	14.00nm				5.1mb	CUM	12.97	74	iP	48	00.00	8.5X
	0.9s	6.28nm				4.5mb	CDF	80.46	42	eP	08	23.20	0.1	TRN	15.66	76	eP	48	21.00	-5.7X
DUG	46.08	321	ePc	04	36.04	0.3		1.0s	10.00nm				4.8mb	NEV	17.18	53	eP	48	44.88	-1.1
	0.9s	7.52nm				4.6mb	NB2	82.56	29	P	08	34.20	0.5	MGH	17.23	55	eP	48	48.06	1.4
JAQ	46.36	1	eP	04	36.50	-1.1		1.1s	9.90nm				4.8mb	BPA	17.70	54	eP	48	50.77	-1.7
HVU	46.98	323	(P)	04	42.09	-0.8	GRF	83.02	41	eP	08	37.00	0.7	CPB	18.05	53	eP	48	52.42	-4.3X
PTI	47.40	324	eP	04	45.21	-1.1		Z	19s	0.20um			4.5Msz	NNA	18.87	180	eP	49	09.00	2.0
HHA	47.67	325	(P)	04	47.61	-0.7	HFS	83.82	30	eP	08	38.40	-1.7		1.0s	31.00nm			4.5mb	
BONR	48.53	315	eP	04	55.37	0.1		0.4s	1.10nm				4.3mb	ARE	23.91	167	eP	50	03.00	4.1X
LRM	49.30	327	eP	05	00.20	-0.8	CLL	84.05	39	iPd	08	42.80	1.3	ZOBO	24.70	160	P	50	06.20	-0.7
SES	51.67	332	eP	05	17.00	-1.7		1.9s	26.00nm				5.1mb		1.0s	45.50nm			5.0mb	
FCC	53.07	349	eP	05	29.50	0.5	KHC	84.59	41	Pc	08	45.00	0.7			i		54	32.00	
DPW	53.68	326	eP	05	32.41	-1.3		1.2s	8.00nm				4.8mb	HBF	26.00	353	eP	50	19.04	0.8
VGB	53.88	323	eP	05	34.54	-0.7			i				08 49.50	SGS	26.27	353	(P)	50	20.66	-0.1
YKA	61.67	341	P	06	27.30	-2.5	BRG	84.68	40	eP	08	45.60	0.9	PRM	27.42	350	eP	50	31.62	0.3
	0.6s	25.00nm				5.5mb		1.2s	13.00nm				5.0mb	JSC	27.44	352	eP	50	31.35	-0.1
TIC	70.90	85	Pc	07	29.06	-0.4			e				09 18.00	LHS	27.58	353	eP	50	32.26	-0.5
	0.8s	22.00nm				5.2mb	GEC2	84.70	42	Pc	08	45.30	0.4	BLA	30.24	354	eP	50	57.29	0.7
LIC	70.93	86	Pc	07	29.42	-0.2		1.4s	8.79nm				4.8mb		1.0s	28.99nm			5.0mb	
	0.6s	23.00nm				5.4mb	PRU	85.14	40	Pc	08	48.00	1.0	NAV	30.38	354	eP	50	57.69	-0.2
KIC	71.20	86	Pc	07	31.14	-0.1	KSP	86.16	39	eP	08	53.00	0.9	OLY	31.38	337	ePd	51	05.80	-0.9
	0.8s	29.50nm				5.4mb	SDF	88.22	22	iP	09	02.00	0.3	MIAR	31.46	333	eP	51	06.06	-1.3
PAB	71.64	51	eP	07	33.00	-0.5	SPC	88.92	41	eP	09	07.20	1.5		0.8s	9.65nm			4.7mb	
DCN	71.82	36	eP	07	34.00	-0.2	NUR	89.15	29	iP	09	05.90	-0.3	UYO						

29d 22h

BAO	36.36	128	Pc	51	48.00	-1.9	1.2s	45.20nm	5.3mb	e	57	23.50	
			e	51	56.20		Z	22s	0.13um	e	58	05.50	
			e	52	50.50		SLKM	75.77	331 eP	56	29.68	-1.0	
			e	02	16.00		MFF	75.79	44 eP	56	31.10	0.1	
			e	02	20.90			1.0s	29.40nm	5.2mb			
			e	03	02.20		EPF	75.87	47 eP	56	32.10	0.5	
			e	03	31.90			1.1s	32.00nm	5.2mb			
			e	03	47.80		LDF	75.98	42 eP	56	32.00	-0.1	
			e	03	54.50			1.2s	41.95nm	5.3mb			
			e	04	02.80		LFF	76.28	46 eP	56	33.90	0.1	
			e	04	14.00			1.0s	28.40nm	5.2mb			
			e	04	28.00		LPO	76.58	46 eP	56	35.50	0.0	
			e	04	36.80			0.9s	24.25nm	5.2mb			
			e	04	41.90		RJF	76.85	45 eP	56	37.00	0.0	
			e	04	45.50			1.0s	24.60nm	5.2mb			
			e	04	49.80		Z	21s	0.10um	4.1msz			
			e	04	55.00		LSF	76.92	44 eP	56	37.20	-0.2	
			e	05	04.00			0.8s	11.80nm	5.0mb			
			e	05	20.40		CAF	77.22	46 eP	56	39.20	0.1	
			e	05	27.60			1.1s	35.90nm	5.3mb			
			e	05	38.90		TCF	77.39	44 eP	56	39.90	-0.1	
			e	05	40.10			1.3s	25.60nm	5.1mb			
ACTO	36.56	356	P	51	51.32	0.2	MAF	77.63	44 eP	56	41.30	0.0	
WLVO	36.79	358	P	51	52.96	-0.1		1.0s	20.60nm	5.1mb			
RSNY	37.44	3	eP	51	58.68	0.1	BGF	77.84	44 eP	56	42.40	-0.1	
	0.9s	17.93nm			4.9mb			1.2s	28.25nm	5.2mb			
JFWS	37.67	344	ePd	51	59.29	-1.2	AVF	78.20	44 eP	56	44.00	-0.4	
	0.7s	42.94nm			5.4mb			1.1s	17.60nm	5.0mb			
ALO	38.93	320	ePd	52	12.02	0.6	IMA	78.30	336 eP	56	44.12	-0.7	
	0.8s	10.13nm			4.7mb			1.4s	12.65nm	4.7mb			
EEO	39.53	358	eP	52	18.50	2.5X	SSF	78.32	43 eP	56	44.70	-0.4	
TCA	39.89	164	iP	52	18.10	-1.1		1.0s	19.00nm	5.1mb			
LMN	40.07	13	eP	52	23.50	3.0X	SMF	78.53	44 eP	56	46.10	-0.2	
TUC	40.39	313	eP	52	24.09	0.7		1.0s	23.40nm	5.1mb			
	1.0s	11.56nm			4.6mb		LOR	78.57	43 eP	56	46.10	-0.4	
MDZ	40.39	170	eP	52	26.60	3.3X		1.1s	21.00nm	5.1mb			
GOL	41.42	326	eP	52	32.34	0.4	Z	20s	0.17um	4.4msz			
	1.0s	28.34nm			5.0mb		LBF	78.64	44 eP	56	46.30	-0.6	
VAO	41.74	136	eP	52	31.10	-3.5X		1.1s	12.95nm	4.8mb			
PDCR	42.20	117	eP	52	34.70	-3.7X	ENN	80.02	40 eP	56	54.50	0.3	
RSSD	43.95	332	eP	52	52.60	0.1		1.0s	17.00nm	5.0mb			
	1.0s	24.98nm			4.9mb		WLF	80.15	41 Pc	56	55.00	0.1	
MSU	44.74	320	eP	52	59.15	0.2	LRG	80.28	47 eP	56	56.00	0.3	
		ePcP		54	40.65			0.9s	14.40nm	5.0mb			
ARUT	45.15	318	eP	53	02.06	-0.2	Z	20s	0.15um	4.3msz			
PLM	45.38	311	eP	53	05.06	1.0	LMR	80.39	47 eP	56	56.60	0.3	
BW06	45.82	326	eP	53	06.50	-1.0		0.8s	7.95nm	4.8mb			
	1.5s	19.07nm			4.8mb		FRF	80.48	47 eP	56	57.00	0.1	
		ePcP		54	43.00			0.9s	18.35nm	5.1mb			
PEC	45.84	311	eP	53	08.21	0.7	LPL	80.53	45 eP	56	58.10	0.8	
	0.6s	5.37nm			4.6mb			0.8s	9.40nm	4.8mb			
JAD	46.66	1	eP	53	12.50	-1.1	LPG	80.54	45 eP	56	58.40	0.9	
TNP	47.85	316	eP	53	24.05	0.5		1.0s	11.20nm	4.8mb			
	0.8s	9.50nm			4.9mb		BSF	80.56	43 eP	56	56.90	-0.4	
BONR	48.53	316	eP	53	29.63	0.7		1.0s	18.20nm	5.0mb			
LRM	49.39	328	eP	53	35.10	-0.3	WTS	80.60	39 iPd	56	57.90	0.7	
ORV	51.49	316	ePd	53	51.42	0.2		1.0s	40.00nm	5.4mb			
SES	51.79	333	eP	53	52.00	-1.3	CDF	80.89	42 eP	56	59.00	0.0	
LBFM	52.58	318	(P)	53	58.21	-1.4		0.9s	13.25nm	4.9mb			
FCC	53.31	349	eP	54	05.50	1.1	DIX	81.00	45 ePd	57	01.00	1.1	
DPW	53.76	327	eP	54	07.37	-0.6	MMK	81.38	45 ePd	57	03.30	1.5	
YKA	61.86	341	eP	55	02.70	-2.0	ZLA	81.65	43 ePd	57	03.30	0.4	
	0.7s	10.70nm			5.1mb		SLE	81.71	43 ePd	57	03.60	0.4	
AVE	68.99	57	eP	55	50.00	-1.0	TMA	82.01	44 ePd	57	05.60	0.6	
TIC	71.23	85	P	56	03.98	-1.1	VDL	82.42	44 ePd	57	08.00	0.9	
	0.9s	18.50nm			5.1mb		OSS	82.87	44 ePd	57	10.30	0.8	
LIC	71.26	86	P	56	04.40	-0.8	NB2	82.97	29 P	57	09.60	0.1	
	0.8s	25.50nm			5.3mb			1.0s	15.40nm	5.0mb			
KIC	71.53	86	P	56	06.06	-0.8	GRF	83.44	41 iPc	57	13.00	0.9	
	0.9s	30.50nm			5.3mb		Z	22s	0.10um	4.1msz			
PAB	72.06	51	eP	56	10.00	0.3			e(P)	57	20.00	22kmX	
BALM	72.17	332	eP	56	10.01	0.1	MOX	83.64	40 e(P)	57	12.80	-0.3	
DCN	72.24	36	eP	56	10.10	-0.2	CLL	84.48	39 iP	57	17.20	-0.1	
	0.9s	48.00nm			5.5mb			1.1s	16.00nm	5.1mb			
DMU	72.57	36	eP	56	10.90	-1.4	WET	84.56	41 iPd	57	18.70	0.9	
	0.9s	48.00nm			5.5mb			1.2s	26.00nm	5.3mb			
MBC	72.97	350	eP	56	13.00	-1.3	KHC	85.02	41 Pc	57	21.00	0.9	
	0.7s	4.00nm			4.5mb			1.0s	8.90nm	4.9mb			
EKA	74.99	35	Pc	56	26.30	0.0			e	57	28.10		
	1.1s	20.10nm			5.0mb		KBA	85.04	43 iPd	57	20.90	0.5	
LPF	75.31	42	eP	56	28.10	-0.2		1.5s	31.50nm	5.3mb			
	1.1s	19.80nm			5.0mb		BRG	85.10	39 iP	57	21.00	0.6	
GRR	75.47	42	eP	56	29.10	-0.1		1.3s	18.00nm	5.1mb			
	1.0s	30.60nm			5.2mb			i	57	26.90			
FBA	75.66	335	eP	56	28.96	-1.0	GEC2	85.12	42 e(P)	57	21.40	0.7	
	1.0s	6.22nm			4.5mb			0.9s	11.60nm	5.1mb			
FLN	75.76	42	eP	56	30.90	0.1	PRU	85.56	40 eP	57	21.80	-0.9	

			e	57	23.50		
			e	58	05.50		
KSP	86.59	39	ePd	57	29.00	1.2	
VRAC	86.97	41	P	57	30.60	1.0	
	1.6s	59.30nm				5.6mb	
ZST	87.44	42	iP	57	32.80	0.8	
SRO	88.30	42	eP	57	36.80	0.7	
SDF	88.61	22	iP	57	37.60	0.4	
OJC	88.89	40	eP	57	40.80	1.9	
SPC	89.35	41	eP	57	43.30	2.0	
MLR	93.91	43	eP	58	04.00	1.6	
RMQ	132.57	240	ePKP	04	01.00	0.8	
	0.6s	6.00nm					
GKN	140.85	26	PKP	04	08.60	-7.2X	
KKN	141.32	26	PKP	04	10.10	-6.6X	
DMN	141.40	26	PKP	04	10.30	-6.6X	
GUN	141.47	25	PKP	04	11.50	-5.6X	
PKI	141.56	26	PKP	04	11.00	-6.3X	
HYB	145.63	45	ePKPc	04	23.00	-1.1	
	1.0s	90.00nm					
ASPA	146.18	237	iPKPd	04	25.00	0.1	
	0.9s	21.60nm					
WRA	147.16	244	PKP	04	26.80	0.3X	
	0.7s	5.10nm					
GBA	147.25	51	PKP	04	22.90	-3.8X	
WARB	150.62	227	iPKPd	04	37.00	5.3X	
	0.5s	6.00nm					
KLB	152.01	207	ePKP	04	40.00	6.4X	
CHG	154.00	9	ePKP	04	44.50	7.7X	
S.D. = 0.9 on 129 of 157 obs.							

& OCT 30, 1992 00h 07m 18.33s
60.983 N 146.925 W
DEPTH = 22.1km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

GLI	0.13	219	iPc	07	22.53	-0.4
			eS	07	26.51	
VZW	0.20	67	eP	07	23.76	0.0
FID	0.32	137	iPc	07	24.87	-0.6
			eS	07	30.37	
VLZ	0.32	62	iPd	07	25.19	-0.3
			eS	07	30.73	
HIN	0.62	160	ePd	07	29.62	-0.9
			eS	07	38.50	
KLU	0.71	43	iPd	07	30.81	-1.1
			eS	07	40.48	
CVA	0.72	127	ePc	07	31.62	-0.5
KNIM	0.75	212	P	07	30.70	-1.9
KNK	0.86	301	ePc	07	33.30	-1.2
			eS	07	45.28	
SCM	0.88	347	iPd	07	33.43	-1.4
			eS	07	45.52	
SGAM	0.97	119	eP	07	35.27	-1.1
PTE	1.03	264	iPc	07	35.69	-1.6
			eS	07	49.14	
LTI	1.05	206	ePc	07	36.15	-1.5
			eS	07	50.69	
SML	1.07	321	ePd	07	36.56	-1.4
			eS	07	50.64	
TOA	1.18	17	P	07	39.00	-0.6
GHO	1.25	310	eP	07	39.17	-1.4
RAGM	1.26	117	eP	07	40.25	-0.4
			eS	07	56.79	
TZL	1.29	33	eP	07	40.60	-0.4
MPA	1.30	249	iPc	07	39.66	-1.5
			eS	07	56.57	
PMS	1.31	283	P	07	40.00	-1.4
HMT	1.46	115	eP	07	42.29	-1.3
SEW	1.53	236	ePd	07	42.93	-1.5
			eS	08	02.00	
PWA	1.57	296	P	07	45.00	-0.1
GLB	1.58	72	ePc	07	44.43	-0.8
			eS	08	04.78	
MID	1.59	169	P	07	44.70	-0.6
KAIM	1.63	129	P	07	44.50	-1.5
SDG	1.68	22	P	07	46.50	-0.3
SLKM	1.69	255	P	07	45.70	-1.1
CROM	1.87	95	eP	07	48.57	-1.0
SUA	1.91	286	P	07	49.50	-0.6
TGL	2.02	95	P	07	50.50	-1.2
WAX	2.07	103	eP	07	50.96	-1.5
PAX	2.11	18	P	07	52.50	-0.5
BALM	2.23	87	iPc	07	53.59	-1.2
			eS	08	21.23	
SKT	2.43	296	P	07	56.00	-1.4

CGLM	2.49	280	P	07	57.00	-1.4	CNB	33.41	233	iPc	58	13.00	1.6	LOR	150.98	357	iPKPd	11	05.90	5.9X	
SPU	2.50	277	eP	07	56.42	-2.1		0.4s	51.00nm			5.5mb			0.7s	11.45nm					
CRP	2.55	279	P	07	58.50	-0.9	CTA	33.62	261	iPc	58	12.00	-1.2	SSF	151.21	358	iPKPd	11	06.50	6.2X	
CKN	2.56	278	P	07	58.50	-0.9		0.5s	12.32nm			4.8mb			0.9s	16.40nm					
CNPM	2.60	238	P	07	58.00	-1.9	CAN	33.69	233	iPd	58	14.90	1.2	LBF	151.26	357	iPKPd	11	06.40	5.9X	
BKG	2.60	274	P	07	58.40	-1.6	BWA	33.82	235	eP	58	14.70	-0.1		0.8s	7.50nm					
YAH	2.62	101	eP	07	58.96	-1.5	PMG	34.73	280	eP	58	22.00	-0.4	AVF	151.48	358	iPKPd	11	06.70	6.0X	
CKL	2.64	277	P	07	58.70	-1.9	CMS	35.07	241	iPd	58	25.90	0.9		0.5s	1.45nm					
BGL	2.67	278	eP	07	59.29	-1.7		0.7s	21.00nm			4.9mb		BGF	151.73	359	iPKPd	11	07.50	6.4X	
CTGM	2.73	88	P	08	00.60	-1.2	OLP	35.63	250	iPd	58	29.90	0.2		0.8s	10.35nm					
DFR	2.85	265	P	08	01.10	-2.4		0.8s	206.00nm			5.8mb		TCF	152.01	359	iPKPd	11	08.10	6.6X	
REF	2.88	263	eP	08	02.48	-1.5	LAT	35.82	284	eP	58	31.80	0.5		0.8s	7.00nm					
RSO	2.91	262	P	08	02.50	-2.0	TOO	37.15	231	iPd	58	43.90	1.8	LSF	152.05	0	iPKPd	11	07.90	6.3X	
RS2	2.91	262	P	08	02.70	-1.8		0.6s	48.00nm			5.3mb			0.7s	7.60nm					
RS1	2.91	262	P	08	02.50	-2.0	MDG	37.48	286	eP	58	45.50	0.5	MAF	152.07	359	iPKP	11	08.50	6.9X	
NCT	2.98	264	P	08	03.50	-1.8	OIS	39.82	260	eP	59	02.60	-1.3		0.9s	7.35nm					
HDA	3.44	360	eP	08	10.69	-1.1		0.3s	2.00nm			4.1mb		LPL	152.48	353	ePKP	11	10.00	7.5X	
CCB	3.70	354	eP	08	13.91	-1.6	WRA	44.79	260	P	59	41.80	-1.2		0.6s	2.00nm					
53 obs. associated								0.6s	15.60nm			4.7mb		LPG	152.50	352	ePKP	11	10.20	7.6X	
? OCT 30, 1992 00h 33m 16.09±1.14s							ASPA	44.92	255	iPd	59	43.50	-0.5		0.6s	1.70nm					
0.242 S ±19.4km 15.724 W ±16.0km								0.8s	224.90nm			5.7mb		RJF	153.00	0	iPKPd	11	10.20	7.3X	
DEPTH = 10.0km (geophysicist)							KNA	50.66	264	iPd	00	25.60	-1.4	CAF	153.38	360	iPKPd	11	11.40	7.9X	
4.3mb (8 obs.)								0.4s	21.00nm			5.0mb			0.7s	3.10nm					
NORTH OF ASCENSION ISLAND (407)							WARB	51.39	251	iPd	00	31.20	-1.0	S.D. = 1.0 on 49 of 79 obs.							
LIC	12.46	59	P	36	16.20	-0.2	MEEK	58.53	250	eP	01	20.30	-1.6	* OCT 30, 1992 00h 59m 17.17±1.22s							
TIC	12.68	57	P	36	19.00	-0.4	MUN	60.18	243	iPc	01	32.30	-0.4	51.616 N ± 9.8km 7.625 E ±10.2km							
KIC	12.77	59	P	36	20.60	0.0	MRWA	60.58	246	iPc	01	34.60	-0.8	DEPTH = 10.0km (geophysicist)							
			S	39	01.00			0.6s	8.00nm			4.2mb		GERMANY (543)							
LPG	49.69	21	eP	42	11.30	0.7	NANU	61.85	254	iPd	01	43.30	-0.3	MD 2.7 (UCC). ML 2.6 (BNS).							
	0.5s	1.80nm			4.3mb			0.4s	26.00nm			4.9mb		WTS	0.63	307	ePg	59	30.00	0.2	
LPL	49.70	21	eP	42	11.80	1.3	MAT	68.29	323	eP	02	20.00	-3.4X	BNS	0.71	204	iPg	59	30.32	-0.9	
	0.7s	3.00nm			4.4mb			0.8s	9.70nm			4.4mb			0.6s	128.00nm					
SSF	50.02	17	eP	42	13.80	1.1	PLM	77.77	49	eP	03	18.20	0.8			id	59	31.32			
	0.7s	2.55nm			4.3mb		TNP	80.02	44	eP	03	30.30	1.2			eSg	59	43.28			
LOR	50.32	17	eP	42	15.10	0.1		0.8s	1.18nm			3.4mb X		ENN	1.37	232	ePn	59	42.00	-0.2	
	0.7s	2.75nm			4.3mb		SNG	83.94	280	eP	03	48.90	0.0		0.5s	7.00nm					
HAU	51.74	19	eP	42	25.70	-0.1	PV10	85.76	47	eP	03	58.20	0.6			ePg	59	44.00			
	0.7s	66.05nm			5.7mb X		FBA	86.06	12	eP	03	57.00	-1.2			eSn	00	01.00			
CDF	52.40	19	eP	42	30.60	-0.3	BW06	87.43	43	iP	04	05.10	-0.3	MEM	1.43	226	iPd	59	42.84	-0.3	
	0.8s	3.65nm			4.4mb		LZH	91.26	308	eP	04	23.20	0.1			iS	00	02.45			
GEC2	55.09	23	Pd	42	49.00	-1.7		1.5s	30.00nm			5.1mb		ABH	1.74	182	ePn	59	47.91	0.3	
	0.6s	1.51nm			4.2mb		RSSD	91.63	44	eP	04	23.00	-1.7	RUP	1.95	191	ePn	59	52.16	1.5	
		e			44 45.80		KAS	144.26	317	iPKPd	10	49.40	-0.3	WLF	2.17	206	P	59	59.00	5.2X	
		e			44 52.50		SPC	145.71	338	ePKP	10	52.60	0.6	DOU	2.45	233	iP	00	04.60	6.8X	
		e			44 54.10		CLL	145.82	347	iPKPd	10	52.30	0.5	MOX	2.70	110	ePg	00	06.40	5.0X	
NB2	64.52	14	P	43	53.30	-1.9		1.0s	32.00nm					GRF	2.99	129	e(Pg)	00	05.00	-0.5	
	0.7s	1.50nm			4.3mb		BRG	146.02	346	iPKP	10	53.60	1.4			eSg	00	52.30			
MAIO	78.25	53	eP	45	20.00	1.9		1.0s	20.00nm					S.D. = 0.9 on 7 of 10 obs.							
SPA	89.76	180	iPc	46	15.60	-0.4	WTS	146.07	354	iPKPc	10	53.20	1.0	* OCT 30, 1992 01h 53m 44.79±2.60s							
	0.9s	5.45nm			4.8mb			0.9s	19.00nm					37.102 N ±19.6km 21.377 E ±18.8km							
WRA	144.47	126	PKP	52	52.80	-2.5X	HRI	146.15	303	ePKP	10	54.80	1.7	DEPTH = 10.0km (geophysicist)							
	0.7s	3.70nm					MLR	146.22	329	ePKPc	10	53.50	0.6	SOUTHERN GREECE (368)							
RMQ	149.50	152	ePKP	53	07.30	4.0X	PRU	146.71	345	PKPd	10	55.20	1.9X	VLS	1.24	330	ePg	54	07.80	-0.1	
	1.1s	21.00nm							e		10 58.00			VLI	1.31	107	ePb	54	09.00	0.0	
S.D. = 1.2 on 13 of 15 obs.							MOX	146.72	349	ePKP	10	55.20	1.9X	ATH	2.05	64	ePb	54	13.90	-5.8X	
OCT 30, 1992 00h 52m 19.12±0.53s							ZNT	147.03	301	ePKP	10	57.00	2.6X	AGG	2.06	21	eP	54	19.70	-0.2	
18.223 S ±11.6km 178.174 W ± 4.9km							ENN	147.37	355	ePKP	10	57.00	2.7X	KEK	2.89	335	ePg	54	40.20	8.6X	
DEPTH = 596.0 ± 7.5 km								0.6s	6.00nm					LIT	3.12	16	eP	54	36.50	1.6	
4.9mb (23 obs.)							CSS	147.45	307	ePKP	10	57.30	2.3X	KZN	3.21	5	ePb	54	40.40	4.0X	
FIJI ISLANDS REGION (181)							SRO	147.55	339	iPKP	10	57.50	2.8X	KNT	4.22	16	eP	54	49.90	-0.7	
SVA	3.20	271	ePc	53	38.90	-0.6	GRF	147.71	349	iPKPd	10	58.40	3.4X	VAY	4.31	12	ePn	54	55.44	3.5X	
AFI	7.50	56	eP	54	16.00	1.8	KHC	147.74	345	ePKP	10	55.00	-0.1	SRS	4.36	23	eP	54	52.00	-0.6	
			eS	55	44.00			0.9s	5.00nm					SKO	4.86	1	ePn	55	11.00	11.3X	
DZM	14.94	253	iPc	55	27.40	0.7			e		10 58.50			S.D. = 1.1 on 6 of 11 obs.							
AFR	27.02	93	iP	57	16.70	-0.4	MBH	147.80	297	iPKPd	10	59.10	3.3X	% OCT 30, 1992 02h 34m 43.09±4.44s							
	0.6s	20.00nm			4.9mb		GEC2	147.97	345	PKP	10	54.80	-0.7	43.360 N ±25.8km 18.568 E ±22.3km							
PAE	27.20	93	iP	57	18.20	-0.4		1.0s	1.21nm					DEPTH = 10.0km (geophysicist)							
	0.6s	15.00nm			4.8mb		DOU	148.13	357	PKP	10	59.10	3.5X	NORTHWESTERN BALKAN REGION (383)							
PPT	27.21	93	iP	57	18.30	-0.4	WLF	148.44	355	PKPd	11	00.20	4.2X	BRY	0.46	182	iPg	34	51.69	-0.8	
	0.6s	25.00nm			5.0mb		FLN	149.48	3	iPKPd	11	02.10	4.4X	PLE	0.60	93	iPg	34	54.55	-0.8	
TVO	27.50	94	iP	57	21.10	-0.2		0.9s	19.50nm						NKY	0.63	150	iPg	34	55.34	-0.5
	0.6s	75.00nm			5.5mb		CDF	149.56	353	iPKPd	11	02.60	4.7X			iSg	35	06.35			
BRS	28.23	246	iPc	57	28.00	0.4		0.6s	7.60nm					HCY	0.91	183	iPg	35	00.35	-0.2	
PMO	29.17	88	iP	57	35.30	-0.4	KBA	149.70	344												

E	17s	3.50um				KUPT	42.52	203	eP	57	09.40	1.0				i	59	15.00				
		iSp	56	53.00			1.3s	5133.60nm				6.7mb				i	59	20.00				
SWI	31.50	195	iPc	55	37.50	0.3			ed	02	55.20					i	00	15.00				
KKM	32.01	227	ePd	55	43.70	2.0	SNG	42.52	246	iPd	57	10.10	1.6			i	04	06.00				
	1.4s	3041.80nm				6.4mb		0.8s	1500.00nm			6.4mb				eS	04	42.00				
		e	56	08.00					e	02	05.10					i	07	13.00				
TSM	32.38	222	ePc	55	45.20	0.4			eS	04	02.50					iPd	58	07.15	-0.8			
	1.2s	2885.30nm				6.5mb	WMO	42.64	304	iPd	57	10.15	0.8			iPd	58	20.50	1.5			
KMI	32.40	270	iPd	55	46.00	0.8		1.0s	340.00nm			5.6mb										
	1.9s	3800.00nm				6.4mb		Z	16s	5.44um		5.5MsZx				Z	16s	7.67um	5.8MsZx			
	Z	15s	7.80um			5.5MsZx		N	10s	2.98um						N	14s	7.53um				
	N	10s	3.40um					E	10s	4.03um						E	13s	16.30um				
	E	10s	5.10um							e	58	31.26				PP	00	22.00				
		ePP	57	09.88						eSPc	59	11.82				S	05	10.00				
YAK	32.65	352	iPc+	55	46.10	-0.5			S	03	00.00					ePd	58	23.20	0.7			
	1.5s	709.00nm				5.8mb	WSI	43.30	207	ePd	57	13.00	-1.6			e	00	30.00	6.2mb			
		iPP	56	56.00		368kmX			eS	03	11.00											
		i	57	12.00					eP	57	19.00	1.0				iPd	58	23.75	0.2			
		iS	00	28.00			SVO	43.73	149	eP	57	19.00	1.0			ePc	58	23.99	0.1			
		eS	02	36.00			KGM	43.76	237	ePd	57	20.00	1.7									
		i	05	22.00				1.4s	4941.30nm			6.6mb				0.9s	1373.84nm	6.3mb				
BOD	32.76	336	iPc	55	48.10	0.6			e	57	33.10					ePc	58	23.49	-0.6			
	1.2s	1333.00nm				6.1mb	IPM	43.81	242	ePd	57	19.90	1.2			1.0s	209.64nm	5.4mb				
GTA	33.34	297	iPd	55	53.60	0.7		1.0s	681.50nm			5.9mb					iPd	58	30.00	-0.3		
	1.2s	450.00nm				5.7mb			e	57	32.60					0.6s	673.33nm	6.2mb				
	Z	14s	15.40um			5.9MsZx	HNR	44.04	149	eP	57	20.00	-0.5			ASPA	53.52	186	P	58	31.29	-0.7
	E	13s	9.91um				KHKI	44.22	214	ePc	57	21.90	0.0			BRW	53.73	21	ePd	58	33.14	0.1
		pP	57	10.00		408kmX			eS	03	23.70					IMA	53.86	28	ePc	58	33.65	-0.5
		sP	57	52.00					e	11	29.60						1.2s	491.00nm	5.7mb			
		S	00	40.00			KLM	44.28	240	eP	57	23.00	0.5			KDC	53.88	38	ePc	58	32.91	-1.3
ZAK	33.61	318	iPc+	55	56.00	1.2		1.2s	4399.00nm			6.7mb					1.0s	733.48nm	6.0mb			
	1.0s	437.00nm				5.7mb	ELT	44.53	317	iPd	57	24.60	0.7			epP	59	55.04	399kmX			
		e	57	20.00				2.0s	555.00nm			5.5mb				iPd	58	35.80	-0.1			
		e	57	57.00				Z	14s	8.80um		5.8MsZx					1.5s	1236.00nm	6.0mb			
		eS	00	47.00				N	13s	3.60um						Z	16s	7.21um	5.8MsZx			
		eSS	03	00.00				E	14s	5.40um						N	14s	3.00um				
		eP	55	55.90	0.3				i	58	43.00					E	14s	6.39um				
WWKK	33.67	172	eP	55	55.90	0.3			e	59	28.00					iS	05	37.80				
IRK	33.85	321	iP	55	58.00	1.2			iS	03	25.00					ePd	58	35.65	-0.3			
	6.0s	1.34nm				2.4mb X			i	03	32.00					epP	59	59.62	409kmX			
		e	56	03.60					e	06	58.00					ePc	58	35.39	-0.8			
		e	56	12.00			UKR	45.12	314	iPd	57	29.00	0.3			epP	59	59.08	407kmX			
		e	56	20.00				1.0s	540.00nm			5.8mb				eP	58	35.08	-1.3			
		esP	57	17.00				Z	15s	2.24um		5.2MsZx				eP	58	40.53	-2.2			
		e	57	37.00				N	15s	4.50um						iPd	58	44.00	0.6			
		e	57	59.00					i	58	56.00					iPc	58	44.20	0.2			
		ePcP	59	09.00					i	59	26.00					eP	58	44.80	-1.5			
		iS	00	52.00					iS	03	34.80						1.0s	1408.99nm	6.3mb			
		i	01	04.00					i	05	52.00					Z	21s	4.20um	5.5MsZ			
		i	01	11.00					i	06	37.00					epP	00	08.70	405kmX			
		e	01	35.00												S	05	59.77				
		e	03	12.00			TRT	45.19	218	iPd	57	10.70	-18.8X			ePd	58	51.00	0.0			
		e	03	49.00			ILT	45.37	21	iPc	57	30.00	-0.4									
		e	04	12.00					iS	03	35.70					eS	06	06.00				
		LR	09	20.00			SJI	45.68	219	iPd	57	34.30	0.9				06	49.49	-1.2			
SMY	34.32	38	eP	56	01.47	0.8			iS	03	43.00					ePc	58	49.49	-1.2			
	1.4s	3749.28nm				6.5mb	KNA	46.48	194	iPd	57	31.90	-7.5X									
MOY	35.46	319	iPc	56	11.70	1.4		0.7s	1020.00nm			6.2mb				0.6s	64.25nm	5.2mb				
	1.2s	240.00nm				5.4mb	KNA	46.48	194	iPd	57	39.30	-0.1									
MDG	35.59	168	eP	56	13.70	2.0		0.7s	1020.00nm			6.2mb										
PCI	35.70	214	ePd	56	13.00	0.4																
		e	59	57.70			PKI	46.67	281	Pd	57	42.00	0.6									
LOE	36.16	258	iPd	56	17.50	0.9	DMN	46.91	281	Pd	57	44.20	1.0									
MNDI	36.17	172	eP	56	18.10	1.3	ANM	48.75	28	eP	57	56.22	-0.1									
YYYY	36.60	168	eP	56	20.40	0.1	NRI	48.83	339	iPc+	57	55.00	-1.9									
LAT	37.20	167	eP	56	26.00	0.9		1.0s	910.00nm			6.1mb										
CHG	37.93	262	iPd	56	32.80	1.6		Z	18s	64.00um		6.7MsZx										
	1.1s	332.28nm				5.6mb		E	17s	24.00um												
		eS	05	00.90					i	59	20.00											
BDT	38.56	260	eP	56	37.00	0.7			iS	04	20.00											
ADK	39.24	43	ePc	56	41.11	-0.4			iPS	04	36.00											
	1.2s	1385.42nm				6.1mb			e	06	46.00											
UER	39.49	316	iPc	56	44.00	0.5	SDN	49.34	41	ePc	57	58.75	-2.2			epP	01	09.00				
	0.8s	350.00nm				5.7mb		0.6s	1002.08nm			6.3mb				eS	06	34.00				
		iS	02	14.20			PRZ	49.49	302	iPc	58	04.00	1.5			e	07	22.00				
MKS	39.65	211	iPd	56	46.50	1.3		1.0s	1600.00nm			6.3mb										
PMG	39.90	167	eP	56	47.00	-0.3			eS	04	38.00											
KHT	40.05	257	iPd	56	49.00	0.5	WRA	49.80	186	P	58	03.80	-0.9									
NNT	40.20	253	iPd	56	51.90	2.2		0.8s	190.90nm			5.5mb										
LSA	41.25	282	iPd	57	00.19	1.4	TLG	50.15	303	Pd	58	09.00	1.7									
		ePP	58	38.96				1.2s	1320.00nm			6.1mb										
		iSPc	59	02.14					e	00	10.00											
TIK	42.11	355	iPc+	57	04.20	-0.4			iS	04	49.00											
	1.5s	290.00nm				5.4mb			i	07	10.00											
	Z	16s	6.50um			5.6MsZx	QIS	50.21	179	iPd	58	06.50	-1.3									
		i	58	50.00					eS	04	45.00											
		iS	02	50.00			CTA	50.23	171	iPd-	58	07.00	-1.0									
		i	06	15.00				1.5s	694.44nm			5.8mb										
									e	58	11.00											
									i	58	24.00											

BMW	73.89	45	iSS	17	50.00		
			ePc	00	43.13	0.3	
			epP	02	11.94	398kmX	
KIV	74.05	312	iPd	00	44.50	0.7	
			iS	02	13.30		
			iS	09	41.50		
TAB	74.14	305	esS	10	11.70		
			eSS	14	40.20		
			iPd-	00	45.20	0.7	
LOF	74.22	342	i	02	14.00		
			iPc	00	43.74	-0.5	
			ePc	00	45.66	0.4	
RMW	74.31	44	iP-	00	48.00	1.6	
			i	02	17.50		
			iS	09	48.00		
ERE	74.50	308	eP	00	47.99	0.9	
			ePc	00	46.32	-0.7	
			e	02	56.82		
SHW	74.63	45	e	00	48.10	0.5	
			e	01	10.40		
			iPd	00	50.60	0.1	
LON	74.64	45	iP	00	50.00	0.0	
KUZ	74.76	150					
KER	75.20	301					
NUR	75.25	332					
WLZ	75.65	151					
VGB	75.85	46					
MOZ	75.86	152					
EKR	75.91	51					
FHC	75.97	51					
FOX	76.09	51					
SOC	76.13	312					
Z	18s	4.50um					
N	15s	3.00um					
E	16s	1.50um					
DPW	76.26	43					
PATZ	76.37	151					
DHR	76.43	293					
HBZ	76.61	149					
URZ	76.63	150					
CNZ	76.76	152					
QRZ	76.97	154					
BSZ	77.01	152					
ANN	77.03	314					
Z	16s	2.00um					
N	18s	3.00um					
E	16s	2.80um					
WDC	77.04	51					
Z	20s	1.84um					
PAHZ	77.11	150					
LBFM	77.11	50					
NOZ	77.33	150					

CAW	78.18	153	eP	01	05.10	-1.2	FRI	80.73	53	iPc	01	20.44	0.5		1.0s	125.00nm	5.6mb				
SNZO	78.21	153	ePd	00	53.36	-13.1X	KVN	80.77	50	ePd	01	21.38	1.0		PPT	83.43	114	iP	01	36.00	2.1
			esPc	03	03.31					eP	02	56.12	420kmX		1.0s	90.00nm	5.5mb				
			S	10	13.00		KART	80.81	312	iP	01	22.00	1.4		MLR	83.45	319	iPd	01	33.50	-0.3
			e	11	04.00		PHAM	80.83	54	iP	01	21.50	0.9		BMR	83.47	322	ePd	01	36.00	2.3
			(SS)	14	21.00		SIZ	80.87	160	eP	01	19.90	-0.3		PAE	83.48	115	iP	01	36.20	2.1
ORV	78.23	51	iPc	01	06.79	0.0	KIS	80.91	319	iPd-	01	21.00	0.3			1.0s	55.00nm	5.3mb			
PGZ	78.25	152	P	01	05.90	-0.8				2.0s	1600.00nm	6.4mb		UZH	83.51	323	iPd-	01	34.50	0.6	
	0.4s	270.00nm			6.3mb		Z	18s	8.30um						Z	18s	9.00um	6.2Msz			
LMZ	78.38	158	P	01	06.70	-0.6	N	12s	2.60um						E	18s	9.00um				
MTW	78.40	153	P	01	06.20	-1.3	E	17s	4.10um												
UPP	78.42	334	iPd	01	07.20	-0.1				iP	02	50.00	391kmX								
			iP	02	40.00	413kmX				e	06	30.00									
			iPP	04	09.00					iS	10	52.00									
			iS	10	24.70		MEMM	80.91	52	iP	01	22.75	1.9		PPN	83.52	114	iP	01	36.30	1.9
ZSP	78.50	53	iPc	01	08.95	0.7	PKEM	80.92	54	eP	01	21.50	0.5			1.0s	80.00nm	5.4mb			
NOW	78.52	153	P	01	06.90	-1.3	MCMT	81.01	43	ePc	01	21.70	0.1		GYN	83.54	313	iP	01	34.40	0.0
BKS	78.54	53	iPc	01	08.85	0.3	LCCM	81.02	42	iPc	01	22.00	0.4		SSK	83.57	54	iP	01	35.05	0.3
LTZ	78.58	156	eP	01	07.40	-1.0				e	01	56.70									
PCC	78.62	53	eP	01	09.27	0.4	KAS	81.05	313	iPd	01	22.80	1.1		TPT	83.57	111	iP	01	35.60	1.0
KHZ	78.72	155	P	01	07.40	-1.7	BONR	81.20	51	eP	01	23.68	0.9			1.0s	105.00nm	5.5mb			
	0.4s	120.00nm			6.0mb		SXM	81.24	41	ePc	01	23.90	1.2		DUG	83.60	47	iP	01	35.59	0.8
SES	78.95	38	iPc	01	10.20	-0.3	FCC	81.26	25	ePc	01	25.10	2.8X			0.9s	250.33nm	6.0mb			
	0.8s	649.00nm			6.4mb		BGMT	81.27	43	iPc	01	23.50	0.6								
SIM	78.95	316	iP+	01	11.00	0.5	BCH	81.38	54	iP	01	24.28	0.7		GSC	83.61	53	iPc	01	35.44	0.6
			ePPP	06	12.00		HYA	81.46	339	iPd	01	23.10	-0.2								
			iS	10	33.00		FOO	81.48	340	iPd	01	23.72	0.4								
			e	10	46.00		KONO	81.48	337	ePd	01	22.94	-0.5		VAH	83.70	111	iP	01	36.80	1.5
			eSS	15	52.00					iPc	02	51.78	389kmX			1.0s	55.00nm	5.3mb			
			eSSS	19	12.00					esPc	03	34.82			BHL	83.72	305	P	01	34.00	-1.4
GCC	79.12	54	eP	01	11.95	0.4	LTMT	81.62	43	ePc	01	26.30	1.5								
AKKT	79.25	311	eP	01	13.10	0.7	MEMT	81.68	42	iPc	01	25.60	0.6		OJC	83.76	326	iP	01	35.20	0.1
ARN	79.29	53	iP	01	12.91	0.4	QASM	81.77	295	iPd	01	25.80	0.2			1.2s	487.00nm	6.1mb			
BWZ	79.30	158	eP	01	11.80	-0.4	TPMT	81.77	43	ePc	01	26.90	1.3			Z	14s	10.20um	6.4MszX		
MOZ	79.52	156	eP	01	12.30	-1.0	TNP	81.86	51	eP	01	26.64	0.5			N	14s	6.10um			
MHZ	79.58	159	P	01	14.10	0.3				1.0s	183.41nm	5.8mb			E	14s	8.70um				
LRCZ	79.61	159	eP	01	13.80	-0.2	WAR	81.87	327	P+	01	25.00	-0.5								
SBCZ	79.62	159	P	01	14.30	0.4				Z	20s	3.00um	5.7Msz								
SAO	79.63	54	iPc	01	14.50	0.2															
TLC	79.64	159	eP	01	14.20	0.1															
			e	01	36.20		LVV	81.88	324	iP	01	27.00	1.3		EYL	83.78	313	eP	01	35.40	-0.2
CMCZ	79.66	159	eP	01	13.60	-0.6				Z	13s	13.00um	6.5MszX		TVO	83.80	114	iP	01	38.30	2.4
			e	01	35.40											1.0s	115.00nm	5.6mb			
LSCZ	79.66	159	eP	01	14.00	-0.1	SBC	82.02	55	ePc	01	27.72	1.0		RUV	83.87	111	iP	01	37.30	1.2
HFS	79.69	335	eP	01	13.60	-0.5										1.0s	105.00nm	5.5mb			
	0.6s	214.60nm			6.0mb		CLI	82.07	320	iPd	01	27.00	0.3		HRI	83.99	305	iPd	01	37.20	0.4
	Z	18s	3055.00um		8.7MszX					e	10	59.00			MUD	84.00	335	iPd	01	36.00	-0.1
KVT	79.73	312	iP	01	17.00	2.2	HHA1	82.14	44	iP	01	28.72	1.4			1.0s	100.00nm	5.5mb			
CMB	79.74	52	ePc	01	11.00	-3.9X	ABL	82.16	54	iP	01	28.43	0.7								
			iP	02	43.00	407kmX	ISA	82.26	53	ePc	01	26.37	-1.7		BUC	84.00	318	iPd	01	36.50	0.1
			eS	10	40.00					1.3s	257.23nm	5.8mb		CEI	84.02	323	eP	01	39.00	2.6X	
			eSKS	10	59.00					Z	20s	2.27um	5.5Msz		BUC1	84.08	318	ePd	01	36.00	-0.8
			ePS	12	25.00										CMP	84.09	320	iPd	01	39.00	2.0
			eLS	15	59.00										PEC	84.11	54	ePc	01	37.49	0.2
			eLQ	22	07.00											0.7s	161.96nm	5.9mb			
CMB	79.74	52	eP	01	15.21	0.3	ADAT	82.27	308	iP	01	30.00	2.1		ISK	84.18	314	iP	01	37.00	-0.4
	0.8s	229.54nm			6.0mb		DVR	82.28	313	iP	01	28.60	0.6		ITU	84.18	314	iPd	01	37.00	-0.4
	Z	19s	2.11um		5.5Msz		BER	82.33	339	eP	01	28.00	0.3		SPC	84.20	325	iPd	01	38.80	1.2
			pP	02	46.33	403kmX	PTT	82.35	320	eP	01	21.50	-6.6X								
SVST	79.81	310	iP	01	16.50	1.2	CFR	82.36	318	iPd	01	28.50	0.3								
PRS	79.90	54	iPc	01	16.40	0.7				e	11	00.00			SHMJ	84.26	304	Pd	01	38.80	0.8
NB2	79.92	337	P	01	14.80	-0.5	PTI	82.39	45	eP	01	29.78	1.1		FAM	84.30	307	eP	01	37.80	-0.3
	0.6s	85.90nm			5.7mb		88TK	82.51	312	eP	01	29.90	0.6		JARJ	84.39	304	Pc	01	38.10	-0.6
MOL	79.97	339	iPd	01	16.01	0.5	SGKT	82.57	313	iP	01	30.20	0.6		COZ	84.45	320	iP	01	39.50	0.6
RYD	79.98	293	iPd	01	16.50	0.1	BSD	82.70	331	iPc	01	29.50	-0.2		DAU	84.46	46	ePc	01	40.22	0.9
			iS	10	41.00					1.0s	16.00nm	4.7mb X		ARUT	84.54	49	ePd	01	40.26	0.8	
ODZ	80.01	158	eP	01	15.00	-0.4	HVU	82.74	46	iP	01	31.39	0.9								
			e	01	43.40																
TRHT	80.02	311	iP	01	17.10	0.7	VR1	82.78	319	iPd	01	31.00	0.7		DMK	84.54	316	eP	01	38.90	-0.3
LLA	80.06	54	iPc	01	17.09	0.6	BRD	82.81	319	iPd	01	32.20	1.7		PLM	84.61	55	eP	01	40.32	0.4
PRI	80.49	54	iPc	01	20.02	1.1	AKU	83.05	351	iP	01	33.70	2.5X		ALT	84.66	312	iP	01	39.30	-0.7
TUZ	80.50	159	eP	01	18.70	0.4				1.0s	156.00nm	5.7mb		SALJ	84.70	304	Pc	01	39.80	-0.5	
	0.8s	382.00nm			6.2mb									PFO	84.76	54	ePc	01	41.15	0.5	
MJMA	80.50	294	iPd	01	19.30	0.3	AFR	83.25	115	iP	01	34.90	1.9								
BUT	80.53	42	ePc	01	19.60	0.6				1.0s	135.00nm	5.6mb		CSS	84.78	307	eP	01	40.50	0.0	
HRV	80.56	41	iPc	01	19.70	0.6	NAL	83.25	313	iP	01	33.40	0.4		MASJ	84.82	304	Pd	01	40.90	0.0
BZK	80.58	313	iP	01	20.00	0.9	PAS	83.26	55	iPc	01	33.40	0.4		MSU	84.96	48	eP	01	42.74	1.1
HBMT	80.62	42	iPc	01	20.10	0.5	KMY	83.27	338	eP	01	32.53	0.1								
GDH	80.68	4	iPc	01	19.50	0.5	COP	83.31	333	iPd	01	33.00	0.3		KSP	85.02	328	iPd	01	41.60	0.2
	1.0s	296.00nm			6.0mb					0.9s	346.22nm	6.1mb			1.4s	518.00nm	6.2mb				
			i	02	47.00																
			i	10	52.00																
LRM	80.70	42	iPc	01	20.50	0.5	ISR	83.32	319	ePd	01	34.00	0.9		REY	85.03	352	iP	0		

30d 03h

KCT	85.09	314	eP	01	41.40	-0.6	MOX	87.27	330	iPd	01	51.80	-0.5	EAU	88.74	340	iPd	01	59.00	-0.1
PSZ	85.20	324	iPd	01	42.70	0.3		1.6s	217.00nm				5.7mb		0.7s	99.00nm			5.8mb	
BRNL	85.24	330	ePd	01	42.20	-0.1			ePP	03	26.50	412kmX				e	03	28.60		
			epP	03	16.10	410kmX			eS	11	40.00						01	58.54	-1.0	
			eS	11	26.40		HOF	87.40	329	iPd	01	52.60	-0.3	LIT	88.76	317	iP	01	59.50	0.0
BCK	85.25	311	eP	01	40.50	-2.4		1.6s	230.00nm			5.8mb		BHG	88.80	327	iPd	01	59.50	0.0
LISJ	85.25	303	Pd	01	42.90	0.1	KHC	87.47	328	iPd	01	53.40	0.1		1.6s	711.00nm			6.3mb	
BNT	85.30	314	iP	01	41.90	-1.1		Z 14s	7.00um			6.2MszX		BNS	88.92	332	iPKPd	01	59.30	-0.7
BRN	85.31	330	ePd	01	43.50	0.8		N 14s	3.20um					Z 14s	8.50um			6.3MszX		
			epP	03	16.50	406kmX		E 14s	4.20um						iPP+	03	31.00			
			ePP	05	05.00				e	02	18.50				ePS	13	13.00			
EDC	85.34	314	iP	01	42.70	-0.5			e	02	57.40			PHP	88.94	319	iPd	01	59.00	-1.3
KHL	85.45	312	iP	01	42.30	-1.6			iPP	05	24.00			TNS	88.95	331	ePc	02	00.00	-0.3
PPCY	85.50	308	eP	01	43.20	-0.8			SKS	11	40.00					e	03	38.40		
SRU	85.67	47	eP	01	45.41	0.3			SP	12	50.00					ic	05	38.00		
			epP	03	18.79	407kmX	SRS	87.47	317	iP	01	52.76	-0.7			id	11	49.70		
BZS	85.77	321	iPc	01	36.50	-8.6X	EDR	87.56	340	eP	01	53.50	0.0			iS	13	15.70		
TIM	85.91	322	iPd	01	48.00	2.2			e	03	24.90			FNA	88.98	318	eP	01	59.16	-1.4
VRAC	85.92	326	iPd	01	46.10	0.4	GEC2	87.61	327	Pd	01	53.40	-0.7	HLW	88.99	304	eP-	02	01.00	0.3
	2.3s	1065.80nm				6.3mb		0.6s	17.05nm			5.1mb				eS	11	48.00		
			i	03	25.50		WIT	87.71	333	ePKP	01	54.00	-0.3	NKY	89.02	320	iPd	02	00.10	-0.7
			e	10	38.30				ePP	03	34.50		KBA	89.03	326	iPd	01	59.90	-1.0	
			i	11	30.70		WET	87.78	328	iPd	01	54.50	-0.3		1.4s	123.00nm			5.6mb	
			e	11	43.70			2.0s	350.00nm			5.9mb				i	02	09.30		
			i	12	38.00		SOH	87.79	317	eP	01	53.76	-1.3			i	03	35.30		
			i	12	43.50		KNT	87.85	317	eP	01	54.70	-0.5			i	03	40.20		
BUD	85.93	324	iPc	01	45.00	-0.9	VAY	87.94	318	iPd	01	55.30	-0.3			i	04	55.10		
DHJN	85.95	288	iPd	01	47.46	0.6		1.3s	432.00nm			6.1mb				i	05	37.20		
BRG	86.07	329	iPd	01	46.20	-0.3			i	03	34.30					i	05	40.60		
	1.5s	220.00nm				5.8mb			iS	11	40.00					i	10	43.10		
			i	02	09.60		KMR	87.96	327	iP-	01	56.10	0.5			i	11	45.90		
			iPP	03	20.00	409kmX			iPP	03	27.10	393kmX		KZN	89.05	317	iPd	01	59.50	-1.5
			iSKS	11	28.00				iS	11	41.60			EKA	89.08	339	Pd	02	00.60	-0.1
			iS	14	32.00				iS	11	41.60				1.2s	146.40nm			5.7mb	
			eP'P'	27	44.00		GRF	88.14	329	iPd	01	56.60	0.2	ESK	89.11	339	iPd	02	01.00	0.2
SRO	86.07	324	iPd	01	47.30	0.8		1.6s	475.00nm			6.1mb			1.0s	120.00nm			5.7mb	
			i(pP)	03	26.20	435kmX	Z 22s	2.00um				5.5Msz		LJU	89.18	325	eP	02	00.00	-1.3
			i(S)	11	33.50				ePP	03	31.90	413kmX				ePP	03	39.00		
PRNI	86.08	303	iPd	01	46.80	-0.2			iSKS	11	44.60					e	07	36.00		
ELL	86.10	310	iP	01	46.60	-0.5			eS	12	04.50					eSKSoc	11	42.00		
AYN	86.12	301	iPd	01	46.60	-0.5	THE	88.14	317	iP	01	55.74	-0.8			ESP	13	18.00		
ALN	86.13	316	iP	01	46.66	-0.3	PAIG	88.15	316	iP	01	55.94	-0.7							
CLL	86.18	329	iPd	01	46.30	-0.7	SKO	88.19	319	iPd	01	56.40	-0.4	VBV	89.19	324	eP	02	00.60	-0.7
	1.6s	320.00nm				5.9mb		1.7s	519.00nm			6.1mb				e	02	08.10		
			iPP	03	25.50	436kmX	Z 18s	4.11um				5.9Msz		BRY	89.21	321	iPd	02	00.78	-0.9
			eSKS	11	30.00				i	03	28.50			FUR	89.22	328	iPd	02	01.50	0.0
			eS	11	41.00				i	03	38.20				1.6s	609.00nm			6.2mb	
			P'P'	27	40.00				i	05	38.00					iS	11	51.00		
GLA	86.20	54	eP	01	48.43	0.9			i	07	27.00			SDA	89.24	320	eP	02	01.80	0.2
KMTA	86.21	289	iPd	01	48.66	0.7			iS	11	44.00			ATH	89.34	314	eP	02	00.80	-1.4
ABHA	86.27	289	iPd	01	50.00	1.7			i	12	06.20			LACI	89.39	319	iPd	02	01.10	-1.2
PRU	86.42	328	iPd	01	48.10	-0.1			i	12	20.50			TUC	89.44	53	ePd+	02	03.88	1.0
	1.7s	243.90nm				5.8mb			i	13	09.50				0.8s	33.83nm			5.2mb	
Z 18s	5.40um					6.0Msz			i	18	19.00			Z 18s	3.10um				5.8Msz	
			pP	03	21.00	404kmX			i	23	34.00					epP	03	36.32	399kmX	
			i	03	26.30				LR	45	01.50					ePP	05	38.72		
			ePP	05	11.90		GRG	88.27	317	eP	01	55.96	-1.3			S	12	09.70		
			SKS	11	33.00		WTS	88.28	333	iPKPd	01	56.40	-0.6			SP	13	22.71		
			S	11	46.60			1.0s	65.00nm			5.4mb		ULC	89.44	320	iPd	02	01.13	-1.5
			SP	12	46.60				ePP	03	36.00			CEY	89.44	325	eP	02	00.90	-1.7
			sS	14	35.40				eSKP	05	31.00					eSKSoc	11	50.50		
			eSS	17	36.30				ePS	13	08.00			BDV	89.46	320	iPd	02	01.88	-0.8
ZST	86.42	325	iPd	01	48.10	-0.1	ELO	88.28	340	iPd	01	56.70	-0.3	VOY	89.50	325	iPd	02	01.50	-1.4
			e(pP)	03	23.20	415kmX		1.3s	82.00nm			5.4mb				epP	03	41.00	434kmX	
			i	03	27.30				e	03	26.50					eSKSoc	11	49.60		
			e	06	43.50		EBH	88.41	340	eP	01	57.30	-0.3							
RSSD	86.51	40	ePc+	01	49.15	0.1			e	03	31.30			AGG	89.53	316	eP	02	00.80	-2.3
	0.7s	122.34nm				5.9mb								HCY	89.54	320	iPd	02	01.03	-2.0
Z 20s	1.21um					5.3Msz	ESY	88.42	340	ePd	01	57.30	-0.3	ENN	89.58	332	iPKPd	02	02.60	-0.4
			epP	03	25.35	420kmX			e	03	31.20				1.0s	52.00nm			5.3mb	
			S	11	41.49		PLE	88.46	321	iPd	01	58.27	0.1			ePP	03	40.00		
ULM	86.57	32	ePd	01	51.50	2.6X	IVA	88.48	320	iPd	01	58.17	-0.1			eSKP	05	40.00		
EZN	86.60	315	iP	01	46.90	-2.3	GOL	88.51	44	iPc	01	59.46	0.8			ePS	13	21.00		
HQL	86.62	302	iPd	01	48.60	-0.9		1.2s	178.32nm			5.8mb		FVI	89.65	326	Pd	02	02.00	-1.4
TBI	86.76	119	iP	01	53.40	3.3X			iPPc	03	28.30	382kmX		WATA	89.69	327	iPd	02	02.90	-0.9
	1.0s	100.00nm				5.6mb			esPd	04	11.06				i	11	51.60			
VKA	86.76	326	iPd	01	49.90	0.0			S	11	54.77				i	11	59.40			
	4.0s	1791.00nm				6.3mb X	PTJ	88.56	324	iPd	01	58.10	-0.5	WTTA	89.71	327	iPd	02	03.20	-0.8
Z 15s	5.60um					6.1MszX	KOT	88.60	304	eP-	01	57.00	-1.9		2.0s	298.00nm			5.8mb	
			iPP	03	24.40	411kmX	ZAG	88.60	324	iPd	01	58.30	-0.3			i	03	38.20		
			i	05	16.20				iS	11	46.00				i	03	43.50			
			i	11	37.90		PVY	88.62	320	iPd	01	58.68	-0.3			i	05	38.90		
			i	12	48.20		EBL	88.68	340	ePd	01	58.60	-0.2			i	05	44.10		
			LR	46	00.00				e	03	32.40				i	10	46.30			
IZM	86.86	313	iP	01	47.00	-3.6X	EAB	88.71	340	iPd	01	58.90	0.0			i	11	52.20		
PRK	86.98	314	eP	01	50.60	-0.4		0.8s	88.00nm			5.7mb		RIY	89.74	325	iP	02	02.70	-1.2
WAJH	87.12	299	iPd	01	51.30	-0.7														

		e(pP) 03 36.00 406kmX	HAU	91.54 330 iPd	02 11.40 -0.8		1.4s 210.85nm	6.1mb
		e 04 53.00		1.5s 246.55nm	5.9mb	MAF	94.54 331 iPd	02 25.80 -0.2
		e 06 48.00		21s 2.35um	5.6Msz		1.5s 284.15nm	6.2mb
		e(pPP) 07 08.00	ARV	91.77 324 Pd	02 12.90 -0.4	JFWS	94.56 34 eP	02 25.62 -0.5
		e(PPP) 07 44.00		epP 03 53.50 438kmX			0.6s 33.99nm	5.7mb
		e(ScS) 11 51.50	LOMF	91.83 330 P	02 12.92 -0.7		epP 04 01.62 414kmX	
		e(S) 12 15.00		PP 05 59.76			ePP 06 20.55	
		e(SP) 13 24.00	DLF	91.85 340 iPd	02 13.30 -0.1	COLF	94.62 330 P	02 26.13 -0.3
		e 15 56.00		1.2s 153.00nm	5.8mb	TCF	94.63 332 iPd	02 26.00 -0.5
		e(SS) 18 20.00	TMA	91.85 328 iPd	02 12.90 -1.0		1.7s 241.15nm	6.1mb
BERA	89.86 318 eP	02 03.30 -1.2	SFI	92.02 325 Pd	02 15.00 0.6	MNO	94.74 319 P	02 26.86 -0.5
SQTA	89.94 327 iPd	02 04.20 -0.8	DCN	92.02 341 iPd	02 14.00 -0.3	FRF	94.81 327 iPd	02 25.80 -1.5
	1.6s 207.00nm	5.7mb		1.3s 246.00nm	6.0mb		1.3s 58.10nm	5.6mb
	i 11 49.10		VAI	92.08 328 Pd	02 13.60 -1.0	LSF	94.94 332 iPd	02 27.20 -0.6
	i 11 54.10			epP 03 53.00 432kmX			1.5s 228.75nm	6.1mb
TPE	90.09 318 eP	02 03.00 -2.6X	PGD	92.12 325 P	02 15.50 0.4	LRG	95.03 327 iPd	02 27.10 -1.1
HOFF	90.13 330 P	02 05.70 0.1	CRE	92.18 325 Pd	02 15.10 -0.2		1.5s 175.50nm	6.0mb
	PP 05 43.83		ASS	92.22 324 P	02 15.60 0.1	Z	22s 2.90um	5.7Msz
HVAR	90.16 322 iP	02 05.60 -0.3	DUI	92.28 322 P	02 15.30 -0.5	LMR	95.05 327 iPd	02 27.10 -1.2
LANF	90.16 330 P	02 05.50 -0.3	ETA	92.28 340 eP	02 15.40 0.0		1.5s 175.50nm	6.0mb
	PP 05 46.91		MMK	92.31 328 iPd	02 15.70 -0.3	GIB	95.08 319 P	02 26.00 -2.7
UCC	90.18 333 P-	02 05.00 -0.8	AQU	92.35 323 P	02 16.10 0.1	MEU	95.18 318 P	02 29.62 0.4
	pP 03 41.00	415kmX	MME	92.40 326 P	02 16.80 0.3	MFF	95.33 333 iPd	02 29.20 -0.3
	PP 05 42.00			1.5s 291.70nm	6.0mb		1.7s 317.60nm	6.2mb
	iSKS 11 54.00		FIR	92.42 325 e(P)	02 07.00 -9.2X	RJF	95.71 331 iPd	02 31.00 -0.3
	S 12 24.00			i 12 08.00			1.5s 237.15nm	6.1mb
	SP 13 29.00		DIX	92.54 329 iPd	02 16.80 -0.3	Z	19s 2.88um	5.8Msz
OGA	90.29 327 iPd	02 06.10 -0.6	BDI	92.54 326 P	02 14.90 -2.0	CAF	95.79 331 iPd	02 31.70 0.0
WLF	90.34 332 iPd	02 06.40 -0.1	BOB	92.58 327 Pd	02 16.60 -0.5		1.8s 186.55nm	5.9mb
	pP 03 40.00	404kmX	SDI	92.59 322 Pd	02 16.30 -0.9	MEO	95.81 44 iPd	02 31.90 -0.1
	PKKP 19 34.00		ORX	92.62 328 P	02 15.55 -1.8	OCO	95.97 43 iPd	02 33.50 0.8
IGT	90.40 317 eP	02 06.20 -0.9	TDS	92.62 319 Pd	02 17.40 0.1	LVI	96.02 320 P	02 32.50 -0.3
SNF	90.43 333 iPd	02 06.43 -0.5	ORO	92.63 328 Pd	02 15.60 -1.7	FNO	96.20 43 iPd	02 34.30 0.6
	PP 05 46.80		MNS	92.70 323 Pd	02 16.40 -1.3	DRV	96.30 180 eP	02 33.00 -0.1
STR	90.49 330 P	02 07.24 0.0	ECB	92.74 340 eP	02 17.30 -0.2		S 08 27.00	
	PP 05 49.63		EMS	92.76 329 iPd	02 17.40 -0.7	LFF	96.33 332 iPd	02 33.90 -0.2
CTI	90.59 326 Pd	02 06.50 -1.4	ECP	92.77 339 eP	02 17.00 -0.7		1.8s 244.25nm	6.1mb
	epP 03 46.00	433kmX		1.0s 255.00nm	6.2mb	LPO	96.35 331 iPd	02 33.80 -0.4
KEK	90.59 318 eP	02 07.20 -0.7	RFI	92.78 322 P	02 18.12 0.2		1.7s 197.75nm	6.0mb
VLI	90.60 314 iPd	02 05.60 -2.4		1.5s 212.70nm	5.9mb	EEO	96.38 25 ePc	02 37.00 2.7X
DOU	90.64 333 P	02 07.00 -0.9	LSD	93.13 328 P	02 19.44 -0.4	SIO	96.51 42 e(P)	02 35.20 0.1
	pP 03 37.00	386kmX	LOR	93.17 331 iPd	02 18.90 -0.8	LNO	96.69 42 ePc	02 35.80 0.0
	PP 05 42.00			1.5s 285.20nm	6.1mb		e 02 40.70	
	PPP 07 54.00		Z	20s 3.85um	5.9Msz		e 04 12.40	
	e 11 35.00		PCP	93.18 327 P	02 18.71 -1.1		e 06 28.90	
	iSKS 12 00.00		RSL	93.19 329 P	02 19.12 -0.9	LN02	96.69 42 ePc	02 35.90 0.1
	ScS 12 26.00		LPL	93.28 329 iPd	02 19.80 -0.7	LN03	96.69 42 eP	02 35.90 0.0
	SP 13 32.00			1.1s 115.75nm	5.8mb	RLO	96.96 41 eP	02 36.90 -0.2
	SSP 18 30.00		LPG	93.28 329 iPd	02 19.90 -0.7	VVO	97.13 42 eP	02 38.20 0.4
	PKKP 19 32.30			1.1s 138.20nm	5.9mb	FVM	98.16 37 eP	02 42.44 -0.1
ANMO	90.76 48 iPd	02 11.29 2.2	RSP	93.32 328 P	02 19.31 -1.2		0.8s 25.59nm	5.6mb
ALQ	90.77 48 eP	02 10.09 1.0	LBF	93.34 331 iPd	02 19.70 -0.8		epP 04 18.08 413kmX	
	0.9s 197.42nm	6.0mb		1.6s 223.25nm	6.0mb	MIAR	98.94 42 ePc	02 46.06 -0.1
SLE	90.78 329 iPd	02 08.00 -0.7	SSF	93.48 331 iPd	02 20.50 -0.6		1.0s 26.40nm	5.5mb
WLS	90.79 330 P	02 08.39 -0.4		1.4s 210.85nm	6.0mb		epP (PP) 06 47.05	
	PP 05 51.52		BHB	93.55 328 P	02 18.71 -2.8X	ELC	99.32 37 eP	02 47.83 0.1
CDF	90.82 330 P	02 08.50 -0.5	FIN	93.59 327 P	02 19.72 -2.0	PAF	99.79 218 eP	02 55.00 5.8X
	PP 05 51.68		BNI	93.66 328 Pd	02 21.40 -0.7		e 05 12.00	
OSS	90.83 328 iPd	02 08.90 -0.2		epP 04 01.50 435kmX			ePP 07 08.00	
LIBD	90.88 330 P	02 08.86 -0.2	SMF	93.66 331 iPd	02 21.30 -0.7		eSP 16'03.00	
	PP 05 52.10			1.5s 345.75nm	6.2mb	RSNY	99.81 24 ePc	02 49.83 0.0
FEL	90.91 329 P	02 08.60 -0.8	FLN	93.68 334 iPd	02 21.20 -0.8		0.8s 12.84nm	5.4mb
	PP 05 52.44			1.5s 214.15nm	6.0mb	Z	19s 1.76um	5.6Msz
ECH	91.03 330 P	02 09.12 -0.7		20s 3.03um	5.8Msz		epP 04 22.31 397kmX	
	PP 05 52.95		LDF	93.68 334 iPd	02 21.20 -0.8	NAI	101.18 275 Pd diff	02 57.80 1.1
ZLA	91.04 329 iPd	02 09.10 -0.8		1.5s 246.55nm	6.1mb		1.0s 40.00nm	5.9mb
ASW	91.05 299 iP-	02 10.00 -0.3	ROB	93.68 327 P	02 20.40 -1.8	Z	18s 0.79um	5.3Msz
	eS 12 01.00		RRL	93.71 328 P	02 21.78 -0.7		PP 07 08.00	
WME	91.09 339 iPd	02 09.70 -0.2	AVF	93.76 331 iPd	02 21.80 -0.6		PPP 09 18.00	
	1.1s 129.00nm	5.8mb		1.5s 415.75nm	6.3mb	LMN	101.54 17 ePd diff	03 02.50 5.2X
VLS	91.12 316 iPd	02 09.40 -1.0	SOI	93.86 318 Pd	02 23.10 0.1	HRV	102.62 23 Pd diff	03 02.01 -0.2
AKSR	91.19 298 iPd	02 10.20 -0.7	GRN	93.93 329 P	02 22.42 -0.9		pP 04 33.12	
LLS	91.23 328 iPd	02 10.40 -0.6	IMI	93.96 327 P	02 21.91 -1.6		PP 07 25.23	
AKUR	91.24 298 iPd	02 10.50 -0.6	MSI	94.06 319 Pd	02 22.30 -1.6		pPP 08 44.34	
VDL	91.29 328 ePd	02 11.00 -0.3	GRR	94.13 334 iPd	02 23.60 -0.4	TBR	102.89 25 ePd diff	03 03.23 -0.2
MOF	91.31 330 P	02 10.54 -0.7		1.6s 279.85nm	6.1mb	PNJ	103.12 25 ePd diff	03 04.80 0.4
	PP 05 55.22		ATN	94.14 319 P	02 22.40 -1.9		i 05 31.90	
JAO	91.35 20 ePc	02 10.50 -0.7	BGF	94.15 331 iPd	02 23.60 -0.6		i 06 03.40	
AKRL	91.42 298 iPd	02 11.50 -0.5		1.5s 152.50nm	5.9mb	CEH	105.37 31 PKP	07 40.00 13.8X
DMU	91.43 341 iPd	02 11.20 -0.4	ACO	94.18 43 iPd	02 24.90 0.3	Z	20s 1.49um	5.5Msz
	1.5s 285.00nm	6.0mb	SBF	94.21 327 iPd	02 23.10 -1.5	LWI	108.57 278 iPd diff	03 29.70 0.2
BBS	91.44 329 P	02 11.15 -0.6		1.4s 151.60nm	5.9mb	CRZF	109.17 227 ePd diff	03 21.00 -10.1X
SAL	91.44 327 P	02 10.80 -0.9	AAE	94.27 283 P	02 26.20 0.6		ePP 08 13.00	
BSF	91.48 330 P	02 11.07 -0.9	SSB	94.44 330 P	02 24.88 -0.7		ePPP 10 20.00	
	PP 05 56.36		PGF	94.45 325 iPd	02 24.50 -1.3		eSP 16 42.00	
VITF	91.53 331 P	02 11.58 -0.5		1.5s 94.00nm	5.7mb		eSS 23 00.00	
	PP 05 56.87		LPF	94.49 334 iPd	02 25.40 -0.3			

30d 03h

TIO	111.48	329	eSSS	25	55.00	
			iPKP	07	38.50	0.4
			i	08	21.50	
MAW	112.26	204	ePKPc	07	38.00	-0.2
	1.1s	42.00nm				
ANTZ	114.73	330	iPKP	07	43.50	-0.8
KRI	114.74	264	iPKPd	07	45.40	0.6
			i	08	31.90	
			i	08	51.00	
SPA	119.77	180	iPKPd	07	51.70	-1.2
	0.6s	81.30nm				
			i	09	23.00	
PRY	120.51	255	iPKPc	07	54.50	-1.1
	1.0s	130.00nm				
KSR	120.62	256	iPKPd	07	53.00	-2.8X
	1.0s	100.00nm				
POF	127.59	254	iPKPc	08	09.50	0.6
	1.5s	194.44nm				
			i	10	09.00	
TUH	129.26	250	iPKPc	08	13.00	1.0
	1.5s	777.78nm				
			i	10	26.00	
BLE	129.81	249	iPKPc	08	14.50	1.5
	1.0s	240.00nm				
			i	10	30.00	
TIC	129.82	311	PKP	08	13.04	-0.6
			PP	10	23.00	
			PKS	10	56.00	
KIC	129.85	310	PKP	08	12.60	-1.0
			PP	10	24.00	
			PKS	10	56.00	
NVL	129.96	200	iPKPd	08	10.80	-1.3
	1.6s	502.00nm				
			iPKP	10	28.90	
			iPP	10	55.80	
			ePKS	11	36.00	
			ePPP	13	54.00	
			eSKKS	16	38.00	
LIC	130.14	310	PKP	08	13.28	-0.9
			PP	10	25.00	
			PKS	10	57.00	
PAG	130.15	26	ePKP	08	10.00	-4.2X
FDF	131.53	26	ePKP	08	16.53	-0.3
CRM	131.60	26	ePKPc	08	16.03	-0.8
MORO	131.66	37	iPKP	08	09.80	-7.4X
TOV	131.77	39	ePKP	08	14.00	-3.3X
SDV	132.03	41	iPKPd	08	17.50	-0.5
CAR	132.68	36	ePKP	08	20.00	0.9
GUAN	133.79	35	iPKP	08	10.40	-10.9X
AIA	141.83	164	ePKP	08	30.80	-3.5X
ARE	149.06	71	ePKPd	08	50.00	1.9
	2.0s	635.29nm				
ZOBO	151.70	67	ePKPd	08	52.47	0.0
			ePKPbc	08	58.82	
			epP'df	10	28.49	
			ec	10	34.28	
			LR	22	28.00	
LPB	151.86	68	iPKPd	08	53.30	0.9
	1.0s	380.00nm				
			LR	21	32.00	
CNCB	152.10	68	iPKPd	08	54.00	1.1
ANT	153.09	84	ePKP	08	54.00	0.6
TLL	154.25	98	ePKP	08	54.50	-0.7
PEL	154.56	105	ePKP	08	50.00	-5.2X
MDZ	156.10	104	ePKP	08	57.80	0.4
RFA	156.36	109	ePKPc	08	56.70	-1.0
MRA	158.75	103	e(PKP)	09	01.00	0.6
TCA	159.68	100	iPKP	09	01.20	-0.4
			i	09	44.20	
PDCR	162.59	354	ePKP	09	02.70	-2.1
			e	09	04.40	
			e	09	54.70	
			e	11	31.50	
BAO	164.39	26	PKPc	09	06.80	0.1
			e	09	12.10	
LPA	164.89	114	ePKP	09	06.00	-0.4
			epPKP	10	44.00	
			eSKP	11	56.00	
VAO	171.28	39	ePKP	09	11.50	0.5
BMA	172.26	22	ePKP	09	11.40	0.0
			e	09	18.20	
			e	10	37.80	
S.D. = 0.9 on 627 of 666 obs.						
<hr/>						
? OCT	30,	1992	03h 10m	42.69±	4.85s	
				45.169 N ±30.1km	26.861 E ±37.4km	
DEPTH = 234.1 ± 36.0 km						

ROMANIA (358)					
BRD	0.37	21	ePc	11	14.00 1.0
VRI	0.71	352	ePd	11	14.00 -0.1
MLR	0.72	297	ePd	11	14.50 -0.5
			e	30	23.00
BUC	0.93	216	iPd	11	20.00 4.1X
BUC1	1.01	216	ePd	11	16.00 -0.3
COZ	1.79	276	eP	11	23.00 0.6
GEC2	9.71	297	Pn	12	58.70 -0.1
	1.0s	4.05nm			3.6mb
S.D. = 0.9 on 6 of 7 obs.					
* OCT 30, 1992 03h 13m 57.80 ± 3.05s					
49.129 N ± 21.3km 6.854 E ± 12.4km					
DEPTH = 10.0km (geophysicist)					
GERMANY (543)					
ML 2.8 (STR).					
HOFF	0.75	104	Pg	14	12.24 -0.3
CDF	0.77	159	Pg	14	12.31 -0.6
			Sg	14	23.58
WLS	0.79	155	Pg	14	12.63 -0.6
			Sg	14	23.65
ECH	0.94	167	Pg	14	15.76 0.1
			Sg	14	29.48
VITF	1.08	213	Pg	14	17.87 -0.2
			Sg	14	33.07
MOF	1.29	172	Pg	14	22.21 0.4
			Sg	14	40.43
FEL	1.47	148	Pg	14	25.64 1.2
			Sg	14	44.94
S.D. = 0.8 on 7 of 7 obs.					
? OCT 30, 1992 03h 32m 05.48 ± 1.29s					
51.510 N ± 7.3km 6.970 E ± 18.1km					
DEPTH = 10.0km (geophysicist)					
GERMANY (543)					
WTS	0.50	348	ePg	32	15.50 0.0
	0.9s	76.00nm			
ENN	0.99	222	ePg	32	25.00 0.7
	0.5s	10.00nm			
			eSg	32	40.00
MEM	1.09	214	iP	32	25.12 -0.8
			iS	32	42.70
ABH	1.67	167	ePn	32	35.06 0.1
RUP	1.81	178	ePn	32	40.21 3.2X
S.D. = 1.0 on 4 of 5 obs.					
* OCT 30, 1992 04h 19m 49.25 ± 0.99s					
37.244 N ± 9.5km 26.736 E ± 11.3km					
DEPTH = 10.0km (geophysicist)					
DODECANESE ISLANDS (369)					
ML 4.1 (ATH).					
PRK	2.03	350	ePn	20	25.00 1.1
NPS	2.18	205	ePn	20	25.90 -0.1
KHL	2.46	63	ePn	20	29.40 -0.7
ATH	2.51	288	ePn	20	39.00 8.3X
ELL	2.59	100	iPn	20	35.90 3.9X
EZN	2.60	353	ePn	20	31.00 -1.0
BCK	3.08	85	ePn	20	39.50 0.6
VLI	3.09	261	ePn	20	43.20 4.3X
S.D. = 1.2 on 5 of 8 obs.					
OCT 30, 1992 04h 56m 28.45 ± 0.64s					
37.202 N ± 5.6km 21.603 E ± 3.6km					
DEPTH = 28.9 ± 4.1 km					
4.0mb (13 obs.)					
SOUTHERN GREECE (368)					
ML 4.1 (ATH).					
VLI	1.17	114	ePb	56	50.00 1.0
VLS	1.26	321	ePb	56	49.00 -1.2
ATH	1.85	65	ePn	56	59.00 0.3
AGG	1.91	17	iPn	56	59.96 0.4
			iSn	57	26.72
IGT	2.53	337	ePn	57	09.20 0.7
			eSn	57	37.72
KEK	2.88	331	ePn	57	10.00 -3.3X
LIT	2.98	13	ePn	57	15.68 0.9
			eSn	57	52.36
KZN	3.10	2	ePn	57	17.00 0.3
PAIG	3.17	30	ePn	57	16.38 -1.1
			eSn	57	56.52
FNA	3.58	357	ePn	57	24.00 0.6

THE	3.59	17	iSn	58	04.36	
			ePn	57	23.80	0.4
			eSn	58	07.16	
NPS	3.78	120	ePn	57	30.00	3.9X
GRG	3.80	9	ePn	57	26.76	0.3
			eSn	58	10.76	
SOH	3.86	20	ePn	57	27.14	-0.2
			eSn	58	14.08	
KNT	4.08	14	ePn	57	30.24	-0.2
			eSn	58	17.88	
VAY	4.18	10	iPn	57	32.60	0.8
			iSn	58	27.00	
			Lg	58	31.60	
SRS	4.20	21	ePn	57	31.80	-0.4
			eSn	58	21.04	
PRK	4.20	60	ePn	57	32.50	0.3
SOI	4.49	283	P	57	36.90	0.6
IZM	4.64	73	iPn	57	35.50	-2.9X
SKO	4.77	359	iPn	57	39.70	-0.4
			i	58	07.00	
			iSn	58	30.00	
			iSb	58	49.50	
			iSg	58	56.00	
			Lg	59	11.00	
TDS	4.81	302	P	57	44.00	3.3X
ATN	4.96	283	P	57	42.30	-0.7
BRT	5.02	318	P	57	44.60	0.8
ALN	5.06	42	ePn	57	43.92	-0.4
			eSn	58	41.72	
MEU	5.33	271	P	57	47.10	-1.2
KCT	6.09	58	ePn	57	57.00	-2.0X
ELL	6.66	91	ePn	58	10.90	3.8X
SDI	7.52	309	ePn	58	14.18	-4.7X
GYN	7.79	63	eP	58	21.90	-0.9
BZS	8.41	0	eP	58	20.00	-11.2X
CMP	8.46	17	ePc	58	36.00	3.9X
SGKT	8.82	64	eP	58	36.80	-0.4
MLR	8.90	20	eP	58	35.00	-3.2X
DVR	8.99	61	eP	58	38.00	-1.5
PPCY	9.00	102	eP	58	41.00	1.5
VRI	9.47	22	eP	58	59.00	13.1X
VBY	9.57	332	ePn	58	44.70	-2.5X
			eSn	00	28.20	
PTJ	9.66	336	eP	58	52.20	3.5X
CSS	9.75	100	eP	58	49.00	-0.9
GEC2	12.98	336	Pn	59	31.80	-1.8X
	0.9s	1.60nm			4.1mb	
KHC	13.27	336	P	59	46.00	8.6X
PRU	13.76	341	P	59	50.30	6.6X
KSP	14.16	346	ePd	59	55.60	6.6X
BRG	14.72	341	eP	59	55.00	-1.3
			e	00	01.60	
BSF	15.21	319	eP	00	06.30	3.5X
	0.7s	3.00nm			3.7mb	
CDF	15.34	321	eP	00	03.00	-1.5X
	0.8s	3.65nm			3.7mb	
CLL	15.37	339	iPc	00	08.30	3.5X
	1.4s	22.00nm			4.2mb	
HAU	15.55	319	eP	00	08.30	1.1
	1.0s	82.00nm			4.9mb	
LBF	16.30	312	eP	00	23.20	6.4X
	0.8s	4.15nm			3.6mb	
LOR	16.51	313	eP	00	22.60	3.1X
	1.1s	4.90nm			3.5mb	
SSF	16.62	312	eP	00	24.10	3.4X
	0.8s	3.65nm			3.6mb	
DOU	17.77	322	P	00	35.20	0.1
NUR	23.41	4	eP	01	32.40	-3.1X
	0.8s	11.90nm			4.5mb	
HFS	23.50	350	eP	01	33.50	-2.9X
	0.7s	4.00nm			4.0mb	
EKA	24.72	325	Pc	01	48.50	0.2
	0.8s	12.70nm			4.6mb	
NB2	24.75	348	P	01	45.90	-2.7X
	0.9s	4.60nm			4.1mb	
KAF	25.11	5	iP	01	49.50	-2.4X
	0.7s	4.60nm			4.2mb	
GBA	54.78	100	P	05	56.00	-2.0X
S. D. = 0.9 on 31 of 59 obs.						

OCT 30, 1992 04h 59m				33.99±	0.42s	
35.270 N ± 4.3km				25.762 E ±	3.5km	
DEPTH = 88.4 ±				6.6 km		
4.5mb (24 obs.)						
CRETE						(370)
MD 4.1 (ATH), 4.2 (HLW).						

NPS	0.12	267	iPbc	59	49.40	2.6	KHC	16.50	331	eP	03	20.00	-1.2	CKL	0.81	249	iPc	01	38.11	-1.0
VLI	2.71	303	iPnd	00	17.30	1.0								BGL	0.81	254	ePc	01	38.22	-0.8
			eSn	00	46.70		SBF	16.51	307	eP	03	22.80	1.4	BKG	0.84	240	ePc	01	38.37	-1.0
CIN	2.99	38	eP	00	22.00	1.9		0.8s	44.85nm			4.7mb					eS	01	51.20	
ATH	3.16	329	ePn	00	23.80	1.3	PRU	16.84	334	eP	03	22.20	-3.1X	GHO	0.93	72	ePc	01	40.00	-0.6
IZM	3.35	21	iPn	00	23.00	-2.1						03	24.00				eS	01	53.90	
ELL	3.67	65	iPn	00	31.90	2.2	FRF	16.91	305	eP	03	27.20	0.9	SLKM	1.03	164	ePd	01	40.77	-1.2
PRK	3.99	6	iPnc	00	34.00	0.0		1.3s	45.85nm			4.5mb					eS	01	55.47	
KHL	4.29	44	iPn	00	38.40	0.1	ORO	17.00	313	P	03	26.50	-1.0	PTE	1.06	126	iPc	01	41.56	-0.8
BCK	4.47	59	iPn	00	41.80	1.1	BNI	17.52	310	P	03	35.00	1.0	KNK	1.12	93	iPc	01	42.51	-0.7
EZN	4.57	5	iPn	00	40.00	-2.0	LPG	17.68	311	eP	03	37.30	1.2				iS	01	58.16	
AGG	4.64	325	iPn	00	43.80	0.7		0.6s	13.10nm			4.3mb		SML	1.21	74	ePc	01	43.39	-1.0
			eSn	01	33.96		LPL	17.70	311	eP	03	37.30	1.0				S	01	59.49	
PAIG	4.93	341	ePn	00	47.64	0.5		0.4s	9.05nm			4.4mb		RDT	1.22	221	iPc	01	43.56	-1.1
VLS	5.07	306	ePn	00	47.60	-1.4	RSL	17.85	311	P	03	38.29	0.3	MPA	1.23	145	eP	01	43.96	-0.6
ALT	5.13	41	iPn	00	50.20	0.2	CLL	18.48	334	e(P)	03	44.00	-1.5				eS	02	00.62	
EDC	5.33	18	iP	00	52.70	0.0						03	51.00				ePc	01	44.81	-0.9
BNT	5.36	18	iP	00	51.90	-1.1	BSF	18.89	317	eP	03	49.40	-0.7	DFR	1.30	226	ePc	01	44.81	-0.9
KCT	5.38	22	iP	00	53.40	0.1		0.6s	5.60nm			4.0mb		REF	1.38	224	ePc	01	46.01	-1.0
PPCY	5.41	92	eP	00	52.80	-1.0	CDF	18.96	319	eP	03	50.70	-0.2				S	02	02.98	
			eS	01	43.80			0.5s	14.80nm			4.5mb		RDN	1.38	225	eP	01	45.86	-1.1
LIT	5.48	333	ePn	00	55.04	0.3	HAU	19.23	317	eP	03	52.40	-1.3	NCT	1.41	229	ePc	01	46.38	-0.9
			eSn	01	54.12			0.4s	7.05nm			4.3mb		RS2	1.42	224	ePc	01	46.63	-0.9
ALN	5.62	2	ePn	00	56.72	0.0	SMF	20.01	311	iPd	04	00.90	-0.9				eS	02	05.15	
SOH	5.86	342	ePn	01	00.88	0.9		0.7s	17.20nm			4.5mb		RSO	1.42	224	ePc	01	46.57	-0.9
KZN	5.94	329	ePn	01	00.60	-0.5	LBF	20.08	312	eP	04	02.00	-0.6				eS	02	05.46	
IGT	6.06	316	ePn	01	01.08	-1.7		0.9s	34.25nm			4.7mb		RS1	1.42	224	ePc	01	46.65	-0.9
SRS	6.08	344	iPn	01	03.64	0.6	GRBF	20.23	299	P	04	06.79	2.6				eS	02	05.60	
CSS	6.21	91	eP	01	03.60	-1.3	LOR	20.29	313	eP	04	04.10	-0.6	RDW	1.42	225	ePc	01	46.67	-0.9
			eS	02	03.00			0.6s	23.10nm			4.7mb					eS	02	05.18	
GRG	6.26	336	ePn	01	05.92	0.3	AVF	20.38	311	eP	04	05.00	-0.6	SEW	1.54	154	eP	01	49.42	0.4
KNT	6.30	340	ePn	01	06.56	0.5		0.9s	19.15nm			4.4mb		SCM	1.68	77	eP	01	49.95	-1.1
			iSn	02	15.68		SSF	20.40	312	eP	04	05.50	-0.4	INE	1.83	219	eP	01	52.23	-1.0
ISK	6.34	23	iP	01	06.00	-0.6		1.0s	61.00nm			4.9mb					eS	02	15.86	
GYN	6.42	36	eP	01	09.00	1.2	SALF	20.46	299	P	04	08.95	2.4	KNIM	1.88	126	ePc	01	50.85	-3.0
KEK	6.49	315	ePn	01	06.50	-2.2	BGF	20.59	310	eP	04	07.80	0.1				eS	02	13.35	
FNA	6.50	329	ePn	01	07.68	-1.2		0.5s	9.25nm			4.4mb		GLI	1.89	108	ePc	01	51.49	-2.4
			eSn	02	16.44		TCF	20.88	309	eP	04	10.70	0.0				eS	02	15.00	
VAY	6.54	338	iPn	01	10.00	0.6	RJF	20.96	306	eP	04	12.10	0.5	TRF	1.97	6	eP	01	55.38	0.1
NAL	6.60	40	eP	01	12.10	1.8		0.8s	13.70nm			4.3mb		CNPM	1.99	187	eP	01	55.82	0.4
BBTK	7.19	49	iP	01	19.70	1.3	LPO	20.98	304	eP	04	13.60	1.9	LT1	2.05	134	eP	01	53.37	-2.8
SGKT	7.26	41	eP	01	20.90	1.4		0.5s	6.40nm			4.2mb		VLZ	2.18	98	eP	01	55.76	-2.2
KOT	7.39	134	ePn	01	20.50	-0.5	MFF	22.51	308	eP	04	27.90	1.1	FID	2.22	108	eP	01	55.46	-3.1
			eSn	02	32.00			0.5s	14.80nm			4.6mb		TOA	2.27	72	eP	01	58.48	-0.9
SKO	7.50	334	iPn	01	21.20	-1.3	LDF	23.27	313	iPd	04	34.70	0.5	KLK	2.33	88	ePc	01	57.80	-2.4
DVR	7.66	38	eP	01	25.70	0.8		0.5s	7.60nm			4.3mb					eS	02	25.54	
ZNT	8.29	109	eP	01	32.20	-1.2	FLN	23.56	313	iPd	04	37.80	0.8	SVW	2.37	263	ePc	01	58.65	-2.1
			eS	02	58.80			0.5s	13.90nm			4.6mb		PDB	2.40	226	eP	01	59.44	-1.7
JVI	8.66	110	eP	01	36.70	-1.9X	LPF	23.60	311	iPd	04	38.00	0.6	CVA	2.63	109	eP	02	03.68	-0.6
TDS	8.68	303	P	01	37.20	-1.5		0.7s	17.00nm			4.6mb		PAX	2.89	57	eP	02	07.74	-0.5
			eSn	03	02.00		GRR	23.63	312	iPd	04	38.30	0.6	SGAM	2.89	108	eP	02	07.58	-0.6
KAS	8.75	44	eP	01	40.00	0.2		0.5s	16.25nm			4.7mb		RAGM	3.18	108	eP	02	11.39	-0.9
ATN	8.76	292	P	01	37.90	-1.9	HFS	26.08	346	eP	04	59.30	-1.4	GLB	3.34	88	eP	02	14.12	-0.5
BRT	8.77	312	P	01	36.90	-3.0X		0.4s	0.70nm			3.6mb		HDA	3.40	29	eP	02	15.10	-0.3
			eSn	03	03.00		EKA	28.24	324	P	05	22.00	1.7	CCB	3.44	22	eP	02	15.68	-0.2
BURJ	8.89	107	Pd	01	40.58	-1.1		0.7s	5.60nm			4.3mb		CROM	3.78	98	eP	02	19.58	-1.3
MEU	8.95	285	P	01	41.10	-1.4	KIC	40.18	231	P	07	06.40	3.2X	TGL	3.93	97	eP	02	20.64	-2.2
JARJ	9.00	107	Pc	01	42.24	-1.0	WRA	116.12	97	Pdiff	14	34.20	11.7X							
SAGI	9.03	121	eP	01	42.50	-1.0		0.6s	0.30nm											
			eS	03	17.10															
MASJ	9.03	110	Pd	01	42.70	-0.9														
MKRJ	9.05	111	Pd	01	42.92	-1.0														
DHLJ	9.23	116	Pc	01	45.40	-0.8														
MNO	9.29	290	P	01	46.00	-1.2														
MDSJ	9.48	110	Pc	01	49.51	-0.3														
GIB	9.81	289	P	01	53.70	-0.6														
HOL	9.88	125	ePd	01	54.50	-0.5														
			eS	03	34.60															
CSTJ	10.04	111	Pc	01	55.86	-1.4	SUA	0.04	154	iPd	01	31.86	1.7	OUR	0.27	172	iPgc	08	12.09	0.5
GHZJ	10.06	115	Pc	01	55.36	-2.2								SOH	0.49	297	iPg	08	15.33	-0.5
AYN	10.77	123	iPd	02	07.30	0.3	PWA	0.46	70	ePc	01	34.42	-0.1	SRS	0.57	333	ePg	08	17.16	-0.4
			eS	03	56.60												eSg	08	25.90	
SDI	11.35	308	P	02	12.20	-2.6X	SKT	0.60	324	iPd	01	35.48	-0.8	PAIG	0.70	196	ePg	08	19.04	-0.7
ARV	12.87	314	P	02	30.50	-4.2X								KNT	0.96	306	ePg	08	24.64	0.4
AKUR	12.87	150	eP	02	37.50	2.8	CGLM	0.62	253	ePd	01	36.02	-0.6				eSg	08	37.10	
			eS	04	45.00		PMS	0.64	113	iPc	01	36.29	-0.5	LIT	1.21	246	ePg	08	28.56	0.1
WAJH	12.97	131	eP	02	37.30	1.2											eSg	08	44.20	
AKRL	13.05	151	eP	02	40.50	3.4X	NGG	0.67	262	eP	01	36.57	-0.7	GRG	1.21	287	ePb	08	28.92	0.4
			eS	04	54.20		SPU	0.69	243	eP	01	36.62	-0.9	VAY	1.26	305	ePn	08	29.40	0.2
AKSR	13.20	149	eP	02	41.50	2.4														
			eS	05	03.00		CRP	0.70	251	ePc	01	37.29	-0.4							
SFI	13.76	313	P	02	45.80	-0.5			</											

30d 05h

SDI 7.24 307 Pd 37 54.50 5.3X
 AQU 7.86 310 P 37 58.90
 RMP 8.01 305 P 37 58.10 0.3
 MNS 8.32 308 P 38 07.00
 DEV 8.38 7 ePc 38 00.20 0.2
 ARV 8.82 315 P 38 08.90
 S.D. = 0.4 on 5 of 8 obs.

OCT 30, 1992 05h 38m 27.96 ± 0.16s
 42.416 N ± 2.2km 19.023 E ± 1.8km
 DEPTH = 26.5km (8 depth phases)
 4.7mb (24 obs.)

NORTHWESTERN BALKAN REGION (383)

ML 4.6 (ZAG), 4.6 (ROM), 4.5
 (TTG), 4.4 (THE), 4.3 (TIR).
 Felt (VII) at Podgorica; (VI) at
 Cetinje and Danilovgrad; (V) at
 Budva, Niksic, Herceg Novi, Bar,
 Petrovac and Kotor, Yugoslavia.

TTG 0.18 86 iPg 38 32.06 -1.5
 BDV 0.20 227 iPg 38 35.00
 HCY 0.39 275 iPg 38 34.35 0.6
 NKY 0.40 357 iPg 38 37.56 1.1
 ULC 0.48 159 iPg 38 45.00
 SDA 0.51 136 iPg 38 36.56 -0.1
 BRY 0.60 324 iPg 38 43.15 -0.6
 PVY 0.73 75 iPg 38 44.97 -0.6
 IVA 0.79 55 iPg 38 37.70 0.6
 LACI 0.93 146 iPg 38 50.75 -1.4
 PLE 0.95 17 iPg 38 50.60 -0.8
 KKS 1.09 108 iPg 38 52.91 -1.0
 TIR 1.24 149 iPg 38 58.20 0.1
 PHP 1.28 124 iPg 38 45.75 0.1
 BERA 1.85 158 iPg 38 59.71 -0.3
 SKO 1.85 103 iPg 38 47.20 -0.3
 0.7s 2322.00nm
 OHR 1.86 134 iPg 38 06.50 9.3X
 VLO 1.98 169 iPg 38 21.50 0.7
 BRT 2.05 222 iPg 38 24.50 1.5
 TPE 2.25 160 iPg 38 34.00 0.9
 FNA 2.40 132 iPg 38 39.00 2.1
 LSK 2.56 152 iPg 38 08.53 1.0
 SRN 2.64 163 iPg 38 09.70 1.0
 KEK 2.76 167 iPg 38 48.50 0.1
 VAY 2.87 111 iPg 38 10.70 1.4
 GRG 2.92 119 iPg 38 50.50 1.0
 KZN 2.95 135 iPg 38 15.50 1.3
 IGT 3.05 161 iPg 38 16.22 0.7
 KNT 3.16 112 iPg 38 51.54 1.2
 TDS 3.42 217 iPg 38 18.26 0.5
 THE 3.46 120 iPg 38 56.42 1.2
 DUI 3.48 259 iPg 38 03.22 3.2X
 LIT 3.49 130 iPg 38 25.00 0.3

SOH 3.62 115 iSn 40 04.02
 SRS 3.66 109 iSn 39 24.90 1.2
 TIM 3.68 25 iSn 39 25.46 1.3
 BZS 3.71 29 iSn 40 08.82
 RFI 3.92 255 iSn 39 38.00 13.6X
 SDI 3.94 261 iSn 39 12.00 -12.8X
 GZR 4.03 41 iSn 39 30.71 2.8X
 ZAG 4.04 328 iSn 39 30.20 2.0
 4.10 210 P 39 29.00 -0.4
 4.11 320 P 39 32.80 3.2X
 PTJ 4.12 329 P 39 40.20
 AQU 4.16 271 P 39 46.50
 AGG 4.22 142 P 39 47.70
 OUR 4.27 117 P 39 37.00
 PAIG 4.31 124 P 39 30.37 -0.2
 ARV 4.59 286 P 39 33.40 2.8X
 CEY 4.69 317 P 39 22.40
 MNS 4.70 272 P 39 32.30 1.5
 ASS 4.73 280 P 39 33.80 2.4
 RMP 4.74 265 P 39 32.61 0.4
 COZ 4.82 51 P 39 40.86
 LJU 4.85 320 P 39 33.54 0.7
 GMB 4.88 211 P 39 33.98 0.7
 SOI 4.90 209 P 39 23.66
 MSI 4.97 213 P 39 38.90 1.4
 TRI 5.02 313 P 39 41.40 2.6
 ATN 5.05 214 P 39 40.30
 BUD 5.07 0 iSn 39 36.00
 VOY 5.16 316 P 39 41.10 2.1
 CMP 5.20 55 P 39 41.10
 CRE 5.32 286 P 39 38.90 1.4
 SRO 5.42 355 P 39 41.40 2.6
 SFI 5.46 288 P 39 40.30
 BUC1 5.46 67 P 39 40.70 -1.0
 ALN 5.48 104 P 39 42.09 -0.7
 BUC 5.53 66 P 39 44.61 1.2
 PGD 5.54 288 P 39 42.20 -1.7
 PSZ 5.54 6 P 39 43.30 -0.8
 MNO 5.57 218 P 39 47.30 1.7
 ATH 5.71 139 P 39 46.70
 GIB 5.85 223 P 39 51.00 1.9
 MLR 5.87 56 P 39 50.00 2.1
 ZST 5.94 347 P 39 50.00 0.9
 ZST 5.94 347 P 39 56.40
 ISR 6.09 61 P 39 15.10
 EZN 6.09 113 P 39 47.60
 FVI 6.11 315 P 39 53.40
 BMR 6.14 30 P 39 53.40
 VKA 6.15 343 P 39 17.00
 KBA 6.17 321 P 39 51.80 2.2
 MEU 6.17 212 P 39 16.00 26.3X
 MCT 6.32 223 P 39 50.85 1.0
 MME 6.33 289 P 39 52.46
 PII 6.36 285 P 39 40.10
 BDI 6.37 288 P 39 40.10
 CTI 6.42 307 P 39 40.10
 VLI 6.44 151 P 39 57.50 1.1
 DMK 6.52 92 P 39 58.00 -0.6
 VRI 6.53 55 P 39 46.00 -12.6X
 BRD 6.57 59 P 39 59.70 0.9
 KMR 6.61 330 P 39 09.00 9.8X
 6.15 343 P 39 01.50 2.1
 6.17 321 P 39 01.20 1.4
 6.17 212 P 39 57.38 -2.5
 6.32 223 P 39 03.70 1.7
 6.33 289 P 39 04.00 1.8
 6.36 285 P 39 02.50 0.1
 6.37 288 P 39 03.20 0.6
 6.42 307 P 39 03.30 0.0
 6.44 151 P 39 01.10 -2.5
 6.52 92 P 39 03.00 -1.7
 6.53 55 P 39 04.00 -0.8
 6.57 59 P 39 43.00 -22.3X
 6.61 330 P 39 09.50 3.6X

UZH 6.63 19 iSn 41 22.90
 Z 0.6s 100.00nm 40 07.00 0.9
 N 12s 3.00um 5.9mb X
 E 12s 2.50um 5.2msz
 1.50um
 SPC 6.83 7 i(Pn) 40 09.50 0.4
 BHG 6.86 323 iPd 40 11.30 1.9
 SAL 6.91 300 P 40 10.00 0.0
 SCE 6.96 314 iPd 40 11.60 0.6
 VRAC 7.10 347 ePn 40 13.30 0.7
 0.5s 29.60nm 5.6mb
 WTTA 7.14 315 iPnc 41 30.80
 CFR 7.16 64 eP 42 18.30
 CLI 7.21 52 ePc 40 14.50 1.0
 WATA 7.22 315 iSn 40 34.60
 OGA 7.23 311 iPd 40 13.00 -0.6
 BOB 7.34 292 P 40 14.00 -0.3
 SOTA 7.34 314 iPnc 40 15.70 1.1
 KCT 7.35 104 eP 41 38.20
 PGF 7.41 274 P 40 15.20 0.4
 IZM 7.46 120 eP 40 17.30 1.1
 MDI 7.50 300 P 40 17.20 0.9
 OSS 7.64 307 ePd 40 36.10
 KHC 7.72 332 P 41 41.10
 OJC 7.82 4 i(Pn) 40 15.40 -0.9
 PCP 7.91 289 P 40 17.70 0.5
 VDL 7.95 304 iPc 40 19.00 1.2
 WET 7.98 330 eP 40 17.40 -0.9
 CKI 8.07 288 P 40 21.20 0.7
 FIN 8.09 286 P 40 23.40 2.0
 VAI 8.14 299 P 40 30.50
 TMA 8.16 300 ePc 41 48.00
 PRU 8.18 339 P 40 22.80 0.0
 Z 14s 0.70um
 PRU 8.18 339 iP 42 09.70
 IMI 8.28 284 P 42 51.00
 ROB 8.34 287 P 40 38.10 10.2X
 KIS 8.38 53 eP 40 29.23 0.0
 Z 14s 1.00um
 LLS 8.42 305 ePd 40 28.49 -1.7
 EYL 8.56 99 eP 40 33.00 2.4
 ORO 8.58 296 P 40 33.00
 ORX 8.58 296 P 40 33.00
 SBF 8.60 284 P 40 33.00
 KSP 8.64 348 ePn 42 04.80
 KSP 8.64 348 iP 40 33.50 -0.6
 0.8s 25.00nm 5.5mb
 ENR 8.65 286 P 40 36.60 2.5
 STV 8.72 286 P 40 42.20
 MMK 8.73 298 ePd 41 53.00
 DOI 8.82 288 P 42 24.60
 BHB 8.87 290 P 40 33.99 -0.5
 PZZ 8.92 288 P 40 34.35 -1.1
 RSP 8.94 292 P 40 35.40 -0.3
 GRF 9.07 326 ePnc 40 37.40 0.6
 e(Pg) 40 33.67 -3.7X
 e(Sg) 40 36.50 -1.7
 40 34.22 -4.3X
 40 40.20 0.1
 42 22.30
 ZLA 9.08 308 ePd 40 47.60
 LSD 9.09 294 P 40 40.20 -0.1
 DIX 9.10 298 ePd 40 37.51 -3.1X
 FRF 9.14 281 P 40 40.60 -0.3
 BRG 9.15 339 e(P) 40 40.60 -0.6
 SLE 9.17 309 ePd 42 16.40
 RRL 9.22 290 P 40 42.00 0.8
 LMR 9.24 280 P 40 48.00
 HOF 9.31 330 eP 40 40.40 -1.1
 BNI 9.32 291 P 40 40.53 -1.9
 40 40.50 -1.9
 42 21.60
 40 44.20 0.7
 40 42.40 -1.4

LRG	9.35	281	Pn	40	43.70	-0.3	GTA	58.89	63	eP	48	24.30	-2.7	IVA	0.70	53	iSg	52	15.71	
			Sn	42	25.50			1.0s	7.00nm			4.7mb					iPgc	52	07.31	-0.5
LPG	9.37	293	Pn	40	43.80	-0.8			pP	48	34.80	35km					iSg	52	17.96	
LPL	9.39	293	Pn	40	42.70	-2.1	LZH	63.37	64	Pd	48	56.80	-0.6	PLE	0.90	12	iPgc	52	11.25	0.1
			Sn	42	21.10			1.5s	27.00nm			5.2mb					iSg	52	24.92	
EMS	9.41	297	ePc	40	45.30	0.2			pP	49	05.70	29km					S.D. = 0.6	on	9 of	9 obs.
FEL	9.50	309	eP	40	44.76	-1.4			sP	49	11.50									
MOX	9.68	331	ePn	40	49.60	1.1	XAN	67.94	64	P	49	25.90	-0.7							
CLL	9.80	337	ePn	40	51.00	0.8		1.0s	7.10nm			4.7mb								
			e(Sn)	42	10.00				sP	49	35.20									
			i(Sg)	43	05.00		YKA	69.02	339	eP	49	31.40	-1.4							
BSF	10.19	306	Pn	40	55.30	-0.5		0.8s	4.80nm			4.7mb								
			Sn	42	45.20		CHG	70.23	82	ePd	49	38.80	-2.0							
CDF	10.20	310	Pn	40	54.20	-1.6		1.0s	21.75nm			5.2mb								
			Sn	42	41.10		IMA	71.70	357	eP	49	48.75	-0.4							
HAU	10.54	306	Pn	41	00.00	-0.4		0.6s	2.21nm			4.4mb								
			Sn	42	51.90		CN2	71.83	47	P	49	49.10	-1.0							
TNS	10.69	321	iPc	41	02.50	0.1		0.8s	9.10nm			4.9mb								
			iS	43	00.50				epP	49	59.00	32km								
WLF	11.50	313	P	41	25.00	11.6X	FBA	72.53	354	eP	49	53.56	-0.3							
SMF	11.63	296	Pn	41	13.40	-1.8		0.8s	3.42nm			4.4mb								
			Sn	43	17.40				eP	50	00.54	22km								
LBF	11.64	298	Pn	41	13.20	-2.2	BALM	75.79	351	eP	50	13.89	0.9							
			Sn	43	18.10		PMR	75.90	354	eP	50	12.69	-0.7							
LOR	11.80	299	Pn	41	15.60	-2.0		1.2s	21.21nm			5.0mb								
			Sn	43	20.30		ELC	77.27	309	eP	50	21.21	-0.2							
SSF	11.97	298	Pn	41	17.60	-2.2			epP	50	27.55	20km								
			Sn	43	24.90		SES	77.80	330	eP	50	24.00	-0.2							
AVF	11.99	297	Pn	41	18.10	-2.0	YSS	77.94	36	eP	50	24.50	-0.4							
BGF	12.27	295	Pn	41	22.20	-1.6			e	50	33.80	30km								
			Sn	43	31.00		NEW	81.77	332	eP	50	46.00	0.5							
ENN	12.27	317	eP	41	26.50	2.8X		0.7s	4.00nm			4.6mb								
			e	43	41.00				epP	50	53.00	22km								
MAF	12.38	293	Pn	41	23.70	-1.6	LRM	82.10	328	eP	50	47.80	0.2							
DOU	12.58	313	P	41	28.60	0.7	BW06	83.41	325	eP	50	54.00	-0.4							
HYF	12.59	298	Pn	41	26.40	-1.8		1.0s	5.00nm			4.6mb								
TCF	12.64	294	Pn	41	27.00	-1.8			epP	51	01.00	22km								
			Sn	43	42.20		ZOBO	98.74	256	P	52	11.90	4.7X							
WTS	12.66	323	eP	41	33.00	4.1X			i	52	32.80	75kmX								
	0.8s		8.00nm			4.9mb	CNCB	98.98	256	P	52	26.90	18.7X							
MNK	12.82	23	eP	41	37.00	6.0X	TCA	106.10	242	iPd	52	22.50	-16.8X							
EPF	13.75	279	Pn	41	49.20	5.7X	DZM	146.09	64	iPKPd	58	07.10	0.6							
MFF	14.30	294	Pn	41	51.20	0.6														
LDF	14.76	301	Pn	41	58.20	1.6														
FLN	15.04	302	Pn	42	01.50	1.3														
GRR	15.17	300	Pn	42	02.70	0.7														
LPF	15.20	299	Pn	42	05.90	3.6X														
OBN	17.12	36	eP	42	25.00	-1.7														
	1.2s		31.00nm			4.3mb														
Z	14s		0.70um			6.5mszX														
UPP	17.49	358	iP	42	38.80	7.5X	TTG	0.10	101	iPgc	49	05.84	1.1							
MOS	17.98	36	eP	42	36.00	-1.4				iSg	49	08.40								
HFS	18.04	351	eP	42	37.80	-0.4	BDV	0.28	233	iPgd	49	08.07	0.3							
	0.4s		2.50nm			3.7mb				iSg	49	12.89								
NUR	18.44	9	iP	42	43.10	0.0	NKY	0.38	345	iPgd	49	10.00	0.3							
	0.5s		5.40nm			4.0mb				iSg	49	16.05								
NB2	19.24	348	P	42	50.00	-2.8	HCY	0.46	270	iPgd	49	11.39	-0.1							
	0.7s		3.10nm			3.7mb X				iSg	49	18.80								
ERE	19.25	88	iP	42	53.00	-0.2	ULC	0.49	169	iPgd	49	11.53	-0.5							
EKA	19.38	319	Pc	42	53.60	-0.9				iSg	49	19.19								
	0.6s		5.50nm			4.0mb	BRY	0.62	317	iPgc	49	14.39	-0.2							
ESY	19.45	321	eP	42	52.80	-2.4				iSg	49	23.83								
GRO	19.54	78	eP	42	56.00	-0.3	PVY	0.64	77	iPgd	49	14.40	-0.6							
	12s		1.00um							iSg	49	24.10								
EBL	19.57	321	eP	42	54.70	-1.9	IVA	0.71	53	iPgd	49	15.74	-0.3							
ETA	19.79	310	eP	42	58.00	-0.9				iSg	49	26.40								
EBH	20.05	321	eP	43	04.50	2.9X														
DLF	20.20	311	eP	43	13.00	9.8X														
KAF	20.20	10	eP	43	01.60	-1.6														
	0.4s		3.00nm			4.0mb														
ELO	20.27	322	eP	43	02.70	-1.3														
	0.6s		36.00nm			4.9mb														
EAB	20.40	321	ePc	43	03.70	-1.6														
	0.9s		18.00nm			4.4mb														
GRS	20.80	89	eP	43	08.00	-1.8	TTG	0.09	102	iPgd	51	57.61	1.1							
	1.0s		30.00nm			4.7mb				iSg	52	00.19								
SDF	25.38	7	iP	43	53.00	-1.2	BDV	0.28	234	iPgd	52	00.06	0.2							
SVE	30.03	47	ePc	44	35.50	-1.1				iSg	52	04.85								
			e	45	30.00	279kmX	NKY	0.38	344	iPgd	52	01.99	0.3							
BRVK	35.36	54	iPc	45	22.50	-0.5				iSg	52	08.16								
	0.8s		24.00nm			5.2mb	HCY	0.47	270	iPgd	52	03.37	-0.1							
KIC	41.62	217	(P)	46	15.66	0.2				iSg	52	10.94								
ZAK	55.69	50	eP	48	10.00	6.0X	ULC	0.49	170	iPgc	52	03.44	-0.4							
	1.3s		13.00nm			4.8mb				iSg	52	10.86								
GBA	57.71	102	P	48	25.00	6.2X	BRY	0.63	316	iPgc	52	06.34	-0.3							
BOD	57.84	39	eP	48	20.20	1.0				iSg	52	15.95								
MBC	58.67	349	eP	48	23.50	-1.3	PVY	0.63	76	iPgd	52	06.16	-0.5							

30d 06h

GIB	6.11	279	P	11	25.50	0.9
ELL	6.62	92	eP	11	35.90	4.1X
EYL	7.38	61	eP	11	42.00	-0.5
MLR	8.80	20	ePd	12	03.00	0.9
PPCY	8.97	102	eP	12	08.00	3.7
CSS	9.72	100	eP	12	14.00	-0.6
UZH	11.35	2	eP	12	39.50	2.8
KHC	13.22	336	eP	13	00.50	-1.1
			e	13	11.00	
PRU	13.70	340	eP	13	15.50	7.7X
			e	14	23.70	
GRF	14.52	332	e(P)	13	25.50	7.0X
BRG	14.66	340	e(P)	13	19.00	-1.4
BSF	15.18	319	eP	13	32.60	5.3X
	0.9s	6.20nm			3.8mb	
CLL	15.32	339	iPc	13	33.80	4.9X
	1.2s	22.00nm			4.2mb	
HAU	15.52	318	eP	13	36.70	5.1X
	0.8s	9.25nm			4.0mb	
Z	18s	0.10um			4.6Msz	
LBF	16.28	312	eP	13	41.90	0.6
	0.6s	2.45nm			3.5mb	
LOR	16.49	313	eP	13	44.30	0.4
	0.6s	2.00nm			3.4mb	
Z	18s	0.15um			4.0Msz	
DOU	17.73	322	P	14	02.60	3.3X
			e	14	07.90	
ERE	18.04	74	P	14	04.00	0.7
GRO	19.26	64	eP	14	16.00	-1.7
GRS	19.45	76	eP	14	18.00	-2.0
	1.7s	50.00nm			4.5mb	
FLN	19.77	312	eP	14	22.80	-0.3
	0.8s	0.80nm			3.1mb X	
OBN	20.52	25	eP	14	29.00	-1.9
	1.2s	31.00nm			4.5mb	
MOS	21.38	25	eP	14	39.00	-0.6
			e	14	54.00	
			e	15	08.00	
NUR	23.32	4	eP	14	57.30	-1.4
	0.9s	20.60nm			4.6mb	
HFS	23.43	350	eP	14	59.20	-0.5
	0.5s	2.50nm			3.9mb	
NB2	24.68	348	P	15	11.80	-0.1
	1.0s	8.00nm			4.2mb	
EKA	24.68	325	Pd	15	13.20	1.3
	0.7s	12.20nm			4.5mb	
KAF	25.02	5	eP	15	14.50	-0.5
	0.8s	6.00nm			4.2mb	
SDF	30.30	4	iP	16	02.50	-0.4
BRVK	36.95	49	iPc	17	01.00	0.7
	1.0s	21.00nm			5.0mb	
TIC	38.99	225	P	17	19.20	1.3
KIC	39.07	225	P	17	20.60	2.1
LIC	39.34	225	P	17	21.90	1.1
ELT	46.55	48	eP	18	17.00	-1.7
	0.8s	32.00nm			5.3mb	
GBA	54.74	100	P	19	21.00	-0.4
ZAK	57.46	49	eP	19	40.00	-0.5
	1.0s	10.00nm			4.8mb	
BOD	60.59	38	eP	20	00.50	-1.5
	1.0s	10.00nm			4.9mb	
CHG	68.91	82	eP	20	54.70	-1.9
	1.0s	11.00nm			4.7mb	
MIAR	86.58	312	(P)	22	35.22	1.5
	0.8s	2.29nm			4.5mb	
NEW	87.26	334	eP	22	38.50	1.6
	1.0s	7.50nm			4.9mb	
BW06	88.79	326	eP	22	46.00	1.5
SRU	92.17	325	eP	23	01.56	1.3
	S.D. = 1.5	on 60	of 71	obs.		

% OCT 30, 1992 06h 42m 51.54 ± 0.93s
 39.327 N ± 7.1km 0.639 W ± 10.1km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 3.0 (MDD).

ECHE	0.37	316	iP	42	59.79	0.7
			eS	43	06.20	
ACU	0.83	168	eP	43	08.31	0.6
			eS	43	20.00	
EVIA	1.61	245	eP	43	19.66	-0.5
			eS	43	40.50	
EROQ	1.70	28	eP	43	20.87	-0.5
			eS	43	44.40	
EHUE	2.15	226	eP	43	27.63	-0.4
	S.D. = 0.9	on 5	of 5	obs.		

? OCT 30, 1992 07h 01m 00.36 ± 9.72s
 37.333 N ± 79.8km 22.438 E ± 17.7km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.4 (THE).

AGG	1.69	357	ePb	01	29.70	-0.4
			iSb	01	53.38	
IGT	2.75	324	ePn	01	45.30	0.0
LIT	2.76	1	ePn	01	46.20	0.7
			eSn	02	22.20	
PAIG	2.77	20	ePn	01	45.10	-0.4
OUR	3.23	21	ePn	01	52.46	0.4
SOH	3.56	11	ePn	01	56.70	0.0
KNT	3.84	5	ePn	02	00.60	-0.2
VAY	3.98	1	ePn	02	02.70	0.0
SKO	4.70	351	ePn	02	30.00	17.1X
	S.D. = 0.4	on 8	of 9	obs.		

? OCT 30, 1992 07h 09m 28.64 ± 8.46s
 37.879 N ± 63.3km 22.210 E ± 29.3km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.5 (THE).

AGG	1.14	5	ePb	09	49.98	-0.1
			eSb	10	14.20	
LIT	2.23	6	ePn	10	05.50	-0.7
			eSn	10	40.60	
PAIG	2.34	29	ePn	10	08.46	0.7
OUR	2.81	29	ePn	10	13.38	-1.0
SOH	3.07	16	ePn	10	18.78	0.7
GRG	3.08	3	ePn	10	14.58	-3.6X
KNT	3.32	9	ePn	10	19.06	-2.6X
VAY	3.45	5	ePn	10	24.00	0.6
SKO	4.13	352	ePn	10	33.00	-0.1
	S.D. = 0.8	on 7	of 9	obs.		

OCT 30, 1992 07h 58m 02.60 ± 0.50s
 11.165 S ± 7.5km 165.238 E ± 7.6km
 DEPTH = 33.0km (normal)
 5.1mb (13 obs.) 4.6Msz (2 obs.)
 SANTA CRUZ ISLANDS (184)

HNR	5.48	288	eP	59	23.00	-1.1
			eS	00	25.00	
SVO	5.70	290	eP	59	27.00	-0.2
			eS	00	29.00	
BKM	7.09	156	iPd	59	47.00	0.2
DZM	10.91	174	iPd	00	37.40	-2.2
BRS	19.95	214	iPc	02	36.00	1.2
	1.0s	10.00nm			4.1mb	
			i	02	45.00	
RMQ	21.77	223	iPd	02	54.30	0.8
	0.9s	101.00nm			5.2mb	
ARMA	22.96	211	iPc	03	06.70	1.4
	1.1s	62.00nm			5.0mb	
CMS	27.04	219	iPd	03	43.80	-0.1
	0.7s	59.00nm			5.3mb	
NOZ	29.63	159	P	04	05.00	-2.2
MNG	30.70	165	eP	04	15.30	-1.4
PGZ	30.91	164	eP	04	19.20	0.7
WRA	30.97	250	P	04	18.10	-1.2
	0.8s	6.50nm			4.5mb	
DSZ	31.00	170	eP	04	25.50	6.2X
TOO	31.71	211	iPc	04	26.00	0.4
KHZ	31.97	168	eP	04	30.50	2.8X
LTZ	32.09	170	eP	04	29.60	0.7
ASPA	32.30	243	iPd	04	29.30	-1.6
	1.2s	32.70nm			5.1mb	
Z	19s	0.70um			4.4Msz	
BFD	32.98	214	iPd	04	36.90	0.3
	0.7s	14.00nm			5.0mb	
ADE	33.81	221	eP	04	44.40	0.4
WARB	39.32	242	iPd	05	30.40	-0.2
	0.7s	26.00nm			5.1mb	
MEEK	46.45	244	iPd	06	28.70	0.2
NANU	48.70	250	eP	06	46.50	0.4
MAT	53.85	333	eP	07	22.00	-2.7X
	0.9s	10.92nm			4.9mb	
KMI	70.76	302	Pc	09	19.00	0.7
	1.5s	40.00nm			5.3mb	
LZH	74.47	312	eP	09	39.60	-0.3
	2.0s	37.00nm			5.0mb	
Z	24s	0.32um			4.5MszX	
SPA	78.91	180	iPd	10	04.50	0.3

MAW	84.42	202	iPc	10	34.40	1.6
	1.0s	25.00nm			5.3mb	
LRM	92.62	44	eP	11	12.00	-0.6
CNCB	120.50	117	ePKP	16	55.00	1.0
LPB	120.51	117	ePKP	16	54.00	0.1
ZOBO	120.58	116	PKP	16	54.60	0.3
	Z	20s	0.20um		4.8Msz	
			LR	49	12.00	
GEC2	135.59	333	PKP	17	21.10	-0.3
	0.9s	2.18nm				
PDCR	146.25	134	ePKP	17	41.80	0.6
			e	17	50.80	
	S.D. = 1.0	on 30	of 33	obs.		

OCT 30, 1992 08h 02m 00.04 ± 0.74s
 24.751 N ± 6.7km 121.548 E ± 8.8km
 DEPTH = 33.0km (normal)
 3.7mb (1 obs.)

TAIWAN (244)
 ML 3.6 (BJI).

TWC	0.31	117	iPc	02	08.50	0.6
			eS	02	15.20	
TWZ	0.35	5	iPd	02	12.80	4.4X
TWO	0.80	234	iPd	02	16.80	1.8
TWK	1.77	213	ePc	02	27.90	-0.9
TWM1	2.18	208	eP	02	33.20	-1.5
OZH	2.69	275	iPnd	02	42.50	0.6
			Sn	03	14.00	
SSE	6.33	357	P	03	32.60	-0.8
			S	04	43.00	
NJ2	7.65	343	eP	03	52.00	0.1
			eS	05	16.00	
WHN	8.60	314	eP	04	04.50	-0.7
GYA	13.54	280	P	05	12.60	0.3
	1.0s	9.60nm			4.6mb X	
CN2	19.27	9	eP	06	25.30	0.6
	1.0s	4.90nm			3.7mb	
			esP	06	35.00	
	S.D. = 1.1	on 10	of 11	obs.		

OCT 30, 1992 08h 24m 32.27 ± 0.55s
 17.480 N ± 7.0km 100.551 W ± 6.2km
 DEPTH = 38.8km (13 depth phases)
 4.7mb (26 obs.)
 GUERRERO, MEXICO (59)

ACX	0.90	132	iPc	24	46.61	-2.0
			iS	24	57.00	
III	1.36	49	iPc	24	58.59	3.3X
			iS	25	20.50	
UNM	2.25	35	iP	25	11.00	2.9X
			iS	25	43.00	
MRX	2.29	345	iP	25	10.12	1.7
			iS	25	41.00	
TAC	2.31	34	(P)	25	14.00	5.1X
			(S)	25	52.00	
PPM	2.41	49	iPc	25	13.12	2.4
			iS	25	47.50	
IIT	2.62	54	eP	25	15.85	2.4
IISM	3.37	63	iP	25	25.50	1.7
AGX	4.68	340	(P)	25	45.00	2.7X
			(S)	26	46.00	
SCX	7.61	94	(P)	26	28.00	4.5X
TPX	8.37	107	(P)	26	40.00	5.9X
MEO	17.32	5	iPd	28	30.70	-2.1
TUC	17.42	330	eP	28	35.44	1.3
	1.2s	20.14nm			4.1mb	
			epP	28		

LNO 18.84 12 iPd 28 50.10 -1.3
 LNO2 18.84 12 eP 28 50.10 -1.4
 LNO3 18.84 12 e(P) 28 50.40 -1.1
 ACO 19.18 3 e(P) 28 53.90 -1.7
 RLO 19.25 14 eP 28 54.30 -2.0
 OLY 19.68 22 eP 28 59.70 -1.5
 ELC 22.11 25 eP 29 09.85 44km
 PEC 22.11 321 (P) 29 24.87 -1.0
 1.3s 22.80nm 4.4mb
 FVM 22.27 21 eP 29 36.54 46km
 0.6s 31.49nm 4.9mb
 GOL 22.53 350 eP 29 30.07 -0.3
 0.7s 14.93nm 4.6mb
 GSC 22.90 324 eP 29 34.81 1.0
 eP 29 45.83 43km
 ARUT 23.18 333 eP 29 37.94 1.3
 eP 29 48.78 42km
 PRM 23.21 41 eP 29 36.58 -0.1
 SRU 23.24 340 eP 29 37.00 -0.2
 e 29 47.21 38km
 MSU 23.29 336 eP 29 38.58 0.8
 eP 29 48.70 38km
 HBF 23.81 46 eP 29 43.15 0.7
 SGS 23.87 45 eP 29 44.58 1.5
 eP 29 53.23 31km
 EMUT 23.97 340 eP 29 45.12 0.7
 JSC 24.04 42 eP 29 45.04 0.3
 eP 29 55.20 38km
 ISA 24.11 322 eP 29 46.49 0.9
 0.7s 5.38nm 4.2mb
 eP 29 56.66 38km
 LHS 24.45 42 eP 29 49.22 0.5
 DAU 24.66 340 eP 29 53.02 1.9
 eP 30 02.70 35km
 BCH 24.77 319 eP 29 53.01 1.1
 DUG 25.00 337 eP 29 54.99 0.8
 0.8s 4.42nm 4.1mb
 TNP 25.19 328 (P) 30 02.18 6.1X
 0.8s 6.94nm 4.3mb
 PHAM 25.38 320 (P) 29 58.56 0.9
 BONR 25.66 326 (P) 30 03.17 2.6X
 MEMM 25.79 325 eP 30 02.71 1.3
 NAV 26.32 37 eP 30 05.47 -0.9
 BW06 26.36 345 eP 30 06.00 -0.9
 1.2s 12.79nm 4.4mb
 HVU 26.39 339 eP 30 06.19 -0.9
 CEH 26.43 42 eP 30 07.11 -0.2
 0.7s 18.22nm 4.8mb
 RSSD 26.72 354 eP 30 11.93 1.7
 0.8s 4.84nm 4.2mb
 HHA1 27.62 341 eP 30 18.95 0.7
 LRM 29.95 343 ePd 30 39.30 -0.1
 e 30 49.30 35km
 TBR 32.68 38 eP 31 02.39 -0.6
 ULM 32.91 6 eP 31 05.50 0.6
 EEO 34.08 27 eP 31 17.00 1.9
 RSNY 34.72 33 eP 31 19.82 -0.8
 0.8s 10.58nm 4.8mb
 JAO 41.05 22 eP 32 13.00 -0.5
 pP 32 24.50 41km
 ZOBO 46.33 135 eP 32 57.00 -0.3
 LPB 46.52 135 eP 33 05.00 6.4X
 CNCB 46.80 135 eP 33 02.00 1.1
 SPU 56.70 333 eP 34 12.17 -2.1
 CRP 56.78 333 eP 34 12.78 -2.2
 FBA 56.88 338 eP 34 13.73 -1.7
 1.1s 7.88nm 4.7mb
 eP 34 24.44 36km
 MBC 59.60 355 ePc 34 33.60 -0.6
 1.0s 14.00nm 5.0mb
 GRR 83.37 41 eP 36 57.50 0.7
 0.8s 6.70nm 4.8mb
 LFF 85.56 44 eP 37 08.60 0.8
 0.8s 10.05nm 5.1mb
 EPF 85.94 46 eP 37 09.50 -0.4
 0.9s 6.90nm 4.9mb
 LPO 85.95 44 eP 37 09.20 -0.6
 1.2s 15.45nm 5.1mb
 TCF 86.05 43 eP 37 10.80 0.5
 0.8s 4.15nm 4.7mb
 MAF 86.30 43 eP 37 12.00 0.5
 1.0s 7.20nm 4.9mb
 HFS 86.43 27 eP 37 14.50 2.7X
 0.5s 1.70nm 4.5mb
 SSF 86.59 42 eP 37 13.40 0.5

LOR 1.1s 9.30nm 4.9mb
 86.74 41 eP 37 14.30 0.6
 0.8s 7.00nm 4.9mb
 LBF 86.92 42 eP 37 14.90 0.3
 1.0s 9.40nm 5.0mb
 WRA 128.14 258 PKP 43 35.20 -1.6X
 0.6s 1.30nm
 TNE 129.48 286 ePKP 43 28.50 -11.0X
 HYB 145.31 2 ePKP 44 06.50 -2.0
 1.0s 40.00nm
 GBA 149.05 4 PKP 44 17.00 2.5X
 S.D. = 1.2 on 67 of 81 obs.

OCT 30, 1992 08h 32m 10.33±1.18s
 37.374 N ±10.1km 21.850 E ±8.5km
 DEPTH = 10.0km (geophysicist)
 3.7mb (1 obs.)

SOUTHERN GREECE (368)
 ML 3.9 (THE), 3.6 (ATH).

VLI 1.09 127 iPd 32 31.20 0.4
 VLS 1.28 309 ePb 32 32.30 -1.8
 eSb 32 50.70
 ATH 1.60 67 ePb 32 40.10 1.4
 eSb 33 04.00
 AGG 1.69 13 ePn 32 40.06 0.0
 eSn 33 06.46
 IGT 2.46 332 ePn 32 52.14 1.0
 LIT 2.77 10 ePn 32 56.02 0.5
 eSn 33 32.50
 KEK 2.84 326 ePb 32 58.00 1.5
 PAIG 2.92 29 ePn 32 57.06 -0.6
 eSn 33 37.10
 KZN 2.93 359 ePn 32 55.00 -2.8X
 FNA 3.42 354 ePn 33 04.38 -0.5
 eSn 33 46.80
 GRG 3.60 7 ePn 33 06.58 -0.8
 SOH 3.64 18 ePn 33 07.50 -0.4
 NPS 3.70 124 ePb 33 13.00 4.2X
 KNT 3.87 12 ePn 33 11.10 0.0
 SRS 3.98 19 ePn 33 12.86 0.2
 VAY 3.98 8 iPn 33 13.70 1.0
 IZM 4.40 75 iPn 33 16.80 -2.0
 SKO 4.60 356 ePn 33 26.00 4.5X
 NB2 24.62 348 P 37 27.30 -4.5X
 0.7s 1.30nm 3.7mb
 S.D. = 1.1 on 15 of 19 obs.

? OCT 30, 1992 08h 45m 22.51±2.99s
 36.992 N ±26.2km 21.460 E ±20.5km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.6 (ATH).

VLI 1.22 103 eP 45 45.50 0.4
 VLS 1.37 330 eP 45 47.00 -0.6
 eS 46 05.00
 ATH 2.04 61 eP 45 56.60 -0.7
 eS 46 20.00
 AGG 2.14 18 eP 45 52.40 -6.4X
 LIT 3.21 14 eP 46 19.00 5.1X
 KZN 3.32 4 eP 46 12.00 -3.6X
 KNT 4.31 15 eP 46 15.30 -14.3X
 VAY 4.41 11 ePn 46 30.40 -0.5
 SKO 4.97 360 e(Pn) 46 40.50 1.5
 S.D. = 1.4 on 5 of 9 obs.

? OCT 30, 1992 09h 27m 01.97±1.23s
 40.530 N ±11.0km 21.802 E ±8.6km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 1.9 (THE).

FNA 0.41 308 iPg 27 10.42 0.0
 GRG 0.62 47 ePg 27 14.20 -0.3
 eSg 27 26.80
 LIT 0.68 129 iPg 27 15.42 0.0
 eSg 27 25.30
 VAY 0.98 36 ePn 27 17.00 -3.6X
 KNT 1.04 52 ePg 27 22.02 0.3
 eSg 27 38.50
 S.D. = 0.5 on 4 of 5 obs.

OCT 30, 1992 10h 15m 34.39±0.81s
 5.460 S ±3.5km 151.239 E ±4.6km
 DEPTH = 74.5 ±6.9 km
 5.1mb (38 obs.)

NEW BRITAIN REGION, P.N.G. (192)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 18S, 28C
 Centroid Location:
 Origin Time 10:15:40.3 0.7
 Lat 5.45S FIX; Lon 151.15E FIX
 Dep 37.1 7.2 Half-duration 1.1
 Moment Tensor; Scale 10¹⁶ Nm
 Mrr= 3.88 1.29 Mtt=-6.82 0.65
 Mff= 2.95 1.39 Mrt= 7.15 1.72
 Mrf= 0.15 1.25 Mtf=-4.79 1.45
 Principal Axes:
 T Val= 8.37 Plg=50 Azm= 40
 N 3.34 30 266
 P -11.71 24 162
 Best Double Couple: Mo=1.0×10¹⁷
 NP1: Strike=208 Dip=34 Slip= 27
 NP2: 95 75 121

RAB 1.56 36 iPd 16 00.00 -0.7
 LAT 4.38 254 eP 16 43.40 3.5X
 PMG 5.63 226 iPc 16 57.00 -0.5
 eS 18 05.00
 CTA 15.33 198 P 19 14.00 6.1X
 QIS 18.79 216 iPc 19 50.90 0.2
 0.2s 4.00nm 4.3mb
 GUA 19.89 342 eP 20 04.30 1.7
 0.8s 1014.92nm 6.2mb X
 GUMO 19.95 342 eP 20 04.80 1.6
 1.3s 772.10nm 5.9mb X
 PJG 19.95 342 eP 20 04.50 1.3
 RMO 21.05 186 iPc 20 13.80 -0.5
 1.1s 101.00nm 5.1mb
 WRA 21.85 227 P 20 15.10 -7.3X
 BRS 21.86 176 iPc 20 22.00 -0.5
 i 20 31.00
 OLP 22.04 197 eP 20 24.50 0.3
 DZM 22.12 140 iPc 20 28.80 3.7X
 KNA 24.31 243 iPc 20 47.70 1.3
 ASPA 24.63 221 iPc 20 49.70 0.3
 0.7s 47.50nm 5.0mb
 eS 25 16.00
 eScS 31 49.40
 ARMA 24.83 179 eP 20 52.60 1.2
 1.0s 19.00nm 4.5mb
 CMS 26.38 190 eP 21 06.40 0.8
 1.2s 63.00nm 5.0mb
 e 21 17.20
 STK 27.79 198 P 21 29.00 10.6X
 WARB 31.26 226 eP 21 49.00 -0.4
 0.3s 11.00nm 5.1mb
 BFD 32.55 193 eP 22 09.30 8.8X
 1.0s 14.00nm 4.7mb
 FORT 33.30 218 eP 22 06.00 -1.1
 MBL 34.21 240 eP 22 13.60 -1.5
 MEEK 37.57 232 iPc 22 43.30 -0.2
 0.4s 48.00nm 5.8mb X
 e 22 47.00
 NANU 38.44 240 eP 22 50.50 -0.3
 0.4s 10.00nm 5.1mb
 MRWA 40.83 230 eP 23 09.00 -1.5
 0.4s 6.00nm 4.8mb
 MUN 42.05 227 eP 23 20.00 -0.4
 RKG 42.89 223 eP 23 27.40 0.1
 MAT 43.53 345 eP 23 31.00 -1.3
 0.9s 21.85nm 5.0mb
 YAMJ 44.64 347 eP 23 40.30 -1.0
 OFUJ 45.19 349 P 23 45.00 -0.7
 SSE 46.32 324 P 23 55.80 1.1
 1.0s 13.00nm 4.8mb
 2 20s 0.50um 4.5msz
 QIZ 47.48 302 P 24 05.60 1.5
 NJ2 48.40 323 Pd 24 13.00 2.1
 ASAJ 49.95 352 P 24 22.30 -0.4
 WHN 50.27 318 Pc 24 27.00 1.7
 TIA 52.34 325 Pd 24 40.90 0.0
 SNY 53.40 334 eP 24 46.00 -2.6
 MDJ 53.51 341 eP 24 47.80 -1.6
 GYA 53.57 309 P 24 52.00 1.7
 1.0s 19.00nm 5.1mb
 BJI 55.60 328 eP 25 05.00 0.4
 1.4s 24.00nm 5.0mb
 2 24s 0.51um 4.5msz X
 XAN 56.04 318 Pc 25 07.60 -0.5
 0.8s 11.00nm 4.9mb
 KMI 56.08 305 Pc 25 09.50 0.8

30d 10h

TIY 1.5s 60.00nm 5.4mb
 56.10 323 eP 25 08.00 -0.5
 Z 24s 1.08um 4.9MszX
 HON 56.43 60 P 25 20.00 9.0X
 Z 21s 0.74um 4.7Msz
 CHG 56.88 297 eP 25 14.40 0.1
 CD2 58.00 312 eP 25 22.40 0.5
 1.0s 33.00nm 5.4mb
 HHC 58.69 325 P 25 27.20 0.5
 1.0s 51.00nm 5.6mb
 BTO 59.41 324 eP 25 31.00 -0.7
 LZH 60.63 317 Pc 25 40.00 -0.2
 1.5s 43.00nm 5.4mb
 Z 22s 0.41um 4.5Msz
 pP 25 59.00 73kmx
 sP 26 09.50
 GTA 65.09 318 P 26 09.00 0.2
 1.2s 17.00nm 4.9mb
 Z 24s 0.60um 4.7MszX
 CIT 65.60 336 eP 26 13.00 0.5
 ZAK 69.25 329 iPc 26 35.30 0.0
 1.0s 27.00nm 5.1mb
 YAK 69.30 349 iPd 26 34.60 -0.8
 1.3s 76.00nm 5.5mb
 BOD 69.82 340 eP 26 38.10 -0.6
 1.1s 30.00nm 5.1mb
 MOY 71.20 330 ePc 26 47.70 0.6
 1.1s 44.00nm 5.3mb
 WMO 75.18 318 P 27 11.00 0.3
 1.0s 21.00nm 5.0mb
 HYB 75.24 290 eP 27 10.50 -1.0
 1.0s 25.00nm 5.1mb
 SVW 78.03 23 eP 27 25.79 -0.4
 0.9s 43.92nm 5.4mb
 TIK 78.33 353 eP 27 27.00 -0.6
 1.0s 19.00nm 5.0mb
 TTA 78.95 22 eP 27 30.40 -0.9
 1.1s 10.92nm 4.7mb
 ELT 79.77 326 iP 27 35.00 -0.7
 1.0s 56.00nm 5.4mb
 POO 79.84 290 iPd 27 46.70 9.8X
 SLKM 79.92 25 eP 27 34.91 -1.6
 PMR 80.93 25 eP 27 40.71 -1.0
 0.9s 10.97nm 4.8mb
 IMA 81.60 20 eP 27 44.54 -0.8
 0.8s 4.09nm 4.4mb
 FBA 83.07 22 eP 27 50.74 -2.1
 BALM 83.61 27 eP 27 53.96 -1.8
 FRU 83.95 314 eP 27 59.00 1.2
 MAW 84.37 203 P 28 00.59 1.3
 SPA 84.58 180 iPc 28 14.50 13.9X
 1.0s 16.00nm
 Z 22s 1.16um 5.2Msz
 NRI 85.94 342 eP 28 06.00 -1.1
 1.0s 15.00nm 5.0mb
 e 28 35.00
 BRVK 88.91 323 iPc 28 21.00 -0.7
 1.1s 14.00nm 5.1mb
 ARN 91.07 53 eP 28 31.25 -0.9
 LBFM 91.22 49 eP 28 33.84 0.8
 GMW 91.27 43 eP 28 32.89 0.0
 ORV 91.33 51 eP 28 33.35 0.1
 RMW 91.92 43 eP 28 36.02 0.1
 CMB 92.05 52 eP 28 37.05 0.4
 1.0s 15.83nm 5.4mb
 Z 18s 0.24um 4.7Msz
 ABL 92.71 55 eP 28 40.85 0.9
 MEMM 93.16 53 ePd 28 43.38 1.7
 ISA 93.38 55 eP 28 42.93 0.1
 1.4s 26.17nm 5.5mb
 Z 19s 0.73um 5.1Msz
 KVN 93.91 51 (P) 28 46.13 0.7
 PEC 94.34 57 eP 28 48.10 0.8
 1.1s 14.12nm 5.3mb
 DPW 94.38 42 ePc 28 46.84 -0.4
 TNP 94.54 52 ePc 28 48.75 0.4
 0.9s 15.92nm 5.4mb
 PLM 94.55 57 eP 28 49.12 0.6
 GSC 94.71 55 eP 28 50.07 1.0
 M8C 95.12 14 eP 28 49.50 -0.5
 1.0s 6.00nm 5.0mb
 GLA 96.24 57 eP 28 57.57 1.5
 ARUT 97.52 53 eP 28 03.00 1.2
 HVU 98.07 49 eP 29 04.46 0.2
 HHA1 98.36 47 eP 29 05.73 0.3
 SES 99.10 40 eP 29 09.00 0.4
 EMUT 99.57 51 eP 29 11.76 0.5

SRU 99.81 51 eP 29 12.07 -0.2
 GOL 103.77 51 Pdfff 29 40.00 10.0X
 Z 20s 1.33um 5.5Msz
 RSSD 104.35 46 ePdfff 29 33.46 1.0
 Z 21s 0.79um 5.2Msz
 MIAR 113.77 55 PKP 34 20.00 13.4X
 Z 19s 1.29um 5.5Msz
 ZST 122.28 325 ePKP 34 21.90 -0.5
 BRG 122.45 329 ePKP 34 22.40 -0.2
 1.0s 14.00nm
 MCWV 122.88 46 PKP 34 30.00 6.2X
 Z 21s 1.85um 5.7Msz
 PRM 122.89 53 ePKP 34 23.74 -0.3
 KHC 123.68 328 PKP 34 25.00 -0.2
 1.0s 7.00nm
 JSC 123.70 52 ePKP 34 25.58 0.0
 GEC2 123.79 328 PKP 34 25.30 -0.2
 0.9s 8.42nm
 LHS 123.99 52 ePKP 34 25.85 -0.3
 RSNY 124.24 38 ePKP 34 26.22 -0.1
 Z 19s 3.22um 6.0Msz
 GRF 124.56 330 ePKP 34 27.10 0.3
 VBY 124.80 323 iPKP 34 27.60 0.3
 CEH 124.83 50 ePKP 34 27.44 -0.3
 Z 19s 1.05um 5.5Msz
 KBA 125.01 326 ePKP 34 26.00 -2.0
 1.0s 10.90nm
 i 34 27.30
 TBR 126.11 42 ePKP 34 29.46 -0.6
 EKA 126.20 342 PKP 34 30.00 0.2
 1.0s 11.10nm
 ENN 126.36 333 ePKP 34 30.00 -0.2
 1.0s 17.00nm
 HRV 127.14 39 PKP 34 40.00 8.0X
 Z 18s 0.90um 5.5Msz
 CDF 127.36 330 ePKP 34 32.00 -0.4
 0.9s 5.55nm
 BSF 127.99 330 ePKP 34 33.40 -0.2
 1.0s 26.20nm
 HAU 128.09 331 ePKP 34 33.40 -0.3
 0.9s 17.05nm
 LPL 129.58 328 ePKP 34 36.90 0.0
 0.9s 6.90nm
 LPG 129.58 328 ePKP 34 37.10 0.1
 1.0s 10.00nm
 LOR 129.81 331 ePKP 34 37.20 0.2
 1.1s 16.85nm
 LBF 129.96 331 ePKP 34 37.30 0.0
 0.9s 5.90nm
 SSF 130.13 331 ePKP 34 37.90 0.3
 1.0s 18.80nm
 SMF 130.26 331 ePKP 34 38.00 0.2
 1.1s 17.60nm
 AVF 130.39 331 ePKP 34 38.00 0.0
 1.0s 6.80nm
 BGF 130.80 331 ePKP 34 39.20 0.3
 0.7s 6.40nm
 GRR 131.06 336 ePKP 34 38.30 -1.0
 LMR 131.12 326 ePKP 34 39.70 0.2
 0.9s 11.80nm
 LRG 131.13 326 ePKP 34 39.90 0.4
 TCF 131.30 332 ePKP 34 40.30 0.4
 1.0s 18.80nm
 LPF 131.42 335 ePKP 34 39.00 -0.9
 1.0s 20.80nm
 LSF 131.65 332 ePKP 34 40.60 0.1
 1.0s 13.20nm
 LPD 132.97 331 ePKP 34 43.20 0.2
 0.9s 7.85nm
 CNCB 135.36 120 PKP 34 50.00 0.9
 LPB 135.38 120 PKP 34 50.10 1.2
 ZOBO 135.46 120 ePKP 34 48.00 -1.4
 i 38 23.00
 TRN 147.29 79 ePKP 35 10.00 0.6
 BMA 148.23 152 (PKP) 35 12.00 1.2
 KIC 156.09 273 PKP 35 22.20 -0.2
 e 35 50.90
 TIC 156.36 274 PKP 35 21.70 -1.0
 e 35 52.00
 LIC 156.38 273 PKP 35 22.70 0.0
 e 35 52.00

S.D. = 0.9 on 128 of 141 obs.

OCT 30, 1992 10h 43m 58.42±0.22s
 31.284 N ± 2.9km 4.372 W ± 2.8km
 DEPTH = 25.6km (20 depth phases)
 5.1mb (103 obs.) 5.2Msz (27 obs.)

MOROCCO (395)
 mbLg 5.1 (MDD). Felt (Vi) at
 Rissani and (V) at Erfoud.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 33S, 65C
 Centroid Location:
 Origin Time 10:44: 2.6 0.3
 Lat 31.15N 0.04 Lon 4.33W 0.02
 Dep 27.4 2.4 Half-duration 1.6
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-0.20 0.05 Mtt=-0.01 0.08
 Mff= 0.21 0.07 Mrt= 0.31 0.15
 Mrf=-0.95 0.15 Mtf=-2.77 0.05
 Principal Axes:
 T Vol= 3.12 Plg=15 Azm= 47
 N -0.37 72 192
 P -2.75 10 314
 Best Double Couple: Mo=2.9*10¹⁷
 NP1:Strike= 90 Dip=72 Slip= 176
 NP2: 181 87

IFR 2.32 344 iPn 44 36.00 0.2
 i 44 45.00
 iSn 44 05.00
 i 45 09.00
 TIO 2.50 263 iPn 44 37.50 -1.0
 AVE 3.27 309 iPn 44 49.00 -0.1
 i 44 57.50
 i 44 59.00
 i 45 00.50
 i 45 26.70
 iSn 45 29.50
 EMEL 4.18 16 iPc 45 00.12 -1.9
 OJEN 4.90 349 iP 45 20.00 7.6X
 PLAT 4.96 347 iP 45 14.00 0.8
 EJIF 5.23 350 iPnd 45 15.25 -1.8
 eSn 46 24.50
 CNIL 5.26 345 iP 45 18.00 0.6
 SFS 5.38 344 iP 45 20.00 0.9
 MAL 5.43 360 iPnd 45 21.50 1.7
 iSg 46 28.50
 ALJ 5.47 350 iP 45 18.00 -2.5
 ANTJ 5.52 241 iPn 45 19.50 -1.6
 i 45 29.50
 i 45 30.50
 i 45 32.50
 i 45 55.00
 i 46 21.00
 iSn 46 23.00
 EGUA 5.58 7 iPnc 45 20.56 -1.3
 eSn 46 34.60
 LIJA 5.67 352 iP 45 18.00 -5.2X
 EPRU 5.71 353 iPnc 45 21.20 -2.6X
 eSn 46 37.10
 ENIJ 5.95 17 iPnc 45 24.26 -2.9X
 eSn 46 42.40
 ECOG 6.02 6 ePn 45 27.89 -0.3
 EHOR 6.56 354 ePn 45 32.97 -2.8X
 eSn 46 56.70
 EVAL 6.58 343 ePn 45 31.99 -4.1X
 eSn 46 56.50
 EHUE 6.68 12 ePn 45 37.11 -0.4
 eSn 47 01.20
 EBAN 6.88 4 ePn 45 38.97 -1.3
 eSn 47 05.00
 EALH 7.00 20 eP 45 39.92 -1.9
 EVIA 7.50 11 ePn 45 48.54 -0.4
 eSn 47 20.40
 ACU 7.91 23 ePn 45 52.20 -2.5X
 eSn 47 31.20
 PAB 8.24 0 ePn 45 59.00 -0.4
 iPg 46 20.00
 eSn 47 40.00
 eSg 48 01.00
 LIS 8.39 333 eP 45 58.50 -2.7X
 eS 47 39.00
 ECHE 8.74 18 ePn 46 05.62 -0.6
 eSn 47 51.00
 EPLA 8.87 351 ePn 46 04.71 -3.3X
 CFTV 8.90 254 iPc 46 04.40 -4.1X
 GUD 9.34 1 ePn 46 11.90 -2.7X
 EROO 10.27 21 ePn 46 25.27 -2.0
 eSn 48 28.00
 GGC 10.29 255 eP 46 23.50 -4.0X
 EBR 10.30 21 eP 46 27.00 -0.6
 OAR 11.21 70 iPd 46 35.50 -4.6X

ERUA	11.31	349	iP	46 39.90	-1.5	MEU	16.98	65	P	47 57.58	1.7	UCC	20.55	16	P	48 36.00	-1.5
EZAM	11.38	344	iP	46 40.70	-1.7		1.0s	74.00nm		4.8mb					S	52 30.00	
SYA	11.52	69	iPd	46 40.00	-4.3X	MNO	17.03	62	P	47 57.81	1.3	FUR	20.65	31	iPc	48 36.50	-2.1
BERT	11.65	72	iPd	46 41.50	-4.5X		1.1s	485.30nm		5.5mb					eS	52 26.10	
STS	12.05	345	iP	46 50.09	-1.3	PII	17.11	39	P	47 58.60	1.4	LJU	20.78	39	eP	48 38.50	-1.5
			eS	48 57.00		LOR	17.17	19	eP	47 59.20	1.2				eS	52 30.00	
BOH	12.10	12	P	46 53.65	1.5		1.2s	92.55nm		4.8mb		MEM	20.80	19	iPc	48 40.62	0.6
ATE	12.14	13	P	46 53.91	1.3	Z	21s	2.25um		5.4MszX		KBA	20.84	36	iPc	48 39.20	-1.5
JAU	12.16	14	P	46 53.65	0.6	EMS	17.17	28	ePd	48 01.70	3.4X		1.4s	341.00nm		5.6mb	
ELYF	12.16	12	P	46 54.50	1.5	RDP	17.23	48	P	48 00.70	1.8				i	48 41.30	8kmX
MADF	12.17	12	P	46 54.80	1.7	ORO	17.25	30	P	48 01.70	2.6X				i	49 07.00	
SGNT	12.26	75	iP+	46 50.00	-4.2X	RMP	17.25	48	P	48 01.08	2.0	VBY	20.86	42	iPd	48 40.40	-0.3
EPF	12.31	16	eP	46 55.40	0.4		0.3s	67.30nm		5.3mb		ENN	20.92	19	eP	48 41.00	-0.3
	1.3s	145.15nm		6.0mb		ORX	17.26	30	P	48 01.26	2.0		1.0s	30.00nm		4.7mb	
CHIE	12.35	257	iPd	47 04.50	9.0X	BOB	17.28	35	P	48 02.50	3.0X				e	48 51.50	42kmX
EMON	12.35	350	iP	46 54.36	-1.2	GRR	17.29	8	eP	48 01.40	1.9	ECP	20.93	357	eP	48 46.60	5.2X
			eS	49 03.00			1.2s	146.40nm		5.0mb		BHG	21.06	34	eP	48 40.60	-2.1
MEDT	12.36	73	iP+	46 51.00	-4.6X	DIX	17.37	28	iPc	48 04.70	3.8X		1.7s	400.00nm		5.6mb	
ETER	12.42	26	eP	47 02.95	6.6X	BDI	17.38	39	P	48 02.30	1.6	VAL	21.09	350	eP	48 48.00	5.0X
			eS	49 24.50		MME	17.52	38	P	48 07.00	4.4X	ECB	21.14	356	eP	48 52.30	8.8X
MART	12.56	76	iP+	46 55.00	-3.3X		1.1s	122.30nm		4.9mb		TNS	21.21	23	ePd	48 44.50	0.2
ZGN	13.06	63	iP+	47 02.00	-3.0X	MNS	17.55	46	P	48 03.10	0.3	VLO	21.35	58	eP	48 44.70	-1.0
LPO	14.07	17	eP	47 18.50	0.3	FIR	17.55	40	e(P)	48 07.00	4.3X	HCT	21.36	52	iPc	48 44.40	-1.4
	1.2s	105.90nm		5.4mb		MMK	17.58	30	iPd	48 06.70	3.3X	ETA	21.44	357	eP	48 53.00	6.5X
LFF	14.21	15	eP	47 19.90	-0.1	ATN	17.67	62	P	48 03.40	-1.0	BNS	21.45	20	ePd	48 47.20	0.5
	1.0s	68.00nm		5.2mb		VAI	17.78	31	P	48 07.50	1.9	Z	13s	7.90um		5.3MszX	
CAF	14.52	19	eP	47 23.40	-0.7	RFI	17.83	51	P	48 07.78	1.6				eS	52 45.00	
	0.9s	57.65nm		5.1mb			1.5s	492.20nm		5.4mb		ZAG	21.45	42	eP	48 46.00	-0.7
RJF	14.73	17	eP	47 26.20	-0.7	CRE	17.84	42	P	48 07.60	1.1	PTJ	21.49	41	iP	48 45.50	-1.7
	1.4s	143.75nm		5.2mb		PGD	17.87	41	P	48 08.77	1.9	BDV	21.52	53	iPc	48 45.60	-1.8
Z	22s	5.00um		5.1Msz			0.1s	10.40nm		4.9mb		SRN	21.55	60	eP	48 45.50	-2.2
LMR	14.80	33	eP	47 28.30	0.6	SDI	17.91	49	P	48 07.80	0.5	BRY	21.57	51	iPc	48 46.67	-1.5
	0.9s	56.50nm		5.0mb		SFI	17.97	41	P	48 10.90	2.9X	VLS	21.60	65	eP	48 50.00	1.7
LRG	14.83	32	eP	47 28.90	0.8	AQU	17.98	47	P	48 08.80	0.6	TPE	21.67	59	iPd	48 48.00	-1.0
	0.6s	40.20nm		5.0mb		TMA	18.01	31	ePd	48 10.10	1.4	YRE	21.68	360	eP	48 54.50	5.5X
Z	22s	3.53um		5.2MszX		SOI	18.10	62	P	48 09.50	-0.1	ULC	21.68	54	iPc	48 47.37	-1.8
FRF	15.04	32	eP	47 31.40	0.5	MDI	18.15	33	P	48 11.60	1.5	BERA	21.75	58	eP	48 48.40	-1.4
	1.0s	53.80nm		4.8mb		LOMF	18.20	25	P	48 10.81	-0.1	GRF	21.80	28	iPc	48 49.40	-0.8
CALN	15.30	32	P	47 36.01	1.6	ARV	18.34	43	P	48 14.70	2.1		1.2s	141.00nm		5.3mb	
PGF	15.49	40	eP	47 37.20	0.3	BBS	18.55	26	P	48 14.89	-0.3	Z	16s	2.20um		4.7MszX	
	1.0s	126.80nm		5.1mb		VDL	18.57	31	ePc	48 16.40	0.8				eS	52 51.00	
MVIF	15.53	33	P	47 38.75	1.3	GRI	18.59	60	P	48 16.10	0.5	NKY	21.84	52	iPc	48 49.27	-1.6
AURF	15.61	33	P	47 39.40	1.1		0.2s	30.70nm		5.1mb		TTG	21.87	53	iPc	48 49.35	-1.6
LSF	15.63	15	eP	47 37.70	-0.8	HAU	18.60	23	eP	48 15.80	0.1	LACI	21.89	55	eP	48 47.90	-3.2X
	0.9s	48.30nm		4.7mb		Z	1.5s	114.90nm		4.8mb		KMR	21.90	35	iP+	48 48.00	-3.2X
SBF	15.64	33	P	47 39.53	0.8		20s	1.40um		6.3Msz					i	52 54.40	
MFF	15.64	11	eP	47 39.10	0.5	BSF	18.60	24	P	48 15.24	-0.6	TIR	21.90	56	eP	48 50.50	-0.7
	1.0s	118.80nm		5.0mb		VITF	18.66	22	P	48 15.83	-0.7	DBN	21.95	16	eP	48 44.00	-7.7X
TOUF	15.67	33	P	47 40.33	1.1	LLS	18.66	30	ePc	48 17.20	0.5	Z	20s	4.00um		4.8Msz	
AUTN	15.74	33	P	47 41.07	0.9	MOF	18.74	25	P	48 16.50	-1.0				iS	52 58.00	
SAOF	15.79	33	P	47 41.13	0.5	TDS	18.80	58	P	48 18.40	0.2	DLF	22.05	357	eP	48 55.00	2.3
TCF	15.83	17	eP	47 40.00	-1.1	ZLA	18.90	28	ePc	48 18.70	-0.8		1.2s	119.00nm		5.2mb	
	1.1s	131.85nm		5.0mb		OSS	19.03	32	ePd	48 22.30	1.2	LSK	22.07	59	eP	48 51.50	-1.6
SURF	15.84	31	P	47 42.33	0.9	ECH	19.06	24	P	48 20.16	-1.1	WET	22.09	31	iPc	48 51.30	-1.8
MAF	15.86	18	eP	47 41.10	-0.3	FEL	19.08	26	P	48 20.43	-1.3	WME	22.10	0	eP	48 52.50	-0.6
STV	15.88	32	P	47 45.43	3.6X	SLE	19.18	27	ePc	48 21.70	-1.0		1.0s	34.00nm		4.7mb	
IMI	15.89	34	P	47 44.24	2.3	CDF	19.26	24	P	48 22.38	-1.5	DCN	22.15	355	eP	48 56.00	2.4X
ENR	15.91	32	P	47 46.52	4.3X	CTI	19.28	36	P	48 23.80	-0.3		1.0s	209.00nm		5.5mb	
PZZ	15.98	31	P	47 47.62	4.4X	WLS	19.29	24	P	48 22.81	-1.4	GEC2	22.24	33	Pnc	48 53.10	-1.6
DOI	16.05	31	P	47 47.30	3.4X	BRT	19.85	55	P	48 27.50	-2.8X		0.6s	12.11nm		4.5mb	
ROB	16.17	33	P	47 50.19	4.7X	SQTA	19.91	33	iPc	48 29.00	-2.0				e	48 56.10	11kmX
RRL	16.18	30	P	47 49.41	3.7X		1.1s	291.00nm		5.5mb					eP	49 02.90	
BNI	16.24	29	Pc	47 51.00	4.6X					48 49.70	113kmX	WTS	22.27	18	eP	48 56.00	1.2
BGF	16.24	18	eP	47 46.50	0.2	LANF	19.93	24	P	48 29.95	-1.2	PLE	22.32	51	iPc	48 54.21	-1.4
	1.1s	91.10nm		4.8mb		MOTA	19.96	32	iPc	48 29.10	-2.4X	KHC	22.39	32	iPc	48 55.10	-1.0
FIN	16.27	34	P	47 49.00	2.3	DOU	19.96	17	Pc	48 31.10	-0.2		1.5s	401.50nm		5.7mb	
BHB	16.32	31	P	47 48.95	1.6		1.0s	144.40nm		5.3mb					e	49 05.00	37kmX
CKI	16.46	34	P	47 53.20	4.1X					52 10.00					e	49 22.50	
GIB	16.54	61	P	47 51.20	0.9	WLF	19.99	20	iPc	48 32.91	1.2				S	53 00.00	
RSP	16.56	30	P	47 53.11	2.6X					48 41.00	31km	PHP	22.42	56	eP	48 54.30	-2.2
AVF	16.59	19	eP	47 52.30	1.6	SCE	20.01	34	eP	48 31.50	-0.6	PVY	22.42	53	iPc	48 55.31	-1.3
	1.4s	228.30nm		5.1mb		WTTA	20.14	33	iPc	48 31.20	-2.3	IVA	22.47	52	iPc	48 56.02	-1.0
SMF	16.60	20	eP	47 52.70	1.8		1.2s	174.00nm		5.3mb		KKS	22.53	55	iPc	48 57.00	-0.5
	1.3s	106.15nm		4.8mb		TRI	20.15	39	eP	48 31.10	-2.3	HOF	22.55	28	iPd	48 56.50	-1.2
LPG	16.63	28	eP	47 51.90	0.3					48 31.10		DMU	22.68	356	eP	48 58.00	-0.9
	1.1s	165.55nm		5.1mb						52 12.00		MOX	22.71	27	iP	48 58.00	-1.2
LPL	16.64	28	eP	47 51.70	0.1					52 48.00			1.4s	69.00nm		5.0mb	
	0.9s	85.85nm		4.9mb		WATA	20.17	33	iPc	48 30.80	-2.9X	Z	18s	3.30um		4.8Msz	
PCP	16.68	34	P	47 54.53	2.6X					48 43.70	59kmX	N	18s	2.50um			
RSL	16.74	28	P	47 54.58	1.8	FVI	20.22	36	P	48 33.20	-0.9				eS	53 04.00	
LSD	16.77	29	P	47 55.63	2.4	SNF	20.27	16	iP	48 32.75	-1.8	FNA	22.81	58	eP	49 00.04	-0.3
SSF	16.88	19	eP	47 55.50	1.1	RIY	20.27	41	ePc	48 31.80	-2.8X	WIT	22.97	17	eP	49 04.00	2.3
	1.1s	106.95nm		4.9mb		HVAR	20.33	48	iP	48 33.40	-1.9	KZN	22.97	60	eP	49 02.00	0.0
LPF	16.92	8	eP	47 55.50	0.6	MBO	20.39	217	iPc	48 33.40	-2.7X						

30d 10h

SKO	23.22	55	i	49 02.00	7 kmX	PRK	26.16	64	i	49 47.50	SOC	36.69	58	eSSS	59 39.00	1.0																																				
			e	53 14.00					eS	54 22.00				eP	51 06.00																																					
			iPd	49 04.00	-0.3				eP	49 32.00				e	52 32.00																																					
			3.39um		4.9MszX				iP	49 32.00				e	56 50.00																																					
Z	15s		i	49 14.00	37 kmX	COZ	26.37	50	eP	49 36.00	OBN	37.40	38	iPd	51 11.00	0.2																																				
			i	49 26.00					ePc	49 37.00				66.00nm	5.3mb																																					
			i	53 16.00					eP	49 35.00				3.00um	5.2MszX																																					
			i	55 58.00										2.20um																																						
VLI	23.24	69	i	56 36.00		UZH	26.60	42	eP	49 35.00	Z	16s	3.00um	1.80um	51	17.00	20km																																			
			LR	00 36.00					i	49 39.00								14 kmX																																		
			eP	49 07.00	2.5				i	49 45.00								eS	56 56.00																																	
			eP	49 05.00	-0.8				i	50 21.70								eSS	59 20.00																																	
UZD	23.38	43	i	49 05.00	-1.4	CMP	26.81	50	ePd	49 41.00	2.7X	MOS	38.19	38	eP	51 17.00	-0.4																																			
			P	49 05.00					e	55 32.00					e	52 41.00																																				
			32 P						ePd	49 34.00					2.70um	5.3MszX																																				
									eP	49 47.00					eS	57 03.00																																				
PRU	23.44	32	i	49 06.70	6 kmX	BMR	26.83	44	ePd	49 47.00	8.6X	KIV	38.87	57	ePc	51 23.70	0.3																																			
			i	49 12.70					e	49 40.00					1.1	eS		57 17.50																																		
			eS	53 14.00					e	49 47.00					6.0X	eP		51 26.00																																		
			eP	49 06.76	0.1				ePd	49 44.00					1.00um	4.7MszX																																				
LIT	23.46	61	eP	49 06.76	0.1	COP	27.12	21	eP	49 47.00	6.0X	PYA	39.14	57	eP	51 26.00	0.5																																			
			Z	12s	3.70um				5.1mb	BUC1					27.16	53		ePd	49 44.00	2.5	i	53 01.00																														
			N	12s	3.20um				5.1MszX									BUC	27.23	53	ePc	49 42.50	0.4	eS	57 14.00																											
			E	14s	3.40um				EDC												27.54	62	iP	49 51.00	6.0X	iP	51 31.00																									
VAY	23.83	58	i	49 16.30	28 km	DMK	27.72	59			eP	49 47.00	0.3	ERE			40.22						63	iP	51 31.00	-3.7X																										
			eS	53 26.00						ISR	27.76	51	eP		49 47.00	0.0								iS	57 44.00																											
			iP	49 10.00	-0.2					KCT			27.90		62	eP		49 56.80	8.5X	eP				51 34.60																												
			1.2s	155.00nm	5.4mb				VRI	28.13						50		ePd	49 50.00	-0.3	i	51 44.00																														
BRG	23.83	30	i	49 25.50	66 kmX	LVV	28.18	41	eP					49 57.00			6.3X	MTA	40.39	61	ePPS	57 45.00	-1.3																													
			iPc	49 09.40	-0.7				e		50 45.00	244 kmX		eSS			00 28.00																																			
			360.00nm						eS		54 38.00	51 iP	51 35.50																																							
			1.7s						ePc	49 56.00	58 iPc	51 43.00																																								
SRO	23.92	40	i	49 15.80	23 km	CLI	28.73	49	ePc	49 56.00	0.3	GRO	41.02	58	iPc	51 43.00	2.0																																			
			iS	53 28.00					eP	49 55.90					-1.0	160.00nm		5.7mb																																		
			i	49 10.30	-0.7				CFR	28.86					52	eP		49 54.00	-2.8X	i	51 52.00																															
			i	49 20.80	40 kmX				EYL							29.30		62	eP	50 00.00	-1.0	iS	57 50.00																													
THE	23.94	59	eP	49 11.44	0.2	BCK	29.39	68	eP		50 01.00	-0.8	GRS	41.68			64		iPd	51 48.00	1.3																															
			VRAC	23.95	35				iPc		49 10.30	-0.9							GYN	29.71		62	eP	50 04.00	-0.7	eS	57 56.00																									
			4.1s						1239.20nm	5.8mb X	KIS	29.91			49								iPc+	50 04.00	-2.3	59 eP	51 48.00																									
											2.0s					300.00nm		5.8mb					59 eP	51 54.00																												
ATH	24.00	66	e			49 17.60	26 km	Z	16s		i		50 12.00	28 km		E	16s	e			50 58.00		0.2																													
			i	50 25.00		eS	55 03.00				72 e(P)		52 05.00																																							
			e	53 31.80		eP	50 13.50				62 iPd	52 03.00																																								
			eP	49 13.50	1.6	eP	50 19.00				404.00nm	6.1mb X																																								
KNT	24.02	58	eP	49 11.68	-0.4	SGKT	30.74	62	eP	50 13.50	-0.4	LWI	45.89	130	iPc	52 21.50	0.5																																			
			EKA	24.05	2				Pd	49 14.90					2.7X	DVR		30.77	61	eP	50 19.00	5.0X	LWI	45.89	130	iP-	52 22.00	1.0																								
			0.9s						11.40nm	4.4mb					PPCY					30.86	73	eP				50 20.50	5.7X		DAG	46.07	355	eP	52 23.50	2.1																		
			BUD						24.13	41												e(P)				49 12.00	-1.0					HFS	31.27		17	eP	50 16.60	-1.5	LMN	48.33	306	eP	52 51.50	11.8X								
SOH	24.27	59	iP			49 15.62	1.1	Z			17s	2142.00um	LR	02 03.00			7.9MszX					SHI				48.60	76									eP	52 43.00	0.9														
PAIG			24.31	61	eP	49 15.20	0.4						NB2	31.49		15		P	50 18.40				-1.7	KAT	49.35			63								iP-	52 49.00					1.5										
EBL					24.50	2	eP								49 22.10			5.5X	CSS	31.67	73		eP						50 22.00	0.1	ARU			49.77		40	eP						52 49.00		-1.6							
1.0s							31.00nm		4.8mb	KAS					32.11			61					eP						50 26.00	0.2		Z	15s		130.00nm		5.8mb		5.2MszX													
SRS	24.52	59					eP	49 04.28	-12.6X		UPP	32.14					21					iP	50 26.60			0.9	N		15s	1.00um								1.50um		52	56.00		23 km									
TIC			24.52	182			P	49 16.34	-0.8				CTK	32.85		62						eP	50 32.60	0.3	E	15s		1.50um														52		58.50		0.8						
0.6s					2.50nm	4.0mb X	SIM	32.89	54										eP	50 30.00	-2.5X	NAI	50.74	122							eP+			53 06.00		7.3X																
TIM					24.55	47				iPd					49 20.00			2.9X	RMN	33.36	81										eP	50 36.20	-0.6	Z	15s		3.10um		55						04.00		4.6mb					
EAU	24.56	1								eP	49 22.70	5.5X			ADI		33.43	76									eP		50 38.10	0.8	N	16s	0.50um					51		10.00	5.3X											
0.8s			63.00nm	5.3mb						AKUR	33.62	93	eP	50 39.50		0.5									HRV	53.61	302	P	53 30.00	10.4X																						
EDI			24.65	2			eP	49 20.10	2.2				AKRL	33.65		94						eP	50 41.00	1.8				Z	19s							0.91um						53	34.10	5.0X								
ESY					24.66	2	eP	49 24.30	6.2X										ASW	33.65	93	eP	50 41.00	1.7										E	16s		1.50um		52						30.00	413 kmX						
BRN	24.72	26					eP	49 19.00	0.3						KVT		33.80	62				eP	50 41.00	0.5							PDCR	54.86	223					eP		53 32.24	0.1											
BZS							24.74	47	eP	49 10.00	-9.0X	HRI										33.83	76	eP	50 41.60	0.7	N			16s								0.50um		52							43.00	53 34.00				
BRNL			24.79	26					eP	49 18.50	-0.8		TRHT	33.86		63								eP	50 40.90	-0.2		E	16s							0.50um						52	58.00	-1.2								
0.9s					53.50nm	5.1mb			AKSR	33.92	94								eP	50 47.50	5.9X			RSNY	55.32	305								(P)	53 32.24		0.1															
EBH	24.96	1			eP	49 21.60									0.6		ANN	35.11	55	eP	50 51.00										-0.6	Z	15s	160.00nm	5.7mb				5.1MszX													
ELO					25.18	1	eP	49 26.60				3.5X			e					52	12.00	423 kmX	e				56			22.00	eSS							58		54.00	11.8X											
1.0s			20.00nm	4.7mb			AKU	35.44				350	iP	51 05.90		11.8X												MAIO	52.47							66						eP	53 10.00	-1.4								
NPS			25.33	73					eP	49 25.00	0.2		1.5s	77.78nm		51								00.50	-3.9X	e											54					49.00	eS		00	07.00	4.8MszX					
GZR	25.38	49							ePc	49 26.00	0.8						KAF	36.65	24													eP	51 00.50	e	50				07.00									eS	00	07.00	4.6mb	
EDR					25.66	2			eP	49 30.90	3.3X				1.1s					43.20nm	5.2mb	51	10.00				5.3X			e	53	34.00	(S)					56		50.00	5.3MszX											
SPC							25.76	39	eP	49 28.10	-0.7	PUL																36.69	29							eP+								51 10.00								e
OJC			26.13	37					eP	49 37.30	33 km		N	13s		1.90um								52	30.00	413 kmX										e	52					43.00	53 34.00	(S)	56	50.00	5.3MszX					
Z	10s								e	49 32.00	4 kmX						E	13s	2.50um															52	30.00				413 kmX									e	52	43.00	53 34.00	
									e	49 32.00	4 kmX																																									

TBR	55.85	301	eP	53	37.34	1.4	RSSD	75.23	313	eP	55	40.66	-0.3	Z	20s	1.04um	5.2MsZ				
PNJ	55.85	301	iP	53	22.90	-13.0X		0.9s	8.65nm			4.8mb		E	14s	0.72um					
			i	54	04.50	182kmX		Z	22s	0.88um		5.0MsZ				pP	56	41.50	22km		
BRVK	56.72	44	eP	53	41.00	-1.1	GKN	75.26	66	P	55	40.50	-0.8				sP	56	47.00		
	1.4s		68.00nm			5.5mb	HYB	75.26	78	eP	55	39.80	-1.5				ePP	59	48.00		
Z	18s		1.47um			5.1MsZ		1.0s	45.00nm			5.5mb					eS	06	55.00		
N	16s		1.06um						e		55	45.00	17km				sS	07	10.00		
E	20s		0.75um				ACO	75.51	304	iPd	55	42.10	-0.4	TUC	85.98	305	eP	56	38.81	0.7	
			eS	01	25.00		DMN	75.81	66	P	55	42.90	-1.7		1.0s		15.41nm		5.2mb		
EEO	57.98	308	eP	53	50.50	-0.5	KKN	75.86	66	P	55	43.30	-1.5	Z	18s		0.80um		5.2MsZ		
CBN	58.97	298	e(P)	54	11.00	13.0X	MEO	76.01	302	iPc	55	45.90	0.6	BTO	86.23	44	eP	56	44.50	5.3X	
BUL	60.14	144	iPc	54	13.30	6.9X	PKI	76.07	66	P	55	45.10	-1.0	N	13s		0.32um				
	2.0s		42.65nm			5.2mb	SES	76.12	321	eP	55	46.00	0.3	E	13s		0.51um				
			i	55	01.10	208kmX	GBA	76.15	82	P	55	45.00	-1.3				ePP	00	01.00		
			i	56	18.70		IRK	76.16	37	eP	55	52.20	6.4X								
QUE	60.27	71	eP	54	06.10	-1.2		1.5s	37.00nm			5.2mb		HHC	86.98	43	eP	56	45.00	2.1	
MCWV	60.38	301	P	54	20.00	12.4X	Z	15s	1.68um			5.5MsZ		CD2	87.99	55	eP	56	49.00	1.2	
	Z	21s	1.85um			5.2MsZ	N	17s	1.31um					Z	18s		0.73um		5.1MsZ		
CEH	61.00	296	P	54	20.00	8.1X	E	16s	1.47um								S	07	31.00		
	Z	19s	1.05um			5.0MsZ	GUN	76.27	66	P	55	46.60	-0.7	MDZ	88.21	229	eP	56	49.90	1.3	
NAV	61.82	298	(P)	54	19.28	1.7	ZAK	76.66	39	eP	55	50.00	1.4	GSC	88.28	311	eP	56	49.36	0.2	
FRU	61.95	55	eP	54	17.50	-0.8		Z	17s	1.51um		5.4MsZ		CMB	88.82	315	P	57	00.00	8.3X	
	2.7s		300.00nm			5.9mb	E	18s	2.78um						Z	21s		0.54um		4.9MsZ	
			e	02	44.00				eS		05	32.00		ISA	89.13	312	eP	56	54.25	1.1	
NRI	61.95	24	eP	54	19.00	1.0			eSS		10	25.00			1.0s		14.17nm		5.2mb		
	1.5s		45.00nm			5.4mb	ZOBO	77.32	242	P	55	54.00	0.5	XAN	89.61	50	eP	56	56.00	0.5	
Z	20s		4.80um			5.7MsZ			SKS		05	48.00			0.8s		5.50nm		4.9mb		
N	20s		2.70um						LR		20	28.00			Z	18s		1.03um		5.3MsZ	
			e	54	25.00	20km	BOD	77.42	29	eP	55	51.30	-1.3		N	13s		0.60um			
			e	54	28.00				0.8s		18.00nm		5.2mb	BJI	90.17	41	eP	57	06.00	8.2X	
			e	56	31.00		LPB	77.44	242	eP	55	47.00	-7.0X		Z	23s		1.00um		5.2MsZ	
			eS	02	44.00			Z	22s	1.48um		5.3MsZ		N	14s		0.66um				
JSC	63.22	295	eP	54	27.53	0.7			LR		23	14.00		KMI	90.58	60	Pc	57	08.00	7.6X	
FCC	63.69	324	eP	54	50.50	20.9X	CNCB	77.53	241	P	55	55.80	1.2		1.2s		30.00nm		5.5mb		
TLG	63.73	54	eP	54	28.00	-2.2	GOL	78.30	309	P	56	10.00	11.8X				sP	57	14.50		
	1.0s		30.00nm			5.4mb		Z	20s	1.33um		5.3MsZ	CHG	91.21	67	eP	57	04.00	1.0		
			eS	03	05.00		LRM	79.42	317	eP	56	04.60	0.4	GYA	92.67	57	P	57	17.00	7.2X	
			eSS	07	10.00		LSA	79.45	62	P	56	05.20	0.3	HON	121.90	331	PKP	03	00.00	7.7X	
KSH	64.02	58	eP	54	31.50	-0.7		1.0s	9.00nm			4.8mb			Z	19s		0.69um		5.3MsZ	
	1.0s		60.00nm			5.7mb	YAK	79.94	20	eP	56	07.40	1.1	WRA	141.30	83	PKP	03	26.50	-2.7X	
	Z	20s	1.24um			5.1MsZ		1.2s	75.00nm			5.6mb		ASPA	142.38	89	ePKP	03	33.00	2.0	
	N	10s	0.75um					Z	20s	1.10um		5.2MsZ			1.1s		12.30nm				
E	10s		1.59um					N	20s	0.80um				OIS	146.02	80	ePKP	03	39.00	1.8	
			sP	54	43.00		FBA	E	29s	2.40um				STK	151.06	100	PKP	03	51.50	6.7X	
PRM	64.15	296	(P)	54	34.28	1.3			79.97	345	(P)	56	08.47	2.0	CTA	151.36	74	PKP	03	54.20	8.6X
KSR	64.21	149	e(P)	54	32.50	-1.1	IMA	1.0s	6.13nm			4.6mb		BFD	152.11	111	ePKP	03	53.00	6.8X	
POF	64.62	157	eP	54	36.00	0.1		1.3s	11.18nm			4.7mb		OLP	152.18	88	ePKP	03	54.30	7.7X	
	0.6s		7.33nm			5.0mb	GTA	80.55	50	eP	56	10.80	0.6	RMD	156.02	85	ePKP	04	07.00	15.1X	
MBC	65.47	346	eP	54	44.00	3.1X		1.0s	8.00nm			4.7mb			0.7s		11.00nm				
	1.0s		9.00nm			4.9mb		Z	24s	1.09um		5.1MsZ			S.D. = 1.2	on 321	of 435	obs.			
ELT	65.97	41	iPc	54	44.40	0.1			pP		56	17.40	21km	%	OCT	30,	1992	11h	17m	25.58 ± 0.83s	
	1.5s		36.00nm			5.3mb	HHA1	80.80	315	(P)	56	13.42	1.9		41.272	N	± 7.6km	28.619	E	± 5.8km	
Z	14s		1.70um			5.4MsZ	CIT	80.92	34	eP	56	18.00	6.2X		DEPTH =	10.0km	(geophysicist)				
E	14s		1.40um				DPW	81.42	321	(P)	56	14.88	0.4	TURKEY						(366)	
			eS	03	27.00				eP		56	25.04	32km	ISK	0.39	122	iPg	17	32.90	-0.7	
JFWS	66.68	307	eP	54	49.20	0.0	ALO	81.53	306	eP	56	17.28	1.8				iSg	17	36.90		
	0.8s		12.73nm			5.1mb		1.1s	7.38nm			4.6mb	DMK	0.85	311	iPg	17	41.80	-0.1		
Z	18s		2.19um			5.4MsZ		Z	18s	1.44um		5.4MsZ					eSg	17	55.80		
ULM	67.56	316	eP	55	05.00	10.4X	NNA	81.62	251	eP	56	20.00	4.0X	YLV	0.91	141	ePg	17	42.80	-0.2	
TUH	67.97	159	eP	54	59.20	2.0		0.7s	10.27nm			5.0mb					eSg	17	54.80		
	0.5s		21.13nm			5.5mb	EMUT	81.79	312	eP	56	16.14	-0.7	KCT	1.04	191	iPn	17	45.30	0.0	
ELC	68.10	301	eP	54	57.42	-0.8	BALM	81.85	341	eP	56	16.15	-0.4	BNT	1.06	210	ePn	17	44.80	-0.7	
SLM	68.31	303	P	55	10.00	10.6X	HVU	81.90	314	eP	56	18.45	1.2	EDC	1.09	212	ePn	17	46.70	0.7	
	Z	18s	0.54um			4.8MsZ	SRU	81.99	311	eP	56	17.04	-0.8	EYL	1.36	121	ePn	17	51.00	0.3	
FVM	68.70	302	eP	55	00.09	-1.8	SIT	82.75	335	P	56	30.00	8.9X	GPA	1.62	127	ePn	17	55.00	0.8	
	1.0s		25.90nm			5.3mb		Z	20s	1.23um		5.3MsZ			S.D. = 0.7	on	8	of	8	obs.	
Z	18s		1.72um			5.3MsZ	DUG	82.84	313	eP	56	22.14	0.0								
NDI	69.10	68	eP	55	04.20	-0.3		0.7s	2.23nm			4.4mb			OCT	30,	1992	13h	13m	35.42 ± 0.61s	
WMQ	70.48	50	P	55	12.50	-0.3	PMR	83.14	344	eP	56	23.50	0.4		39.974	N	± 5.2km	19.602	E	± 5.2km	
	Z	20s	1.34um			5.2MsZ		0.9s	12.79nm			5.1mb			DEPTH =	10.0km	(geophysicist)				
N	12s		1.01um					Z	20s	0.84um		5.1MsZ			GREECE-ALBANIA BORDER REGION					(392)	
			sP	55	25.50		MSU	83.39	311	eP	56	25.53	0.4		ML	3.4	(THE),	3.3	(TIR),	MD	3.4
			PP	57	56.00		TTA	83.41	347	eP	56	26.19	1.6	KEK	0.30	150	ePg	13	42.00	0.3	
OLY	70.48	300	eP	55	10.65	-2.2		1.4s	17.11nm			5.0mb					eSg	13	49.00		
POO	70.79	80	eP	55	24.50	9.5X	RMW	83.58	323	(P)	56	25.53	-0.2	SRN	0.32	107	iPg	13	40.00	-2.1	
UER	71.03	41	eP	55	14.00	-1.8	LON	84.04	322	eP	56	27.84	-0.2				iSg	13	44.00		
	1.3s		60.00nm			5.6mb	SLKM	84.35	344	eP	56	29.60	0.3	TPE	0.45	44	iPg	13	43.20	-1.3	
			eS	04	31.00				eP		56	34.93	17km				iSg	13	46.00		
TIK	72.29	14	iPc	55	24.00	0.9	SHW	84.62	322	(P)	56	32.17	1.1	VLO	0.50	351	iPg	13	45.50	-0.1	
	1.5s		60.00nm			5.4mb	ARUT	84.62	311	eP	56	31.18	-0.1				eSg	13	59.28		
MIAR	72.45	300	eP	55	23.07	-1.6			eP		56	39.74	27km	IGT	0.72	128	ePg	13	48.24	-1.3	
	0.9s		15.77nm			5															

30d 13h

LSK	0.79	77	iPgd	13 48.00	-2.8X
			iSg	13 58.30	
TIR	1.39	8	iPnd	14 02.50	1.7
			iSn	14 24.50	
FNA	1.58	59	ePb	14 03.36	-0.2
			eSb	14 25.20	
LACI	1.66	3	ePn	14 06.50	1.8
			iSn	14 32.50	
KZN	1.70	78	ePb	14 07.00	1.7
PHP	1.82	20	iPnd	14 07.90	0.8
			iSn	14 30.40	
VLS	1.95	157	ePn	14 13.00	4.1X
BRT	2.04	297	P	14 15.70	5.5X
SDA	2.08	358	ePn	14 10.70	0.0
LIT	2.22	86	ePn	14 13.44	0.6
			eSn	14 41.32	
AGG	2.31	113	iPn	14 15.56	1.3
			eSn	14 45.64	
GRG	2.35	64	ePn	14 14.76	0.0
			eSn	14 44.12	
SKO	2.43	34	iPn	14 16.20	0.4
			i	14 20.00	
			iSn	14 50.50	
VAY	2.63	58	iPn	14 18.60	0.0
KNT	2.78	64	ePn	14 20.96	0.2
SOH	2.99	72	ePn	14 23.92	0.2
PAIG	3.13	90	iPn	14 25.48	-0.3
SOI	3.35	237	P	14 29.70	0.8
			eSn	15 10.40	
VLI	4.18	140	ePb	14 47.00	6.4X
ARV	6.10	307	P	15 05.50	-2.3
VBY	6.39	331	ePn	15 10.40	-1.4
			eSn	16 25.50	
CRE	6.78	305	P	15 18.10	0.6

S.D. = 1.2 on 24 of 28 obs.

OCT 30, 1992 13h 32m 45.92±0.52s
 23.733 N ± 7.6km 95.926 E ± 5.7km
 DEPTH = 33.0km (normal)
 4.7mb (25 obs.) 4.0Msz (2 obs.)
 MYANMAR (296)

CHG	5.65	150	ePn	34 09.40	-0.4
			ePg	34 30.00	
			eSg	35 45.00	
KMI	6.36	76	ePn	34 27.30	7.2X
			Z 10s	4.40um	
BDT	7.07	155	ePg	34 23.00	-6.7X
			eSg	34 56.00	
LSA	7.32	325	eP	34 35.00	1.4
			0.6s	20.00nm	5.3mb
LOE	8.32	138	eP	35 26.50	39.3X
GUN	9.96	297	P	35 09.06	-1.2
			0.6s	78.00nm	6.2mb X
CD2	9.98	43	iPd	35 10.80	0.7
			0.8s	24.00nm	5.5mb
			Z 11s	1.78um	5.0Msz
			E 38s	2.77um	
PKI	10.23	294	P	35 13.18	-0.7
			0.6s	42.00nm	5.9mb X
KKN	10.41	295	P	35 14.46	-1.8
			0.4s	58.00nm	6.1mb X
DMN	10.49	294	P	35 17.28	-0.2
			0.4s	18.00nm	5.7mb
GKN	11.02	295	P	35 22.60	-1.9
LZH	14.09	27	eP	36 04.00	-1.4
			2.0s	37.00nm	4.7mb
			Z 15s	0.78um	4.2Msz
			pP	36 11.00	
			sP	36 17.00	
XAN	15.31	45	P	36 18.50	-2.8
			0.8s	25.00nm	4.5mb
			Z 17s	1.49um	4.4Msz
			N 11s	2.34um	
			E 11s	1.08um	
			sP	36 34.70	
GTA	15.97	11	Pc	36 33.40	3.5X
			1.0s	19.00nm	4.2mb
			Z 10s	0.90um	4.7Msz
			pP	36 40.00	
			sP	36 43.20	
HYB	17.43	252	eP	36 47.50	-0.8
			1.0s	40.00nm	4.5mb
			eS	39 51.50	
NDI	17.49	290	iPd	36 51.50	2.5
			0.4s	16.95nm	4.5mb
IPM	19.67	165	ePd	37 15.80	0.5

TIY	19.85	42	eP	37 16.00	-1.0
			Z 20s	1.55um	
GBA	20.18	243	P	37 22.00	1.4
			S	42 04.00	
BTO	20.57	32	P	37 23.50	-1.1
			1.0s	52.00nm	4.9mb
			N 12s	0.93um	
			E 12s	1.51um	
			ePP	37 48.00	
WMQ	21.15	343	P	37 31.00	0.5
			1.0s	31.00nm	4.7mb
			sP	37 46.50	
POO	21.22	260	iPc	37 43.40	12.1X
			iS	41 27.00	
HHC	21.53	34	P	37 34.80	0.4
			1.0s	57.00nm	4.9mb
			sP	37 51.00	
NJ2	21.86	63	Pd	37 38.00	0.4
TIA	22.12	51	Pd	37 40.40	0.2
			Z 14s	2.62um	4.8MszX
			N 13s	0.96um	
			E 13s	1.15um	
KSH	23.04	318	iPd	37 53.50	4.2X
BJI	23.58	42	eP	37 56.50	2.1
			1.6s	22.00nm	4.4mb
			Z 20s	0.66um	4.1Msz
			N 12s	0.62um	
			E 10s	0.53um	
TLG	24.77	326	iPc	38 09.00	3.0
			1.5s	117.00nm	5.2mb
			e	38 45.00	
			eSS	43 28.00	
FRU	25.95	322	eP	38 20.50	3.4X
			1.9s	100.00nm	5.1mb
QUE	26.57	290	eP	38 27.00	3.9X
ZAK	27.21	10	eP	38 30.00	1.5
			1.7s	40.00nm	4.8mb
ELT	30.37	348	eP	38 57.00	0.2
			1.4s	16.00nm	4.6mb
MAIO	33.74	300	eP	39 30.00	3.3X
BRVK	35.14	333	iPd	39 38.00	0.5
			0.8s	8.00nm	4.7mb
			Z 20s	0.20um	3.9Msz
			E 18s	0.15um	
SVE	41.78	332	ePd	40 45.00	11.3X
			2.2s	60.00nm	
			e	42 12.00	
ARU	42.45	330	eP	40 41.00	1.8
GRS	44.51	303	eP	40 56.00	-0.3
			1.3s	30.00nm	5.0mb
NRI	45.92	356	eP	41 08.00	1.1
			1.3s	17.00nm	4.8mb
			e	41 25.00	
KIV	47.71	309	eP	41 22.20	0.7
			0.8s	23.00nm	5.2mb
TIK	51.44	13	eP	41 49.00	-0.6
			1.5s	36.00nm	5.1mb
WRA	57.33	136	P	42 33.50	0.2
			0.9s	1.90nm	4.1mb
MLR	59.66	310	eP	42 47.50	-2.0
			e	54 09.00	
HFS	65.89	327	eP	43 29.60	-0.7
			0.4s	1.20nm	4.3mb
NB2	67.00	328	P	43 36.00	-1.5
			0.9s	3.20nm	4.4mb
GEC2	67.52	315	P	43 40.30	-0.8
			0.7s	0.64nm	3.8mb
RMQ	71.42	131	eP	44 08.90	3.8X
BRS	74.78	130	e(P)	44 35.00	10.1X
MBC	77.91	8	eP	44 45.00	3.4X

S.D. = 1.4 on 35 of 48 obs.

* OCT 30, 1992 13h 43m 05.27±2.47s
 42.436 N ± 8.3km 24.511 E ± 27.0km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)
 ML 3.2 (THE).

SRS	1.49	208	ePb	43 32.28	0.2
KNT	1.75	224	ePb	43 35.80	-0.1
			iSb	43 59.40	
VAY	1.83	233	iPn	43 36.00	-1.0
SOH	1.83	209	ePb	43 37.44	0.4
GRG	2.16	228	ePn	43 41.68	-0.2
SKO	2.33	260	ePn	43 45.00	0.8
BZS	3.80	328	eP	44 05.00	-0.1

S.D. = 0.7 on 7 of 7 obs.

OCT 30, 1992 13h 52m 02.41±0.61s
 37.190 N ± 6.0km 21.552 E ± 4.8km
 DEPTH = 10.0km (geophysicist)
 3.9mb (3 obs.)
 SOUTHERN GREECE (368)
 ML 3.8 (ATH), 3.8 (THE).

VLI	1.20	113	eP	52 26.00	1.2
VLS	1.25	323	iPd	52 24.70	-0.9
ATH	1.89	65	eP	52 35.10	0.1
			eS	52 58.00	
AGG	1.93	18	ePg	52 35.88	0.3
			eSg	52 51.16	
IGT	2.53	338	ePn	52 49.72	5.6X
KEK	2.87	332	eP	52 50.00	1.0
SRN	2.95	336	ePn	52 52.00	1.9
LIT	3.00	14	ePn	52 52.00	1.2
LSK	3.05	346	ePn	52 52.00	0.4
KZN	3.12	3	eP	52 53.00	0.4
PAIG	3.20	31	iPn	52 53.96	0.3
BERA	3.72	341	ePn	53 02.50	1.3
NPS	3.80	119	eP	53 06.00	3.7X
GRG	3.82	10	ePn	53 02.32	-0.2
SOH	3.89	21	ePn	53 03.44	-0.1
KNT	4.10	14	iPn	53 06.44	0.0
VAY	4.20	11	iPn	53 07.70	-0.2
SRS	4.23	21	ePn	53 07.90	-0.4
TIR	4.35	343	ePn	53 10.00	-0.1
SOI	4.45	283	P	53 11.40	-0.1
PHP	4.57	349	ePn	53 11.50	-1.7
LACI	4.66	343	ePn	53 13.50	-1.0
IZM	4.68	73	ePn	53 13.00	-1.8
SKO	4.78	359	ePn	53 22.00	5.9X
			i	53 58.50	
			i	54 08.00	
TDS	4.78	303	P	53 18.00	1.8
ATN	4.93	283	P	53 18.00	0.5
BRT	5.00	319	P	53 18.20	-1.1
MEU	5.29	271	P	53 22.30	-1.2
			eSn	54 25.90	
VR1	9.50	22	eP	54 24.00	1.8
VBY	9.56	332	e(P)	54 19.80	-3.2X
KHC	13.27	337	eP	55 21.50	8.2X
			e	56 20.50	
CLL	15.37	339	eP	55 45.00	4.2X
NUR	23.42	4	eP	57 23.50	11.4X
			0.6s	8.50nm	
HFS	23.51	350	eP	57 09.60	-3.4X
			0.4s	1.30nm	3.8mb
NB2	24.75	348	P	57 22.80	-2.3
			0.8s	1.80nm	3.8mb
KAF	25.12	5	eP	57 27.00	-1.6
			0.7s	3.40nm	4.1mb
KIC	38.94	224	P	59 30.40	0.2
LIC	39.21	225	P	59 32.80	0.3
GKN	53.08	80	P	01 18.20	-4.2X

S.D. = 1.1 on 30 of 39 obs.

% OCT 30, 1992 13h 57m 13.82±0.66s
 44.380 N ± 5.9km 7.365 E ± 7.4km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.5 (GEN).

STV	0.14	192	P	57 17.16	0.0
			S	57 19.75	
ENR	0.16	165	P	57 17.22	-0.3
			S	57 20.22	
PZZ	0.23	304	P	57 19.04	0.3
			S	57 22.83	
ROB	0.37	103	P	57 21.60	0.1
			S	57 27.23	
BHB	0.47	351	P	57 23.06	-0.3
			S	57 28.97	
IMI	0.60	141	P	57 26.33	0.3

S.D. = 0.3 on 6 of 6 obs.

? OCT 30, 1992 14h 15m 42.74±8.46s
 58.018 N ± 70.5km 6.280 E ± 28.1km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 2.7 (BER).

KMY	1.31	336	eP
-----	------	-----	----

S.D. = 1.2 on 59 of 109 obs.

* OCT 30, 1992 15h 09m 10.74 ± 0.86s
43.868 N ± 8.4km 18.578 E ± 10.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.8 (IIG).

PLE	0.80	132	iPgc	09 25.42	-1.0
			iSg	09 40.22	
BRY	0.97	181	iPgc	09 28.24	-1.0
			iSg	09 45.57	
NKY	1.10	164	iPg d	09 31.19	-0.3
			iSg	09 50.37	
IVA	1.39	136	iPnd	09 36.32	0.2
			iSn	09 59.85	
HCY	1.42	182	iPnc	09 36.67	0.1
			iSn	10 00.42	
TTG	1.52	161	iPnc	09 38.59	0.6
			iSn	10 03.37	
BDV	1.59	173	iPnc	09 39.68	0.6
			iSn	10 04.90	
PVY	1.63	141	iPnc	09 40.20	0.5
			iSn	10 05.94	
ULC	1.97	165	iPnd	09 44.84	0.4
			iSn	10 14.10	
PTJ	2.76	318	e(Pn)	09 55.70	-0.1
			eSn	10 22.60	
BZS	2.78	50	ePc	09 42.00	-14.1X
VBY	2.88	306	e(Pn)	09 52.80	-4.7X
			eSn	10 32.50	

S.D. = 0.7 on 10 of 12 obs.

%	OCT 30, 1992	15h	34m	28.65± 0.66s	
	42.441 N ± 5.8km		19.151 E ± 5.8km		
	DEPTH = 10.0km (geophysicist)				
	NORTHWESTERN BALKAN REGION				(383)
	ML 1.4 (TTG).				
TTG	0.08	98	iPgc	34 32.58	1.5
			iSg	34 35.58	
BDV	0.29	237	iPgd	34 34.73	0.1
			iSg	34 39.57	
NKY	0.39	343	iPgc	34 36.65	0.0
			iSg	34 43.35	
ULC	0.48	171	iPgd	34 37.95	-0.5
			iSg	34 45.26	
PVY	0.63	76	iPgd	34 40.71	-0.6
			iSg	34 50.13	
BRY	0.64	316	iPgd	34 41.72	0.1

30d 15h

IVA 0.70 52 iSg 34 51.76
 iPg 34 42.01 -0.5
 iSg 34 53.48
 S.D. = 0.9 on 7 of 7 obs.

* OCT 30, 1992 15h 50m 43.01 ± 1.44s
 37.396 N ± 13.1km 21.628 E ± 11.9km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.2 (ATH).

VLS 1.13 314 iPbd 51 04.00 -0.2
 eSb 51 23.80
 VLI 1.25 122 ePg 51 06.50 0.3
 AGG 1.72 19 eP 51 13.90 0.8
 ATH 1.75 70 ePb 51 12.80 -0.8
 KZN 2.91 2 ePb 51 34.00 3.8X
 KNT 3.89 14 eP 51 44.00 -0.1
 VAY 3.99 10 ePn 51 50.00 4.6X
 S.D. = 0.9 on 5 of 7 obs.

% OCT 30, 1992 16h 06m 29.08 ± 0.93s
 33.145 S ± 7.4km 70.850 W ± 8.0km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.4 (SAN).

PEL 0.14 90 iPd 06 32.09 -0.3
 iS 06 34.73
 ROCH 0.22 322 iP 06 34.11 0.2
 iS 06 38.11
 TACH 0.51 188 iP+ 06 38.84 -0.6
 iS 06 46.13
 PCH 0.55 149 iP 06 39.40 -1.0
 iS 06 47.63
 LCCH 0.69 241 iP 06 42.49 -0.2
 iS 06 52.38
 CHCH 0.80 168 (P) 06 46.78 2.1
 iS 06 55.84
 LNV 0.93 210 iP 06 46.53 -0.4
 iS 06 59.22
 S.D. = 1.2 on 7 of 7 obs.

? OCT 30, 1992 16h 21m 27.27 ± 2.41s
 32.527 S ± 20.1km 69.975 W ± 25.7km
 DEPTH = 120.0km (geophysicist)
 MENDOZA PROVINCE, ARGENTINA (139)
 MD 3.6 (SAN).

JACH 0.54 253 iP+ 21 45.86 0.0
 iS 22 00.96
 FCH 0.84 198 iP+ 21 48.37 -0.1
 iS 22 05.32
 PEL 0.86 224 iP+ 21 48.03 -0.3
 iS 22 05.00
 ROCH 0.98 243 iP+ 21 49.80 0.1
 iS 22 08.16
 PCH 1.18 202 iP 21 51.75 0.2
 iS 22 11.82
 TACH 1.38 215 iPd 21 53.94 0.2
 iS 22 15.06
 CHCH 1.51 202 iP 21 55.44 0.2
 iS 22 18.07
 LCCH 1.64 234 iPd 21 56.93 0.2
 iS 22 20.10
 LNV 1.86 220 iP 21 58.96 -0.5
 iS 22 23.83
 S.D. = 0.3 on 9 of 9 obs.

* OCT 30, 1992 16h 33m 37.94 ± 1.47s
 37.410 N ± 12.2km 21.738 E ± 11.1km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.4 (ATH).

VLI 1.18 125 eP 34 00.00 0.0
 VLS 1.19 310 eP 33 58.50 -1.6
 eS 34 15.50
 ATH 1.67 70 eP 34 07.20 -0.1
 AGG 1.68 16 eP 34 07.00 -0.5
 IGT 2.39 333 eP 34 27.60 9.9X
 LIT 2.75 12 eP 34 20.36 -2.5
 KEK 2.76 327 eP 34 25.00 2.0
 KZN 2.89 0 eP 34 29.00 4.0X
 PAIG 2.94 31 eP 34 26.36 0.9
 SOH 3.63 20 eP 34 35.16 -0.3
 KNT 3.85 13 eP 34 38.28 -0.3

VAY 3.96 9 ePn 34 40.00 0.0
 SRS 3.97 21 eP 34 40.52 0.3
 SKO 4.56 357 ePn 34 50.50 1.9
 S.D. = 1.4 on 12 of 14 obs.

OCT 30, 1992 16h 53m 52.59 ± 1.08s
 7.878 S ± 7.0km 107.050 E ± 6.8km
 DEPTH = 64.6 ± 8.7 km
 5.1mb (34 obs.)

JAWA, INDONESIA (277)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 22S, 30C

Centroid Location:

Origin Time 16:53:49.9 1.1

Lat 8.80S 0.08 Lon 107.00E 0.10

Dep 30.0 4.6 Half-duration 1.0

Moment Tensor: Scale 10**16 Nm

Mrr= 4.09 0.51 Mtt=-5.13 0.38

Mff= 1.05 0.79 Mrt= 5.77 1.60

Mrf=-3.45 1.14 Mtf= 0.17 0.49

Principal Axes:

T Vol= 8.18 Plg=57 Azm= 48

N 0.04 16 291

P -8.22 27 192

Best Double Couple: Mo=8.2*10**16

NP1: Strike=247 Dip=23 Slip= 44

NP2: 115 74 107

KLI 3.70 324 ePd 54 49.30 0.7

e(S) 55 46.00

e 17 01.00

SJI 4.68 89 ePd 55 03.90 1.6

eS 56 00.10

TRT 5.54 89 iPd 54 27.50 -46.9X

KHKI 8.49 94 ePc 55 54.20 -1.1

eS 57 32.00

e 01 35.00

KGM 10.51 339 ePd 56 23.80 0.8

MKS 12.62 79 iPc 56 54.40 3.2X

IPM 13.76 334 ePd 57 04.40 -1.8

PCI 14.50 62 ePd 57 22.10 6.2X

e 58 47.60

TSM 16.21 42 eP 57 43.50 5.7X

KUPT 16.51 99 eP 57 40.30 -1.2

0.9s 292.00nm 5.4mb

eS 04 56.00

KKM 16.58 34 eP 57 51.50 9.0X

NANU 16.72 152 eP 57 36.40 -7.8X

0.4s 11.00nm 4.4mb

eS 00 22.00

MBL 18.08 138 eP 57 54.00 -7.0X

eS 00 56.00

NNT 21.59 340 eP 58 37.30 -1.6X

TNE 21.99 68 eP 58 44.00 1.2

KHT 24.03 340 eP 59 00.00 -2.7X

WARB 26.05 137 eP 59 19.00 -2.8X

CHG 27.70 343 ePc 59 35.00 -1.9X

1.1s 22.78nm 4.7mb

WRA 29.02 117 P 59 48.00 -0.8

KMI 33.07 353 eP 00 24.50 -0.1

Z 15s 2.30um 5.0MsZ

QIS 33.90 115 eP 00 30.80 -0.8

GYA 34.13 359 P 00 33.40 -0.2

Z 20s 1.06um 4.6MsZ

N 16s 1.11um

E 16s 0.92um

CD2 38.69 355 eP 01 13.30 1.3

Z 16s 1.43um 4.9MsZ

QLP 39.88 122 iPc 01 22.30 0.4

0.6s 65.00nm 5.7mb

STK 40.02 131 P 01 22.70 -0.3

LSA 40.37 338 iPd 01 25.50 -0.9

1.0s 11.00nm 4.7mb

SSE 41.05 19 Pc 01 32.80 1.5

1.0s 9.00nm 4.5mb

Z 20s 0.50um 4.4MsZ

N 14s 0.30um

sP 01 49.50

NJ2 41.27 15 Pd 01 35.00 1.8

1.0s 23.00nm 4.9mb

XAN 41.72 2 P 01 36.00 -0.9

0.8s 11.00nm 4.7mb

Z 18s 1.82um 5.0MsZ

pP 01 45.00 30kmX

POO 41.97 309 iPc 01 50.00 10.8X

RMO 43.68 120 iPd 01 54.30 1.3

0.5s 5.00nm 4.6mb
 LZH 43.83 356 Pd 01 56.00 1.8
 1.5s 40.00nm 5.0mb
 Z 20s 1.14um 4.8MsZ
 N 12s 0.55um

TIA 44.87 12 Pd 02 02.60 0.2
 1.1s 29.00nm 5.0mb
 Z 28s 0.84um 4.5MsZ
 E 15s 0.44um

PcP 03 44.20
 TIY 45.63 6 eP 02 08.60 0.2
 Z 28s 1.19um 4.7MsZ
 N 14s 0.58um

CAN 47.09 132 eP 02 19.00 -1.0
 BRS 47.37 120 iPc 02 24.00 1.6
 i 02 37.00
 GTA 47.52 352 eP 02 22.80 -0.7
 1.0s 19.00nm 5.0mb
 Z 18s 1.37um 5.0MsZ
 N 17s 0.85um

PcP 03 53.60
 BTO 48.31 3 eP 02 30.00 0.5
 N 15s 1.10um
 E 15s 0.53um

BJI 48.42 9 eP 02 30.50 0.3
 1.0s 33.00nm 5.3mb
 Z 16s 0.93um 4.9MsZ
 PcP 03 56.50

HHC 48.66 5 eP 02 33.00 0.8
 1.2s 20.00nm 5.0mb
 SNY 51.73 16 Pd 02 54.50 -1.0
 MAT 52.99 31 eP 03 03.00 -2.0
 1.2s 14.06nm 4.9mb

QUE 53.98 316 eP 03 13.00 0.4
 CN2 54.07 16 P 03 11.60 -1.2
 1.0s 61.00nm 5.6mb
 Z 20s 0.61um 4.7MsZ

WMO 54.37 343 P 03 14.00 -1.1
 2.0s 34.00nm 5.0mb
 Z 20s 0.54um 4.6MsZ
 pP 03 30.00 61kmX
 PcP 04 19.00

KSH 55.19 331 P 03 20.50 -0.7
 1.0s 80.00nm 5.7mb
 Z 12s 1.27um 5.2MsZ
 eS 11 06.00

PRZ 56.53 335 iPd 03 31.00 0.1
 0.8s 60.00nm 5.7mb
 ZAK 58.11 357 eP 03 41.50 0.0
 0.9s 8.00nm 4.8mb
 Z 15s 0.88um 5.0MsZ
 N 15s 0.77um

e 04 32.00
 FRU 58.48 332 eP 03 43.50 -0.8
 1.2s 70.00nm 5.7mb
 YSS 63.17 27 eP 04 15.00 -0.9
 ELT 63.40 346 eP 04 17.00 -0.4
 2.0s 22.00nm 4.8mb
 Z 14s 0.50um 4.8MsZ

ASH 64.31 319 eP 04 23.00 -0.7
 BOD 65.76 4 iPc 04 31.80 -0.8
 MAW 66.54 197 P 04 36.40 -1.1
 BRVK 68.26 337 iPc 04 47.50 -1.0
 1.0s 58.00nm 5.5mb
 Z 18s 0.29um 4.6MsZ
 E 18s 0.25um

eS 13 45.00
 YAK 71.87 11 iPc 05 09.50 -0.8
 1.1s 130.00nm 5.8mb
 GRS 73.22 315 iPc 05 18.00 -0.9
 1.1s 50.00nm 5.4mb

ERE 74.79 315 eP 05 27.00 -0.9
 SVE 74.81 336 iPc 05 28.00 0.4
 1.5s 200.00nm 5.8mb
 Z 16s 0.50um 4.9MsZ
 N 18s 0.20um
 E 18s 0.40um

GRO 75.33 319 eP 05 31.00 0.2
 MGD 76.07 21 eP 05 34.00 -0.7
 1.0s 40.00nm 5.3mb
 KIV 77.56 318 iPc 05 43.60 0.2
 NRI 78.21 353 iPc 05 45.00 -1.3
 1.3s 60.00nm 5.4mb

TIK 80.65 7 iPc 05 59.00 -0.4
 1.0s 38.00nm 5.3mb
 e 06 05.00

OBN 85.46 327 iPc 06 15.00 1.7
 1.2s 66.00nm 5.6mb
 Z 22s 0.40um 4.8msz
 CFR 87.78 316 eP 06 37.00 1.2
 VRI 88.92 316 ePc 06 42.50 1.2
 MLR 89.37 316 ePc 06 44.50 0.9
 KAF 92.59 332 iP 06 59.10 1.2
 0.9s 15.00nm 5.4mb
 NUR 93.07 331 eP 07 07.80 7.7X
 0.7s 6.80nm 5.2mb
 GEC2 98.07 318 P 07 24.00 0.6
 0.9s 0.66nm 4.2mb
 APO 98.34 330 eP 07 24.10 0.0
 0.4s 0.90nm 4.6mb
 MEO 144.34 38 iPKPd 13 22.50 -1.0
 FNO 144.72 36 iPKPc 13 24.20 0.1
 SIO 144.99 34 ePKP 13 25.00 0.4
 e 13 39.90
 TUL 145.15 33 iPKPc 13 25.20 0.4
 0.8s 63.20nm
 e 13 40.20
 LNO 145.15 33 iPKPc 13 25.20 0.5
 i 13 39.90
 LNO2 145.15 33 iPKPc 13 25.20 0.4
 e 13 40.10
 RLO 145.38 32 ePKP 13 25.80 0.6
 e 13 40.70
 VVO 145.61 34 e(PKP) 13 26.90 1.3
 e 13 41.20
 PNJ 147.09 2 iPKP 13 30.10 2.3X
 i 13 44.50
 i 14 10.20
 GMTN 147.12 2 iPKP 13 31.30 3.4X
 LVNJ 147.17 3 ePKP 13 30.95 3.0X
 UYO 147.18 34 iPKPc 13 30.90 2.7X
 ELC 147.21 24 ePKP 13 31.38 3.3X
 MIAR 147.37 33 ePKP 13 31.34 2.8X
 OLY 147.69 29 ePKP 13 31.56 2.6X
 NAV 149.84 13 ePKP 13 37.61 5.3X
 CEH 151.56 11 ePKP 13 40.76 5.9X
 JSC 152.63 15 ePKP 13 43.35 6.9X
 CNCB 154.98 191 ePKP 13 44.00 3.1X
 S 29 08.80
 LPB 155.28 191 (PKP) 13 53.00 11.9X
 ZOBO 155.52 191 ePKP 13 36.00 -5.7X
 S.D. = 1.0 on 67 of 93 obs.

& OCT 30, 1992 17h 06m 46.54s
 60.010 N 153.822 W
 DEPTH = 161.0km
 SOUTHERN ALASKA (2)
 <AEIC>.

PDB 0.29 220 P 07 07.90 0.9
 INW 0.35 80 eP 07 07.69 0.3
 eS 07 24.69
 INE 0.38 82 P 07 07.90 0.4
 OPT 0.47 140 iP 07 08.33 0.6
 eS 07 25.40
 AUL 0.66 163 P 07 09.30 -0.9
 AUW 0.67 164 P 07 09.30 -1.0
 AUH 0.68 163 eP 07 09.49 -0.9
 AUP 0.68 162 P 07 09.80 -0.7
 AUE 0.69 161 eP 07 09.39 -1.0
 RDW 0.69 46 eP 07 09.62 -1.1
 RS1 0.70 49 P 07 09.80 -0.9
 RS2 0.70 49 eP 07 09.84 -0.9
 eS 07 28.05
 RSO 0.70 49 eP 07 09.83 -0.9
 AUI 0.71 163 eP 07 09.63 -0.9
 NCT 0.71 38 P 07 09.80 -0.9
 S 07 27.70
 REF 0.74 49 P 07 09.30 -1.7
 DFR 0.81 44 eP 07 10.13 -1.2
 eS 07 29.57
 MCNL 0.87 198 eP 07 10.54 -1.1
 RDT 0.90 51 eP 07 10.74 -1.2
 eS 07 30.11
 HOM 1.16 107 eP 07 12.22 -1.7
 eS 07 33.09
 BKG 1.31 35 eP 07 14.45 -1.1
 eS 07 36.70
 CNPM 1.40 109 iP 07 14.31 -1.9
 eS 07 36.07
 CKL 1.40 31 eP 07 15.48 -0.9
 eS 07 38.19

SVW 1.42 322 P 07 16.30 -0.2
 BGL 1.44 29 iP 07 16.18 -0.6
 CKN 1.46 33 eP 07 16.03 -0.9
 SPU 1.46 36 eP 07 15.63 -1.3
 eS 07 39.01
 CP2 1.48 31 eP 07 16.54 -0.8
 BRK 1.50 98 eP 07 14.95 -2.4
 eS 07 38.81
 CRP 1.51 32 eP 07 16.56 -0.9
 eS 07 40.43
 CGLM 1.58 34 eP 07 16.93 -1.3
 SYI 1.58 152 eP 07 15.84 -2.3
 eS 07 38.89
 SLKM 1.86 73 eP 07 19.03 -2.2
 SUA 2.10 45 eP 07 22.20 -1.8
 SEW 2.20 86 eP 07 22.72 -2.2
 SKT 2.27 28 eP 07 24.69 -1.2
 MPA 2.28 76 eP 07 24.14 -1.8
 PMS 2.44 58 P 07 25.20 -2.7
 PTE 2.53 68 eP 07 27.24 -1.7
 GH0 2.98 51 eP 07 33.54 -1.1
 KNK 2.99 60 eP 07 32.62 -2.1
 LTI 3.00 87 eP 07 32.23 -2.5
 KNIM 3.06 81 iP 07 32.52 -3.1
 GLI 3.45 72 eP 07 37.32 -3.2
 SCM 3.66 57 eP 07 42.23 -1.1
 FID 3.72 75 eP 07 40.71 -3.4
 VLZ 3.86 70 eP 07 43.56 -2.3
 RND 4.15 33 eP 07 47.43 -2.3
 KLU 4.15 66 eP 07 47.28 -2.5
 49 obs. associated

? OCT 30, 1992 18h 50m 35.52 ± 1.84s
 15.595 S ± 18.4km 173.548 W ± 23.7km
 DEPTH = 88.9 ± 17.7 km
 4.8mb (4 obs.)

TONGA ISLANDS (173)

AFI 2.40 46 P 51 14.00 0.3
 eS 51 35.00
 URZ 24.03 198 eP 55 41.30 -2.0
 QRZ 27.90 203 P 56 19.30 0.3
 LTZ 29.70 201 eP 56 37.00 1.8
 0.3s 11.00nm 5.0mb
 WRA 49.66 257 P 59 20.80 0.3
 0.7s 0.90nm 3.9mb
 ASPA 49.92 252 iPd 59 21.80 -0.6
 0.9s 10.50nm 4.9mb
 MBL 63.08 254 iPd 00 55.30 -0.8
 0.4s 4.00nm 4.7mb
 HRY 83.09 38 eP 02 51.10 -1.6
 SES 85.44 35 eP 03 03.00 -1.4
 pP 03 18.00 52kmX
 SPC 144.65 344 e(PKP) 10 03.00 -0.6
 PRU 145.07 351 ePKP 10 03.30 -0.7
 KHC 146.05 352 ePKP 10 06.50 0.7
 1.4s 14.50nm
 GEC2 146.31 351 PKP 10 07.70 1.4
 0.7s 1.24nm
 ZST 146.33 347 ePKP 10 07.50 1.3
 GRR 146.75 9 ePKP 10 08.30 1.5
 1.2s 19.05nm
 LPF 147.07 9 ePKP 10 09.60 2.3X
 1.5s 24.55nm
 CDF 147.27 359 ePKP 10 09.80 2.0X
 1.0s 4.40nm
 HAU 147.68 0 ePKP 10 10.70 2.3X
 1.2s 12.20nm
 SSF 148.53 4 ePKP 10 13.00 3.3X
 1.2s 11.30nm
 LBF 148.64 3 ePKP 10 13.20 3.2X
 1.0s 7.60nm
 SMF 148.97 3 ePKP 10 14.00 3.5X
 1.0s 7.80nm
 LSF 149.16 7 ePKP 10 13.90 3.1X
 0.9s 7.20nm
 LPL 150.17 360 ePKP 10 18.10 5.5X
 1.2s 8.95nm
 LPG 150.19 360 ePKP 10 18.30 5.6X
 1.1s 10.00nm
 LFF 150.35 8 ePKP 10 17.30 4.7X
 0.9s 12.60nm
 CAF 150.53 6 ePKP 10 17.90 5.0X
 1.1s 7.55nm
 LPO 150.66 8 ePKP 10 17.90 4.8X
 1.0s 11.00nm
 S.D. = 1.4 on 15 of 27 obs.

% OCT 30, 1992 19h 41m 15.63 ± 0.55s
 42.456 N ± 5.1km 19.113 E ± 4.5km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.0 (TTG).

TTG 0.11 103 iPgc 41 19.53 1.0
 iSg 41 22.25
 BDV 0.27 231 iPg 41 21.58 0.2
 iSg 41 26.12
 NKY 0.37 347 iPgc 41 23.53 0.3
 iSg 41 29.83
 HCY 0.46 269 iPg 41 24.86 0.0
 iSg 41 31.82
 ULC 0.50 168 iPgc 41 25.40 -0.4
 iSg 41 32.58
 BRY 0.61 317 iPg 41 27.76 -0.3
 iSg 41 37.51
 PVY 0.65 77 iPgc 41 28.15 -0.6
 iSg 41 38.43
 IVA 0.71 54 iPg 41 29.45 -0.3
 iSg 41 40.58
 S.D. = 0.6 on 8 of 8 obs.

? OCT 30, 1992 19h 57m 51.84 ± 7.21s
 37.716 N ± 18.3km 20.084 E ± 65.0km
 DEPTH = 10.0km (geophysicist)
 IONIAN SEA (399)
 MD 3.4 (ATH).

VLS 0.61 41 ePg 58 04.20 0.1
 eSg 58 13.50
 AGG 2.19 53 eP 58 28.80 -0.1
 VLI 2.49 113 ePn 58 33.00 0.0
 KZN 2.90 26 ePg 58 47.00 8.0X
 KNT 4.07 31 eP 58 55.50 0.0
 VAY 4.08 27 ePn 59 02.40 6.8X
 SKO 4.38 13 eP 59 18.50 18.7X
 S.D. = 0.1 on 4 of 7 obs.

? OCT 30, 1992 21h 06m 17.90 ± 4.24s
 37.654 S ± 17.9km 177.249 E ± 21.4km
 DEPTH = 157.1 ± 44.8 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

URZ 0.61 190 Pc 06 40.60 -0.2
 S 06 55.30
 HBZ 0.84 87 P 06 41.90 -0.4
 NOZ 1.15 147 P 06 45.50 0.7
 KUZ 1.52 306 P 06 48.70 0.2
 MNG 3.26 204 eP 07 09.20 -0.2
 S 07 47.60
 S.D. = 0.9 on 5 of 5 obs.

% OCT 30, 1992 21h 09m 53.34 ± 1.09s
 35.582 N ± 12.8km 3.698 W ± 9.7km
 DEPTH = 10.0km (geophysicist)
 STRAIT OF GIBRALTAR (385)
 mbLg 3.1 (MDD).

EMEL 0.67 115 iPg 10 06.60 0.0
 iSg 10 13.30
 MAL 1.28 333 iPd 10 16.40 -0.7
 iSg 10 32.00
 EJIF 1.68 302 iPn+ 10 22.50 -0.4
 EPRU 1.86 319 iPn+ 10 26.97 1.5
 ELUO 2.03 347 iPnd 10 28.42 0.4
 iSn 10 53.40
 EHUE 2.40 21 iPn+ 10 33.05 -0.3
 iSn 11 00.30
 EHOR 2.56 331 iPnd 10 35.67 0.1
 EVAL 3.16 310 iPnd 10 43.35 -0.8
 iSn 11 20.00
 PAB 3.99 353 ePg 11 04.00 8.1X
 eSn 11 40.50
 eSb 11 46.00
 eSg 11 57.50
 S.D. = 0.9 on 8 of 9 obs.

? OCT 30, 1992 21h 24m 45.96 ± 8.94s
 39.967 N ± 37.9km 23.859 E ± 78.2km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 ML 2.2 (THE).

PAIG 0.14 254 ePg 24 49.00 -0.3

30d 21h

SOH 0.94 336 eSg 24 52.04
 SRS 1.17 350 ePg 25 03.72 -0.1
 KNT 1.40 329 iPB 25 11.96 0.4
 eSb 25 30.88

S.D. = 0.6 on 4 of 4 obs.

% OCT 30, 1992 21h 39m 18.81 ± 0.86s
 43.091 N ± 6.5km 18.967 E ± 5.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.8 (TTG).

NKY 0.28 175 iPg 39 25.06 0.3
 BRY 0.36 239 iPg 39 26.26 -0.1
 PLE 0.39 52 iPg 39 27.00 0.1
 TTG 0.70 162 iPg 39 32.12 -0.4
 IVA 0.72 107 iPg 39 32.97 0.0
 HCY 0.73 208 iPg 39 33.18 0.0
 BDV 0.81 187 iPg 39 34.38 -0.2
 PVY 0.89 123 iPg 39 35.85 -0.1
 ULC 1.15 169 iPg 39 40.62 0.4
 iSg 39 57.47

S.D. = 0.3 on 9 of 9 obs.

OCT 30, 1992 21h 46m 28.41 ± 0.79s
 55.017 N ± 7.1km 160.556 W ± 4.1km
 DEPTH = 45.8 ± 5.2 km
 4.8mb (43 obs.) 4.2Msz (1 obs.)
 ALASKA PENINSULA (12)
 ML 4.8 (PMR), 4.7 (AEIC). Felt
 (IV) at Sand Point and (III) at
 King Cove.

SDN 0.33 6 iPnd 46 38.84 1.4
 KDC 5.25 55 ePn 47 43.93 -2.4X
 eS 48 45.61
 Lg 49 07.57
 MCNL 5.38 37 eP 47 48.56 0.3
 eS 48 54.79
 SYI 5.75 48 eP 47 53.90 0.5
 AUW 5.82 39 eP 47 55.34 1.0
 PDB 5.89 33 eP 47 56.20 0.9
 eS 49 05.90
 OPT 6.11 37 eP 47 58.97 0.5
 INW 6.45 35 eP 48 05.00 1.7
 SVW 6.64 21 ePn 48 06.05 0.1
 CNPM 6.78 44 eP 48 07.46 -0.3
 RS1 6.87 34 eP 48 10.77 1.5
 REF 6.91 34 eP 48 10.89 1.1
 CKN 7.64 32 ePn 48 19.50 -0.3
 SPU 7.64 33 ePn 48 17.71 -2.2X
 CRP 7.68 32 ePn 48 19.76 -0.8
 SLKM 7.79 41 eP 48 21.76 -0.2
 SEW 7.85 45 eP 48 21.34 -1.3
 MPA 8.11 43 eP 48 25.30 -1.0
 SUA 8.27 35 eP 48 27.19 -1.5
 TTA 8.27 15 eP 48 28.23 -0.4
 SKT 8.42 30 eP 48 30.99 0.3
 PTE 8.48 42 eP 48 30.57 -0.8
 LTI 8.48 48 eP 48 28.89 -2.5X
 PMS 8.52 38 eP 48 30.60 -1.5
 KNIM 8.69 47 eP 48 32.20 -2.2X
 PWA 8.70 36 eP 48 34.07 -0.3
 PMR 8.91 38 eP 48 37.13 -0.2
 eS 50 20.36
 KNK 9.04 40 eP 48 37.30 -1.8
 GHO 9.11 37 eP 48 38.78 -1.4
 HIN 9.24 49 eP 48 39.15 -2.9X
 GLI 9.25 45 eP 48 39.87 -2.2X
 SML 9.34 38 eP 48 40.96 -2.4X
 FID 9.43 47 eP 48 41.02 -3.6X
 VLZ 9.70 45 eP 48 46.11 -2.0X
 SCM 9.72 40 eP 48 46.42 -2.2X
 SGAM 9.86 50 eP 48 47.39 -3.0X
 ANM 9.88 348 eP 48 50.70 0.1
 KLU 10.06 44 eP 48 50.50 -2.8X
 ADK 10.12 259 eP 48 54.62 0.7

TOA 10.32 41 eP 48 54.89 -1.9X
 GLB 10.90 47 eP 49 02.03 -2.6X
 TGL 11.03 51 eP 49 04.25 -2.2X
 BALM 11.36 51 eP 49 08.32 -2.6X
 YAH 11.38 54 eP 49 08.53 -2.8X
 IMA 11.58 14 ePc 49 13.77 -0.1
 HDA 11.62 30 eP 49 10.93 -3.4X
 FBA 11.76 28 eP 49 14.17 -2.0X
 CTGM 11.78 52 eP 49 14.58 -2.1X
 SIT 14.22 71 eP 49 47.10 -1.5
 BRW 16.43 4 eP 50 18.72 1.8
 MBC 26.17 21 ePd 51 59.60 -0.1
 0.6s 7.00nm 4.4mb
 NEW 27.42 86 eP 52 11.00 -0.5
 0.9s 10.96nm 4.5mb
 TIK 33.27 327 eP 53 02.00 -0.9
 1.0s 8.00nm 4.5mb
 e 53 18.00
 DUG 34.70 95 eP 53 15.30 -0.4
 FCC 35.16 56 eP 53 21.50 2.2
 YAK 35.42 310 eP 53 20.00 -1.4
 0.9s 31.00nm 5.2mb
 RSSD 37.25 83 eP 53 36.65 -0.7
 0.7s 4.43nm 4.5mb
 ULM 38.29 69 ePc 53 47.50 1.8
 BOD 44.25 310 eP 54 34.00 -0.6
 0.8s 10.00nm 4.6mb
 MAT 44.94 272 eP 54 39.00 -1.4
 0.8s 7.46nm 4.6mb
 DAG 46.27 11 iPd 54 50.00 -0.3
 0.8s 26.87nm 5.2mb
 JAO 46.46 55 eP 54 51.50 -0.6
 CN2 47.25 289 eP 54 58.00 -0.5
 1.0s 6.10nm 4.5mb
 Z 20s 0.24um 4.2Msz
 EEO 49.36 64 eP 55 16.00 1.1
 LMN 57.02 56 ePd 56 12.50 0.9
 SDF 57.77 357 iP 56 15.40 -1.1
 TIY 58.55 292 eP 56 18.30 -4.1X
 ELT 58.85 320 eP 56 24.00 -0.2
 1.0s 17.00nm 5.1mb
 KAF 63.09 356 iP 56 51.50 -1.2
 0.4s 18.90nm 5.6mb
 XAN 63.18 291 P 56 53.20 -0.6
 0.8s 5.50nm 4.7mb
 GTA 63.75 302 P 56 56.50 -1.1
 1.2s 11.00nm 4.8mb
 NB2 64.10 4 P 56 58.20 -1.3
 0.7s 9.30nm 4.9mb
 LZH 64.29 297 Pd 57 00.90 -0.3
 1.5s 30.00nm 5.1mb
 BRVK 64.39 329 iPc 57 01.00 -0.4
 0.9s 15.00nm 5.0mb
 NUR 64.75 357 iP 57 02.70 -0.9
 0.4s 13.10nm 5.3mb
 HFS 65.11 3 eP 57 04.40 -1.5
 0.5s 6.60nm 4.9mb
 Z 17s 24.00um 6.5MszX
 LR 25 49.00
 LR 28 04.00
 WMO 65.82 313 P 57 11.00 0.1
 1.0s 14.00nm 5.0mb
 pP 57 27.50 61kmX
 CD2 68.36 293 iPd 57 27.30 0.3
 1.0s 28.00nm 5.2mb
 EKA 68.46 14 Pd 57 27.30 0.1
 0.7s 8.70nm 4.9mb
 GYA 70.29 288 P 57 38.80 -0.2
 pP 57 50.60 40kmX
 CLL 73.91 4 iP 58 00.00 0.2
 1.1s 14.00nm 4.8mb
 i 58 14.90
 BRG 74.38 4 eP 58 02.20 -0.4
 1.0s 10.00nm 4.7mb
 KSP 74.48 2 eP 58 03.50 0.3
 MOX 74.50 5 eP 58 03.70 0.3
 1.7s 20.00nm 4.8mb
 PRU 75.29 3 ePc 58 08.00 0.2
 GRF 75.44 6 eP 58 09.30 0.6
 1.3s 13.00nm 4.7mb
 LSA 75.78 302 P 58 12.00 0.4
 LPF 75.89 14 eP 58 11.50 0.2
 0.6s 8.50nm 4.9mb
 VRAC 76.02 2 eP 58 12.00 0.1
 1.6s 58.90nm 5.3mb
 KHC 76.11 4 P 58 13.40 0.8
 1.0s 6.10nm 4.5mb

SPC 76.16 359 eP 58 28.50 1.1
 GEC2 76.40 4 P 58 14.50 0.2
 0.8s 2.01nm 4.2mb
 CDF 76.44 8 eP 58 14.60 0.1
 HAU 76.76 9 iPc 58 16.50 0.3
 0.7s 5.20nm 4.7mb
 BSF 76.97 9 eP 58 17.60 0.1
 1.1s 8.80nm 4.7mb
 ZST 77.14 2 i(P) 58 18.10 -0.2
 LOR 77.24 11 iPc 58 19.00 0.1
 0.7s 4.20nm 4.6mb
 SSF 77.41 11 iPc 58 20.10 0.3
 0.5s 5.90nm 4.9mb
 MFF 77.41 14 iPc 58 20.30 0.5
 0.8s 11.80nm 5.0mb
 LBF 77.54 11 iPc 58 20.50 0.0
 0.5s 2.60nm 4.5mb
 AVF 77.66 11 iPc 58 21.20 0.1
 0.6s 4.50nm 4.7mb
 BGF 77.83 12 eP 58 22.20 0.1
 0.7s 4.20nm 4.6mb
 SMF 77.86 11 iPc 58 22.20 -0.1
 0.6s 4.25nm 4.7mb
 LSF 77.97 13 iPc 58 23.10 0.2
 0.8s 10.35nm 4.9mb
 MAF 78.13 12 eP 58 24.10 0.3
 KBA 78.15 4 iPc 58 24.80 0.7
 0.9s 12.90nm 4.9mb
 LFF 79.16 13 eP 58 29.90 0.5
 0.7s 10.70nm 4.9mb
 PYA 79.30 343 iP 58 31.00 0.8
 KIV 79.44 343 iPc 58 31.70 0.6
 ASH 81.59 330 eP 58 42.00 -0.3
 MAIO 82.78 328 iPc 58 50.00 1.3
 ERE 82.78 341 iP 58 51.00 2.3
 GRS 83.08 339 iPc 58 51.00 0.7
 1.1s 20.00nm 5.1mb
 SKO 83.37 359 eP 58 52.00 0.4
 HYB 92.24 305 eP 59 34.50 -0.1
 e 59 45.80
 WRA 92.81 239 P 59 37.20 0.2
 0.8s 0.40nm 3.9mb
 GBA 96.07 304 P 00 03.00 10.8X
 BUL 144.50 345 iPKPd 05 59.90 -1.4
 SPA 144.84 180 iPKPc 06 09.90 9.4X
 1.2s 21.83nm

S.D. = 0.9 on 96 of 119 obs.

? OCT 30, 1992 21h 54m 25.65 ± 1.77s
 29.582 S ± 19.6km 70.203 W ± 13.9km
 DEPTH = 120.0km (geophysicist)
 CENTRAL CHILE (136)
 TLL 0.78 222 iPc 54 46.00 -0.3
 RTCV 2.69 148 ePd 55 09.50 1.0
 CYA 4.02 75 eP 55 27.00 0.5
 MRA 4.78 127 eP 55 36.30 -0.3
 TCA 5.15 111 iP 55 40.90 -0.9
 i 56 38.00
 (S) 56 52.00

S.D. = 1.1 on 5 of 5 obs.

? OCT 30, 1992 22h 57m 07.38 ± 5.61s
 33.814 S ± 18.1km 69.889 W ± 37.4km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).
 PCH 0.56 290 iP+ 57 18.62 -0.1
 iS 57 26.52
 FCH 0.59 325 iP+ 57 19.22 -0.3
 iS 57 28.01
 CHCH 0.65 259 iPd 57 20.13 -0.2
 iS 57 28.91
 TACH 0.89 280 iP 57 24.49 0.0
 iS 57 36.42
 PEL 0.94 315 iPd 57 25.40 0.0
 iS 57 38.55
 ROCH 1.26 312 iP 57 30.98 0.0
 iS 57 48.55
 JACH 1.27 332 iP 57 31.01 -0.1
 iS 57 48.18
 LNV 1.27 263 iPd 57 30.84 -0.2
 iS 57 47.64
 LCCH 1.44 283 iPd 57 33.88 0.4
 iS 57 52.50

S.D. = 0.2 on 9 of 9 obs.
 ? OCT 30, 1992 23h 13m 53.69±9.84s
 36.356 S ±73.4km 71.952 W ±52.7km
 DEPTH = 140.0km (geophysicist)
 CENTRAL CHILE (136)
 MD 4.0 (SAN).

LNV	2.44	11	iP+	14	34.58	0.6
			iS	15	01.65	
CHCH	2.64	24	iP+	14	36.54	-0.1
			iS	15	06.02	
TACH	2.82	17	iPd	14	38.73	-0.2
			iS	15	09.36	
LCCH	2.89	6	iP+	14	39.37	-0.5
			iS	15	11.85	
PCH	2.97	24	iP	14	40.90	-0.1
			iS	15	13.77	
RFA	3.25	62	ePc	14	44.60	0.0
FCH	3.32	25	iP+	14	46.00	0.3
			iS	15	22.09	
PEL	3.37	18	iP	14	46.15	0.0
			iS	15	22.82	
ROCH	3.46	13	iP+	14	47.72	0.2
			iS	15	24.94	
JACH	3.83	17	iP	14	52.21	-0.1
			iS	15	33.25	

S.D. = 0.3 on 10 of 10 obs.

& OCT 30, 1992 23h 39m 00.53s
 63.028 N 149.620 W
 DEPTH = 90.0km
 CENTRAL ALASKA (1)
 <AEIC>.

HUR	0.05	188	eP	39	13.08	1.5
			eS	39	22.97	
RND	0.51	42	iP	39	15.51	-0.2
			eS	39	26.58	
TRF	0.52	325	eP	39	15.95	0.1
			eS	39	27.79	
MCK	0.77	23	eP	39	17.92	-0.1
			eS	39	30.56	
KTH	0.79	312	eP	39	18.38	0.1
			eS	39	31.56	
GHO	1.30	165	iP	39	24.26	0.0
			eS	39	42.68	
SML	1.36	153	eP	39	24.65	-0.3
			eS	39	43.42	
SKT	1.38	221	eP	39	24.71	-0.4
			eS	39	43.21	
PWA	1.39	185	eP	39	25.41	0.2
PLRM	1.46	171	eP	39	25.95	-0.2
NEA	1.57	9	eP	39	26.88	-0.8
			S	39	46.76	
WRH	1.60	24	eP	39	27.38	-0.6
			S	39	47.82	
SCM	1.60	137	eP	39	27.72	-0.4
SUA	1.66	199	eP	39	29.14	0.3
KNK	1.71	161	eP	39	29.07	-0.4
			S	39	51.75	
PMS	1.79	179	eP	39	31.38	0.9
THY	1.79	76	eP	39	31.36	0.8
CCB	1.81	26	eP	39	30.03	-0.7
HDA	1.82	39	eP	39	30.45	-0.5
TOA	1.85	119	eP	39	31.48	0.2
DDM	1.85	64	eP	39	31.82	0.4
PAX	1.90	90	eP	39	31.95	0.0
SDG	1.94	103	eP	39	32.40	-0.1
FBA	2.05	22	eP	39	33.31	-0.5
CGLM	2.06	214	eP	39	33.90	-0.2
SPU	2.18	213	eP	39	35.97	0.3
			eS	40	04.16	
PTE	2.19	172	eP	39	35.63	-0.1
BGL	2.20	218	eP	39	36.66	0.6
GLM	2.20	26	iP	39	35.33	-0.7
CKL	2.24	216	eP	39	36.42	-0.2
KLU	2.32	130	eP	39	36.37	-1.3
BKG	2.33	214	eP	39	37.52	-0.2
VLZ	2.45	139	eP	39	37.54	-1.8
GLI	2.46	150	eP	39	37.79	-1.8
FID	2.73	146	eP	39	41.26	-1.9
TTA	2.92	271	eP	39	45.16	-0.7
SEW	2.94	178	eP	39	45.56	-0.4
MIN	3.03	149	eP	39	45.21	-2.1
LTI	3.12	163	eP	39	46.82	-1.6
GLB	3.15	118	eP	39	47.97	-1.0

SVW 3.42 238 eP 39 51.90 -0.8
 IMA 3.52 332 eP 39 53.84 -0.3
 CNPM 3.60 193 eP 39 54.32 -0.9
 BALM 3.97 117 eP 39 58.41 -1.9
 44 obs. associated

? OCT 31, 1992 00h 51m 40.14±3.98s
 34.694 S ±38.9km 70.859 W ±16.7km
 DEPTH = 100.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.8 (SAN).

CHCH	0.78	13	iP+	51	58.53	-0.1
			iS	52	12.94	
LNV	0.87	328	iP+	51	59.39	0.0
			iS	52	14.23	
TACH	1.04	356	iP+	52	01.28	0.0
			iS	52	17.37	
PCH	1.11	15	iP+	52	02.21	0.0
			iS	52	18.66	
LCCH	1.35	334	iP+	52	04.94	0.0
			iS	52	23.52	
FCH	1.44	19	iP+	52	06.38	0.0
			iS	52	26.12	
PEL	1.55	5	iPd	52	07.74	0.2
			iS	52	28.14	
ROCH	1.72	356	iPd	52	09.73	-0.1
			iS	52	31.90	
JACH	2.02	6	iPd	52	13.49	-0.1
			iS	52	38.82	

S.D. = 0.1 on 9 of 9 obs.

* OCT 31, 1992 01h 42m 31.89±2.61s
 7.501 S ±14.4km 128.087 E ±15.5km
 DEPTH = 177.8 ±25.4 km
 5.2mb (5 obs.)
 BANDA SEA (280)

KUPT	5.15	239	eP	43	50.00	1.5
			eS	44	43.50	
KNA	8.23	175	iPd	44	26.00	-3.1X
			eS	45	51.00	
WB2	13.78	154	eP	45	36.60	-4.5X
	0.3s	49.10nm			5.4mb X	
MBL	15.75	210	eP	46	03.50	-2.0
			eS	48	47.00	
ASPA	17.02	161	iPd	46	20.40	-0.6
	0.7s	125.30nm			5.4mb	
QIS	17.11	141	eP	46	20.60	-1.5
			eS	49	21.00	
NANU	19.25	218	eP	46	43.50	-1.4
WEEK	21.06	204	eP	47	03.00	-0.2
FORT	23.16	180	eP	47	25.30	1.7
	0.4s	12.00nm			4.8mb	
QLP	24.41	143	eP	47	37.30	1.8
	0.6s	74.00nm			5.4mb	
MRWA	24.42	206	eP	47	37.00	1.4
	0.3s	2.00nm			4.2mb	
			eS	52	08.00	
MUN	26.75	203	eP	47	59.70	2.8X
			eS	53	00.00	
CHG	38.85	313	eP	49	45.00	3.4X
GUN	53.87	313	P	51	39.32	-0.1
PKI	54.03	312	P	51	40.52	-0.1
KKN	54.24	312	P	51	42.00	0.0
DMN	54.27	312	P	51	42.36	0.1
GKN	54.83	312	P	51	45.64	-0.6
	0.3s	17.00nm			5.3mb	

S.D. = 1.4 on 14 of 18 obs.

% OCT 31, 1992 01h 48m 02.04±0.52s
 42.446 N ±4.6km 19.121 E ±4.3km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.9 (TTG).

TTG	0.10	99	iPg	48	05.95	1.2
			iSg	48	08.87	
BDV	0.27	233	iPg	48	08.02	0.3
			iSg	48	12.77	
NKY	0.38	346	iPg	48	09.92	0.1
			iSg	48	16.45	
HCY	0.46	270	iPg	48	11.37	0.0
			iSg	48	18.62	
ULC	0.49	169	iPg	48	11.52	-0.5

BRY	0.62	317	iPg	48	14.49	-0.2
			iSg	48	24.22	
PVY	0.65	76	iPg	48	14.55	-0.5
			iSg	48	24.47	
IVA	0.71	53	iPg	48	15.80	-0.4
			iSg	48	26.74	
PLE	0.91	13	iPg	48	19.60	0.1
			iSg	48	33.43	

S.D. = 0.6 on 9 of 9 obs.

* OCT 31, 1992 01h 56m 05.24±0.80s
 27.652 N ±13.0km 93.158 E ±8.2km
 DEPTH = 33.0km (normal)
 4.4mb (4 obs.)
 NORTHEASTERN INDIA (317)

GUN	6.45	274	P	57	41.52	0.7
PKI	6.88	271	P	57	46.60	-0.1
KKN	6.98	273	P	57	47.98	-0.1
DMN	7.14	272	P	57	49.48	-0.9
GKN	7.55	275	P	57	55.62	-0.4
HYB	16.89	236	eP	00	01.30	0.5
GBA	20.26	230	P	00	45.00	4.3X
			S	05	21.00	
HFS	61.26	326	eP	06	19.20	0.0
	0.4s	3.20nm			4.8mb	
WRA	61.87	135	P	06	23.50	-0.3
	0.7s	1.20nm			4.1mb	
NB2	62.37	327	P	06	26.70	0.0
	0.7s	2.60nm			4.5mb	
GEC2	63.01	313	P	06	31.80	0.6
	0.5s	1.30nm			4.3mb	

S.D. = 0.6 on 10 of 11 obs.

% OCT 31, 1992 02h 29m 04.11±0.77s
 42.632 N ±6.2km 13.075 E ±8.6km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)

AQU	0.37	139	P	29	11.20	-0.5
			eSg	29	17.30	
MNS	0.38	230	Pc	29	11.90	-0.1
			eSg	29	19.40	
ASS	0.53	325	P	29	14.90	0.0
			eSg	29	23.30	
ARV	0.87	354	P	29	20.90	0.0
			eSg	29	34.30	
SDI	1.08	149	P	29	25.00	0.6
			eSg	29	41.00	

S.D. = 0.6 on 5 of 5 obs.

* OCT 31, 1992 02h 57m 57.79±1.74s
 51.080 N ±21.8km 15.802 E ±6.4km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 ML 3.2 (GRF), 3.1 (VIE).

KSP	0.39	127	iPd	58	05.00	-0.8
	0.5s	52.00nm				
			iS	58	13.90	
			e	58	22.00	
BRG	1.19	261	iPg			

31d 02h

ZST 3.01 163 eP 59 43.30 57.0X
GRF 3.24 246 ePn 58 48.80 -0.9
ePg 59 02.40
eSg 59 47.40
S.D. = 0.9 on 6 of 11 obs.

% OCT 31, 1992 04h 43m 29.69 ± 0.75s
42.630 N ± 6.1km 13.094 E ± 8.4km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

AQU 0.36 140 P 43 36.90 -0.2
eSg 43 42.70

MNS 0.39 231 Pc 43 37.80 0.1
eSg 43 45.50

ASS 0.54 324 P 43 40.50 -0.2
eSg 43 48.90

ARV 0.87 353 P 43 46.70 0.2
eSg 44 00.30

SDI 1.07 150 P 43 50.00 0.2
eSg 44 07.00

S.D. = 0.3 on 5 of 5 obs.

OCT 31, 1992 05h 14m 59.53 ± 0.20s
6.869 N ± 3.5km 126.941 E ± 5.5km
DEPTH = 48.0km (6 depth phases)
4.9mb (42 obs.) 4.3Msz (9 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

MNI 5.78 201 eP 16 25.60 0.6
TSM 9.38 255 ePc 17 20.20 5.2X

KKM 10.69 266 ePd 17 40.00 6.9X

MKS 14.13 212 iPc 18 22.50 3.7X

GUMO 18.85 68 e(P) 19 12.70 -5.8X

TRT 20.33 225 ePd 19 15.60 -18.8X

QIZ 20.56 308 eP 19 38.00 1.1
N 14s 1.02um

KNA 22.55 175 iPd 19 56.80 0.0

KAGJ 24.47 8 P 20 16.00 0.6

SSE 24.70 348 eP 20 12.00 -5.5X
Z 20s 0.90um 4.3Msz

KLJ 24.93 243 eP 20 23.00 3.0X

KUMJ 25.79 8 eP 20 27.50 -0.3

IPM 25.88 266 ePd 20 30.40 1.5
0.6s 15.80nm 4.7mb

SNG 26.13 272 eP 20 33.00 1.9

LOE 26.74 295 eP 20 37.60 0.8

SHNJ 27.39 8 P 20 42.30 -0.2

GYA 27.43 318 P 20 43.60 0.5
N 18s 2.22um
E 18s 1.28um

NST 27.68 291 eP 20 50.00 4.7X

MBL 28.71 194 eP 20 53.00 -1.5

KMI 29.41 311 eP 21 02.50 1.4

CHG 29.71 296 eP 21 03.80 0.2
Z 20s 0.90um 4.4Msz
0.9s 9.03nm 4.5mb

QIS 29.96 156 eP 21 03.90 -1.9
0.3s 3.00nm 4.5mb

ASPA 31.10 168 iPc 21 14.70 -1.1
1.0s 9.60nm 4.5mb

XAN 31.76 331 P 21 20.00 -1.5
1.0s 6.50nm 4.4mb

Z 22s 0.63um 4.3Msz
pP 21 32.70 49km

CD2 32.30 321 eP 21 25.80 -0.5

WARB 32.86 180 eP 21 30.00 -1.1

TIY 33.41 339 eP 21 35.00 -0.9
Z 24s 0.94um 4.4Msz
N 12s 0.44um

MEEK 34.27 193 eP 21 42.30 -1.1

BJI 34.41 345 eP 21 43.50 -0.9
Z 24s 0.45um 4.1Msz
34.94 356 eP 21 48.60 -0.3

SNY 1.0s 18.00nm 5.0mb
Z 20s 0.49um 4.3Msz
sP 22 01.60
S 27 20.00

LZH 35.95 327 eP 21 57.00 -0.8
1.5s 19.00nm 4.8mb
Z 20s 0.74um 4.5Msz
E 12s 0.38um

HHC 36.52 340 P 22 02.80 0.4
0.9s 10.00nm 4.7mb
Z 17s 0.72um 4.5Msz

CN2 36.81 358 eP 22 08.60 4.0X
1.0s 3.70nm 4.3mb
Z 20s 0.48um 4.3Msz

BTO 36.84 338 eP 22 14.00 18kmX
N 13s 0.26um
E 13s 0.32um

MRWA 37.39 196 eP 22 09.50 -0.2
0.6s 8.00nm 4.8mb

FORT 37.45 178 eP 22 09.80 -0.3
MDJ 37.67 3 iPd 22 13.10 1.2
1.0s 55.00nm 5.4mb

MUN 39.96 194 eP 22 31.00 -0.1
0.7s 25.00nm 5.1mb

GTA 40.56 327 eP 22 36.00 -0.1
1.0s 14.00nm 4.7mb

Z 22s 0.88um 4.6Msz
LSA 40.60 309 P 22 38.40 1.4

STK 40.99 161 eP 22 38.30 -1.3
0.8s 8.00nm 4.5mb

RKG 42.27 192 eP 22 51.20 1.2
0.5s 7.00nm 4.6mb

GUN 44.12 303 P 23 05.54 -0.1
0.8s 60.00nm 5.4mb

PKI 44.40 303 P 23 07.42 -0.5
0.8s 27.00nm 5.1mb

KKN 44.58 303 P 23 08.58 -0.6
0.8s 43.00nm 5.3mb

DMN 44.66 303 P 23 09.58 -0.4
0.9s 59.00nm 5.4mb

GKN 45.18 303 P 23 13.14 -0.8
1.0s 34.00nm 5.2mb

BWA 45.82 155 eP 23 20.10 1.4
eP 23 31.60 41km

BFD 46.18 163 eP 23 22.00 0.6

CIT 46.32 349 eP 23 23.50 1.1

CAN 46.83 155 eP 23 27.00 0.3

ZAK 47.66 340 eP 23 42.00 9.1X
1.6s 11.00nm 4.6mb

DZM 48.22 128 iPd 23 38.00 0.2

HYB 48.33 287 eP 23 38.50 -0.2
e 23 51.60 48km

GBA 49.10 282 P 23 45.00 0.4

BOD 51.81 351 eP 24 04.50 -0.2
2.0s 30.00nm 5.0mb

POO 52.89 288 iPd 24 12.60 -0.8

MGD 56.10 14 eP 24 35.20 -0.9
0.7s 80.00nm 5.9mb

ELT 56.81 332 iPd 24 40.10 -1.1
1.4s 19.00nm 4.9mb

TIK 64.71 1 iPc 25 33.00 -1.5
1.3s 42.00nm 5.3mb

Z 20s 0.40um 4.6Msz
BRVK 64.90 326 iPc 25 35.00 -1.1

1.0s 28.00nm 5.3mb

Z 18s 0.19um 4.3Msz

N 18s 0.14um

E 16s 0.11um
NRI 67.37 346 eP 25 49.00 -2.6

MAIO 67.81 306 iPc 25 55.00 -0.1
0.9s 8.95nm 4.8mb

SVE 71.42 328 iPc 26 16.00 -0.6
2.2s 60.00nm 5.1mb

ARU 72.39 327 eP 26 23.00 0.6

SVW 77.95 29 eP 26 55.33 1.3
0.8s 21.20nm 5.2mb

GRS 78.43 309 iPc 26 58.00 0.7
1.3s 40.00nm 5.2mb

IMA 79.45 24 eP 27 03.21 0.9
0.9s 3.89nm 4.3mb

SLKM 80.53 30 eP 27 08.89 0.9

PYA 80.87 313 iPd 27 10.00 -0.2
i 27 24.00 48km

PMS 80.89 29 eP 27 10.20 0.3

PMR 81.11 29 eP 27 10.81 -0.1
1.1s 19.19nm 5.0mb

FBA 81.81 25 eP 27 14.53 -0.1
0.9s 4.69nm 4.5mb

TOA 82.52 28 eP 27 28.15 47km

MOS 83.99 325 eP 27 33.00 7.1X

BALM 84.39 29 eP 27 50.00 60kmX
OBN 84.62 325 iPc 27 28.37 0.3

1.1s 47.00nm 5.5mb

MBC 88.86 13 eP 27 38.00 28kmX
1.0s 8.00nm 5.0mb

KAF 88.93 332 iP 27 49.40 -0.6
0.7s 4.00nm 4.9mb

NUR 90.08 331 iP 28 03.70 8.3X
0.7s 12.00nm 5.3mb

DAG 94.21 353 iP 28 13.90 -0.3
0.8s 10.45nm 5.3mb

UZH 94.45 320 ePc 28 16.50 0.7
1.0s 20.00nm 5.5mb

HFS 95.35 332 eP 28 17.80 -1.9
0.6s 1.40nm 4.6mb

Z 17s 96.00um 7.3Msz
LR 11 47.00

OJC 95.56 322 eP 28 21.00 0.1

NB2 96.08 334 P 28 21.60 -1.6
0.9s 3.30nm 4.9mb

VAY 96.17 313 eP 28 23.30 -0.5

KSP 97.48 323 eP 28 29.60 0.1

BRG 98.85 324 e(P) 28 35.20 -0.5
e 28 43.80 27kmX

KHC 99.73 322 eP 28 39.50 -0.4

GEC2 99.77 322 Pd 28 40.40 0.3
0.9s 2.59nm 4.8mb

ALO 114.75 47 ePKP 33 38.65 1.4

UYO 123.45 41 iPKPd 33 53.50 -0.1

MIAR 123.78 40 ePKPc 33 55.23 1.0

ELC 124.59 35 ePKP 33 55.97 0.3

KIC 130.03 284 PKP 34 07.30 0.5

TIC 130.23 285 PKP 34 07.60 0.4

LIC 130.34 284 PKP 34 08.00 0.6

CNCB 162.38 125 ePKP 35 00.00 1.6

LPB 162.43 124 PKP 34 59.00 0.7

ZOBO 162.53 124 PKP 34 59.00 0.3
S.D. = 0.9 on 88 of 100 obs.

* OCT 31, 1992 05h 19m 06.61 ± 1.70s
37.257 N ± 13.2km 21.536 E ± 12.6km
DEPTH = 10.0km (geophysicist)
3.5mb (1 obs.)

SOUTHERN GREECE (368)
ML 3.4 (ATH).

VLS 1.19 321 ePb 19 29.00 0.3
eSb 19 46.10

VLI 1.24 115 iPbd 19 29.50 -0.2

AGG 1.87 19 eP 19 38.84 -0.1

ATH 1.87 67 ePb 19 39.00 0.1
eSb 20 00.00

IGT 2.46 338 eP 19 55.96 8.6X

KEK 2.81 331 ePb 20 01.50 9.2X

LIT 2.94 14 eP 19 58.00 3.8X

KZN 3.05 3 ePb 19 59.60 3.8X

GRG 3.75 10 eP 20 06.12 0.3

SOH 3.83 21 eP 20 08.48 1.6

NPS 3.85 120 ePb 20 13.00 5.8X

KNT 4.04 15 eP 20 09.48 -0.3

VAY 4.14 11 ePn 20 10.00 -1.1

SKO 4.71 359 e(Pn) 20 18.50 -0.9

HFS 23.44 350 eP 24 10.90 -5.6X
0.4s 0.70nm 3.5mb

S.D. = 0.9 on 9 of 15 obs.

? OCT 31, 1992 05h 20m 25.86 ± 7.67s
42.379 N ± 146.km 148.213 E ± 17.6km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.)

OFF COAST OF HOKKAIDO, JAPAN (225)

KUSJ 2.68 287 eP 21 09.70 -0.1
eS 21 31.10

HOOJ 3.65 272 eP 21 30.20 6.7X
eS 22 06.20

ASAJ 4.43 295 eP 21 34.70 0.1

KAF 65.89 334 eP 31 12.20 -1.2
0.4s 2.20nm 4.7mb

NUR 67.61 334 iP 31 24.60 0.2
0.4s 2.50nm 4.8mb

NB2 71.16 339 P 31 47.10 0.8
0.7s 3.60nm 4.6mb

HFS 71.25 338 eP 31 46.90 0.1
0.4s 3.90nm 4.8mb

S.D. = 0.9 on 6 of 7 obs.
 ? OCT. 31, 1992 05h 22m 21.19±1.98s
 37.202 N ±18.7km 21.527 E ±15.2km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.5 (ATH).

VLS	1.23	323	iPd	22	44.00	0.0
			eSn	23	01.00	
VLI	1.23	113	ePn	22	44.00	0.0
ATH	1.90	65	ePn	22	54.00	0.1
			eSn	23	20.00	
LIT	2.99	14	eP	23	14.40	4.9X
KZN	3.11	3	ePb	23	15.00	3.8X
KNT	4.10	15	eP	23	25.10	-0.1
VAY	4.19	11	ePn	23	20.40	-6.1X

S.D. = 0.1 on 4 of 7 obs.
 OCT 31, 1992 05h 53m 35.76±0.77s
 57.261 N ± 6.8km 142.952 W ± 2.7km
 DEPTH = 10.0km (geophysicist)
 GULF OF ALASKA (15)
 ML 3.1 (AEIC), 3.2 (PGC).

KAIM	2.78	345	ePd	54	21.44	0.3
			eS	54	51.59	
MID	2.81	322	eP	54	22.31	0.8
WRG	2.83	9	ePd	54	22.30	0.5
CYK	2.84	5	eP	54	22.20	0.3
			S	54	52.58	
SNH	2.93	1	iPd	54	23.71	0.5
			eS	54	55.94	
PNL	3.05	36	iPd	54	24.93	0.0
HON	3.07	43	ePd	54	24.85	-0.3
HMT	3.16	348	iPd	54	26.64	0.2
			eS	55	01.01	
PCA	3.17	25	iPd	54	26.91	0.2
YAH	3.17	11	iPd	54	27.49	0.6
WAX	3.20	1	iPd	54	27.05	-0.1
BCPM	3.21	31	iPd	54	27.14	0.0
			eS	55	02.71	
RAGM	3.26	345	ePd	54	27.99	0.0
SGAM	3.45	341	ePc	54	31.01	0.4
TGL	3.51	1	ePd	54	31.60	0.1
CROM	3.51	358	iPd	54	31.60	0.0
CVA	3.60	337	eP	54	32.36	-0.3
HIN	3.65	331	eP	54	33.64	0.2
LTJ	3.78	319	ePc	54	35.49	0.1
BALM	3.80	4	iPd	54	35.89	0.2
CTGM	3.81	12	ePd	54	35.92	0.1
FID	3.95	334	eP	54	37.59	0.0
KNIM	3.97	323	eP	54	37.60	-0.4
PLBC	4.11	55	P	54	39.30	-0.6
			S	55	24.50	
GLI	4.21	331	eP	54	41.26	-0.2
GLB	4.22	354	ePd	54	41.25	-0.3
VLZ	4.25	337	eP	54	41.32	-0.6
SEW	4.43	313	eP	54	44.01	-0.4
KLU	4.51	342	eP	54	44.42	-1.3
HYT	4.55	36	P	54	46.50	0.2
MPA	4.64	317	eP	54	47.27	-0.2
PTE	4.78	322	eP	54	49.33	-0.2
8RLK	4.86	304	eP	54	50.57	-0.1
CNPM	4.91	301	ePc	54	51.03	-0.4
SLKM	4.98	314	eP	54	51.88	-0.5
KNK	5.03	328	eP	54	53.17	0.2
KDC	5.17	279	eP	54	55.27	0.4
SYI	5.21	289	eP	54	56.53	1.0
INE	5.98	302	eP	55	06.06	-0.4
REF	6.00	307	eP	55	06.62	-0.3
SPU	6.10	314	eP	55	08.19	0.0
CGLM	6.16	315	eP	55	09.36	0.3

S.D. = 0.4 on 42 of 42 obs.
 * OCT 31, 1992 06h 13m 38.36±1.96s
 33.610 S ± 7.8km 71.478 W ±12.4km
 DEPTH = 65.3 ± 17.4 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.2 (SAN).

LCCH	0.15	330	iPd	13	48.98	0.5
LNV	0.35	171	iPd	13	50.21	0.7
TACH	0.45	96	iPd	13	50.16	-0.3
IHA	0.60	347	eP	13	50.90	-1.0
			iS	14	00.80	
SAN	0.70	77	iPd	13	52.90	-0.3

ROCH	0.75	32	iPd	14	02.48	
CHCH	0.76	115	iPd	13	53.92	0.0
PCH	0.80	91	iPd	13	54.12	-0.4
PEL	0.81	55	iPd	13	54.63	0.1
			iS	14	04.83	
FCH	1.03	74	iPd	13	57.52	-0.1
JACH	1.19	39	iPd	13	59.63	0.2
			iS	14	14.73	
MDZ	2.32	73	eP	14	15.90	0.9
			i	14	21.20	
			iS	14	30.50	
RFA	2.75	116	ePd	14	20.30	-0.8
			(S)	14	58.00	
ZON	3.13	50	eP	14	27.00	0.5

S.D. = 0.6 on 14 of 14 obs.
 * OCT 31, 1992 06h 35m 29.55±1.00s
 11.496 S ± 8.2km 118.945 E ±22.8km
 DEPTH = 33.0km (normal)
 4.1mb (2 obs.)
 SOUTH OF SUMBAWA, INDONESIA (291)

MKS	6.26	5	iPd	37	02.00	0.0
MBL	9.65	175	eP	37	48.50	-0.7
			eS	39	37.00	
NANU	11.48	196	eP	38	08.30	-5.9X
	0.3s		7.00nm		5.3mb X	
			eS	40	20.00	
MEEK	15.07	181	eP	39	02.50	0.7
			eS	41	52.00	
WARB	16.32	155	eP	39	21.30	3.4X
			eS	42	37.00	
MRWA	17.85	188	eP	39	37.00	0.0
	0.4s		4.00nm		3.9mb	
			eS	42	51.00	
ASPA	18.68	132	iPd	39	47.50	0.1
	0.5s		10.80nm		4.3mb	
			eS	43	38.50	
MUN	20.54	187	eP	40	12.70	4.8X
			eS	43	57.00	

S.D. = 0.7 on 5 of 8 obs.
 * OCT 31, 1992 06h 42m 51.54±0.93s
 39.327 N ± 7.1km 0.639 W ±10.1km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 3.0 (MDD).

ECHE	0.37	316	iPgc	42	59.79	0.7
			eSg	43	06.20	
ACU	0.83	168	ePg	43	08.31	0.6
			eSg	43	20.00	
EVIA	1.61	245	ePn	43	19.66	-0.5
			eSn	43	40.50	
EROQ	1.70	28	ePn	43	20.87	-0.5
			eSn	43	44.40	
EHUE	2.15	226	ePn	43	27.63	-0.4

S.D. = 0.9 on 5 of 5 obs.
 * OCT 31, 1992 07h 04m 43.22±1.57s
 1.058 S ±13.1km 127.013 E ±15.2km
 DEPTH = 40.6 ± 16.0 km
 4.8mb (6 obs.)
 HALMAHERA, INDONESIA (267)

AAI	2.87	156	iPd	05	27.50	0.0
			eS	05	59.40	
MNI	3.30	319	eP	05	34.00	0.3
MKS	8.59	241	iPd	06	47.50	-0.5
KLI	22.44	260	eP	09	42.00	1.8
			e	30	30.00	
			e(S)	30	45.00	
QIS	22.96	148	eP	09	46.00	0.8
	0.1s		3.00nm		4.7mb	
ASPA	23.45	164	iPd	09	48.50	-1.5
	0.7s		16.00nm		4.6mb	
			eS	13	58.30	
STK	33.61	157	eP	11	21.30	-0.7
	1.0s		4.80nm		4.4mb	
BWA	38.76	151	eP	12	09.10	3.5X
CAN	39.76	151	eP	12	17.90	3.9X
TOO	40.13	157	eP	12	18.40	1.5
	1.0s		37.00nm		5.1mb	
LZH	42.79	332	eP	12	39.00	0.0
	1.6s		44.00nm		4.9mb	
HYB	51.13	293	eP	13	43.00	-1.6

1.5s 71.40nm 5.4mb
 S.D. = 1.4 on 10 of 12 obs.
 * OCT 31, 1992 09h 06m 16.27s
 34.641 N 116.500 W
 DEPTH = 6.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.7 (PAS).

GSC	0.70	339	iPd	06	29.42	-1.0
			eS	06	38.58	
PEC	0.93	216	iPd	06	33.02	-1.3
SSK	1.08	247	eP	06	35.87	-1.1
			eS	06	50.29	
PLM	1.32	193	eP	06	40.09	-1.1
			eS	06	57.07	
ISA	1.91	303	ePn	06	47.30	-2.4
GLA	2.11	138	ePn	06	49.40	-3.2
			ePg	06	54.91	
BONR	3.61	337	(Pn)	07	15.71	1.5
			ePg	07	23.73	

7 obs. associated
 * OCT 31, 1992 10h 24m 42.41±2.40s
 17.976 S ±14.0km 178.580 W ±13.6km
 DEPTH = 587.8 ± 29.7 km
 4.9mb (11 obs.)
 FIJI ISLANDS REGION (181)

DZM	14.65	251	iPc	27	46.70	-0.7
NOZ	20.78	187	eP	28	45.00	0.0
QRZ	24.03	197	eP	29	15.50	1.2
THZ	24.80	195	eP	29	21.70	0.5
DSZ	25.08	197	eP	29	23.60	0.0
KHZ	25.27	194	eP	29	24.30	-0.9
LTZ	25.92	196	eP	29	29.90	-1.1
LMZ	27.64	199	eP	29	45.00	-0.8
BRS	27.98	245	iPd	29	49.00	-0.1
ARMA	29.77	240	eP	30	04.90	0.4
	0.4s		11.00nm		4.8mb	
RMO	31.33	248	iPd	30	17.90	0.3
	0.6s		22.00nm		5.0mb	
CNB	33.26	232	iPc	30	35.10	1.3
	0.7s		29.00nm		5.0mb	
PMG	34.31	280	eP	30	42.00	-0.7
	1.0s		64.00nm		5.2mb	
CMS	34.85	240	iPd	30	47.40	0.4
	0.7s		14.00nm		4.7mb	
QLP	35.36	249	iPd	30	51.00	-0.2
	0.3s		39.00nm		5.5mb	
LAT	35.38	284	eP	30	52.20	0.7
TOO	37.00	231	eP	31	06.30	1.7
	0.6s		31.00nm		5.1mb	
STK	38.46	241	iPd	31	17.60	1.1
	0.5s		12.80nm		4.7mb	
ASPA	44.62	254	iPd	32	04.90	-0.5
	0.7s		125.30nm		5.6mb	

31d 10h

ENIJ	1.65	41	ePn	33	28.46	-0.5	MTW	20.48	192	eP	35	36.40	-1.2	KUMJ	71.84	317	P	42	00.30	-1.1
			eSn	33	49.40		CAW	20.52	193	eP	35	36.60	-1.4	YSS	76.19	334	iP	42	25.00	-0.2
OJEN	1.65	284	iP	33	30.00	0.9	MRW	20.72	194	eP	35	38.50	-1.2	SSE	77.48	311	Pd	42	33.00	0.5
EJIF	1.71	296	ePn	33	28.53	-1.4	TCW	20.80	195	eP	35	41.10	0.6		1.0s	18.00nm			4.5mb	
			eSn	33	49.00		QRZ	20.90	198	eP	35	42.40	1.0	KGM	79.35	276	ePd	42	44.00	1.3
PLAT	1.83	283	iP	33	33.50	1.8	THZ	21.66	197	eP	35	48.10	-0.3	NJ2	79.66	310	Pc	42	44.50	0.6
LIJA	1.90	308	eP	33	34.00	1.2	KHZ	22.12	195	eP	35	51.30	-1.0		1.0s	34.00nm			4.8mb	
ALJ	1.91	300	iP	33	34.00	1.1		0.3s	11.00nm			4.9mb	MDJ	80.59	325	eP	42	49.20	0.8	
ELUO	1.92	343	ePn	33	34.06	1.1	LTZ	22.78	197	eP	35	57.20	-1.2		1.0s	37.00nm			4.9mb	
			eSn	33	57.90		BWZ	25.08	199	eP	36	17.40	-1.0	ORV	80.74	41	eP	42	50.39	1.1
CNIL	2.13	288	eP	33	33.50	-2.4	BRS	26.52	251	iPc	36	31.50	0.3	LBFM	81.59	40	eP	42	55.14	1.3
EHUE	2.22	20	ePn	33	37.78	0.4		0.9s	10.00nm			4.4mb	BONR	81.82	44	iPd	42	56.20	1.0	
			eSn	34	03.80		TBI	27.31	100	iP	36	38.80	0.7	SNY	82.18	320	iPd	42	56.30	-0.2
EBAN	2.44	356	ePn	33	40.99	0.6		0.5s	25.00nm			5.1mb		0.7s	27.00nm			4.9mb		
			eSn	34	10.90		AFR	27.70	88	iP	36	40.90	-0.5	CN2	82.32	323	Pd	42	57.40	0.2
EHOR	2.50	327	iPnc	33	41.55	0.4		0.8s	35.00nm			5.0mb		1.0s	31.00nm			4.8mb		
			eSn	34	10.90		PAE	27.85	88	iP	36	43.10	0.3	IPM	82.42	278	ePd	42	59.20	0.9
EVIA	3.02	16	ePn	33	49.17	0.4		0.8s	40.00nm			5.1mb		0.5s	60.20nm			5.4mb		
			eSn	34	23.60		PPT	27.88	88	iP	36	42.70	-0.3	TNP	82.60	44	iPd	42	59.74	0.7
EVAL	3.17	307	ePn	33	49.32	-1.4		0.8s	45.00nm			5.2mb		0.7s	8.02nm			4.4mb		
			eSn	34	24.90		ARMA	28.02	245	iPd	36	44.90	0.6	SNG	83.77	280	eP	43	07.40	2.4X
EPLA	4.77	336	ePn	34	13.49	0.0		0.7s	33.00nm			5.1mb		1.0s	82.00nm			5.3mb		
			eSn	35	06.10		PPN	28.02	88	iP	36	44.10	-0.1	SVW	84.12	11	eP	43	04.76	-1.0
GUD	4.93	355	ePn	34	14.94	-0.9		0.8s	45.00nm			5.2mb		0.6s	17.31nm			4.9mb		
			eSn	35	10.90		TVO	28.14	88	iP	36	45.70	0.4	SLKM	84.66	14	ePd	43	07.39	-1.0
								0.8s	70.00nm			5.3mb		MGD	84.66	345	eP	43	07.00	-1.4
S.D. = 1.1 on 19 of 19 obs.							RMQ	30.01	253	iPd	37	01.90	0.8	SPU	84.87	13	eP	43	07.72	-1.7
OCT 31, 1992 11h 01m 28.45 ± 0.89s								0.6s	34.00nm			5.2mb	CKN	84.88	13	(P)	43	08.36	-1.1	
32.247 S ± 5.2km 71.823 W ± 9.4km									iPcP	39	44.10		CRP	84.93	13	eP	43	08.05	-1.8	
DEPTH = 13.7 ± 3.8 km							PMO	30.07	83	iP	37	01.90	0.3	RMW	85.39	35	eP	43	13.10	0.9
NEAR COAST OF CENTRAL CHILE (135)								0.8s	35.00nm			5.0mb	PMR	85.87	14	eP	43	13.12	-1.0	
MD 4.3 (SAN).							VAH	30.25	84	iP	37	03.10	-0.1		0.6s	17.28nm			4.9mb	
								0.8s	45.00nm			5.2mb	GYA	86.25	300	P	43	17.80	0.9	
IHA	0.79	169	ePg	01	43.80	0.3	TPT	30.33	84	iP	37	04.10	0.3		1.0s	15.00nm			4.7mb	
ROCH	1.00	137	iPd	01	47.24	0.1		0.8s	50.00nm			5.2mb	BALM	87.06	17	iPd	43	19.57	-0.4	
			iS	02	01.69		RUV	30.49	84	iP	37	05.50	0.3			(pP)	45	34.00	632km	
JACH	1.13	113	iPd	01	49.51	0.2		0.8s	75.00nm			5.4mb	DPW	87.59	36	eP	43	23.27	0.7	
			iS	02	05.43		CNB	31.15	236	iPc	37	12.10	1.4	XAN	87.87	308	Pd	43	25.00	0.8
LCCH	1.24	170	iP+	01	50.77	-0.4		0.6s	22.00nm			5.0mb		0.8s	33.00nm			5.1mb		
			iS	02	08.15		CAN	31.44	236	eP	37	12.40	-0.7	NEW	88.41	36	eP	43	26.79	0.4
PEL	1.31	133	iP+	01	52.40	0.0	CMS	33.11	245	iPd	37	28.70	1.6		0.6s	7.87nm			4.7mb	
			iS	02	11.37			0.5s	23.00nm			5.1mb	ALQ	88.48	52	eP	43	31.00	3.8X	
SAN	1.55	141	iP+	01	56.07	0.4	QLP	34.06	254	iPd	37	35.10	0.1		1.0s	3.75nm			4.1mb	
			iS	02	18.22			0.6s	122.00nm			5.7mb			ePp	45	48.00	644km		
TACH	1.59	152	iP+	01	56.57	0.3	PMG	34.68	284	iPd	37	40.50	0.3	HHA1	88.50	42	eP	43	28.84	1.8
FCH	1.68	130	iPd	01	58.01	0.1		1.0s	128.00nm			5.5mb	ILT	88.81	0	iPc	43	27.50	-0.1	
			iS	02	21.25		TOO	34.82	234	iPd	37	42.60	1.4		1.6s	34.00nm			4.9mb	
LNv	1.74	169	iP	01	57.09	-1.3		0.5s	27.00nm			5.1mb	KMI	88.91	297	Pd	43	31.00	1.6	
			iS	02	21.14		STK	36.74	245	iPd	37	58.10	1.1		1.5s	50.00nm			5.1mb	
PCH	1.76	142	iPd	01	59.23	0.5		0.5s	17.30nm			4.9mb	BDT	89.03	289	eP	43	30.50	0.8	
			iS	02	22.39		OIS	38.70	263	iPc	38	12.20	-0.8		0.9s	54.50nm			5.4mb	
CHCH	1.95	150	iP	02	02.08	0.6		0.2s	4.00nm			4.6mb	IMA	89.05	10	ePd	43	28.38	-0.7	
TLL	2.25	23	eP	02	05.50	-0.6	ASPA	43.55	258	iPd	38	51.10	-0.2		0.8s	11.97nm			4.8mb	
			iS	02	37.50			0.6s	131.40nm			5.6mb	FBA	89.08	13	iPd	43	27.69	-1.3	
MDZ	2.59	105	eP	02	16.30	5.6X			iPcP	40	24.40			0.8s	29.55nm			5.2mb		
			i	02	19.20				eScP	43	20.10		HHC	89.22	315	eP	43	31.00	0.7	
			iS	02	50.30				ePcS	44	16.80			1.0s	36.00nm			5.2mb		
ZON	2.76	76	eP	02	18.00	4.8X			iS	44	34.40		CHG	89.68	290	iPd	43	34.80	2.0	
RTCV	2.82	83	iPc	02	17.20	3.3X			eScS	47	42.80			0.8s	27.99nm			5.2mb		
			(S)	02	54.00		DHH	46.95	27	eP	39	15.35	-1.7			eSg	12	43.00		
MRA	5.18	93	e(P)	02	47.00	-0.3	FORT	48.26	247	iPd	39	26.20	-0.7	LRM	89.76	40	eP	43	34.00	1.1
TCA	6.22	84	iP	03	01.10	-1.1		0.4s	29.00nm			5.1mb	BW06	90.03	44	eP	43	35.00	0.8	
			(S)	03	10.40		KNA	49.76	267	iPd	39	39.80	1.7		0.8s	5.00nm			4.5mb	
CYA	6.44	56	eP	03	05.70	0.4		0.6s	154.00nm			5.6mb	BTO	90.13	314	eP	43	35.00	0.5	
CNCB	15.76	14	P	05	17.20	5.0X	KNA	49.76	267	iPd	39	47.40	9.3X	LZH	92.51	308	iPd	43	46.30	0.6
LPB	16.01	13	eP	05	16.00	0.8		0.6s	154.00nm			5.6mb		1.0s	45.00nm			5.5mb		
S.D. = 0.7 on 16 of 20 obs.							WARB	49.83	253	iPd	39	37.40	-1.1	SES	92.91	36	eP	43	47.00	0.0
								0.4s	38.00nm			5.1mb	RSSD	94.22	44	eP	43	53.90	0.5	
OCT 31, 1992 11h 31m 39.45 ± 0.15s							MBL	56.79	258	iPd	40	25.90	-1.7		0.7s	2.53nm			4.5mb	
21.172 S ± 3.7km 178.901 W ± 3.7km							MEEK	56.90	251	iPd	40	27.40	-1.0	GTA	96.75	310	eP	44	04.50	-0.2
DEPTH = 636.9km (3 depth phases)								0.4s	24.00nm			4.8mb		1.5s	17.00nm			5.1mb		
5.0mb (59 obs.)							MUN	58.28	245	iPd	40	37.50	0.0							
FIJI ISLANDS REGION (181)								0.7s	38.00nm			4.7mb	GKN	105.10	294	PKP	48	52.40	-0.6	
							MRWA	58.81	248	iPd	40	40.70	-0.4	BRVK	119.11	320	iPKPd	49	17.90	-0.7
BKM	12.62	284	iPd	34	24.00	-0.1		0.5s	26.00nm			4.7mb		0.8s	10.00nm					
DZM	13.66	264	iPc	34	33.90	-0.3	NANU	60.41	255	iPd	40	51.60	0.0	KAF	135.56	343	ePKP	49	37.60	-12.2X
WCZ	15.86	200	eP	34	59.10	4.1X		0.4s	79.00nm			5.3mb	NUR	137.34	343	ePKP	49	43.00	-10.2X	
KUZ	16.21	196	eP	35	01.30	3.0X	KAKJ	68.95	325	P	41	43.20	-1.2		0.4s	3.00nm				
HBZ	16.55	188	eP	35	02.00	0.5	KKM	69.12	285	ePd	41	46.10	0.0	NB2	139.54	352	PKP	49	48.40	-8.8X
WLZ	17.31	195	eP	35	02.50	1.9		0.6s	35.10nm			5.0mb		0.7s	9.40nm		</			

ELO	144.57	5	ePKPd	50	05.60	-0.4	WLF	151.29	353	iPKPd	50	24.30	7.7X		eS	46	26.65				
EAB	144.80	5	ePKPd	50	06.50	0.1									CNPM	1.07	79	iPc	46	12.65	-1.0
	0.5s		36.00nm				FUR	151.85	345	ePKP	50	16.60	-1.0					eS	46	29.52	
EBH	144.81	4	ePKPd	50	06.70	0.3									RED	1.11	13	iPd	46	13.09	-1.1
	0.8s		94.00nm															eS	46	29.72	
ESY	145.19	4	ePKPd	50	07.70	0.7	CDF	152.37	351	ePKP	50	26.00	7.6X		RS1	1.16	13	iPd	46	13.77	-1.0
EAU	145.21	5	ePKPd	50	08.00	0.9		0.7s		21.50nm					RS2	1.16	13	iPd	46	13.81	-1.0
	0.9s		87.00nm				FLN	152.44	2	ePKP	50	25.90	7.6X		RSO	1.16	13	iPd	46	13.74	-1.1
EBL	145.31	4	ePKPd	50	08.20	0.9		0.5s		12.40nm								eS	46	32.10	
	0.9s		60.00nm				LDF	152.62	2	ePKP	50	26.10	7.5X		REF	1.19	14	iPd	46	14.01	-1.2
EKA	145.74	4	PKPc	50	08.40	0.5		0.5s		9.40nm								eS	46	32.43	
	0.7s		27.60nm				GRR	152.80	3	ePKP	50	26.80	7.9X		RDN	1.21	12	ePd	46	14.28	-1.0
DMU	146.76	9	iPKPd	50	12.30	2.7X		0.5s		9.55nm					NCT	1.24	8	iPd	46	14.51	-1.1
	0.6s		100.00nm				KNT	152.84	322	ePKP	50	26.52	7.3X					eS	46	32.24	
CLI	146.92	326	iPKPd	50	13.00	2.8X	HAU	152.90	352	ePKP	50	27.10	8.0X		DFR	1.29	13	iPd	46	15.15	-1.1
8HL	147.00	300	PKP	50	13.50	2.7X		0.8s		18.25nm				BRLK	1.30	70	eP	46	14.79	-1.4	
DCN	147.25	9	iPKPd	50	13.60	3.2X	FVI	152.91	342	PKP	50	26.50	7.5X					eS	46	32.15	
	0.5s		32.00nm				VAY	152.92	323	ePKP	50	24.30	5.1X		KDC	1.65	165	iPd	46	17.91	-2.5
DLF	147.40	9	iPKPd	50	13.80	3.2X												S	46	38.90	
	0.7s		57.00nm				BSF	153.01	352	ePKP	50	27.10	7.8X		NKA	1.74	35	ePd	46	22.14	0.5
ADI	147.54	299	iPKPd	50	15.50	3.9X		0.8s		15.70nm				BKG	1.81	16	ePd	46	21.24	-1.3	
VR1	147.66	326	ePKPc	50	15.00	3.7X	VBY	153.09	338	ePKP	50	16.60	-2.7X		CKL	1.92	14	ePd	46	22.85	-1.2
JVI	147.67	297	iPKPd	50	16.20	4.3X								SLKM	1.94	52	ePd	46	22.37	-1.8	
UZH	147.77	333	iPKPd	50	16.00	4.6X	LPF	153.15	3	ePKP	50	27.60	8.3X					eS	46	46.10	
	1.0s		350.00nm					0.7s		21.50nm				CKT	1.94	16	eP	46	23.44	-0.8	
							CTI	153.73	343	PKP	50	29.10	8.8X		SPU	1.95	18	iPd	46	22.72	-1.6
KSP	148.07	342	ePKP	50	12.00	0.2	LIT	153.76	321	ePKP	50	28.48	8.0X					eS	46	46.96	
	0.7s		69.00nm				LOR	153.87	356	ePKP	50	29.30	8.9X		CKN	1.97	16	ePc	46	23.15	-1.4
								0.5s		6.50nm								S	46	48.60	
							FNA	153.95	323	ePKP	50	29.56	8.8X		BGL	1.98	13	iPd	46	23.77	-1.0
WIT	148.12	354	ePKP	50	17.00	5.2X	SSF	154.10	356	ePKP	50	29.90	9.2X		CP2	2.00	15	ePd	46	24.10	-1.0
SPC	148.15	336	ePKP	50	18.00	5.7X		0.9s		14.10nm				CRP	2.01	16	iPd	46	23.52	-1.8	
MLR	148.32	326	iPKPd	50	16.50	3.9X	LBF	154.14	355	ePKP	50	29.70	8.9X					eS	46	48.57	
CLL	148.51	346	ePKP	50	12.00	-0.5		0.6s		3.95nm				CGLM	2.07	17	iPd	46	24.75	-1.2	
	0.9s		66.00nm				AGG	154.53	319	ePKP	50	30.28	8.7X		SEW	2.09	67	ePc	46	24.53	-1.5
							VAL	154.58	347	PKP	50	30.60	9.3X					eS	46	48.87	
							MFF	154.61	2	ePKP	50	30.70	9.3X		SVW	2.12	328	iPd	46	24.69	-1.9
RMN	148.52	294	iPKPd	50	18.20	4.9X		0.6s		7.60nm				MPA	2.29	58	ePd	46	27.18	-1.5	
CSS	148.57	303	ePKP	50	17.80	4.7X	BGF	154.64	357	ePKP	50	30.90	9.5X		SUA	2.48	30	ePd	46	30.17	-1.1
BRG	148.69	344	iPKP	50	12.80	0.1		0.6s		5.30nm				PTE	2.63	53	ePd	46	31.37	-1.8	
	1.0s		40.00nm				TCF	154.93	358	ePKP	50	31.30	9.4X		PMS	2.66	43	P	46	32.20	-1.5
							LSF	154.98	359	ePKP	50	31.30	9.4X		SKT	2.79	17	iPd	46	33.62	-1.7
							MAF	154.99	358	ePKP	50	31.80	9.9X					eS	47	08.44	
							LPL	155.28	350	ePKP	50	32.90	10.3X		LT1	2.84	73	iPc	46	34.28	-1.8
WTS	148.92	353	iPKPc	50	18.20	5.2X		0.7s		4.65nm				PWA	2.87	35	P	46	34.90	-1.5	
	0.8s		68.00nm				LPG	155.30	350	ePKP	50	33.10	10.4X		KNIM	2.98	68	iPc	46	35.53	-2.4
								0.6s		3.50nm								eS	47	09.70	
COZ	149.26	327	iPKPd	50	20.00	6.0X	RJF	155.93	359	ePKP	50	33.50	10.3X		PLRM	3.06	41	eP	46	36.51	-2.4
PSZ	149.32	335	ePKPd	50	19.20	5.3X		0.8s		5.25nm				PMR	3.06	41	ePd	46	36.05	-2.9	
VRAC	149.33	340	ePKP	50	19.10	5.4X	BCAO	156.26	228	iPKPd	50	25.00	0.4		KNK	3.17	47	ePd	46	38.11	-2.5
	1.5s		76.00nm					1.0s		10.00nm								eS	47	14.09	
														GHO	3.26	40	ePd	46	39.16	-2.6	
PRU	149.34	343	iPKPd	50	19.30	5.5X												eS	47	15.90	
	0.9s		27.10nm				LFF	156.29	1	ePKP	50	34.30	10.7X		GLI	3.46	61	eP	46	41.37	-3.1
							LPO	156.55	360	ePKP	50	34.90	10.9X		SML	3.48	43	ePd	46	42.21	-2.5
PPCY	149.36	303	ePKP	50	18.30	4.0X	LIC	164.00	157	PKP	50	33.30	0.6		MID	3.56	86	P	46	43.70	-2.0
MOX	149.44	347	iPKP	50	14.20	0.3	KIC	164.23	158	PKP	50	33.40	0.5		HIN	3.58	70	eP	46	43.57	-2.5
							TIC	164.39	157	PKP	50	33.80	0.8		FID	3.70	65	ePd	46	44.46	-3.2
																		eS	47	23.87	
HOF	149.70	346	iPKPd	50	20.30	6.0X								VZW	3.78	60	eP	46	47.06	-1.7	
SRO	150.01	336	iPKP	50	21.20	6.4X								TTA	3.84	341	P	46	47.50	-2.1	
ZST	150.12	338	ePKP	50	14.60	-0.4								SCM	3.86	47	eP	46	47.32	-2.6	
														VLZ	3.91	60	eP	46	48.02	-2.4	
														CVA	3.98	69	eP	46	48.58	-2.9	
ENN	150.22	354	iPKPd	50	21.60	6.6X								HUR	4.06	24	eP	46	50.74	-1.8	
	0.9s		35.00nm											SGAM	4.23	71	eP	46	51.96	-3.0	
							AUE	0.05	294	ePc	46	06.15	1.0		KLU	4.24	56	ePd	46	52.64	-2.5
VKA	150.33	339	iPKP	50	22.20	6.9X	AUI	0.07	266	ePc	46	06.09	0.9		TRF	4.37	18	eP	46	55.19	-1.8
														TOA	4.46	49	P	46	56.00	-2.1	
MEM	150.37	354	iPKPc	50	13.56	-1.7	AUP	0.07	288	eP	46	06.31	1.0		RAGM	4.47	73	eP	46	55.37	-2.8
							AUH	0.08	287	eP	46	06.36	1.1		KAIM	4.54	79	eP	46	56.82	-2.4
							AUL	0.09	299	ePc	46	06.28	1.1		RND	4.60	26	eP	46	57.38	-2.7
KHC	150.38	343	PKP	50	16.00	0.6	AUW	0.10	288	ePc	46	06.25	1.0		HMT	4.66	74	ePc	46	58.11	-2.8
	0.9s		18.50nm				OPT	0.32	5	ePc	46	06.78	-0.7		MCK	4.87	23	eP	47	01.32	-2.4
														SDG	4.95	46	eP	47	02.83	-1.9	
							MCNL	0.56	254	ePd	46	08.06	-0.9		GLB	5.15	62	eP	47	05.15	-2.5
GRF	150.43	347	iPKPd	50	22.30	6.9X								PAX	5.25	43	eP	47	06.66	-2.4	
														CROM	5.28	70	eP	47	07.01	-2.5	
WET	150.55	344	iPKPd	50	22.10	6.4X								SNH	5.35	76	eP	47	07.98	-2.4	
							INE	0.73	9	ePd	46	09.45	-1.0		WAX	5.37	74	eP	47	07.77	-2.9
GEC2	150.61	343	PKP	50	16.00	0.1								TGL	5.43	70	eP	47	08.90	-2.6	
	0.7s		0.91nm				INW	0.73	6	iPd											

31d 11h

CCB 5.92 24 eP 47 13.98 -4.1
 FBA 6.14 22 eP 47 18.00 -3.2
 GLM 6.30 23 eP 47 19.84 -3.6
 PCA 6.64 78 eP 47 25.83 -2.2
 IMA 6.76 359 ePc 47 27.20 -2.5
 BCPM 6.95 79 eP 47 31.45 -0.8
 PNL 7.08 81 iPc 47 31.02 -3.0
 HQN 7.36 83 ePc 47 34.37 -3.5
 91 obs. associated

% OCT 31, 1992 12h 25m 10.14 ± 0.99s
 21.707 S ± 11.5km 126.343 E ± 10.3km
 DEPTH = 10.0km (geophysicist)
 WESTERN AUSTRALIA (590)

WARB 4.46 177 eP 26 21.30 1.9
 KNA 6.35 22 eP 26 47.00 0.8
 ASPA 7.25 107 iPd 26 58.70 0.0
 MEEK 8.59 234 eP 27 20.00 2.4X
 FORT 9.16 171 eP 27 23.00 -2.3X

0.2s 10.00nm 5.8mb X
 NANU 10.06 263 eP 27 43.00 5.2X
 0.3s 6.00nm 5.5mb X

MRWA 11.97 229 eP 28 03.00 -0.8
 0.3s 8.00nm 5.5mb X

QIS 12.43 87 eP 28 09.00 -1.0
 0.3s 30 18.10

MUN 13.65 219 eP 28 25.70 -0.4
 0.3s 30 46.00

STK 16.95 130 eP 29 04.50 -4.5X
 0.3s 32 00.00

CMS 19.93 123 eP 29 43.70 -1.4
 RMO 21.00 108 eP 29 57.20 1.0
 S.D. = 1.3 on 8 of 12 obs.

& OCT 31, 1992 12h 49m 43.26s
 40.284 N 124.317 W
 DEPTH = 8.9km
 NEAR COAST OF NORTHERN CALIF. (35)
 <GM-P>. MD 3.0 (GM).

FHC 0.58 26 eP 49 55.11 0.2
 0.3s 50 04.96
 WDC 1.39 77 ePc 50 06.88 -1.9
 LBFM 2.13 59 ePn 50 18.78 -0.9
 ORV 2.29 108 ePn 50 18.95 -2.8
 NTYM 2.29 145 (P) 50 26.45 4.7
 5 obs. associated

* OCT 31, 1992 13h 06m 15.57 ± 0.71s
 51.156 N ± 13.7km 178.228 W ± 8.6km
 DEPTH = 33.0km (normal)
 4.7mb (11 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 Felt on Adak.

ADK 1.21 52 ePc 06 37.33 1.1
 SMY 5.00 291 eP 07 33.10 2.9
 SDN 11.41 62 eP 08 57.70 -1.4
 SVW 15.98 43 eP 10 00.78 1.6
 0.9s 39.04nm 4.5mb

KDC 16.29 56 eP 10 03.50 0.4
 TTA 16.77 37 eP 10 13.20 3.9X
 CKN 17.53 45 eP 10 20.75 2.0

CRP 17.56 45 eP 10 20.82 1.6
 SPU 17.57 45 eP 10 20.71 1.5
 SLKM 18.17 48 eP 10 24.90 -1.7

PMS 18.71 46 eP 10 32.20 -1.1
 IMA 19.46 31 eP 10 40.51 -1.6
 1.0s 9.52nm 4.0mb

KLU 20.46 47 eP 10 51.60 -1.1
 TOA 20.52 45 eP 10 51.70 -1.6
 FBA 20.90 37 eP 10 55.82 -1.3
 0.6s 4.55nm 4.0mb

VGB 37.76 75 eP 13 31.20 1.3
 NEW 38.63 70 eP 13 37.00 -0.2
 0.8s 20.83nm 5.0mb

SES 41.14 64 eP 13 57.00 -0.9
 MCMT 42.91 72 eP 14 12.80 0.1
 BONR 43.51 83 eP 14 19.30 1.5

PTI 44.28 74 eP 14 25.21 1.4

HVU 44.66 75 eP 14 27.33 0.5
 DUG 45.57 77 eP 14 34.72 0.7
 0.8s 10.13nm 4.8mb

BW06 46.03 72 eP 14 38.00 0.2
 0.9s 9.18nm 4.7mb

GSC 46.11 85 eP 14 38.77 0.5
 MSU 46.98 79 ePd 14 45.93 0.6
 SRU 47.63 77 eP 14 50.68 0.3

RSSD 48.51 68 eP 14 56.03 -1.2
 0.5s 3.04nm 4.6mb
 GOL 50.40 73 ePc 15 11.82 0.0

LZH 55.79 287 eP 15 49.00 -2.7
 1.5s 19.00nm 4.9mb
 MIAR 60.86 70 eP 16 25.63 -1.3

0.8s 6.68nm 4.8mb
 ELC 61.49 65 (P) 16 29.55 -1.6
 HYB 84.63 291 eP 18 46.50 -0.6

ASPA 85.57 223 P 18 51.70 0.2
 0.5s 1.10nm 4.3mb
 S.D. = 1.4 on 33 of 34 obs.

& OCT 31, 1992 13h 13m 01.09s
 61.708 N 151.987 W
 DEPTH = 117.7km
 SOUTHERN ALASKA (2)
 <AEIC>.

SKT 0.35 38 iP 13 17.40 -0.8
 0.3s 13 30.08

CGLM 0.40 181 iP 13 17.59 -1.0
 CRP 0.45 190 eP 13 18.16 -0.8

CP2 0.46 195 eP 13 18.47 -0.6
 BGL 0.49 204 eP 13 18.17 -0.9

CKN 0.49 191 eP 13 18.29 -0.8
 CKT 0.52 192 eP 13 18.49 -0.8

SPU 0.53 184 eP 13 18.15 -1.1
 0.3s 13 32.40

CKL 0.54 198 eP 13 18.28 -1.2
 0.3s 13 32.70

SUA 0.64 112 eP 13 20.16 0.0
 0.3s 13 34.29

BKG 0.65 192 iP 13 19.29 -0.9
 PWA 1.01 92 eP 13 23.33 0.1

NKA 1.03 159 eP 13 24.63 1.1
 DFR 1.17 197 eP 13 24.32 -0.8

NCT 1.24 202 eP 13 24.97 -0.9
 0.3s 13 44.20

PMS 1.25 111 eP 13 25.49 -0.5
 0.3s 13 44.69

REF 1.27 196 eP 13 25.54 -0.8
 0.3s 13 44.71

RS2 1.30 197 eP 13 26.01 -0.7
 RSO 1.30 197 eP 13 25.82 -0.9

RS1 1.31 197 eP 13 25.83 -0.9
 RED 1.35 197 eP 13 26.33 -0.8

PLRM 1.37 94 eP 13 26.11 -1.1
 0.3s 13 45.98

GHO 1.46 86 eP 13 27.60 -0.8
 0.3s 13 49.19

SLKM 1.48 144 eP 13 28.13 -0.4
 PTE 1.66 119 eP 13 29.79 -0.9

HUR 1.68 40 eP 13 30.69 -0.3
 0.3s 13 52.57

KNK 1.72 98 eP 13 30.37 -1.0
 0.3s 13 53.94

INW 1.74 199 eP 13 31.01 -0.7
 SML 1.74 85 eP 13 30.83 -0.9

MPA 1.77 133 eP 13 31.49 -0.5
 0.3s 13 54.28

SVW 1.85 253 eP 13 30.72 -2.3
 TRF 1.92 23 eP 13 33.43 -0.6

SEW 2.03 141 eP 13 33.95 -1.3
 0.3s 13 59.79

OPT 2.15 197 eP 13 36.39 -0.5
 PDB 2.21 210 eP 13 36.52 -1.1

SCM 2.22 85 eP 13 37.04 -0.7
 0.3s 14 05.52

CNPM 2.22 170 eP 13 36.44 -1.3
 RND 2.24 39 eP 13 37.99 -0.1

AUW 2.46 198 eP 13 37.96 -2.8
 KNIM 2.48 122 eP 13 38.75 -2.3

LT1 2.62 128 eP 13 41.01 -2.0
 VLZ 2.78 100 eP 13 43.29 -1.7

FID 2.83 107 eP 13 43.23 -2.5
 KLU 2.91 92 eP 13 45.21 -1.6

SDG 3.14 72 eP 13 49.83 0.0
 CVA 3.24 108 eP 13 50.21 -1.0

PAX 3.29 65 eP 13 51.34 -0.7
 CCB 3.51 31 eP 13 54.20 -0.6

HDA 3.55 38 eP 13 55.25 -0.1
 DJE 3.71 48 eP 13 57.71 0.2

GLM 3.89 30 eP 13 59.75 -0.3
 GLB 3.92 90 eP 13 59.59 -0.8

HMT 4.00 107 eP 13 58.86 -2.7
 CROM 4.38 99 eP 14 05.81 -1.0

TGL 4.53 98 eP 14 08.34 -0.4
 BALM 4.69 94 eP 14 09.36 -1.6

CTGM 5.18 94 eP 14 16.84 -0.9
 57 obs. associated

? OCT 31, 1992 13h 18m 57.26 ± 3.29s
 8.024 N ± 86.2km 76.637 W ± 9.9km
 DEPTH = 10.0km (geophysicist)
 4.5mb (8 obs.)
 NEAR NORTH COAST OF COLOMBIA (96)

UPA 3.02 289 iPd 19 46.26 0.3
 0.3s 20 24.37

ECO 3.30 294 iP 19 49.42 -0.7
 BRU 5.91 278 eP 20 29.01 1.6X

SDV 6.00 81 ePnc 20 31.90 3.5X
 0.3s 21 45.90

TOV 6.99 75 ePd 20 45.90 3.7X
 0.3s 20 46.20

CEOS 8.27 82 eP 20 59.70 -0.6
 NNA 19.88 181 eP 23 21.00 -10.9X

0.9s 10.92nm
 Z 18s 0.86um
 LPB 25.82 161 P 24 21.80 -9.2X

0.3s 25 03.00
 LR 33 46.00

CNCB 26.12 161 P 24 21.10 -12.9X
 LIC 71.00 86 (P) 30 14.00 -3.8X

GRR 74.60 42 eP 30 38.30 -0.1
 0.6s 3.80nm 4.6mb

FLN 74.88 42 eP 30 39.90 -0.1
 MFF 74.93 44 eP 30 40.80 0.4

LFF 75.44 46 eP 30 43.70 0.4
 0.6s 4.95nm 4.7mb

LPO 75.75 46 eP 30 45.30 0.2
 0.7s 6.05nm 4.8mb

MAF 76.79 44 eP 30 51.00 0.1
 0.7s 2.20nm 4.4mb

BGF 76.99 44 eP 30 52.10 0.1
 SSF 77.46 44 eP 30 53.80 -0.8

0.8s 3.35nm 4.5mb
 LPL 79.69 45 eP 31 07.80 0.7

0.7s 2.55nm 4.3mb
 BSF 79.70 43 eP 31 06.70 -0.3

0.8s 4.55nm 4.5mb
 GEC2 84.25 42 eP 31 30.90 0.3

0.6s 0.79nm 4.1mb
 0.3s 31 36.00

QLP 137.08 239 ePd diff 35 09.20 -20.5X
 0.3s 9.00nm

GBA 146.47 50 PKP 38 41.00 1.1X
 ASPA 146.87 238 iPKPd 38 33.20 -7.2X

0.8s 8.60nm
 S.D. = 0.5 on 14 of 24 obs.

* OCT 31, 1992 14h 00m 54.49 ± 0.87s
 11.086 N ± 10.0km 74.268 W ± 15.9km
 DEPTH = 33.0km (normal)
 4.5mb (6 obs.)
 NEAR NORTH COAST OF COLOMBIA (96)

SDV 4.19 121 iPd 01 58.40 0.4
 0.3s 02 42.10

TOV 4.59 106 iPnc 02 03.40 0.0
 0.3s 02 04.00

0.3s 02 50.80
 MORD 5.85 92 eP 02 17.20 -4.1X

0.3s 03 21.50
 CEOS 6.19 109 eP 02 23.70 -2.4X

0.3s 03 28.40
 GUAN 8.55 97 iP 02 53.60 -5.6X

0.3s 04 24.50
 LPB 28.11 167 eP 06 45.00 -1.1

CNCB 28.41 167 P 06 50.00 1.1
 LRM 47.46 324 eP 09 32.40 4.0X

KIC 68.76 87 P 11 56.40 -1.5

GRR 70.78 43 eP 12 09.30 -0.3
 0.4s 33.00nm 5.8mb X
 FLN 71.06 42 eP 12 11.00 -0.3
 MFF 71.12 44 eP 12 11.50 -0.3
 0.5s 4.25nm 4.8mb
 LDF 71.28 42 eP 12 12.30 -0.4
 0.5s 3.50nm 4.7mb
 LFF 71.65 46 eP 12 17.10 2.2
 SMF 73.87 45 eP 12 27.40 -0.6
 LOR 73.89 44 eP 12 27.50 -0.6
 1.2s 10.70nm 4.7mb
 LPL 75.89 46 eP 12 40.30 0.4
 0.6s 1.80nm 4.2mb
 LPG 75.90 46 eP 12 40.60 0.5
 0.6s 1.70nm 4.2mb
 GEC2 80.42 42 P 13 05.00 0.5
 0.7s 1.38nm 4.1mb
 ASPA 150.42 241 iPKPd 20 47.10 7.6X
 0.7s 9.40nm

S.D. = 1.0 on 15 of 20 obs.

? OCT 31, 1992 14h 10m 59.99±2.37s
 31.369 S ±31.0km 69.824 W ±21.5km
 DEPTH = 140.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 3.8 (SAN).

ZON 0.99 100 iP 11 24.00 -0.1
 eS 11 43.00
 JACH 1.46 206 iP 11 29.36 0.5
 iS 11 49.39
 ROCH 1.89 212 iP+ 11 33.99 0.1
 iS 11 57.55
 PEL 1.91 202 iP 11 33.83 -0.1
 iS 11 57.58
 FCH 1.99 191 iPd 11 35.73 0.5
 iS 12 00.77
 PCH 2.32 194 iP 11 38.94 0.0
 iS 12 06.87
 TACH 2.46 202 iP+ 11 40.48 -0.2
 iS 12 09.33
 LCCH 2.57 215 iP 11 42.16 0.2
 iS 12 11.97
 CHCH 2.65 195 iP 11 43.13 0.0
 iS 12 13.82
 LNV 2.91 207 iP 11 45.34 -0.9
 iS 12 18.46

S.D. = 0.5 on 10 of 10 obs.

OCT 31, 1992 14h 34m 22.48±0.09s
 2.321 S ±2.4km 141.262 E ±2.8km
 DEPTH = 5.7km (13 depth phases)
 5.9mb (92 obs.) 6.4MsZ (54 obs.)
 NEAR N COAST OF NEW GUINEA, PNG.(200)

Mo=7.9*10**18 Nm (PPT). Complex
 event observed on broadband
 displacement seismograms.

FAULT PLANE SOLUTION: P-Waves

NP1:Strike=230 Dip=58 Slip=-130

NP2: 108 49 -44

Principal Axes:

T P1g= 5 Azm=347

P 57 85

Comment: The focal mechanism is

poorly controlled and

corresponds to normal faulting

with a large strike-slip

component. The preferred fault

plane is not determined.

RADIATED ENERGY

No. of sta: 14 Focal mech. F

Energy 9.5±1.9*10**13 Nm

MOMENT TENSOR SOLUTION

Dep 32 No. of sta: 18

Moment Tensor: Scale 10**18 Nm

Mrr=-5.63 Mtt= 4.06

Mff= 1.58 Mrt= 1.23

Mrf= 0.37 Mtf= 3.33

Principal Axes:

T Vol= 6.49 P1g= 6 Azm=326

N -0.70 4 56

P -5.79 83 184

Best Double Couple:Mo=6.1*10**18

NP1:Strike= 51 Dip=39 Slip= -97

NP2: 240 51 -84

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 43S, **C M.W.: 34S, 67C
 Centroid Location:
 Origin Time 14:34:32.5 0.1
 Lot 2.16S 0.01 Lon 141.46E 0.01
 Dep 15.0 FIX Half-duration 4.3
 Moment Tensor: Scale 10**18 Nm
 Mrr=-5.89 0.04 Mtt= 6.04 0.03
 Mff=-0.15 0.04 Mrt= 1.03 0.19
 Mrf=-1.40 0.16 Mtf= 0.51 0.04
 Principal Axes:
 T Vol= 6.15 P1g= 4 Azm=356
 N 0.16 13 87
 P -6.32 76 248
 Best Double Couple:Mo=6.2*10**18
 NP1:Strike= 72 Dip=42 Slip=-110
 NP2: 279 51 -73

WWKK 2.69 119 eP 35 06.00 -1.2
 MNDI 4.50 148 iP 35 37.20 4.2
 iS 36 38.00
 MDG 5.37 123 eP 35 47.80 2.7X
 YYYY 6.10 130 eP 35 55.70 0.1
 LAT 7.17 127 eP 36 12.30 1.9
 PMG 9.16 140 eP 36 38.00 -0.2
 RAB 11.04 100 eP 37 09.00 4.9X
 AAI 13.12 264 eP 37 37.50 5.3X
 GUA 16.17 13 eP 38 11.00 -1.1
 0.8s 853.73nm 5.9mb

e 38 15.70
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

e 38 23.69
 eS 41 02.00
 GUMO 16.20 13 iPc 38 11.61 -1.0
 1.1s 823.40nm 5.8mb

BFD 34.70 178 iPc 41 15.00 -0.3
 0.7s 170.00nm 6.0mb
 QZH 34.90 322 eP 41 16.00 -1.1
 Z 32s 85.90um 6.3MsZ
 N 16s 17.80um

S 46 41.00
 TOO 35.29 174 iPc 41 21.00 0.6
 0.9s 368.00nm 6.2mb

MRWA 35.96 219 iPd 41 25.30 -0.8
 0.6s 104.00nm 5.9mb

KLI 36.42 265 eP 41 30.00 -0.2
 GZH 37.12 314 P 41 36.00 0.1
 1.0s 160.00nm 5.7mb

Z 16s 14.50um 5.9MsZ
 N 14s 6.69um
 E 18s 14.40um

S 47 22.00
 QIZ 37.47 306 ePd 41 38.95 0.0
 1.0s 120.00nm 5.6mb

N 15s 13.20um
 E 15s 12.20um

ed 41 40.11 4km
 ec 41 43.50
 e 41 48.06
 ed 41 56.00

S 47 24.00
 SHK 37.54 348 eP 41 39.20 -0.1
 MUN 37.77 216 iPd 41 40.60 -0.7

0.9s 113.00nm 5.6mb
 Z 20s 102.90um 6.6MsZ
 N 20s 64.70um

E 20s 64.70um
 KGM 38.18 276 ePd 41 46.00 1.0
 e 42 32.10 219kmX

SSE 38.34 332 ePd 41 45.89 -0.1
 1.0s 220.00nm 5.8mb

Z 20s 49.10um 6.3MsZ
 N 16s 9.60um
 E 16s 7.40um

ed 41 47.54 6km
 ec 41 49.20
 ec 41 50.11
 ec 41 51.10

ec 41 56.40
 ed 42 03.02
 PP 43 21.00

SS 50 14.00
 ScS 51 48.00
 MAT 38.77 356 eP 41 47.00 -2.6X

1.0s 92.00nm 5.4mb
 eS 47 31.00
 RKG 39.24 212 eP 41 54.00 0.4

KLM 39.97 278 eP 42 01.00 1.1
 NJ2 40.26 330 Pd 42 02.00 0.0

1.2s 160.00nm 5.6mb
 N 21s 26.60um
 E 12s 7.00um

S 48 07.50
 IPM 40.78 280 ePc 42 05.90 -0.7
 PPI 40.89 272 ePd 42 08.50 1.0

0.8s 479.80nm 6.3mb
 WHN 41.55 324 eP 42 14.50 1.8
 1.0s 53.00nm 5.2mb

Z 40s 64.30um 6.2MsZ
 E 14s 10.10um
 iS 48 32.00

SNG 41.64 283 eP 42 13.80 0.2
 1.9s 2105.26nm 6.5mb
 eS 48 32.00

LOE 43.63 298 iPd 42 30.00 0.1
 i 54 30.70
 NNT 43.82 291 eP 42 32.00 0.6

GYA 43.99 313 iPd 42 34.00 1.2
 1.0s 140.00nm 5.7mb
 Z 20s 10.30um 5.7MsZ

N 18s 14.40um
 E 18s 5.96um
 S 49 07.00

ERM 44.16 2 ePd 42 33.11 -0.6
 OUZ 44.41 141 eP 42 37.60 1.7
 NST 44.42 295 iPc 42 40.00 3.7X

TIA 44.46 332 Pd 42 36.60 0.3
 1.0s 360.00nm 6.2mb
 N 20s 13.10um

E 18s 22.10um
 pP 42 47.00 36kmX
 DL2 44.84 338 eP 42 40.00 0.7

31d 14h

	1.0s	110.00nm	5.7mb	THZ	48.46	148 eP	43 07.70	-0.3		Z	21s	38.52um	6.5MsZ
	Z 34s	38.10um	6.1MsZ	URZ	48.52	142 eP	43 08.90	0.6				S	53 12.48
	E 20s	26.50um		CD2	48.64	316 Pd	43 09.20	-0.3	KKN	61.54	303 P	44 43.08	-0.4
		S	49 16.00			1.2s	730.00nm	6.6mb			0.9s	648.00nm	6.8mb
SAP	45.17	0 eP	42 43.00	1.1		Z 20s	28.10um	6.2MsZ	DMN	61.62	303 P	44 43.92	-0.1
WCZ	45.34	141 eP	42 42.80	-0.6		E 18s	12.80um		ZAK	61.75	333 eP-	44 44.00	-0.1
KHT	45.54	293 eP	42 44.70	-0.5			S	50 14.00			1.9s	588.00nm	6.4mb
BDT	45.99	297 eP	42 47.80	-0.9	TCW	48.81	147 eP	43 08.80	-1.8		Z 18s	13.29um	6.1MsZ
	1.0s	158.70nm	6.0mb	HBZ	48.86	141 eP	43 12.10	1.1		N 18s	8.50um		
KMI	46.24	309 iPd	42 51.53	0.6	LTZ	48.87	150 eP	43 10.20	-0.9			e	47 00.00
	1.0s	240.00nm	6.2mb	WAHZ	48.98	144 eP	43 10.80	-1.2				eS	53 12.00
	Z 26s	44.40um	6.3MsZ	MRW	49.06	147 eP	43 10.10	-2.3				eSS	57 11.00
		ed	42 53.52		MNG	49.08	145 eP	43 11.00	-1.7	GKN	62.14	303 P	44 47.16
		ec	42 55.34		YSS	49.15	1 ePd	43 10.83	-2.2	IRK	62.68	335 eP-	44 49.00
		ec	42 56.83			1.0s	30.00nm	5.3mb			1.5s	50.00nm	5.5mb
		pP	42 57.50	20kmX		Z 17s	11.50um	5.9MsZ				eSP	45 25.00
		e	43 01.55			N 17s	8.10um					e	47 04.00
		ed	43 09.74				ed	43 12.57	6km			eS	53 22.00
CHG	46.61	299 eP	42 53.90	0.2			ec	43 14.22				ePS	53 42.00
	1.1s	55.38nm	5.5mb				ec	43 15.22				e	54 30.00
		eS	49 22.00				ec	43 20.26				eSS	57 24.00
KUZ	46.71	141 eP	42 55.20	1.0			ed	43 28.04		MGD	62.69	5 eP-	44 49.00
SNY	46.78	342 iPd	42 54.00	-0.7			e	44 36.00			1.0s	70.00nm	5.8mb
	1.0s	130.00nm	6.0mb				eS	50 08.00			Z 18s	4.20um	5.7MsZ
	Z 22s	40.40um	6.3MsZ				e	50 24.00			N 22s	6.60um	
	E 18s	18.60um					eSS	53 37.00			E 22s	2.80um	
		pP	43 07.20	49kmX	CAW	49.18	146 eP	43 11.60	-1.8			e	45 10.00
		S	49 36.00		KHZ	49.26	149 eP	43 12.60	-1.4			e	45 25.00
		S	42 58.20	-0.5	NOZ	49.31	142 eP	43 14.00	-0.4			ePPP	48 38.00
XAN	47.27	323 Pc	42 58.20	-0.5	MTW	49.45	146 eP	43 13.60	-1.9			iS	53 21.00
	1.0s	120.00nm	6.0mb		MOW	49.49	146 eP	43 13.20	-2.6X			eSS	57 18.00
	Z 28s	36.10um	6.2MsZ		PGZ	49.53	145 eP	43 14.60	-1.5	MOY	63.70	333 ePd	44 57.90
	N 14s	6.60um			BLW	49.58	146 eP	43 14.10	-2.4		1.5s	220.00nm	6.1mb
	E 14s	9.66um			MQZ	49.74	150 eP	43 16.30	-1.4	80D	63.79	344 iPc	44 57.20
		sP	43 16.00		ODZ	49.79	153 eP	43 18.50	0.5		2.4s	806.00nm	6.5mb
		PcP	44 27.00		TUZ	50.05	154 eP	43 19.70	-0.3	HON	63.84	65 P-	45 02.07
		PP	44 48.00		HHC	50.79	331 P	43 25.00	-0.8		Z 19s	7.02um	5.9MsZ
		PcS	48 26.00			1.0s	99.00nm	5.7mb				S	53 56.26
		S	49 51.00			Z 40s	86.90um	6.5MsZ		DHH	64.01	65 eP	45 00.12
MOZ	47.28	144 eP	42 59.70	1.0		N 24s	39.60um			DRV	64.22	181 eP	45 01.00
WLZ	47.35	143 eP	42 59.70	0.5	BTO	51.36	330 P	43 30.00	-0.2			PP	47 18.00
QRZ	47.60	148 eP	43 00.90	-0.3		1.0s	260.00nm	6.1mb				S	53 22.00
KUR	47.71	6 iPc	43 03.00	1.1		N 17s	20.60um					SS	57 52.00
		e	44 53.00	615kmX		E 17s	21.30um					SSS	00 49.00
		e	52 44.00				PP	45 30.00		ADK	64.64	27 eP	45 02.08
AFI	47.79	107 eP	43 22.00	18.8X			S	50 40.00			1.3s	326.65nm	6.4mb
		eS	50 24.00		LZH	51.74	321 iPd	43 33.46	0.2	HYB	64.82	290 ePd	45 04.00
		e	54 00.00				ed	43 35.36	6km		1.0s	90.00nm	5.9mb
		eLR	58 00.00				ec	43 37.18				eS	53 48.00
MDJ	47.88	349 iPd	43 02.69	-0.6			ec	43 38.76		GBA	65.22	286 P	45 07.00
	1.0s	55.00nm	5.6mb				ec	43 43.89		KKH	65.28	67 (P)	45 08.67
	Z 24s	69.40um	6.6MsZ				ec	43 51.34		MHA	65.50	67 eP	45 10.28
	N 21s	30.30um			MCO	53.99	167 eP	43 48.60	-0.8	WMO	66.31	321 iPd	45 13.80
	E 21s	30.40um			HIA	54.65	343 iPd	43 53.36	-1.1		1.5s	220.00nm	6.1mb
		ed	43 04.01	4km			ed	43 55.10	6km		Z 30s	16.20um	6.1MsZ
		ec	43 06.50				ec	43 56.75				ed	45 15.78
		ec	43 07.49				ec	43 57.66				ec	45 19.26
		ec	43 11.22				ec	44 03.71				ec	45 22.90
		S	49 54.00				ed	44 10.82				S	54 05.00
DSZ	47.88	149 eP	43 03.60	0.2			ec	44 03.71				ScS	55 08.00
TIY	47.95	329 Pc	43 03.80	-0.3			ed	44 10.82				SS	58 20.00
	1.0s	320.00nm	6.4mb		GTA	56.30	322 eP	44 06.00	-0.7	UER	66.89	330 ePd	45 17.00
	Z 20s	57.60um	6.5MsZ			1.0s	140.00nm	5.9mb			1.5s	130.00nm	5.9mb
	N 20s	29.00um				Z 40s	49.70um	6.3MsZ			Z 18s	6.65um	5.9MsZ
	E 19s	25.30um				E 19s	13.80um				N 17s	3.31um	
		S	50 03.00				sP	44 22.50			E 18s	4.15um	
		sS	50 12.00		PET	57.04	12 iP	44 11.50	-0.1			e	45 47.00
BJI	48.01	334 ePd	43 03.50	-0.9		1.0s	100.00nm	5.8mb				e	47 42.00
	1.2s	200.00nm	6.1mb				e	46 16.00	677kmX			e	49 27.00
	Z 36s	63.10um	6.3MsZ				iS	52 08.00				eS	54 07.00
	N 20s	23.70um					eSS	55 52.00				e	54 27.00
		ed	43 05.49	7km			ec	44 16.07	0.4			e	55 07.00
		ec	43 07.31		LSA	57.47	308 iPd	44 16.07	0.4			e	58 17.00
		ec	43 08.55			Z 26s	22.90um	6.2MsZ				e	01 17.00
		ec	43 12.52			E 19s	6.87um			CSY	67.41	193 iPc	45 24.10
		ed	43 19.39				ed	44 17.80	6km			0.8s	47.60nm
		eS	50 04.00				ec	44 21.45		NDI	68.59	302 iPd	45 28.50
CN2	48.06	345 Pd	43 04.30	-0.4			ec	44 24.92			1.0s	125.00nm	6.1mb
	1.0s	110.00nm	5.9mb				iS	52 07.00		AFR	69.25	108 eP	45 33.00
	Z 35s	61.80um	6.3MsZ				eP	44 25.00	-0.2		1.2s	75.00nm	5.8mb
	N 14s	8.35um			CIT	58.97	340 eP	44 25.00	-0.2			POO	69.43
	E 14s	5.20um					eS	52 43.00			1.0s	110.00nm	6.0mb
		PcP	44 32.50		GUN	61.08	304 P	44 40.32	-0.1			iS	54 12.00
		eSS	53 15.00			1.1s	1256.00nm	7.0mb X		PPT	69.44	108 eP	45 36.00
CNZ	48.18	144 eP	43 05.80	-0.1	PKI	61.36	303 P	44 41.80	-0.5		1.2s	80.00nm	5.8mb
NGZ	48.19	144 eP	43 06.50	0.4	SMY	61.41	22 eP	44 40.72	-1.0	PAE	69.45	108 eP	45 35.00
DIW	48.33	147 eP	43 06.90	0.0		0.9s	464.44nm	6.6mb			1.2s	70.00nm	5.7mb

PPN	69.58	108 eP	45 37.00	2.0	MAW	83.44	202 P	46 53.79	1.8	MTA	96.37	312 eP	47 53.20	-0.5
	1.2s	80.00nm		5.8mb	KLK	83.90	27 eP	46 54.65	0.2			e	51 53.00	
TVO	69.77	108 eP	45 39.00	2.8X	TOA	83.96	27 eP	46 55.40	0.6			e	05 53.00	
	1.2s	60.00nm		5.6mb	COL	84.10	24 ePd	46 53.36	-2.0	MJMA	96.38	296 ePc	47 54.60	0.4
PMO	70.90	105 eP	45 44.00	0.9			ed	46 55.34	6km	RMW	96.40	43 eP	47 54.50	0.6
	1.0s	70.00nm		5.7mb			ec	46 57.00		ZSP	96.53	52 eP	47 55.96	1.4
TPT	71.17	105 eP	45 46.00	1.3			e	47 02.21		ERE	96.66	310 iP-	47 58.00	2.7X
	1.0s	65.00nm		5.7mb	FBA	84.10	24 eP	46 53.83	-1.5			e	58 30.00	
VAH	71.17	105 eP	45 46.00	1.3		1.0s	58.91nm		5.8mb	LBFM	96.67	49 eP	47 55.83	0.4
	1.0s	40.00nm		5.5mb	MAIO	84.73	307 iPc	47 00.20	1.0	GCC	96.78	53 eP	47 58.69	3.0X
RUV	71.40	105 eP	45 47.00	0.9		0.8s	80.53nm		6.0mb	ORV	97.06	51 eP	47 56.71	-0.2
	1.0s	40.00nm		5.5mb			eS	57 32.00		ARN	97.13	53 eP	47 57.64	0.2
UKR	71.48	326 eP	45 41.20	-4.8X	BALM	85.45	28 eP	47 01.54	-0.8	VG8	97.23	45 eP	47 59.15	1.5
	2.0s	550.00nm		6.3mb	ASH	85.82	308 P	47 05.00	0.5	PYA	97.51	314 iP	47 58.00	-0.9
ELT	71.80	329 iPc	45 48.00	0.2		1.3s	510.00nm		6.5mb		1.3s	150.00nm		6.5mb
	2.2s	428.00nm		6.2mb	N	20s	6.90um			Z	24s	10.50um		6.2mszX
	Z 19s	18.60um		6.4msz	E	20s	9.77um			N	24s	2.80um		
	N 21s	9.80um					i	47 26.00	77kmX	E	24s	8.40um		
	E 19s	15.20um					e	50 28.00				i	52 01.00	
		iS	55 03.00				ePPP	52 26.00				e	58 32.00	
		e	59 40.00				e	57 26.00				e	59 12.00	
PRZ	71.94	316 eP	45 50.00	0.9			eS	57 40.00				iPS	00 40.00	
	1.4s	490.00nm		6.4mb			e	58 28.00				iPPS	01 36.00	
		eS	55 14.00				e	58 40.00		LLA	97.64	54 eP	48 00.39	0.7
TLG	72.91	317 eP	45 55.00	0.3	SVE	86.79	327 ePd	47 08.00	-0.9	KIV	97.78	314 iPd	47 59.60	-0.7
	3.9s	300.00nm		5.8mb X		3.5s	1080.00nm		6.5mb X			e	52 03.20	
	Z 12s	1.90um		5.6mszX		Z 18s	11.00um					e	54 07.10	
	N 16s	1.90um				N 18s	1.50um					e	48 02.00	0.7
	E 18s	2.70um				E 18s	8.50um			QASM	97.96	296 eP	48 02.00	0.7
		i	48 43.00				e	50 32.00		CMB	98.01	52 eP	48 02.00	0.7
		eS	55 22.00				ePPP	52 24.00				ePP	52 13.00	
		iPS	56 01.00				iS	57 42.00				eS	58 45.00	
AAA	73.21	317 iP	45 57.00	0.5			ePS	58 45.00				ePS	00 43.00	
		iS	55 27.00				e	59 09.00				ePPS	01 32.00	
		iSS	00 06.00				eSS	03 31.00				eSS	06 16.00	
TIK	74.26	356 iPd-	46 00.00	-1.9			eSSS	07 00.00				eLQ	14 13.00	
	3.0s	640.00nm		6.1mb	KAT	87.57	309 iP-	47 14.00	1.0	BCH	98.41	55 eP	48 04.84	1.6
	Z 18s	9.00um		6.1msz		Z 20s	7.00um		6.1msz	YKA	98.56	27 P	48 03.10	-0.1
		e	48 50.00			N 20s	7.00um				1.1s	35.00nm		6.0mb
		eS	55 34.00			E 20s	7.00um			FRI	98.61	53 eP	48 04.28	0.3
		ePS	56 16.00							DPW	98.79	42 eP	48 04.44	-0.2
		ePPS	56 21.00		ARU	87.85	327 (P)	47 13.44	-0.5	APA	98.93	338 iPc	48 03.60	-1.2
SDN	74.49	30 eP	46 02.79	-0.7		1.3s	200.00nm		6.3mb	MEMM	99.17	52 eP	48 08.48	2.0
	1.2s	1154.40nm		6.8mb		Z 20s	10.00um		6.2msz	NEW	99.46	42 eP	48 07.00	-0.7
	Z 21s	9.92um		6.1msz		E 20s	8.50um				1.0s	22.50nm		5.7mb
		S	55 46.98				ed	47 14.26	3km	MOS	99.58	326 eP	48 08.00	0.0
FRU	74.69	316 iPd-	46 05.00	0.0			ec	47 22.54			Z 23s	24.00um		6.6mszX
	3.2s	2300.00nm		6.7mb X			ePPP	52 38.00			N 23s	10.30um		
		i	46 24.50	72kmX			ePS	58 56.00			E 23s	18.50um		
		e	48 46.00				e	59 28.00				e	48 21.00	43kmX
		iS	55 40.00		CRZF	87.92	224 eP	47 30.00	15.5X			eS	59 39.00	
		e	56 30.00				ePP	50 59.00				e	01 02.00	
		eSS	00 30.00				eS	58 01.00		BONR	99.66	52 eP	48 10.07	0.9
AAK	74.71	315 iPd	46 05.42	0.1			eSP	59 29.00		ISA	99.69	54 P-	48 09.71	0.7
		ed	46 07.41	6km			eSS	03 57.00			Z 21s	23.38um		6.7msz
		ec	46 15.69				eSSS	07 30.00		KVN	99.72	51 eP	48 09.93	0.6
PAF	75.96	220 iP	46 25.00	12.9X	SIT	88.34	33 eP	47 17.60	1.3	NVL	99.92	195 eP	48 10.00	0.6
		eS	56 08.00			Z 20s	10.00um		6.2msz		4.0s	805.00nm		6.6mb X
		eSS	00 57.00		SHI	90.04	300 eP	47 26.00	0.8		Z 19s	17.00um		6.6msz
		eSSS	04 30.00		DHR	92.02	296 ePc	47 34.00	-0.1		N 20s	9.50um		
SBA	76.68	175 iPd	46 17.50	1.8			eS	58 10.00			E 20s	16.00um		
ANM	77.22	21 eP	46 19.07	0.2	BAK	92.53	310 iP	47 38.00	1.9			e	48 31.00	76kmX
SVW	79.38	26 eP	46 31.02	0.2	SHE	93.50	310 iPc	47 41.50	0.9			ePP	51 16.00	
	0.9s	161.05nm		6.0mb		1.0s	50.00nm		5.9mb			ePPP	53 54.00	
KDC	79.52	30 eP	46 31.57	0.0		Z 18s	1.50um		5.5msz			eS	58 48.00	
	0.9s	99.12nm		5.8mb		N 18s	4.00um					ePS	01 55.00	
NRI	79.96	343 iPd-	46 32.30	-1.4		E 18s	3.00um					(SS)	06 08.00	
	1.1s	169.00nm		5.9mb			i	51 33.00				(SSS)	10 36.00	
		i	49 34.00				iS	58 51.00		SOC	99.96	314 eP	48 06.00	-4.0X
		eS	56 30.00		KER	94.73	304 eP	47 48.00	1.3		Z 21s	6.00um		6.1msz
		ePS	57 21.00		RYD	95.19	294 ePc	47 49.00	0.2		N 21s	3.00um		
TTA	80.00	24 eP	46 34.44	0.3			eS	59 10.00			E 21s	3.00um		
	1.0s	62.95nm		5.5mb	GRS	95.27	309 eP	47 48.00	-1.1			e	52 20.00	
BRVK	80.53	325 iPc	46 38.00	0.9		1.2s	120.00nm		6.2mb			e	58 38.00	
	1.0s	248.00nm		6.2mb			e	51 46.00		OBN	100.27	326 ePd	48 08.53	-2.6X
		eS	56 41.00				eSS	05 40.00			1.2s	53.00nm		6.0mb
CKN	80.96	27 eP	46 39.56	0.3			e	51 40.00			Z 22s	19.00um		6.6msz
CRP	80.99	27 eP	46 37.77	-1.8	TAB	95.31	308 eP	47 50.00	0.7		N 22s	11.00um		
SPU	81.00	27 eP	46 37.90	-1.6			i	51 41.00			E 22s	13.00um		
SLKM	81.60	28 eP	46 41.89	-0.7	GRO	95.65	313 iPd-	47 50.00	-0.4			ec	48 18.05	
IMA	82.23	22 eP	46 45.47	-0.5		2.0s	360.00nm		6.5mb			ePP	54 31.00	
	1.2s	78.61nm		5.7mb			i	58 26.00				i	58 50.00	
PMR	82.46	27 eP	46 45.13	-1.8			iPS	01 12.00				(S)	59 42.00	
	0.8s	109.65nm		6.1mb			i	51 44.00				iSS	06 42.00	
	Z 20s	22.18um		6.5msz	GMW	95.73	43 eP	47 51.47	0.7					
		e	46 57.58	42kmX	SHW	96.17	44 eP	47 54.85	1.8	KEV	100.40	341 ePd	48 10.00	-1.4
		S	57 02.06		WDC	96.21	50 P	47 55.88	2.7X		1.0s	36.00nm		5.9mb
						Z 21s	16.71um		6.5msz		Z 20s	19.60um		6.6msz

GRF	116.62	326	ePKP	53	09.60	0.2
CEY	116.63	321	ePKP	53	09.40	-0.2
BHG	116.65	324	ePKP	53	10.50	1.0
KBA	116.68	323	iPKPd	53	09.60	-0.2
	0.7 s	8.60nm				
			i	54	17.10	
			i	54	23.80	
VOY	116.83	322	ePKP	53	09.30	-0.7
			ePP	54	10.20	
TRI	117.06	321	e(PKP)	53	06.00	-4.3X
			e(PP)	54	16.00	
			e(SP)	04	00.00	
			e	05	44.00	
			e(SS)	10	16.00	
			e	11	00.00	
WIT	117.24	331	ePKP	53	13.00	2.6X
FVI	117.25	323	PKP	53	10.50	-0.1
SIO	117.34	51	ePKP	53	11.00	-0.2
			e	53	22.50	
FUR	117.37	325	ePKP	53	08.40	-2.5
WTS	117.66	330	ePKP	53	12.00	0.8
	1.0 s	25.00nm				
TUL	117.69	50	ePKP	53	12.20	0.4
	1.2 s	41.00nm				
			e	53	23.20	
LNO	117.69	50	ePKP	53	11.90	0.2
			e	53	23.10	
LNO2	117.69	50	ePKP	53	12.00	0.2
			e	53	23.20	
LNO3	117.69	50	ePKP	53	12.10	0.3
			e	53	23.30	
VVO	117.91	51	e(PKP)	53	12.30	0.0
BNS	118.08	329	iPdiff	49	37.50	7.0X
BNS	118.08	329	iPKPc	53	12.30	0.2
Z	20 s	23.00um				6.8msz
			ePP+	54	25.00	
			ePS	04	15.00	
RLO	118.19	50	ePKP	53	11.10	-1.7
			e	53	24.10	
SOI	118.64	313	PKP	53	13.10	-0.5
OSS	118.79	324	PKP	53	13.77	-0.1
ENN	118.84	329	ePKP	53	14.90	1.4
	1.0 s	33.00nm				
JFWS	118.96	41	ePKP	53	12.60	-1.4
Z	22 s	7.92um				6.3msz
PPM	119.16	70	iPdiff	49	49.20	12.5X
SLE	119.17	325	PKP	53	15.65	1.3
ELO	119.18	339	ePKP	53	13.90	-0.1
ESY	119.18	338	ePKPd	53	13.80	-0.2
	1.0 s	43.00nm				
EBH	119.27	338	ePKPd	53	14.00	-0.2
UYO	119.28	52	iPKPc	53	13.00	-1.9
VDL	119.29	324	PKP	53	15.97	1.1
LLS	119.36	324	PKP	53	14.69	-0.3
WLF	119.38	328	iPKPc	53	15.84	1.3
ZLA	119.39	325	PKP	53	15.64	0.9
EBL	119.45	338	ePKP	53	14.20	-0.4
CDF	119.49	327	ePKP	53	13.60	-1.4
	0.7 s	5.50nm				
FIR	119.54	320	e(PKP)	53	21.00	5.9X
EAU	119.56	338	ePKP	53	15.10	0.3
UCC	119.61	330	PKP	53	17.00	2.0
			PP	54	43.00	
			e	04	37.00	
EAB	119.62	339	ePKP	53	14.90	0.0
BDI	119.82	321	PKP	53	14.30	-1.4
EKA	119.83	337	PKP	53	16.00	0.7
	0.7 s	13.30nm				
SNF	119.83	330	iPKP	53	16.16	0.8
TMA	119.84	324	PKP	53	14.60	-1.3
MIAR	119.85	51	ePKP	53	16.02	0.0
Z	21 s	15.46um				6.6msz
			ePP	54	36.02	
DOU	119.93	329	PKP	53	16.20	0.6
			PP	54	44.00	
			SKSP	04		

FVM	120.94	46	ePKPd	53	16.86	-1.1	RSNY	127.42	32	ePKP	53	30.22	-0.1	TRN	156.03	69	ePKP	54	21.00	1.0
Z	21s		27.09um			6.9Msz	Z	21s		15.00um			6.6Msz	TTP	156.09	70	ePKP	54	20.18	0.1
EMS	121.00	324	PKP	53	19.78	1.7	EBR	127.85	323	ePKP	53	33.00	1.8	BDF	159.96	153	ePKP	54	26.80	2.0
OLY	121.13	49	ePKP	53	17.44	-1.0				ePP	55	36.00		PDCR	165.24	179	ePKP	54	30.70	0.9
LPG	121.42	324	ePKP	53	18.30	-0.7	NAV	128.01	43	ePKP	53	31.17	-0.5				e	55	27.70	
	0.9s		27.70nm							ePP	55	31.73		S.D. = 1.0 on 411 of 473 obs.						
LPL	121.42	324	ePKP	53	18.20	-0.7	BLA	128.32	43	ePKP	53	31.35	-0.9	OCT 31, 1992 14h 46m 27.01± 0.12s						
	0.7s		17.75nm							ePP	55	34.98		2.298 S ± 2.6km 141.256 E ± 3.3km						
PGF	121.58	320	ePKP	53	18.10	-1.1	ECRI	128.48	326	ePKP	53	31.80	-0.6	DEPTH = 28.9km (15 depth phases)						
	1.0s		57.80nm				PRM	128.52	47	ePKP	53	32.75	0.1	5.8mb (70 obs.) 6.1Msz (23 obs.)						
WME	121.72	337	ePKP	53	19.00	0.1	CBM	128.75	26	ePKP	53	31.50	-1.2	NEAR N COAST OF NEW GUINEA, PNG.(200)						
	1.0s		98.00nm				JSC	129.23	46	ePKP	53	34.18	0.2	MNDI	4.52	148	iP	47	49.00	13.5X
SBF	121.89	322	ePKP	53	18.60	-1.1	ETOR	129.37	324	ePKP	53	35.00	0.8	YYYY	6.12	130	eP	48	00.20	2.2
	0.7s		23.25nm				LHS	129.45	46	ePKP	53	34.23	-0.2	PMG	9.18	141	eP	48	50.00	9.4X
SURF	121.94	323	PKP	53	19.69	-0.2	ECHE	129.48	322	ePKP	53	35.80	1.4	RAB	11.05	100	eP	49	11.00	4.7X
LOR	122.03	327	ePKP	53	19.10	-0.7	MIM	129.64	28	(PKP)	53	34.95	0.5	GUA	16.15	13	eP	50	17.60	4.0X
	0.6s		31.25nm				LVNJ	129.76	36	ePKP	53	33.74	-1.1		1.0s			640.00nm	5.7mb	
Z	23s		11.60um			6.5MszX	CBN	129.77	40	ePKP	53	35.00	0.1	GUMO	16.18	13	eP	50	18.10	4.0X
ELC	122.09	47	ePKP	53	19.59	-0.6				e	53	47.00			1.1s			772.00nm	5.7mb	
LBF	122.14	327	ePKP	53	19.20	-0.8	TBR	129.86	35	ePKP	53	35.04	0.0	PJG	16.18	13	eP	50	18.00	3.9X
	1.0s		26.60nm				CEH	129.92	43	ePKP	53	35.33	0.1	MNI	16.83	283	ePc	50	22.00	-0.3
GRN	122.15	324	PKP	53	19.44	-0.7		Z	21s		6.40um		6.3Msz				eS	53	20.60	
DMU	122.33	338	iPKPc	53	20.20	0.1	GMTN	130.05	35	iPKP	53	36.60	1.2	NMCC	17.89	14	eP	50	36.00	0.5
	0.8s		71.00nm				PNJ	130.05	35	iPKP	53	35.80	0.5	KNA	18.17	222	eP	50	30.00	-9.0X
SSF	122.35	327	ePKP	53	19.90	-0.5	SGS	130.30	47	ePKP	53	35.51	-0.5	KNA	18.17	222	eP	50	37.00	-2.0
	0.8s		26.85nm				HRV	130.39	32	ePKP	53	36.90	0.9	OIS	18.22	185	eP	50	38.50	-1.1
SMF	122.42	326	ePKP	53	19.90	-0.6	EMON	130.45	330	ePKP	53	37.50	1.4		0.4s			9.00nm	4.3mb X	
	1.2s		72.90nm				HBF	130.52	47	ePKP	53	37.75	1.3	BIP	18.25	305	ePd	50	39.00	-1.0
FRF	122.53	322	ePKP	53	20.00	-0.8	GUD	130.70	325	ePKP	53	37.50	0.7	KUPT	19.19	245	eP	50	52.50	1.1
	0.8s		20.95nm				EMM	130.73	27	ePKP	53	36.39	-0.1		0.7s			483.70nm	5.9mb	
AVF	122.60	327	ePKP	53	19.90	-0.9	EALH	130.81	321	ePKP	53	37.20	0.3	SVO	19.67	111	eP	50	53.00	-3.9X
	0.6s		10.30nm				LMN	131.00	24	ePKP	53	42.00	5.0X	HNR	19.89	112	eP	50	55.00	-4.2X
DLF	122.66	338	ePKP	53	20.90	0.2	EVIA	131.01	322	ePKP	53	39.20	1.8	PLP	21.00	310	ePd	51	08.50	-2.2
LMR	122.74	322	ePKP	53	20.30	-0.9	ERUA	131.11	329	ePKP	53	40.00	2.6X	MAP	21.28	306	iPc	51	13.10	-0.5
	0.7s		13.80nm				STS	131.46	330	ePKP	53	40.00	2.0	MKS	21.93	262	iPc	51	21.10	1.0
LRG	122.77	322	ePKP	53	20.60	-0.6	PAB	131.53	324	ePKP	53	40.00	1.6X		1.5s			1367.70nm	6.2mb	
	0.9s		51.45nm							eS	04	29.00		ASPA	22.40	198	iPd	51	24.70	-0.1
Z	22s		16.85um			6.7Msz	EHUE	131.58	321	ePKP	53	40.60	2.1		0.7s			121.10nm	5.5mb	
BCAO	122.80	274	iPKPd	53	22.00	-0.2	EBAN	132.09	323	ePKP	53	40.70	1.3	TSM	24.27	286	ePc	51	44.90	1.9
	0.9s		77.00nm				EPLA	132.18	326	ePKP	53	41.50	2.0	OLP	24.32	174	eP	51	45.10	1.7
			ic	53	26.50		ELUO	132.77	322	ePKP	53	41.50	0.8	RMO	25.11	164	iPc	51	52.30	1.3
			id	55	02.00		EGUA	132.79	321	ePKP	53	40.30	-0.4	KKM	26.34	288	ePd	52	03.00	0.3
SSB	122.83	325	PKP	53	19.83	-1.5	EHOR	133.19	323	ePKP	53	41.80	0.4		1.1s			250.60nm	5.7mb	
DCN	122.90	338	iPKPc	53	21.50	0.3	MAL	133.39	321	iPKP+	53	44.00	2.2X	BRS	27.28	157	iP	52	10.20	-0.9
	0.8s		87.00nm							iPS	15	07.70					i	52	15.00	17kmX
ETA	123.00	337	ePKP	53	20.00	-1.4	EPRU	133.74	322	iPKPd	53	45.70	3.1X	WARB	27.59	209	eP	52	13.40	-0.5
BGF	123.01	327	ePKP	53	21.10	-0.5	EJIF	134.22	322	ePKP	53	44.60	1.2	CVP	27.60	317	ePd	52	15.00	0.9
	0.7s		43.20nm				EVAL	134.24	324	ePKP	53	41.70	-1.8	MBL	28.05	226	eP	52	16.00	-2.1
LDF	123.26	330	ePKP	53	21.20	-0.8	IFR	135.83	318	iPKP	53	41.00	-5.8X	CMS	29.35	172	iPc	52	29.90	0.2
	1.0s		33.80nm				TCA	138.47	146	ePKPc	53	43.20	-8.6X		1.1s			150.00nm	5.7mb	
FLN	123.32	331	ePKP	53	21.40	-0.7	LPA	138.82	156	ePKP-	53	49.00	-3.1X	ARMA	29.65	162	eP	52	38.00	28km
	0.8s		43.40nm					Z	20s		11.35um		6.6Msz		1.2s			171.00nm	5.7mb	
Z	22s		13.30um			6.6Msz				ePP	56	40.00		FORT	30.96	202	eP	52	43.70	-0.3
MAF	123.37	327	ePKP	53	21.80	-0.6	TIO	138.84	317	iPKP	53	52.50	0.0	DZM	31.39	131	iPc	52	46.40	-1.6
	1.2s		39.00nm				NNA	139.55	111	ePKP	53	54.00	-0.1	NANU	32.08	229	eP	52	53.00	-0.9
ECP	123.46	337	ePKP	53	23.00	0.7				1.0s		28.00nm		MEEK	32.52	220	eP	52	56.50	-1.3
ECB	123.48	337	ePKP	53	22.00	-0.3	PSO	141.42	91	ePKP	53	53.50	-4.4X	BWA	32.65	169	iPc	53	00.10	1.3
TCF	123.53	327	ePKP	53	22.20	-0.5	ARE	142.65	121	ePKP	53	56.00	-3.8X				iPp	53	08.20	28km
	0.8s		61.50nm				BOG	144.67	85	iPKPd	54	03.50	0.1	CAN	33.64	169	iPc	53	08.10	0.7
EEO	123.64	32	ePKP	53	29.00	6.1X	CFTV	144.98	320	iPKPc	54	03.60	0.4		0.9s			87.00nm	5.7mb	
GRR	123.76	331	ePKP	53	22.40	-0.6	CNCB	145.44	124	iPKPd	54	05.10	0.2	BFD	34.73	178	iPc	53	17.40	0.7
	0.8s		39.20nm				LPB	145.48	124	PKP	54	05.10	0.3		1.1s			304.00nm	6.1mb	
LSF																				

31d 14h

KAKJ	38.32	359	eP	53	45.40	-1.5	DMN	61.60	303	P	56	44.90	0.0	BRW	83.48	17	eP	58	54.60	1.7	
MAT	38.74	356	iPc	53	49.20	-1.4		1.5s	1052.00nm			6.7mb		KLU	83.88	27	ePd	58	55.58	0.3	
	1.6s	200.00nm			5.6mb		ZAK	61.73	333	iPd	56	45.00	0.0	TOA	83.94	27	eP	58	56.90	1.3	
MTMJ	38.82	356	eP	53	49.90	-1.4		2.0s	446.00nm			6.2mb		FBA	84.08	24	ePd	58	54.87	-1.3	
RKG	39.26	212	eP	53	55.50	0.6	GKN	62.13	303	P	56	48.14	-0.2		1.2s	63.66nm			5.7mb		
NIIJ	39.39	357	eP	53	55.20	-0.7		1.5s	1326.00nm			6.8mb X		MAIO	84.71	307	iPd	59	02.00	2.0	
NJ2	40.23	330	eP	54	03.00	0.1	IRK	62.66	335	ePd	56	50.00	-1.2		0.9s	60.10nm			5.8mb		
	1.2s	110.00nm			5.5mb			1.8s	139.00nm			5.8mb		BALM	85.44	28	ePd	59	03.20	0.1	
YAMJ	40.28	359	eP	54	02.70	-0.6		e			56	58.50	27km	ARU	87.83	327	iP	59	14.00	-0.7	
IPM	40.77	280	ePd	54	07.50	-0.2		e			57	22.00			i			59	23.50	30km	
	1.4s	340.10nm			5.9mb		MGD	62.66	5	eP	56	50.00	-1.0	SIT	88.33	33	eP	59	17.63	0.6	
PPI	40.89	272	iPc	54	08.50	-0.1	MOY	63.67	333	ePd	56	58.10	0.3		1.3s	86.89nm			5.9mb		
	1.0s	291.20nm			6.0mb			1.3s	100.00nm			5.8mb		Z	19s	5.41um			6.0Msz		
OFUJ	41.17	0	eP	54	10.80	0.2	BOD	63.76	344	eP	56	57.60	-0.8	GRS	95.25	309	eP	59	49.00	-0.8	
SNG	41.63	283	eP	54	15.00	0.3		2.0s	259.00nm			6.0mb			1.5s	130.00nm			6.1mb		
	1.8s	1536.36nm			6.4mb		HON	63.84	65	P	57	10.00	10.5X	TAB	95.29	308	e(P)	59	50.00	0.0	
NNT	43.80	291	iPc	54	32.10	-0.3	Z	18s	6.24um			5.8Msz		GMW	95.71	43	eP	59	51.18	-0.4	
GYA	43.97	313	iPd	54	35.00	1.3	ADK	64.62	27	eP	57	02.29	-1.8	WDC	96.20	50	P	00	00.00	6.1X	
	1.2s	150.00nm			5.7mb			1.1s	208.33nm			6.2mb		Z	19s	8.10um			6.2Msz		
	pP		54	45.00	34km		HYB	64.81	290	ePd	57	04.10	-1.8	RMW	96.38	43	eP	59	55.28	0.6	
NST	44.41	295	eP	54	40.50	3.2X		1.4s	162.50nm			5.9mb		ERE	96.64	310	eP	59	54.00	-2.0	
TIA	44.43	332	Pd	54	37.20	0.0	GBA	65.21	286	P	57	08.00	-0.4	LBFM	96.66	49	eP	59	57.22	1.0	
	1.4s	270.00nm			5.9mb		MHA	65.50	67	eP	57	11.32	1.1	ORV	97.05	51	eP	59	57.72	0.0	
HOIJ	44.51	2	eP	54	38.40	0.7	WMO	66.29	321	P	57	15.00	-0.1	VGB	97.22	45	eP	59	59.39	0.9	
MRRJ	44.51	360	eP	54	37.80	0.1		1.2s	120.00nm			5.9mb		CMB	98.00	52	P	00	10.00	7.9X	
KUSJ	45.29	4	eP	54	42.70	-1.3	Z	20s	11.50um			6.1Msz		Z	19s	6.33um			6.1Msz		
BDT	45.97	297	eP	54	48.50	-1.2	N	14s	5.76um					YKA	98.55	27	P	00	04.30	0.3	
KMI	46.22	309	Pd	54	52.50	0.6	E	14s	3.56um						1.1s	25.00nm			5.7mb		
	1.9s	400.00nm			6.0mb			pP		57	24.00	29km	DPW	98.77	42	eP	00	05.56	0.1		
ASAJ	46.22	1	eP	54	51.70	0.4		S		06	00.00		NEW	99.45	42	eP	00	09.00	0.5		
KUZ	46.73	141	eP	54	53.00	-2.5		ScS		07	04.00			1.0s	12.50nm			5.4mb			
SNY	46.76	342	Pd	54	56.00	0.4	UER	66.87	330	iPd	57	18.00	-0.4	BONR	99.65	52	eP	00	10.46	0.5	
	1.6s	230.00nm			5.9mb			2.0s	150.00nm			5.8mb		ISA	99.68	54	P	00	20.00	10.1X	
	sP		55	11.60			CSY	67.43	193	iPc	57	26.00	4.2X	Z	19s	9.72um			6.3Msz		
XAN	47.24	323	P	54	59.50	-0.1		1.1s	33.20nm			5.4mb		OBN	100.25	326	ePd diff	00	11.00	-0.9	
	1.5s	230.00nm			6.0mb		NDI	68.57	302	iPd	57	24.00	-5.7X		1.1s	39.00nm			5.9mb		
Z	14s	4.39um			5.6Msz X			1.0s	70.00nm			5.7mb		Z	18s	3.80um			5.9Msz		
N	14s	2.50um					POO	69.41	291	iPd	57	34.00	-1.0		N	18s	1.70um				
E	13s	3.82um					PMO	70.91	105	iP	57	44.80	0.7		E	18s	3.00um				
	sP		55	16.50				1.4s	160.00nm			5.9mb			i		04	16.00			
	S		01	51.00			TPT	71.18	105	iP	57	46.30	0.6		(S)		11	48.00			
MDJ	47.85	349	eP	55	04.00	-0.2		1.4s	125.00nm			5.8mb		LRM	102.97	44	ePd diff	00	24.80	0.2	
	2.0s	230.00nm			5.9mb		VAH	71.18	105	iP	57	47.20	1.5	SES	103.01	39	ePd diff	00	25.00	0.6	
TIY	47.93	329	Pd	55	05.40	0.4		1.4s	85.00nm			5.6mb		KAF	103.49	334	iPd diff	00	25.50	-0.6	
BJI	47.99	334	eP	55	05.00	-0.3	RUV	71.41	105	iP	57	47.30	0.2		1.1s	30.30nm			6.0mb		
	1.6s	440.00nm			6.2mb			1.4s	100.00nm			5.7mb		DAG	104.78	355	iPd diff	00	30.80	-0.8	
CN2	48.04	345	eP	55	05.00	-0.6	KSH	72.64	313	P	57	56.40	2.2		0.9s	9.24nm			5.7mb		
	1.0s	80.00nm			5.7mb			1.5s	330.00nm			6.1mb		NUR	104.83	333	ePd diff	00	31.90	-0.2	
	epP		55	13.00	27km		Z	20s	3.70um			5.7Msz			1.2s	29.70nm			6.1mb		
	PcP		56	33.40			N	15s	4.30um					TUC	106.38	57	PKP	05	00.00	8.7X	
CD2	48.62	316	iPd	55	11.00	0.6	E	16s	4.10um					Z	19s	5.28um			6.1Msz		
	1.2s	490.00nm			6.4mb			PP		00	30.00			RSSD	109.17	44	PKP	05	10.00	13.6X	
TCW	48.83	147	eP	55	11.00	-0.8		eS		07	10.00			Z	20s	6.80um			6.2Msz		
LTZ	48.90	150	eP	55	11.30	-1.1	TIK	74.24	356	iPd	58	01.00	-1.7	GOL	109.34	49	PKP	05	10.00	13.1X	
KIW	48.95	146	eP	55	11.90	-0.8		2.0s	123.00nm			5.6mb		Z	21s	8.08um			6.3Msz		
MRW	49.08	147	eP	55	12.30	-1.4		i		58	11.00	32km	ALO	109.51	54	PKP	05	10.00	12.7X		
MNG	49.10	145	eP	55	12.10	-1.8	SDN	74.47	30	eP	58	04.90	0.6	Z	20s	5.39um			6.1Msz		
CAW	49.20	146	eP	55	13.40	-1.3	SDN	74.47	30	P	58	10.00	5.7X	ULM	112.25	36	ePKP	05	08.50	6.8X	
KHZ	49.29	149	eP	55	13.70	-1.6		Z	19s	8.56um			6.1Msz	ZST	113.89	323	e(PKP)	05	04.20	-0.8	
NOZ	49.33	142	eP	55	13.40	-2.3	FRU	74.66	316	iPd	58	07.00	1.2		e		06	11.00			
MTW	49.48	146	eP	55	15.40	-1.4		2.0s	240.00nm			5.9mb			e		23	03.70			
BLW	49.60	146	eP	55	16.60	-1.2		i		58	16.50	30km	BRG	114.49	326	iPKPc	05	06.60	0.6		
HHC	50.76	331	P	55	27.00	0.3				58	19.00	-0.7		1.2s	21.00nm						
	1.3s	81.00nm			5.5mb		ANM	77.20	21	eP	58	24.20	1.2		e		05	53.00			
BTO	51.34	330	P	55	31.00	-0.1	QUE	77.64	301	eP	58	32.56	0.9	PRU	114.58	325	ePKP	05	07.00	0.8	
	1.2s	160.00nm			5.8mb		SVW	79.36	26	ePd	58	32.55	0.2		e		06	16.00			
LZH	51.72	321	iPd	55	34.50	0.3		1.2s	188.56nm			6.0mb		CLL	114.79	327	e(PKP)	05	07.00	0.4	
	1.5s	390.00nm			6.1mb		KDC	79.50	30	eP	58	32.55	0.2		1.6s	20.00nm					
Z	19s	6.44um			5.7Msz			1.0s	64.98nm			5.6mb		KHC	115.54	325	ePKP	05	07.70	-0.5	
E	16s	5.66um					NRI	79.93	343	iPd	58	33.00	-1.5		1.1s	6.30nm					
	pP		55	44.50	33km			i		01	32.00				e		05	19.50			
	eS		02	45.00			TTA	79.98	24	ePd	58	36.40	1.4	GEC2	115.61	324	Pd diff	01	19.20	-1.3	
MCO	54.01	167	eP	55	50.50	-0.1		1.2s	101.90nm			5.7mb			1.0s	2.22nm					
GTA	56.28	322	iPd	56	07.60	0.0	BRVK	80.51	325	iPd	58	39.00	1.1	GEC2	115.61	324	PKP	05	08.80	0.4	
	1.5s	160.00nm			5.8mb			1.0s	188.00nm			5.8mb			1.1s	4.75nm					
	pP		56	15.50	26km			eS		08	46.00		MOX	115.88	327	ePKP	05	09.10	0.4		
	sP		56	19.00			CKN	80.94	27	eP	58	38.67	-1.4		1.7s	35.00nm					
	PcP		57	05.00			CRP	80.97	27	eP	58	38.46	-1.9	VBY	116.19	321	ePKP	05	10.30	0.9	
GUN	61.06	304	P	56	41.44	0.1	SPU	80.98	27	eP	58	38.63	-1.7	ENN	118.82	329	ePKP	05	15.00		

EKA	119.80	337 PKP	05 17.00	1.0	KIC	145.86	278 PKP	06 06.38	0.6	TIY	47.90	329 eP	13 02.00	-1.2	
	1.0s	15.60nm				1.5s	599.50nm			BJI	47.96	334 eP	13 02.50	-1.0	
SNF	119.80	330 iPKP	05 17.13	1.0	TIC	146.11	278 PKP	06 06.58	0.4		1.7s	82.00nm		5.5mb	
MIAR	119.84	51 ePKP	05 16.33	-0.4		1.1s	124.50nm			CN2	48.02	345 eP	13 04.20	0.3	
Z	19s	5.24um		6.2Msz	LIC	146.16	278 PKP	06 06.90	0.7		0.8s	8.10nm		4.8mb	
		e	05 27.22			1.3s	244.50nm				eP	13 11.00	23km		
DOU	119.90	329 PKP	05 17.70	1.4	SDV	147.61	77 iPKPc	06 09.30	0.5	CD2	48.58	316 eP	13 08.40	-0.2	
BSF	120.07	326 ePKP	05 17.00	0.1	APR	148.22	58 (PKP)	06 12.00	2.6X		1.0s	77.00nm		5.7mb	
	1.3s	42.25nm			TOV	148.26	75 ePKPc	06 10.20	0.5	YSS	49.12	1 eP	13 10.30	-2.0	
HAU	120.21	327 ePKP	05 17.40	0.3			iPP	06 17.20		HHC	50.73	331 P	13 25.50	0.6	
	1.2s	34.80nm			PORP	148.48	58 (PKP)	06 08.00	-1.8		1.0s	18.00nm		5.0mb	
JAQ	120.37	24 ePKP	05 16.00	-1.1	CLLP	148.52	58 (PKP)	06 08.00	-1.8	BTO	51.30	330 eP	13 28.00	-1.3	
SLM	120.80	46 PKP	05 30.00	11.6X	PDCR	165.26	179 ePKP	06 31.50	0.9	LZH	51.68	321 Pd	13 31.70	-0.6	
	Z 19s	4.53um		6.1Msz			e	07 28.70			2.0s	110.00nm		5.5mb	
FVM	120.93	46 ePKP	05 18.02	-0.7		S.D. = 1.0	on 218 of 246 obs.			Z	20s	3.22um		5.4Msz	
	Z 20s	20.15um		6.8Msz						N	13s	2.07um			
LPG	121.39	324 ePKP	05 20.20	0.5		OCT 31, 1992 15h 04m 25.28± 0.25s					pP	13 41.00	31km		
	1.0s	10.40nm				2.293 S ± 4.3km 141.198 E ± 6.2km					sP	13 45.00			
LPL	121.40	324 ePKP	05 20.10	0.5		DEPTH = 27.7km (8 depth phases)			GTA	56.24	322 eP	14 04.00	-1.8		
	0.9s	7.85nm				5.3mb (25 obs.) 5.4Msz (1 obs.)				1.5s	29.00nm		5.1mb		
PGF	121.56	320 ePKP	05 21.20	1.3		NEAR N COAST OF NEW GUINEA, PNG. (200)			ZAK	61.70	333 eP	14 45.00	1.8		
	1.3s	55.25nm								1.9s	85.00nm		5.6mb		
LOR	122.01	327 ePKP	05 21.10	0.6	WWKK	2.76	119 eP	05 07.10	-1.6	ELT	71.75	329 eP	15 47.00	0.1	
	1.5s	40.20nm			MNDI	4.55	147 eP	05 39.40	5.0X		2.0s	51.00nm		5.2mb	
ELC	122.08	47 ePKP	05 19.93	-1.0			eS	09 04.00		KSH	72.60	313 eP	15 54.00	1.6	
LBF	122.11	327 ePKP	05 21.20	0.5	PMG	9.22	140 eP	06 40.00	0.4	TIK	74.23	356 eP	16 00.00	-1.1	
	1.1s	18.80nm			QIS	18.22	185 eP	08 40.00	2.0		2.5s	89.00nm		5.3mb	
SSF	122.33	327 ePKP	05 21.80	0.7	KUPT	19.14	245 eP	08 50.50	1.3	QUE	77.59	301 eP	16 21.70	0.5	
	1.4s	53.60nm				0.5s	240.10nm		5.7mb	NRI	79.91	343 eP	16 31.00	-1.8	
SMF	122.39	326 ePKP	05 21.80	0.6	SVO	19.73	111 P	08 56.00	0.1		e	16 40.00	29km		
	1.4s	53.60nm			HNR	19.94	112 P	08 55.00	-3.2X	BRVK	80.47	325 iPc	16 37.0		

KNA	18.16	222	eP	33	39.00	-2.3
QIS	18.19	185	eP	33	51.00	9.2X
	0.2s		2.00nm			3.9mb
			e	39	21.50	
KUPT	19.19	245	eP	33	54.50	0.5
	0.5s		120.10nm			5.4mb
SVO	19.65	111	eP	33	58.00	-1.3
HNR	19.87	112	eP	33	59.00	-2.5
			eS	37	40.00	
MKS	21.94	262	ePd	34	24.30	1.6
ASPA	22.38	198	iPc	34	26.10	-1.1
	0.9s		43.20nm			4.9mb
			eS	38	32.50	
QLP	24.29	174	eP	34	46.80	1.1
	0.3s		59.00nm			5.6mb
TSM	24.29	286	eP	34	47.00	1.3
RMQ	25.08	164	iPd	34	55.20	1.9
	1.0s		235.00nm			5.8mb
			iPp	35	04.00	31km
KKM	26.36	288	ePc	35	05.70	0.2
BRS	27.25	157	iPc	35	13.00	-0.4
WARB	27.57	209	eP	35	16.00	-0.3
MBL	28.04	227	eP	35	18.30	-2.3
CMS	29.32	172	eP	35	32.30	0.3
	1.2s		39.00nm			5.0mb
STK	29.40	179	eP	35	32.70	0.0
ARMA	29.62	162	eP	35	35.00	0.2
	1.2s		44.00nm			5.1mb
FORT	30.94	202	eP	35	45.00	-1.3
DZM	31.37	131	iPd	35	56.90	6.5X
ADE	32.56	184	e(P)	36	00.70	0.1
BWA	32.62	169	eP	36	02.40	1.2
			iPp	36	10.40	28km
CAN	33.60	169	eP	36	10.90	1.2
			iPp	36	18.30	25km
CNB	33.67	168	eP	36	11.40	1.1
	1.0s		29.00nm			5.2mb
BFD	34.70	178	eP	36	19.40	0.4
	1.1s		62.00nm			5.5mb
KAGJ	34.76	344	eP	36	21.40	1.8
TOO	35.29	174	eP	36	25.50	1.4
	1.0s		72.00nm			5.6mb
MRWA	35.96	219	eP	36	28.00	-1.9
	0.5s		15.00nm			5.2mb
KUMJ	36.05	345	eP	36	30.30	-0.3
MUN	37.77	216	eP	36	44.00	-1.1
TSRJ	37.99	353	eP	36	54.30	7.5X
CHJJ	38.23	357	P	36	48.00	-0.9
SSE	38.34	332	Pc	36	48.20	-1.6
	1.0s		27.00nm			5.0mb
			pP	36	58.00	33km
KAKJ	38.35	359	eP	36	50.90	1.1
MAT	38.77	356	(P)	36	50.00	-3.4X
	1.6s		90.00nm			5.3mb
MTMJ	38.85	356	eP	36	52.10	-2.0
NIJJ	39.42	357	eP	36	57.70	-1.1
NJ2	40.26	330	Pd	37	07.00	1.2
	1.0s		34.00nm			5.0mb
			eP	37	06.10	0.0
YAMJ	40.31	359	eP	37	09.80	-0.6
IPM	40.79	280	ePd	37	20.80	7.4X
OFUJ	41.20	0	eP	37	20.80	1.5
WHN	41.56	324	eP	37	18.00	27km
			pP	37	26.00	-0.4
SNG	41.65	283	eP	37	17.00	-0.6
LOE	43.64	298	eP	37	33.00	0.8
GYA	44.00	313	P	37	37.40	
	1.2s		32.00nm			5.0mb
OUZ	44.40	141	eP	37	41.80	2.2
			e	37	49.60	26km
TIA	44.47	332	eP	37	39.80	-0.3

31d 18h

MSU 30.69 326 (P) 18 38.95 -13.9X
 RSNY 33.21 21 eP 19 13.69 -0.7
 0.9s 19.74nm 4.8mb
 EEO 33.75 15 ePc 19 22.70 3.7X
 ULM 36.14 354 eP 19 44.00 4.9X
 LRM 36.39 334 eP 19 43.70 2.1X
 20 18.10
 LPB 37.91 143 P 19 55.10 0.3
 CNCB 38.20 143 P 20 01.20 3.8X
 LMN 38.35 30 eP 20 02.00 4.3X
 JAQ 41.20 14 eP 20 20.00 -1.1
 PDCR 57.67 115 (P) 22 26.00 -0.9
 EKA 77.06 36 P 24 27.00 -0.3
 2.5s 171.30nm 5.3mb
 GEC2 88.65 40 P 25 33.00 6.2X
 1.2s 1.58nm 3.8mb
 GBA 149.96 23 PKP 32 24.00 5.2X
 S.D. = 0.9 on 29 of 37 obs.

? OCT 31, 1992 18h 23m 19.40 ± 1.05s
 17.544 S ± 27.1km 65.422 E ± 18.1km
 DEPTH = 10.0km (geophysicist)
 5.1mb (10 obs.)

MAURITIUS-REUNION REGION (427)

HYB 37.07 21 eP 30 30.50 -1.2
 MUN 47.89 117 eP 32 25.00 25.2X
 BCAA 51.16 291 iPc 32 31.00 5.9X
 1.0s 15.00nm 4.9mb
 36 46.50
 MBL 51.26 103 eP 32 26.00 0.2
 LZH 64.55 34 eP 33 47.60 -11.6X
 2.0s 24.00nm
 KIC 73.21 282 (P) 34 52.20 -0.8
 OBN 76.39 343 ePc 35 11.00 0.6
 1.2s 26.00nm 5.2mb
 SRO 77.50 330 i(P) 35 14.60 -2.1
 35 18.70
 54 12.40
 SPC 77.58 332 eP 35 19.70 2.3
 ZST 78.36 329 eP 35 21.60 0.2
 OJC 78.52 332 eP 35 22.70 0.4
 GEC2 80.47 328 PKP 35 32.90 -0.1
 1.1s 1.88nm 4.0mb X
 KSP 80.55 331 eP 35 34.40 1.1
 KHC 80.72 328 eP 35 34.50 0.3
 1.5s 8.50nm 4.5mb
 PRU 80.81 330 eP 35 35.20 0.6
 BRG 81.68 330 eP 35 40.00 0.9
 1.4s 14.00nm 4.8mb
 35 44.50
 LPG 82.19 323 eP 35 52.00 9.7X
 CLL 82.41 330 eP 35 44.00 1.1
 1.7s 32.00nm 5.2mb
 38 42.00
 MOX 82.66 329 eP 35 45.10 0.8
 2.0s 37.00nm 5.2mb
 BSF 83.50 325 eP 35 47.80 -1.0
 1.4s 19.60nm 5.1mb
 CDF 83.57 325 eP 35 48.30 -0.8
 1.6s 22.40nm 5.1mb
 HAU 83.84 325 eP 35 49.60 -0.8
 LBF 84.61 323 eP 35 53.40 -0.9
 1.9s 39.25nm 5.3mb
 LSF 85.66 321 eP 35 59.00 -0.6
 1.8s 35.40nm 5.3mb
 S.D. = 1.1 on 20 of 24 obs.

OCT 31, 1992 19h 41m 58.57 ± 0.74s
 38.433 S ± 4.0km 175.773 E ± 5.0km
 DEPTH = 213.2 ± 8.0 km
 NORTH ISLAND, NEW ZEALAND (159)

PATZ 0.38 82 P 42 26.50 -0.5
 UTU 0.42 52 P 42 26.70 -0.3
 WLZ 0.58 346 Pd 42 27.70 0.1
 42 45.70
 TAZ 0.61 71 P 42 27.10 -0.6
 WHH 0.72 129 P 42 27.60 -0.9
 NGZ 0.76 190 P 42 28.40 -0.3
 MOZ 0.77 264 Pc 42 28.90 0.3
 42 47.80
 CNZ 0.79 193 P 42 28.60 -0.3
 DRZ 0.86 191 eP 42 29.60 0.1
 URZ 1.07 81 Pc 42 29.20 -1.2
 42 48.40
 PAHZ 1.09 113 P 42 30.40 -0.2

MOH 1.28 123 P 42 32.20 0.2
 WAHZ 1.34 160 Pc 42 33.00 0.5
 TTH 1.38 144 eP 42 33.00 0.3
 BSZ 1.51 205 P 42 34.60 0.8
 KUZ 1.68 359 P 42 35.40 0.1
 TEHZ 1.75 153 P 42 36.90 0.9
 NOZ 1.78 97 eP 42 36.50 0.2
 MAHZ 1.81 115 eP 42 37.10 0.5
 HBZ 2.16 68 P 42 40.00 0.0
 MNG 2.19 186 Pc 42 40.90 0.5
 43 08.60
 PGZ 2.22 170 P 42 40.70 0.1
 KIW 2.52 195 P 42 44.00 0.2
 CAW 2.73 191 P 42 46.40 0.2
 MTW 2.73 184 P 42 46.10 -0.1
 WCZ 2.74 335 eP 42 47.30 1.0
 DIW 2.76 211 P 42 46.80 0.2
 MRW 2.91 196 P 42 48.50 0.2
 43 22.40
 BLW 2.94 184 P 42 48.60 0.0
 WEL 2.95 195 P 42 48.90 0.2
 TCW 3.01 202 P 42 49.60 0.2
 MOW 3.01 187 P 42 49.20 -0.3
 QRZ 3.46 225 eP 42 54.50 -0.3
 THZ 3.99 213 eP 43 01.20 0.0
 KHZ 4.33 202 Pc 43 06.00 0.6
 43 53.30
 DSZ 4.50 221 eP 43 06.80 -0.8
 LTZ 5.10 210 eP 43 14.70 -0.4
 44 10.30
 MQZ 5.77 203 P 43 22.40 -1.3
 44 25.00
 ODZ 7.64 208 eP 43 47.90 0.0
 45 09.40

S.D. = 0.5 on 39 of 39 obs.

? OCT 31, 1992 19h 54m 53.13 ± 1.57s
 22.300 S ± 14.6km 169.620 E ± 22.0km
 DEPTH = 33.0km (normal)
 5.1mb (5 obs.)

LOYALTY ISLANDS REGION (189)

DZM 2.95 274 iPc 55 37.40 -1.5
 56 17.00
 BKM 4.79 344 iP 56 06.50 1.7
 BRS 16.10 248 iP 58 47.00 8.2X
 RMQ 19.45 253 eP 59 20.60 0.6
 1.7s 235.00nm 5.2mb
 CNB 21.93 229 eP 59 50.30 4.7X
 BWA 22.17 232 e(P) 59 48.50 0.5
 CAN 22.19 230 e(P) 59 44.20 -3.9X
 CMS 23.07 242 eP 59 57.10 0.3
 1.5s 68.00nm 4.9mb
 OLP 23.49 254 eP 00 02.40 1.6
 STK 26.65 243 eP 00 31.70 0.9
 ASPA 32.86 261 eP 01 25.40 -0.9
 1.1s 15.10nm 4.8mb
 KMI 80.19 302 Pd 07 01.00 -1.4
 1.5s 30.00nm 5.1mb
 LZH 85.03 312 Pd 07 25.40 -1.6
 1.8s 45.00nm 5.4mb
 SPC 143.86 325 ePKP 14 44.80 18.0X
 BCAA 146.85 242 iPKPd 14 32.40 -0.2
 1.6s 39.00nm
 S.D. = 1.3 on 11 of 15 obs.

* OCT 31, 1992 20h 41m 36.25 ± 0.68s
 37.620 N ± 10.7km 134.546 E ± 10.1km
 DEPTH = 406.8 ± 8.7 km
 4.5mb (11 obs.)

SEA OF JAPAN (660)

MAT 3.12 109 iPd 42 41.20 -0.2
 MDJ 7.92 333 eP 43 31.50 0.3
 0.8s 11.00nm 4.1mb
 SNY 9.44 300 Pd 43 49.40 0.8
 0.8s 17.00nm 4.5mb
 SSE 12.81 243 P 44 27.00 0.0
 TIA 14.01 270 Pd 44 39.60 -0.4
 BJI 14.52 285 eP 44 45.00 -0.4
 0.8s 11.00nm 4.4mb
 TIY 17.51 277 eP 45 15.60 -0.6
 XAN 21.06 268 P 45 50.40 -0.4
 0.5s 18.00nm 4.8mb
 LZH 24.56 276 eP 46 22.00 -1.2
 1.4s 32.00nm 4.6mb
 GTA 27.14 285 eP 46 45.50 -0.7

0.6s 9.00nm 4.4mb
 CHG 36.25 249 eP 48 05.30 1.0
 GUN 41.66 271 P 48 49.48 0.6
 0.3s 31.00nm 5.1mb
 PKI 42.18 271 P 48 52.86 -0.2
 KKN 42.19 271 P 48 53.16 0.2
 0.4s 25.00nm 4.9mb
 DMN 42.40 271 P 48 56.06 1.3
 GKN 42.60 272 P 48 56.30 0.1
 0.4s 24.00nm 4.9mb
 ASPA 60.96 181 iPd 51 01.50 -8.5X
 0.8s 4.90nm 4.1mb
 KAF 65.19 331 eP 51 36.60 -0.4
 NB2 71.42 335 P 52 15.00 0.1
 0.5s 1.00nm 3.7mb
 S.D. = 0.7 on 18 of 19 obs.

* OCT 31, 1992 21h 00m 13.24 ± 3.12s
 51.172 N ± 27.7km 15.993 E ± 18.3km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)

KSP 0.38 150 iPd 00 20.60 -0.4
 00 29.30
 00 34.00
 BRG 1.33 258 iPg 00 37.20 -0.5
 00 57.10
 PRU 1.50 219 eP 00 40.50 0.3
 00 41.80
 00 46.00
 00 59.30
 01 06.00
 CLL 1.88 275 ePg 00 46.00 0.3
 01 14.00
 VRAC 1.91 168 ePn 00 46.50 0.5
 01 16.40
 S.D. = 0.6 on 5 of 5 obs.

* OCT 31, 1992 21h 25m 59.49 ± 0.72s
 2.388 S ± 14.3km 141.460 E ± 12.5km
 DEPTH = 33.0km (normal)
 4.6mb (2 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)

WWKK 2.48 120 eP 26 37.90 -0.7
 MNDI 4.34 150 eP 27 13.00 8.0X
 28 07.00
 ASPA 22.38 198 iPc 30 56.30 -0.3
 0.9s 10.30nm 4.3mb
 34 57.60
 RMQ 24.97 164 iPc 31 22.80 1.2
 1.0s 44.00nm 5.0mb
 WARB 27.61 210 eP 31 45.50 -0.6
 MBL 28.14 227 eP 31 47.50 -3.4X
 CNCB 145.24 124 iPKPc 45 37.90 0.7
 LPB 145.28 124 ePKP 45 37.00 0.0
 KIC 146.08 278 PKP 45 37.80 -0.2
 TIC 146.33 278 PKP 45 38.60 0.2
 LIC 146.37 278 PKP 45 38.00 -0.4
 S.D. = 0.7 on 9 of 11 obs.

* OCT 31, 1992 21h 50m 47.25 ± 0.82s
 37.578 N ± 8.8km 3.996 W ± 6.6km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 2.8 (MDD).

ELUO 0.22 265 ePg 50 52.95 1.0
 50 56.90
 EBAN 0.61 16 ePg 50 59.60 0.1
 51 08.30
 EGUA 0.82 155 ePg 51 02.86 -0.2
 51 13.20
 EHOR 1.02 284 ePg 51 05.59 -1.0
 51 18.50
 EHUE 1.14 78 ePg 51 08.79 0.2
 51 24.20
 S.D. = 1.0 on 5 of 5 obs.

OCT 31, 1992 21h 59m 21.59 ± 1.02s
 38.501 S ± 6.2km 176.439 E ± 6.6km
 DEPTH = 172.6 ± 10.6 km
 NORTH ISLAND, NEW ZEALAND (159)

PATZ 0.19 310 P 59 43.70 -1.0
 TAZ 0.27 11 P 59 44.00 -0.8
 UTU 0.38 329 P 59 44.80 -0.3

WHH	0.39	173	P	59	44.20	-1.0
URZ	0.58	66	Pc	59	44.80	-1.3
			S	59	58.10	
PAHZ	0.60	127	Pc	59	45.90	-0.4
MOH	0.84	139	P	59	47.60	-0.1
WLZ	0.92	313	Pc	59	48.60	0.4
			S	00	05.20	
WAHZ	1.20	183	P	59	51.00	0.5
NOZ	1.26	96	P	59	51.40	0.5
MOZ	1.28	269	P	59	52.00	0.8
			S	00	10.00	
MAHZ	1.32	122	P	59	52.40	0.9
HBZ	1.72	59	P	59	56.00	0.5
BSZ	1.75	222	P	59	57.00	1.3
KUZ	1.84	342	eP	59	57.50	0.8
PGZ	2.12	183	P	00	00.40	0.6
MNG	2.24	199	P	00	01.90	0.7
			S	00	28.90	
KIW	2.64	206	P	00	06.30	0.4
MTW	2.75	195	P	00	07.30	0.0
CAW	2.81	202	P	00	08.30	0.3
DIW	3.01	219	P	00	10.70	0.2
MRW	3.04	206	P	00	10.90	0.1
			eS	00	45.80	
TCW	3.18	211	P	00	12.70	0.1
QRZ	3.81	231	eP	00	20.20	-0.4
			eS	01	03.90	
THZ	4.24	219	eP	00	26.60	0.4
			eS	01	12.80	
KHZ	4.49	209	eP	00	29.40	0.0
			eS	01	17.80	
DSZ	4.81	226	eP	00	33.80	0.1
LTZ	5.32	215	eP	00	39.10	-1.3
MOZ	5.94	208	P	00	47.10	-1.3
ODZ	7.84	212	eP	01	13.00	-0.7
			eS	02	35.00	

S.D. = 0.7 on 30 of 30 obs.

? OCT 31, 1992 22h 34m 56.92± 2.28s
 10.289 S ±24.8km 124.993 E ±16.2km
 DEPTH = 33.0km (normal)
 4.3mb (1 obs.)
 TIMOR REGION, INDONESIA (289)

KUPT	1.37	276	eP	35	20.00	0.1
KNA	6.56	146	eP	36	34.00	0.4
			eS	37	52.00	
MBL	11.89	204	eP	37	47.00	-0.2
ASPA	15.79	149	iPd	38	37.90	-0.6
	0.3s	6.90nm			4.3mb	
			iS	41	32.50	
WARB	15.89	175	eP	38	40.20	0.4

S.D. = 0.6 on 5 of 5 obs.

CD2 48.65 316 P 38 13.10 -0.2
1.2s 110.00nm 5.8mb
MNG 49.07 145 eP 38 15.70 -0.6
0.7s 44.00nm 5.6mb
YSS 49.15 1 iPd 38 23.70 27km
1.0s 20.00nm 5.1mb
HHC 50.79 331 eP 38 28.60 -1.0
1.2s 28.00nm 5.1mb
BTO 51.37 330 eP 38 33.40 -0.6
LZH 51.75 321 Pd 38 37.00 0.0
2.0s 120.00nm 5.5mb
Z 18s 1.48um 5.1MsZ
E 12s 0.82um
GTA 56.31 322 Pd 39 09.70 -0.7
1.8s 62.00nm 5.3mb
LSA 57.48 308 P 39 18.50 29km
CIT 58.98 340 eP 39 29.00 0.1
ZAK 61.76 333 ePc 39 49.00 1.2
1.3s 112.00nm 5.8mb
IRK 62.69 335 eP 39 54.00 0.0
2.0s 38.00nm 5.2mb
MOY 63.71 333 eP 40 02.00 1.3
1.5s 120.00nm 5.8mb
BOD 63.79 344 eP 40 01.30 0.1
1.3s 67.00nm 5.6mb
HYB 64.83 290 eP 40 06.90 -1.8
WMO 66.32 321 P 40 17.00 -0.9
1.5s 32.00nm 5.2mb
Z 20s 1.60um 5.2MsZ
E 12s 1.59um
UER 66.90 330 ePc 40 20.50 -0.7
2.0s 100.00nm 5.6mb
ELT 71.81 329 iPd 40 51.00 -0.4
2.1s 115.00nm 5.5mb
KSH 72.67 313 P 41 00.00 3.0X
TIK 74.27 356 eP 41 04.00 -1.5
2.0s 41.00nm 5.1mb
FRU 74.69 316 eP 41 10.00 1.4
QUE 77.66 301 eP 41 26.70 0.9
SVW 79.38 26 eP 41 34.97 0.6
1.0s 35.14nm 5.3mb
NRI 79.96 343 iPd 41 36.80 -0.5
1.4s 29.00nm 5.1mb
BRVK 80.54 325 eP 41 40.00 -0.7
1.2s 40.00nm 5.3mb
SLKM 81.60 28 eP 41 45.21 -0.9
e 41 53.58 27km
IMA 82.24 22 eP 41 50.20 0.7
1.2s 12.24nm 4.8mb
PMR 82.46 27 eP 41 50.38 -0.1
1.2s 28.24nm 5.2mb
KLU 83.90 27 eP 41 58.74 0.7
FBA 84.10 24 eP 41 58.22 -0.7
1.2s 15.53nm 5.1mb
BALM 85.46 28 eP 42 05.98 0.1
ASH 85.83 308 eP 42 09.50 1.4
SVE 86.80 327 ePd 42 14.00 1.6
BCAO 122.80 274 iPKPc 48 25.50 -0.1
0.8s 7.00nm
CNCB 145.43 124 PKP 49 09.40 1.1
LPB 145.47 124 PKP 49 09.00 0.8
KIC 145.88 278 PKP 49 08.72 0.3
1.1s 20.50nm
TIC 146.13 278 PKP 49 08.62 -0.2
LIC 146.17 278 PKP 49 09.14 0.2
0.8s 11.50nm
SDV 147.61 77 iPKPc 49 13.90 2.5X
TOV 148.26 75 ePKP 49 19.80 7.5X
S.D. = 1.1 on 93 of 103 obs.

& OCT 31, 1992 15h 53m 40.62s
33.974 N 116.927 W

DEPTH = 4.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS). Felt.
PEC 0.21 247 ePc 53 44.84 -0.1
PLM 0.62 175 iPd 53 52.38 -0.7
SSK 0.68 291 ePc 53 53.39 -0.8
GSC 1.33 4 ePc 54 02.80
GLA 1.98 117 ePn 54 13.43 -1.8
ABL 2.09 295 ePn 54 15.99 -1.0
ISA 2.11 323 ePnc 54 16.63 -0.6
BCH 2.87 296 ePn 54 27.61 -0.5
MEMM 4.03 337 ePn 54 44.23 -0.1
BONR 4.13 345 (Pn) 54 46.42 0.4
ARUT 4.74 36 ePn 54 53.46 -1.3
MSU 5.94 39 (Pn) 55 11.90 0.3
eP 55 19.34
ePg 55 30.13
12 obs. associated
OCT 31, 1992 16h 26m 12.31±0.50s
3.129 S ± 6.0km 126.610 E ±11.0km
DEPTH = 33.0km (normal)
4.7mb (8 obs.)
BURU, INDONESIA (271)
MKS 7.42 254 iPd 28 03.20 2.2
KUPT 7.59 203 eP 28 12.30 8.9X
0.6s 114.80nm 6.1mb X
TRT 14.63 251 ePc 29 26.50 -12.4X
MBL 19.10 200 eP 30 33.40 -1.8
0.5s 6.00nm 4.1mb
OIS 21.46 145 eP 31 01.40 1.3
0.2s 3.00nm 4.4mb
ASPA 21.60 162 iPd 31 01.90 0.3
1.0s 18.50nm 4.5mb
WARB 22.92 180 eP 31 15.00 0.4
MEEK 24.60 197 eP 31 30.00 -0.9
IPM 26.69 287 ePd 31 50.70 0.2
CHG 34.88 310 eP 33 02.20 -0.8
WHN 35.47 342 eP 33 09.00 1.2
CD2 40.26 329 iPd 33 48.00 0.0
XAN 40.56 337 P 33 50.30 -0.1
1.0s 21.00nm 4.8mb
TIY 42.71 343 eP 34 08.00 -0.1
Z 26s 1.69um 4.8MsZ
E 25s 2.94um
BJI 44.01 348 eP 34 18.00 -0.5
1.4s 24.00nm 4.8mb
LZH 44.44 333 Pd 34 22.50 0.3
1.5s 51.00nm 5.1mb
Z 24s 1.07um 4.7MsZ
E 11s 0.39um
HHC 45.88 344 Pd 34 33.40 -0.1
1.0s 14.00nm 4.8mb
Z 25s 2.21um 5.0MsZ
BTO 46.09 342 eP 34 35.20 0.0
GTA 48.99 332 Pd 34 58.00 0.1
1.0s 14.00nm 4.9mb
Z 30s 1.88um 4.9MsZ
HYB 51.61 295 eP 35 16.80 -1.4
WMO 58.33 328 eP 36 06.50 -0.2
CNCB 155.50 144 ePKP 46 16.00 10.6X
LPB 155.65 144 ePKP 46 18.00 12.6X
S.D. = 1.0 on 19 of 23 obs.
* OCT 31, 1992 16h 59m 58.16±2.12s
38.422 N ±12.3km 20.302 E ±19.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.2 (THE). MD 3.2 (ATH).
VLS 0.33 137 ePb 00 04.60 -0.5
eSb 00 11.00
IGT 1.11 1 ePb 00 18.16 -0.8
eSb 00 34.04
KEK 1.35 343 ePn 00 24.00 1.1
eSn 00 44.00
AGG 1.70 69 ePn 00 29.16 1.2

KZN 2.20 31 eSn 00 53.96
LIT 2.39 45 ePn 00 36.60 1.3
eSn 01 11.16
FNA 2.50 19 ePn 00 38.88 -0.7
VAY 3.38 30 ePn 00 47.40 -4.6X
KNT 3.39 35 ePn 00 49.96 -2.2
SKO 3.65 13 eP 01 03.80 7.9X
S.D. = 1.4 on 8 of 10 obs.
& OCT 31, 1992 17h 00m 30.30s
36.795 N 121.543 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.2 (BRK), 3.2 (GS).
Felt in the Monterey-Salinas
area.
SAO 0.08 111 iPd 00 31.91 -0.7
iS 00 33.39
GCC 0.43 303 iPd 00 38.51 -0.5
PRS 0.48 163 iPd 00 39.55 -0.5
LLA 0.51 110 iPd 00 40.42 -0.2
eS 00 48.12
MHC 0.55 352 iPd 00 41.61 0.2
iS 00 49.64
ARN 0.55 1 iPd 00 41.40 0.0
PRI 0.96 132 iPd 00 48.36 -0.5
eS 01 05.92
PCC 0.97 317 iPd 00 47.87 -1.1
iS 01 02.61
BKS 1.21 333 eP 00 51.25 -1.8
ZSP 1.28 334 iPd 00 52.58 -1.6
PKEM 1.37 122 eP 00 55.55 -0.1
FRI 1.48 82 iPd 00 55.51 -1.8
eS 01 15.86
CMB 1.54 36 ePc 00 56.63 -1.5
eS 01 17.21
NTYM 1.82 331 eP 00 59.69 -2.4
BCH 2.00 143 (P) 01 02.55 -2.2
MEMM 2.25 67 eP 01 08.23 -0.2
ABL 2.71 135 eP 01 12.65 -2.5
ISA 2.73 114 eP 01 13.66 -1.6
ORV 2.76 1 ePn 01 14.19 -1.4
BONR 2.83 65 ePn 01 16.30 -0.6
KVN 3.53 49 (P) 01 27.28 0.5
TNP 3.67 68 (Pn) 01 28.15 -0.7
ePg 01 34.96
SSK 4.06 128 (P) 01 31.76 -2.5
23 obs. associated
* OCT 31, 1992 18h 12m 52.73±0.77s
14.253 N ± 8.8km 90.772 W ±10.2km
DEPTH = 179.8 ± 10.9 km
4.7mb (5 obs.)
GUATEMALA (70)
TPX 1.58 294 iPd 13 24.01 -1.8
(S) 13 37.50
SCX 3.05 324 iPd 13 42.55 0.1
iS 14 17.20
OXX 6.38 297 iPd 14 26.20 0.4
(S) 15 27.00
IISM 7.89 308 iPd 14 46.00 0.5
PPM 8.92 304 iPd 15 00.70 1.1
(S) 16 38.00
III 9.30 297 iPd 15 05.50 1.2
UYO 20.11 351 iPd 17 13.90 -0.4
MIAR 20.36 353 ePc 17 15.85 -1.0
0.8s 10.10nm 4.4mb
SDV 20.43 103 eP 17 17.50 -0.4
TOV 20.99 100 eP 17 24.50 1.2
PRM 21.16 20 eP 17 26.40 1.6
OLY 21.17 358 eP 17 24.28 -0.6
VVO 21.46 349 iPd 17 27.90 0.1
JSC 21.72 22 eP 17 31.89 1.7
SIO 21.97 348 eP 17 32.30 -0.4
TUL 22.03 349 ePc 17 32.90 -0.4
0.4s 15.60nm 4.9mb
LNO 22.03 349 ePc 17 32.40 -0.8
LNO2 22.03 349 eP 17 32.80 -0.4
LNO3 22.06 22 eP 17 34.63 1.1
RLO 22.15 351 eP 17 34.20 -0.2
ELC 22.98 3 eP 17 42.55 0.1
NAV 24.63 19 eP 17 58.69 0.5
TBR 30.42 25 eP 18 49.72 -0.4

STATION DATA REPORT FOR OCTOBER, 1992

1619 stations reported 85232 reading arrival groups

X = data received for this 6-hour time period

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AAA	X		X	X	XXX		X					X	X		X		X											X			X		
AAE													XX	X			X						X	X	X					X	X		
AAI	XXXX		XXXX			XXXXX		XXX	XXX	X	XX	X	XXX	XXXXXX			XXX	X	XXXX		XXX							XX		X		XXX	
ABL	XXXXXXXX	XX		XX	X	XXXX	XX	XXXX	X	XXX	X	XXX	XX	X	XXX	XXXX	XX	XX	XXXX	X	X	XXXXXXX	XXXX		XX	X		XX		XX	XXX	X	
ACO																					X		XXXX			X				XXXXX			
ACTO	X				X	X		X				X	X			X	X	XXX	X					X	X					XX		X	
ACU	X										X	X	X			X		X	X					X	X				X		X		
ACX	X		X	X		X	X		X		X	X	X		X		XXXX	XX	XX	X	XX	X		XXXXX	XXXX	X	X	XX		X	X		
ADAT							X	X				X	X			X						X	X	X	X			X			X		
ADE	X		X			X	XX					X			X	X	XX		XX	X	XX	X	XX	X	XXXXXXX	X	X		X	XXX	XXX	X	
ADI						X												X	X			X		XXX	XXXXX			X		XX	X		
ADK	XXX	XXX	X	X		X	XX	X	XXX	X	X	X	X		X		XX	XX	X	XX	X	X	X	X	XXXXXXX			X		X	XX	X	
AFI		XX	X		XX	X	XX	XXXX	XX	XXXXX	XXXX	XX	XX	XXXXXXXXXXXXXX	XXXXXXXX	X	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XX		XXXXXXXXXXXX	XX	XX	XX	X	
AFR						X		X			X					XX	XX	X	X	X	X	X	X	X	X					XXX	X	XX	
AGG	XX	X	X	X	XXXXXX	XXXXX	X	XXX	XX	XXXX	XX	XXXXXX	X	XXX	X	XXXX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
AGO	X		X									XX	XXX		XX	X	X	XX					X						XX				
AGRW												XXXXX									X			X	X			X					
AGX				X		X				X					X	X		XX					X	XX	X	X		XX		X			
AIA	X	XX	X	X		XXX	XX		XX	X	X	X	X	X	X	X		X	X			X	X	X	XX	XX	XXX	X	XXX	X	XX	X	XX
AKKT	X							XX	X		X	XX				X	X	X		X	X	X	X	X	X	XXXX		X		X	X		
AKSR												XXXXX								X			X	X	X	X		X		XX			
AKU	X		X			X		XX	X			X	X		X	X	XX		XX				X	X	XXX	X				XX			
AKUR												XX	X									X		X	XX	X		X		XX			
ALJ							X					X						XX	X				X		X			X		XX	X		
ALN			X	XXX		X	XX	X		X	X	X	X	X	X	XX	X	XX	XX	X	XX		XXX	X	X		XX	XX	XX	X	XX	X	
ALO	XXXX	X	X	X	X	XX	X	XX		XX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	X	X	XX	X	XXXXXXXX	XXX		
ALT		XX	X												X	X	X	XX	XX	XX		X	X	X		X	X	X	X	X	X		
ANCC																		X	XXXXXX	X	XX		X				X		X	X	X		
ANM	X	X						X	XX	X		X	XXX			XX	XXX		X	X	X		XX			X				X	X	X	X
ANN			X	X		X		X		X		X	X		X	XX	X	X	X	X		X	X	X	XXXXXX				X	XX		X	
ANT	XXXXXXXX	XX		X	XX	X	X	XXXXXX	XX	X	X	XXXXXX	XX	X	X	XX		XXX	X								X	XX	X	XXXX	X		
ANTZ											X	X	X	X		X	XX	X	XXX	X					XXX	X	X		X		XXXX	X	
AOMJ	X		X	X	X	X		X	XX				X		X	X				X	X			XX			X		X		X		
APA	X						X					X	XX							X	X	X	X	X	XXX	X	X		X	XX	X		
APR		X	X	X		X		X		X				X	XX	X	X		X	X	X	X	X	X	XXX	X	X		X	XX		XX	
AQU	X		X	X		XXXX	XXX		X	X	XX	XXXX	XX	XXXX	XX	XXXX	XX	X	X	X	X	X	X	X	XX	XX		X	XXX	XXX	X		
ARA0	XXX	XX	XX	X	X	X	X	X	XXXX	X	X	XXX	XX	X	XXX	XX	XXXXXX	XX	X	X	XXXX	XX	X	XXX	XXX	X	XX	X	XX	XX	XXX	XX	
ARE	XXXXXXXX	XX		XXXX	XXX	X	X	XXX	XX	XXX	X	XX	X	X	X	X	XXXXXXXXXXXX	X	XXXX	X	XXXX	X	XXXX	XXXXXXXXXX	XXX	XX	XX	XXXX	XXX	XXX	XXX	XXX	
ARMA	X	XX	X	XX	X	XX	XX		XX	XXXXXXXX	X	XXX	X	X	XXXXXX		XX	X	XX		X	XX	XXXXXXXXXXXX	X	X		X	XX	XXXXXX	XX	XXXXXX	XX	
ARN	XX	XX	X		XX	X	XXXXX	X	X	X	XXX	X	XX	X	X	XXXXXXXXXX	XX	XXXXXXXXXXXX	XXXXXXXX	XXXX	XX	XXXXXX	XX						XXX	XX		X	
ARO												X	X			X		X		X	X	X	X	XXX	X		X	X	X	XXXX	X	X	
ARU	XX	X	XX		XX	X	XX	X	X	X		X	XX		X	XXX	XXXX	X	X	XXXX	X	X	XXXXXXXXXXXX	X	X		X	X	X	XXXX	X	X	
ARUT	XXXXXXXX	XX		XXX	X	X	X	XXXX	XXXXX	XXXXXXXXXXXX	XXXX	X	XXX	XXXXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXX	XXXX	X	X	XXXXXX				
ARV	XXX	X	X		X	X	XX	XX	XX	XX	X	X		XXX	X	XXXX	X	X	X	X	X	X	X	XXXX	XXXXX	X	X	X	XXX	X	XXXXXX		
ASAJ	XX	X	X	XX	X	X	X	XXXXX				XX	X		XX	X	XX	X	XX	X	XXX	XX	XX	XX	X	X		X	X	XXXXXX	X	XX	
ASH	XX		XX	XX		X						X	XX	X		X	XXX	X	XX	X	XXXX	X	X	XXXXXXXX	XX	X		X	XXXX	XX	X		
ASK	X	X	X			X	XX					X	X		X	XXX	X				XX	XX	X	XX	X		X		X				
ASKD												X	XX		X							X	X	X	XX			X					
ASPA	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
ASS	X	X	X	XX	X	X	X	X	X	XX	X	XXXX	XX	XX		X	X	X	X	X	X	X	XXXX	XXXX	XX		X	XX	XX	X	X	XX	
ASW												X	X			XX				X			XXX	XXX			X		X	XX			
ATE	X	X		X	X		X					X	X	XX		X	X	X		X	X		XXX	XXX			X	X		X			
ATH			X	XXX		X	X		X	X	XX	X	XXXX		X	XXXX	XX	XXX		X	XXX	XXX	XX	XXX	XX		XXX	XX	XXX	XXX	X	X	
ATN	XX		XXXXXX		X		X	X		X	XX	X	XXXXX	X									X	X	X			XXXX	X	XXX	X	X	
ATZ												XX					X	X	X				X	X			X	X	X	X	X		
AUE	XXX		X		X	X				XX	X	X	X	X	X	X	XX	XXXX		X	XX	X	X	X	X		XXXX	XX		X	X		
AUH	XXX		X	X	XXX	X	X			XX	X	X	XX	X	X		X	XXXXXXXX		X	XX	X	X	X	XX		XXXX	XX		X	X		
AUI	XXX		X	X	X	X		X		XX	X	X	X	X	X		XX	XXXXXXXX		X	XX	X	X	X	X		XXXX	XX		X	X		
AUL	XXX		X	X	X	X	X			XX	X	X	X	X	X		X	XXXXXXXX		X	XX	X	X	X	X		XXXX	XX	X	X	X		
AUP	XXX		X	X	XX	X	X		X	XX	X	X	XX	X	X		X	XXXXXXXX		X	XX	X	X	X	X		XXXX	XX		X	X		
AURF	X		X													XXX	XX	X					X	X			X	XX	X	X			
AUTN	X		X				X	X								XXX	XX	X					X	X			X	XX	X	X			
AUW	XXX		X	X	X	X	X		X	XX	X	X	X	X	X		X	XXXXXXXX		X	XX	X	X	X	X		XXXX	XX		XX	XX		
AUE	X		X	X		X	X		XX	X	XXX		X	X	X	XXX	XXXX	XX	X	X	XX	X	X	XX	X	XX	XX	XXX	XXXX	XXX			
AVF	XXX	XXX	XX		XXX	XXXXXX	X	XXXXXXXXXX	X	XXXX	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
AYN			X	XXX		XXXX	XXXX	XX		X		XX	XXXXX	X								XXXX	XXXXX	XX	X	XX	XX	XX	XX	X	X	X	
AZI	X		X			X	XX		X		X																						
AZUC																	X	XXXXXX	X	XX			X				X	X	X	X			
BAK	X					X		X				X	X			X				X	X			X	X	X			X	X			
BAL	X		XX	XX	XXX		X		X	X	X	XX	XX	X	X	XXX	XXX	XX	X	XX	XX	XXXX	X										

[illegible]

[illegible]

[illegible]

[illegible]

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HOF	xxx				xx	x		x				x	x		x	x	x		x	x			xxx	xx	x			x		xx	xx		
HOFF	x											x	x			xx	x	xx	x				xxxx	xx			x		x				
HOJ	x									x							x	xx					x										
HOM	xxx		x	x	x	x		x		xx		xx	x	x	x	x	x	xxxxxxx	x	xx	x	x	x	x	xx	xxxx	xx	x		x			
HON	xx	x	x		x	xx		x		xxxx		xx	x	x	x	xxxxxx	xx	xx	xxxxx	x	xx	x	x	xxx	xxxx	x		x	xx	xx	x		
HOJH	x		x	x	x	x		x	xx		xx	x	x	xx	x	x		x	x	xxx	xx	xx	xx	xx			xx	x	x	xx	x	xx	
HOOC																	x	xxxxxx	x	xx			x										
HQL			x	xxx		xxxx	xxxx	xx		x		xx	xxxxx	x		x		xxxxxxx	xxxxx	xxxxx	xx			xx	xx	xx	xx	x	xx	x	xx	x	
HON	x		x	x		x	x		x		x	x	x			x						x	x									xx	
HRI	x		x		x			xx	x	x	x	x	xx	xxxx		xx	x	x		x	xxx		x	xxx	xx	x	x	x	x	xx	xxxx		
HRT	x	xxx	xxx	xx	xx	xxx	xx	xxx	x	x	xxx	xx		x	xx	xx	xx	x															
HRV	x	x	x		x	x	xx		x	xxxxx	x	x		xx	xxxxx	xxxxx	xxxxxxx	x	x	x	xxx	xxxxx	x					x	xx	xx			
HUR	x	xx		x	xx		xx		x		x	x	x	x	x	x	xxxxx	x				x	x	x	x	x	xx	x	x	x	x	xx	
HVAR	x	x	xx	x	x	x		x	x		x	x	x	xxx	xxx	xxx	x	xx	xxx		x	x	x	x	x		xx	xx		xxx			
HVU			x	x	xx	x	xx	xx	xx	x	xxxxxxx	xx		x	x	xx	xxxx												x	xxxx	x		
HYA	x	x				xx	xx		x		xxx	x		x	xx	xxx	xx	x	x	xx	x	x	x	xxxxx	x		xx	x	xx	x			
HYB	xxx	xxx	xxx	xxx	xxxx	x	xx	xxx	xxxx	x	xxxxxx	xxx		xx	xxxxxx		xx	x	xxxxxxxxxxxxx	x	xxxxxxxxxxxxxxxxxxxxx												
IFR	xxx		xx		x	x	xx	x	xxx	xx	x	x	x		x	x	xx	xx	x	x	x	xxx	xxx	x	x	x	xxx	xxxx	x	xxx	xxxxxx		
IGT	x			x	x				x		xxx						xx	x	x	xx	x	x	x	x				xx	x	xxx	x	x	
IHA	xx	x	x		x				xx		xx			x	x		xxxx	xxx		x	x		x	xx	xxx	xx	x	xx	xx	x		x	
IIDJ	x			x	x	x		x				x	x									x	xx	x					x	x	xx		
III																						x	xxxxx	xxxxx	x	x	xxx		x	x	x	x	
IISM	xx		x	x	x	x	x		x	x		x	x	x		xxxx	xxxxxx		xx	x			xxxxx	xxxxx	x	x	xx		x	xx	x	x	
IIT	x		x	x	x	x		x		x	xxx			x		xxxx	x	xxx		x	x		xx	xx	xxxx	x	x	x		x			
ILT			xx	x	x	xx	x	x	x	x	x	xx		x	xx	xx	x	x	xx				xx										
IMA	xxxxxxx	xxxxxxx	xxxx	x	xxxxx	x	xxxxxxxxxxxxx	xxx	xxx	xx	xxxxxxxxxxxxxxx	xxxx	xxx	xx	xxxxx	xxxx	xxxx	xxxxx	xxxxx	xxxx	x	x	xxxxxxxxxxx	xxx	x	xx	xxxxx	xxxxx	xxxx	xxxx	xxxx	xxxx	
IMI	x	x	x					x		xxx		x	x	xx	xxxx	xx	x	x				x	x	x		x	xxx	xxx	xxx	xxx	xxx	xxx	
INE	xxx	x	x	xx	xxx	xx	x				x	x	x	xx	x	x	xxxxxx	x	x	xx	x	x	x	xx	xxx	xxxx	xxxx	x	x	xx	x	xx	
INW	xxx	x	x	xxx	xx	x					x	xx	x	x	xx	x	x	xxxxxxxxx	x	xx	x	x	x	xx	xxx	xxxx	xxxx	xx	xx	xx	xx	xx	
IPM	xx	x	x	x		x	xx	xx	x	x		x	xx			xx	xxxxxxxx	xx	xxxx		xx	x	x	xxx	xxxx	xx	x	x	xx	x	xxx	x	xxx
IRK	x	x	x	xx		x	xx	x	x	x	xx	xx	x	xx	xxxx	xxx	x	x	x	xx	x	x	x	xxx	x	xx	x	x	x	xx	x	x	
ISA	xx	xxxxx	xx	xxxx	xxxxxx	x	xxxx	xxxxxxx	xxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxxxx	
ISK	x	x	xx	x	x	x	x	x			x	xx			x		x	x	x	x	x	x	x	xx	xx	xx	xx	xx	xx	xx	xx	xx	
ISR	x		x	x		x	x		x		x	xx	x		xx	x	x	xx	x	xx	x	xx	xxxxx	xxx	x	xx	x	xx	x	xx	x	xx	
ISSF	x	x	x	x			x				x	xx			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
ITB1	xx	x			xxx	x	x	x	xx	xx	xx	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
ITB7	x				x				xx		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
ITU	x		x	x			x				x				x	x	x	x	x	x	x	xx	x	x	x	x	x	x	x	x	x	x	
IVA	x	xx	x	x		xx	x	x	x		x	xx	x	x	x	xx	x			xx	xx	xxx	x	x	x	xxxx	x	xxxxx	x	xxxxx	x	xxxxx	
I2M	xxx	xxx	xxxxxx	x	x	xx	xxxx	xxxxxx	xxx	xxxxxxxxxx	xxxxxx	x	x	xx	xx	xxx	xxxxxx	xx	xxx	xxxxxx	xx	xx	xxx	x	x	xx	xxx	xx	x	xxx	xx	xxx	xx
JACH	xx	xxx	x	x	xxxx	xx	x	xxxxx	xxx	xxxxxxxxxx	x	x	xx	x	x	xxxxx	xxx	x	x	x	x	x	x	x	x	x	x	xx	xxxxxxx	xxxxx	xxxxx	xxxxx	
JAQ	xxx		x	x		x	xx	xxx	xxxxxx	xx	xx	x	xx	xxxx	xx	xxxx	xx	xxxx	xxx	xx	xx	x	xxx					x	xxx	xxx	xxx	xxx	
JARJ							x						xxx		x							x	x	xx	xx	xx	x	xx	x	xx	x	xx	
JAU	x							x					x									x	x	x	x	x	x	x	x	x	x	x	
JAY					xxx	xxxx					xxxxxxx						x	xx	xxxx	xxxx		xxxx			xxxx	xxxx	xxx	xxx	xxx	xxx	xxx	xxx	
JFO									x	x	xxx	xxxx			x	xx	xxxxxx	x	x			x	xx	x	x	x	x	x	x	x	x	x	
JFWS	xxxx	x		x	x	xx	x	x	xxxx	xx	x		xx	xxxxx	xx	xxxxxxxxxxx	x	x			x	xxx	x	xx	x	x	x	xxxxxxx	x	xxxxxxx	x	xxxxxxx	
JMB			x	x							x	xx			x		xx				x	x	x	x	x	x	x	x	x	x	x	x	
JNE	x		xx		x						x				x	x				x	x	x										x	
JNW	x		xx		x						x	x			x	x				xx	x	x										x	
JSC	xx	x	xx		x			x	x	xxxx		x	x	xxx	xx	x	xxxxxxxxxxxx	xx	x	xxx	xxx	x	xxx	x	x	x	x	x	xxxx	xx	xx	xx	
JVI	x		x								x		xx	x		xx	x		x	xxx	x	xxx	x	x	x	x	x	x	x	x	x	x	
KAF	xxxx	xxx	xxxxxxxxx	xxxxx	xx	xxxxxxxxxx	x	xx	xx	xxxxxx	xx	xxx	xxxxxxxxxx	xxxxx	xx	xxx	xxxxxxxxxx	xxxxx	xx	xx	x	xxxxxxxxxxxxxxxxx	xx	x	xxx	xxxxxxxxxxxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	
KAGJ	x	xx	x	x	x	x				x	xx	x					x	x	x	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	
KAIM	x		x	xx	x			x	x	x	xx	x	x	x	x	xxxxxx	x															x	
KAKJ	x		xx	x	xx	x	x	xx		x	x	x	xx	xx				x	x	x		xx	xx	x	xx			xx	x	xx	xx	xx	
KART	x						xx	x		x	xx	x			x		x				x	xxx	xxx	xxx	xx	x		x	x	x	x	x	
KAS	x	xxx		xx	xx	xx	x	x		x	x	x	xx	xxx	xx	x	x	xx	xx	xx	xx	xx	xx	xx	xx	xx	x	x	xxxxxxxxx	x	xxxxxxxxx	x	
KAT	xx	x					x				x	x	x		xx	xx	x	x	xx	x	x	x	x	xxx	x	x	x	x	x	x	x	x	
KBA	xxx	xx	x		x	x	xx		x	x		x	xx	x	xxx	xx	xxx	x	x	xxxxxx	x	xxxxxxxx	x	xxxxxx	x	xx	x	x	xxxx	xx	xxx	xx	
KBS	x																																
KCT	xxx	xxxx	xxxxxx	xxxxxxxx	x	xxxx	xxxxxx	x	xxxx	xxxxxx	x	xxxx	x	x	xx	xx	xxxxxx	xxx	xx	x	xxxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	
KDC	xxx	xx	x		x	xx	x	xxxx	x	x	xxxx	x	x	x		xxx	xx	xxxxx	x	xx	xxxxx	x	xxxx	x	xxx	xxxxx	xx	x	x	x	x	xxxx	
KDZ			x	x	x						x	x	xx			x	xx	xx	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KEK	x	x	x	xx	x		x	xx	x		xx	x	xxx		x	xx	xx	xxx	xxx	x	x	x	x	x	x	x	x	xxx	xxx	xxx	xxx	xxx	
KER	x	xx					x	x	x		x	xx	x	xx	xxx	xx	xx	x	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	
KEV	x		x			xx	x	x		x	xx				x	xx	xx	xxx	xxxxx	x	x	xxx	x	xxx	x	xxx	x	x	x	x	x	x	
KFNJ						x	x	xx	x		x	xx	x	x	xx		xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	x	x	x	x	x	x	
KGM	x	x	x	x		x	x	x	xx	x		x			xx	xxxx	x	x	xxx	xx	x	x	xxx	xx	x	xxx	x	x	x	xx	xx	xx	
KHC	xxxxxxxx	xxxxxxxx																															

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
KKH			X				X			X						X		X			X		X								X		
KKM	X	X	X	X		XX	X	X	X		X					X	X	XX	X	X	X	XX	XX	X	XX	X	X		X	XX	XX	X	
KKN	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
KKS	X		X	X	X		X	X	X		XX	XX	X	X		XX	X	XX	X	X	X	X	X	X	X	XX	X	X		X	XX		
KLB	X		XX	XX	XXXX		XX	X	X	XX	XX	X	X	X	X	XX	XX	X	X	XX	XX	XXXX	X	XX	XXXX		XX	XX	X	XXXX			
KLD				X	X		X	XX	X	X		X												X								X	
KLM																																X	
KLU	XXXXXXXX	XXXXXXXX			XXXX		X	XXXXXXXXXXXX	X	XXXX	X	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	XX	X	XXXXXXXXXXXX	XXXXXX				XXXXXX	XXXXXX	X	XXXX	X	XXXX	
KMI	XX	X	XX	XX	XXXX	X	XX	X	X	XX	XX	XXXX	X	XX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	X	X	XX	XXXX	X	X	XX				XXXXXXXXXXXX	XXXX				
KMR	X											X	X			XX	X	XX	X	X	X							X				X	
KMTA			X																														
KMY	X	X				XX		X	X			X	X			XX	X	XX			X	XX	X	X	XX	X					X	X	X
KNA	XXXXX	XXX	XXXXX							XX	XX	XX	XXXX	XXXX	X	XXXX	XX			XX	XX	XXXXXX	XX	XXXX							XXX	XXXX	
KNIM	XXXX		X	XX	XXX		XX	X	XXX	XX	X	X	XX	X	X	XX	X	XX	X	XX	X	XXXXXXX	X	XX	X	X	X	XX	XXXX	XXXX	X	XXXX	
KNK	XXXX		X	XX	XXX		XX		XXX	XX	X	X	XX	X	X	XX	X	XX	X	XX	X	XXXXXXXXXXXXXXXX	X	XX	X	X	X	XXX	XXX	X	XXXX		
KNT						XXXXXXXXXX	X	XX	XX	XXX	XXX	XXXXX	XXX	XXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXX	XXXXXXXXXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	
KOD						XXX	X															XX	XXXX										
KONO	X											X	X				X	X	X	X	X											X	
KOT													X	XXX								XX	X								X	XX	
KRI	XXX			X		X	X		X	XXXX		X	XX				X	X	X		XX									X	X	X	
KSH	XX	X	XX	XXX	XX		X	XX	X	XXXX	X	XX	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XXXXXXX	X	XXXX			X	X	XXXXXX	X	
KSP	XXX	XXX	XX	XXXXX		XX	XXX	XXX	X	XXXXXXXXXX	X	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX
KSR																																	
KTH	X	XX		X	XX	X																											
KTk1	XXXX	XX	X	X	X		X	XX	X	X	XXX	X	X	XX	XX	XXXXXXX	XX	X	XXX	XX	X	XXX	XX	X	XX	X	XX	XX	XX	XXXXXX	XX		
KUMJ	X		XX	X	X		X	X	X			XX	X		XX																		
KUPT	X	X					X	X	X	XX																							
KUR	X																																
KUSJ	XX	X	X	XX	X	X	X	XXXXX				XX	XX	X	XX	X	XX																
KUZ																																	
KVN	X	X	X			X	X	X	X	XXX	X	XX	XX	X		XX	XX	XX	XXXXX	XXX	X	XX	XX	X	XX	X	X						
KVT	X																																
KZN	X		X	XXXXX	X		X																										
LACI	X			X	X		X																										
LANF	X	X																															
LAT	XXXXXXXXXXXX																																
LBF	XXX	XXX	XX	XXX	XXXXXXXXXX	XX	XXX	XX	X	XXXXX	XX	X	XX	XXXXXXXXXXXXXXXXXXXX	XXXX	XX	XXXXXXXXXXXX	XXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LBFM	XXX	X	X	X	X	XXXX	X	XX	XXXXXX																								
LBL	X																																
LCCH	XX	XXX	X	X	XXXX	XX	X	XXXXX		XXX	XXXXXXXXXX	X	X	XX	X		XXXXX	XX															
LCCM	X																																
LDF	XXX	XXX	X		X	XX	X	XXXXXX	X																								
LDN	X	X																															
LESF	X																																
LFF	XXX	XXXXX	X	XXX	X	XXX	X	XXXXXXXXXX	X	X	XX	X	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LHS	X	XX																															
LIBD	X																																
LIC	XX	X	XXXXXX	X	X	X	XXXX																										
LIS																																	
LISJ																																	
LIT	X	X	X	XX	XXX	XX	XXXXXXXXXX		XX	XX	X	XXX	XXXXXX	XX		XXXXX	XXXX	XXXXXXXXXXXX	XXXXXX	X	XX	XXXX	XX	X	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
LJU	X	X																															
LLA																																	
LLAV																																	
LLS	X		XX																														
LMN	XXXX	X	XX																														
LMR	X	X	XXX	X		X	XXX	XX	X	XX	X																						
LMZ																																	
LNO	X																																
LNV	XX	XXX	X	X	XXXX	XX	X	XXXXX		XXX	XXXXXXXXXX	X	X	XX	X		XXXXX	XXX	X	X	X												
LOE	X																																
LOF	XXX		X	XX																													
LOMF	X	X																															
LON	X	X	XX	X		X	X	XX	X	XXX	XXX	X	XX	X		X	XX	XX	XXXXXXXXXX	XX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LOR	XXX	XXX	XX	XXX	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	X	XXXXXXXXXX	XX	X	X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LPA	XX	X																															
LPB	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
LPF	XXX	XXX																															
LPG	X	XXX	XX	XXX	X	XXX	X	XXXXX	X	XXX	X	XXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	
LPL	X		XXXXXX	XXX	X	XXX	X	XXXXX	X	XXX	X	XXXXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
LPO	XXX	XXXXX	X	X	X	XXX	X	XXXXXX		X	X	XXX	X	X	XXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LPR																																	
LRCZ																																	

[illegible]

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MRA	XXXX	XX	X	X	XX	XX	XXXXXXXXXX	XXXX		XXXX	X	XXXXXX	XX		X	XXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXX	XX	XX	XXXX												
MRRJ	X		X	X	X	X	XX	X		XX	X	XX	X	X		X	X	X	X	X	X	X	XX	XX			X		X	X	XXXX	X		
MRW							XX		XX	X	XX	XX	XXXX	X	X	XXXX	X	X	XXXX	X	XX	X	X	XXXXXX	XXXX	X	XXXX		XX	XXXX	XXXX			
MRWA	X	X	XXX	XXX	XXXXX	XX	XX		X	XX	XX	XX			X	X	XXX	XXX	XX	XX	XX	XXXX	X	XXXX	X					XXX	XXX			
MRX	XXX		X	X		X	X			X	X	XXXXX			X	X	XXXX	XX		X	X	X	X	XXX	XXXXX	X		XX	X	X				
MSI					X						X	X	X			X												X	X					
MSU	XXX	XXX	XXX		XXX	X	XXXXXX	XXXX	XXXX	XXXXXXXXXXXXXX						XXXXXXXXXXXXXX	X	XXXXXX	XXXXXXXXXXXXXX	XX							XX	XX	XXXXXX	XX				
MTA	X				XX			X	X		X	X	X	X		XXX	XX	X	X	XX	X	X	X	XXXXX	XX	X		X	X	XX	X			
MTHF	X		XX			X		X	X		X					XX												X						
MTMJ	X		X	XX	X	X	X	XXXXX		X	X	XX		XX	X	X		X	XX	X	XX	X		XXXXX	X		XX		X	X	X	XX		
MTN	XXXXXXXX	XXXXXXXXXX				X	XXX	X	XXXXXXXX	XXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX															XXXXXXXXXXXXXXXXXXXX							
MTU	X		X	X	XXX	X			XX		X	X	X	XX		XX	X	XXXXXXXXXXXX	X	X			XX											
MTUR	X		X	X							X	XX				XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
MTW						XX			X	X	X	XX	XXX			X	X	X	X	XXX	X	XX	X	X	XXX	X	X	XX	XX	XXXX	X	XXX		
MUD	X				X	X				X	X	XX				X	XX	XX																
MUN	X		XX	XX	XXX	XX	X	X	X	XX	XX			X	X	XX	XXX	XXX	XX	X	XXX	XX	XXXX	X	XX	XXXX					XXX	XXXX		
MVIF	X		X				X	X	X							XXX	XX											X	XX	X	X			
MVM					X	XXX	X	XX	X		XX	XX	X	X	X	X	X	X			X	XX	XXX		X	X	X							
MZX	X		X													X	X	XX	X	X														
NAI		X							XX		X	XXX	XXX			X	XXX	X	X	X							X	X	X	XX	X			
NAL	X	X					XX	X		X	XXX	X	X		X	XX	X	X	X	X	X	X	X	X	X	X		XX	X	XXX	X			
NANU								X	XX	XXX	XX	XXX		X	XXXXXXXXXXXXXXXXXXXX	XXXX	XX	XXX	XXXX	XX	XXXXXXXXXX	XXX	XX	XXX	XXXXXXXXXXXXXX	XXX	XX	XXX	XXXXXXXXXXXXXX	XXX				
NAV	X		X			XX	X	X	XX		XX	X		X	X	XX	X	XXXXXXXXXXXX	XX		X	X	X	X	X	X	X	X	X	XX	XX	XX		
NB2	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXX	XXXX	XX	XXXX	XXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
NCG	X	XX	X	XX	XX	XX	X	X	XX	X	X	XX	X	X	X	XX	XX	XXXXXXXXXX	X	X	XX	X	X	X	X	X	X	XX	XX	XXXX	XXXX	X	XX	
NCT	XXXX	X	X	XX	XXX	XX	X		X		X	X	X	X	XX	X	XXXXXXX	X	X	XX	X	X	X	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
ND1	XX	X	XXXXXX	XXX	XX	X	XX	X	XX	X	XXXX	XX	XX	X	XXX	XXX	XXXXXXXX	XXXX	XX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		
NEA	X	XX	X	XX		X		X	X	X	X	X	X	X	X	X	XXXX																	
NEV		X			X	XX	X			X	XXXX	X			XXX	X	XXXX	X	X	XX	X	X	X	X	X	X								
NEW	XXX	XXXX		XX	XX		XXXX	XXXX	XXXX	X		X	XX	X	X	XXXXXXX	X	XXXXX	X	XXXX	X	XXXX	X	XXXX	XXX	X				X	XX	X	XX	
NGZ						XX		X	X	X	XX	X			XXXX	XX	X	XX	XX	X	X	X	X	X	X	X								
NI1J	X		X	XX	X	X	XXXX			X	XX		XX	XX	X	X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
NJ2	X	X	X	XX	X	X	XX	X	XXX	X	XX		XX	X	XX	X	XX	XXXXXXXX	X	X	XX	X	XX	XXXXXXXXXXXX	X	XX	X	X	XXXXXXXX	XX				
NKA	X	XX	X	XX	X	X	X	X		X	X	X	X	X	X	X	XXXXXXXX		X	XX	X	X	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
NKY	X	XX	X	X		XX	X	X	X		X	XX	X	X	XX	X			XX	XX		XX	XXX	X	X	X	XXXXX	X	XXXXX					
NWCC						X					X					X		X	XX															
NNA	X	XXXX	XX		XX	X	X	XXXX	X	XX	XX	XX	XX	X	XX	XX	XXX	XX	XXX	XX	XXX	XX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
NNT	XX	X	X	X		X		XX	XXXX	X	X	X	XX		X	X																		
NOZ						XXX	XX	XX	XXXX	XX	XXXX	X	X	XXXXXX	XX	X	XXX	XX	XX	XX	XX	X	X	XXXX	X	X	XX	X	XXXX	XXXX	XXXX	XXXX		
NPS	X		XXXX				X	X	XX	X	XXX	X		X	X	XX	XX	XXX	X															
NRA0	XX	X	XXX	X		X	X	XXX		XX	X	X			X	X	XXX	XX	X	X	X	XXX	X	XX	X	XX	XX	XX	XX	XX	XX	XX		
NR1	XX	X	XX	XXXX	X	XX	X	XX	X		X	XX	X		X	XXXX	XXXXXXXX	X	XXX	X	X	XXX	XXX	X			X	XXXXXX	XX	X	XXXXXX	X		
NRZ							X				X					XX	X	X	X															
NST	X	X	X		XX	X	X	X	XX	X	XX		X		XX	XXXXXX		X	XX	X	XX	XXXX	XX	X	X	XXXX	XX	XX	XX	XX	XX	XX		
NTYM	X	X			X	XXX		X	X	X	XX				XX	X	XX	XXXXXXXX	X	XX	X	X	XX	XX										
NUR	XXXX	XXX	XXXX	XX	XXXX	XX	XXX	XXXX	X	XXX	XX	XXXXXX	XX	XXX	XXX	X	XXX	XXXXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
NVL					X	X	X	XXXXXXXX	X	XX	X	XX		XX	XXXXXXXXXXXX	XX	XX	XXX	XX	X	XXXX	XX	X	XXXX	X		X	X	X	XXXX	X	X		
NVS		X		XX		X		X		X					X																			
OBN	XXXX	XXX	XXX		X	X	XX	XX	X	XXXX	X	XX	XX	XX	XX	XXXXXX	XXXX	XX	XXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
OCO																XX	X	X	XX	X	X			XX	X				X	XXX				
ODD1		X	X	X		XX	XX	X			XX	X			XX	XXX	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ODZ						XX	X			XX	XX	X	X		X	XX	X	X	X	X	XX	XXX	XXXXXXXX		X	X	XXXX	XX	XX	XX	XX	XX		
OFUJ	XX	XX	X	XXX	X	X	X	XXXX		X	XX	XXX	X	XXX	X		X	X	X	X	XX	XX	XX	X	X		X	X	XX	XX	XX	X		
OGA	X				X		X		X		XX	XXX			X	X	XX	XX	XX	X			XXXX	XX					X					
OGE	X		X	X		X		X			X	XX			X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		
OJC	XXXXX	X	XXXX	X	XX	XX	X	XXXXXXXX	XXX	X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXX	XXXX	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
OJEN											X					XX	X	X	X															
OLY	XXX	X	X		X	XX	X	X	XXXX	XXXX	X	XXX		XXX	X	X	XXX	XXXXXXXXXX	XXXX									X	XX	XXXX	XX	XX		
OPT	XXX	X	X	XX	XXX	XX	X	X	XX	X	X	XX	X	XX	X	XX	XXXXXXXX		X	XX	X	X	X	X	X	X	XXXX	XX	X	XX	XX	XX		
ORO	X	X								X	X	X				X	X	XX	X	X								X	X					
ORV	XXX	X	X		XXX	XXXX		XX	XXXXXXXXXX	XXXX		XXXXXXXXXX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
OSS	X	XX			XX	X		X	X		X	XX	X	X	XX	XX	XX	XXXX									X		X	XXX	X			
OUR	XX		X	X	X	X	XX	X		X	XX	X	X	XX		X	XXX	XX	X	X		X	XX	XX		X	X	XX	XX	X	XX			
OUZ											X				X	XX	X		X				X	XX	XXXX			X	XXX	X	X			
OXX	XXXX	XX	X	X	X	X	XXX		XX	X	XX	X	X	X	X	XXXXXXXXXXXXXX																		
PAB																																		
PAE					X						X					XX	XX	X	X	X	X	X	X	X	X	X	X	X	X	XXX	XXX	X		
PAF	X					X					X					X	XX	X	X				X	X	X	X								
PAG	X	X	XX	X	X	XX	XXXX	X		X	XX	XXX	X	X		XXX	X	X	XXXX	XX	XXXX	XXXX	XXXX				X	X	X	X	XXX	X		
PAHZ						XX																												

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RAR										X	X					XX	X	X			X	X	X	X	X							
RBL										X													X	X	X	X						
RDJ	XX								XX			X					XX	X	X				X	X	X	X			X			
RDN	X	XX		X	XX	X		X			X	X	X	X	X	X	XX	X	X			X	XX	X	X		XXXX	XXX	X	X	X	
RDP	XX	X		X	X	X					X	X					XXXXX	X		X	XX	X	X		XX		XXXX	XXX		XX	X	
RDT	XXXX		X	XX	XXX	XX	X	X	XX	X	X	XX	X	X	X	X	XXXXXXXX	X	X	XX	X	X	X	X	XXX	XXXX	XXXX	X	X	X	X	
RDW	XXXX	X	X	XX	XXX	XX	X	XX	X	X	XX	X	X	X	X	X	XXXXXXXX	X	X	XX	X	X	X	X	X	X	XXXX	XXX		X	X	
RED	X	X	X	XX	XXX	X	X	XX	XX		X	XX	X	X	X	X	XXX	XXX	X	X	XX	X	X		X	XX	XXXX	XX			XX	
REF	XXXX		X	XX	XXX	X	X	XX	XX		X	X	X	X	X	X	XXXXXXXX	X	X	XX	X	X		X	XX	X	XXXX	XXXX	X	X	XXXX	
RFA	XXXXXXXX	X	X	XXXX	XXXXX	X	XXXX	XXXXXX		XXXXXXXXXXXXXXXXXX						XX	XXXXXXXXXXXX	X	XXX	XXXXXXXX						X	X	XXX	XXXXXXXX	XXXXX		
RFI	X										X	X	X										X	X							XX	
RIV						X					X	X						XX	X	X			X	X	X	XX	X	XX		XX	X	
RIY	X				XX	X	X	X															X	X	X				X	XX		
RJF	XXX	XXXX	X		X	XX		XX	XXXX	X	X	X	XXX		X	XXXX	XXXX	XXXX	XX	XX	XXXX	XXXX	X	X		XX	XX	XX	X	XXXX	XX	
RKG						X				XX	X						XXX	XX	X	X	X	XXXX	X					X	XX	XX	XXX	
RLO	XXXX	XXXXXXXX		XX							X					XXX	XX	XX	XXXXXXXXXX	XXX				X					XXX	XXX	XX	
RMN				XX		XX					X			X	X	X							XXXXXX	XXXXX	X	X		X	X	X	X	
RMP	X	X	X	X	X	X		XX			X	X	X	X	X	X		XX	X			X		X	XX	XX	X	X	XX	XX	XXX	
RMQ	X	XXX	X	XXX	XX	XX	XX		XX	XX	XXXXXXXXXXXX	X	XXX	XXX			XX	XX	XXXXXX	XXXXXXXXXXXXXXXXXXXX	X	XX	XXX	XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
RMW	X	X	X	X		XX	XX	XXXXXX	XXX			X	X	X			XXXXXXXXXXXXXXXXXXXX	XXXXXX									X	XX	XX	XXXX	XX	
RND	X	XX		X	XX		XX	X		X	X	X	X	X	X	X	XXXXX					X	X	X	X	X	XX	XX	X	XX	XX	
ROB	X	X	X	X			X				X	XXX	X	X	X	X	XX	XXXX	XX	X	X		X	X	X	X	X	XX	XX	XX	XX	
ROCH	XX	XXX	X	X	XXXX	XX	X	XXXX		XXX	XXXXXXXX	X	X	XX	X		XXXXX	XXX	X	X	X						X	XX	XXXXXXXX	XXXXX		
RRL	X	X	X								XX	XXX		X	X	X	XX	X	XX	XX	X	X			X	XX		X	XXX	XX		
RS1	XXXX	X	X	XX	XXX	X	X		XX	X	X	XX	X	X	X	X	XXXXXXXX			XX	X	X		X	XX	X	XXXX	XXXX	X	XX	XX	
RS2	XXXX	X	X	XX	XXX	X	X		XX	X	X	X	X	X	X	X	XXXXXXXX			XX	XX	X	X		X	XX	XXXX	XXXX	X	X	XX	
RSL	X	X				X		X			X	X	XX			X	X	X		X				X				X	XX	XX		
RSM	X	X									X					X	XX	X	X					X				X	XX	XX		
RSNY	XXXX	X	X		X	X	XX		XX	XXXX		XX	XX	X	XX	XXXXX	XXXXXXXXXXXXXXXXXXXX	XXX	X		X	XXXX	XXXX				X	XX	XXXX	XX	XX	
RSO	XXXX		X	XX	X	X	X	X	XX	X	X	X	X	X	X	X	XXXXXXXX			X	XX	X	X	X	XX	X	XX	XXXX	XXXX	X	XX	
RSP	X	X	X	X			X			XX	XXX		X	X	X		XX	X	XX	X	X			X	XX		X	XXX		XX		
RSSD	XXX	X	X	X		XX	X	XX	XX	X	XXXXXXXX	X	XX	XX	X	XX							XXXXXXXXXX			X	XXXXXXXXXX	XX				
RTBS		XXX	X			X	X	XXXX	XXX			X	X	X	X		X	XXXXX	X	X							X	X	X	XX	XX	
RTCB	XX	XXXX	X	XX		XX		XXXXXX	XXX		XXX	X	X	X	X		X	XXXX	XX	X	XX			XX				X	XX	XX	XX	
RTCV	XXX	XXX	X	X		XXX		XXXXXX	XXX	X	XXXX	X	X	X	X	X	X	XXXX	XX	X	XX	X		XXXX	XX	X	X	X	XXXX	XXXX	XXXX	
RTLL	XXX	XX	X	X	XX	X	X	XX	X	XXXX		XXX	XX	X	XX	X	XXXXXXXXXXXX	X	X	XXX	X	XXXX	XXXX	XX	X	X	X	XX	XX		XX	X
RTPR		X	X	X		XX	X	XXXX	XXX		X	X	XXX	X	X		X	XX	X	X			XX			X		XX	XX		X	
RUP		X				X					XX	X					X		X	X	X	X					X	X				
RUV						X			X	X	X	X				XXX	XX	X	X			X	X	X	XX	X			XXX	X	XX	
RYD							X		X				X			X	XX	X			XX	X	X	XX	X	X			X		X	
RZN				X	X		XX			XX		X	XXXX	X		XX	XX	XX	XX	XXX			X	X	XX	X						
SAGI	X		X		X	X	XX	X		XX	X		XXX	X	XX	X	X	X	X		X	X	XX	X	X	XXX	X	XX			X	
SAL	X															X	XX		X									X		X		
SALF			XX						X	X		X															X	X		X		
SALJ						X	XX				X	X	XX	X		XX			X	XX			XX	XX		XXX	X	X	XX			
SAN	XX	X	X	X		X	X		XXX		X	XX	X		X	X		X	XX	XX						X	X	XX		X	X	
SAO						X	X	X		X	XX					X						XX	X	XX	X		X			X		
SAOF	X		X			X		X	X							XXX	XX	X						X	X		X		XX	X	X	
SAP											X			X			X	X	X	X	X	X						X	X		X	
SBA	XX	X				X						XX				XXXXX	XX	X	X	X	X			X	XX	X			XXX		X	
SBCZ											X		X			X	XX					X		XX	X	XX	XXX		X	X	X	
SBF	X	X	XXX	X		X	XXX	XXX		XX			XX	XX	X	X	XXXX	XXXXXX		XX	X	X		X	X	X		XXX	XX	X	XXX	X
SCM	X	XX		X	XX	X	XX	X	X	XX		XX	XX	X	XX	X	XXXX	XXXXXX		X	X		X	XX	X	X	XXX	X	XXXX	XX	X	XX
SCX	X		X			X		X	X			X	XX	X			X	X	XXXX		XX						X	X		X	X	
SDA	X			X	X	X		X		XX	X		XX	X	X		X	XX	X	X	XX			X	X	X		X	X		X	
SDF												X	XX	X	X	X		XX	X	X	XX			X	XXXXXX		X	X	XXXX	XX		
SDG	X	XX		X	XX	X		X	X			X	X	XX			X	XX	X	XXXXXX			X	X	X	X	X		XX	X	XX	
SDI											X						X	XX	X	XXXXXX								XX	X	X		
SDN	XXX	X	X	X		X	XX	X	XX	X	X	X	XXXX	X		XXX	XX	XX	X		X	X	X	X	XX	XXXX		X	XX	X	X	
SDV	XXXX	XX	XX	X		XXX	X	XXXXX		XXXX	XXX	X	XX	XXXX		XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXX	XXXXXXXXXXXX							XXX	X	XXXXXXXXXXXX			
SEM	XX	XXX	XX	X	X	X	X									X																
SES	XXX	XXX	X		X	XXXX		X	XXXX	XXXX	XXXXXXXX	XXXXXX	X	XXXX	X	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXX									XX	X	XXXX	X	XXX
SEW	XXXX		X	XX	XXX	XX	X	XXX	XX		X	XX	X	X	XX	X	XXXX	XXXXXXXX		X	XX	X	X	X	X	XXX	XXXX	XXXX	X	XXXX		
SFG			X			X						X										X	X	X							X	
SFI	X	X	X	X	X	XXX	XX		X	X		X	XX	X	XX	XXX	X	XXX	X	X			X	X	X	XX	X		XX	XX	X	
SGAM	X	XX		X	XX	XX	X		XX	X		X	X	XX	X	XX	XXXXXXXX		X			X		X	XX	X			X	XXX		
SGKT	X	X	X		XXX	X	XX	X	X	X	X	XX	X	X	X		XX	X	X		XX			X	XXX	X	XXXX	X		X	XXX	
SGO	XX	X	X	X	X	XXXX	X	X	XX	X		X	X	XX	XX	XXX	XX	X										X	X	X	XXX	
SGS	X					X		X	X		X	X	X	X	X		X	XXXX	X	X				X	X			X		XX	X	
SHE						X					X	X	X			X							X	X	XXXX			X	X	XX	X	
SHI	X	XXX	XX	X	X	XXX	X	XX	XX	X	X	X	XX	X		XX	X	XXXX	XX	XXXXXXXX	X	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XX	X	X	XX	XX	X
SHK	X					X					X					X	X	X	X	X	X	X	X	XX	X			X	X		X	
SHNJ	X		XX			X	X				XX	XX		X				X	X	X	X	X	X	XX	X	X			X	XX	X	
SHW	X	X	X		X	X	XX	X	X	X		XX	X			X	XXX	XX	XX	XX	X	X	XXX	X	XX	XXXX	X	X		XX	X	
SILC																	X	XXXXXX	X	XX							X	X	X		X	
SIM	X																															

[illegible]

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
TLL	XX	X	X	X				X		XX		XX	X	X	X															XXXX	X	X	X
TMA	X		XX			XXX	X			X	X		X	XX			XX	X	XX		XX	XXXX			X	X		X		X		XXX	X
TNE			XXX								XX	X																				XXX	
TNP	XXXXXX	XX		XXXX	X	XXXXXX		XXXX	X	XXXX	XX	X	X	XX	XX	XX	XXXX	XXXXXXXXXXXX	XX	XXXX	X	XXXXXX		XXX					X	XXXXXX	XX		
TNR				XXXX					X			X	XX	X			X		X	XXXX			XXXXXX	X	XX			XX			XX		
TNS	X	X	XX		X			XX				X	X				X	X	XX		XX	X		X	X	XXXXXX					XX		
TOA	X	XX	X	X	XXXX		XXXX	X	XX	XX	X	XX	X	XXXX	X	XXXX	XXXXXXXXXXXX	XXX	X	X	X	XXXXXX		X	XXX	X	X	XXX	XX	X	XXXX		
TOL	XX		X		X	X	XX		XX	XX	XX	X	X	XXXX																			
TOO	X	XXX	X	X	X	X	XX			XXXX	XX	XXX	XXXX	X	X	XXX			XX	X	XX		XXXXXXXXXXXXXXXXXXXX	X		X	X	XXXXXX	XX				
TOUF	X		X			X		X								XXX	XX										X		XX	X	X		
TOV	XX	X	X	X		XX	X	XX	X		XXXX	X	XXXX	XXX	X	XX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	X	XXXX	XXX		XXX				XXXX	XXXXXXXXXXXXXXXX				
TPE	X			X		X		XX	X	X	XX	XX	XX			X	X	XX	X	XX	X			X	X	X	XXX		XXX	XXX	X		
TPNV	XXXXXXXX	X	X	XXXX	X	XXXX	XX	XXXX	X	XXX	X	XX	X	XXXXXXXX	X	XXXXXXXX	XXXXXXXX	X	X	XX	XXXXXXXX	XXXX		X	X	X							
TPP		X	X		X		X		XX		XX	X	X			XX	X	XX		X													
TPR			X							X						XX	X	X	X	X													
TPT	X				X			X	X	X	X					XXX	XXX	X	X			X	X	X	XX	X				XXX	X	XX	
TPX		X		X				X	X	X	X	XXX	X				X	XXXXXXXX		X	X									X	XX	X	
TRF	X	XX		X	XX	X	XX		X	X	X	X	X	X	X	X	XXXXXX			X	X	X	X	X	X	X	XXX	XX	X	X	X	XX	
TRHT	X				X	X		X	X	X	X	XX		X		X	X	X	X	X	X	X	X	XXX	XXXXXXXX	X		X		X	XX		
TRI	XXX	XX		X	X	X	XX		XX	XXXX	X	X	XX	XX	X	XXX	X	XX	X	X	XXXX	XXX	X	X	XX	X	XX	X	X	X	XXX	X	X
TRN			X	X		X	X	X	XX		XXX		XX	X	X		XXXX	X	X			XXXXXX	X		X	X	X		XXXX	X			
TRO	XXX						X							XX	X		X	X	X	X							X	X		X			
TRT	X	XX			X	X				XXXX	XX							XXX	XXXX		X	X		XXXXXX	XX			XXXX	X	XXXX	X	XXXX	
TSM						XX	X			X		X	X		X	X	XXX	XXXX		X	X	X	X	X	X	XX	X	X	X	X	X	X	
TSRJ	X		X	XX	X	X	X	X				X	X	X			X	X	X	X		X		XXXXXX		X	X	X	X	X	X	X	
TTA	XXXX	XX	XXXXXXXX	XX	X	X	XXXX	X	XXX	XXXXXXXX	XXX	X	XX	XXXXXXXXXX					XXXXX	X	XXXXXXXXXXXX	XXX	XX	X	XX	XX	X	XX	XX	X	XX	X	
TTG	X	XX		X	X		XX	X	X	X	X	X	X	X	X			XX	X		XX	XX		XXX	X	X	X	X	XXXX	X	XXXX		
TTH							XX		X	X	X	X	XX			X	X	X	X	X	X	X	X	XX			X	X					
TUC	XXXX	X		X	X	XXX	XX	XX	XXXXXXXX	XX	X	X	XX	X	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX		XX		X	XXXXXXXX	X			
TUH					X	X					X					X	X	X											X	XX			
TUL	XXX	X	XXXXXX		X	X	XXX		XXXX	XXXX	X	XX	XXX	XX	XX		XX	XXXXXXXXXXXXXXXX	XXX		X	XXXX	X	XX	X	X			XXXXXXXX	XX			
TUZ							X				X	X	X	X		XX	X	X	X	X	XX	XXX	XXXXXXXX			X	X	X	X	X			
TVO						X		X								XX	XX	X	X	X	X	X	X	XX	X				XXX	X	XX		
TWC				X	X	X		X				X	X	X																			
TWF1	XX			X	X	X		X			X		X																				
TWO	XX			X	X	X		X			X	X																					
TWZ	XX			X	X	X		X			X	X																					
TYNO	X				X			X				X	X			X	X	XXX	X					X	X					XX	X		
TZL	X	X		XX	X	X		X	X		X	X	X	X		X	X	XXXX			X	X	X	X	X	X			X	X			
UCC	X					X		X			X	X				X	XX	XX	X	X		X	XXX	X	X	XX				XX	X		
UER	X		X	X		X	XX		X			X	X		X	XX		X	X	XX	X	X	XXX		X	X			X	X	XX	X	
UKR	X		X	X	XX		X	X	X	XX			X	X	X	XX	X	X	X	XX	X	X	X	X	X				X	X	X	X	
ULC	X	X		X	X		X	X			X	XX	X	X		XX	X		XX	XX		XXX	X	X	X		XXXX		XXXX				
ULM	XXXX	X	XX		X	X	X		XX	XXXXXXXX	XX	X	X	XXX	XX	X		XXXXXXXX	XXXX	X	XXX	X	X	X	X				XXXXXXXX	X	XX		
UNM			X					X		X	X					XX	X		XXXX		X	X	XX	XXXX	XXXX		X	XX	X	X			
UPA																																	
UPP	X	X	X	XX		X	X	XXX		X	X		X	XXX	XX		XXX	X	X	XXX	X	XXX	X	XXX	XXXXXX				X	XXXX	XX		
URZ							XXXX	XXXX	XX	X	XX	XXXX	XX	X	XXXXXXXX	X	XXX	XX	X	XX	X	XX	XXXXXXXX	XX	X	XXXX		XXXXXXXX	XXXXXX				
UYO	XXXX	X	XXX	X		X	X	X	XX	XXX	XXXXXXXX	XXXX	X	XXXXXX	XX	XX	X	XXXX			XXXX		XXXX		XX	XX				XXXX	X	X	XX
UZD	X				X	X			X	X	X					XX	XX	X	X	X	XX	X	XXX	XXX	X		X						
UZH	XX		X	X	X		X		XX		X	X	X			XXX	XXXX	XX	X	XXXX	X	X	XXXXXXXXXXXX	X	X			X	X	XXXX	XXX		
VAH							X		X	X	X					XXX	XX	X	X		X	X	XX	X				XXX	X	X	XX		
VAI	X										X	X	X			XX	X	XXXX	X				X	X	XX	X			X	XX	X		
VAL	X										X					X	XX	X	X	X			X	X									
VAO	XX	XXX	X		X	XXX		X	X	X	X		XXXXXXXX	X		X	XXXX	XXXXXXXX		XX	XX	XXXXXXXX	X	X			X	XXXX	X	X			
VAY	XXX	XX	XXXXXX	XX	XXXX	XXX	XXXX	XX	XXXX	XX	XXXXXX	XXX	XXXX	XXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXXXXXXXXXXXXXXXXXX	X	XXXXXX	XXXXXXXXXXXX			XXXX	XXXX	XXXX			
VBY	XXX	XX	XXX	XXX	XX	X	X	X	X	X	XX	XXXX	XXX	XXX	XXXX	XXX	XXXX	XXXX	X	XXXXXXXX	XX	X	X	XXX	XXXX	X	XXX	XX	XX	XXX	XX		
VDL	X		X		X	X	X		X	X		X				XX	X	XX	XX	XX	X							X	XXX	X			
VGB	XXX	X	X		X	XX	XX	XXXX	X	XX		XX	X		X	XX	XX	XXXXXXXXXXXX		XX	X	XXXXXXXXXXXX	XX	X	X			XXXX	X				
VITF	X	X				XXX		X	X		X	X			X	XXXXXXXX	X	XX	XXX			X	XXXX	X	XX		XX		X	XX			
VKA											X		XX			X	X	XX	X	X	X		XXXXXXXX	X	XX			X		XX	XXX		
VLI	XX	XX	X	XXXX	X	X		X	X	X	XX	XX	XXXX	XX		XXXX	XX	X	XX	XX	X	XXX	XX	XX	XXX	XX		XXX		XXXX	XX		
VLO					X		X				XX	XX	XX			X		X	X			X	X	X									
VLS	XX	XX	X	XXXXXX	X	X		XX	X	X	X	XX	XX		X	X	XX	XX	X	XXX	X	X	XXX	XX	X	X	X			XXXX	X		
VLZ	X	XX		X	XX	XX	XX	X	XX	XX	X	X	XX	X	X	XX	X	XXXXXXXX		X	X	X	X	XX	X	XX	X	XX	XXX	X	XXXX		
VOY	X	XX	X		X	XXXX	XX	X	XX	XXXX		X	XX	XX	X	XX	X	XXX	X	XX	XX	X	X	X	XXX	XXXX	X			X	XX		
VRAC	XXXXXXXX	X	X	XXX	XX	XXXXXXXX	XXX	XX	XX	XXXX	X	X	XXXX	X	X	XXXX	XXXX	XXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			XX	XXX	XXX	X	XXXXXXXXXXXX		
VRI	XXX	XX	XXXX	XXX	XXXXXXXX	XX	X	XX	XX		X	X	XX	XX	XX	XXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX			XXX	XXXXXXXXXXXX	XX				
VTS			X	X	X	XX					X		XXXX	X		XX	XX	XX	XX	X		X	X	XXX	X								
VUN												X	X		X	X	XX	XX	XX	X	X	X		X	XX	XX		X	X				
VVI	X						X			X	X	X				X	XXX	X	X			X	X										

[illegible]

The following stations each reported less than 10 readings:

[illegible]