

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT

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by

U.S. Geological Survey

NATIONAL EARTHQUAKE INFORMATION CENTER¹

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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_S). 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 RPPG 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.

% DEC 01, 1992 00h 06m 07.58±1.77s
40.044 N ±17.2km 24.392 E ± 8.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

OUR 0.43 313 ePg 06 17.24 0.9
eSg 06 23.56
SOH 1.11 315 ePg 06 28.76 0.3
eSg 06 43.96
SRS 1.23 331 ePb 06 29.36 -1.1
eSb 06 47.16
LIT 1.46 273 ePb 06 33.76 -0.2
ALN 1.52 55 ePb 06 35.08 0.3
KNT 1.59 315 ePb 06 35.72 -0.2
S.D. = 0.9 on 6 of 6 obs.

DEC 01, 1992 00h 23m 22.84±0.09s
20.864 S ± 2.3km 169.234 E ± 2.8km
DEPTH = 32.3km (12 depth phases)
5.8mb (71 obs.) 5.7Msz (46 obs.)
VANUATU ISLANDS (186)

FAULT PLANE SOLUTION: P-Waves
NP1: Strike=140 Dip=64 Slip= 20
NP2: 41 72 153
Principal Axes:

T P1g=32 Azm=359
P 5 92

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.

RADIATED ENERGY

No. of sta: 8 Focal mech. F
Energy 1.7±0.5*10**13 Nm

MOMENT TENSOR SOLUTION

Dep 38 No. of sta: 13

Moment Tensor: Scale 10**18 Nm

Mrr= 0.02 Mtt= 1.05

Mff=-1.07 Mrt= 0.43

Mrf= 0.05 Mtf=-0.14

Principal axes:

T Val= 1.21 P1g=20 Azm= 3

N -0.12 70 197

P -1.09 5 95

Best Double Couple: Mo=1.1*10**18

NP1: Strike=141 Dip=73 Slip= 11

NP2: 47 79 162

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 37S, 86C

Centroid Location:

Origin Time 00:23:26.8 0.2

Lot 20.86S 0.02 Lon 169.13E 0.02

Dep 29.2 1.4 Half-duration 1.0

Moment Tensor: Scale 10**18 Nm

Mrr=-0.32 0.01 Mtt= 0.78 0.02

Mff=-0.47 0.02 Mrt= 0.13 0.04

Mrf=-0.18 0.04 Mtf= 1.09 0.01

Principal Axes:

T Val= 1.41 P1g= 1 Azm=330

N -0.26 75 63

P -1.16 15 240

Best Double Couple: Mo=1.3*10**18

NP1: Strike= 16 Dip=79 Slip=-170

NP2: 284 79 -11

DZM 2.86 245 iPd 24 05.50 -1.8
iS 24 39.40
PVC 3.23 344 iP 24 12.00 -0.4
iS 24 53.50
SVA 9.12 74 ePd 25 35.80 0.5
HNR 14.47 320 eP 26 50.00 2.7X
SVO 14.77 321 P 26 55.00 3.7X
BRS 16.36 243 iPc 27 12.00 0.2
1.0s 55.00nm 4.6mb X
i 27 51.00
iS 30 30.00
WLZ 17.82 163 P 27 29.90 -0.1
MOZ 18.23 166 P 27 35.40 0.4
HBZ 18.44 157 P 27 38.10 0.5
ARMA 18.49 235 iPc 27 40.00 1.6
0.5s 86.00nm 5.2mb
i 27 43.20

URZ 18.63 160 P 27 40.40 0.5
WHH 19.02 162 P 27 44.70 -0.1
PAHZ 19.16 161 P 27 46.80 0.4
NOZ 19.25 159 P 27 46.80 -0.6
MOH 19.44 161 eP 27 48.80 -0.8
RMO 19.57 249 iPd 27 52.00 0.9
1.2s 926.00nm 5.9mb
i 29 34.70
WAHZ 19.74 164 P 27 52.20 -0.7
QRZ 20.10 173 P 27 57.00 0.4
TEHZ 20.13 163 P 27 55.90 -1.1
DIW 20.27 170 P 27 58.70 0.3
MNG 20.40 166 P 27 58.90 -0.9
KIW 20.51 168 P 28 00.30 -0.6
PGZ 20.59 165 P 28 00.20 -1.4
TCW 20.73 169 P 28 03.20 0.0
CAW 20.78 167 P 28 02.80 -0.9
MRW 20.83 168 P 28 03.40 -0.8
MTW 20.92 167 P 28 03.40 -1.7
DSZ 20.93 175 P 28 04.90 -0.4
THZ 21.07 172 P 28 06.70 0.0
BLW 21.11 167 P 28 05.60 -1.5
MOW 21.12 167 P 28 05.70 -1.4
AMW 21.12 166 P 28 05.60 -1.5
CTA 21.54 268 iPd 28 12.00 0.5
1.2s 367.19nm 5.7mb
i 28 27.00 66kmX
i 29 05.00
iS 32 16.00
CTAO 21.54 268 iPd 28 12.24 0.7
KHZ 21.79 171 P 28 13.10 -0.8
LTZ 22.00 174 P 28 16.40 0.4
CNB 22.62 226 iPd 28 24.50 2.2
1.7s 1143.00nm 6.1mb
LMZ 22.79 180 P 28 24.60 0.9
BWA 22.80 229 iPd 28 23.50 -0.5
epP 28 31.80 30km
CAN 22.87 227 iPd 28 26.00 1.3
MQZ 22.96 174 P 28 25.10 -0.2
RAB 23.46 313 eP 28 28.00 -2.5
CMS 23.47 238 iPd 28 31.90 1.4
1.3s 839.00nm 6.1mb
QLP 23.56 251 iPd 28 32.70 1.3
0.5s 600.00nm 6.4mb
MMCZ 24.07 180 P 28 36.70 0.4
PMG 24.13 295 eP 28 37.00 0.1
1.1s 455.70nm 5.9mb
MHZ 24.13 180 P 28 37.40 0.5
LRCZ 24.14 180 P 28 37.20 0.2
ODZ 24.14 178 P 28 37.20 0.3
SBCZ 24.16 180 P 28 37.60 0.5
LSCZ 24.19 180 P 28 37.60 0.2
CMCZ 24.22 180 P 28 38.10 0.4
TLC 24.26 180 P 28 39.00 0.8
SIZ 25.96 182 P 28 53.90 -0.2
TOO 26.47 226 iPc 28 59.40 0.4
1.3s 543.00nm 6.0mb
STKA 27.01 240 iPd 29 08.20 4.3X
eS 33 47.50
e 36 10.10
STK 27.01 240 P 29 08.50 4.6X
MDG 27.55 301 eP 29 09.50 0.5
OIS 27.70 265 eP 29 09.30 -1.0
0.5s 5.00nm 4.4mb X
BFD 28.30 229 eP 29 15.70 0.1
1.3s 167.00nm 5.6mb
ADE 30.27 236 eP 29 33.00 -0.3
WRA 32.68 265 P 30 08.90 14.4X
0.9s 6.00nm
ASPA 32.77 258 iPd 29 53.80 -1.5
0.9s 208.20nm 6.0mb
i 32 40.80
MTN 37.25 276 eP 30 32.30 -1.3
0.5s 165.00nm 6.1mb
KNA 38.68 271 eP 30 44.60 -1.0
0.7s 78.00nm 5.6mb
WARB 39.28 254 eP 30 49.50 -1.1
SWI 42.06 293 iPc 31 13.00 -0.5
COOL 44.12 247 eP 31 28.30 -1.8
MEEK 46.45 253 eP 31 45.00 -3.8X
KLB 47.02 246 eP 31 51.30 -1.9
0.6s 115.00nm 6.1mb
RKG 47.72 242 eP 31 57.50 -1.2
BAL 47.94 247 eP 31 58.70 -1.7
MUN 48.35 245 iPc 32 02.20 -1.4
1.2s 219.00nm 6.1mb
MRWA 48.61 249 iPc 32 04.40 -1.2

MNI 48.76 292 ePd 32 06.50 -0.4
1.0s 499.10nm 6.5mb
NANU 49.70 258 iPc 32 13.60 -0.5
0.5s 46.00nm 5.8mb
MKS 50.68 281 iPc 32 21.00 -0.7
BIP 51.18 300 ePc 32 25.00 -0.4
PCI 52.11 286 iPc 32 34.30 1.8
e 34 14.50 519kmX
CGP 52.57 299 iP 32 34.50 -1.4
HON 52.75 39 P 32 41.54 4.4X
Z 20s 5.10um 5.6Msz
S 40 30.03
KHKI 53.13 275 ePd 32 38.90 -1.2
e 35 46.10
PLP 53.90 302 ePd 32 42.50 -3.1X
TRT 56.12 275 ePc 32 42.50 -19.4X
1.5s 281.30nm
SBA 57.05 181 iPc 33 14.00 6.3X
KKM 58.50 291 ePc 33 19.70 0.9
1.5s 1100.90nm 6.7mb
CSY 58.65 204 eP 33 17.90 -1.1
0.7s 18.50nm 5.3mb
TGY 58.81 302 iPd 33 23.00 2.2
CVP 60.25 306 ePd 33 32.00 1.4
BAG 60.43 304 eP 33 30.50 -1.6
eS 41 44.00
KAKJ 63.07 334 eP 33 47.80 -1.4
CHJJ 63.43 333 eP 33 50.50 -1.2
WKYJ 63.45 329 P 33 51.60 -0.3
KAGJ 63.50 324 eP 33 50.90 -1.4
TKSJ 64.01 328 P 33 54.80 -0.8
MAT 64.18 333 eP 33 55.00 -1.6
1.0s 115.00nm 5.9mb
Z 20s 3.19um 5.5Msz
eS 42 28.00
TSRJ 64.34 330 eP 33 56.90 -0.8
MTMJ 64.39 332 eP 33 56.50 -1.6
NIIJ 64.44 334 eP 33 57.40 -0.8
KUMJ 64.56 324 eP 33 57.80 -1.4
YAMJ 64.81 335 eP 34 00.20 -0.5
OFUJ 64.98 337 P 34 00.60 -1.1
YONJ 65.27 328 P 34 02.90 -0.8
SHNJ 65.63 326 eP 34 06.30 0.3
AOMJ 66.75 336 eP 34 15.60 2.5
QZH 67.05 310 eP 34 17.00 1.7
Z 20s 1.87um 5.3Msz
HODJ 67.34 339 eP 34 16.70 0.0
KUSJ 67.53 341 eP 34 16.10 -1.8
MRRJ 68.13 338 eP 34 20.80 -0.9
KGM 68.34 281 ePc 34 23.90 0.3
1.2s 435.40nm 6.4mb
ASAJ 69.10 340 eP 34 27.40 -0.3
SSE 69.24 317 (P) 34 27.54 -1.3
1.2s 30.00nm 5.2mb
N 18s 2.00um
E 18s 1.40um
PcP 34 52.00
S 43 32.60
sS 43 46.00
SKS 44 28.00
GZH 69.82 306 Pc 34 34.00 1.5
Z 20s 2.74um 5.5Msz
S 43 40.00
QIZ 70.38 300 eP 34 36.80 0.7
N 23s 2.67um
E 17s 0.99um
NJ2 71.37 316 iPc 34 42.00 0.3
1.0s 34.00nm 5.3mb
N 20s 4.17um
E 17s 1.71um
S 43 57.00
IPM 71.46 282 ePc 34 42.30 -0.4
1.0s 191.80nm 6.1mb
YSS 71.68 341 ePc 34 42.07 -1.2
0.4s 20.00nm 5.5mb
e 34 53.00 36km
iS 44 02.00
SNG 72.88 285 eP 34 50.50 -0.5
1.2s 287.50nm 6.2mb
S 44 14.00
SMY 73.40 3 P 35 00.00 6.7X
Z 20s 10.85um 6.1Msz
WHN 73.44 313 Pd 34 53.50 -0.5
1.0s 80.00nm 5.7mb
Z 20s 3.11um 5.6Msz
N 18s 2.08um
E 18s 2.56um

01d 00h

			pP	35	03.00	31km	SDN	80.16	17	eP	35	31.40	0.4	MIN	88.51	46	ePc	36	13.71	0.0
			S	44	20.00		CD2	81.22	308	P	35	37.60	0.3	LMEM	88.63	45	(P)	36	14.70	0.4
ADK	73.48	9	eP	34	54.30	0.6	Z	20s	2.81um			5.6msz	PMR	88.66	19	eP	36	17.30	3.6X	
	0.8s		84.50nm				N	16s	1.87um				PLM	88.67	54	eP	36	13.69	-0.9	
PET	74.14	353	eP	35	10.00	12.5X				pP	35	47.60	32km	PEC	88.68	53	eP	36	13.36	-1.1
			e	37	44.00					eS	45	44.20			1.1s		27.58nm		5.5mb	
			eS	44	28.00		HHC	81.45	320	eP	35	37.20	-1.1	LBFM	88.81	45	eP	36	14.50	-0.7
			e	45	10.00			1.2s	100.00nm			5.7mb	MMPM	88.99	49	eP	36	15.98	-0.3	
MDJ	74.54	332	ePc	34	59.23	-0.9	Z	25s	6.07um			5.9mszX	MEMM	89.08	49	(P)	36	16.10	-0.1	
	1.0s		92.00nm				N	18s	1.61um				MTUM	89.20	49	eP	36	15.96	-1.1	
	Z	24s	3.31um			5.5mszX	E	16s	1.67um				MRCM	89.39	49	eP	36	17.10	-0.9	
	N	20s	2.10um						S	45	50.00		GSC	89.56	52	eP	36	18.58	-0.1	
	E	18s	2.62um						SS	51	01.00		BONR	89.66	49	eP	36	18.11	-1.3	
			S	44	31.00		BTO	82.24	319	P	35	43.00	0.5	GLA	90.08	55	eP	36	20.44	-0.6
			SKS	45	00.00		N	18s	1.82um				KVN	90.30	48	eP	36	22.28	0.1	
			SS	49	21.00		E	17s	1.25um				LSA	90.37	302	iPd	36	23.20	0.1	
TIA	75.15	319	eP	35	02.80	-1.0				PP	38	55.00			1.2s		6.00nm		4.8mb X	
	Z	26s	4.61um			5.7mszX				eS	45	54.00					SKS	46	51.00	
	N	18s	2.28um				HIA	82.51	330	(P)	35	43.11	-0.4				S	47	18.00	
	E	18s	2.62um				LZH	83.81	312	eP	35	51.50	0.8	SIT	90.38	27	P	36	30.00	8.2X
			pP	35	10.00	23km		1.5s	190.00nm			6.0mb		Z	21s		2.56um		5.6msz	
			S	44	41.00		Z	30s	2.68um			5.4mszX	BALM	90.41	21	(P)	36	22.45	0.4	
SNY	75.33	326	Pc	35	03.00	-1.6	N	20s	1.75um				TNP	90.48	49	eP	36	21.61	-1.4	
	1.0s		38.00nm			5.4mb			S	46	11.00			1.0s		29.29nm		5.5mb		
	Z	20s	2.55um			5.5msz			SS	51	42.00		BMW	90.51	40	eP	36	23.12	0.3	
	N	16s	1.54um				KDC	84.56	19	eP	35	52.21	-1.5	BOD	90.73	334	eP	36	22.30	-1.1
	E	16s	0.60um					1.1s	45.43nm			5.6mb		1.1s		116.00nm		6.1mb		
			PcP	35	13.50		AIA	85.01	160	eP	35	57.90	1.9	SHW	90.97	40	eP	36	25.27	0.3
			iS	44	47.00		SVW	86.45	16	(P)	36	03.17	0.0	IMA	91.08	14	eP	36	23.98	-1.1
			ScS	45	13.00			1.2s	82.00nm			5.8mb		1.6s		14.13nm		5.1mb		
CN2	75.84	329	eP	35	06.40	-1.1	PCC	86.60	48	ePc	36	05.10	0.8	GMW	91.31	39	eP	36	26.03	-0.3
	1.0s		120.00nm			5.8mb	GCC	86.63	48	ePc	36	05.02	0.5	PGC	91.48	38	eP	36	26.50	-0.5
	Z	20s	3.02um			5.6msz	PRS	86.74	49	iPc	36	06.06	1.0		1.0s		44.00nm		5.8mb	
	N	17s	1.84um				BKS	86.88	48	ePc	36	06.55	0.9	LON	91.50	40	eP	36	27.30	0.0
	E	17s	1.53um				KMPM	86.88	45	eP	36	05.90	0.2	ZAK	91.60	324	iPc	36	29.80	2.2
			pP	35	17.40	36km	ZSP	86.90	47	ePc	36	06.44	0.7		1.3s		119.00nm		6.1mb	
			eS	44	49.00		COE	86.97	48	eP	36	06.54	0.4				e	47	00.00	
			eSKS	45	14.00		FOX	87.02	45	eP	36	07.56	1.3				eS	47	24.00	
			eSS	49	44.00		ARN	87.11	48	eP	36	06.61	-0.3				ePS	48	40.00	
LOE	76.33	295	eP	35	11.15	0.3	BCH	87.12	51	eP	36	06.38	-0.7				eSS	53	27.00	
ENH	76.70	310	ePc	35	11.55	-1.1	PR1	87.15	50	iPc	36	08.35	1.2				eSSS	57	15.00	
			ed	35	14.28	9kmX	FHC	87.17	44	iPc	36	08.24	1.2	FBA	91.62	17	eP	36	25.65	-1.8
			iPd	35	14.60	1.4	LLA	87.18	49	ePc	36	08.09	0.9		1.1s		18.70nm		5.4mb	
GYA	76.74	305	iPd	35	14.60	1.4	CIT	87.24	329	eP	36	09.00	1.8	FBA	91.62	17	eP	36	29.10	1.7
	1.2s		62.00nm			5.5mb	Z	20s	2.16um			5.6msz	RMW	91.85	39	eP	36	28.99	0.1	
	Z	40s	1.84um			5.1mszX	N	18s	1.51um				MCW	91.85	38	eP	36	27.92	-0.9	
	N	20s	2.11um				E	18s	5.40um				IRK	92.05	326	eP	36	28.00	-1.6	
	E	20s	1.45um						eS	46	50.00			1.6s		65.00nm		5.8mb		
			PP	38	08.00		NVL	87.25	187	iPc	36	05.80	-1.2		Z	18s		1.41um		5.5msz
			S	45	00.00			1.2s	200.00nm			6.2mb		N	16s		0.34um			
NST	76.92	292	iPc	35	21.00	6.9X	Z	19s	11.50um			6.3msz		E	20s		0.85um			
MAW	76.93	202	P	35	14.19	0.8	N	19s	7.50um								e	36	39.00	35km
BSI	77.06	281	eP	35	15.00	0.0	E	20s	4.00um								eS	47	28.00	
	0.8s		584.10nm			6.7mb			e	36	16.00	32km					e	48	46.00	
KHT	77.87	291	eP	35	21.00	1.6			eSKS	46	42.00		TUC	92.90	57	eP	36	33.13	-1.0	
BJI	78.19	321	ePc	35	18.75	-1.9			eS	46	55.00			1.3s		65.56nm		5.9mb		
	1.3s		100.00nm			5.7mb			e	37	38.00		Z	18s		1.68um		5.5msz		
	Z	20s	2.70um			5.6msz			eSKS	46	42.00		ARUT	93.06	51	eP	36	35.42	0.5	
	N	16s	1.73um						eS	46	55.00		MOY	93.52	325	ePd	36	38.50	2.2	
			ed	35	21.98	10kmX	SLKM	87.48	19	eP	36	06.82	-1.3	GUN	93.96	298	P	36	39.18	-0.3
			ePP	38	20.00		ABL	87.59	51	eP	36	08.23	-1.2	PKI	94.23	298	P	36	40.52	-0.1
			eS	45	16.00		TTA	87.90	15	eP	36	11.30	1.2		1.1s		161.00nm		6.3mb	
			eSS	50	21.00		LGPM	87.98	45	eP	36	10.32	-0.7	MSU	94.27	50	eP	36	40.74	0.2
TIY	79.02	317	Pd	35	27.00	1.6	WDC	88.01	45	eP	36	09.75	-1.3	KKN	94.41	298	P	36	41.28	-0.1
	1.4s		87.00nm			5.6mb		1.7s	194.67nm			6.1mb		1.1s		141.00nm		6.3mb		
	Z	31s	4.47um			5.6mszX		Z	21s			5.6msz	DUG	94.48	49	eP	36	41.81	0.5	
	N	20s	2.59um				ORV	88.20	46	iPc	36	12.42	0.4		1.1s		6.97nm		5.0mb	
	E	21s	3.18um				FRI	88.23	49	iPc	36	12.76	0.6	DMN	94.49	298	P	36	41.94	0.2
			pP	35	36.00	29km	GTA	88.23	313	eP	36	12.40	0.1		1.1s		234.00nm		6.5mb	
			sS	45	38.00			1.0s	67.00nm			5.9mb	GKN	95.02	298	P	36	43.54	-0.5	
KMI	79.13	302	ePc	35	26.75	0.3	Z	18s	3.71um			5.8msz		1.1s		137.00nm		6.3mb		
	1.5s		220.00nm			5.9mb	E	16s	1.17um					1.1s		137.00nm		6.3mb		
	Z	25s	2.20um			5.4mszX			pP	36	24.50	39km	HVU	95.13	47	eP	36	43.97	-0.3	
	N	15s	0.60um						SKS	46	38.00		DAU	95.66	49	eP	36	47.22	0.3	
	E	15s	0.80um						eS	46	51.00		SRU	95.69	50	eP	36	45.70	-1.3	
			ed	35	29.90	10kmX	CMB	88.24	48	eP	36	10.59	-1.7	HHAI	96.00	46	(P)	36	47.68	-0.5
			e	35	37.84			1.0s	37.06nm			5.6mb	TIK	96.31	348	iPc	36	49.00	0.2	
XAN	79.20	313	P	35	26.00	-0.5	Z	18s	1.75um			5.5msz		1.0s		18.00nm		5.5mb		
	1.0s		70.00nm			5.6mb	YAK	88.39	343	eP	36	11.20	-1.2		Z	19s		4.50um		6.0msz
	Z	26s	3.34um			5.6mszX		1.1s	250.00nm			6.4mb					e	36	55.00	19kmX
	N	20s	2.80um						e	36	21.00	31km					e	42	46.00	
			PcP	35	34.00				e	39	41.00						e	47	20.00	
			S	45	25.00				i	46	34.00		GBA	96.39	282	P	36	52.00	1.7	
CHG	79.32	295	iPd	35	28.50	1.1			i	46	56.00		PV09	96.47	51	eP	36	49.93	-0.7	
	1.3s		295.19nm			6.1mb			eSS	52	46.00		HYB	96.66	286	eP	36	51.00	-0.5	
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ALO	97.22	55	eP	36	54.09	0.1	DAG	123.91	2	ePKP	42	15.00	-3.3X			0.8s	382.00nm			
	1.0s	5.21nm			5.0mb			0.9s	25.21nm					OUR	144.66	311	ePKP	42	55.76	-2.2X
Z	18s	1.63um			5.5Msz		BUL	123.92	226	iPKPd	42	19.00	-1.2	EBL	144.67	352	ePKP	42	54.70	-2.8X
LCCM	97.30	44	eP	36	54.30	0.2		1.0s	40.00nm				PRU	144.70	331	PKP	42	56.00	-1.8	
BW06	97.72	47	eP	36	55.52	-0.6	HRV	125.16	52	PKP	42	30.00	8.3X		1.2s	158.60nm				
	0.9s	4.33nm			5.0mb		Z	20s	1.40um			5.6Msz		Z	25s	3.00um			6.0MszX	
WMO	98.32	314	P	37	00.00	1.5	MIM	126.73	49	ePKP	42	24.20	-0.5			i	42	58.00		
	1.4s	23.00nm			5.5mb		MGP	127.03	83	PKP	42	22.00	-4.1X			pPKP	43	06.00		
Z	23s	2.24um			5.6MszX		MCP	127.10	82	PKP	42	25.50	-0.7	ZST	144.72	327	iPKP	42	56.40	-1.4
N	17s	2.20um					CBM	127.13	46	ePKP	42	24.19	-1.2			i	43	07.10		
		pP	37	05.80	18kmX		Z	18s	1.73um			5.8Msz		SOH	144.90	312	ePKP	42	53.36	-5.1X
		sP	37	11.80			PORP	127.46	83	PKP	42	24.00	-2.9X	NPS	145.05	302	ePKP	42	53.00	-5.9X
		eSKS	47	33.00			EMM	127.88	49	iPKPd	42	26.05	-0.8	VKA	145.06	328	iPKPc	42	57.90	-0.6
GOL	99.63	51	eP	37	07.43	2.5	SDF	127.91	343	iPKP	42	25.00	-1.3			i	43	08.80		
	1.1s	7.70nm			5.1mb		SJG	127.93	83	e(PKP)	42	25.00	-2.8X	KNT	145.07	313	ePKP	42	57.48	-1.2
Z	19s	2.01um			5.6Msz		CPD	128.13	83	PKP	42	25.50	-2.7X	EKA	145.11	352	PKPc	42	56.20	-2.1X
RSSD	101.96	47	ePdiff	37	15.47	0.2	GRO	128.26	309	iPKPc	42	29.00	1.3		0.7s	140.40nm				
	0.8s	4.61nm			5.2mb			1.5s	240.00nm				ESK	145.13	352	ePKPd	42	56.00	-2.3X	
Z	18s	1.23um			5.5Msz		BAO	128.51	132	e(PKP)	42	26.00	-3.1X		1.0s	240.00nm				
YKA	102.11	27	ePdiff	37	17.30	2.2X			e	42	28.80		VAY	145.23	313	iPKP	42	57.00	-1.9	
	0.8s	1.10nm			4.5mb	X			e	42	33.30			1.3s	194.00nm					
ELT	102.37	322	ePdiff	37	16.50	0.1			e	42	37.10		SOP	145.33	327	iPKP	42	58.10	-0.8	
	1.9s	46.00nm			5.8mb		BDF	128.55	132	PKPc	42	26.80	-2.4X	WIT	145.38	341	ePKP	42	59.00	0.2
Z	18s	0.60um			5.2Msz				e	42	29.00				e	43	10.00			
		eS	49	01.00					e	42	33.80		MOX	145.45	335	ePKP	42	58.40	-0.6	
		e	50	35.00					e	42	37.80			1.5s	327.00nm					
UKR	102.55	320	iPdiff	37	19.00	1.7	WIN	128.99	214	ePKP	42	28.10	-1.9		Z	22s	2.20um		5.9Msz	
	1.6s	29.00nm			5.7mb			1.1s	22.00nm					N	22s	1.80um				
		i	47	51.90			Z	20s	8.66um			6.4Msz		E	21s	1.10um				
WMOK	103.15	58	Pdiff	37	30.00	9.5X	ERE	129.48	305	iPKP	42	30.00	-0.3			e	43	08.60		
	Z	18s	2.89um		5.8Msz		LMN	129.57	47	ePKP	42	31.00	0.9	GRG	145.50	313	iPKP	42	58.04	-1.4
NRI	106.27	339	iPdiff	37	33.80	0.4	MOS	130.03	326	ePKP	42	31.00	0.4	GCD	145.66	353	ePKP	42	57.90	-1.3
	1.4s	18.00nm			5.9mb		Z	18s	3.10um			6.0Msz		SKO	145.69	315	iPKP	42	59.60	-0.1
Z	22s	12.00um			6.4Msz				e	44	40.00			1.0s	229.00nm					
E	22s	11.00um					PYA	130.05	310	ePKP	42	32.00	0.9		E	16s	1.49um			
		e	48	07.00			OBN	130.83	326	iPKP	42	33.50	1.3			i	43	01.20		
MIAR	107.25	59	PKP	42	00.00	12.2X		1.5s	77.00nm						i	43	09.30			
	Z	18s	1.33um		5.5Msz				e	42	41.20				i	43	13.50			
ULM	108.82	43	ePKP	41	53.00	2.7X	KAF	131.56	338	iPKP	42	32.10	-1.2			i	13	25.70		
FVM	110.47	56	PKP	42	00.00	6.2X		0.5s	3.90nm				ATH	145.71	307	ePKP	43	00.00	0.1	
Z	18s	4.31um			6.1Msz		NUR	133.22	337	iPKP	42	34.70	-1.8	KHC	145.76	331	PKPd	42	59.40	-0.3
SLM	110.73	55	PKP	42	00.00	5.7X		0.4s	7.30nm					1.0s	133.80nm					
Z	18s	1.34um			5.6Msz		LWI	134.97	244	iPKPd	42	43.20	1.6	Z	22s	3.00um			6.0Msz	
ELC	111.27	57	(PKP)	41	51.75	-3.6X	HFS	137.10	342	ePKP	42	32.20	-11.8X	N	22s	1.30um				
RES	111.51	17	ePKP	41	52.50	-2.1X		0.4s	0.70nm				E	22s	2.30um					
BRVK	111.72	320	iPKP	41	55.00	-0.7	NAO	137.28	345	PKP	42	42.80	-1.5			e	43	10.00		
	1.2s	5.00nm						0.9s	15.20nm				LIT	145.80	312	iPKP	42	58.00	-2.0X	
Z	20s	1.73um			5.6Msz		JVI	137.53	295	ePKP	42	46.40	0.6	GEC2	145.91	331	PKP	42	58.40	-1.6
N	20s	1.15um					MBH	138.02	292	ePKP	42	47.20	0.4		1.1s	118.60nm				
E	20s	1.32um					KIS	138.68	319	ePKP	42	48.00	0.7	XDE	145.96	352	ePKP	42	59.10	-0.7
CNCB	112.54	119	ePKP	42	07.00	8.0X	Z	20s	1.60um			5.8Msz			0.9s	628.00nm				
LPB	112.59	119	ePKP	42	08.00	9.1X	MLR	141.17	318	ePKP	42	50.00	-2.0X	WTS	146.05	340	ePKP	43	00.50	0.6
ZOBO	112.69	119	ePKP	42	11.00	11.6X	UZH	141.71	324	ePKP	42	49.30	-3.4X		0.9s	146.00nm				
TKL	115.34	60	ePKP	42	02.34	-0.9			i	42	58.50				e	43	11.00			
PRM	116.27	61	(PKP)	42	05.32	0.3			i	43	05.30		WET	146.06	332	iPKPc	43	00.60	0.4	
SVE	117.37	324	iPKPc	42	07.00	0.6	OJC	142.06	328	ePKP	42	50.10	-3.2X	KZN	146.21	312	ePKP	43	02.00	1.2
	1.3s	40.00nm							e	42	54.20		IVA	146.24	318	iPKPd	43	00.78	0.0	
		ePS	53	07.00			SPC	142.48	326	ePKP	42	52.40	-1.9	KMR	146.27	329	iPKP-	43	03.00	2.5X
		e	54	27.00			GZR	143.18	319	ePKPd	42	53.00	-2.4X	FNA	146.27	313	ePKP	43	01.08	0.3
LHS	117.60	61	ePKP	42	06.74	-0.8	KSP	143.31	331	ePKP	42	50.60	-4.8X	GIM	146.28	353	ePKP	43	00.10	-0.2
MAIO	117.64	301	ePKP	42	08.00	0.3		1.0s	80.00nm				PLE	146.32	319	ePKP	43	00.50	-0.4	
ARU	118.52	324	ePKP	42	08.00	-0.6			ic	42	53.40		PVY	146.34	317	iPKPd	43	01.44	0.5	
	1.5s	80.00nm							i	43	02.00		AGG	146.34	310	ePKP	43	01.88	0.9	
		e	43	23.00			PSZ	143.43	325	e(PKP)	42	53.30	-2.5X	GRF	146.35	334	iPKPc	43	01.60	1.0
SIV	118.53	123	ePKP	42	14.00	4.2X	EDU	143.90	353	ePKP	42	51.50	-4.7X	Z	21s	2.00um			5.9Msz	
BLF	118.86	217	iPKPc	42	11.70	1.4	ELO	144.06	353	ePKP	42	52.20	-4.3X			e	43	03.40		
	0.7s	22.00nm					BUD	144.16	325	ePKP	42	53.50	-3.4X	BCI	146.39	317	ePKP	43	00.00	-0.9
MCWV	118.87	55	PKP	42	20.00	10.2X	VRAC	144.23	329	iPKPd	42	56.50	-0.4	OHR	146.52	314	iPKP	43	01.60	0.4
Z	19s	2.52um			5.9Msz			1.3s	303.90nm					1.2s	352.00nm					
CER	118.92	209	ePKP	42	11.50	1.4			e	46	24.30				i	43	12.10			
	1.0s	60.00nm					BRG	144.31	333	iPKPd	42	54.20	-2.9X			i	43	33.10		
CEH	119.15	60	ePKP	42	09.35	-1.1			i	42	55.50		VLI	146.71	306	ePKP	43	03.60	2.1X	
Z	18s	1.37um			5.6Msz				i	43	04.80		PTJ	146.80	325	ePKP	43	02.20	0.7	
EEO	119.66	47	ePKP	42	11.00	-0.1			iSKP	46	35.40		BNS	146.82	339	iPKPc	43	02.30	1.1	
SLR	120.15	221	iPKPc	42	13.60	0.8	SRO	144.34	326	iPKP	42	55.40	-1.8		1.5s	260.00nm				
	1.5s	50.00nm					CLL	144.38	334	iPKP	42	54.50	-2.7X			iPd	43	04.00		
Z	17s	5.49um			6.3MszX			0.7s	38.00nm				ZAG	146.84	325	iPKPc	43	03.10	1.7	
JAQ	121.32	39	ePKP	42	12.50	-1.5			i	42	56.70		NKY	146.84	318	iPKPd	43	02.48	0.8	
POF	121.93	212	iPKPc	42	09.00	-6.9X	EAB	144.40	354	ePKP	42	53.80	-3.3X	TTG	146.88	317	iPKPd	43	03.18	1.6
	0.5s	16.00nm					ESY	144.47	352	ePKP	42	53.70	-3.5X	DMU	146.89	356	ePKP	43	01.60	0.3
SHI	122.69	292	ePKP	42	16.00	-1.6		1.1s	117.00nm				DMU	146.89	356	ePKP	43	13.10	11.8X	
LVNJ	122.80	54	ePKP	42	16.87	-0.3	EDI	144.54	353	ePKP	42	56.20	-1.1		0.8s	182.00nm				
RSNY	122.90	50	ePKP	42	16.70	-0.6		0.9s	88.00nm				SDA	146.92						

01d 00h

RY	147.08	319	iPKPd	43	02.80	0.7	FG2	149.76	320	PKP	43	12.39	6.2X		1.0s	26.80nm				
ULC	147.12	317	iPKPd	43	04.43	2.4X	FG4	149.93	318	PKP	43	12.67	6.2X	LPO	154.27	340	ePKP	43	13.80	1.2
WME	147.15	353	ePKPc	43	02.20	0.5	RSM	149.97	325	PKP	43	07.40	1.0		1.2s	38.40nm				
BDV	147.23	317	iPKPd	43	04.28	2.1	LOMF	149.97	336	PKP	43	12.21	5.8X	EPF	156.02	340	ePKP	43	16.10	1.0
YRC	147.32	353	ePKP	43	02.70	0.8	ARV	149.99	324	PKP	43	07.40	0.9		1.2s	30.95nm				
KBA	147.34	329	iPKPd	43	01.80	-0.7	MDI	150.00	331	PKP	43	08.60	2.2X	PAB	160.58	345	ePKP	43	21.00	0.5
	1.1s	96.70nm					TMA	150.13	332	ePKPc	43	07.30	0.4	MAL	163.25	342	ePKP	43	23.00	-0.1
			i	43	05.40		TDS	150.20	315	PKP	43	11.50	4.6X	LIC	164.42	202	PKP	43	24.20	-0.7
			i	43	14.90		DUI	150.28	320	PKP	43	13.47	6.4X			e	44	20.00		
HCY	147.35	318	iPKPd	43	04.10	1.7	SFI	150.29	326	PKP	43	12.60	5.7X			e	48	06.00		
KLL	147.37	340	iPKPc	43	03.50	1.3	VAI	150.36	332	PKP	43	07.30	0.4	KIC	164.44	203	PKP	43	24.10	-0.9
			ipPd	43	05.30		SGO	150.38	317	PKP	43	09.80	2.7X		1.3s	38.00nm				
ENN	147.39	340	ePKP	43	04.50	2.4X	ASS	150.43	324	PKP	43	12.80	5.6X			e	44	19.80		
	1.0s	253.00nm					CRE	150.44	325	PKP	43	07.60	0.3	TIC	164.81	202	PKP	43	24.80	-0.5
TPE	147.42	313	ePKP	43	03.30	0.7	MGR	150.46	316	PKP	43	10.60	3.3X			e	44	21.80		
VBY	147.43	325	iPKP	43	03.20	0.8	AQU	150.47	322	PKP	43	12.50	5.2X			e	48	06.00		
			iPKPbc43	05.60			MMK	150.56	333	ePKPc	43	09.00	1.4	IFR	166.44	340	iPKP	43	30.50	4.2X
			ipP'df43	14.00			GRI	150.57	313	PKP	43	13.10	5.6X	AVE	167.26	347	iPKP	43	28.00	1.3
			ipP'bc43	15.80			SDI	150.63	321	PKP	43	12.10	4.5X			i	44	34.00		
LJU	147.46	326	ePKP	43	03.50	1.0	MME	150.70	327	PKP	43	12.64	4.8X	TIO	169.50	343	iPKPc	43	30.00	1.6
DLF	147.46	355	ePKP	43	03.60	1.4	FIR	150.70	326	ePKP	43	08.00	0.5			i	44	44.00		
	1.0s	151.00nm					DIX	150.77	334	ePKPc	43	09.20	1.3	ANTZ	172.38	354	iPKPc	43	31.80	2.2X
DCN	147.47	356	ePKP	43	03.30	1.1	RFI	150.78	320	PKP	43	15.27	7.6X			i	44	57.50		
DCN	147.47	356	ePKP	43	14.60	12.4X	BDI	150.84	327	PKP	43	08.70	0.9	S.D. = 1.0 on 363 of 496 obs.						
	0.8s	198.00nm					BOB	150.89	330	PKP	43	12.70	4.8X	DEC 01, 1992 01h 41m 58.69± 0.22s						
FUR	147.50	332	ePKP	43	03.20	0.7	ORX	150.89	332	PKP	43	12.04	4.1X	44.037 N ± 2.1km 7.659 E ± 1.9km						
			i	43	09.20		ORO	150.89	332	PKP	43	12.20	4.3X	DEPTH = 10.0km (geophysics)						
MEM	147.50	340	PKPc	43	08.50	6.2X	FLN	150.97	346	ePKP	43	08.30	0.5	NORTHERN ITALY (545)						
IGT	147.54	312	ePKP	43	04.24	1.4		0.9s	19.50nm				ML 3.5 (LDG), 3.2 (GEN).							
YRE	147.57	353	ePKP	43	05.20	2.8X	Z	22s	1.50um		5.8Msz		SAOF	0.09	236	Pg	42	00.81	-0.5	
SRN	147.62	313	ePKP	43	05.40	2.5X	EMS	150.98	334	ePKPc	43	09.10	0.9	AUTN	0.17	256	Pg	42	02.85	0.1
RBL	147.68	328	PKP	43	03.00	0.1	LDF	151.04	345	ePKP	43	09.70	1.8			Sg	42	05.93		
VLO	147.69	314	ePKP	43	05.20	2.2X		1.0s	22.40nm				IMI	0.21	127	Pc	42	02.98	-0.3	
VOY	147.79	327	ePKP	43	01.00	-2.1X	LOR	151.11	339	ePKP	43	08.60	0.5			S	42	06.06		
			ePKPbc43	03.50				1.0s	5.60nm				S8F	0.24	223	Pg	42	04.02	0.2	
			e	43	06.80		Z	21s	1.52um		5.8Msz		ENR	0.26	318	Pc	42	04.03	-0.1	
UCC	147.84	342	PKP	43	06.00	3.1X	PII	151.12	327	PKP	43	04.60	-3.5X			Sg	42	07.90		
			e	43	10.00		SOI	151.18	312	PKP	43	10.00	1.6	AURF	0.28	238	Pg	42	04.98	0.3
FVI	147.96	329	PKP	43	03.40	0.2	RMP	151.22	322	PKP	43	14.40	6.0X			S	42	09.28		
WATA	147.98	331	iPKPd	43	03.50	0.0	GMB	151.27	313	PKP	43	14.52	5.8X	TOUF	0.30	266	Pg	42	05.02	0.0
			i	43	07.30		LSD	151.38	333	PKP	43	14.33	5.5X	ROB	0.30	31	Pd	42	04.86	-0.1
RIY	148.00	326	ePKP	43	03.50	0.2	GRR	151.41	346	ePKP	43	10.00	1.6			Sg	42	09.07		
WTTA	148.01	331	iPKPd	43	03.50	0.0		1.2s	35.70nm				STV	0.32	311	Pc	42	05.16	-0.2	
	1.1s	113.00nm					SSF	151.41	339	ePKP	43	09.80	1.3			S	42	09.43		
			i	43	07.80			0.8s	3.65nm				REVf	0.36	215	Pg	42	06.81	0.6	
			i	43	16.50		PCP	151.48	330	PKP	43	13.83	5.1X	RVfF	0.39	249	Pg	42	07.33	0.6
TRI	148.08	327	e(PKP)	43	04.40	1.0	LPL	151.51	334	ePKP	43	09.20	0.2	FIN	0.43	66	Pd	42	06.91	-0.6
			e	43	16.30			1.4s	14.40nm						S	42	12.50			
SNF	148.12	342	iPKP	43	05.63	2.3X	LPG	151.52	334	ePKP	43	09.80	0.7	DOI	0.55	328	P	42	09.40	-0.6
			e	43	10.70			1.1s	6.60nm						eSg	42	18.10			
			e	43	19.70		ATN	151.54	313	PKP	43	15.18	6.2X	CKI	0.59	49	P	42	10.90	0.2
HCG	148.12	352	ePKP	43	03.90	0.6	RSP	151.58	333	PKP	43	13.42	4.4X			S	42	18.80		
HVAR	148.19	321	iPKP	43	05.50	1.8	CKI	151.69	330	PKP	43	14.30	5.3X	PZZ	0.62	320	P	42	10.58	-0.6
HOFF	148.23	336	PKP	43	08.34	4.8X	BHB	151.82	332	PKP	43	13.10	3.9X			S	42	18.94		
HAE	148.23	350	ePKP	43	06.60	3.1X	FIN	151.89	330	PKP	43	13.92	4.6X	CALN	0.62	243	Pg	42	11.32	0.0
SQTA	148.24	331	iPKPc	43	04.20	0.4	BNI	151.91	333	PKP	43	10.80	1.3	SURF	0.75	306	Pg	42	12.25	-1.3
	1.0s	101.00nm					RRL	151.97	333	PKP	43	15.20	5.5X			Sg	42	23.35		
			i	43	08.30		ROB	151.98	331	PKP	43	14.24	4.7X	PCP	0.81	51	P	42	14.04	-0.4
			i	43	16.40		BGF	152.07	340	ePKP	43	10.10	0.6			S	42	24.42		
LANF	148.26	336	PKP	43	07.96	4.3X		0.9s	10.00nm				8HB	0.85	341	Pc	42	14.39	-0.8	
WLF	148.27	339	PKPc	43	06.00	2.4X	DOI	152.10	332	PKP	43	15.75	6.0X			S	42	25.36		
SRBF	148.29	336	PKP	43	07.96	4.3X	PZZ	152.16	332	PKP	43	13.60	3.7X	FRF	0.87	237	Pg	42	15.90	0.4
DOU	148.39	341	PKP	43	06.80	3.0X	ENR	152.24	331	PKP	43	15.98	6.0X			Sg	42	27.50		
			i	43	08.80		IMI	152.27	330	PKP	43	14.74	4.8X	RRL	1.08	325	Pc	42	18.73	-0.5
ECB	148.40	355	ePKP	43	07.20	3.5X	STV	152.27	331	PKP	43	16.21	6.2X	LMR	1.09	230	Pg	42	19.60	0.4
ECP	148.56	355	ePKP	43	07.90	3.9X	MAF	152.45	340	ePKP	43	10.50	0.4			Sg	42	34.20		
OGA	148.58	331	iPKPc	43	05.40	0.9		1.2s	13.40nm				LRG	1.11	239	Pg	42	20.20	0.8	
STR	148.60	336	PKP	43	09.20	5.0X	TCF	152.51	340	ePKP	43	10.60	0.4			Sg	42	34.90		
WLS	148.90	336	PKP	43	09.49	4.7X	LSF	152.75	341	ePKP	43	10.70	0.2	RSP	1.15	346	P	42	19.12	-1.2
CDF	148.93	336	ePKP	43	05.70	0.8	MFF	152.90	344	ePKP	43	11.20	0.5			S	42	33.87		
	2.0s	74.65nm						1.1s	36.15nm				BNI	1.24	326	P	42	21.40	-0.3	
SLE	148.98	334	ePKPc	43	07.70	2.8X	FRF	153.11	331	ePKP	43	11.40	0.4			eSg	42	38.50		
FEL	149.08	335	PKP	43	09.93	4.8X		1.3s	39.00nm				LSD	1.47	346	P	42	24.54	-0.8	
OSS	149.12	331	ePKPc	43	06.20	0.9	LRG	153.32	331	ePKP	43	11.80	0.5			S	42	41.79		
ECH	149.13	336	PKP	43	09.87	4.8X		1.2s	25.60nm				BOB	1.48	60	P	42	26.10	0.7	
ZLA	149.25	334	ePKP	43	09.00	3.7X	Z	22s	1.80um		5.8Msz		LPG	1.60	336	Pn	42	27.50	0.2	
MOF	149.44	336	PKP	43	10.61	4.9X		1.1s	17.10nm						Sg	42	52.80			
LLS	149.48	333	iPKPc	43	09.40	3.5X	CDR	153.40	333	ePKPc	43	20.20	8.7X	ORO	1.60	8	P	42	27.40	0.2
VITF	149.56	338	PKP	43	10.95	5.2X	CVT	153.60	315	PKP	43	21.45	9.6X			eSg	42	46.50		
VDL	149.57	332	ePKPc	43	09.90	3.9X	RJF	153.61	340	ePKP	43	12.80	1.1	ORX	1.61	8	P	42	26.96	-0.4
BSF	149.59	336																		

PGF	1.78	146	Pn	42 28.00	-1.8
			Sn	42 48.50	
VAI	1.99	23	P	42 33.20	0.5
			eSn	42 57.30	
MMK	2.03	6	ePd	42 33.40	-0.1
DIX	2.05	355	ePd	42 34.00	0.1
PII	2.10	98	P	42 33.40	-0.8
EMS	2.10	346	ePd	42 36.10	1.6
BDI	2.12	88	P	42 34.00	-0.7
			eSn	43 02.30	
MME	2.20	85	P	42 35.90	-0.1
			eSn	43 01.70	
TMA	2.24	22	ePd	42 37.60	1.1
MDI	2.27	39	P	42 38.00	1.2
VDL	2.26	27	Pd	42 45.70	1.7
LLS	2.98	18	ePd	42 47.80	0.7
SFI	3.03	91	P	42 47.10	-0.4
			eSn	43 22.50	
CRE	3.13	96	P	42 49.40	0.3
			eSn	43 26.10	
OSS	3.18	33	ePd	42 51.80	2.0
SMF	3.75	315	Pn	42 58.50	0.7
			Sn	43 41.80	
SLE	3.78	9	ePd	42 59.20	1.0
BSF	3.84	351	Pn	42 57.80	-1.4
			Sn	43 41.90	
LBF	3.92	320	Pn	43 00.80	0.5
			Sn	43 44.30	
HAU	4.07	348	Pn	43 02.00	-0.4
			Sn	43 47.80	
AVF	4.10	314	Pn	43 03.20	0.6
			Sn	43 49.30	
CAF	4.10	284	Pn	43 03.00	0.2
			Sn	43 49.80	
LOR	4.19	322	Pn	43 04.30	0.3
			Sn	43 51.50	
SSF	4.20	317	Pn	43 04.50	0.3
MAF	4.21	303	Pn	43 03.70	-0.7
BGF	4.23	308	Pn	43 04.80	0.2
			Pg	43 19.70	
			Sn	43 51.40	
CDF	4.38	357	Pn	43 05.90	-1.0
			Sn	43 56.40	
TCF	4.46	302	Pn	43 08.40	0.5
			Sn	43 57.70	
LSF	4.87	299	Pn	43 12.00	-1.7
GEC2	6.37	39	Pn	43 34.50	-0.4
			Sn	44 44.70	

S.D. = 0.8 on 61 of 61 obs.

DEC 01, 1992 01h 44m 40.36 ± 0.87s
 44.043 N ± 7.7km 7.664 E ± 5.0km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
 ML 1.8 (GEN).

IMI	0.21	129	P	44 45.10	0.1
			S	44 48.39	
ENR	0.25	316	P	44 46.10	0.3
			S	44 49.81	
ROB	0.29	31	P	44 46.88	0.4
			S	44 51.28	
STV	0.32	309	P	44 47.11	0.1
			S	44 51.55	
FIN	0.43	67	P	44 48.90	-0.2
PZZ	0.61	319	P	44 52.24	-0.6
			S	45 00.80	
PCP	0.81	51	P	44 55.81	-0.2
BHB	0.85	340	P	44 56.72	0.0
			S	45 07.34	

S.D. = 0.4 on 8 of 8 obs.

* DEC 01, 1992 02h 15m 59.50 ± 1.95s
 2.430 N ± 11.3km 128.735 E ± 21.4km
 DEPTH = 222.6 ± 22.1 km
 4.9mb (4 obs.)
 HALMAHERA, INDONESIA (267)

MNI	4.02	256	ePd	17 03.00	0.2
			eS	17 50.00	
MTN	15.36	171	eP	19 26.00	-0.5
KNA	18.06	180	eP	19 57.00	0.0
			0.3s	27.00nm	5.2mb
WB2	22.91	166	iPc	20 45.90	0.7
			0.5s	23.50nm	5.0mb
OIS	25.21	155	eP	21 06.90	0.2
			0.2s	3.00nm	4.6mb

ASPA	26.42	169	iPc	21 17.50	-0.2
			0.4s	10.50nm	4.9mb
MAT	35.05	13	eP	22 33.00	0.0
STKA	36.24	161	iPc	22 47.50	4.5X
GUN	48.10	306	P	24 19.20	-0.2

S.D. = 0.5 on 8 of 9 obs.

* DEC 01, 1992 02h 43m 03.73 ± 0.56s
 2.577 N ± 7.3km 128.970 E ± 13.3km
 DEPTH = 33.0km (normal)
 4.5mb (7 obs.) 4.4Msz (2 obs.)
 HALMAHERA, INDONESIA (267)

TNE	2.41	223	eP	43 41.70	0.1
			eS	44 08.00	
WRA	22.99	167	P	48 06.80	0.0
			0.4s	1.90nm	3.9mb
WB2	23.00	167	eP	48 06.20	-0.6
			0.5s	4.60nm	4.2mb
			i	48 16.30	
OIS	25.25	156	eP	48 28.70	0.2
			0.3s	3.00nm	4.4mb
ASPA	26.52	170	eP	48 40.90	0.5
			0.7s	4.50nm	4.2mb
STKA	36.30	162	iPc	50 10.50	4.2X
XAN	36.47	331	P	50 07.60	-0.1
TIY	38.12	339	eP	50 19.80	-1.8
Z	21s	1.01um		4.6Msz	
LZH	40.64	328	eP	50 44.00	1.4
			1.4s	37.00nm	4.9mb
Z	18s	0.25um		4.1Msz	
			pP	50 49.00	17kmX
			sP	50 51.50	
LSA	44.88	311	eP	51 18.00	1.1
GTA	45.24	328	eP	51 21.00	1.0
			1.5s	17.00nm	4.7mb
GUN	48.21	306	P	51 43.80	-0.1
PKI	48.46	305	P	51 44.80	-0.9
KKN	48.65	305	P	51 47.00	-0.1
DMN	48.72	305	P	51 47.80	0.1
GKN	49.25	305	P	51 51.80	0.1
HYB	51.61	290	eP	52 08.80	-0.8
WMO	54.95	324	P	52 34.00	0.0
			1.0s	9.80nm	4.8mb
			pP	52 41.00	23kmX

S.D. = 0.8 on 17 of 18 obs.

DEC 01, 1992 03h 26m 16.56 ± 0.24s
 44.056 N ± 1.9km 7.677 E ± 1.9km
 DEPTH = 8.6 ± 2.1 km
 NORTHERN ITALY (545)
 ML 3.0 (LDG), 2.7 (GEN).

SAOF	0.11	232	Pg	26 19.00	-0.3
AUTN	0.19	252	Pg	26 20.57	-0.2
IMI	0.21	133	Pc	26 20.90	-0.2
			S	26 24.15	
ENR	0.25	313	P	26 21.80	-0.1
			S	26 25.47	
SBF	0.26	222	Pg	26 22.13	0.1
ROB	0.28	30	Pd	26 22.71	0.4
			S	26 26.63	
AURF	0.30	236	Pg	26 22.87	0.0
TOUF	0.31	262	Pg	26 22.96	-0.1
STV	0.32	307	Pc	26 23.01	-0.1
			S	26 27.16	
REVF	0.39	215	Pg	26 24.56	0.1
			Sg	26 31.06	
MVIF	0.41	247	Pg	26 24.99	0.0
FIN	0.41	68	P	26 24.94	0.0
			S	26 30.83	
DOI	0.54	325	P	26 27.60	0.0
			eSg	26 35.30	
CKI	0.57	49	P	26 27.80	-0.2
			eSg	26 36.50	
PZZ	0.61	318	P	26 28.67	-0.2
			S	26 36.96	
CALN	0.65	242	Pg	26 29.52	0.0
SURF	0.75	305	Pg	26 30.15	-1.4
			Sg	26 40.21	
PCP	0.79	52	P	26 32.19	0.1
BHB	0.84	339	P	26 32.28	-0.6
			S	26 43.35	
FRF	0.90	237	Pg	26 33.80	0.0
			Sg	26 45.50	
RRL	1.07	324	P	26 36.68	-0.4
LMR	1.11	230	Pg	26 37.70	0.2

			Sg	26 52.20	
LRG	1.13	238	Pg	26 38.30	0.5
			Sg	26 53.00	
RSP	1.14	345	P	26 36.96	-1.1
BNI	1.23	325	P	26 39.30	-0.3
			eSg	26 55.50	
BOB	1.46	60	P	26 44.20	1.1
			eSg	27 03.30	
ORO	1.58	8	P	26 45.10	0.1
			eSg	27 05.20	
LPG	1.59	336	Pn	26 45.30	0.1
LPL	1.61	336	Pn	26 45.80	0.4
PGF	1.79	147	Pg	26 45.92	-2.1
VAI	1.97	23	P	26 50.00	-0.4
CRE	3.12	96	P	27 07.50	0.5
SMF	3.74	315	Pn	27 15.90	0.1
			Sn	27 59.20	
LBF	3.92	320	Pn	27 18.30	0.1
			Sn	28 02.00	
HAU	4.06	347	Pn	27 19.50	-0.7
			Sn	28 06.40	
CAF	4.11	284	Pn	27 20.90	0.0
LOR	4.18	322	Pn	27 22.20	0.2
BGF	4.23	308	Pn	27 22.10	-0.5

S.D. = 0.6 on 38 of 38 obs.

& DEC 01, 1992 03h 38m 12.96s
 34.415 N 116.465 W
 DEPTH = 6.0km (geophysicist)
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PEC	0.78	228	iPd	38 27.05	-1.4
			eS	38 37.44	
GSC	0.93	343	ePd	38 30.10	-1.0
			eS	38 44.26	
SSK	1.04	259	eP	38 31.77	-1.3
PLM	1.11	197	iPd	38 33.23	-1.0
GLA	1.93	134	ePn	38 43.85	-2.8
			ePg	38 48.58	
ISA	2.07	308	ePn	38 48.73	0.1
			ePg	38 50.90	
ABL	2.31	282	ePn	38 50.53	-1.9
BONR	3.83	338	ePn	39 15.35	1.3
ARUT	4.16	35	ePn	39 16.96	-1.6
MSU	5.36	39	ePn	39 36.38	0.8
			ePg	39 52.23	

10 obs. associated

% DEC 01, 1992 04h 47m 41.25 ± 0.60s
 45.244 N ± 4.2km 7.571 E ± 5.3km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.2 (GEN).

RSP	0.24	248	P	47 47.37	0.9
			S	47 50.52	
LSD	0.36	306	P	47 48.88	0.1
			S	47 52.72	
BHB	0.46	209	P	47 51.44	0.9
			S	47 57.66	
ORX	0.48	36	P	47 51.81	0.7
			S	47 57.98	
LPG	0.63	294	Pg	47 53.40	-0.7
			Sg	48 00.50	
RRL	0.64	240	P	47 54.87	0.5
			S	48 02.61	
LPL	0.65	295	Pg	47 53.70	-0.7
			Sg	48 01.10	
PZZ	0.81	205	P	47 56.79	-0.3
			S	48 07.09	
ROB	0.97	167	P	48 00.91	1.1
STV	1.01	190	P	47 59.91	-0.6
ENR	1.02	186	P	48 00.36	-0.3
FIN	1.13	156	P	48 01.92	-0.5
IMI	1.35	170	P	48 05.08	-1.1

S.D. = 0.8 on 13 of 13 obs.

& DEC 01, 1992 04h 48m 18.52s
 34.348 N 116.893 W
 DEPTH = 1.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PEC	0.51	206	iPd	48 28.26	-0.4
			eS	48 35.20	
SSK	0.68	259	ePd	48 31.63	-0.4

01d 04h

GSC 0.95 4 iPd 48 36.50 -1.0
 PLM 0.99 178 iPd 48 37.17 -1.1
 eS 48 50.73
 ISA 1.85 316 ePn 48 50.29 -1.3
 ePg 48 52.61
 ABL 1.98 285 ePn 48 52.87 -0.9
 GLA 2.15 126 eP 48 54.03 -2.0
 BONR 3.78 343 (Pn) 49 17.29 -2.1
 ePg 49 29.73
 ARUT 4.43 38 (Pn) 49 25.92 -2.6
 (Pg) 49 42.00
 MSU 5.63 41 (Pn) 49 44.08 -1.6
 10 obs. associated

DEC 01, 1992 05h 03m 37.66 ± 0.29s
 41.707 N ± 3.2km 19.395 E ± 2.9km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 3.2 (TTG), 3.0 (TIR), 2.8 (SKO).

LACI 0.25 107 iPg 03 42.00 -0.9
 iSq 03 46.00
 ULC 0.28 337 iPg 03 44.08 0.6
 iSq 03 49.25
 SDA 0.35 13 iPg 03 45.10 0.2
 iSq 03 52.00
 TIR 0.50 135 iPg 03 46.50 -1.4
 iSq 03 53.50
 BDV 0.71 324 iPg 03 51.79 0.0
 iSq 04 03.71
 TTG 0.73 352 iPg 03 51.56 -0.4
 iSq 04 03.41
 BCI 0.83 37 iPg 03 57.00 3.3X
 iSq 04 05.00
 PVY 0.99 26 iPg 03 55.73 -0.7
 iSq 04 10.65
 HCY 1.00 318 iPg 03 57.04 0.5
 iSq 04 12.89
 NKY 1.14 345 iPg 03 59.38 0.2
 iSq 04 17.39
 OHR 1.21 119 iPh 03 58.70 -1.6
 i 04 03.20
 iSn 04 18.00
 Lg 04 28.00
 IVA 1.22 18 iPg 04 00.35 -0.1
 iSq 04 18.69
 VLO 1.24 176 ePn 04 00.70 0.0
 BRY 1.35 332 iPg 04 03.53 0.9
 iSq 04 24.41
 TPE 1.49 162 ePn 04 08.80 4.4X
 SKO 1.55 79 iPh 04 06.00 0.7
 iPg 04 06.70
 i 04 11.90
 iSn 04 27.00
 iSq 04 28.70
 Lg 04 29.20
 PLE 1.62 360 iPh 04 07.56 1.1
 iSn 04 31.20
 FNA 1.76 121 ePg 04 08.92 0.5
 BRT 1.85 244 P 04 11.30 1.6
 eSn 04 34.30
 IGT 2.29 162 ePb 04 18.00 2.0
 eSb 04 33.50
 GRG 2.38 107 ePb 04 17.64 0.2
 eSb 04 33.00
 VAY 2.42 98 iPh 04 18.00 0.2
 HVAR 2.63 305 ePn 04 14.30 -6.6X
 KNT 2.69 101 ePb 04 22.00 0.2
 LIT 2.84 123 ePb 04 20.50 -3.4X
 iSb 04 39.41
 SRS 3.21 99 ePn 04 29.96 0.8
 eSn 04 54.90
 SGO 3.29 251 P 04 29.30 -1.0
 eSn 05 07.80
 MGR 3.30 243 P 04 30.40 -0.1
 eSn 05 06.90
 DUI 3.70 271 P 04 36.10 -0.1
 SDI 4.18 272 Pd 04 42.70 -0.2
 eSn 05 30.00
 AQU 4.51 280 P 04 48.00 0.4
 VBY 4.84 323 ePn 04 52.30 0.0
 eSn 05 42.70
 ARV 5.09 293 P 04 54.60 -1.2
 eSn 05 53.50
 RIY 5.15 317 iPh 05 04.40 7.9X
 S 5.17 288 P 04 56.20 -0.8

TRI 5.71 316 P 05 54.90
 CRE 5.81 292 P 05 06.00 1.4
 RBL 6.32 320 P 05 12.10 -1.2
 eSn 06 22.10
 FVI 6.82 318 P 05 18.00 -2.1
 eSn 06 34.90
 S.D. = 0.9 on 34 of 39 obs.
 * DEC 01, 1992 05h 39m 50.50 ± 0.81s
 10.939 N ± 11.7km 87.025 W ± 12.1km
 DEPTH = 33.0km (normal)
 4.3mb (7 obs.) 4.0Msz (1 obs.)
 OFF COAST OF COSTA RICA (77)

OXX 11.22 304 (P) 42 38.00 6.1X
 PPM 13.81 307 (P) 43 12.00 5.2X
 SDV 16.28 96 eP 43 38.30 -0.2
 TOV 16.99 92 eP 43 48.70 1.2
 CAR 19.75 89 eP 44 16.00 -4.9X
 PRM 23.43 10 eP 44 58.62 1.0
 JSC 23.82 12 eP 45 01.38 -0.1
 UYO 24.10 345 iPd 45 04.70 0.6
 LHS 24.11 13 eP 45 04.96 0.7
 MIAR 24.25 347 eP 45 05.68 0.1
 0.9s 7.42nm 4.2mb
 OLY 24.78 351 eP 45 09.37 -1.4
 TKL 24.78 6 eP 45 10.96 0.2
 CEH 25.86 15 eP 45 20.61 -0.3
 0.6s 7.86nm 4.5mb
 MEO 25.97 338 iPd 45 23.60 1.6
 WMOK 26.00 337 eP 45 23.21 0.9
 1.0s 33.03nm 4.9mb
 TUL 26.10 344 ePd 45 22.50 -0.6
 1.0s 18.80nm 4.6mb
 LNO 26.10 344 eP 45 22.40 -0.6
 LNO2 26.10 344 eP 45 22.50 -0.6
 LNO3 26.10 344 e(P) 45 22.60 -0.5
 RLO 26.14 345 eP 45 22.80 -0.7
 ELC 26.31 356 eP 45 23.45 -1.5
 ACO 27.89 339 iPh 45 42.70 3.3X
 CBN 28.49 16 eP 45 42.00 -2.9
 ALQ 29.73 327 eP 45 58.17 1.8
 0.8s 1.75nm 3.9mb
 ZOBO 32.88 145 eP 46 16.00 -8.6X
 Z 18s 0.29um 4.0Msz
 LPB 33.10 145 P 46 26.00 -0.2
 PV09 33.82 328 eP 46 31.62 -0.6
 ePcP 49 12.87
 CCH 34.89 143 eP 46 48.00 6.4X
 SRU 35.00 327 eP 46 43.72 1.5
 EEO 36.22 9 eP 46 53.50 1.3
 SIV 37.09 136 P 47 06.00 6.1X
 BW06 37.30 332 eP 47 01.13 -0.5
 1.1s 3.86nm 4.2mb
 LMN 39.62 24 eP 47 22.00 1.3
 ULM 39.87 351 eP 47 24.00 1.3
 JAQ 43.70 10 eP 47 50.00 -4.0X
 BAO 46.80 124 Pd 48 19.00 -0.4
 e 48 26.10
 e 48 27.40
 BDF 46.89 124 Pd 48 19.80 -0.3
 e 48 27.00
 e 48 28.20
 YKA 55.17 345 eP 49 19.60 -2.4
 1.1s 2.80nm 4.2mb
 WRA 139.23 252 PKP 59 20.40 3.6X
 0.8s 0.90nm
 CHG 149.86 349 ePKP 59 41.50 6.8X
 GBA 151.15 33 PKP 59 44.00 7.3X
 S.D. = 1.2 on 30 of 41 obs.
 DEC 01, 1992 06h 34m 31.66 ± 0.64s
 26.189 S ± 4.5km 69.667 W ± 9.3km
 DEPTH = 156.8 ± 14.5 km
 NORTHERN CHILE (123)
 ANT 2.57 344 iPh 35 15.50 1.2
 iS 35 44.00
 FSA 3.29 89 iPd 35 23.10 -0.4
 SLA 4.04 70 iPh 35 33.40 -0.1
 CYA 4.11 124 iPh 35 34.00 -0.3
 HJA 4.88 54 ePd 35 45.20 0.9
 RTPR 4.95 147 ePh 35 45.90 0.6
 (S) 36 37.90

MDZ 6.71 174 i(P) 36 23.60 14.7X
 TCA 6.79 140 i(P) 36 09.00 -1.1
 (S) 36 18.60
 PEL 6.99 187 eP 36 13.00 0.3
 MRA 7.10 152 ePd 36 14.10 0.0
 RFA 8.62 173 ePd 36 34.10 -0.3
 CCH 9.35 21 P 36 42.00 -2.4
 CNCB 9.46 10 P 36 46.10 0.0
 LPB 9.72 9 P 36 49.00 -0.3
 ARE 9.83 350 eP 36 50.00 -0.6
 eS 38 35.00
 ZOBO 9.96 9 P 36 52.80 0.2
 SIV 12.93 40 P 37 32.00 1.2
 VAO 20.88 86 eP 39 03.80 0.9
 e 39 08.10
 KIC 70.72 73 (P) 46 07.70 34.9X
 WRA 128.56 209 PKP 53 30.90 8.8X
 0.6s 0.90nm
 S.D. = 1.0 on 17 of 20 obs.

* DEC 01, 1992 06h 36m 30.79 ± 1.00s
 37.690 S ± 8.0km 177.328 E ± 11.3km
 DEPTH = 176.0 ± 6.1 km
 4.6mb (2 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)
 URZ 0.59 197 P 36 53.50 -2.2
 S 37 13.10
 HBZ 0.78 84 P 36 49.50 -7.3X
 TAZ 0.85 230 P 36 56.40 -0.8
 UTU 1.02 241 eP 36 57.80 -0.8
 NOZ 1.08 149 Pd 36 57.60 -1.4
 PATZ 1.09 230 P 36 59.00 -0.2
 PAHZ 1.19 190 P 37 00.30 0.4
 WHH 1.36 209 P 37 01.80 0.3
 WLZ 1.38 262 P 36 59.80 -1.8
 eS 37 23.20
 MOH 1.45 186 P 37 03.00 0.8
 TAHZ 1.52 198 eP 37 03.70 0.7
 MAHZ 1.56 164 P 37 03.70 0.4
 TTH 1.89 192 eP 37 07.90 1.2
 NGZ 2.01 222 P 37 09.90 1.7
 CNZ 2.06 222 P 37 10.50 1.8
 WAHZ 2.15 200 eP 37 10.10 0.5
 MOZ 2.15 247 Pd 37 11.00 1.4
 TEHZ 2.33 190 P 37 12.70 1.0
 BSZ 2.82 221 eP 37 19.60 2.1
 PGZ 3.04 195 P 37 20.90 0.8
 MNG 3.26 206 P 37 23.40 0.5
 eS 38 07.00
 KIW 3.68 210 P 37 28.70 0.4
 MTW 3.74 202 P 37 29.00 0.0
 AMW 3.81 198 P 37 30.30 0.4
 CAW 3.84 206 P 37 30.20 -0.1
 BLW 3.94 201 P 37 31.50 -0.1
 MOW 4.06 203 P 37 32.80 -0.3
 MRW 4.08 209 eP 37 33.30 0.0
 eS 38 26.40
 DIW 4.08 219 eP 37 33.50 0.1
 WEL 4.10 208 eP 37 33.90 0.3
 eS 38 26.70
 TCW 4.24 213 P 37 35.20 -0.2
 ORZ 4.87 228 eP 37 43.50 -0.1
 THZ 5.31 219 eP 37 49.40 -0.1
 eS 38 54.20
 KHZ 5.54 210 eP 37 52.10 -0.3
 S 38 58.50
 DSZ 5.88 225 eP 37 55.80 -1.1
 LTZ 6.39 216 eP 38 02.20 -1.5
 eS 39 17.90
 MOZ 6.98 209 eP 38 09.40 -2.0
 eS 39 29.80
 ODZ 8.90 212 P 38 36.10 -0.7
 eS 40 15.70
 LRCZ 9.50 217 eP 38 43.90 -0.9
 SBCZ 9.53 217 eP 38 44.20 -1.0
 CMCZ 9.59 217 eP 38 45.10 -0.9
 eS 40 29.60
 STKA 29.79 270 eP 42 29.30 6.3X
 ASPA 39.53 278 iPd 43 47.00 1.0
 0.6s 8.00nm 4.5mb
 WBZ 41.20 283 iPh 43 59.80 0.2
 0.3s 6.30nm 4.7mb
 WRA 41.20 283 P 44 00.50 0.8
 0.9s 0.90nm 3.3mb X
 KAF 149.73 333 iPKP 55 57.80 2.8X
 0.4s 2.90nm

S.D. = 1.0 on 43 of 46 obs.
 % DEC 01, 1992 07h 02m 34.70 ± 1.74s
 44.315 S ± 6.2km 166.844 E ± 15.0km
 DEPTH = 10.0km (geophysicist)
 OFF W. COAST OF S. ISLAND, N.Z. (161)
 ML 3.9 (WEL).

MSZ 0.85 115 P 02 49.60 -1.4
 S 02 56.40
 MMCZ 1.77 114 P 03 05.70 0.0
 TLC 1.81 120 P 03 06.30 0.0
 BCZ 1.83 158 P 03 06.50 0.1
 eS 03 25.60
 MHZ 1.89 114 P 03 08.00 0.6
 CMCZ 1.92 117 eP 03 08.20 0.3
 S 03 28.90
 SBCZ 1.92 115 P 03 08.60 0.8
 LRCZ 1.94 114 P 03 08.80 0.7
 LSCZ 1.97 115 eP 03 09.10 0.6
 BWZ 2.19 97 P 03 12.50 0.9
 TUZ 2.57 131 eP 03 16.20 -0.8
 SI2 2.72 161 P 03 18.90 -0.2
 ODZ 2.81 106 P 03 19.70 -0.8
 LTZ 4.23 71 eP 03 39.90 -0.8
 DSZ 4.45 56 eP 03 43.60 -0.2
 THZ 5.12 62 eP 03 53.60 0.3
 ORZ 5.45 52 eP 03 57.90 -0.1

S.D. = 0.7 on 17 of 17 obs.

% DEC 01, 1992 07h 18m 03.24 ± 0.94s
 44.035 N ± 8.7km 7.671 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.7 (GEN).

IMI 0.20 128 P 18 07.76 0.1
 S 18 11.15
 ENR 0.26 317 P 18 08.95 0.1
 S 18 12.25
 ROB 0.30 29 P 18 09.64 0.2
 S 18 13.99
 STV 0.33 310 P 18 10.00 0.0
 S 18 14.08
 FIN 0.42 66 P 18 11.74 -0.2
 PZZ 0.62 319 P 18 15.77 -0.1
 S 18 24.05

S.D. = 0.2 on 6 of 6 obs.

DEC 01, 1992 07h 22m 56.02 ± 0.34s
 49.159 N ± 3.3km 6.847 E ± 4.1km
 DEPTH = 8.6 ± 2.5 km
 GERMANY (543)
 ML 3.4 (GRF), 3.3 (VIE), 3.2
 (STR), 3.1 (BNS). MD 3.1 (UCC).

LANF 0.65 105 Pg 23 08.20 -1.0
 WLF 0.68 318 iPd 23 09.00 -0.6
 SRBF 0.70 110 Pg 23 09.43 -0.6
 HOFF 0.77 106 Pg 23 10.54 -0.6
 CDF 0.80 159 Pg 23 10.94 -0.8
 Sg 23 22.15
 WLS 0.82 156 Pg 23 11.27 -0.8
 Sg 23 22.92
 ECH 0.97 168 Pg 23 14.35 -0.2
 VITF 1.10 212 Pg 23 16.81 0.0
 LIBD 1.13 153 Pg 23 17.84 0.6
 MOF 1.32 172 Pg 23 21.02 0.4
 Sg 23 39.41
 BSF 1.33 182 Pg 23 21.18 0.4
 Sg 23 39.68
 FEL 1.50 148 Pg 23 24.26 1.0
 KLL 1.53 347 iPd 23 22.88 -0.7
 eS 23 42.37
 MEM 1.55 340 iPd 23 23.38 -0.4
 id 23 25.72
 iS 23 44.23
 ENN 1.72 340 eP 23 26.50 0.2
 0.7s 127.00nm
 i 23 38.70
 eS 23 53.00
 e 23 56.50
 DOU 1.74 303 iP 23 26.70 0.1
 i 23 29.10
 iS 23 50.20
 SLE 1.77 141 ePd 23 27.00 -0.1
 LCMF 1.81 180 Pn 23 26.00 -1.7

BNS 1.82 7 iPd 23 30.04 2.3
 0.6s 131.00nm
 iS 23 52.85
 ZLA 1.97 148 ePd 23 33.30 3.3X
 SNF 2.14 310 iPc 23 32.12 -0.3
 UCC 2.30 317 eP 24 03.00 28.3X
 WTS 2.84 360 eP 23 51.50 9.1X
 0.7s 18.00nm

GRF 2.91 78 ePg 23 49.70 6.4X
 eSg 24 28.50
 MMK 3.20 166 ePd 23 48.10 0.4
 VDL 3.20 146 iPd 23 48.70 1.0
 OSS 3.32 137 ePc 23 49.90 0.5
 MOX 3.42 62 ePg 24 02.10 11.4X
 iSg 24 46.10
 SOTA 3.50 122 iPnc 23 52.20 0.3
 i 24 50.00
 WTTA 3.72 119 iPhc 23 55.40 0.3
 i 24 10.30
 i 24 59.80
 WET 3.96 88 ePh 23 57.60 -0.7
 BHG 4.26 107 iPd 24 02.90 0.3
 KHC 4.42 88 Pg 24 16.90 12.1X
 Sg 25 11.80
 CTI 4.50 132 P 24 13.00 7.0X
 eSn 25 24.00
 CLL 4.50 59 ePh 24 22.00 16.1X
 eSg 25 21.00
 GEC2 4.52 91 Pn 24 04.90 -1.5
 Pg 24 25.20
 Sn 24 56.40
 Sg 25 19.30
 FVI 4.75 121 P 24 11.00 1.6
 eSn 24 24.00
 KBA 4.82 113 iPhc 24 11.00 0.3
 iPg 24 31.60
 iSn 25 07.10
 iSg 25 33.80
 PRU 5.07 78 Pg 24 29.90 15.8X
 Sg 25 39.00
 KSP 6.32 71 eP 25 00.00 28.3X
 eS 26 18.50

S.D. = 0.9 on 30 of 40 obs.

* DEC 01, 1992 07h 52m 16.82 ± 3.60s
 15.744 S ± 23.5km 176.844 W ± 16.0km
 DEPTH = 387.6 ± 38.5 km
 4.3mb (10 obs.)

FII ISLANDS REGION (181)

DZM 17.01 246 iPd 55 53.90 0.8
 TOO 39.70 229 iPc 59 14.70 0.0
 0.4s 14.00nm 4.6mb
 WB2 46.52 257 iPc 00 08.30 -0.8
 0.3s 6.60nm 4.4mb
 ASPA 46.85 252 iPd 00 11.00 -0.7
 0.6s 16.10nm 4.5mb
 COE 73.96 43 (P) 03 12.91 0.3
 ARN 74.11 43 eP 03 13.52 0.1
 ABL 74.29 46 eP 03 14.49 -0.3
 PLM 75.19 49 eP 03 20.29 0.5
 PEC 75.25 48 eP 03 20.00 0.1
 0.8s 3.03nm 4.1mb
 ORV 75.39 41 eP 03 21.29 0.8
 GSC 76.22 47 eP 03 25.13 -0.2
 BONR 76.58 44 eP 03 27.23 -0.3
 TNP 77.37 44 eP 03 32.70 0.9
 0.6s 2.22nm 4.1mb
 BGL 79.19 12 eP 03 40.33 -0.5
 RMW 79.84 34 eP 03 44.31 -0.2
 TTA 80.10 10 eP 03 46.16 0.6
 0.9s 4.77nm 4.2mb
 MSU 81.03 46 eP 03 51.42 0.3
 BALM 81.33 16 eP 03 51.56 -0.5
 SRU 82.44 46 eP 03 58.24 -0.1
 EMUT 82.57 45 (P) 03 59.30 0.3
 PV09 83.14 47 iPc 04 01.41 -0.6
 PV10 83.15 47 eP 04 02.50 0.5
 FBA 83.39 12 iPc 04 01.69 -0.5
 0.7s 19.54nm 5.0mb
 IMA 83.40 9 eP 04 03.70 1.3
 0.6s 3.20nm 4.3mb
 PV08 83.52 47 eP 04 01.77 -2.1
 RSSD 88.97 43 eP 04 29.14 -0.8
 0.8s 3.20nm 4.2mb

YKA 91.75 24 eP 04 41.20 -0.8
 0.8s 1.10nm 3.9mb
 MOX 144.52 351 ePKP 11 08.70 -0.3
 GRF 145.51 351 ePKP 11 12.00 1.3
 GEC2 145.88 348 PKP 11 12.40 0.9
 0.8s 2.55nm

e 11 15.00
 FLN 146.94 4 iPKPc 11 15.30 2.3X
 0.5s 10.50nm
 LDF 147.13 4 iPKPc 11 15.70 2.4X
 0.6s 8.55nm
 CDF 147.25 355 iPKPc 11 16.60 2.9X
 0.6s 3.95nm
 GRR 147.28 5 iPKPc 11 16.40 2.8X
 0.4s 5.40nm
 LPF 147.62 5 iPKPc 11 17.40 3.3X
 0.7s 17.75nm
 HAU 147.72 356 iPKPc 11 17.80 3.4X
 LOR 148.56 359 iPKPc 11 20.00 4.3X
 1.0s 10.60nm
 VBY 148.63 344 iPKP 11 19.90 4.1X
 SSF 148.77 360 iPKPc 11 20.60 4.6X
 0.9s 9.50nm

S.D. = 0.8 on 30 of 39 obs.

* DEC 01, 1992 11h 50m 00.38 ± 0.75s
 60.721 N ± 6.3km 5.567 E ± 7.4km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 ML 1.7 (NAO). MD 1.6 (BER).

ASK 0.30 218 eP 50 06.69 0.0
 eSg 50 11.32
 EGD 0.48 201 eP 50 09.90 -0.3
 SUE 0.52 311 iPc 50 11.06 0.2
 eSg 50 19.17
 HYA 0.54 34 eP 50 10.88 -0.4
 NRA0 2.94 87 Pn 50 48.32 0.4
 Pg 50 52.53
 Lg 51 38.17

S.D. = 0.5 on 5 of 5 obs.

& DEC 01, 1992 12h 42m 42.04s
 56.984 N 156.773 W
 DEPTH = 57.6km
 3.7mb (1 obs.)
 ALASKA PENINSULA (12)
 <AEIC>. ML 3.7 (AEIC).

KDC 2.44 70 eP 43 18.00 -2.2
 MCNL 2.56 29 iP 43 20.32 -1.5
 eS 43 50.45
 CDD 2.57 39 iP 43 20.64 -1.4
 eS 43 52.29
 SDN 2.66 233 iP 43 21.07 -2.1
 S 43 53.04
 SYI 2.86 53 iP 43 24.52 -1.6
 AUI 2.95 36 eP 43 25.86 -1.6
 eS 43 59.94
 AUW 2.96 35 iP 43 26.20 -1.4
 AUH 2.97 35 iP 43 26.32 -1.5
 AUP 2.97 35 eP 43 26.39 -1.5
 AUL 2.98 35 eP 43 26.40 -1.5
 AUE 2.99 36 eP 43 26.27 -1.7
 PDB 3.12 25 iP 43 27.67 -2.2
 S 44 03.07
 OPT 3.26 33 eP 43 30.20 -1.7
 INW 3.63 30 eP 43 34.99 -2.2
 INE 3.65 31 eP 43 34.72 -2.7
 ILIM 3.69 31 eP 43 36.13 -1.8
 CNPM 3.88 47 eP 43 37.90 -2.6
 RS1 4.07 29 eP 43 40.40 -2.9
 RS2 4.07 29 eP 43 40.74 -2.6
 RSO 4.07 29 eP 43 40.04 -3.3
 RDW 4.07 29 eP 43 39.89 -3.5
 REF 4.11 29 eP 43 41.05 -2.8
 NCT 4.11 28 eP 43 41.05 -2.8
 BRK 4.17 46 eP 43 41.35 -3.3
 S 44 26.40
 DFR 4.20 29 eP 43 42.88 -2.2
 CKL 4.80 27 eP 43 50.72 -2.9
 CKT 4.84 27 eP 43 50.78 -3.4
 BGL 4.85 26 eP 43 51.38 -2.9
 SPU 4.86 28 iP 43 51.28 -3.1
 S 44 45.05
 CKN 4.87 27 eP 43 52.04 -2.4
 CP2 4.89 27 eP 43 51.59 -3.3

01d 12h

CRP	4.91	27	iPc	43	51.88	-3.3
SLKM	4.91	41	eP	43	51.38	-3.7
			S	44	43.61	
SEW	4.95	48	eP	43	52.15	-3.4
CGLM	4.98	28	eP	43	53.07	-3.1
NCG	5.03	26	eP	43	54.03	-2.8
MPA	5.22	45	eP	43	56.03	-3.3
SUA	5.46	32	eP	43	58.93	-3.9
LTI	5.59	53	eP	44	00.15	-4.4
PTE	5.59	43	eP	43	59.84	-4.7
PMS	5.66	38	eP	44	01.13	-4.5
SKT	5.68	26	eP	44	02.04	-3.8
KNIM	5.80	51	eP	44	02.77	-4.7
PWA	5.86	34	eP	44	03.58	-4.7
PLRM	6.05	37	eP	44	05.51	-5.5
KNK	6.16	40	eP	44	06.95	-5.6
GLI	6.35	48	eP	44	09.44	-5.7
HIN	6.35	53	eP	44	10.41	-4.8
SML	6.48	38	eP	44	11.18	-5.8
CVA	6.75	53	eP	44	15.56	-5.2
VLZ	6.80	48	eP	44	16.99	-4.4
SCM	6.84	41	eP	44	16.36	-5.8
SGAM	6.97	55	eP	44	18.85	-5.0
KAIM	7.12	60	eP	44	21.55	-4.4
KLU	7.17	46	eP	44	21.34	-5.3
RAGM	7.17	57	eP	44	21.52	-5.1
TRF	7.24	24	eP	44	22.42	-5.4
HMT	7.34	58	eP	44	24.32	-4.6
TOA	7.44	42	eP	44	25.95	-4.4
TZL	7.68	44	eP	44	29.18	-4.5
SDG	7.93	41	eP	44	31.66	-5.5
SNH	7.95	60	eP	44	33.03	-4.4
GLB	8.01	51	eP	44	33.26	-5.0
WAX	8.03	59	eP	44	33.35	-5.2
PAX	8.25	39	eP	44	36.47	-5.1
BALM	8.48	55	P	44	39.37	-5.4
YAH	8.53	60	eP	44	41.08	-4.5
FBA	9.05	25	eP	44	44.88	-7.7
	0.4s		4.35nm			4.8mb X
YKA	21.63	58	eP	47	22.20	-6.5
	0.6s		1.90nm			3.7mb
	69 obs.		associated			

? DEC 01, 1992 13h 23m 18.19± 3.07s
 17.156 S ± 11.3km 35.312 E ± 33.6km
 DEPTH = 33.0km (normal)
 4.5mb (3 obs.)

MOZAMBIQUE (581)

SONG	2.88	302	ePn	24	03.00	0.1
			eP*	24	04.70	
			ePg	24	07.20	
			eSg	24	31.50	
CIR	5.21	222	iPn	24	42.40	6.4X
			eSn	25	37.80	
BUL	7.01	244	iPn	25	02.30	0.9
			iSn	26	11.00	
			iSg	26	44.80	
BFT	9.80	209	iPd	25	46.00	5.8X
			S	27	27.00	
SLR	10.75	216	iPd	25	56.50	3.4X
	0.9s		25.21nm			5.4mb X
			S	27	50.50	
KSR	11.68	221	eP	26	11.00	5.3X
	0.4s		385.00nm			6.9mb X
			S	28	12.00	
PRY	12.14	215	eP	26	12.00	0.1
	1.0s		572.00nm			6.7mb X
			S	28	26.00	
BLF	14.55	214	eP	26	36.00	-7.8X
	0.6s		761.00nm			6.4mb X
			S	28	58.20	
LWI	16.15	336	iPc	27	04.70	0.1
GRM	17.91	204	eP	27	35.50	9.0X
	1.5s		42.00nm			4.3mb
			S	31	25.50	
WIN	17.95	250	eP	27	26.00	-1.2
	1.3s		56.00nm			4.5mb
			S	30	46.60	
POF	18.61	226	eP	27	40.00	5.0X
	0.6s		33.00nm			4.7mb
			S	30	46.00	
CER	21.64	219	eP	28	09.50	1.8X
	1.0s		390.00nm			5.8mb X
			S	32	35.00	
TUH	21.68	219	iPc	27	47.50	-20.6X
	1.0s		38.00nm			

			S	30	36.00	
BLE	22.40	219	eP	28	30.00	14.7X
	1.0s		30.00nm			
			S	32	30.50	
KIC	45.96	297	(P)	31	43.30	3.0X
GBA	51.61	56	P	32	38.00	14.1X
GEC2	68.46	345	P	34	29.30	10.2X
	0.9s		1.38nm			
			e	34	32.50	
			e	34	44.00	
	S.D. = 1.1		on	5	of	18 obs.

? DEC 01, 1992 13h 36m 39.13± 4.93s
 23.917 S ± 34.4km 179.811 W ± 56.8km
 DEPTH = 543.6 ± 41.2 km
 4.9mb (8 obs.)

SOUTH OF FIJI ISLANDS (171)

MNG	17.12	192	eP	40	07.90	-1.1
QRZ	18.05	199	eP	40	19.10	1.2
RMO	28.52	258	eP	41	51.20	-1.5
	0.4s		13.00nm			4.9mb
			i	41	54.20	
			i	42	08.20	
TOO	32.58	237	iPd	42	28.40	1.2
	0.4s		13.00nm			4.9mb
PMG	34.66	289	eP	42	45.00	0.3
	0.8s		22.39nm			4.8mb
STKA	34.88	248	iPd	42	51.50	5.1X
OIS	37.63	267	iPc	43	09.30	0.2
	0.2s		1.00nm			4.1mb
ASPA	42.20	261	iPd	43	46.40	0.4
	0.6s		22.20nm			4.9mb
W82	42.57	266	iPc	43	48.80	-0.1
	0.3s		65.30nm			5.6mb
WRA	42.58	266	P	43	49.20	0.3
	0.5s		13.60nm			4.7mb
WAR8	48.28	256	eP	44	32.20	-0.6
KNA	48.83	270	iPd	44	37.40	0.3
KLB	55.14	247	eP	45	21.80	-0.5
BAL	56.19	248	eP	45	29.20	-0.4
MUN	56.38	247	eP	45	31.00	0.0
MRWA	57.04	250	eP	45	35.30	-0.2
NANU	58.95	257	iPd	45	49.10	0.6
	0.5s		26.00nm			4.8mb
	S.D. = 0.8		on	16	of	17 obs.

& DEC 01, 1992 15h 05m 38.32s
 34.221 N 116.428 W
 DEPTH = 1.6km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PEC	0.69	242	eP	05	51.24	-0.9
			eS	05	59.34	
PLM	0.94	203	(P)	05	54.82	-2.3
			eS	06	08.77	
SSK	1.05	270	ePn	05	58.19	-0.8
			eS	06	12.53	
GSC	1.12	344	eP	06	00.56	0.4
			eS	06	15.86	
GLA	1.77	131	ePn	06	08.15	-2.2
			ePg	06	11.48	
ISA	2.21	311	(Pn)	06	17.50	0.8
			ePg	06	19.93	
	6 obs.		associated			

DEC 01, 1992 15h 59m 51.80± 0.64s
 35.748 N ± 10.1km 139.173 E ± 8.1km
 DEPTH = 133.2 ± 8.7 km
 3.5mb (1 obs.)

NEAR S. COAST OF HONSHU, JAPAN (230)

CHJJ	0.33	334	iPd	00	10.50	-0.1
			S	00	23.50	
KAKJ	0.93	60	P	00	14.40	-0.2
			S	00	31.20	
IIDJ	1.06	256	iP+	00	16.50	0.6
			S	00	34.90	
MAT	1.11	316	iPd	00	15.60	-0.8
			iS	00	32.60	
MTMJ	1.39	307	iPd	00	19.10	-0.2
NIIJ	1.50	355	iPd	00	20.70	0.3
			S	00	43.10	
YAMJ	2.52	16	iPd	00	34.10	1.2
			eS	01	03.20	
TSRJ	2.61	266	P	00	33.60	-0.4

WKYJ	3.31	244	iPd	00	43.40	0.1
OFUJ	3.87	30	P	00	50.00	-0.7
			eS	01	33.10	
TKSJ	4.57	249	P	01	00.50	0.5
			eS	01	52.50	
YONJ	4.69	265	P	01	01.60	-0.2
WRA	55.58	186	P	09	15.40	-0.2
	0.6s		0.40nm			3.5mb
	S.D. = 0.6		on	13	of	13 obs.

% DEC 01, 1992 16h 14m 22.72± 2.13s
 31.394 S ± 11.3km 68.745 W ± 18.9km
 DEPTH = 127.9 ± 17.1 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.10	207	iPd	14	41.10	0.4
RTLL	0.24	75	iPc	14	40.80	-0.2
			S	14	51.20	
CFA	0.48	116	iPc	14	41.20	-0.5
			S	14	53.60	
RTPR	2.21	61	ePd	15	00.50	0.9
			eS	15	26.90	
MRA	2.77	112	ePc	15	07.20	0.3
			S	15	33.00	
RFA	3.38	176	e(P)	15	15.00	0.0
TCA	3.55	90	iP	15	16.90	-0.5
			(S)	15	54.00	
CYA	3.90	42	iPd	15	21.50	-0.4
			S	16	07.00	
	S.D. = 0.7		on	8	of	8 obs.

DEC 01, 1992 16h 14m 52.43± 0.60s
 10.778 N ± 8.5km 63.521 W ± 5.9km
 DEPTH = 5.0km (geophysicist)
 NEAR COAST OF VENEZUELA (97)
 MD 4.5 (TRN).

CUM	0.71	244	iP	15	06.60	0.0
			iS	15	16.40	
TCE	1.74	93	eP	15	21.80	-1.6
			eS	15	48.48	
TRN	2.09	93	eP	15	27.08	-1.4
			i	15	28.79	
TPP	2.09	103	eP	15	29.48	1.0
			eS	15	56.68	
GUAN	2.25	249	eP	15	31.60	0.7
GRW	2.28	53	eP	15	32.11	0.7
			eS	15	58.97	
TBH	2.43	97	eP	15	34.42	1.0
			eS	16	01.09	
PIG	2.66	82	eP	15	38.04	1.3
QLLA	3.32	257	eP	15	45.40	-0.8
SV8	3.33	42	eP	15	43.50	-2.7
CAR	3.36	266	iP	16	32.00	45.2X
BIM	4.42	33	eP	16	01.71	0.0
MVM	4.54	34	eP	16	03.64	0.1
FDF	4.56	30	eP	16	03.86	0.1
CRM	4.70	32	eP	16	06.80	1.1
PAG	5.52	19	eP	16	18.00	0.6
	S.D. = 1.2		on	15	of	16 obs.

* DEC 01, 1992 16h 17m 14.27± 0.80s
 43.086 N ± 13.2km 0.605 W ± 5.9km
 DEPTH = 10.0km (geophysicist)
 PYRENEES (378)
 ML 1.0 (STR).

ESCF	0.02	108	Pg	17	15.95	-0.3
			Sg	17	16.59	
ATE	0.07	270	Pg	17	16.28	-0.4
			Sg	17	17.43	
OGE	0.13	49	Pg	17	17.70	0.3
ISSF	0.15	247	Pg	17	18.18	0.3
			Sg	17	21.50	
MADF						

AUE	0.47	264	eP	29	46.10	-0.6
AUP	0.49	265	eP	29	46.85	-0.2
AUL	0.50	267	eP	29	46.90	-0.1
AUI	0.50	262	eP	29	46.40	-0.7
			eS	29	56.35	
			eS	29	56.44	
AUH	0.50	265	eP	29	46.89	-0.3
AUW	0.52	266	eP	29	46.83	-0.4
CNPM	0.64	79	iP	29	47.76	-0.8
			eS	29	58.74	
ILIM	0.72	340	iP	29	48.56	-0.9
			eS	29	59.83	
INE	0.72	335	eP	29	48.63	-1.0
			eS	29	59.84	
INW	0.74	333	eP	29	49.49	-0.3
CDD	0.78	232	eP	29	49.58	-0.6
			eS	30	01.86	
SYI	0.81	177	eP	29	50.03	-0.4
			eS	30	02.25	
PDB	0.96	294	eP	29	51.41	-1.0
			eS	30	05.10	
MCNL	0.99	257	iP	29	51.70	-1.1
RS1	1.06	352	iP	29	53.23	-0.7
			eS	30	08.32	
RSO	1.06	352	iP	29	53.20	-0.8
			iS	30	08.34	
RS2	1.06	352	iP	29	53.25	-0.7
			eS	30	08.56	
REF	1.09	354	iP	29	53.46	-0.8
			iS	30	08.46	
RDW	1.09	351	eP	29	53.37	-0.9
			eS	30	08.65	
NCT	1.18	349	eP	29	54.41	-1.0
			eS	30	10.70	
DFR	1.19	355	iP	29	54.67	-0.8
			eS	30	10.85	
SLKM	1.58	45	eP	29	59.93	-0.7
KDC	1.67	181	iP	30	00.79	-1.1
SEW	1.68	64	eP	30	01.37	-0.6
SPU	1.79	6	eP	30	02.83	-0.8
			eS	30	25.89	
CKL	1.79	2	eP	30	03.61	-0.1
CKT	1.80	4	eP	30	03.23	-0.6
CKN	1.82	4	eP	30	03.93	-0.2
BGL	1.86	1	eP	30	04.13	-0.5
CP2	1.86	3	eP	30	04.14	-0.6
CRP	1.87	5	P	30	04.50	-0.3
MPA	1.90	54	eP	30	04.02	-1.0
SUA	2.23	22	eP	30	09.12	-0.7
PTE	2.25	48	eP	30	08.42	-1.6
SVW	2.32	319	P	30	09.30	-1.7
PMS	2.34	37	eP	30	10.78	-0.5
KNIM	2.56	66	eP	30	11.29	-3.0
KNK	2.82	43	eP	30	16.24	-1.8
GLI	3.06	59	eP	30	18.23	-3.1
SML	3.15	38	eP	30	20.97	-1.7
HIN	3.16	69	eP	30	19.83	-2.9
FID	3.28	63	eP	30	21.79	-2.7
SGAM	3.81	70	P	30	21.30	-10.5
KLU	3.85	54	eP	30	30.02	-2.5

46 obs. associated

% DEC 01, 1992 17h 47m 12.31±1.15s
 42.936 N ± 8.4km 13.692 E ± 14.0km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)

AQU	0.62	200	P	47	25.70	0.9
			eSg	47	35.60	
ASS	0.77	280	P	47	26.70	-0.7
			eSg	47	39.00	
ARV	0.79	316	P	47	27.50	-0.1
			eSg	47	39.80	
SDI	1.23	176	P	47	34.80	-0.5
			eSg	47	53.50	
RSM	1.34	318	P	47	37.40	0.4
DUI	1.40	156	P	47	37.70	-0.2
			eSn	47	57.50	
CRE	1.45	299	P	47	38.10	-0.5
			eSg	47	58.30	
SFI	1.66	307	P	47	42.20	0.6

S.D. = 0.7 on 8 of 8 obs.

& DEC 01, 1992 17h 49m 45.47s
 35.061 N 116.989 W
 DEPTH = 4.9km
 CENTRAL CALIFORNIA (39)

<PAS-P>. ML 3.1 (PAS), 2.7 (GS).

GSC	0.28	32	iPc	49	50.93	-0.3
SSK	1.03	215	ePn	50	04.28	-1.2
			S	50	19.11	
PEC	1.17	187	ePd	50	07.13	-0.8
ISA	1.35	297	eP	50	09.96	-1.1
PLM	1.71	176	eP	50	15.65	-0.6
			S	50	39.68	
ABL	1.85	264	ePn	50	16.10	-2.2
BCH	2.54	274	ePn	50	26.71	-1.4
MTUM	2.62	331	ePn	50	29.23	-0.1
GLA	2.69	138	ePn	50	30.57	0.3
			S	51	11.94	
TNP	3.02	357	ePn	50	34.78	-0.3
MMPM	3.03	328	ePn	50	36.26	1.0
MEMM	3.04	329	ePn	50	35.79	0.7
BONR	3.08	340	ePn	50	36.32	0.4
			ePg	50	44.79	
ARUT	3.95	45	(Pn)	50	48.00	-0.2
			ePg	50	58.39	
MSU	5.18	47	ePg	51	21.84	16.1

15 obs. associated

DEC 01, 1992 18h 04m 26.61±0.31s
 4.005 S ± 4.9km 134.891 E ± 5.7km
 DEPTH = 33.0km (normal)
 5.0mb (27 obs.) 4.9msz (21 obs.)
 IRIAN JAYA REGION, INDONESIA (196)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 19S, 31C
 Centroid Location:
 Origin Time 18:04:28.6 0.6
 Lat 3.96S 0.05 Lon 135.18E 0.07
 Dep 41.0 4.9 Half-duration 1.1
 Moment Tensor: Scale 10**16 Nm
 Mrr= 0.98 0.55 Mtt=-9.84 0.53
 Mff= 8.85 0.88 Mrt=-6.32 1.24
 Mrf= 3.30 0.85 Mtf=-3.43 0.56
 Principal Axes:
 T Vol= 11.55 Plg=26 Azm=253
 N 1.35 54 121
 P -12.89 23 355
 Best Double Couple: Mo=1.2*10**17
 NP1: Strike= 34 Dip=54 Slip= 2
 NP2: 303 89 144

SWI	4.79	311	iPd	05	36.00	-2.2
			iS	06	15.00	
AAI	6.69	272	ePd	06	05.00	-0.1
			eS	07	20.00	
WWKK	8.72	88	eP	06	34.50	0.9
MTN	9.54	203	eP	06	44.30	-0.5
	0.4s	354.00nm			6.9mb X	
			eS	08	26.00	
MNI	11.41	298	ePd	07	09.00	-1.4
	1.3s	748.40nm			6.7mb X	
KNA	13.13	207	eP	07	32.50	-1.0
	0.4s	106.00nm			6.2mb X	
			eS	09	55.00	
PMG	13.31	114	eP	07	34.00	-1.8
	0.9s	68.91nm			5.6mb	
DAV	14.42	320	eP	07	50.80	0.4
BIP	14.90	325	eP	07	56.00	-0.6
WSI	15.55	248	ePc	08	07.20	2.1
WB2	15.85	182	iPd	08	03.90	-5.2X
	0.9s	10.60nm			4.0mb X	
			i	08	12.00	
			eS	10	45.50	
WRA	15.85	182	P	08	04.30	-4.8X
	0.9s	13.10nm			4.1mb	
CGP	16.02	321	eP	08	13.50	2.3
QIS	17.08	165	eP	08	19.50	-5.1X
	0.3s	9.00nm			4.4mb	
			i	08	27.70	
			eS	11	25.20	
RAB	17.23	91	e(P)	08	26.00	-0.5
PLP	18.01	327	ePc	08	34.20	-2.0
CTA	19.45	146	P	08	54.09	0.5
ASPA	19.57	183	iPd	08	54.70	-0.3
	0.7s	395.40nm			5.8mb	
			eS	12	27.70	
KHKI	19.65	256	ePc	08	55.00	-0.8
			e	11	30.50	
KKM	21.15	298	ePd	09	12.10	0.6
PGP	22.22	322	eP	09	18.00	-4.1X

TGY	22.70	323	ePd	09	28.00	1.2
QVP	23.07	324	eP	09	34.00	3.7X
OLP	24.17	159	iPc	09	42.00	1.0
	0.6s	89.00nm			5.5mb	
BAG	24.73	325	eP	09	47.00	0.3
			e(S)	14	12.00	
CVP	25.13	330	eP	09	50.50	0.2
RMQ	26.00	151	eP	09	57.20	-1.2
	1.0s	21.00nm			4.7mb	
NANU	26.30	224	eP	10	03.00	1.8
STK	28.44	168	P	10	25.60	5.1X
BRS	28.85	146	iPd	10	24.00	-0.3
			i	10	30.00	
			i(S)	15	57.00	
CMS	29.21	161	eP	10	33.70	6.2X
	1.0s	12.00nm			4.6mb	
MRWA	30.82	214	eP	10	41.00	-0.9
ADE	31.01	174	eP	10	43.20	-0.3
KLB	31.82	208	eP	10	49.00	-1.6
PPI	34.64	275	ePd	11	15.00	-0.3
	0.5s	60.00nm			5.8mb	
TOO	34.79	165	eP	11	18.40	2.1
	0.6s	6.00nm			4.7mb	
IPM	34.89	284	ePc	11	18.20	0.7
DZM	35.47	123	iPc	11	27.90	5.5X
SSE	37.27	340	eP	11	44.40	7.1X
	Z	20s	2.40um		5.0msz	
	N	20s	1.80um			
			sP	11	53.00	
			S	17	20.00	
			SS	19	56.00	
LOE	39.04	304	eP	11	54.00	1.7
NST	39.57	300	eP	12	03.50	6.8X
WHN	39.57	332	eP	11	58.20	1.7
MAT	40.45	4	eP	12	02.00	-1.8
			eS	18	04.00	
KHT	40.52	298	eP	12	04.50	-0.1
GVA	40.78	320	iPc	12	08.00	1.3
	1.0s	9.60nm			4.5mb	
	Z	26s	1.46um		4.7mszX	
CHG	42.03	304	ePc	12	16.00	-1.0
	0.9s	16.81nm			4.8mb	
KMI	42.58	315	Pc	12	23.50	1.9
	2.0s	30.00nm			4.7mb	
	Z	25s	1.50um		4.8mszX	
			pP	12	35.00	41kmX
TIA	43.32	339	eP	12	28.70	1.4
	Z	24s	1.16um		4.7mszX	
			eSS	22	05.00	
XAN	45.08	329	P	12	39.50	-2.1
	1.0s	11.00nm			4.7mb	
	Z	24s	0.66um		4.5mszX	
			pP	12	49.00	32kmX
CD2	45.70	322	eP	12	46.80	0.3
	Z	30s	1.64um		4.8mszX	
TIY	46.46	335	eP	12	52.40	0.0
	Z	22s	1.03um		4.7msz	
	N	12s	0.29um			
			S	19	37.50	
BJI	47.08	340	eP	12	56.00	-1.2
	1.0s	22.00nm			5.1mb	
	Z	18s	1.06um		4.8msz	
	N	17s	0.68um			
CN2	48.34	351	eP	13	10.60	3.6X
	1.3s	15.00nm			4.9mb	
	Z	20s	1.03um		4.8msz	
	N	17s	0.46um			
	E	17s	0.42um			
			epP	13	17.50	23kmX
LZH	49.34	327	eP	13	16.00	1.0
	1.4s	45.00nm			5.3mb	
	Z	28s	0.90um		4.6mszX	
			pP	13	21.00	17kmX
HHC	49.48	337	P	13	15.00	-1.0
	1.2s	28.00nm			5.2mb	
	Z	28s	1.48um		4.8mszX	
	N	13s	0.49um			
BTO	49.89	335	P	13	20.00	0.8
YSS	51.27	7	(P)	13	35.00	5.7X
	Z	19s	0.50um		4.6msz	
			e	13	47.20	
LSA	53.64	312	eP	13	49.00	1.1
			S	21	20.00	
GTA	53.94	327	eP	13	49.50	-0.1
	1.5s	35.00nm			5.2mb	
	Z	18s	0.86um		4.9msz	
			pP	14	02.50	47kmX

01d 18h

GUN 56.85 307 P 14 09.92 -1.3
 PKI 57.08 306 P 14 12.16 -0.7
 KKN 57.28 307 P 14 12.56 -1.5
 DMN 57.34 306 P 14 13.86 -0.7
 GKN 57.89 307 P 14 16.90 -1.3
 CIT 58.66 345 eP 14 23.00 -0.1
 HYB 59.52 293 eP 14 27.50 -2.0
 GBA 59.63 288 P 14 29.00 -1.3
 ZAK 60.62 337 iPd 14 36.50 0.1
 1.5s 35.00nm 5.3mb
 Z 17s 0.70um 4.9MsZ
 E 18s 0.70um
 eS 22 51.00
 eSS 26 48.00
 IRK 61.77 339 eP 14 42.10 -2.2
 3.0s 129.00nm 5.5mb
 MOY 62.54 337 eP 14 50.80 1.5
 WMO 63.72 324 P 14 59.00 1.6
 0.8s 18.00nm 5.2mb
 Z 24s 0.57um 4.7MsZ
 pP 15 04.00 16kmX
 sP 15 10.00
 PP 17 17.20
 ScS 24 44.00
 BOD 63.87 348 eP 14 56.00 -2.1
 1.0s 22.00nm 5.2mb
 POO 64.13 293 iPc 14 55.50 -5.0X
 YAK 65.95 357 eP 15 10.00 -1.4
 i 15 18.00
 PRZ 68.86 319 eP 15 34.00 3.7X
 KSH 69.21 315 eP 15 34.50 2.0
 ELT 70.07 331 eP 15 33.50 -3.8X
 1.4s 32.00nm 5.2mb
 HON 70.32 66 P 15 50.00 10.6X
 Z 20s 0.49um 4.7MsZ
 TIK 75.60 358 eP 16 09.30 -0.2
 Z 20s 0.90um 5.1MsZ
 e 16 19.00
 e 26 25.00
 BRVK 78.29 326 iPd 16 26.00 1.1
 1.1s 18.00nm 5.0mb
 MAIO 80.66 308 iPc 16 40.80 2.6
 TTA 84.19 25 eP 16 57.70 1.9
 SVE 84.78 328 ePd 17 01.50 2.8X
 N 15s 0.50um
 E 15s 0.30um
 e 17 18.00
 ARU 85.77 327 eP 17 04.00 0.3
 IMA 86.20 23 eP 17 06.10 0.2
 1.2s 9.70nm 4.9mb
 PMR 86.87 28 (P) 17 12.00 3.1X
 1.0s 20.00nm 5.3mb
 Z 21s 0.54um 4.9MsZ
 FBA 88.24 25 eP 17 18.70 3.2X
 1.0s 6.00nm 4.9mb
 BALM 89.97 29 eP 17 28.89 5.0X
 WDC 102.14 50 Pd 18 30.00 10.3X
 Z 19s 0.61um 5.1MsZ
 CMB 104.05 52 Pd 18 40.00 11.7X
 Z 21s 0.36um 4.9MsZ
 ISA 105.83 54 PKP 23 00.00 10.9X
 Z 19s 0.48um 5.0MsZ
 TUC 112.64 57 PKP 23 10.00 7.9X
 Z 20s 0.44um 5.0MsZ
 RSSD 114.77 43 PKP 23 20.00 13.9X
 Z 21s 0.18um 4.6MsZ
 GOL 115.21 48 PKP 23 20.00 12.9X
 Z 19s 0.58um 5.2MsZ
 ALQ 115.63 53 PKP 23 20.00 12.0X
 Z 20s 0.33um 4.9MsZ
 WMOK 121.74 51 PKP 23 30.00 10.7X
 Z 18s 0.37um 5.1MsZ
 MIAR 125.81 50 PKP 23 40.00 12.8X
 Z 19s 0.29um 5.0MsZ
 RSNY 132.05 28 PKP 23 50.00 11.2X
 Z 21s 0.23um 4.9MsZ
 CBM 132.83 21 PKP 23 50.00 9.8X
 Z 21s 0.36um 5.0MsZ
 HRV 135.01 28 PKP 24 00.00 15.6X
 Z 21s 0.26um 4.9MsZ
 KIC 139.74 275 (PKP) 23 46.00 -8.1X
 NNA 144.67 117 ePKP 24 03.00 0.3
 1.2s 31.25nm
 ARE 146.93 129 e(PKP) 24 12.00 5.3X
 YJA 147.22 143 ePKP 24 11.00 3.7X
 CNCB 149.37 133 PKP 24 17.90 7.0X
 LPB 149.46 133 PKP 24 15.50 4.6X

ZOBO 149.59 132 PKP 24 15.00 3.7X
 1.0s 25.00nm
 Z 24s 0.28um 5.0MsZ
 LR 12 12.00
 CCH 150.29 136 ePKP 24 13.00 1.0
 SIV 154.62 142 (PKP) 24 32.00 14.2X
 S.D. = 1.3 on 70 of 109 obs.
 % DEC 01, 1992 18h 08m 42.77±0.66s
 42.923 N ± 5.4km 18.935 E ± 4.9km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).
 NKY 0.12 157 iPg 08 46.65 0.8
 iSg 08 49.39
 BRY 0.29 266 iPg 08 48.86 0.0
 iSg 08 53.63
 PLE 0.53 39 ePg 08 53.48 0.0
 iSg 09 01.25
 TTG 0.55 154 iPg 08 53.06 -0.8
 iSg 09 01.96
 HCY 0.57 214 iPg 08 54.35 -0.1
 iSg 09 02.78
 BDV 0.64 187 iPg 08 55.56 -0.1
 iSg 09 05.31
 IVA 0.71 94 iPg 08 56.56 -0.3
 iSg 09 07.39
 PVY 0.83 113 iPg 08 59.20 0.3
 iSg 09 11.93
 ULC 0.99 166 iPg 09 01.74 0.2
 iSg 09 16.58
 S.D. = 0.5 on 9 of 9 obs.
 DEC 01, 1992 18h 23m 32.59±0.66s
 40.435 S ± 4.8km 176.905 E ± 7.5km
 DEPTH = 35.2 ± 10.6 km
 4.2mb (2 obs.)
 NORTH ISLAND, NEW ZEALAND (159)
 TEHZ 0.45 351 P 23 41.60 -0.9
 PGZ 0.52 249 Pd 23 45.00 1.6
 S 23 52.70
 WAHZ 0.85 330 Pc 23 47.20 -1.0
 TTH 0.89 356 P 23 49.30 0.5
 MNG 1.10 260 Pd 23 52.40 0.7
 S 24 06.50
 AMW 1.23 224 P 23 55.10 1.5
 MTW 1.29 235 Pd 23 55.40 0.9
 MOH 1.31 8 P 23 55.30 0.4
 BLW 1.43 229 P 23 57.70 1.1
 MAHZ 1.45 31 P 23 57.80 0.9
 CAW 1.55 244 P 23 58.70 0.4
 KIW 1.58 254 P 23 59.10 0.4
 PAHZ 1.58 4 P 23 58.90 0.2
 WHH 1.58 348 P 23 58.80 0.0
 MOW 1.59 231 P 23 59.30 0.4
 NGZ 1.61 321 P 23 59.40 0.2
 CNZ 1.62 319 P 23 59.40 0.1
 BSZ 1.64 292 P 24 00.30 0.7
 WEL 1.83 242 P 24 02.50 0.3
 MRW 1.85 244 P 24 02.60 0.1
 NOZ 2.01 26 P 24 05.00 0.1
 PATZ 2.11 346 P 24 06.10 -0.3
 TCW 2.14 248 P 24 06.10 -0.6
 URZ 2.18 4 P 24 06.60 -0.6
 S 24 32.30
 TAZ 2.22 352 P 24 07.60 -0.2
 DIW 2.30 260 eP 24 09.00 0.1
 MOZ 2.52 319 P 24 11.80 -0.2
 WLZ 2.76 338 eP 24 15.60 0.2
 HBZ 3.03 21 eP 24 18.90 -0.4
 KHZ 3.21 231 P 24 20.30 -1.6
 S 24 57.50
 THZ 3.30 245 P 24 21.60 -1.7
 LTZ 4.19 234 P 24 33.40 -2.5
 MOZ 4.55 223 P 24 39.50 -1.3
 S 25 27.50
 WB2 41.58 287 eP 31 18.50 -0.2
 0.3s 5.40nm 4.8mb
 WRA 41.59 287 P 31 19.40 0.6
 0.5s 0.60nm 3.6mb
 S.D. = 0.9 on 35 of 35 obs.
 DEC 01, 1992 18h 43m 43.55±0.21s
 22.288 S ± 4.0km 174.307 E ± 5.8km
 DEPTH = 21.3km (4 depth phases)

5.2mb (31 obs.) 5.3MsZ (25 obs.)
 LOYALTY ISLANDS REGION (189)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 15S, 26C
 Centroid Location:
 Origin Time 18:43:51.0 0.4
 Lat 21.99S 0.05 Lon 174.40E 0.06
 Dep 15.0 FIX Half-duration 1.4
 Moment Tensor; Scale 10**17 Nm
 Mrr= 0.72 0.06 Mtt=-1.65 0.07
 Mff= 0.93 0.09 Mrt= 1.33 0.20
 Mrf=-1.22 0.17 Mtf= 0.50 0.06
 Principal Axes:
 T Val= 2.14 P1g=47 Azm= 76
 N 0.39 31 306
 P -2.53 27 198
 Best Double Couple: Mo=2.3*10**17
 NP1: Strike=240 Dip=33 Slip= 20
 NP2: 133 79 122
 DZM 7.29 270 iPc 45 31.10 -0.5
 iS 46 54.00
 BKM 7.32 308 iPc 45 42.00 10.0X
 URZ 16.10 172 P 47 31.80 1.6
 0.9s 401.00nm 5.5mb
 WHH 16.65 174 P 47 39.60 2.3
 TTH 17.33 173 eP 47 46.00 0.3
 WAHZ 17.44 175 P 47 47.90 0.7
 MNG 18.30 177 P 47 56.50 -1.3
 1.1s 307.00nm 5.4mb
 KIW 18.53 179 P 47 58.80 -1.8
 ORZ 18.54 184 P 48 02.30 1.5
 1.0s 199.00nm 5.3mb
 CAW 18.78 178 eP 48 02.70 -0.9
 MTW 18.84 177 P 48 01.90 -2.5
 TCW 18.87 180 P 48 03.50 -1.2
 MOW 19.09 178 P 48 04.20 -3.3X
 DSZ 19.52 186 eP 48 10.80 -1.7
 KHZ 20.08 182 P 48 16.90 -1.5
 1.7s 677.00nm 5.7mb
 BRS 20.18 251 iPc 48 23.00 3.3X
 1.0s 11.00nm 4.2mb
 iS 52 09.00
 LTZ 20.51 184 P 48 21.50 -1.5
 1.3s 501.00nm 5.7mb
 ARMA 21.85 243 eP 48 37.70 0.9
 1.0s 29.00nm 4.7mb
 BWZ 22.48 188 P 48 42.70 -0.1
 LRCZ 23.08 189 P 48 48.60 -0.3
 MHZ 23.09 189 P 48 48.80 -0.1
 LSCZ 23.13 189 P 48 49.20 0.0
 CMZC 23.17 189 P 48 49.70 0.0
 TLC 23.25 189 P 48 51.80 1.4
 RMO 23.63 255 eP 48 55.20 1.0
 1.0s 90.00nm 5.3mb
 TUZ 23.92 188 P 48 58.20 1.5
 SIZ 25.03 190 eP 49 09.60 2.1
 CNB 25.34 234 eP 49 11.30 0.7
 1.0s 62.00nm 5.2mb
 CAN 25.61 234 eP 49 12.90 -0.3
 e 49 16.30 12km
 i 49 22.00
 BWA 25.71 236 eP 49 14.90 0.8
 e 49 23.50 31km
 CMS 26.94 244 eP 49 24.50 -0.9
 0.7s 7.00nm 4.4mb
 TOO 29.10 232 eP 49 44.70 -0.3
 1.1s 49.00nm 5.2mb
 STKA 30.55 245 iPd 50 00.80 2.9
 BFD 31.14 234 eP 50 02.20 -0.9
 1.0s 22.00nm 5.0mb
 ASPA 37.14 260 iPc 50 53.10 -1.7
 0.8s 11.50nm 4.7mb
 Z 20s 4.40um 5.2MsZ
 e 00 25.40
 WB2 37.27 266 eP 50 54.30 -1.6
 1.1s 3.00nm 4.0mb X
 WRA 37.28 266 P 50 53.70 -2.3
 0.5s 1.30nm 4.0mb X
 HON 51.08 34 P 53 00.00 13.4X
 Z 20s 1.60um 5.0MsZ
 NANU 54.01 258 eP 53 07.60 -1.0
 CGP 57.41 297 eP 53 32.00 -1.3
 CHJJ 66.95 329 P 54 36.80 0.1
 KAGJ 67.53 320 eP 54 35.40 -5.0X
 MAT 67.72 329 eP 54 40.00 -1.6

01d 19h

MIN	1.79	30	iP	13 48.42	0.6
WDC	1.79	5	eP	13 48.84	1.1
GCC	1.86	161	ePc	13 46.41	-2.3
KMPM	1.93	328	(Pn)	13 52.31	2.5
			ePg	13 57.40	
FOX	1.97	332	ePd	13 57.25	7.0
CMB	2.02	111	eP	13 49.68	-1.3
LGPM	2.12	359	ePn	13 54.73	2.2
FHC	2.22	335	(P)	13 55.73	1.9
SAO	2.28	152	eP	13 52.01	-2.8
LLA	2.61	146	iPc	13 57.27	-2.2
FRI	3.01	126	ePc	14 03.89	-1.3
PRI	3.13	147	ePc	14 07.71	0.8
MMPM	3.17	111	(P)	14 06.78	-0.9
MEMM	3.21	109	(P)	14 09.27	1.3
MRCM	3.53	107	(P)	14 12.98	0.2
BONR	3.60	102	(Pn)	14 13.08	-0.8
			ePg	14 18.73	
MTUM	3.61	112	(Pn)	14 12.94	-0.9
KVN	3.65	84	eP	14 20.80	6.4

27 obs. associated

DEC 01, 1992 19h 15m 26.83±0.58s
 44.839 N ± 3.8km 6.619 E ± 5.8km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.5 (LDG), 2.3 (GEN).

RRL	0.14	55	P	15 30.80	0.4
			S	15 33.54	
BHB	0.46	89	P	15 35.97	-0.2
			S	15 42.48	
PZZ	0.48	134	P	15 35.56	-1.0
			S	15 42.47	
RSP	0.55	55	P	15 38.44	0.3
			S	15 45.99	
LPG	0.67	8	Pg	15 40.80	0.5
			Sg	15 50.20	
LPL	0.68	7	Pg	15 41.20	0.7
			Sg	15 51.20	
LSD	0.73	31	P	15 41.69	0.4
			S	15 51.71	
STV	0.78	139	P	15 40.91	-1.2
			S	15 51.71	
ENR	0.84	137	P	15 42.74	-0.3
			S	15 52.81	
ROB	1.05	121	P	15 46.08	-0.5
			S	15 59.51	
SBF	1.14	149	Pg	15 49.10	0.9
			Sg	16 04.90	
FRF	1.28	179	Pg	15 51.10	0.6
			Sg	16 08.40	
FIN	1.30	118	P	15 50.57	-0.3
IMI	1.30	135	P	15 50.61	-0.3
LRG	1.40	188	Pg	15 53.60	1.3
			Sg	16 11.70	
PCP	1.41	102	P	15 52.54	0.0
LMR	1.51	183	Pg	15 55.00	1.1
			Sg	16 14.40	
BGF	3.15	304	Pn	16 15.00	-2.5
			Sg	17 07.30	

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

DEC 01, 1992 19h 28m 05.84±0.52s
 44.811 N ± 2.9km 6.720 E ± 6.2km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.2 (LDG), 2.2 (STR), 1.9 (GEN).

RRL	0.12	23	P	28 09.19	0.2
			S	28 11.68	
SURF	0.34	169	Pg	28 12.09	-0.8
			Sg	28 17.34	
BHB	0.39	85	P	28 14.33	0.5
			S	28 20.37	
PZZ	0.41	138	P	28 14.20	-0.1
			S	28 20.51	
RSP	0.51	48	P	28 16.58	0.4
			S	28 23.69	
LPG	0.69	2	Pg	28 19.30	-0.3
			Sg	28 29.50	
LPL	0.71	1	Pg	28 19.80	-0.1
			Sg	28 30.40	
STV	0.71	142	P	28 19.41	-0.5
			S	28 29.66	
LSD	0.72	25	P	28 19.82	-0.3

ENR	0.77	139	P	28 20.65	-0.3
SBF	1.08	151	Pg	28 30.40	4.2X
			Sg	28 47.20	
FRF	1.25	182	Pg	28 29.80	0.7
			Sg	28 47.40	
LRG	1.38	191	Pg	28 31.00	-0.1
			Sg	28 49.90	
LMR	1.49	186	Pg	28 33.40	0.8
			Sg	28 53.00	

S.D. = 0.5 on 13 of 14 obs.

DEC 01, 1992 19h 39m 22.24±0.35s
 42.769 N ± 3.5km 12.506 E ± 3.3km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 ML 3.1 (LDG), MD 3.3 (TRI).

ASS	0.32	21	P	39 28.90	0.0
			eSg	39 33.40	
CIO	0.63	48	P	39 34.00	-1.0
			eSg	39 43.70	
AQU	0.78	122	P	39 37.00	-0.5
			eSg	39 48.80	
ALP	0.79	89	P	39 36.30	-1.4
			eSg	39 48.50	
ARV	0.80	24	P	39 37.10	-0.6
			eSg	39 49.00	
SSO	0.85	52	P	39 38.40	-0.2
			eSg	39 51.80	
CRE	0.95	335	P	39 41.20	0.8
			eSg	39 56.00	
RMP	0.97	171	P	39 41.90	1.2
			eSg	39 57.10	
RDP	1.02	171	P	39 42.50	0.9
			eSg	39 58.90	
AOI	1.12	45	P	39 42.90	-0.3
			eSg	39 59.50	
RSM	1.16	358	P	39 46.20	2.3
PGD	1.25	333	P	39 46.10	0.6
			eSg	40 03.70	
SFI	1.25	338	P	39 47.00	1.6
			eSg	40 04.70	
FIR	1.36	318	e(Pg)	39 49.00	1.8
			(Sg)	40 10.00	
SDI	1.44	137	P	39 49.20	0.8
			eSg	40 08.10	
PII	1.73	304	P	39 53.30	0.8
			eSn	40 16.00	
DUI	1.82	127	P	39 54.30	0.3
BDI	1.90	314	P	39 55.90	0.9
			eSn	40 20.90	
MME	1.94	318	P	39 56.40	0.6
PGF	2.60	266	Pn	40 04.90	-0.2
			Sn	40 37.30	
RIY	2.91	27	iPn	40 10.80	1.4
			iSn	40 45.30	
HVAR	2.92	81	iPn	40 09.50	-0.1
BOB	2.98	313	P	40 11.50	1.0
SGO	3.05	136	P	40 11.40	0.1
TRI	3.07	17	e(Pn)	40 10.50	-1.2
			e(PgPg)	40 22.10	
			e(Sn)	40 46.50	
			e(Sg)	40 57.20	
CTI	3.33	350	P	40 15.50	-0.1
VBY	3.38	35	ePn	40 20.50	4.5X
			i	40 27.00	
VOY	3.41	16	ePn	40 20.80	4.2X
			eSn	40 56.50	
LJU	3.58	23	e(Pn)	40 29.00	10.1X
			eSn	41 02.00	
MDI	3.62	327	P	40 19.50	0.1
RBL	3.75	11	P	40 20.10	-1.3
			eSn	41 02.00	
SBF	3.86	288	Pn	40 22.20	-0.8
ZAG	3.94	38	eP	40 40.00	16.0X
PTJ	3.99	37	e(Pn)	40 38.50	13.7X
KBA	4.35	8	iPnc	40 29.80	-0.2
			iSn	41 18.80	
FRF	4.36	282	Pn	40 28.80	-1.2
LMR	4.43	279	Pn	40 29.30	-1.7
WTTA	4.54	352	iPnd	40 33.50	0.8
			iSn	41 26.00	
LRG	4.55	281	Pn	40 31.80	-0.9
LPG	4.96	305	Pn	40 38.30	-0.5
LPL	4.98	305	Pn	40 38.50	-0.5
GEC2	6.13	7	Pn	41 05.20	10.1X

KHC	6.41	6	ePn	41 00.00	1.0
			e	41 15.00	
			e	41 51.60	
			eSg	42 09.50	
BSF	6.47	323	Pn	40 58.20	-1.7
			Sn	42 11.90	
CDF	6.73	329	Pn	41 01.90	-1.7
			Sn	42 17.30	
HAU	6.80	323	Pn	41 03.40	-1.0
			Sn	42 19.90	

S.D. = 1.1 on 40 of 46 obs.

DEC 01, 1992 19h 41m 35.71±0.18s
 44.535 N ± 1.6km 6.903 E ± 2.2km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 3.0 (LDG), 2.6 (GEN).

PZZ	0.15	102	Pc	41 39.91	0.7
			S	41 43.02	
RRL	0.39	348	Pd	41 43.34	-0.5
			S	41 48.88	
BHB	0.40	40	Pc	41 44.00	0.1
			S	41 50.32	
STV	0.42	134	Pc	41 44.13	-0.2
			S	41 50.51	
ENR	0.48	130	Pc	41 45.25	-0.3
			S	41 52.67	
TOUF	0.58	154	Pg	41 47.27	-0.3
			Sg	41 55.89	
AUTN	0.66	145	Pg	41 48.79	-0.2
			Sg	41 58.84	
MVIF	0.66	164	Pg	41 48.92	-0.1
			Sg	41 58.19	
RSP	0.67	22	Pc	41 48.83	-0.2
			S	41 58.34	
AURF	0.72	155	Pg	41 49.63	-0.3
			Sg	42 00.06	
SAOF	0.72	139	Pg	41 49.65	-0.3
			Sg	42 00.60	
ROB	0.73	109	Pc	41 50.34	0.2
			S	42 00.90	
SBF	0.77	150	Pg	41 51.00	0.2
			Sg	42 01.36	
CALN	0.78	181	Pg	41 51.41	0.3
REVF	0.86	157	Pg	41 53.36	1.0
LSD	0.94	11	P	41 53.58	-0.2
			S	42 06.23	
IMI	0.95	131	Pc	41 53.86	0.1
			S	42 06.60	
LPG	0.97	354	Pg	41 54.10	-0.2
			Sg	42 07.50	
LPL	0.99	353	Pg	41 54.50	-0.1
			Sg	42 08.30	
FIN	0.99	109	Pc	41 54.69	0.2
			S	42 08.49	
FRF	0.99	191	Pg	41 54.20	-0.3
			Sg	42 08.10	
LRG	1.15	200	Pn	41 56.80	-0.4
			Pg	41 58.30	
			Sg	42 13.40	
PCP	1.17	89	Pc	41 58.04	0.4
			S	42 13.92	
LMR	1.23	193	Pg	41 59.10	0.5
			Sg	42 16.70	
ORX	1.34	34	P	41 59.53	-0.9
PGF	2.50	142	Pn	42 16.52	-0.7
SMF	3.01	316	Pn	42 24.30	0.0
			Pg	42 33.10	
			Sg	43 10.20	
LBF	3.19	321	Pn	42 27.30	0.4
			Sn	43 03.70	
			Sg	43 18.20	
BSF	3.30	359	Pn	42 29.80	1.3
AVF	3.36	313	Pn	42 29.50	0.2
			Sg	43 22.30	
LOR	3.46	323	Pn	42 31.10	0.4
			Sn	43 10.60	
SSF	3.47	318	Pn	42 30.10	-0.7
			Sn	43 09.40	
CAF	3.47	278	Pn	42 29.80	-1.1
			Sg	43 26.10	
MAF	3.49	300	Pn	42 32.00	0.9
			Sg	43 26.80	
HAU	3.49	354	Pn	42 31.50	0.3
BGF	3.49	307	Pn	42 31.30	0.1

Sg 43 25.20
TCF 3.74 300 Pn 42 34.90 0.1
CDF 3.89 4 Pn 42 36.50 -0.3
S.D. = 0.5 on 38 of 38 obs.

DEC 01, 1992 20h 00m 01.94 ± 0.31s
44.539 N ± 1.9km 6.889 E ± 3.3km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 3.0 (STR), 2.4 (LDG), 2.3 (GEN).

PZZ 0.16 103 P 00 06.29 0.6
RRL 0.39 349 P 00 09.31 0.1
BHB 0.40 41 P 00 10.45 0.2
STV 0.43 133 P 00 10.50 -0.2
ENR 0.49 129 P 00 12.14 0.2
TOUF 0.59 154 Pg 00 13.44 -0.5
RSP 0.67 23 P 00 15.39 0.1
MVIF 0.67 163 Pg 00 15.59 0.2
AURF 0.72 154 Pg 00 16.34 0.1
SAOF 0.73 139 Pg 00 16.28 0.0
ROB 0.74 109 P 00 16.68 0.1
SBF 0.78 150 Pg 00 17.45 0.2
CALN 0.79 180 Pg 00 17.84 0.5
LSD 0.94 12 P 00 19.60 -0.4
IMI 0.96 131 P 00 20.24 0.1
LPG 0.96 354 Pg 00 20.60 0.1
LPL 0.98 354 Pg 00 20.80 0.0
FRF 0.99 190 Pg 00 20.60 -0.2
FIN 1.00 109 P 00 20.24 -0.7
LRG 1.15 200 Pg 00 23.20 -0.2
PCP 1.18 89 P 00 24.32 0.2
LMR 1.24 193 Pg 00 25.40 0.5
PGF 2.51 142 Pn 00 42.65 -0.9
S.D. = 0.4 on 23 of 23 obs.

? DEC 01, 1992 20h 46m 46.51 ± 5.37s
36.337 N ± 45.1km 3.586 E ± 11.0km
DEPTH = 10.0km (geophysicist)

NORTHERN ALGERIA (396)
ECHE 4.85 313 eP 48 00.80 -0.5
ETER 5.98 355 iP 47 40.50 -36.7X
EPF 7.14 340 Pn 48 34.80 1.3
LMR 7.34 17 Pn 48 35.80 -0.5
LRG 7.42 16 Pn 48 37.30 -0.1
PGF 7.48 32 Pn 48 39.10 0.7
FRF 7.59 17 Pn 48 38.90 -0.9
SBF 8.07 20 Pn 48 47.40 0.8
CAF 8.66 353 Pn 48 55.80 1.1
LPL 9.47 14 Pn 49 06.20 0.0
MAF 9.91 356 Pn 49 10.90 -1.0
TCF 10.00 354 Pn 49 13.90 0.7
LSF 10.02 352 Pn 49 13.80 0.3
BGF 10.23 357 Pn 49 15.70 -0.6
SMF 10.30 1 Pn 49 17.50 0.2
AVF 10.45 359 Pn 49 18.10 -1.2
LBF 10.64 1 Pn 49 21.70 -0.4
SSF 10.72 360 Pn 49 23.90 0.9
LOR 10.93 1 Pn 49 25.00 -0.9
S.D. = 0.8 on 18 of 19 obs.

& DEC 01, 1992 21h 30m 43.53s
36.849 N 121.582 W

DEPTH = 5.9km
CENTRAL CALIFORNIA (39)
<GM-P>. MD 2.9 (GM). ML 2.8 (GS).

COE 0.41 350 iPc 30 52.89 1.0
ARN 0.50 5 iPd 30 54.10 0.5
JEGM 0.97 314 (Pn) 30 56.78 -5.5
HMR 1.31 352 (Pn) 31 07.26 -0.9
PKEM 1.42 123 (P) 31 08.59 -1.4
CMB 1.52 38 eP 31 10.44 -0.9
NTYM 1.76 331 ePn 31 11.32 -3.4
BCH 2.06 143 ePn 31 15.14 -4.0
MMPM 2.18 69 eP 31 22.25 1.1
MEMM 2.26 68 (P) 31 25.04 3.0
MTUM 2.47 77 eP 31 25.20 0.1
MRCM 2.59 71 eP 31 29.29 2.4
ORV 2.70 1 eP 31 24.24 -4.1
ISA 2.78 114 ePn 31 28.19 -1.3
BONR 2.84 66 ePn 31 30.97 0.5
GSC 4.17 110 (P) 31 48.92 -0.2
16 obs. associated

* DEC 01, 1992 21h 32m 49.05 ± 1.43s
51.290 N ± 13.7km 15.774 E ± 6.8km
DEPTH = 5.0km (geophysicist)
POLAND (548)
ML 3.6 (GRF), 3.2 (VIE).

KSP 0.55 144 iPd 32 59.00 -1.1
BRG 1.23 251 iPg 33 14.10 1.8
PRU 1.52 212 Pn 33 17.30 0.4
CLL 1.74 272 iPn 33 18.50 -1.6
VRAC 2.05 165 ePn 33 24.50 -0.1
KHC 2.58 214 Pn 33 31.90 -0.3
HOF 2.66 250 ePn 33 32.60 -0.7
MOX 2.71 258 ePg 33 41.50 7.5X
OJC 2.77 111 eP 33 36.10 1.2
GEC2 2.79 209 Pn 33 35.80 0.5
WET 2.84 222 ePn 33 36.30 0.4
VKA 3.05 173 iPg 33 47.40 8.6X
ZST 3.21 164 eP 34 31.70 50.5X
GRF 3.32 243 ePn 33 42.60 -0.1
KBA 4.51 202 iPnd 33 59.30 -0.4
S.D. = 1.0 on 12 of 15 obs.

? DEC 01, 1992 22h 30m 46.58 ± 5.19s
31.591 S ± 21.5km 72.441 W ± 43.6km
DEPTH = 149.6 ± 36.9 km
OFF COAST OF CENTRAL CHILE (134)

IHA 1.58 155 eP 31 16.50 -0.8
RTCB 3.11 89 iPd 31 36.00 0.0
ZON 3.21 90 eP 31 38.00 0.7
MDZ 3.30 114 iS 32 22.30 0.3
RTLL 3.40 87 ePd 31 40.00 0.0
CFA 3.59 91 ePd 31 42.10 0.0

RFA 4.60 135 e(P) 31 57.00 1
RTPR 5.25 77 e(P)d 32 04.30 0.0
MRA 5.78 100 ePd 32 10.60 -0.6
CYA 6.56 63 eP 32 22.50 0.6
TCA 6.71 90 e(P) 32 22.10 -1.8
FSA 7.87 47 e(P) 32 46.00 6.7X
S.D. = 1.1 on 10 of 12 obs.

DEC 01, 1992 22h 57m 11.67 ± 0.49s
36.074 N ± 5.3km 22.296 E ± 3.5km
DEPTH = 33.0km (normal)
4.7mb (14 obs.)
SOUTHERN GREECE (368)
ML 4.1 (TIR), 4.0 (ATH).

VLI 0.83 39 ePb 57 25.50 -1.4
ATH 2.21 31 ePb 57 48.00 1.3
VLS 2.50 328 ePn 57 53.60 2.6
NPS 2.82 106 ePn 57 56.50 1.1
AGG 2.94 1 ePn 58 01.46 4.3X
IGT 3.79 336 ePn 58 11.78 2.7
PAIG 4.00 15 ePn 58 13.70 1.6
LIT 4.02 2 iPn 58 15.34 2.8X
KEK 4.13 332 ePn 58 15.80 1.7
SRN 4.21 335 iPnc 58 16.60 1.5
KZN 4.25 355 ePn 58 17.80 2.1
OUR 4.46 17 ePn 58 20.06 1.4
PRK 4.47 44 ePn 58 18.50 -0.3
THE 4.58 6 ePn 58 21.94 1.5
TPE 4.58 338 iPnc 58 21.00 0.6
IZM 4.59 58 eP 58 20.00 -0.6
FNA 4.76 352 ePn 58 25.30 2.4
SOH 4.81 10 iPn 58 26.42 2.7
GRG 4.88 1 ePn 58 26.58 2.0
VLO 4.91 334 ePn 58 25.60 0.6
EZN 4.92 39 eP 58 25.40 0.3
YER 4.93 76 eP 58 27.00 1.5
KNT 5.10 5 iPn 58 30.50 2.7
SRS 5.14 11 ePn 58 30.18 1.9
OHR 5.16 347 iPn 58 29.70 1.0
VAY 5.24 2 iPn 58 30.50 0.7
SOI 5.37 294 P 58 32.00 0.4
GRI 5.42 302 P 58 32.68 0.4
GMB 5.55 294 P 58 35.20 1.0
TIR 5.60 341 ePn 58 35.50 0.8
ALN 5.64 30 ePn 58 35.98 0.6
MSI 5.79 294 P 58 38.60 1.1
ATN 5.84 293 P 58 38.70 0.4
LACI 5.91 341 iPnc 58 39.00 -0.2
TDS 5.92 309 P 58 40.10 0.8
SKO 5.93 354 iPn 58 39.30 -0.1
MEU 6.01 282 P 58 41.30 0.5
DST 6.13 53 eP 58 39.00 -3.3X
ELL 6.18 82 eP 58 43.50 0.4
KHL 6.19 67 eP 58 46.00 2.7
BRT 6.24 322 P 58 43.50 -0.4
ULC 6.34 339 iPnd 58 44.28 -1.0
SDA 6.35 341 ePn 58 44.50 -0.9
BCI 6.52 345 ePn 58 48.00 0.3
BAI 6.59 321 P 58 47.50 -1.2
MGR 6.69 309 P 58 50.50 0.4
PVY 6.76 345 iPnd 58 51.11 -0.1
BDV 6.76 338 iPnc 58 49.82 -1.3
TTG 6.77 341 iPnd 58 49.97 -1.2

SGO	4.71	305	P	eSn	01	11.00		
	S.D. = 1.0		on		00	24.50	0.4	
DEC 02, 1992 01h 36m 12.13± 0.66s								
38.942 N ± 6.2km 21.097 E ± 5.2km								
DEPTH = 10.0km (geophysicist)								
GREECE (364)								
IGT	0.84	315	ePg		36	27.96	-0.3	
			eSg		36	41.88		
VLS	0.86	208	eP		36	28.70	0.0	
			eS		36	43.50		
AGG	0.96	85	ePg		36	30.36	-0.1	
			eSg		36	45.64		
KEK	1.27	308	eP		36	36.00	0.3	
KZN	1.46	21	eP		36	36.70	-1.9	
LIT	1.58	43	ePb		36	40.60	0.3	
			eSb		37	02.48		
FNA	1.85	7	ePn		36	45.32	1.1	
OHR	2.18	354	iPn		36	48.20	-0.8	
GRG	2.25	26	ePn		36	50.00	0.1	
SOH	2.56	42	ePn		36	55.00	0.7	
			eSn		37	26.40		
KNT	2.61	31	ePn		36	54.68	-0.4	
OUR	2.63	57	ePn		36	55.28	0.0	
SRS	2.90	41	ePn		36	59.24	0.1	
SKO	3.04	5	ePn		37	02.00	0.9	
S.D. = 0.8 on 14 of 14 obs.								
& DEC 02, 1992 02h 10m 25.78s								
34.307 N 116.851 W								
DEPTH = 1.6km								
SOUTHERN CALIFORNIA (43)								
<PAS-P>. ML 2.9 (PAS).								
PEC	0.49	212	ePd		10	35.08	-0.4	
SSK	0.70	262	ePc		10	39.12	-0.7	
			S		10	48.64		
PLM	0.95	181	iPd		10	43.62	-1.2	
			eS		10	56.61		
GSC	0.99	2	ePd		10	44.38	-1.1	
ISA	1.90	316	ePn		10	57.60	-2.0	
ABL	2.03	286	ePn		10	59.90	-1.8	
GLA	2.10	126	eP		11	00.42	-2.1	
BCH	2.80	289	ePn		11	10.17	-2.5	
BONR	3.83	343	(Pn)		11	26.78	-0.6	
			ePg		11	38.68		
ARUT	4.44	38	ePn		11	34.50	-1.4	
ARN	4.87	310	(P)		11	39.68	-2.2	
11 obs. associated								
DEC 02, 1992 02h 11m 49.53± 0.74s								
42.867 N ± 5.8km 18.388 E ± 5.8km								
DEPTH = 10.0km (geophysicist)								
NORTHWESTERN BALKAN REGION (383)								
ML 2.1 (TTG).								
BRY	0.12	73	iPgc		11	52.90	0.3	
			iSg		11	55.49		
HCY	0.43	169	iPg d		11	58.08	-0.2	
			iSg		12	05.03		
NKY	0.45	97	iPg d		11	58.63	-0.1	
			iSg		12	06.26		
BDV	0.67	151	iPgc		12	02.53	-0.3	
			iSg		12	13.11		
TTG	0.78	124	iPgc		12	04.80	0.1	
			iSg		12	16.99		
PLE	0.87	58	iPg d		12	06.09	-0.3	
			iSg		12	19.28		
ULC	1.11	144	iPgc		12	10.65	0.4	
			iSg		12	27.51		
HVAR	1.46	283	ePn		12	15.90	0.0	
			iSn		12	36.60		
S.D. = 0.3 on 8 of 8 obs.								
* DEC 02, 1992 04h 24m 54.13± 0.68s								
24.078 S ± 8.3km 66.825 W ± 10.7km								
DEPTH = 225.1 ± 9.9 km								
SALTA PROVINCE, ARGENTINA (129)								
SLA	1.38	118	iPd		25	29.30	-0.3	
			S		25	55.40		
FSA	2.13	160	iP		25	36.30		

CNCB 7.31 351 iPc 26 40.10 0.3
S 28 03.00
TCA 7.50 165 iP 26 41.20 -0.5
LPB 7.60 351 iP 26 48.20 4.8X
S 28 09.00
ZOBO 7.85 351 P 26 46.80 0.0
S 28 14.00
ARE 8.75 329 eP 26 56.00 -2.3
eS 28 29.00
SIV 9.69 35 eP 27 12.00 1.9
VAO 18.24 91 eP 28 52.80 -0.5
e 28 54.40
BAO 19.59 68 Pc 29 07.90 0.7
e 29 13.30
e 29 17.50
BDF 19.65 68 e(P) 29 07.00 -0.8
e 29 08.00
KIC 67.62 72 P 35 29.40 0.4
S.D. = 1.2 on 13 of 14 obs.

DEC 02, 1992 04h 33m 37.43±1.89s
41.715 N ± 7.2km 126.205 W ± 18.2km
DEPTH = 10.0km (geophysicist)
OFF COAST OF NORTHERN CALIFORNIA(34)
MD 3.4 (GM).

FHC 1.91 118 ePd 34 11.02 0.7
eS 34 31.85
KMPM 2.04 129 eP 34 13.27 1.0
eS 34 37.37
LGPM 2.67 106 ePd 34 21.57 0.2
eS 34 51.16
WDC 2.99 111 ePn 34 26.64 0.9
eS 34 59.76
LBFM 3.26 95 (Pn) 34 29.91 0.1
ePg 34 31.63
LMEM 3.69 107 eP 34 37.79 1.8
ORV 4.18 120 ePn 34 40.05 -2.6
ePg 34 44.13
eSn 35 22.89
eSg 35 31.17
KMOR 4.39 26 P 34 45.23 -0.4
BPO 4.42 47 P 34 46.45 0.2
GT2 4.48 38 P 34 47.06 0.2
PGO 4.64 35 P 34 49.57 0.5
NLO 4.80 24 P 34 52.30 0.7
VLL 4.98 40 P 34 54.86 0.7
RVW 5.09 28 P 34 56.39 0.9
LVP 5.14 31 P 34 56.20 -0.2
MTMW 5.19 32 P 34 56.32 -0.7
BMW 5.22 23 P 34 57.32 -0.1
JLK 5.31 32 P 34 58.07 -0.7
SHW 5.31 31 (P) 34 58.92 0.1
HSR 5.32 32 P 34 58.88 -0.1
CDFW 5.33 33 P 34 58.31 -0.6
YEL 5.35 31 P 34 59.85 0.5
ESD 5.35 32 P 34 59.45 0.0
SOSW 5.39 32 P 34 59.65 -0.2
CZM 5.42 28 P 35 00.59 0.4
VGB 5.47 44 eP 35 01.37 0.3
eS 36 01.14

ASR 5.54 35 P 35 02.00 -0.1
KOSW 5.56 30 P 35 02.49 0.3
LMW 5.69 28 P 35 04.83 0.7
CPW 5.70 22 P 35 04.56 0.4
GLK 5.87 33 P 35 06.39 -0.2
LON 5.94 31 eP 35 06.91 -0.7
JBO 5.95 49 P 35 06.93 -0.8
GHW 6.02 27 P 35 09.14 0.5
RVC 6.04 29 P 35 09.47 0.4
FMW 6.14 30 P 35 10.38 -0.2
GMW 6.32 22 (P) 35 12.06 -0.9
HDW 6.34 20 P 35 13.05 -0.2
TBM 6.77 34 P 35 19.36 0.1
HTW 6.86 26 P 35 20.14 -0.3
JCW 7.15 24 P 35 24.40 -0.2
ETW 7.22 33 P 35 25.47 -0.2
CMW 7.30 22 P 35 26.88 0.1
RPW 7.51 25 P 35 29.20 -0.4
MBW 7.69 22 P 35 32.33 0.3
MSU 11.21 102 (P) 36 18.69 -2.3
S.D. = 0.8 on 46 of 46 obs.

? DEC 02, 1992 04h 52m 09.19±5.98s
19.947 S ± 57.6km 69.676 W ± 33.5km
DEPTH = 200.6 ± 38.9 km
4.3mb (1 obs.)

NORTHERN CHILE (123)

CNCB 3.51 28 iPd 53 05.10 -1.0
LPB 3.71 24 iPd 53 09.00 0.6
ANT 3.80 190 eP 53 24.50 15.5X
ARE 3.87 333 iP 53 20.40 10.1X
iS 54 05.50
ZOBO 3.92 22 iPd 53 11.40 0.2
CCH 4.21 53 iPd 53 07.10 -7.4X
SLA 6.13 142 ePc 53 43.80 4.7X
SIV 9.08 66 P 54 18.00 0.5
NNA 10.49 318 eP 54 49.50 13.7X
0.5s 5.63nm
eS 56 50.00
BAO 21.08 82 Pc 56 38.40 -0.6
BDF 21.16 82 Pc 56 39.90 0.1
VAO 21.35 102 eP 56 41.70 0.2
KIC 68.97 75 P 03 00.00 5.0X
0.5s 3.50nm 4.3mb
SES 78.97 334 eP 03 52.00 0.1
S.D. = 0.7 on 8 of 14 obs.

? DEC 02, 1992 05h 34m 55.32±5.83s
15.695 N ± 53.0km 97.407 W ± 18.0km
DEPTH = 33.0km (normal)

NEAR COAST OF OAXACA, MEXICO (66)

VHO 1.51 25 (P) 35 20.50 -0.1
iS 35 35.00
OXX 1.53 25 iP 35 20.50 -0.3
iS 35 35.50
ACX 2.63 297 eP 35 36.50 0.1
(S) 36 13.00
IISM 3.28 0 (P) 35 49.00 3.5X
III 3.32 324 eP 35 45.00 -1.3
(S) 36 14.00
PPM 3.55 341 eP 35 51.00 1.1
(S) 36 34.00
UNM 3.99 335 (P) 36 13.00 17.0X
S.D. = 1.2 on 5 of 7 obs.

& DEC 02, 1992 05h 42m 06.22s
34.356 N 116.901 W
DEPTH = 4.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS), 2.9 (GS).
Felt.

PEC 0.51 205 eP 42 15.74 -0.7
SSK 0.67 258 iPc 42 18.75 -0.9
S 42 27.58
GSC 0.95 5 iPc 42 23.89 -0.9
PLM 1.00 178 ePd 42 24.56 -1.3
eS 42 37.82
ISA 1.83 316 ePn 42 36.94 -1.8
ABL 1.98 285 ePn 42 40.04 -0.9
GLA 2.16 126 eP 42 41.40 -2.1
BCH 2.75 288 ePn 42 51.10 -0.8
MTUM 3.28 336 (Pn) 43 00.36 0.8
MEMM 3.69 334 (Pn) 43 05.44 0.2
TNP 3.73 356 ePn 43 05.52 -0.4
80NR 3.77 343 ePn 43 07.43 0.9
CMB 4.63 324 Pg 43 39.74 21.2
13 obs. associated

? DEC 02, 1992 05h 45m 36.92±2.26s
52.995 N ± 42.0km 159.592 E ± 29.5km
DEPTH = 33.0km (normal)
4.7mb (15 obs.)

OFF EAST COAST OF KAMCHATKA (219)

YKA 43.44 42 eP 53 36.60 -1.2
0.7s 1.10nm 3.7mb
GUN 58.60 276 P 55 33.30 0.0
KKN 59.05 276 P 55 35.20 -1.0
PKI 59.13 276 P 55 36.60 -0.3
GKN 59.28 277 P 55 37.20 -0.5
DMN 59.29 276 P 55 38.50 0.6
NAO 63.82 344 P 56 05.80 -1.8
0.6s 1.50nm 4.3mb
HFS 63.95 342 eP 56 06.20 -2.3
0.4s 2.60nm 4.7mb
GEC2 74.49 337 eP 57 13.20 -0.3
0.4s 1.19nm 4.2mb
CDF 76.27 341 eP 57 23.60 0.0
0.7s 3.75nm 4.5mb
LOR 77.99 343 eP 57 33.00 -0.1

AVF 0.7s 4.85nm 4.6mb
78.54 344 eP 57 36.30 0.2
0.8s 7.50nm 4.8mb
BGF 78.85 344 eP 57 38.80 1.0
0.7s 6.70nm 4.8mb
LPL 79.15 341 iPc 57 40.80 1.1
0.6s 5.25nm 4.7mb
LPG 79.16 341 iPc 57 41.00 1.1
0.8s 9.00nm 4.8mb
TCF 79.22 344 eP 57 40.00 0.2
0.8s 7.00nm 4.7mb
MAF 79.23 344 iPc 57 40.40 0.6
0.9s 11.95nm 4.9mb
CAF 80.57 344 eP 57 48.00 0.9
0.7s 4.50nm 4.6mb
SBF 80.59 340 eP 57 48.30 1.0
0.8s 16.80nm 5.1mb
LPO 80.95 345 eP 57 49.80 0.8
0.8s 7.95nm 4.8mb
S.D. = 1.0 on 20 of 20 obs.

* DEC 02, 1992 07h 12m 11.22±3.55s
30.366 N ± 30.7km 116.382 W ± 11.7km
DEPTH = 5.0km (geophysicist)
4.2mb (1 obs.)
BAJA CALIFORNIA, MEXICO (48)
ML 4.1 (GS).

GLA 2.99 26 ePnd 12 58.50 -1.7
PLM 3.01 352 ePn 13 00.00 -0.6
PEC 3.58 350 ePnd 13 08.30 -0.2
eS 13 54.38
SSK 3.99 344 ePn 13 13.94 -0.6
eS 14 08.29
GSC 4.93 356 ePn 13 27.65 -0.2
TUC 5.17 67 ePn 13 30.74 -0.4
ISA 5.57 342 ePn 13 36.00 -0.8
BCH 5.73 328 ePn 13 38.80 -0.3
MEMM 7.58 344 eP 14 06.76 1.7
BONR 7.74 349 eP 14 08.70 1.2
ARUT 7.79 17 (P) 14 08.85 0.6
MSU 8.84 22 eP 14 25.26 2.5X
ALQ 9.53 59 eP 14 32.46 0.2
SRU 9.96 27 (P) 14 37.93 -0.4
PV10 10.03 35 eP 14 38.81 -0.5
PV09 10.08 34 eP 14 41.12 1.1
PV08 10.38 36 eP 14 45.14 1.0
8W06 13.54 22 (P) 15 30.24 3.6X
1.0s 2.96nm 4.2mb
S.D. = 1.0 on 16 of 18 obs.

DEC 02, 1992 07h 22m 03.57±0.51s
31.688 S ± 5.2km 67.864 W ± 6.1km
DEPTH = 43.8 ± 6.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.33 284 iPc 22 11.00 -1.5
S 25 28.40
RTLL 0.63 304 iPc 22 11.00 -5.3X
ZON 0.71 281 iPd 22 17.50 0.1
MDZ 1.46 215 iP 22 31.50 3.6X
iS 22 52.40
RTPR 1.80 40 ePc 22 33.10 0.4
MRA 1.97 112 ePd 22 35.80 0.8
TCA 2.82 84 iP 22 46.80 -0.5
RFA 3.12 189 e(P) 22 52.30 0.8
IHA 3.46 246 iPc 23 05.40 9.0X
i 23 12.60
i 23 25.40
iS 23 52.20
FSA 5.81 17 iP 23 30.00 0.5
(S) 24 56.50
SLA 7.24 17 ePc 23 49.60 -0.1
ANT 8.27 344 eP 24 04.00 0.2
YJA 9.71 13 iPd 24 24.20 0.1
CCH 14.33 7 eP 25 32.00 6.2X
CNCB 14.81 360 P 25 32.00 -0.4
LPB 15.09 359 eP 25 38.00 2.1X
ZOBO 15.33 359 P 25 39.00 -0.3
Z 18s 0.14um
LR 32 04.00
ARE 15.51 347 eP 25 43.00 1.7
SIV 16.81 23 P 26 03.00 5.6X
BAO 24.15 53 e(P) 27 06.00 -10.9X
e 27 14.00
e 27 21.90
e 27 27.00

02d 07h

e 35 04.00
 e 35 17.10
 e 35 26.70
 e 35 41.20
 e 35 50.50
 e 36 07.00
 e 36 23.50
 LIC 70.69 70 P 33 16.40 -0.8
 TIC 70.95 69 P 33 18.00 -0.8
 KIC 71.00 70 P 33 18.20 -0.9
 WB2 124.42 206 ePKP 41 00.10 0.1
 0.4s 5.00nm
 WRA 124.42 206 PKP 41 00.60 0.6
 0.6s 1.80nm
 S.D. = 0.8 on 18 of 25 obs.

& DEC 02, 1992 08h 14m 57.90s
 34.900 N 97.540 W
 DEPTH = 5.0km (geophysicist)
 OKLAHOMA (499)
 <TUL>. mbLg 1.8 (TUL).

TUL 1.75 54 Pn 15 28.58 -0.5
 eSn 15 52.10
 LNO 1.75 54 Pn 15 27.73 -1.3
 Sn 15 52.17
 LNO2 1.75 54 Pn 15 27.63 -1.4
 Sn 15 52.23
 RLO 2.41 58 Pn 15 37.28 -1.4
 Sn 16 08.13
 BUTX 3.20 177 Pn 15 46.08 -3.8
 Sn 16 24.26
 5 obs. associated

? DEC 02, 1992 10h 05m 07.65±1.57s
 9.860 S ±26.2km 110.848 W ±26.8km
 DEPTH = 10.0km (geophysicist)
 4.6mb (4 obs.) 4.7Msz (9 obs.)
 CENTRAL EAST PACIFIC RISE (694)

TUC 41.93 0 eP 12 59.26 -1.0
 1.3s 6.98nm 4.2mb
 Z 19s 1.15um 4.8Msz
 ZOBO 42.04 103 P 13 03.80 1.8
 Z 20s 0.15um 3.9Msz
 LR 24 26.00
 LPB 42.08 104 eP 13 00.00 -2.2
 CNCB 42.21 104 P 13 04.00 0.6
 GLA 42.84 355 eP 13 07.82 0.1
 PLM 43.35 353 eP 13 12.17 0.2
 PEC 43.92 352 eP 13 17.26 0.8
 1.9s 32.28nm 4.8mb
 CCH 44.00 105 eP 13 15.00 -2.7
 ALO 44.75 5 P 13 30.00 6.7X
 Z 22s 0.77um 4.6Msz
 GSC 45.27 353 (P) 13 27.67 0.3
 BCH 45.64 349 eP 13 31.56 1.2
 ISA 45.84 351 P 13 40.00 8.1X
 Z 19s 1.10um 4.8Msz
 ARUT 47.46 357 eP 13 45.07 0.4
 TNP 48.06 353 (P) 13 48.87 -0.6
 1.2s 16.88nm 5.0mb
 BONR 48.07 352 eP 13 50.31 0.6
 CMB 48.47 350 P 14 00.00 7.5X
 Z 20s 1.15um 4.9Msz
 OLY 48.69 21 (P) 13 48.49 -5.6X
 SRU 48.72 0 eP 13 53.29 -1.2
 SIV 48.80 103 eP 13 58.00 2.6
 GOL 49.57 6 P 14 10.00 8.9X
 Z 20s 1.20um 4.9Msz
 GLD 49.63 6 P 14 10.00 8.5X
 Z 20s 1.13um 4.9Msz
 DUG 49.83 358 eP 14 02.19 -0.8
 1.1s 4.64nm 4.4mb
 MHA 53.45 304 (P) 14 30.29 -0.1
 HON 55.72 304 P 15 00.00 13.0X
 Z 20s 0.49um 4.6Msz
 SES 60.00 360 eP 15 16.00 -0.7
 RSNY 63.33 28 P 15 40.00 0.8
 Z 19s 0.15um 4.2Msz
 MAIO 152.26 17 ePKP 25 15.00 16.2X
 S.D. = 1.4 on 19 of 27 obs.

? DEC 02, 1992 10h 25m 52.50±3.35s
 39.722 N ±27.1km 21.971 E ±14.7km
 DEPTH = 5.0km (geophysicist)
 GREECE (364)

LIT 0.55 46 iP 26 15.04 11.5X
 FNA 1.15 337 eP 26 12.96 -1.6
 GRG 1.28 15 eP 26 16.36 -0.3
 IGT 1.28 262 iP 26 36.66 20.0X
 PAIG 1.33 81 eP 26 16.98 -0.6
 KNT 1.60 26 eP 26 22.40 0.8
 OHR 1.65 328 iPn 26 23.30 1.0
 OUR 1.66 68 eP 26 19.33 -3.0X
 VAY 1.66 16 ePn 26 23.00 0.6
 SKO 2.28 350 ePn 26 53.50 22.1X
 S.D. = 1.3 on 6 of 10 obs.

% DEC 02, 1992 11h 18m 46.48±0.90s
 39.081 N ±7.7km 27.666 E ±9.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 2.8 (ISK).

IZM 0.75 205 eP 19 01.30 0.1
 eSg 19 14.30
 DST 0.91 55 iPn 19 03.60 -0.4
 EDC 1.27 7 ePn 19 10.00 -0.1
 EZN 1.28 306 ePn 19 10.00 -0.2
 KCT 1.28 24 iPn 19 10.00 0.5
 S.D. = 0.5 on 5 of 5 obs.

& DEC 02, 1992 12h 38m 43.33s
 34.420 N 116.484 W
 DEPTH = 5.9km

SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS), 2.7 (GS).

PEC 0.77 227 ePc 38 57.20 -1.5
 S 39 06.54
 GSC 0.92 343 ePd 39 00.15 -1.2
 S 39 12.82
 SSK 1.02 259 ePc 39 01.78 -1.4
 S 39 16.83
 PLM 1.11 197 ePd 39 03.46 -1.2
 S 39 18.02
 GLA 1.94 134 ePn 39 13.84 -3.4
 eS 39 42.57
 ISA 2.05 308 ePn 39 17.79 -1.0
 ePg 39 20.44
 ABL 2.30 282 ePn 39 19.92 -2.6
 BCH 3.06 285 ePn 39 31.59 -1.6
 TNP 3.70 351 (P) 39 47.09 4.6
 BONR 3.82 338 ePn 39 44.25 0.0
 ARUT 4.17 35 ePn 39 49.47 0.4
 11 obs. associated

* DEC 02, 1992 12h 55m 57.07±0.88s
 2.220 S ±12.8km 139.585 E ±13.0km
 DEPTH = 33.0km (normal)
 4.5mb (3 obs.) 3.5Msz (1 obs.)
 NEAR NORTH COAST OF IRIAN JAYA (197)

WWKK 4.27 109 eP 57 01.10 -0.3
 MTN 13.47 218 eP 59 06.50 -1.9
 eS 01 30.00
 WB2 18.34 196 eP 00 11.70 0.9
 0.5s 11.60nm 4.3mb
 eS 03 30.90
 ASPA 22.02 194 eP 00 52.10 1.6
 0.5s 12.80nm 4.6mb
 Z 21s 0.20um 3.5Msz
 eS 04 36.40
 RMO 25.69 161 eP 01 28.70 2.7X
 0.8s 13.00nm 4.6mb
 WARB 26.88 206 eP 01 40.00 3.0X
 GUN 59.63 304 P 06 01.60 0.5
 PKI 59.90 304 P 06 08.40 5.5X
 KKN 60.09 304 P 06 04.00 0.0
 DMN 60.17 304 P 06 05.30 0.7
 GKN 60.69 304 P 06 04.60 -3.5X
 KIC 144.20 278 PKP 15 31.00 -1.4
 CNCB 146.87 126 PKP 15 43.00 5.6X
 LPB 146.92 125 (PKP) 15 45.00 7.7X
 ZOBO 147.02 125 PKP 15 44.00 6.3X
 S.D. = 1.4 on 8 of 15 obs.

% DEC 02, 1992 14h 00m 20.32±4.55s
 43.262 N ±23.9km 19.998 E ±26.0km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).

IVA 0.40 191 iPg 00 28.05 -0.4
 iSg 00 34.05
 PLE 0.45 279 iPg 00 29.18 -0.3
 iSg 00 35.36
 PVY 0.67 182 iPg 00 33.24 -0.4
 iSg 00 42.95
 NKY 0.86 239 iPg 00 36.76 -0.2
 iSg 00 48.99
 TTG 0.99 213 iPg 00 39.34 0.2
 iSg 00 53.55
 BRY 1.13 252 iPg 00 41.63 0.1
 iSg 00 57.61
 ULC 1.41 203 iPg 00 47.05 1.0
 iSg 01 07.76
 S.D. = 0.6 on 7 of 7 obs.

DEC 02, 1992 14h 02m 12.83±0.52s
 29.413 N ±9.7km 52.012 E ±5.4km
 DEPTH = 10.0km (geophysicist)
 4.5mb (8 obs.)

SOUTHERN IRAN (353)

SHI 0.50 63 eP 02 23.00 -0.1
 DHR 3.51 209 eP 03 28.00 19.5X
 eS 04 30.00
 TEH 6.33 355 eP 03 49.00 0.4
 KER 6.45 321 eP 04 23.00 32.6X
 RYD 6.71 227 eP 03 45.00 -8.9X
 eS 05 10.00
 MJMA 6.94 241 eP 03 57.00 0.8
 eS 05 23.00
 MAIO 9.31 41 eP 04 29.00 -1.2
 eS 06 22.00
 QUE 13.00 83 eP 05 28.30 7.9X
 eS 08 41.60
 AYN 14.01 272 eP 05 31.30 -2.2
 eS 08 20.00
 DHJN 14.06 216 eP 05 37.30 2.7X
 eS 08 30.00
 KAS 19.02 314 eP 06 39.00 1.7
 MLR 26.03 315 ePd 07 51.50 3.6X
 HYB 27.05 110 eP 08 01.50 4.1X
 GKN 28.60 85 P 08 12.32 0.8
 DMN 29.08 85 P 08 16.14 0.1
 KKN 29.20 85 P 08 17.08 0.1
 PKI 29.36 85 P 08 18.48 -0.1
 GUN 29.70 85 P 08 21.92 0.3
 SBF 38.10 305 eP 09 35.00 1.4
 0.7s 16.75nm 4.9mb
 LPG 38.81 307 eP 09 41.30 1.5
 0.7s 10.80nm 4.6mb
 LPL 38.82 307 eP 09 41.30 1.5
 0.9s 9.50nm 4.5mb
 HFS 40.04 331 eP 09 47.80 -1.6
 0.4s 2.10nm 4.2mb
 SMF 40.97 308 eP 09 57.40 0.1
 1.1s 21.00nm 4.8mb
 AVF 41.32 309 eP 09 59.60 -0.5
 0.9s 5.55nm 4.3mb
 NAO 41.61 331 P 10 00.40 -1.9
 0.6s 1.60nm 3.9mb
 CHG 43.86 93 eP 10 25.20 3.9X
 KMI 45.01 83 eP 10 34.00 3.3X
 KIC 58.05 258 P 12 08.10 -0.6
 TIC 58.14 259 P 12 08.80 -0.6
 LIC 58.36 258 P 12 10.60 -0.3
 YKA 87.79 354 eP 15 03.40 0.4
 0.9s 2.10nm 4.4mb
 S.D. = 1.1 on 22 of 31 obs.

DEC 02, 1992 15h 09m 54.58±0.84s
 40.400 N ±7.2km 21.216 E ±7.6km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

FNA 0.40 18 ePg 10 01.66 -1.2
 iSg 10 06.78
 OHR 0.78 336 iPg 10 10.30 0.5
 iSg 10 22.50
 LIT 1.02 107 ePg 10 13.74 -0.1
 eSg 10 30.62
 GRG 1.06 58 ePg 10 14.00 -0.6
 IGT 1.10 218 ePg 10 14.98 -0.3
 VAY 1.38 48 ePn 10 21.00 1.2
 KNT 1.49 59 ePb 10 21.78 0.4
 S.D. = 1.0 on 7 of 7 obs.

* DEC 02, 1992 15h 27m 18.58± 2.38s
42.549 N ±20.9km 0.947 E ± 5.9km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 1.5 (STR).

SALF	0.28	40	Pg	27	24.19	-0.2
			Sg	27	27.96	
ENSF	0.52	300	Pg	27	28.89	-0.2
GRBF	0.52	56	Pg	27	28.61	-0.6
LESF	0.54	27	Pg	27	29.15	-0.4
EPF	0.66	317	Pg	27	31.40	-0.3
			Sg	27	39.70	
MTHF	1.23	71	Pg	27	41.61	0.1
LPO	2.14	5	Pg	28	00.40	5.6X
			Sg	28	25.60	
CAF	2.51	18	Pn	28	01.00	1.7
			Sg	28	36.90	
RJF	2.79	8	Pg	28	11.60	7.6X
			Sg	28	45.70	

S.D. = 1.0 on 7 of 9 obs.

DEC 02, 1992 15h 27m 19.86± 1.17s
43.672 N ±10.8km 7.076 E ± 5.1km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 1.2 (STR).

CALN	0.16	301	Pg	27	23.63	0.0
REVF	0.22	72	Pg	27	24.82	0.1
MVIF	0.23	14	Pg	27	25.03	0.1
			Sg	27	29.39	
AURF	0.28	40	Pg	27	25.94	0.1
			Sg	27	30.47	
TOUF	0.36	20	Pg	27	27.34	-0.1
			Sg	27	32.83	
AUTN	0.41	38	Pg	27	28.32	0.0
			Sg	27	35.16	
SAOF	0.47	48	Pg	27	29.09	-0.3
CDR	0.95	271	eP	27	37.90	-0.1
			e	27	50.90	

S.D. = 0.2 on 8 of 8 obs.

DEC 02, 1992 18h 03m 44.01± 0.14s
61.805 N ± 1.5km 151.194 W ± 1.5km
DEPTH = 74.1 ± 1.5 km
5.5mb (119 obs.)

SOUTHERN ALASKA (2)
Felt (V) at Anchorage, Big Lake,
Cooper Landing, Skwentna,
Soldotna and Wasilla; (IV) at
Chugiak, Eagle River, Kenai,
Palmer, Sterling, Tyonek and
Willow.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 54C
Centroid Location:
Origin Time 18:03:48.3 0.3
Lat 61.91N 0.05 Lon 151.20W 0.07
Dep 72.2 4.3 Half-duration 1.3
Moment Tensor: Scale 10⁻¹⁷ Nm
Mrr=-0.17 0.05 Mtt=-0.39 0.08
Mff=0.57 0.05 Mrt=-0.39 0.04
Mrf=1.57 0.05 Mtf=0.01 0.06
Principal Axes:
T Vol=1.83 Plg=39 Azm=262
N -0.33 8 165
P -1.50 50 65
Best Double Couple: Mo=1.7*10⁻¹⁷
NP1: Strike= 41 Dip=10 Slip=-34
NP2: 164 84 -99

SUA	0.40	148	iPd	03	56.50	-0.2
			eS	04	05.59	
NCG	0.61	229	iPd	03	59.07	0.5
			eS	04	10.19	
CGLM	0.63	218	iPd	03	59.18	0.4
PWA	0.65	103	P	03	58.50	-0.3
CRP	0.71	221	iPd	03	59.59	-0.1
CP2	0.74	223	iPd	04	00.25	0.1
CUT	0.74	35	eP	04	01.25	1.4
			eS	04	13.44	
SPU	0.75	214	iPd	04	00.20	0.2
			eS	04	12.04	
CKN	0.75	220	iPd	04	00.55	0.5
~KT	0.78	219	iPd	04	00.54	0.2

BGL	0.79	227	iPd	04	00.70	0.1
CKL	0.82	222	iPd	04	01.14	0.2
BKG	0.90	215	P	04	00.60	-1.2
PMS	0.96	125	P	04	01.30	-1.3
PLRM	1.01	101	iPc	04	01.93	-1.1
			eS	04	16.41	
PMR	1.01	101	iPc	04	01.61	-1.4
NKA	1.07	181	iPd	04	05.09	1.3
GHO	1.08	91	P	04	03.50	-0.6
			S	04	19.00	
SML	1.36	89	iPc	04	06.85	-0.8
			eS	04	24.04	
KNK	1.37	106	iPc	04	06.73	-1.0
			eS	04	24.65	
RDT	1.37	206	eP	04	07.75	-0.1
HUR	1.38	31	iPd	04	09.24	1.3
SLKM	1.38	160	iPc	04	06.56	-1.4
			eS	04	23.43	
PTE	1.41	131	iPc	04	06.72	-1.5
			eS	04	24.14	
DFR	1.42	211	iPd	04	08.58	0.1
RDN	1.50	211	iPd	04	09.87	0.2
NCT	1.50	215	iPd	04	10.04	0.4
REF	1.51	210	iPd	04	10.06	0.2
RDW	1.54	211	iPd	04	10.58	0.3
RS2	1.55	210	iPd	04	10.57	0.2
RSO	1.55	210	iPd	04	10.55	0.2
RS1	1.55	210	iPd	04	10.63	0.3
MPA	1.59	145	iPc	04	09.06	-1.7
			eS	04	27.40	
TRF	1.70	14	iPd	04	13.95	1.5
KTH	1.76	4	iPd	04	15.24	2.1
SCM	1.84	87	iPc	04	13.20	-0.9
SEW	1.91	153	eP	04	13.64	-1.4
ILIM	1.93	207	ePd	04	15.09	-0.4
RND	1.94	33	iPd	04	16.31	0.8
INE	1.97	208	iPc	04	15.92	-0.2
INW	1.98	209	ePc	04	16.06	-0.1
BRLK	2.05	176	eP	04	16.67	-0.4
			eS	04	41.17	
GLI	2.18	113	ePc	04	16.13	-2.7X
MCK	2.20	27	ePd	04	20.05	1.0
KNIM	2.23	129	iPc	04	15.89	-3.6X
SVW	2.24	254	iPd	04	19.89	0.2
CNPM	2.29	181	ePd	04	18.99	-1.3
XLV	2.37	187	eP	04	21.05	-0.4
OPT	2.38	206	eP	04	21.95	0.4
TOA	2.39	81	P	04	21.70	-0.1
LTI	2.41	136	ePc	04	18.61	-3.3X
VLZ	2.43	104	iPc	04	19.83	-2.4X
PDB	2.50	217	eP	04	23.24	0.0
FID	2.51	113	eP	04	19.41	-4.0X
TTA	2.51	299	iPc	04	24.84	1.4
KLU	2.54	95	ePc	04	21.79	-2.0
			eS	04	52.18	
AUL	2.67	205	ePd	04	26.15	0.6
AUE	2.68	205	iPd	04	25.98	0.3
HIN	2.68	120	ePc	04	22.67	-3.1X
AUP	2.69	205	iPd	04	26.43	0.5
AUH	2.69	205	ePd	04	26.47	0.6
AUW	2.69	206	ePd	04	26.44	0.6
AUI	2.71	205	ePd	04	26.44	0.3
TZL	2.74	82	eP	04	26.07	-0.5
SDG	2.75	72	ePd	04	26.52	-0.2
PAX	2.91	64	ePd	04	29.01	0.0
CVA	2.92	113	ePc	04	25.62	-3.5X
NEA	2.94	18	ePd	04	29.61	0.2
THY	2.99	55	ePd	04	31.63	1.5
WRH	3.02	26	iPd	04	30.94	0.4
MCNL	3.05	212	ePc	04	30.55	-0.4
CDD	3.13	204	ePc	04	31.17	-0.9
SGAM	3.18	112	ePc	04	28.95	-3.8X
CCB	3.24	27	iPd	04	33.65	0.2
HDA	3.24	35	ePd	04	33.69	0.1
MLY	3.25	3	iPd	04	34.40	0.7
SYI	3.26	191	iPd	04	32.95	-0.8
MID	3.38	133	P	04	30.60	-4.8X
MDM	3.44	22	iPd	04	36.68	0.4
FBA	3.46	25	iPd	04	36.53	-0.1
GLB	3.54	93	eP	04	35.17	-2.7X
GLM	3.62	27	iPd	04	39.06	0.1
HMT	3.68	111	eP	04	35.60	-4.0X
DOT	3.77	57	ePd	04	40.32	-0.6
KAIM	3.81	117	eP	04	40.34	-1.2
CROM	4.03	102	eP	04	42.40	-2.3X
TMW	4.09	65	eP	04	45.09	-0.3
KDC	4.12	190	ePc	04	43.08	-2.8X

WAX	4.27	105	eP	04	44.29	-3.7X
BALM	4.32	96	eP	04	45.69	-3.1X
SNH	4.38	108	P	04	49.70	0.1
IMA	4.42	347	eP	04	50.77	0.6
PRP	4.50	32	eP	04	51.62	0.3
CYK	4.58	108	eP	04	50.13	-2.2X
YAH	4.81	103	ePc	04	52.59	-3.1X
CTGM	4.82	96	eP	04	52.85	-2.9X
FYU	5.44	26	ePd	05	04.10	-0.2
SDN	8.10	221	eP	05	38.44	-2.5X
SIT	9.37	113	eP	05	53.88	-4.5X
BRW	9.79	349	P	06	02.70	-1.4
YKA	16.97	72	eP	07	36.90	-0.7
			0.6s	64.30nm	5.0mb	
ADK	17.00	246	eP	07	39.13	1.1
			0.8s	180.60nm	5.4mb	
PGC	20.38	118	ePd	08	16.50	0.0
			0.7s	94.00nm	5.2mb	
OBC	20.59	120	P	08	19.58	0.7
MCW	20.61	117	eP	08	19.37	0.3
STW	20.67	119	P	08	19.96	0.3
OOW	20.78	120	P	08	22.10	1.3
OSD	20.92	119	P	08	22.94	0.6
MBW	20.93	115	P	08	22.73	0.3
OSR	21.06	120	P	08	24.58	0.9
BLN	21.08	118	P	08	24.53	0.8
CMW	21.12	116	P	08	24.91	0.7
HDW	21.32	119	P	08	27.03	0.7
RPW	21.36	115	P	08	26.83	0.3
JCW	21.37	116	P	08	27.48	0.8
GMW	21.52	119	eP	08	29.31	1.2
CPW	21.83	120	P	08	31.95	0.7
RMW	22.00	117	eP	08	34.37	1.4
			eP	08	49.19	65kmX
NLW	22.15	114	P	08	35.24	0.7
BMW	22.19	121	eP	08	35.95	1.1
DHW2	22.46	114	P	08	38.61	1.1
LON	22.55	118	ePc	08	40.07	1.6
SHW	22.82	120	eP	08	42.79	1.6
			eP	08	55.38	52kmX
MTMW	22.97	120	P	08	45.06	2.6X
DPW	23.24	112	eP			

	N	15s	0.55um			
			S	21	30.00	
OXX		58.61	114 (P)	13	36.00	0.4
8TO		58.99	299 eP	13	37.00	-0.9
	N	15s	0.51um			
	E	15s	0.44um			
EDR		59.11	19 eP	13	37.10	-1.3
UKR		59.11	322 iPd	13	38.00	-0.4
			iS	21	37.00	
SVE		59.14	340 ePc	13	38.50	0.0
		1.0s	100.00nm			5.9mb
			e	14	05.00	
ELO		59.35	20 ePc	13	38.80	-1.2
		1.1s	40.00nm			5.5mb
EDU		59.39	20 eP	13	38.80	-1.5
EAB		59.51	21 ePc	13	40.20	-0.9
		0.8s	106.00nm			6.0mb
EBH		59.60	20 ePc	13	40.60	-1.1
ARU		59.85	341 eP	13	42.00	-1.4
		1.0s	130.00nm			6.0mb
			e	14	01.00	
EDI		59.96	20 eP	13	42.90	-1.3
EAU		59.99	20 ePc	13	43.60	-0.8
		0.8s	93.00nm			6.0mb
EBL		60.13	20 ePc	13	45.00	-0.3
		0.8s	98.00nm			6.0mb
TIY		60.38	295 Pc	13	47.00	-0.4
						5.0Msz
	Z	18s	0.97um			
	N	11s	0.26um			
EKA		60.53	20 Pd	13	47.60	-0.5
		0.9s	90.40nm			5.9mb
BRVK		60.87	333 eP	13	49.00	-1.4
		1.2s	32.00nm			5.3mb
	Z	20s	0.34um			4.5Msz
	N	20s	0.24um			
	E	20s	0.09um			
			eS	21	58.00	
DMU		61.24	23 eP	13	51.90	-1.0
		0.9s	67.00nm			5.8mb
DMU		61.24	23 eP	14	12.80	19.9
DCN		61.70	24 iPd	13	55.40	-0.6
		0.8s	190.00nm			6.3mb
DCN		61.70	24 eP	14	15.60	19.6
		0.8s	79.00nm			
DLF		61.88	23 eP	13	56.20	-1.0
		0.8s	63.00nm			5.8mb
SSE		62.02	284 eP	14	12.00	13.6
	Z	20s	0.50um			4.7Msz
			eS	22	08.00	
MOS		62.59	354 eP	14	01.00	-0.9
			e	14	21.00	
			e	14	33.00	
OBN		63.28	355 iPc	14	05.90	-0.5
		0.9s	60.00nm			5.6mb
			eS	22	32.00	
			e	23	43.00	
GTA		64.11	305 eP	14	11.00	-1.2
		1.0s	71.00nm			5.6mb
	Z	20s	1.21um			5.1Msz
	E	10s	0.26um			
			sP	14	30.60	
			PcP	14	43.00	
			eS	22	42.50	
WMO		64.56	317 P	14	15.00	-0.1
		0.9s	7.00nm			4.6mb
	Z	16s	0.52um			4.8Msz
			pP	14	25.50	34km
			PcP	14	49.00	
			PP	16	39.00	
			ScP	18	43.00	
			PcS	18	54.00	
			S	22	49.00	
			ScS	24	00.00	
			SS	27	02.50	
MNK		64.64	1 eP	14	16.00	0.8
XAN		65.00	295 P	14	16.00	-2.0
		0.6s	12.00nm			5.0mb
LZH		65.37	301 iPc	14	20.30	-0.2
		1.2s	110.00nm			5.7mb
	Z	19s	1.04um			5.1Msz
	N					

DOU	1.4s	71.00nm	5.4mb	MAF	70.27	19 iPc	14 50.30	-0.4	PVL	75.29	3 eP	15 20.00	-0.1
		i	14 46.10		1.2s	42.85nm		5.3mb	KMI	75.38	296 Pd	15 20.50	-0.7
	66.78	17 Pc	14 29.10	WATA	70.33	12 iPd	14 50.60	-0.6		1.5s	20.00nm		4.8mb
	0.8s	30.00nm	5.3mb			i	14 51.50		PAB	75.49	26 iPc	15 22.00	0.6
BRG	67.05	10 iPc	14 30.70	PSZ	70.39	6 eP	14 52.30	0.8	VTS	75.86	4 eP	15 23.00	-0.6
	1.4s	80.00nm	5.5mb	SQTA	70.41	13 iPd	14 51.30	-0.3	LSA	76.00	307 iPc	15 26.40	1.5
		e	14 49.50		0.9s	57.70nm		5.5mb		S		25 05.00	
MOX	67.06	12 eP	14 30.30	SRO	70.41	7 iP	14 52.30	80kmX	ECHE	76.11	23 eP	15 25.81	0.9
	1.3s	109.00nm	5.6mb			i	14 52.20		SDI	76.13	12 P	15 25.00	0.0
TNS	67.14	14 iPd	14 31.30	WTTA	70.41	12 iPc	14 51.80	0.1	DUI	76.23	11 P	15 26.30	0.7
KSP	67.26	9 iP	14 31.60		0.8s	54.00nm		5.5mb	SKO	76.40	6 iP	15 27.10	0.7
	1.2s	72.00nm	5.5mb			i	14 52.20			1.4s	66.00nm		5.4mb
		e	14 50.30			iP	15 12.30	78kmX			i	15 48.00	
FLN	67.31	21 iPc	14 31.70			isP	15 19.20		KKB	76.58	4 eP	15 23.00	-4.4X
	0.8s	107.45nm	5.8mb	SOP	70.42	9 eP	14 52.00	0.5	TPT	76.58	176 iPc	15 27.70	0.1
WLF	67.41	16 iPc	14 34.00	KBA	70.76	11 iPc	14 53.40	-0.4		1.1s	90.80nm		5.6mb
HOF	67.42	12 iPc	14 33.00		0.8s	53.90nm		5.6mb	RUV	76.79	176 iPc	15 28.10	-0.6
	0.8s	27.00nm	5.2mb			i	14 54.60			0.9s	68.10nm		5.6mb
LDF	67.54	20 iPc	14 33.00			iP	15 14.50	80kmX	RZN	76.81	3 eP	15 29.00	0.1
	0.8s	86.25nm	5.7mb	RJF	71.00	20 iPc	14 54.40	-0.7	VAH	76.84	176 iPc	15 29.20	0.2
GRR	67.61	21 iPc	14 33.90		0.8s	18.00nm		5.1mb		1.0s	100.80nm		5.7mb
	0.8s	118.75nm	5.9mb	Z	23s	0.32um		4.5mszX	EVAL	76.85	28 eP	15 29.91	0.9
LPF	67.93	21 iPc	14 36.10	EMON	71.13	27 eP	14 55.89	0.0	KDZ	76.86	3 eP	15 29.00	0.0
	0.7s	117.75nm	5.9mb	COLF	71.13	18 P	14 55.76	-0.2		eS		46 06.00	
GRF	67.97	12 ePd	14 36.40	FVI	71.19	12 P	14 56.10	0.0	EBAN	76.93	26 eP	15 30.54	1.1
	1.2s	75.00nm	5.5mb	LFF	71.23	21 iPc	14 56.30	-0.1	EHOR	76.95	27 eP	15 30.37	0.8
PRU	Z	23s	0.30um		1.0s	123.60nm		5.8mb	VAY	77.10	5 eP	15 29.30	-1.0
	67.98	10 P	14 36.70	RSL	71.38	16 P	14 57.75	0.2	PGP	77.20	275 ePd	15 30.00	-1.2
	1.2s	36.80nm	5.2mb	RBL	71.41	11 P	14 57.20	-0.4	OHR	77.23	6 iP	15 31.20	0.1
		e	14 41.90	CAF	71.46	20 eP	14 57.50	-0.4	ACU	77.26	23 eP	15 32.70	1.4
OJC	68.09	6 eP	14 37.40		0.8s	32.35nm		5.3mb	KNT	77.27	5 eP	15 31.82	0.6
LANF	68.29	15 P	14 37.99	VAI	71.47	15 P	14 57.70	-0.1	SRS	77.34	4 iP	15 32.10	0.4
WET	68.67	11 iPc	14 41.60	KIS	71.53	360 iPc	14 56.00	-2.2	TOV	77.37	93 ePd	15 33.20	0.9
	1.5s	122.00nm	5.6mb			i	15 18.00		GRG	77.46	5 eP	15 32.96	0.6
KHC	68.74	11 Pc	14 41.90			i	15 25.00		EHUE	77.51	25 eP	15 33.71	1.0
	1.3s	49.50nm	5.3mb	LPO	71.55	20 iPc	14 58.10	-0.3	FNA	77.59	6 eP	15 33.08	0.0
		e	14 47.00		1.0s	93.60nm		5.7mb	SOH	77.63	4 iP	15 33.60	0.3
		e	15 01.90	LPL	71.56	16 eP	14 59.30	0.6	EALH	77.70	24 eP	15 35.29	1.6
CDF	68.78	15 iPc	14 41.30		1.1s	59.60nm		5.4mb	ASH	77.75	336 eP	15 35.00	1.1
	0.9s	27.35nm	5.2mb	LPG	71.58	16 eP	14 59.50	0.6	SDV	77.76	94 ePc	15 33.80	-0.7
VRAC	68.81	9 iPc	14 42.10		1.0s	54.40nm		5.4mb	EPRU	77.78	27 eP	15 35.33	1.2
	1.4s	360.10nm	6.1mb	ORO	71.61	15 Pc	14 59.00	0.1	ECOG	77.83	26 eP	15 35.81	1.3
GEC2	69.04	11 Pn	14 40.70	CTI	71.62	13 P	14 59.00	0.1	MGR	77.84	10 P	15 34.00	-0.4
		Pg	14 48.40	BNI	72.01	16 P	15 02.60	1.3	ALJ	77.98	28 iP	15 38.00	2.7
		Sg	15 30.20	KSH	72.12	323 eP	15 02.00	0.0	CNIL	78.17	28 iP	15 37.00	0.8
HAU	69.07	16 iPc	14 43.00	PTJ	72.15	9 iP	15 02.00	0.0	MAL	78.19	27 iPd	15 37.50	1.2
	0.8s	49.70nm	5.5mb	ERUA	72.16	27 eP	15 02.97	0.9	EJIF	78.22	28 eP	15 38.28	1.7
BSF	69.29	16 iPc	14 44.30	VBY	72.49	10 eP	15 03.90	0.0	EGUA	78.26	26 eP	15 38.12	1.3
	0.8s	42.60nm	5.4mb	GYA	72.52	293 iPd	15 04.40	-0.1	MOMI	78.29	28 iP	15 38.50	1.6
FRU	69.35	326 eP	14 45.00		1.2s	46.00nm		5.3mb	LIT	78.32	5 eP	15 33.16	-3.9X
	2.0s	50.00nm	5.1mb	Z	36s	0.45um		4.5mszX	PLAT	78.47	28 iP	15 39.00	1.0
		i	15 04.00			S	24 22.00		OJEN	78.54	28 eP	15 40.00	1.6
		e	17 19.00	BOB	72.64	14 P	15 05.70	0.8	MAIO	79.12	335 iPd	15 42.60	1.0
		e	23 47.00	VRI	72.67	2 ePc	15 05.50	0.6		eS		25 39.00	
FEL	69.40	15 P	14 44.23	CKI	72.83	15 P	15 06.00	0.0	AGG	79.39	5 eP	15 43.08	0.2
LOR	69.44	18 iPc	14 45.20	ECRI	72.90	24 eP	15 07.21	0.8	GUN	79.56	311 P	15 44.00	-0.4
	0.8s	81.95nm	5.7mb	EPF	73.01	21 eP	15 06.30	-0.8		0.3s	23.00nm		5.5mb
MFF	69.46	21 iPc	14 45.60		1.0s	24.60nm		5.1mb	CGP	79.82	269 eP	15 45.00	-0.5
	0.7s	73.65nm	5.7mb	MLR	73.03	2 ePc	15 08.00	0.7	KKN	79.88	311 P	15 45.62	-0.3
FUR	69.48	12 iPc	14 46.30	GZR	73.05	4 ePd	15 07.00	-0.2		0.4s	41.00nm		5.7mb
SSF	69.59	18 iPc	14 46.30	LESF	73.17	21 P	15 07.93	0.0	GKN	79.91	312 P	15 45.62	-0.4
	0.9s	130.70nm	5.9mb	CMP	73.24	3 ePc	15 11.00	2.7		0.4s	73.00nm		5.9mb
LBF	69.74	18 iPc	14 46.90	GRBF	73.40	21 P	15 09.10	-0.2	SOI	79.93	10 P	15 44.50	-1.2
	0.9s	58.30nm	5.5mb	BDI	73.46	14 P	15 10.40	0.7	PKI	80.03	311 P	15 46.20	-0.7
LOMF	69.77	16 P	14 47.35	MTHF	73.47	20 P	15 08.79	-0.9		0.6s	23.00nm		5.3mb
UZH	69.79	5 ePd	14 47.70	FRF	73.47	17 eP	15 09.70	0.1	DMN	80.11	311 P	15 47.00	-0.2
	1.1s	45.00nm	5.3mb		1.3s	71.10nm		5.4mb		0.4s	33.00nm		5.6mb
AVF	69.84	18 iPc	14 47.50	LRG	73.53	17 eP	15 10.40	0.4	AVE	80.80	30 iP	15 51.00	0.6
	0.8s	63.40nm	5.6mb		0.9s	67.15nm		5.6mb			i	16 09.50	
CD2	69.89	298 iPd	14 48.10	LMR	73.67	17 eP	15 11.10	0.3	IFR	81.12	28 iPd	15 53.50	1.2
	1.0s	37.00nm	5.3mb		1.3s	81.60nm		5.5mb	NDI	81.77	318 iPd	15 57.00	1.4
Z	24s	0.51um	4.7mszX	EGRA	73.71	22 eP	15 11.05	0.1		0.7s	23.97nm		5.2mb
		esP	15 08.00	SFI	73.74	13 P	15 12.20	1.0	CHG	82.57	296 eP	15 59.40	-0.5
		eS	23 54.50	FIR	73.82	13 eP	15 11.50	-0.1	LOE	82.62	293 eP	16 00.00	-0.1
		eScS	24 42.20	PYA	73.89	349 iPc	15 12.00	-0.1	TIO	83.10	31 iPc	16 04.20	1.6
ZST	69.95	8 eP	14 48.10			i	15 33.50		QUE	83.29	327 P	16 04.30	0.6
BGF	69.99	19 iPc	14 48.40			e	18 02.00		ANTZ	84.79	34 iPc	16 11.50	0.5
	1.0s	82.00nm	5.6mb	CRE	74.04	13 P	15 13.40	0.3	SHI	86.87	339 eP	16 22.00	0.5
SMF	70.05	18 iPc	14 48.70	ARV	74.27	12 P	15 14.80	0.5	HYB	91.79	313 eP	16 44.50	-0.1
	1.2s	132.70nm	5.7mb	GUD	74.47	25 iPd	15 16.14	0.5	NNA	93.22	109 iP	16 51.50	0.4
BHG	70.08	11 iPc	14 50.10	EPLA	74.62	27 iP+	15 17.75	1.3		0.7s	8.22nm		5.3mb
	1.2s	81.00nm	5.5mb	ETOR	74.72	24 eP	15 17.32	0.3	GBA	95.71	313 P	17 02.00	-0.6
LSF	70.08	20 iPc	14 49.00	PGF	74.77	15 eP	15 17.10	-0.2	WRA	100.30	247 Pd diff	17 22.10	-1.1
	0.9s	85.50nm	5.7mb		1.2s	70.80nm		5.5mb		0.8s	0.90nm		4.4mb X
TCF	70.15	19 eP	14 48.40						ZOBO	100.96	104 Pd diff	17 25.80	-1.2
	0.7s	21.15nm	5.2mb							LR		50 22.00	

02d 18h

SIV 104.00 98 Pd 17 43.00 3.3X
 e 21 46.00
 BFT 143.88 358 ePKP 23 10.50 -1.5
 SLR 143.94 1 iPKPd 23 08.70 -3.3X
 1.1s 60.00nm
 PRY 145.12 2 iPKPd 23 13.60 -0.4
 1.5s 70.00nm
 SEK 146.51 2 ePKP 23 14.50 -1.8X
 0.5s 41.00nm
 POF 147.05 14 iPKPd 23 19.00 2.2X
 0.6s 28.00nm
 BLF 147.26 4 iPKPd 23 19.10 1.7
 0.5s 58.00nm
 CER 150.89 17 ePKP 23 29.00 6.2X
 0.6s 47.00nm
 GRM 151.46 4 iPKPd 23 30.50 6.9X
 0.9s 122.00nm
 SPA 151.64 180 iPKPd 23 29.10 6.1X
 0.6s 42.68nm
 i 23 49.80
 S.D. = 0.9 on 413 of 449 obs.

? DEC 02, 1992 18h 45m 12.42 ± 0.80s
 41.981 N ± 7.8km 23.170 E ± 9.1km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

KKB 0.13 210 iPd 45 15.00 -0.6
 VTS 0.61 3 ePg 45 25.00 0.2
 VAY 0.80 214 ePn 45 28.40 0.5
 PGB 0.93 52 ePg 45 30.00 -0.3
 RZN 1.19 104 eP 45 35.00 0.2
 S.D. = 0.6 on 5 of 5 obs.

* DEC 02, 1992 19h 27m 21.16 ± 0.46s
 10.662 N ± 8.8km 121.487 E ± 9.5km
 DEPTH = 33.0km (normol)
 4.6mb (5 obs.)
 PANAY, PHILIPPINE ISLANDS (254)

TGY 3.46 351 ePd 28 19.00 4.9X
 CGP 3.85 124 ePd 28 18.50 -1.0
 eS 29 05.50
 QVP 3.97 353 eP 28 21.00 -0.2
 eS 29 16.00
 QCP 3.97 354 eP 28 27.00 5.7X
 BIP 5.29 117 eP 28 40.00 0.1
 DAV 5.38 131 eP 28 43.00 1.8
 BAG 5.78 351 eP 28 47.00 -0.1
 TSM 7.27 210 eP 29 22.00 14.2X
 WB2 32.95 157 eP 33 54.10 -0.9
 0.5s 4.40nm 4.6mb
 ASPA 36.21 161 eP 34 22.70 -0.4
 0.4s 4.70nm 4.8mb
 WARB 36.96 172 eP 34 23.00 -6.3X
 0.5s 19.00nm 5.2mb
 GUN 37.55 302 P 34 34.94 0.2
 PKI 37.83 302 P 34 36.88 -0.1
 KKN 38.01 302 P 34 38.30 -0.1
 DMN 38.09 301 P 34 39.48 0.3
 GKN 38.61 302 P 34 43.86 0.4
 SLL 89.55 332 eP 40 12.80 -3.6X
 0.4s 0.60nm 4.3mb
 YKA 95.27 23 eP 40 37.00 -5.8X
 0.9s 0.70nm 4.1mb
 S.D. = 0.8 on 12 of 18 obs.

* DEC 02, 1992 20h 23m 54.20 ± 1.66s
 28.202 S ± 8.9km 67.226 W ± 16.9km
 DEPTH = 190.8 ± 32.7 km
 LA RIOJA PROVINCE, ARGENTINA (138)

CYA 1.29 101 iPd 24 25.00 -0.6
 S 24 37.00
 RTPR 2.18 164 iPd 24 33.80 -0.5
 eS 25 00.30
 FSA 2.37 27 iPd 24 38.60 2.2
 RTLL 3.30 199 iPd 24 47.00 -0.5
 S 25 24.50
 RTCB 3.55 202 iPd 24 50.70 0.1
 S 25 30.00
 ZON 3.56 200 iPd 24 51.00 0.2
 eS 25 32.00
 SLA 3.79 25 iPd 24 52.00 -1.8
 RTCV 3.82 197 ePd 24 54.00 0.0
 TCA 3.88 144 iPd 24 54.80 0.1
 S 25 31.50

MRA 4.40 163 ePd 25 02.00 0.8
 S 25 49.60
 MDZ 4.87 196 eP 25 07.50 0.0
 S.D. = 1.2 on 11 of 11 obs.
 DEC 02, 1992 21h 00m 33.67 ± 0.74s
 2.467 N ± 4.6km 128.506 E ± 6.7km
 DEPTH = 225.6 ± 8.0 km
 4.8mb (23 obs.)
 HALMAHERA, INDONESIA (267)

MNI 3.80 255 eP 01 36.30 1.8
 eS 02 23.00
 DAV 5.44 328 eP 01 55.10 0.2
 1.5s 1977.78nm 5.9mb X
 BIP 6.14 339 ePd 02 02.00 -1.8
 eS 03 00.00
 MKS 11.82 230 ePd 03 14.00 -2.7
 KKM 12.76 287 ePd 03 30.50 1.9
 KUG 13.45 201 eP 03 42.00 4.9X
 0.5s 3.00nm 3.9mb
 eS 06 10.20
 e 09 00.00
 KUPT 13.45 201 eP 03 42.00 4.9X
 0.5s 72.00nm 5.3mb
 eS 06 10.20
 MTN 15.44 170 eP 04 00.30 -1.2
 0.4s 246.00nm 6.0mb X
 WWKK 16.28 112 eP 04 12.90 1.1
 KNA 18.10 179 eP 04 31.10 -0.3
 0.3s 110.00nm 5.8mb
 TRT 18.78 237 iPd 04 22.30 -16.1X
 PMG 22.01 123 eP 05 10.00 -0.5
 WRA 23.00 166 P 05 20.10 0.1
 0.9s 39.70nm 5.0mb
 WB2 23.00 166 eP 05 19.80 -0.2
 0.2s 145.00nm 6.2mb X
 OIS 25.34 155 eP 05 41.00 -0.8
 ASPA 26.50 169 iPd 05 51.90 -0.5
 0.7s 97.30nm 5.6mb
 NANU 27.92 286 eP 06 04.90 -0.2
 WARB 28.54 184 eP 06 10.50 -0.1
 LOE 30.19 301 eP 06 26.00 0.7
 MEEK 30.47 198 eP 06 24.00 -3.6X
 KHT 31.95 294 eP 06 40.20 -0.4
 DLP 32.63 153 eP 06 45.00 -1.4
 0.3s 24.00nm 5.3mb
 FORT 33.06 181 eP 06 50.00 0.0
 CHG 33.19 301 ePd 06 52.20 0.9
 0.8s 20.90nm 4.8mb
 MRWA 33.71 200 eP 06 55.00 -0.6
 BAL 34.76 198 eP 07 04.00 -0.5
 RMO 34.81 147 eP 07 04.20 -0.7
 0.6s 12.00nm 4.7mb
 MAT 35.07 14 eP 07 05.00 -2.0
 0.8s 13.43nm 4.6mb
 KLB 35.38 196 eP 07 09.00 -0.7
 MUN 36.19 198 eP 07 16.00 -0.5
 XAN 36.34 332 Pd 07 17.50 -0.3
 0.7s 8.00nm 4.4mb
 STKA 36.35 161 iPd 07 21.40 3.6X
 i 08 43.30
 CD2 36.71 323 eP 07 20.80 -0.1
 TIY 38.05 339 Pd 07 32.40 0.3
 ADE 38.45 166 eP 07 36.00 0.6
 BJI 39.04 345 eP 07 40.00 -0.1
 1.1s 16.00nm 4.5mb
 ARMA 39.45 148 eP 07 44.00 0.3
 0.5s 31.00nm 5.1mb
 LZH 40.49 329 iPd 07 53.50 1.2
 1.5s 43.00nm 4.7mb
 pP 08 36.50 201kmX
 sP 09 01.50
 ScP 13 19.00
 HHC 41.16 340 eP 07 58.00 0.4
 1.0s 11.00nm 4.3mb
 BWA 41.20 155 eP 07 59.40 1.5
 BFD 41.54 163 iPd 08 02.00 1.3
 0.7s 46.00nm 5.1mb
 e 09 41.00
 CAN 42.21 155 eP 08 08.60 2.4
 TOO 42.84 160 eP 08 13.20 2.0
 0.7s 18.00nm 4.6mb
 DZM 44.36 125 iPd 08 24.10 0.4
 LSA 44.60 311 iPd 08 27.40 1.5
 0.8s 3.00nm 3.7mb X
 GTA 45.09 328 eP 08 29.50 0.3

1.0s 10.00nm 4.1mb
 pP 09 12.50 198kmX
 ScP 13 36.50
 GUN 47.90 306 P 08 52.00 0.3
 0.5s 69.00nm 5.3mb
 PKI 48.14 305 P 08 53.28 -0.2
 KKN 48.33 306 P 08 54.84 0.0
 0.5s 22.00nm 4.8mb
 DMN 48.40 305 P 08 55.48 0.0
 0.6s 39.00nm 5.0mb
 GKN 48.94 306 P 08 59.32 -0.1
 HYB 51.21 290 ePd 09 16.10 -0.5
 e 10 07.00
 GBA 51.65 285 P 09 19.00 -0.9
 WMO 54.77 325 P 09 42.20 -0.2
 0.9s 14.00nm 4.6mb
 YAK 59.41 1 eP 10 13.90 -0.5
 0.5s 53.00nm 5.5mb
 e 11 00.00
 KSH 60.15 315 P 10 20.70 0.6
 MAIO 71.68 307 iPd 11 33.20 0.1
 e 12 24.00
 HFS 99.95 333 eP 13 51.90 -2.0
 0.4s 0.90nm 4.6mb
 S.D. = 1.1 on 53 of 58 obs.

& DEC 02, 1992 21h 11m 22.81s
 34.376 N 116.460 W
 DEPTH = 4.8km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS), 2.6 (GS).

PEC 0.76 230 eP 11 37.70 -0.3
 PLM 1.07 198 iPd 11 43.59 0.0
 eS 11 58.40
 GLA 1.90 134 ePn 11 57.29 1.1
 eS 12 24.20
 ISA 2.09 308 ePg 12 01.16 2.1
 4 obs. associated

% DEC 02, 1992 22h 36m 09.90 ± 0.58s
 39.543 S ± 4.1km 174.883 E ± 4.3km
 DEPTH = 152.5 ± 7.5 km
 NORTH ISLAND, NEW ZEALAND (159)

BSZ 0.26 172 Pd 36 30.30 -0.3
 CNZ 0.62 57 Pd 36 31.80 -0.8
 NGZ 0.67 57 Pd 36 32.20 -0.7
 MOZ 1.04 357 Pd 36 35.80 0.3
 eS 36 52.80
 WAHZ 1.15 98 Pd 36 36.10 -0.4
 KIW 1.32 179 Pd 36 38.00 -0.1
 WHH 1.41 63 Pd 36 38.90 -0.3
 DIW 1.46 210 Pd 36 39.80 0.3
 TTH 1.50 91 eP 36 40.40 0.4
 PGZ 1.51 136 Pd 36 40.10 0.0
 TEHZ 1.55 107 eP 36 40.50 0.0
 CAW 1.57 175 Pd 36 40.90 0.2
 MTW 1.68 164 P 36 41.80 -0.1
 MRW 1.69 185 P 36 42.20 0.2
 eS 37 04.10
 TCW 1.73 195 Pd 36 42.80 0.3
 WEL 1.74 183 P 36 42.80 0.2
 eS 37 05.00
 MOH 1.80 78 Pd 36 43.80 0.5
 PAHZ 1.82 69 eP 36 44.10 0.6
 BLW 1.88 166 P 36 44.20 0.1
 AMW 1.89 159 P 36 44.30 0.1
 MOW 1.90 172 Pd 36 44.40 0.0
 URZ 2.16 54 eP 36 47.10 -0.3
 eS 37 12.90
 ORZ 2.21 234 P 36 48.60 0.5
 eS 37 14.80
 MAHZ 2.35 82 eP 36 50.10 0.3
 NOZ 2.62 70 Pd 36 53.10 0.0
 THZ 2.68 214 P 36 54.40 0.5
 eS 37 26.20
 KHZ 3.05 199 Pd 36 58.90 0.5
 eS 37 33.30
 DSZ 3.22 226 Pd 37 01.10 0.4
 HBZ 3.31 55 eP 37 01.90 0.1
 LTZ 3.79 211 P 37 07.70 -0.5
 eS 37 48.40
 MOZ 4.48 201 Pd 37 15.90 -1.3
 eS 38 02.50
 ODZ 6.33 208 eP 37 41.40 -0.6
 eS 38 48.60

S.D. = 0.5 on 32 of 32 obs.
 % DEC 02, 1992 22h 39m 26.75±0.80s
 18.115 N ±16.3km 66.254 W ±6.2km
 DEPTH = 33.0km (normal)
 PUERTO RICO REGION (90)

CPD	0.33	103	P	39	35.00	0.1
PORP	0.37	261	P	39	35.80	0.3
LPR	0.41	62	P	39	36.00	-0.1
			S	39	43.60	
APR	0.56	307	P	39	39.00	0.8
MGP	0.80	262	P	39	41.50	-0.1
MCP	0.87	290	P	39	41.60	-1.0

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

* DEC 02, 1992 22h 55m 03.12±0.68s
 31.784 S ±7.8km 69.390 W ±10.2km
 DEPTH = 122.9 ±8.8 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.58	60	iPd	55	22.40	0.1
ZON	0.65	69	iPd	55	22.90	0.2
			iS	55	33.90	
RTCV	0.73	96	iPc	55	24.10	0.8
CFA	1.00	80	iPd	55	26.00	0.3
			S	55	41.10	
MDZ	1.19	158	iP	55	29.30	1.6
			i	55	48.30	
IHA	2.27	236	eP	55	38.90	-1.7
			iS	56	04.80	
RTPR	2.88	60	ePc	55	47.90	-0.6
RFA	3.08	166	iPc	55	51.30	0.0
MRA	3.19	102	iPc	55	53.00	0.4
TCA	4.12	85	iPc	56	04.20	-1.1
			(S)	56	43.00	
CYA	4.56	44	iP	56	09.00	-2.2
FSA	6.40	28	e(P)	56	34.80	-1.5
CNCB	14.96	5	P	58	31.00	1.0
LPB	15.23	5	eP	58	34.00	0.8
ZOBO	15.47	5	P	58	37.20	0.7
SIV	17.45	28	eP	59	02.00	1.7
GBA	144.64	113	PKP	14	26.80	-0.4

S.D. = 1.2 on 17 of 17 obs.

DEC 03, 1992 00h 59m 48.38±0.42s
 42.498 N ±4.2km 111.213 W ±4.7km
 DEPTH = 5.0km (geophysicist)
 EASTERN IDAHO (457)
 ML 3.3 (GS), 3.4 (BUT).

PTI	0.93	294	eP	00	06.11	-0.6
			eS	00	17.78	
HHA1	1.17	313	eP	00	10.34	-0.5
BW06	1.25	77	ePc	00	12.61	0.3
			S	00	29.53	
HVU	1.37	239	ePc	00	13.00	-1.2
			eS	00	30.88	
DAU	2.08	181	ePnc	00	25.84	1.1
			eS	00	54.35	
LTMT	2.13	342	ePn	00	26.10	0.7
TPMT	2.26	352	ePn	00	28.40	1.2
DUG	2.60	208	ePnc	00	31.39	-0.5
MCMT	2.61	334	ePn	00	34.50	2.3X
EMUT	2.70	173	eP	00	34.53	1.1
BGMT	2.80	348	ePnd	00	37.60	2.7X
MEMT	3.11	3	ePn	00	42.30	3.1X
LCCM	3.37	352	ePn	00	46.90	4.0X
SRU	3.42	171	eP	00	44.00	0.3
LRM	3.44	345	ePn	00	47.90	3.9X
HBMT	3.44	344	ePn	00	47.90	3.9X
BUT	3.65	345	ePg	01	02.30	15.5X
			eSg	01	41.50	
MSU	4.05	191	(P)	00	53.73	1.2
HRV	4.24	354	ePn	00	59.10	4.0X
PV09	4.30	158	ePnc	00	55.45	-0.8
PV08	4.38	153	(P)	00	56.74	-0.6
PV10	4.44	157	eP	00	58.41	0.2
GOL	5.22	120	eP	01	08.95	-0.3
GLD	5.29	119	(P)	01	09.55	-0.7
RSSD	5.48	70	ePn	01	12.01	-0.9

S.D. = 0.9 on 17 of 25 obs.

? DEC 03, 1992 01h 37m 40.81±2.78s
 14.514 N ±33.6km 93.558 W ±9.9km
 DEPTH = 55.6 ±14.8 km
 4.2mb (1 obs.)

NEAR COAST OF CHIAPAS, MEXICO (69)

TPX	1.31	73	iP	38	03.25	0.1
			iS	38	22.00	
SCX	2.38	22	eP	38	18.00	-0.1
			iS	38	48.50	
OXX	3.97	310	eP	38	40.00	-0.9
			iS	39	26.00	
PPM	6.64	314	eP	39	20.00	1.4
TPM	6.89	311	eP	39	21.50	-0.3
YKA	50.19	347	eP	46	32.20	-0.5
	0.6s		1.60nm			4.2mb
RES	60.17	360	eP	47	45.00	0.3

S.D. = 1.1 on 7 of 7 obs.

* DEC 03, 1992 02h 17m 25.56±1.29s
 13.716 S ±8.0km 166.622 E ±11.3km
 DEPTH = 59.3 ±10.3 km
 5.0mb (14 obs.)

VANUATU ISLANDS (186)

BKM	4.23	159	iP	18	30.50	1.5
			iS	19	23.50	
HNR	7.80	302	eP	19	18.00	-0.9
SVO	8.07	304	eP	19	23.00	0.4
DZM	8.31	181	iPd	19	24.10	-1.9
			iS	21	13.10	
PMG	19.54	281	eP	21	52.00	0.8
RMO	21.01	230	iPc	22	09.20	2.7X
	0.7s		41.00nm			4.9mb
			e	22	22.70	
ARMA	21.62	217	eP	22	09.50	-3.2X
	0.7s		12.00nm			4.4mb
CMS	26.02	224	iPd	22	56.20	1.3
	0.7s		41.00nm			5.1mb
STKA	29.19	228	iPc	23	24.80	1.2
WB2	31.47	254	iPc	23	43.00	-0.9
	0.6s		6.10nm			4.6mb
WRA	31.48	254	P	23	43.50	-0.5
	0.9s		1.70nm			3.8mb X
BFD	31.74	218	eP	23	46.70	0.6
	0.7s		18.00nm			5.0mb
ASPA	32.47	247	iPc	23	51.90	-0.7
	0.6s		11.00nm			4.9mb
Z	22s		0.20um			3.8mszx
MEEK	46.60	246	iPc	25	47.60	-2.2
	0.5s		27.00nm			5.4mb
NANU	49.15	252	eP	26	10.60	1.0
TIA	68.17	319	eP	28	20.80	-1.0
CN2	68.46	329	eP	28	22.80	-0.6
	1.0s		12.00nm			4.8mb
GYA	70.63	305	P	28	37.40	0.2
BJI	71.09	321	eP	28	39.00	-0.5
TIY	72.09	317	iPc	28	46.50	0.8
XAN	72.55	313	P	28	48.00	-0.4
CHG	74.09	294	eP	28	58.60	1.0
	0.9s		11.34nm			4.8mb
CD2	74.90	308	eP	29	02.40	0.2
LZH	77.18	312	eP	29	16.00	1.0
	1.4s		29.00nm			5.1mb
GTA	81.52	314	Pc	29	39.00	0.7
	1.0s		17.00nm			5.0mb
			sP	29	50.80	
LSA	84.49	302	iPd	29	55.60	1.4
GUN	88.36	299	PKP	30	12.90	-0.1
	0.7s		32.00nm			5.6mb
PKI	88.66	299	PKP	30	14.14	-0.3
	0.6s		29.00nm			5.7mb
KKN	88.83	299	PKP	30	14.86	-0.2
	0.7s		40.00nm			5.8mb
DMN	88.93	299	PKP	30	15.66	0.0
	0.7s		70.00nm			6.1mb X
GKN	89.44	299	PKP	30	17.20	-0.7
GBA	92.39	283	P	30	33.00	1.6
RES	105.38	16	ePdiff	31	35.00	6.1X
KIC	168.79	230	PKP	37	26.70	-0.9
LIC	168.91	229	PKP	37	26.70	-0.9
TIC	169.18	230	PKP	37	27.00	-0.8

S.D. = 1.0 on 33 of 36 obs.

* DEC 03, 1992 02h 19m 07.98±2.18s
 38.042 N ±13.1km 26.929 E ±17.1km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.7 (ISK).

IZM	0.44	36	iPg	19	16.30	-0.7
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CIN	1.02	115	eP	19	27.00	-0.2
EZN	1.84	345	ePn	19	39.60	-0.3
DST	2.05	40	ePn	19	44.00	1.1
KCT	2.47	26	ePn	19	49.00	0.1

S.D. = 0.9 on 5 of 5 obs.

? DEC 03, 1992 02h 21m 11.10±0.99s
 11.344 N ±19.7km 93.269 W ±26.2km
 DEPTH = 33.0km (normal)
 4.2mb (1 obs.)

OFF COAST OF MEXICO (63)

OXX	6.61	330	(P)	22	47.50	-1.3
III	9.21	320	(P)	23	26.00	1.1
PPM	9.26	327	(P)	23	26.00	0.1
TPM	9.43	324	(P)	23	28.00	0.1
UNM	9.78	325	(P)	23	34.50	1.7X
MRX	11.28	318	(P)	23	55.00	1.9X
UYO	22.74	357	iPc	26	12.30	0.7
FNO	24.10	352	iPc	26	27.30	2.5X
ACO	25.79	349	iPc	26	41.80	0.9
ZOBO	37.04	137	eP	28	21.00	0.2
LPB	37.24	138	P	28	29.00	6.8X
ULM	38.85	357	eP	28	37.50	2.7X
SIV	41.87	130	P	29	04.00	3.9X
YKA	53.33	348	eP	30	27.30	-1.8
	0.8s		2.00nm			4.2mb
WRA	133.49	253	PKP	40	26.50	-0.2
	0.7s		0.20nm			

S.D. = 1.1 on 9 of 15 obs.

* DEC 03, 1992 04h 12m 34.30±1.34s
 16.977 N ±8.6km 61.253 W ±13.0km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 3.2 (FDF).

BPA	0.58	277	iP	12	45.56	-0.5
			eS	12	53.73	
SEG	0.62	203	iPc	12	46.40	-0.2
			S	12	54.60	
DEG	0.69	164	iPc	12	47.34	-0.2
CPB	0.86	320	eP	12	50.15	0.2
			eS	13	01.90	
MGH	0.96	255	eP	12	51.54	0.1
			S	13	03.50	
DOG	1.00	200	eP	12	52.36	0.3
PAG	1.03	204	eP	12	52.73	0.3
			S	13	06.10	
NEV	1.27	277	eP	12	55.95	0.1
			eS	13	12.09	

S.D. = 0.3 on 8 of 8 obs.

% DEC 03, 1992 04h 21m 45.61±0.77s
 40.780 N ±6.3km 23.167 E ±7.4km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

SOH	0.15	74	iPg	21	48.74	-0.3
			eSg	21	51.22	
THE	0.21	226	ePg	21	49.82	-0.4
			eSg	21	52.82	
KNT	0.43	332	ePg	21	54.74	0.3
			eSg	22	01.22	
SRS	0.47	44	ePg	21	55.00	-0.1
			eSg	22	03.22	
PAIG	0.94	155	ePg	22	04.00	0.5

S.D. = 0.6 on 5 of 5 obs.

DEC 03, 1992 04h 45m 52.91±0.66s
 24.036 N ±6.7km 122.711 E ±7.9km
 DEPTH = 10.0km (geophysicist)
 4.0mb (4 obs.)

TAIWAN REGION (243)

TWC	0.97	306	iPd	46	12.30	0.9
			eS	46	23.40	
TWD	1.02	273	iPc	46	11.30	-0.9
			eS	46	21.80	
TWK	2.18	250	ePc	46	29.90	0.1
TWM1	2.42	241	eP	46	33.80	0.6
BBP	3.58	191	ePc	46	49.00	-0.6
SSE	7.16	349	Pc	47	40.10	-0.1
	0.5s		52.00nm		</	

03d 04h

WRA 45.16 164 P 54 12.40 0.7
0.8s 1.30nm 3.9mb
WB2 45.16 164 eP 54 11.90 0.2
0.8s 2.90nm 4.3mb
NAO 79.27 332 P 57 58.60 -1.2
0.8s 1.80nm 4.1mb
YKA 82.56 23 eP 58 17.30 0.2
0.7s 0.50nm 3.8mb
S.D. = 0.8 on 10 of 10 obs.

* DEC 03, 1992 04h 51m 59.66±0.64s
20.502 S ± 7.1km 67.875 W ± 11.6km
DEPTH = 194.8 ± 9.5 km
4.3mb (2 obs.)

SOUTHERN BOLIVIA (125)

CCH 3.51 28 eP 52 54.00 -2.0
CNCB 3.67 358 iPd 52 59.10 0.8
LPB 3.95 357 P 53 02.00 0.3
ANT 3.96 216 iP+ 53 01.20 -0.1
IS 53 43.50
ZOBO 4.20 357 P 53 06.00 1.0
SLA 4.75 153 ePc 53 11.80 0.3
ARE 5.2B 319 eP 53 17.00 -1.6
IS 54 13.50

FSA 5.81 163 eP 53 25.60 0.5
SIV 7.87 56 iPc 53 54.00 1.7
NNA 12.07 313 iP 54 55.00 8.3X
0.8s 8.96nm 4.3mb

VAO 19.58 101 eP 56 13.50 -1.4
LIC 67.18 74 P 02 34.60 -0.5
TIC 67.37 73 P 02 35.90 -0.4
KIC 67.50 74 P 02 36.70 -0.3
YKA 90.57 340 eP 04 42.00 1.7
0.6s 2.10nm 4.3mb

WRA 134.30 210 PKP 10 59.80 3.3X
0.8s 1.00nm
S.D. = 1.3 on 14 of 16 obs.

DEC 03, 1992 06h 28m 37.76±0.33s
48.137 S ± 10.0km 9.878 W ± 7.0km
DEPTH = 10.0km (geophysicist)
5.3mb (11 obs.) 5.4msz (6 obs.)

SOUTHERN MID-ATLANTIC RIDGE (410)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.8.: 22S, 42C

Centroid Location:

Origin Time: 06:28:45.1 0.3

Lat 48.11S Fix; Lon 9.87W Fix

Dep 15.0 FIX Half-duration 1.2

Moment Tensor: Scale 10⁻¹⁷ Nm

Mrr=-0.02 0.19 Mtt=-1.74 0.29

Mff= 1.76 0.11 Mrt= 0.00 0.00

Mrf= 0.00 0.00 Mtf=-0.14 0.08

Principal Axes:

T Val= 1.77 Plg= 0 Azm=268

N -0.02 90 180

P -1.75 0 178

Best Double Couple: Mo=1.8*10⁻¹⁷

NP1: Strike=313 Dip=90 Slip=-180

NP2: 43 90 0

NVL 24.94 163 eP 34 02.00 0.0
1.0s 230.00nm 5.8mb
e 34 21.00
e 34 37.00

CER 26.38 67 eP 34 15.50 -0.3
1.0s 40.00nm 5.1mb
e 34 04.50 6.9X
1.0s 40.00nm 5.3mb

GRM 31.01 75 iPd 35 04.50 6.9X
1.0s 40.00nm 5.3mb
BLF 33.57 69 iPc 35 20.50 0.4
0.9s 15.38nm 4.9mb

SEK 35.02 69 iPc 35 31.50 -1.1
1.0s 50.00nm 5.3mb
PRY 35.92 67 iPd 35 40.00 -0.2
1.0s 35.00nm 5.2mb

SLR 37.28 67 iPc 35 49.60 -2.0
1.1s 32.91nm 5.0mb
Z 20s 4.96um 5.3msz

BFT 38.41 69 iPd 36 02.00 0.8
1.0s 100.00nm 5.5mb
MAW 40.36 146 P 36 17.29 0.6
CRZF 40.92 112 eP 36 33.00 11.5X
ePP 38 05.00
eS 42 46.00

BUL 41.69 62 iPc 36 28.00 -0.3
SPA 42.06 180 iPd 36 20.30 -10.6X
1.1s 87.50nm
i 36 36.50
e 38 15.10

SLA 49.24 278 ePd 37 28.00 -0.5
LIC 54.30 6 Pd 38 06.30 0.0
KIC 54.45 6 Pd 38 07.30 -0.1
TIC 54.71 6 Pd 38 09.10 -0.3

CCH 54.85 284 P 38 09.30 -1.6
CNCB 56.47 283 Pc 38 22.80 0.0
PcP 39 20.00
LWI 56.54 48 iPd 38 23.20 0.3
iS 46 26.00

LPB 56.75 283 eP 38 21.00 -3.6X
Z 24s 3.10um 5.3msz
PcP 39 20.30
LR 55 34.00

ZOBO 56.95 283 iPc 38 25.90 -0.4
1.7s 53.05nm 5.3mb
Z 25s 1.61um 5.0msz
LR 55 26.00

BCAO 57.97 34 iPd 38 31.90 -0.8
1.2s 37.00nm 5.3mb
i 38 43.20
i 39 14.00

ARE 59.02 280 eP 38 41.00 0.5
NAI 61.59 56 ePd 39 02.00 4.1X
Z 18s 4.98um 5.7msz
S 47 36.00

NNA 65.81 279 e(P) 39 15.50 -9.9X
1.1s 34.18nm 5.5mb
ANTZ 76.26 0 iP 40 35.00 7.1X
AVE 81.10 2 eP 40 56.50 2.4

IFR 81.39 4 iPd 41 05.00 9.1X
EJIF 84.30 4 eP 41 11.80 1.2
EPRU 84.83 4 eP 41 17.00 3.8X
EVAL 85.39 2 eP 41 21.00 5.0X

OHR 92.92 23 e(P) 41 53.00 1.3
RSSD 123.37 301 ePKP 47 34.13 -2.0
MSU 124.91 291 ePKP 47 38.78 -0.6
BW06 125.83 296 ePKP 47 39.31 -1.8

GSC 125.92 285 PKP 47 42.10 0.8
CD2 127.61 84 ePKP 47 44.80 0.2
Z 20s 0.47um 5.2msz
BONR 128.47 287 ePKP 47 46.87 0.5

LRM 129.25 298 ePKP 47 48.00 0.5
GTA 130.12 73 ePKP 47 48.00 -1.2
Z 20s 0.92um 5.5msz
E 18s 0.68um

LZH 130.82 79 ePKP 47 57.00 6.3X
Z 24s 0.43um 5.1msz
LGPM 133.03 287 ePKP 47 55.95 1.3
RES 134.46 338 ePKP 47 57.00 0.8

LON 135.33 295 ePKP 47 57.69 -1.1
BTO 137.35 77 ePKP 48 06.30 3.4X
TIY 137.41 82 ePKP 48 08.00 5.0X
Z 24s 0.94um 5.4msz

N 21s 0.90um
YKA 137.45 318 ePKP 47 53.80 -8.4X
1.1s 5.10nm
TIA 139.71 87 ePKP 48 10.70 3.5X

BJI 141.12 81 ePKP 48 09.50 0.0
Z 22s 0.62um 5.7msz
SNY 146.89 83 PKPd 48 20.00 .7
CN2 148.98 81 ePKP 48 24.10 1.5

Z 20s 0.63um 5.4msz
PKPab 48 32.50
ePP 52 00.00
KLU 151.98 315 ePKP 48 31.28 4.6X

MDJ 152.05 82 ePKP 48 33.00 5.8X
FBA 152.08 322 ePKP 48 30.86 4.3X
YAK 153.55 43 ePKP 48 28.00 -0.7
Z 16s 0.70um 5.6msz

E 16s 0.50um
MAT 153.91 105 (PKP) 48 40.00 9.9X
1.2s 25.00nm
IMA 153.95 327 (PKP) 48 32.00 2.6X

BGL 155.08 316 ePKP 48 31.91 1.0
S.D. = 1.0 on 38 of 58 obs.

& DEC 03, 1992 06h 36m 44.63s
57.685 N 152.589 W
DEPTH = 40.3km

KODIAK ISLAND REGION (13)
<AEIC>. ML 3.4 (AEIC).

KDC 0.08 40 iP 36 50.79 -0.4
eS 36 55.84

SYI 0.93 6 iP 37 00.29 -1.1
eS 37 12.85
CDD 1.37 336 eP 37 06.58 -1.0
S 37 23.86

AUI 1.71 345 eP 37 11.23 -1.2
S 37 32.46
AUE 1.73 347 eP 37 11.23 -1.5
AUP 1.74 346 eP 37 12.54 -0.4

AUH 1.74 345 eP 37 12.70 -0.3
AUW 1.75 345 eP 37 12.24 -0.8
AUL 1.76 346 eP 37 12.74 -0.4
MCNL 1.76 329 eP 37 11.82 -1.4

XLV 1.83 14 eP 37 13.57 -0.6
CNPM 1.98 20 iP 37 15.37 -1.0
BRLK 2.27 22 eP 37 18.83 -1.7
PDB 2.27 339 eP 37 18.43 -2.1

INE 2.40 354 eP 37 21.04 -1.4
INW 2.41 353 eP 37 20.93 -1.6
ILIM 2.41 356 eP 37 20.93 -1.6
RS1 2.79 358 iP 37 26.47 -1.5

RSO 2.79 358 eP 37 26.23 -1.8
RS2 2.79 358 iP 37 26.51 -1.5
RDW 2.81 358 iP 37 26.63 -1.7
RDN 2.84 358 eP 37 27.15 -1.5

NCT 2.89 357 eP 37 27.38 -2.0
DFR 2.92 359 iP 37 27.74 -2.0
SEW 2.92 33 eP 37 27.16 -2.5
SLKM 3.08 22 iP 37 29.66 -2.4

NKA 3.15 12 eP 37 33.19 0.3
MPA 3.27 29 iP 37 32.34 -2.3
SPU 3.52 4 eP 37 35.82 -2.4
CKL 3.53 2 eP 37 36.59 -1.8

CKT 3.53 3 eP 37 35.87 -2.6
CKN 3.56 3 eP 37 36.89 -1.9
BGL 3.59 2 eP 37 37.03 -2.3
CP2 3.60 3 eP 37 37.14 -2.3

CGLM 3.65 4 iP 37 37.83 -2.3
KNIM 3.66 41 eP 37 38.90 -1.4
PTE 3.68 28 eP 37 37.94 -2.5
NCG 3.74 3 eP 37 39.01 -2.4

PMS 3.89 22 iP 37 40.68 -2.9
SUA 3.91 13 eP 37 40.95 -2.9
HIN 4.16 47 eP 37 44.69 -2.6
KNK 4.29 28 eP 37 46.11 -3.0

FID 4.39 43 eP 37 47.09 -3.5
43 obs. associated

* DEC 03, 1992 08h 28m 04.15±1.43s
44.899 N ± 12.2km 26.484 E ± 6.7km
DEPTH = 10.0km (geophysicist)

ROMANIA (358)

ISR 0.24 10 ePc 28 08.00 -1.3
MLR 0.70 327 ePc 28 18.00 -0.2
BRD 0.74 33 eP 28 13.00 -5.6X

CVO 0.95 347 eP 28 22.00 -0.2
VRI 0.99 10 eP 28 24.00 1.2
MTUR 1.06 288 eP 28 24.50 0.3
CFR 1.22 76 ePc 28 26.50 -0.3

COZ 1.57 286 eP 28 32.00 -0.3
CLI 1.74 18 ePd 28 35.50 0.9
S.D. = 0.9 on 8 of 9 obs.

* DEC 03, 1992 08h 29m 59.56±1.19s
31.557 S ± 10.0km 69.309 W ± 12.9km
DEPTH = 114.8 ± 10.9 km

SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.44 81 iPd 30 16.50 -0.4
ZON 0.54 89 iPd 30 17.50 0.0
eS 30 32.50

RTCV 0.72 115 iPd 30 19.00 0.1
RTL 0.75 73 iPc 30 19.50 0.3
CFA 0.91 93 iPc 30 21.30 0.7
S 30 38.00

MDZ 1.38 164 iP 30 25.20 -0.5
iS 30 45.10
RTPR 2.71 63 ePd 30 43.20 0.7

MRA 3.18 106 ePc 30 49.10 0.4
S 31 23.00
TCA 4.04 88 iP 31 00.30 -0.2

CYA 4.35 45 eP 31 03.00 -1.7

CNCB 14.73 5 P 33 24.00 0.1
 ZOBO 15.24 4 P 33 31.00 0.6
 GKN 157.13 92 PKP 50 00.00 16.9X
 S.D. = 0.8 on 12 of 13 obs.

? DEC 03, 1992 08h 37m 01.87±1.15s
 6.827 N ±17.6km 73.146 W ±18.7km
 DEPTH = 147.0 ± 9.4 km
 4.5mb (3 obs.)

NORTHERN COLOMBIA (99)

BMG 0.25 16 iPc 37 23.00 -0.5
 BOG 2.37 203 eP 37 48.00 5.9X
 SDV 3.22 50 iPnd 37 55.90 3.2X
 TOV 4.43 48 ePnc 38 11.70 3.1X
 iSn 39 01.20

CEOS 5.24 65 iP 38 20.30 0.8
 STH 11.74 343 iPd 39 49.94 4.0X
 ZOBO 23.50 168 eP 42 04.00 3.8X
 LPB 23.74 168 (P) 42 06.00 3.6X
 CNCB 24.03 168 P 42 06.00 0.7
 YKA 63.25 340 eP 47 17.10 0.6

0.5s 1.20nm 4.1mb
 LIC 67.63 86 P 47 44.60 -0.8
 KIC 67.90 86 P 47 46.30 -0.8
 0.6s 3.50nm 4.4mb
 BCAO 91.14 85 ePc 49 42.10 -9.8X
 0.5s 15.00nm 5.4mb

ASPA 149.10 234 iPKPd 54 35.60 5.0X
 0.7s 4.50nm
 WB2 150.31 241 ePKP 56 38.70 6.2X
 0.3s 7.80nm
 WRA 150.32 241 PKP 56 39.20 6.7X
 0.6s 1.30nm
 S.D. = 1.2 on 6 of 16 obs.

% DEC 03, 1992 09h 44m 03.69±0.68s
 10.796 N ± 9.8km 61.174 W ± 9.2km
 DEPTH = 33.0km (normal)

TRINIDAD (98)

MD 2.7 (TRN).

TRN 0.27 237 iPc 44 10.60 -0.4
 eS 44 15.75
 TBH 0.33 161 iP 44 11.46 -0.3
 eS 44 19.57
 TPP 0.55 210 eP 44 15.65 0.7
 eS 44 24.04
 TPR 0.55 45 eP 44 15.20 0.2
 eS 44 24.27
 TCE 0.58 260 iP 44 15.39 0.0
 eS 44 23.86
 BOT 0.58 50 eP 44 15.39 0.0
 S.D. = 0.5 on 6 of 6 obs.

% DEC 03, 1992 09h 56m 26.54±0.79s
 40.656 N ± 6.3km 22.969 E ± 7.8km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

THE 0.02 188 iPg 56 27.86 -0.6
 iSg 56 29.46
 SOH 0.34 60 iPg 56 33.22 -0.3
 iSg 56 39.10
 KNT 0.51 354 ePg 56 37.02 0.2
 eSg 56 45.70
 GRG 0.53 305 ePg 56 37.18 0.0
 eSg 56 46.50
 PAIG 0.91 143 ePg 56 44.60 0.7
 S.D. = 0.7 on 5 of 5 obs.

* DEC 03, 1992 10h 28m 00.96±0.41s
 4.247 S ±11.7km 81.159 W ±14.6km
 DEPTH = 24.7km (9 depth phases)
 4.8mb (9 obs.)

NEAR COAST OF NORTHERN PERU (109)

ARE 15.41 143 eP 31 46.00 7.2X
 ZOBO 17.52 134 P 32 06.40 0.4
 LPB 17.71 135 Pc 32 08.00 -0.1
 CNCB 17.97 135 iPc 32 13.70 2.1
 CCH 19.67 133 eP 32 30.00 -1.7
 SIV 22.93 122 P 33 08.00 3.5X
 UYO 40.22 343 iPc 35 37.90 0.6

MIAR 40.32 344 eP 35 38.49 0.3
 1.0s 8.94nm 4.5mb
 epP 35 45.87 25km

OLY 40.71 347 eP 35 41.33 0.0
 FNO 42.15 340 iPc 35 53.90 0.7
 TUL 42.23 342 eP 35 54.20 0.4

0.4s 13.90nm 5.0mb
 LNO 42.24 342 eP 35 54.00 0.3
 ACO 44.06 339 iPc 36 09.10 0.4

ALO 45.67 331 iPd 36 22.56 0.7
 0.8s 18.02nm 5.1mb

GOL 49.08 335 eP 36 29.96 25km
 1.0s 13.79nm 4.9mb

PLM 50.39 321 (P) 36 59.09 0.5
 MSU 51.32 329 eP 37 05.76 0.0
 epP 37 14.09 28km

ARUT 51.45 327 ePd 37 07.33 0.7
 (pP) 37 14.99 25km

GSC 51.64 323 eP 37 08.70 0.7
 RSSD 52.36 339 eP 37 13.33 -0.1

0.9s 9.02nm 4.7mb
 BW06 53.40 334 eP 37 20.46 24km
 0.7s 4.09nm 4.5mb

HVU 54.10 331 eP 37 25.67 -0.6
 LRM 57.09 334 eP 37 47.20 -0.7

ORV 57.25 323 eP 37 48.82 0.0
 epP 37 55.99 23km

LBFM 58.63 325 eP 37 58.43 -0.3
 epP 38 05.92 25km

YKA 71.26 344 eP 39 18.00 -1.9
 0.9s 1.40nm 4.1mb

LIC 76.72 83 P 39 52.00 -0.5
 TIC 76.77 82 P 39 52.50 -0.3

KIC 77.02 83 P 39 53.80 -0.4
 0.7s 5.00nm 4.7mb

SPA 85.79 180 iPd 40 39.90 0.5
 0.9s 22.73nm 5.4mb

WB2 137.63 234 ePKP 47 24.00 -1.7
 1.1s 4.70nm

WRA 137.64 234 PKP 47 24.90 -0.8
 0.7s 1.40nm

LZH 147.98 352 ePKP 47 45.50 2.1
 1.2s 23.00nm

S.D. = 1.0 on 31 of 33 obs.

? DEC 03, 1992 10h 49m 14.77±8.05s
 46.385 N ±43.5km 1.770 E ±49.5km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.5 (STR).

AGO 1.00 109 Pg 49 33.49 -0.3
 Sg 49 46.87

PYM 1.07 126 Pg 49 35.16 0.2
 Sg 49 49.94

PLDF 1.35 107 Pg 49 40.18 0.5
 Sg 49 58.16

LBL 1.55 138 Pn 49 42.55 0.1
 COLF 1.60 122 Pn 49 42.81 -0.4

S.D. = 0.5 on 5 of 5 obs.

& DEC 03, 1992 11h 05m 37.84s
 59.186 N 149.060 W

DEPTH = 31.2km

KENAI PENINSULA, ALASKA (14)

<AEIC>. ML 2.6 (AEIC).

SEW 0.94 348 iP 05 53.74 -1.1
 eS 06 06.10

BRLK 1.10 303 eP 05 56.83 -0.3
 eS 06 10.72

CNPM 1.17 288 P 06 01.00 2.9
 S 06 11.80

CNPM 1.17 288 iP 05 56.98 -1.1
 eS 06 11.88

MPA 1.32 354 iP 05 58.93 -1.2
 SLKM 1.45 337 iP 06 01.12 -1.0

PTE 1.68 1 iP 06 04.46 -1.0

HIN 1.77 46 eP 06 05.15 -1.7
 eS 06 27.24

SYI 1.82 253 eP 06 05.87 -1.6
 NKA 1.91 326 eP 06 09.12 0.4

PMS 2.08 353 P 06 10.10 -1.2
 CVA 2.16 49 eP 06 10.81 -1.5

ILIM 2.17 296 eP 06 12.03 -0.6
 RDT 2.19 311 eP 06 12.09 -0.7

INE 2.21 295 eP 06 12.05 -1.2
 eS 06 37.93

INW 2.25 295 eP 06 13.08 -0.7
 eS 06 38.45

AUL 2.25 277 eP 06 13.56 -0.1
 KNK 2.25 7 eP 06 12.30 -1.4

REF 2.26 307 eP 06 12.83 -1.1
 RS1 2.26 306 eP 06 13.56 -0.4

RSO 2.26 306 eP 06 13.43 -0.6
 RS2 2.26 306 eP 06 13.54 -0.5

DFR 2.31 309 eP 06 13.55 -1.0
 SGAM 2.35 54 eP 06 13.51 -1.6

VLZ 2.38 34 iP 06 14.08 -1.4
 CDD 2.38 266 eP 06 14.30 -1.3

NCT 2.39 307 eP 06 14.98 -0.8
 PLRM 2.41 359 eP 06 14.81 -1.2

PMR 2.41 359 eP 06 14.21 -1.8
 SUA 2.43 341 iP 06 14.96 -1.4

SPU 2.50 325 iP 06 15.61 -1.7
 CKT 2.56 323 eP 06 16.68 -1.5

CKN 2.57 324 eP 06 17.51 -0.8
 CGLM 2.59 327 eP 06 17.13 -1.4

GHO 2.60 1 P 06 17.70 -0.9
 CRP 2.60 325 eP 06 16.96 -1.8

CKL 2.60 322 eP 06 17.27 -1.4
 S 06 47.96

CP2 2.62 324 eP 06 18.73 -0.4
 SML 2.66 7 iP 06 18.25 -1.2

BGL 2.67 323 ePn 06 17.81 -1.8
 ePg 06 19.11

PDB 2.69 285 eP 06 19.22 -0.6
 NCG 2.71 327 eP 06 19.02 -1.2

SCM 2.79 17 eP 06 20.57 -0.8
 KLU 2.79 33 eP 06 20.09 -1.3

SKT 3.06 338 eP 06 24.20 -0.9
 CROM 3.37 60 eP 06 27.29 -2.4

TZL 3.38 30 eP 06 28.07 -1.7
 WAX 3.38 65 iP 06 27.16 -2.6

GLB 3.46 47 eP 06 29.10 -1.7
 BALM 3.84 58 iP 06 33.62 -2.7

YAH 3.88 69 eP 06 35.01 -2.0
 CTGM 4.26 62 eP 06 39.64 -2.7

TRF 4.32 353 iP 06 42.14 -1.1
 53 obs. associated

DEC 03, 1992 11h 23m 38.44±0.64s
 6.062 S ± 3.2km 130.406 E ± 4.5km

DEPTH = 161.8 ± 6.9 km

5.2mb (47 obs.)

BANDA SEA (280)

AAI 3.23 317 ePd 24 31.50 1.8
 eS 25 06.00

MTN 6.78 174 iPd 25 15.10 -1.5
 MNI 9.30 323 eP 25 51.00 0.9

KNA 9.76 189 iPd 25 54.20 -2.0
 eS 27 32.00

MKS 10.92 274 iPd 26 20.50 9.2X
 WWKK 13.39 80 eP 26 42.00 -1.4

WB2 14.32 165 iPc 26 50.50 -4.6X
 i 26 52.30

BIP 14.78 344 eP 26 57.00 -3.9X
 MDG 15.32 88 e(P) 27 09.00 1.4

CGP 15.50 338 iPd 27 09.50 -0.3

ISR	0.84	218	ePd	38	29.50	-5.3
CFR	0.87	135	iPc	38	35.00	-0.1
MLR	0.99	252	ePc	38	37.00	0.0
S.D. = 0.3 on 6 of 7 obs.						
<hr/>						
? DEC 03, 1992	13h	26m	06.76±10.0s			
43.373 N	±84.1km	23.888 E	±15.3km			
DEPTH = 10.0km (geophysicist)						
BULGARIA						(359)
SRS	2.27	186	ePn	26	45.00	0.2
			eSn	27	16.00	
VAY	2.27	206	iPn	26	45.60	0.7
SKO	2.28	233	ePn	26	57.00	11.9X
KNT	2.33	199	ePn	26	45.08	-0.6
			iSn	27	18.00	
SOH	2.58	189	ePn	26	49.50	0.2
			eSn	27	24.56	
GRG	2.66	205	ePn	26	50.00	-0.4
ALN	2.95	146	ePn	26	54.44	0.0
			iSn	27	35.00	
OUR	3.04	179	iPn	26	55.68	0.0
			eSn	27	37.80	
S.D. = 0.5 on 7 of 8 obs.						
<hr/>						
% DEC 03, 1992	13h	46m	02.12±2.22s			
45.888 N	±12.2km	26.808 E	±9.4km			
DEPTH = 95.0 ± 22.7 km						
ROMANIA						(358)
VRI	0.06	253	iPc	46	15.00	0.1
BRD	0.41	155	iPc	46	17.00	0.0
CVO	0.45	262	iPc	46	17.00	-0.3
MLR	0.72	237	iPc	46	19.00	-0.7
CLI	0.74	26	iPc	46	20.00	0.3
ISR	0.77	194	eP	46	21.00	0.9
CFR	1.18	126	iPc	46	24.00	-0.5
COZ	1.82	253	ePd	46	33.00	0.2
S.D. = 0.7 on 8 of 8 obs.						
<hr/>						
* DEC 03, 1992	14h	00m	08.95±1.04s			
45.241 N	±16.0km	152.069 E	±12.8km			
DEPTH = 33.0km (normal)						
4.8mb (12 obs.)						
EAST OF KURIL ISLANDS						(222)
KUR	2.97	271	iPn	00	56.50	1.7
KUSJ	5.71	251	P	01	32.00	-1.6
			eS	02	33.50	
SKR	6.07	25	ePn	01	37.00	-1.6
Z	16s	1.60um				
YSS	6.74	289	ePnd	01	48.00	-0.1
ASAJ	6.81	264	eP	01	51.10	1.9
HOJ	6.97	249	eP	01	51.60	0.4
			eS	03	07.40	
MRRJ	8.43	254	eP	02	09.50	-2.2
OFUJ	9.87	235	eP	02	29.40	-2.2
			eS	04	13.00	
YAMJ	11.43	236	eP	02	51.50	-1.3
MAT	13.60	235	eP	03	21.00	-0.8
MDJ	15.93	276	eP	03	49.70	-2.4
	1.0s	17.00nm				4.1mb
CN2	19.01	275	eP	04	28.30	-2.1
	0.8s	10.00nm				4.1mb
Z	15s	0.41um				
		epP	04	39.80		51kmX
SNY	20.89	271	Pd	04	50.00	-0.6
BOD	26.34	312	eP	05	39.00	-4.3X
BJI	26.76	272	eP	05	49.50	2.2
	1.0s	18.00nm				4.6mb
Z	16s	0.29um				3.9MsZx
HHC	29.70	276	P	06	15.00	0.9
	0.8s	12.00nm				4.7mb
TIY	30.39	270	eP	06	21.60	1.5
Z	20s	0.37um				4.0MsZ
XAN	34.68	266	P	06	57.50	0.0
LZH	37.22	273	Pc	07	20.50	1.4
	1.2s	41.00nm				5.2mb
Z	20s	0.25um				4.0MsZ
GTA	38.51	280	iPc	07	30.70	0.9
	0.8s	25.00nm				5.1mb
		pP	07	35.80		17kmX
CD2	40.04	266	eP	07	43.40	0.8
WMQ	4					

GUN 54.41 275 P 09 37.12 1.6
 KKN 54.91 276 P 09 41.46 2.5X
 PKI 54.95 275 P 09 39.52 0.1
 DMN 55.14 276 P 09 42.44 1.7
 GKN 55.23 276 P 09 43.18 1.9
 LRM 62.70 52 eP 10 34.80 1.9
 e 10 47.70
 KAF 64.50 335 iP 10 42.20 -2.0
 0.7s 8.20nm 4.9mb
 NUR 66.26 335 iP 10 53.90 -1.5
 0.8s 14.50nm 5.1mb
 HFS 69.61 339 eP 11 14.50 -1.9
 0.4s 3.00nm 4.7mb
 GBA 69.67 269 P 11 19.00 1.6
 NAO 69.70 341 P 11 15.60 -1.3
 0.9s 5.50nm 4.6mb
 OJC 76.29 331 eP 11 55.80 0.1
 CLL 77.53 335 iP 12 02.70 0.1
 1.3s 17.00nm 4.9mb
 S.D. = 1.5 on 35 of 37 obs.

* DEC 03, 1992 14h 07m 16.55±0.66s
 45.622 N ±11.4km 151.813 E ± 8.5km
 DEPTH = 33.0km (normal)
 4.8mb (22 obs.)

KURIL ISLANDS (221)

KUR 2.81 263 ePn 08 00.50 0.5
 SKR 5.81 28 ePn 08 42.50 -0.1
 Z 14s 1.70um
 E 14s 2.10um
 YSS 6.45 286 iPnd 08 53.00 1.3
 N 16s 0.80um
 E 16s 0.50um
 MAT 13.68 233 eP 10 25.00 -5.5X
 SNY 20.71 270 Pc 11 54.90 -1.4
 YAK 20.79 330 eP 11 56.80 -0.2
 1.0s 75.00nm 5.0mb
 BOD 25.95 312 eP 12 45.90 -1.4
 BJI 26.57 271 eP 12 54.50 1.3
 1.0s 22.00nm 4.7mb
 Z 20s 0.29um 3.8msz
 HHC 29.48 275 P 13 19.20 -0.5
 1.0s 17.00nm 4.7mb
 Z 16s 0.59um 4.3mszX
 TIY 30.21 269 eP 13 26.00 -0.2
 XAN 34.52 266 P 14 03.00 -0.8
 1.0s 7.00nm 4.5mb
 sP 14 15.20
 LZH 37.03 272 Pc 14 25.20 0.1
 1.2s 56.00nm 5.3mb
 GTA 38.26 280 iPc 14 35.60 0.2
 0.8s 33.00nm 5.2mb
 pP 14 41.00 18kmX
 CD2 39.89 265 eP 14 48.70 -0.2
 WMO 44.50 292 P 15 26.50 0.0
 0.5s 8.40nm 4.8mb
 LSA 49.43 273 eP 16 07.60 1.8
 CHG 50.98 256 eP 16 17.30 0.2
 YKA 52.37 36 eP 16 26.70 -0.4
 0.8s 2.80nm 4.3mb

GUN 54.20 275 P 16 41.68 0.2
 KKN 54.69 275 P 16 44.96 0.0
 PKI 54.74 275 P 16 44.52 -0.9
 DMN 54.92 275 P 16 46.44 -0.3
 GKN 55.01 276 P 16 46.66 -0.6
 LRM 62.60 52 eP 17 40.10 0.2
 e 17 52.60
 KAF 64.08 335 iP 17 47.80 -1.2
 0.7s 13.40nm 5.2mb
 NUR 65.84 334 iP 17 58.80 -1.5
 0.5s 11.00nm 5.2mb
 HFS 69.19 339 eP 18 19.60 -1.8
 0.4s 4.40nm 4.8mb
 NAO 69.28 341 P 18 20.00 -2.0
 1.1s 12.30nm 4.9mb
 GBA 69.50 269 P 18 23.00 -0.9
 WARB 75.04 203 eP 18 56.00 -0.5
 OJC 75.87 331 eP 19 01.40 0.4
 CLL 77.11 335 iP 19 07.90 0.0
 1.2s 14.00nm 4.9mb

KHC 78.85 334 eP 19 18.40 0.8
 1.0s 5.40nm 4.5mb
 e 19 30.00
 GEC2 79.07 333 P 19 19.10 0.3
 0.5s 1.17nm 4.2mb
 e 19 26.10

KBA 80.74 333 iPd 19 28.80 0.9
 i 19 40.40
 LOR 83.31 339 eP 19 41.80 0.7
 0.7s 3.00nm 4.5mb
 SSF 83.59 339 eP 19 43.60 1.1
 0.7s 2.75nm 4.5mb
 AVF 83.88 339 eP 19 44.30 0.4
 0.8s 4.55nm 4.7mb
 SMF 83.89 338 eP 19 45.10 1.1
 1.0s 20.80nm 5.2mb
 LPL 84.15 336 eP 19 47.00 1.4
 0.8s 6.70nm 4.9mb
 LPG 84.16 336 eP 19 46.30 0.5
 1.1s 12.95nm 5.0mb
 MAF 84.61 339 eP 19 49.30 1.7
 0.9s 12.60nm 5.1mb
 S.D. = 1.0 on 41 of 42 obs.

* DEC 03, 1992 15h 24m 11.13±1.47s
 51.139 N ±17.1km 15.851 E ± 7.8km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 MG 2.6 (WAR).

KSP 0.41 137 iPd 24 18.10 -1.4
 iS 24 26.80
 BRG 1.23 258 ePg 24 33.40 -0.6
 iSg 24 52.90
 PRU 1.42 216 Pg 24 38.00 1.0
 eSg 25 01.50
 e 25 08.80
 CLL 1.80 277 (Pg) 24 42.00 -0.4
 eSg 25 07.00
 KHC 2.49 217 ePn 24 57.00 4.7X
 ePg 25 03.60
 e 25 25.00
 eSg 25 36.40
 OJC 2.67 109 eP 24 56.00 1.0
 eS 25 31.50
 GEC2 2.68 212 Pn 24 55.60 0.4
 Pg 25 01.20
 Sn 25 45.90
 MOX 2.73 261 ePg 25 01.60 5.8X
 iSg 25 39.90

S.D. = 1.2 on 6 of 8 obs.

* DEC 03, 1992 17h 37m 59.02±0.72s
 25.933 S ±11.7km 131.389 E ± 8.2km
 DEPTH = 10.0km (geophysicist)
 NORTHERN TERRITORY, AUSTRALIA (591)

ASPA 3.21 46 iPd 38 51.20 0.7
 iPg 38 55.80
 eS 39 26.30
 i 39 33.90
 FORT 5.65 211 eP 39 32.00 6.9X
 0.4s 22.00nm 5.2mb X
 eS 40 38.00
 WB2 6.56 25 iPc 39 37.20 -0.7
 iS 40 42.90
 i 40 46.80
 OIS 9.25 56 eP 40 16.00 0.5
 eS 41 49.00
 STKA 10.72 126 iPc 40 35.00 -0.7
 eS 42 27.30
 MEEK 11.49 264 eP 40 45.00 -1.2
 eS 42 50.00
 KLB 13.21 242 eP 41 10.70 1.4
 eS 43 32.00
 MRWA 14.04 253 eP 41 20.20 0.0
 eS 43 51.00
 MUN 14.59 242 eP 41 31.00 3.7X
 S.D. = 1.1 on 7 of 9 obs.

* DEC 03, 1992 18h 09m 40.16s
 57.520 N 142.884 W
 DEPTH = 10.0km (geophysicist)
 GULF OF ALASKA (15)
 <AEIC>. ML 3.2 (AEIC).

KAIM 2.54 342 eP 10 17.11 -5.0
 SNH 2.67 0 eP 10 18.66 -5.3
 S 10 48.82
 YAH 2.91 11 iPc 10 22.44 -5.2
 SGAM 3.22 339 ePn 10 26.34 -5.4
 S 11 02.69

CROM 3.25 358 eP 10 26.30 -6.1
 CVA 3.38 335 eP 10 29.00 -4.9
 S 11 05.61
 HIN 3.44 329 eP 10 29.25 -5.6
 S 11 08.53
 BALM 3.54 4 ePc 10 30.55 -5.8
 eS 11 09.76
 CTGM 3.55 12 ePn 10 30.27 -6.2
 FID 3.73 332 eP 10 32.95 -6.1
 S 11 15.66
 GLB 3.96 354 eP 10 36.17 -6.2
 VLZ 4.03 335 ePn 10 38.12 -5.0
 SIT 4.13 93 (P) 11 12.08 27.5
 KLU 4.27 340 eP 10 40.20 -6.6
 PTE 4.61 319 eP 10 44.50 -6.9
 TZL 4.72 345 eP 10 47.25 -5.8
 CNPM 4.82 298 eP 10 49.21 -5.3
 KNK 4.83 326 eP 10 49.79 -4.8
 SLKM 4.83 311 eP 10 49.23 -5.4
 SCM 4.88 334 eP 10 48.89 -6.5
 TOA 4.89 342 P 10 50.20 -5.3
 SML 5.11 330 eP 10 53.20 -5.4
 GHO 5.25 327 P 10 55.00 -5.6
 PAX 5.62 348 ePn 11 00.38 -5.5
 ILIM 5.83 300 eP 11 03.23 -5.5
 CDD 5.86 288 eP 11 03.86 -5.3
 REF 5.88 305 eP 11 02.87 -6.7
 SPU 5.95 312 eP 11 04.91 -5.6
 CGLM 6.01 313 eP 11 05.25 -6.0
 NCT 6.01 305 ePn 11 05.57 -5.8
 CRP 6.04 312 (P) 11 06.03 -5.8
 CP2 6.08 312 ePn 11 07.63 -4.7
 NCG 6.12 313 eP 11 07.32 -5.6
 BGL 6.14 312 eP 11 07.50 -5.6
 MCNL 6.26 290 eP 11 09.69 -5.0
 35 obs. associated

* DEC 03, 1992 18h 12m 37.68±2.06s
 32.698 S ±11.7km 71.462 W ±17.7km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.0 (SAN).

ROCH 0.47 126 iPd 12 47.53 -0.5
 iS 12 56.98
 JACH 0.73 89 iPd 12 50.57 -1.1
 iS 13 02.44
 LCCH 0.78 187 iP 12 51.52 -0.7
 iS 13 05.10
 PEL 0.79 124 iPd 12 52.51 0.1
 iS 13 05.65
 TACH 1.05 155 iP 12 56.55 0.4
 iS 13 13.41
 FCH 1.17 123 iP 12 58.12 0.0
 iS 13 15.79
 PCH 1.22 139 iPd 12 59.29 0.7
 iS 13 17.55
 LNV 1.26 178 iPd 12 58.26 -0.7
 iS 13 17.54
 CACH 1.59 153 iPd 13 05.45 1.5
 iS 13 29.93
 RTCB 2.56 63 ePd 13 19.50 1.6
 RTLL 2.89 63 ePc 13 23.00 0.6
 TCA 5.99 79 eP 14 04.50 -2.0

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

* DEC 03, 1992 18h 24m 48.99±0.53s
 1.321 N ± 8.3km 122.830 E ± 8.6km
 DEPTH = 33.0km (normal)
 4.7mb (1 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

MNI 2.01 87 eP 25 22.20 0.9
 eS 25 48.00
 TSM 5.77 301 eP 26 10.00 -4.5X
 CGP 7.33 15 iPd 26 36.00 -0.4
 KKM 8.10 306 eP 26 51.00 3.6X
 PPI 22.50:266 eP 29 49.00 1.0
 WB2 23.96 152 eP 30 00.00 -1.5
 0.5s 11.40nm 4.7mb
 eS 34 03.00
 NANU 24.78 196 eP 30 09.00 -0.3
 WARB 27.59 173 eP 30 36.00 0.7
 STKA 37.50 153 eP 31 58.40 -3.2X
 BJI 39.01 352 eP 32 15.00 0.8
 CAN 43.90 149 eP 32 57.40 3.0X
 GUN 44.13 310 P 32 55.70 -1.1

03d 18h

PKI 44.33 309 P 32 59.50 1.1
 KKN 44.53 310 P 32 58.90 -1.0
 DMN 44.58 309 P 33 00.30 0.0
 GKN 45.13 310 P 33 03.80 -0.8
 HYB 46.36 293 eP 33 13.70 -0.5
 GBA 46.53 287 P 33 16.00 0.4
 S.D. = 1.1 on 14 of 18 obs.

* DEC 03, 1992 18h 39m 20.25 ± 0.49s
 1.438 N ± 14.1km 122.703 E ± 10.3km
 DEPTH = 33.0km (normal)
 4.5mb (2 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

MNI 2.14 90 eP 39 54.00 -0.3
 WB2 24.13 152 iPc 44 33.10 -1.2
 ARMA 41.99 141 eP 47 11.20 1.0
 GUN 43.96 310 P 47 27.00 0.3
 CAN 44.06 149 eP 47 27.70 0.7
 KKN 44.36 310 P 47 29.70 -0.1
 DMN 44.41 309 P 47 30.20 0.0
 GKN 44.96 310 P 47 34.60 0.1
 HYB 46.19 293 eP 47 44.30 0.1
 GBA 46.38 287 P 47 45.00 -0.6
 S.D. = 0.7 on 10 of 10 obs.

& DEC 03, 1992 19h 17m 24.57s
 59.748 N 153.406 W
 DEPTH = 119.4km
 SOUTHERN ALASKA (2)
 <AEIC>.

OPT 0.13 137 iP 17 40.33 0.7
 INW 0.35 23 eP 17 41.10 -0.9
 INE 0.36 29 eP 17 41.41 -0.7
 AUL 0.37 182 iP 17 41.36 -0.6
 AUW 0.38 185 eP 17 41.36 -0.7
 AUH 0.39 183 eP 17 41.45 -0.7
 AUP 0.39 181 eP 17 41.47 -0.7
 AUE 0.39 177 eP 17 41.20 -0.8
 PDB 0.40 276 iP 17 41.23 -0.9
 ILIM 0.40 34 eP 17 41.44 -0.8
 AUI 0.41 181 eP 17 41.28 -0.9
 MCNL 0.74 220 eP 17 43.51 -0.9
 RS1 0.78 24 eP 17 44.31 -0.8
 RS2 0.79 24 eP 17 44.27 -0.8
 RSO 0.79 24 eP 17 44.21 -0.9
 RDW 0.80 22 eP 17 44.08 -1.1
 REF 0.82 25 eP 17 44.49 -0.9
 CDD 0.83 189 iP 17 44.25 -1.0
 NCT 0.85 16 eP 17 44.59 -1.0
 XLV 0.91 108 eP 17 44.74 -1.2
 DFR 0.92 23 eP 17 45.17 -1.0
 CNPM 1.12 100 eP 17 46.70 -1.5
 SYI 1.26 155 eP 17 48.08 -1.4
 BRLK 1.28 88 eP 17 49.25 -0.5
 SPU 1.59 24 eP 17 52.89 -0.5
 BGL 1.60 18 eP 17 53.08 -0.6
 CGLM 1.71 23 eP 17 54.24 -0.7
 SLKM 1.77 63 eP 17 54.33 -1.3
 SEW 2.02 78 eP 17 57.00 -1.7
 MPA 2.16 68 eP 17 59.09 -1.3
 PMS 2.42 50 iP 18 03.23 -0.7
 PTE 2.45 61 eP 18 02.91 -1.3
 KNK 2.96 54 eP 18 08.95 -2.0
 SML 3.23 48 eP 18 13.39 -1.3
 FID 3.60 71 eP 18 16.14 -3.4
 KLU 4.08 61 eP 18 24.41 -1.8
 36 obs. associated

* DEC 03, 1992 19h 22m 21.49 ± 0.65s
 65.479 N ± 10.4km 52.373 W ± 12.0km
 DEPTH = 10.0km (geophysicist)
 4.4mb (6 obs.)
 WESTERN GREENLAND (680)

GDH 3.81 354 ePd 23 22.10 0.6
 DAG 15.34 29 eP 25 54.20 -5.0X
 JAO 16.48 236 eP 26 14.00 0.0
 RES 16.70 321 eP 26 20.00 3.4X
 FCC 20.29 270 eP 27 06.50 6.9X
 YKA 26.47 293 eP 28 08.30 8.3X
 APD 29.21 68 eP 28 24.40 -0.4
 TIC 67.34 128 P 33 18.40 -0.1
 KIC 67.69 127 P 33 20.80 0.0
 LIC 67.73 128 Pd 33 21.00 0.0
 BAO 78.12 106 iPc 34 23.30 1.2
 TIA 78.31 9 eP 34 37.10 14.3X
 XAN 79.74 16 iPd 34 42.60 11.9X
 CD2 82.16 21 eP 34 42.10 -1.3
 S.D. = 0.9 on 8 of 14 obs.

& DEC 03, 1992 19h 24m 12.10s
 59.203 N 153.845 W
 DEPTH = 104.4km
 SOUTHERN ALASKA (2)
 <AEIC>.

AUI 0.25 58 eP 24 26.33 0.7
 MCNL 0.25 266 iP 24 26.55 0.9
 AUW 0.25 49 iP 24 26.56 0.9
 AUH 0.26 52 eP 24 26.40 0.6
 AUP 0.27 54 eP 24 26.71 0.9
 AUL 0.28 49 eP 24 26.66 0.9
 AUE 0.29 57 eP 24 26.71 0.9
 CDD 0.29 159 iP 24 26.53 -0.9
 OPT 0.55 35 eP 24 28.13 -0.9
 PDB 0.61 343 iP 24 28.48 -0.9
 INW 0.94 22 eP 24 31.39 -1.2
 INE 0.95 24 eP 24 31.76 -1.0
 SYI 0.96 128 eP 24 31.38 -1.3
 ILIM 0.99 27 eP 24 32.20 -0.9
 CNPM 1.37 75 eP 24 35.91 -1.6
 RS1 1.38 23 eP 24 36.57 -1.1
 RS2 1.38 23 eP 24 36.56 -1.1
 RSO 1.38 23 eP 24 36.50 -1.2
 REF 1.41 24 eP 24 36.83 -1.3
 NCT 1.44 18 eP 24 37.16 -1.2
 DFR 1.51 22 eP 24 37.75 -1.5
 BRLK 1.61 68 eP 24 38.44 -2.0
 CP2 2.22 20 eP 24 46.93 -1.5
 SLKM 2.25 53 eP 24 47.09 -1.6
 MPA 2.61 58 eP 24 51.22 -2.1
 PTE 2.94 53 eP 24 55.22 -2.6
 LTI 3.16 72 eP 24 58.22 -2.6
 KNK 3.48 48 eP 25 02.30 -2.9
 28 obs. associated

DEC 03, 1992 19h 26m 43.26 ± 0.87s
 6.390 S ± 3.8km 130.048 E ± 5.8km
 DEPTH = 162.5 ± 9.4 km
 5.1mb (31 obs.)
 BANDA SEA (280)

AAI 3.26 325 iPd 27 36.60 1.7
 MTN 6.50 171 iPd 28 13.00 -4.7X
 MNI 9.36 326 ePc 28 55.00 -0.7
 KNA 9.39 188 iPd 28 51.30 -4.7X
 WWKK 13.80 79 eP 29 50.40 -2.9X
 WB2 14.11 163 iPd 29 50.80 -6.4X
 DAV 14.11 341 e(P) 29 56.10 -1.1
 BIP 15.00 345 iPd 30 02.00 -6.4X
 CGP 15.68 340 iPd 30 15.00 -1.8
 MDG 15.69 87 eP 30 17.00 0.1
 OIS 16.86 148 eP 30 28.00 -3.2X
 PMG 17.21 101 eP 30 34.00 -1.5
 TRT 17.33 265 iPd 30 18.30 -18.6X
 ASPA 17.57 168 iPc 30 35.80 -4.0X
 Z 23s 0.40um 33 38.60 5.7mb
 PLP 18.15 344 ePc 30 45.80 -0.3
 KKM 18.53 312 ePc 30 50.60 0.5
 WARB 19.95 189 eP 31 04.00 -0.7
 CTA 20.81 132 iPd 31 14.00 0.6
 NANU 21.32 220 eP 31 18.40 0.0
 PGP 21.73 335 iPc 31 24.40 2.0
 TGY 22.28 336 iPc 31 30.00 2.2
 OCP 22.71 337 eP 31 26.00 -5.9X
 OVP 22.72 337 eP 31 34.20 2.1
 MEEK 22.89 207 iPd 31 31.50 -2.2
 OLP 24.21 148 eP 31 47.70 1.4
 FORT 24.33 184 eP 31 47.00 -0.4
 BAG 24.52 338 ePc 31 49.00 -0.4
 CVP 25.28 341 eP 31 56.00 -0.3
 COOL 25.76 198 eP 31 52.00 -8.7X
 MRWA 26.30 209 eP 32 05.00 -0.6
 RMO 26.78 140 eP 32 12.70 2.7X
 BAL 27.15 206 eP 32 13.00 -0.3
 STKA 27.56 158 iPd 32 16.30 -0.6
 KLB 27.58 203 iPc 32 16.90 -0.3
 MUN 28.55 205 eP 32 25.00 -0.9
 BRS 30.04 137 eP 32 40.00 0.9
 PPI 30.17 280 eP 32 40.00 -0.3
 BWA 32.66 151 eP 33 04.20 2.3
 BFD 32.69 161 eP 33 03.00 0.9
 CAN 33.66 151 eP 33 10.10 -0.5
 CNB 33.83 151 eP 33 13.50 1.4
 KHT 37.62 304 iPc 33 45.00 0.9
 SSE 38.23 348 Pc 33 49.00 0.0
 BDT 38.64 308 eP 33 53.00 0.4
 CHG 39.59 310 ePd 34 00.80 0.3

0.7s 22.60nm 5.0mb
 NJ2 39.69 345 iPc 34 02.00 1.0
 1.0s 40.00nm 5.1mb
 GYA 39.76 326 iPd 34 02.00 0.2
 0.8s 16.00nm 4.8mb
 KMI 41.08 321 Pd 34 13.50 0.7
 0.8s 30.00nm 4.9mb
 TSRJ 42.07 7 P 34 20.70 0.1
 CHJJ 43.04 11 P 34 27.20 -1.2
 MTMJ 43.36 9 P 34 30.30 -0.8
 MAT 43.38 10 iPd 34 29.80 -1.4
 0.9s 49.58nm 5.1mb
 KAKJ 43.42 12 P 34 30.70 -0.8
 NIIJ 44.20 10 P 34 36.80 -0.9
 TIY 46.85 341 Pc 34 58.40 -0.4
 BJI 47.94 346 eP 35 07.00 0.0
 1.5s 140.00nm 5.4mb
 SNY 48.35 354 Pd 35 09.80 -0.3
 1.0s 42.00nm 5.0mb
 LZH 48.89 332 iPd 35 15.20 0.5
 1.5s 81.00nm 5.2mb
 pP 35 49.50 151kmX
 sP 36 01.00
 PcP 36 41.50
 PP 37 08.00
 S 42 04.00
 sS 43 00.00
 HHC 49.98 342 P 35 22.60 -0.3
 1.0s 28.00nm 4.9mb
 CN2 50.13 356 Pd 35 23.10 -0.7
 0.8s 29.00nm 5.0mb
 epP 35 51.50 121kmX
 BTO 50.26 340 eP 35 24.40 -0.6
 MDJ 50.77 360 Pd 35 28.50 -0.1
 1.0s 33.00nm 5.0mb
 LSA 51.79 316 iPd 35 38.00 0.8
 0.8s 14.00nm 4.7mb
 S 42 47.00
 GTA 53.46 331 iPd 35 49.00 0.1
 1.0s 38.00nm 5.1mb
 GUN 54.59 311 P 35 57.38 -0.3
 PKI 54.77 310 P 35 58.54 -0.4
 KKN 54.98 310 P 35 59.84 -0.4
 DMN 55.02 310 P 36 00.38 -0.2
 GKN 55.58 310 P 36 04.16 -0.3
 GBA 55.88 291 P 36 05.80 -0.8
 HYB 56.09 296 eP 36 07.20 -1.0
 NDI 61.65 307 Pc 36 45.00 -1.3
 WMQ 62.91 327 iPd 36 55.00 0.6
 0.8s 55.00nm 5.5mb
 KSH 67.57 317 P 37 26.60 2.2
 0.7s 30.00nm 5.2mb
 MAIO 78.34 309 iPd 38 28.70 1.4
 0.8s 8.42nm 4.5mb
 GEC2 111.99 320 PKP 45 01.50 0.7X
 0.7s 0.81nm
 KIC 135.08 273 PKP 45 48.20 2.3X
 LIC 135.36 272 PKP 45 48.80 2.4X
 YAJ 147.79 152 ePKPd 46 14.00 5.4X
 CNCB 150.86 143 PKP 46 22.50 8.9X
 LPB 151.00 142 ePKP 46 23.00 9.4X
 ZOBO 151.17 142 PKP 46 24.20 10.1X
 S.D. = 1.0 on 64 of 82 obs.
 ? DEC 03, 1992 19h 30m 05.53±7.32s
 38.731 N ±55.9km 23.455 E ±29.8km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 AGG 0.92 289 ePg 30 23.24 0.0
 eSg 30 35.76
 PAIG 1.21 8 ePb 30 28.16 0.2
 eSb 30 43.04
 LIT 1.56 332 ePb 30 33.50 0.2
 eSb 30 53.24
 OUR 1.65 14 ePb 30 34.68 0.0
 eSb 30 55.52
 KNT 2.46 350 ePn 30 45.96 -0.4
 S.D. = 0.3 on 5 of 5 obs.
 ? DEC 03, 1992 20h 00m 53.41±0.91s
 44.504 N ±5.4km 7.097 E ±9.7km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.7 (GEN).
 PZZ 0.00 73 P 00 55.24 -0.2

S 00 56.20
 STV 0.31 148 P 00 59.77 -0.1
 S 01 03.89
 BHB 0.36 19 P 01 00.68 -0.1
 S 01 05.90
 ENR 0.36 140 P 01 01.05 0.2
 S 01 05.54
 RRL 0.47 332 P 01 03.11 0.1
 S 01 10.34
 ROB 0.59 110 P 01 05.40 0.0
 S 01 13.36
 RSP 0.66 10 P 01 06.59 0.0
 S 01 15.56
 LSD 0.95 2 P 01 11.85 0.1
 S.D. = 0.1 on 8 of 8 obs.
 DEC 03, 1992 20h 04m 03.75±0.40s
 38.932 N ±4.1km 21.192 E ±3.0km
 DEPTH = 10.0km (geophysicist)
 3.4mb (1 obs.)
 GREECE (364)
 ML 3.6 (ATH), 3.6 (TIR).
 VLS 0.89 212 ePg 04 19.90 -0.9
 eSg 04 34.00
 AGG 0.89 84 ePg 04 19.50 -1.4
 eSg 04 33.00
 IGT 0.90 312 ePg 04 19.30 -1.6
 eSg 04 32.00
 SRN 1.32 316 iPnd 04 29.40 1.3
 iSn 04 47.40
 KEK 1.33 306 ePb 04 29.20 0.9
 KZN 1.44 18 iPbc 04 30.50 0.5
 eSb 04 51.50
 LIT 1.54 40 ePb 04 30.94 -0.4
 eSb 04 53.62
 TPE 1.64 327 ePn 04 32.50 -0.2
 iSn 04 58.20
 FNA 1.86 4 ePb 04 35.80 -0.1
 eSb 05 02.02
 VLO 2.02 320 ePn 04 40.00 1.8
 PAIG 2.17 62 ePn 04 39.58 -0.8
 iSn 05 09.30
 THE 2.18 38 ePn 04 40.86 0.3
 OHR 2.20 352 iPn 04 41.30 0.4
 iPg 04 46.90
 i 05 10.90
 Lg 05 15.90
 i 05 18.70
 ATH 2.20 115 ePn 04 42.80 1.9
 GRG 2.23 24 ePn 04 40.66 -0.6
 SOH 2.52 41 ePn 04 45.06 -0.3
 eSn 05 18.42
 OUR 2.57 56 ePn 04 46.02 -0.1
 iSn 05 17.90
 KNT 2.58 30 ePn 04 46.00 -0.3
 eSn 05 19.82
 VLI 2.61 147 ePn 04 48.50 1.9
 VAY 2.61 23 iPn 04 47.00 0.3
 TIR 2.62 338 ePn 04 47.40 0.6
 SRS 2.86 39 ePn 04 49.30 -0.9
 eSn 05 26.00
 LACI 2.93 338 ePn 04 51.00 -0.2
 SKO 3.04 3 iPn 04 53.10 0.3
 iPg 05 00.20
 i 05 02.40
 iSn 05 29.20
 iSg 05 39.00
 Lg 05 51.00
 KKB 3.27 26 iPc 04 57.00 1.0
 MMB 3.29 35 eP 04 56.00 -0.3
 BCI 3.54 346 ePn 05 00.20 0.4
 BRT 3.63 304 P 05 00.70 -0.5
 TDS 3.84 282 P 05 05.20 1.1
 RZN 3.85 43 eP 05 04.00 -0.5
 VTS 3.96 22 eP 05 06.00 0.0
 SOI 4.12 260 P 05 06.90 -1.2
 eSn 05 52.30
 KDZ 4.22 49 eP 05 09.00 -0.5
 MGR 4.52 287 P 05 13.50 -0.3
 ATN 4.56 262 P 05 13.00 -1.3
 eSn 06 03.20
 SDI 6.28 299 P 05 38.50 -0.3
 MLR 7.44 27 eP 05 59.00 3.9X
 HFS 21.75 350 eP 08 52.20 -4.8X
 0.4s 0.70nm 3.4mb
 S.D. = 0.9 on 36 of 38 obs.

* DEC 03, 1992 20h 17m 49.08±1.47s
 51.263 N ±14.8km 15.734 E ±7.3km
 DEPTH = 5.0km (geophysicist)
 POLAND (548)
 ML 3.0 (VIE).
 KSP 0.55 140 iPd 17 58.20 -1.9
 0.5s 47.00nm
 iS 18 06.10
 BRG 1.19 252 iPg 18 13.40 1.6
 iSg 18 33.00
 PRU 1.49 211 ePn 18 16.50 0.0
 0.3s 13.40nm
 Pg 18 18.70
 eSn 18 36.00
 Sg 18 42.50
 CLL 1.72 273 ePn 18 18.00 -1.7
 iPg 18 20.80
 eSg 18 46.00
 KHC 2.54 214 iPn 18 32.00 0.3
 ePg 18 42.50
 eSg 19 22.50
 HOF 2.63 250 ePn 18 32.60 -0.3
 MOX 2.68 258 ePn 18 33.00 -0.6
 iPg 18 41.00
 iSg 19 20.00
 GEC2 2.75 209 Pn 18 35.50 0.7
 Pg 18 42.50
 Sg 19 22.30
 OJC 2.79 110 eP 18 36.90 1.7
 eS 19 10.60
 WET 2.80 222 iPnd 18 35.90 0.5
 VKA 3.03 173 iPg 18 46.40 7.9X
 i 19 26.00
 i(Sg) 19 32.40
 GRF 3.28 243 ePn 18 42.20 0.0
 ePg 18 53.40
 eSg 19 40.70
 KBA 4.47 201 iPnc 18 58.90 -0.3
 iSg 20 13.90
 S.D. = 1.2 on 12 of 13 obs.
 ? DEC 03, 1992 20h 34m 09.54±1.54s
 8.567 N ±31.0km 76.149 W ±16.6km
 DEPTH = 33.0km (normal)
 NEAR NORTH COAST OF COLOMBIA (96)
 UPA 3.37 277 ePc 35 01.96 0.8
 i 35 44.76
 i 35 45.80
 BMG 3.39 116 eP 35 02.00 0.5
 ECO 3.59 283 eP 35 03.71 -0.6
 eS 35 47.37
 BOG 4.43 152 eP 35 17.00 0.4
 eS 36 11.00
 SDV 5.46 86 ePn 35 38.60 7.6X
 eSn 36 44.70
 TOV 6.39 79 eP 35 50.90 6.9X
 eS 37 13.50
 CEOS 7.74 86 eP 36 07.00 4.1X
 ZOBO 25.94 162 P 39 35.00 -6.5X
 SIV 28.61 148 eP 40 04.00 -1.1
 S.D. = 1.2 on 5 of 9 obs.
 DEC 03, 1992 20h 54m 21.77±0.32s
 44.353 N ±2.3km 7.299 E ±3.8km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.4 (GEN), 1.9 (STR).
 STV 0.11 171 P 54 25.35 0.6
 S 54 27.23
 ENR 0.15 145 P 54 25.84 0.4
 S 54 28.04
 DOI 0.16 346 Pd 54 26.50 1.1
 eSg 54 29.70
 PZZ 0.21 317 P 54 27.08 0.7
 S 54 30.51
 TOUF 0.34 186 Pg 54 28.72 -0.2
 AUTN 0.37 165 Pg 54 29.52 0.1
 Sg 54 33.49
 SAOF 0.41 153 Pg 54 30.11 -0.1
 Sg 54 35.34
 ROB 0.41 98 P 54 30.65 0.4
 S 54 37.19
 AURF 0.47 178 Pg 54 31.04 -0.2

03d 20h

MVIF	0.47	193	Sg	54	37.06	
			Pg	54	31.08	-0.3
BHB	0.49	357	Sg	54	37.24	
			S	54	31.15	-0.6
IMI	0.61	136	P	54	37.33	
			S	54	33.80	-0.4
FIN	0.67	102	P	54	41.81	
			S	54	34.86	-0.2
CALN	0.67	206	Pg	54	44.47	
RRL	0.68	327	P	54	34.87	-0.3
			S	54	35.21	-0.1
RSP	0.80	358	P	54	45.06	
			S	54	36.05	-1.3
PCP	0.91	78	P	54	45.61	
			S	54	39.43	0.2
LSD	1.11	355	P	54	51.38	
			S	54	42.91	0.1
			S	54	57.60	

S.D. = 0.6 on 18 of 18 obs.

& DEC 03, 1992 21h 58m 20.44s
34.331 N 116.911 W
DEPTH = 1.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.6 (GS).

PEC	0.48	205	iPc	58	29.66	-0.5
SSK	0.66	260	ePc	58	32.93	-0.7
			S	58	41.67	
GSC	0.97	5	ePd	58	38.69	-1.0
			S	58	52.31	
ISA	1.85	316	ePn	58	51.40	-2.1
			ePg	58	54.13	
GLA	2.16	126	ePn	58	56.04	-1.9
BCH	2.75	289	ePn	59	05.79	-0.7
BONR	3.79	343	(Pn)	59	22.21	0.8
			ePg	59	31.39	

7 obs. associated

DEC 03, 1992 22h 08m 48.97±0.33s
43.280 N ± 4.9km 84.408 E ± 5.1km
DEPTH = 10.0km (geophysicist)
4.6mb (24 obs.)
NORTHERN XINJIANG, CHINA (332)
ML 4.8 (BJI).

WMO	2.45	76	iPnc	09	29.30	-0.4
PRZ	4.49	262	ePn	10	06.50	7.8X
			eS	11	14.50	
AAA	5.45	272	ePn	10	18.50	6.3X
FRU	7.19	270	eP	10	42.80	6.1X
			eS	12	12.00	
KSH	7.40	242	Pn	10	45.60	5.9X
			0.5s	20.00nm	5.6mb	
ELT	10.05	6	iPd	11	12.10	-4.2X
			0.5s	58.00nm	6.3mb	X
UER	10.56	35	eP	11	18.80	-4.4X
			0.6s	10.00nm	5.4mb	
GTA	12.21	103	eP	11	40.50	-5.4X
			pP	11	47.50	
BRVK	13.56	321	eP	12	10.00	6.4X
			0.5s	12.00nm	5.1mb	
			eS	14	24.00	
MOY	13.98	47	eP	12	21.80	12.6X
LSA	14.59	156	Pc	12	20.20	2.5X
			1.4s	17.00nm	4.4mb	
ZAK	14.72	55	eP	12	18.00	-0.9
			2.0s	17.00nm	4.2mb	
GKN	15.25	179	P	12	26.52	0.5
GUN	15.38	175	P	12	28.34	0.3
			0.9s	78.00nm	5.0mb	
KKN	15.47	177	P	12	29.24	0.2
			1.0s	36.00nm	4.6mb	
DMN	15.65	178	P	12	31.40	0.0
			1.2s	54.00nm	4.7mb	
PKI	15.70	177	P	12	32.28	0.2
			1.0s	54.00nm	4.7mb	
LZH	16.58	109	eP	12	43.00	-0.1
			1.2s	15.00nm	4.0mb	
			Z	10s	0.32um	
QUE	19.09	233	P	13	19.10	4.7X
BTO	19.22	89	eP	13	12.60	-3.2X
SYE	20.26	320	ePd	13	33.00	6.0X
			Z	13s	0.50um	4.1MsZ
			N	12s	0.50um	
			E	12s	0.40um	
HHC	20.28	88	P	13	27.40	-0.1

MAIO	0.8s	12.00nm	4.3mb	13	31.00	3.0X
			i	14	30.00	
ARU	21.04	318	eP	13	39.00	4.0X
XAN	21.19	108	eP	13	36.50	-0.3
CIT	21.40	56	eP	13	41.00	2.2
TIY	21.97	95	eP	13	45.00	0.3
Z	14s	0.48um	4.1MsZ	14	17.50	17.2X
KMI	23.53	134	eP	14	17.50	17.2X
			0.6s	60.00nm		
BOD	23.62	42	eP	14	01.50	0.9
			1.0s	16.00nm	4.5mb	
NR1	26.25	3	eP	14	31.00	5.4X
			1.3s	20.00nm	4.6mb	
HYB	26.26	193	eP	14	30.20	4.1X
CHG	27.30	149	eP	14	40.60	4.9X
KAF	38.34	320	iP	16	11.50	0.3
			0.3s	2.80nm	4.5mb	
NUR	39.14	317	iP	16	18.00	0.1
			0.2s	5.20nm	4.9mb	
HFS	44.59	318	eP	17	01.70	-0.9
			0.4s	1.10nm	4.1mb	
Z	15s	108.00um	6.9MsZ	33	24.00	
NAO	45.84	319	P	17	10.60	-1.9
			0.6s	2.90nm	4.4mb	
CLL	47.32	306	iP	17	24.60	0.3
GEC2	47.76	303	P	17	28.80	0.8
			0.7s	0.73nm	3.9mb	
			e	18	28.20	
LPG	53.46	301	eP	18	12.20	0.6
			0.7s	11.25nm	5.0mb	
LPL	53.46	301	eP	18	12.00	0.5
			0.5s	8.45nm	5.0mb	
BCAO	69.51	256	iPc	19	59.50	-0.4
			0.7s	9.00nm	5.0mb	
			i	20	50.50	
YKA	73.48	9	eP	20	28.40	5.5X
			0.6s	1.40nm	4.2mb	
WRA	77.84	133	P	20	47.50	-0.7
			0.5s	0.80nm	4.1mb	
WB2	77.85	133	eP	20	46.70	-1.6
			0.5s	2.50nm	4.6mb	
			i	20	53.00	
			i	21	47.30	
ZOBO	144.37	311	ePKP	28	24.00	-4.0X
LPB	144.55	310	ePKP	28	20.00	-8.0X
CNCB	144.70	310	PKP	28	24.00	-4.5X

S.D. = 0.9 on 24 of 47 obs.

? DEC 03, 1992 23h 25m 40.03±7.48s
39.369 N ±51.0km 28.710 E ±14.3km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST	0.24	345	iPg	25	45.00	0.0
KCT	0.92	343	iPg	25	58.10	0.0
BNT	1.16	329	ePn	26	02.00	-0.1
EDC	1.17	327	iPn	26	02.50	0.1
YLV	1.30	23	ePn	26	04.60	0.0

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

& DEC 03, 1992 23h 36m 15.95s
34.251 N 116.430 W
DEPTH = 3.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.7 (GS).

PEC	0.70	240	ePc	36	29.10	-0.9
			S	36	38.64	
SSK	1.05	268	ePc	36	35.46	-1.0
			eS	36	49.97	
GSC	1.09	344	P	36	36.25	-0.9
GLA	1.79	131	ePn	36	45.68	-2.4
			eS	37	12.16	
ISA	2.19	311	ePn	36	53.19	-0.7
			ePg	36	56.37	
			S	37	25.42	

5 obs. associated

DEC 04, 1992 00h 33m 01.06±0.37s
22.246 S ± 5.9km 63.606 W ± 7.8km
DEPTH = 525.2 ± 6.9 km
4.1mb (6 obs.)
SALTA PROVINCE, ARGENTINA (129)

YJA	1.76	272	iPd	34	09.60	0.3
SLA	3.02	215	iPd	34	16.00	1.0
			(S)	35	16.00	
FSA	4.41	209	iP	34	25.60	0.5
CCH	5.40	333	P	34	33.00	-1.1
CYA	6.48	197	iPd	34	43.90	-0.1
SIV	6.67	21	iPc	34	50.60	4.8X
CNCB	6.80	322	iPd	34	47.90	0.2
			S	36	11.00	
LPB	7.09	323	P	34	50.10	-0.3
			S	36	16.00	
ZOBO	7.31	323	P	34	52.30	-0.5
			S	36	18.30	
RTPR	8.44	197	ePc	35	02.60	-0.9
TCA	9.10	185	eP	35	09.00	-1.4
ARE	9.40	306	iPc	35	13.50	-0.4
			iS	36	59.00	
RTLL	10.03	205	ePd	35	20.00	-0.1
CFA	10.20	203	ePc	35	21.40	-0.4
RTCB	10.30	206	ePc	35	23.60	0.7
PEL	12.53	208	iPd	35	46.20	0.4
RFA	13.19	198	e(P)	35	43.00	-9.6X
VAO	15.38	96	eP	36	14.70	0.0
			e	36	16.40	
BAO	16.16	69	Pd	36	23.00	0.5
BDF	16.23	69	Pd	36	23.80	0.6
BMA	17.99	95	(P)	36	42.00	1.9
LIC	63.92	71	P	42	43.20	-1.1
TIC	64.12	70	P	42	44.40	-1.2
KIC	64.23	71	P	42	45.00	-1.3
			0.7s	26.50nm	4.9mb	
NVL	64.39	159	iPd	42	46.90	0.4
			1.0s	23.00nm	4.7mb	
ALO	69.92	323	eP	43	23.70	2.7
			0.9s	3.36nm	3.9mb	
GOL	72.92	327	eP	43	40.20	1.8
			0.9s	3.79nm	3.9mb	
RSSD	75.71	331	eP	43	53.60	-0.2
			0.9s	5.11nm	4.0mb	
BW06	77.32	327	iP	44	01.50	-1.1
			1.0s	2.50nm	3.6mb	
BUL	84.54	109	iPc	44	40.10	0.0
GBA	142.04	96	PKP	51	32.00	-3.3X
HYB	144.14	91	iPKPd	51	38.10	-0.8
			0.7s	71.40nm		
GKN	150.73	72	PKP	51	54.90	5.6X
			0.4s	49.00nm		
DMN	151.17	73	PKP	51	56.60	6.5X
			0.7s	20.00nm		
KKN	151.32	73	PKP	51	56.80	6.6X
			0.6s	25.00nm		
PKI	151.45	73	PKP	51	56.26	5.7X
			0.4s	4.00nm		
GUN	151.84	72	PKP	51	57.60	6.5X
			0.8s	30.00nm		

S.D. = 1.1 on 29 of 37 obs.

? DEC 04, 1992 00h 34m 50.87±4.99s
10.496 N ±29.5km 62.409 W ±32.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF VENEZUELA (97)
MD 3.5 (TRN).

TCE	0.68	73	iPc	35	04.86	0.6
			i	35	05.26	
			eS	35	13.06	
TPP	0.96	101	eP	35	08.87	-0.2
			i	35	09.23	
			eS	35	21.65	
TRN	1.00	81	eP	35	08.75	-1.1
			eS	35	20.42	
TBH	1.32	90	eP	35	15.99	0.7
GRW	1.81	24	eP	35	22.46	0.1
			eS	35	46.52	
SVB	2.98	22	eP	35	38.27	-0.8
			eS	36	15.27	
SVV	3.04	22	eP	35	40.89	1.0
			eS	36	16.77	
BIM	4.21	18	eP	35	56.49	0.0
MVM	4.30	20	eP	35	57.86	0.0
DFD	4.39	16	eP	35	58.78	-0.3

WESTERN GULF OF ADEN

(559)

AAE	8.03	248	eP	40	16.50	-1.6
KER	22.13	2	eP	43	19.00	3.0X
LWI	22.50	232	i(P)c	43	21.10	1.2
QUE	26.25	44	eP	43	58.00	2.2
MAIO	26.84	24	eP	44	05.00	4.0X
BCAO	28.50	257	iPc	44	16.00	-0.2
	1.5s	13.00nm				4.5mb
GBA	30.38	84	P	44	34.00	1.1
GKN	39.12	60	P	45	46.82	-1.2
DMN	39.41	61	P	45	50.52	-0.1
KKN	39.61	61	P	45	51.34	-0.9
	1.0s	19.00nm				4.7mb
PKI	39.66	61	P	45	51.08	-1.7
GUN	40.15	61	P	45	55.58	-1.3
	1.3s	46.00nm				5.0mb
SRO	42.58	332	iP	46	17.40	1.4
ZST	43.42	332	e(P)	46	22.10	-0.8
OBN	43.54	352	eP	46	23.00	-0.7
	1.5s	42.00nm				5.0mb
GEC2	45.49	330	P	46	38.80	-0.9
	0.7s	2.21nm				4.2mb
		e		46	43.30	
BRG	46.77	332	e(P)	46	51.60	2.0
WRA	92.25	110	P	51	31.90	1.6
	0.9s	1.50nm				4.4mb
S.D. = 1.5 on 16 of 18 obs.						

DEC 04, 1992 00h 59m 55.66 ± 1.05s
 15.942 N ± 5.8km 61.152 W ± 14.1km
 DEPTH = 104.7 ± 11.3 km

LEEWARD ISLANDS (92)
 MD 3.7 (TRN).

SFG	0.31	352	ePc	00	11.43	0.4
DEG	0.38	13	ePc	00	11.42	0.0
		S		00	22.00	
PAG	0.52	280	eP	00	12.23	-0.1
		S		00	23.80	
SEG	0.57	323	iPc	00	12.93	0.3
		S		00	24.80	
MDN	0.67	201	iP	00	13.53	0.1
		eS		00	26.38	
FDF	1.20	180	iPc	00	18.76	-0.3
		S		00	34.90	
CRM	1.20	169	iPc	00	18.69	-0.3
		S		00	34.80	
MGH	1.28	307	eP	00	19.90	0.0
		S		00	37.20	
BPA	1.29	328	eP	00	19.80	-0.2
MVM	1.40	170	iPc	00	21.23	-0.1
		S		00	40.20	
BIM	1.42	177	iPc	00	21.61	0.0
		S		00	40.80	
CPB	1.81	339	iP	00	26.23	-0.2
SVB	2.66	182	eP	00	37.50	-0.2
		eS		01	09.25	
TRN	5.27	183	eP	01	14.00	0.6
S.D. = 0.3 on 14 of 14 obs.						

DEC 04, 1992 01h 57m 13.08 ± 3.13s
 4.984 S ± 20.8km 129.887 E ± 17.8km
 DEPTH = 196.9 ± 33.1 km
 4.7mb (3 obs.)

BANDA SEA (280)

MTN	7.91	171	eP	59	06.30	0.1
	0.3s	35.00nm				5.2mb
		eS		00	28.00	
KNA	10.76	186	eP	59	42.80	-0.3
		eS		01	33.00	
WB2	15.49	164	eP	00	42.80	0.0
		eS		03	24.90	
QIS	18.14	149	iPd	01	14.00	0.8
	0.2s	3.00nm				4.4mb
		eS		04	32.00	
ASPA	18.97	169	iPc	01	21.60	-0.4
		iS		04	41.00	
GUN	53.56	310	P	06	16.60	0.1
	0.6s	10.00nm				4.6mb
PKI	53.75	310	P	06	18.00	0.2
KKN	53.96	310	P	06	19.20	0.0
DMN	54.00	309	P	06	19.60	0.0
GKN	54.56	310	P	06	23.60	0.1
ACO	125.19	48	iPd	12	28.30	-1.0
WEO	126.35	50	iPd	12	34.90	0.4

OCO 126.90 49 iPd 12 46.80 9.9X
 LNO3 127.99 47 ePd 13 03.10 21.4X
 S.D. = 0.5 on 12 of 14 obs.

? DEC 04, 1992 01h 59m 01.76 ± 0.97s
 8.967 N ± 48.9km 81.266 W ± 12.0km
 DEPTH = 33.0km (normal)

PANAMA (81)

DVD	1.28	246	iPc	59	23.43	-0.1
		eS		59	40.64	
BRU	1.29	263	iPd	59	24.03	0.0
ECO	1.60	76	iPd	59	28.09	-0.1
UPA	1.71	89	iPc	59	29.75	0.1
		eS		59	50.53	
S.D. = 0.1 on 4 of 4 obs.						

& DEC 04, 1992 02h 08m 57.50s
 34.369 N 116.897 W

DEPTH = 3.1km
 5.3mb (46 obs.) 4.8MsZ (12 obs.)

SOUTHERN CALIFORNIA (43)

<PAS>P>. ML 5.3 (PAS), 5.4 (BRK), 5.2 (GS). Felt (V) at Arcadia, Big Bear City, Fawnskin, Orange and Santa Ana; (IV) at Anaheim, Blue Jay, Burbank, El Monte, Hemet, Idyllwild, Indio, La Quinta, Littlerock and Rosemead. Felt in Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura Counties. Felt as far as Las Vegas, Nevada.

CENTROID, MOMENT TENSOR (HRV)

Date Used: GDSN

L.P.B.: 7S, 11C

Centroid Location:

Origin Time 02:09: 6.0 0.6

Lot 34.37N FIX; Lon 116.90W FIX

Dep 15.0 FIX Half-duration 1.0

Moment Tensor: Scale 10¹⁶ Nm

Mrr= 6.75 1.02 Mtt=-7.31 0.62

Mff= 0.56 1.07 Mrt= 1.14 1.22

Mrf=-2.52 1.34 Mtf= 1.89 0.95

Principal Axes:

T Val= 7.66 Plg=71 Azm= 85

N 0.28 18 287

P -7.94 7 195

Best Double Couple: Mo=7.8*10¹⁶

NP1: Strike=265 Dip=41 Slip= 62

NP2: 120 54 112

PEC 0.52 205 iPd 09 07.37 -0.6

SSK 0.68 257 iPc 09 10.38 -0.7

PEM 0.83 256 ePc 09 13.02 -1.0

VPD 0.91 233 ePd 09 14.47 -1.0

GSC 0.93 5 iPc 09 15.09 -0.9

MWC 0.97 262 iPc 09 15.63 -1.1

PLM 1.01 178 iPd 09 16.41 -1.0

FLAS 1.02 241 eP 09 17.29 -0.1

PAS 1.08 259 eP 09 17.40 -1.0

SNS 1.08 210 eP 09 17.54 -0.9

LNAS 1.12 239 eP 09 19.29 0.2

RCP2 1.18 240 eP 09 19.81 -0.4

GFP 1.19 259 eP 09 19.79 -0.6

LOMS 1.28 244 eP 09 21.62 -0.2

SCY 1.32 259 eP 09 21.79 -0.7

FMA 1.33 241 eP 09 21.17 -1.5

PVRC 1.37 244 eP 09 22.62 -0.8

PVPS 1.38 245 eP 09 22.64 -0.9

CIW 1.64 237 eP 09 26.21 -1.2

BLG 1.81 262 eP 09 29.06 -0.8

ISA 1.83 315 iPnc 09 28.54 -1.6

BCH 2.75 288 iPc 09 41.54 -1.8

PKEM 3.13 304 ePn 09 47.11 -1.5

PHAM 3.22 298 ePn 09 47.73 -2.3

MTUM 3.27 336 ePnd 09 50.60 -0.3

FRI 3.48 320 eP 09 52.20 -1.4

MRCM 3.54 339 ePn 09 54.80 0.0

PRI 3.55 301 eP 09 53.48 -1.3

MMPM 3.67 332 ePn 09 57.29 0.7

MEMM 3.68 334 ePn 09 57.17 0.7

LLA 3.99 305 eP 09 58.57 -2.4

SAO	4.41	304	iPd	10	04.90	-
ARUT	4.41	38	ePnc	10	06.35	-
CMB	4.62	323	ePn	10	08.89	-1
KVN	4.77	349	ePn	10	12.13	-0
ARN	4.80	310	ePnc	10	09.89	-2
COE	4.83	308	ePn	10	10.20	-2.7
GCC	4.93	304	iPd	10	11.36	-2.8
PCC	5.44	307	eP	10	18.74	-2.7
HMR	5.47	315	(Pn)	10	20.96	-1.0
TUC	5.51	110	ePn	10	19.05	-3.5
BKS	5.56	311	iPd	10	20.51	-2.7
ZSP	5.62	311	iPd	10	21.41	-2.5
MSU	5.62	41	ePnd	10	23.71	-0.5
NTYM	6.14	312	iPnd	10	28.53	-2.8
ORV	6.35	326	(P)	10	33.95	-0.4
DUG	6.66	28	ePn	10	38.62	-0.2
SRU	6.97	45	ePnc	10	44.95	1.8
MIN	7.04	329	eP	10	45.17	1.0
LMEM	7.19	330	(P)	10	45.73	-0.5
		eS		12	41.42	
EMUT	7.29	40	ePnc	10	48.77	1.0
PV09	7.49	54	ePnc	10	50.09	-0.5
PV10	7.49	55	ePn	10	49.12	-1.5
DAU	7.52	35	eP	10	52.10	1.1
WDC	7.65	326	(Pn)	10	49.99	-2.5
		ePg		11	17.48	
		eS		12	52.55	
PV08	7.86	55	ePnc	10	54.64	-1.2
LBFM	8.01	332	eP	10	58.54	0.8
HVU	8.08	22	eP	10	59.63	0.9
KMPM	8.33	319	ePn	11	01.30	-0.9
ALO	8.62	83	ePn	11	04.52	-1.8
		ePg		11	37.74	
		eS		13	27.25	
BW06	10.17	32	ePn	11	28.14	0.5
		eS		14	20.64	
GOL	10.64	57	ePn	11	32.58	-1.5
		ePg		12	24.60	
GLD	10.76	57	(P)	11	36.92	1.2
	1.5s	50.10nm				5.7mb X
VGB	11.52	346	(P)	11	46.67	0.7
LRM	11.93	15	eP	11	54.80	3.1
SHW	12.49	343	eP	12	03.01	3.9
LON	12.92	345	eP	12	07.17	2.5
BMW	13.01	340	eP	12	07.75	1.8
DPW	13.52	356	eP	12	14.77	2.0
NEW	13.88	359	eP	12	18.97	1.5
	1.0s	111.34nm				5.7mb X
GMW	13.89	343	(P)	12	19.00	1.5
RSSD	13.92	42	ePn	12	16.36	-1.8
	0.7s	7.78nm				4.7mb X
WMOK	14.94	83	eP	12	31.19	-0.2
	1.5s	114.75nm				5.2mb
MCW	14.97	345	(P)	12	34.31	2.7
FNO	16.04	81	iPd	12	47.90	2.2
SES	16.58	13	ePd	12	54.20	1.7
	2.0s	742.00nm				5.5mb
		pP		13	04.00	
SIO	16.92	79	e(P)	13	01.00	4.2
TUL	17.33	79	iPd	13	03.10	1.1
	1.0s	121.10nm				5.0mb
Z	16s	2.15um				
		e		13	06.10	
		e		13	36.00	
		Lg		18	09.00	
		LR		18	16.00	
LNO	17.33	79	iPd	13	02.90	1.0
		Lg		18	10.90	
LNO2	17.33	79	iPd	13	03.00	1.0
RLO	17.95	78	iPd	13	10.30	0.6
UYO	18.55	84	iPd	13	16.30	-0.8
MIAR	19.23	83	eP	13	24.54	-0.9
	0.7s	52.70nm				4.9mb
MRX	20.19	132	(P)	13	38.50	2.4
OLY	20.86	80	eP	13	42.50	-0.6
FVM	21.64	73	(P)	13	51.36	0.4
	0.8s	64.84nm				5.1mb
TPM	22.05	129	(P)	13	57.00	1.6
ULM	22.10	38	eP	13	58.50	3.1
PPM	22.27	129	(P)	14	00.50	2.5
ELC	22.59	75	(P)	14	01.85	1.4
OXX	24.95	129	(P)	14	26.00	2.2
SIT	25.92	337	P	14	40.00	7.8
	Z	21s	2.64um			4.7MsZ
TKL	27.09	78	(P)	14	42.81	-0.5
YKA	28.18	2	eP	14	53.70	0.8
	1.0s	11.40nm				4.6mb

04d 02h

FCC	28.72	25 eP	15 02.50	4.7	MAF	83.00	38 eP	21 24.90	-0.4	DEPTH = 1.5km				
NAV	29.30	74 iPd	15 03.14	-0.2		0.8s	22.30nm		5.4mb	SOUTHERN CALIFORNIA	(43)			
JSC	29.34	80 iPd	15 03.05	-0.6	RJF	83.09	39 eP	21 25.40	-0.4	<PAS-P>. ML 3.0 (PAS).				
BLA	29.61	74 ePd	15 05.98	-0.1		0.9s	19.65nm		5.3mb	SSK	0.66	256 eP	19 24.18	-0.6
	1.2s	71.37nm		5.4mb	Z	21s	0.80um		5.1msz		S		19 33.86	
LHS	29.67	79 iPd	15 05.92	-0.7	CIT	83.32	331 eP	21 22.00	-4.9	GSC	0.93	6 iPd	19 29.27	-1.0
SGS	30.17	82 iPd	15 10.74	-0.3	MOX	83.95	30 iPd	21 31.30	1.2		S		19 44.95	
CEH	30.83	76 ePd	15 15.85	-1.0		1.9s	83.00nm		5.6mb	PLM	1.02	177 eP	19 30.58	-1.2
	0.7s	15.58nm		5.0mb	Z	22s	1.00um		5.2msz		S		19 44.29	
CBN	31.92	71 e(P)	15 27.00	0.6	N	18s	0.90um			BCH	2.73	288 (Pn)	19 55.77	-1.7
RSNY	33.92	60 P	15 50.00	6.2	CLL	84.01	29 iPd	21 30.70	0.4	BONR	3.75	343 ePn	20 11.32	-0.8
	Z	19s	1.07um	4.6msz		1.9s	57.00nm		5.5mb	5 obs. associated				
PMR	34.09	333 eP	15 45.43	0.4	GRF	84.51	31 eP	21 34.80	1.9					
	1.3s	72.41nm		5.4mb		1.3s	50.00nm		5.6mb					
	Z	19s	0.66um	4.4msz	Z	18s	1.40um		5.4msz	& DEC 04, 1992 03h 12m 29.20s				
FBA	35.81	338 eP	15 59.85	0.2	BRG	84.72	29 iPd	21 34.20	0.3	34.359 N			116.912 W	
	0.9s	13.23nm		4.8mb		2.0s	110.00nm		5.7mb	DEPTH = 1.2km				
HRV	36.08	63 P	16 10.00	7.8	PRU	85.65	29 eP	21 39.50	0.9	SOUTHERN CALIFORNIA	(43)			
	Z	18s	0.54um	4.4msz		Z	16s	1.10um	5.3mszX	<PAS-P>. ML 3.0 (PAS), 2.7 (GS).				
SVW	36.43	329 eP	16 05.40	0.4	KSP	85.66	28 eP	21 39.60	0.9	PEC	0.51	204 eP	12 38.84	-0.5
	0.8s	16.20nm		4.9mb	KHC	85.93	30 eP	21 40.00	-0.1		S		12 46.01	
SDN	36.54	319 P	16 20.00	14.0		Z	16s	2.00um	5.6mszX	SSK	0.66	257 eP	12 41.97	-0.5
	Z	21s	0.83um	4.5msz	N	18s	0.80um				S		12 51.64	
TTA	37.51	332 eP	16 13.59	-0.5	E	18s	1.50um			GSC	0.94	5 ePd	12 46.94	-1.0
	0.9s	10.29nm		4.6mb	GEC2	86.20	30 P	21 40.60	-0.9	PLM	1.00	178 eP	12 48.04	-1.1
HON	38.34	261 P	16 30.00	8.5		0.8s	1.04nm		4.1mb X	ISA	1.83	316 ePn	12 59.97	-2.1
	Z	21s	0.49um	4.3msz	OBN	88.03	15 ePd	21 50.00	-0.1	GLA	2.17	126 eP	13 05.24	-1.8
IMA	38.44	337 eP	16 22.12	0.2		1.8s	84.00nm		5.8mb	BCH	2.74	288 ePn	13 13.79	-1.4
	1.0s	50.63nm		5.2mb	MOY	88.09	338 eP	21 52.00	1.5	TNP	3.72	356 (Pn)	13 29.95	0.7
RES	41.79	9 eP	16 51.00	1.6		1.1s	52.00nm		5.8mb	BONR	3.76	343 (Pn)	13 29.04	-0.9
DAG	58.68	15 eP	18 56.00	-2.1	ZAK	88.45	336 ePd	21 53.50	1.3		ePg		13 40.55	
	0.8s	14.18nm		5.1mb		1.6s	39.00nm		5.4mb	ARUT	4.43	38 (P)	13 37.79	-1.5
TIK	64.83	341 iPd	19 38.40	-1.0		Z	12s	0.39um	5.0mszX	MSU	5.64	41 (Pn)	13 54.38	-2.0
	1.9s	100.00nm		5.7mb	ELT	90.45	346 eP	22 01.20	-0.4	11 obs. associated				
	Z	19s	0.50um	4.7msz		2.7s	40.00nm		5.2mb					
ZOBO	68.47	129 P	20 03.10	-0.9	BJI	91.23	322 eP	22 05.00	-0.4	& DEC 04, 1992 03h 14m 38.33s				
	LR	44 44.00			BRVK	92.71	356 iPd	22 12.00	0.0	34.363 N			116.924 W	
LPB	68.67	129 P	20 04.00	-1.0		1.2s	30.00nm		5.6mb	DEPTH = 1.8km				
CNCB	68.95	129 P	20 06.00	-0.9	Z	18s	0.69um		5.1msz	SOUTHERN CALIFORNIA	(43)			
YAK	70.09	333 eP	20 12.00	-0.5	WB2	116.15	263 ePKP	27 42.70	-1.6	<PAS-P>. ML 3.1 (PAS).				
	2.0s	129.00nm		5.7mb		0.9s	3.50nm			PEC	0.51	203 ePd	14 48.13	-0.4
CCH	70.56	128 eP	20 14.00	-2.4	WRA	116.16	263 PKP	27 43.50	-0.8		S		14 55.07	
SIV	72.96	124 P	20 34.00	3.5		0.9s	1.40nm			SSK	0.65	257 eP	14 50.80	-0.6
DMU	73.40	35 eP	20 32.00	-0.5	CER	143.82	101 ePKP	28 38.50	2.6		S		15 00.48	
	1.1s	116.00nm		5.9mb	BUL	146.40	74 iPKPd	28 40.30	-0.5	GSC	0.94	6 ePd	14 56.13	-1.0
DCN	73.55	36 eP	20 32.80	-0.6	MAW	146.72	180 ePKP	28 41.00	1.4	PLM	1.01	177 ePd	14 57.19	-1.1
DLF	73.94	36 eP	20 33.30	-2.3		1.4s	100.00nm			ISA	1.82	316 ePn	15 08.58	-2.4
	1.3s	180.00nm		5.9mb	BLF	148.29	91 iPKPc	28 42.60	-1.0	GLA	2.18	126 eP	15 14.51	-1.7
EKA	74.28	33 P	20 39.00	1.4	PRY	148.58	86 ePKP	28 46.00	1.9	BCH	2.73	288 (P)	15 22.66	-1.4
	1.1s	15.50nm		4.9mb		1.0s	16.00nm			TNP	3.72	356 ePn	15 36.89	-1.4
NRI	74.92	351 iPd	20 39.30	-1.7	SLR	148.78	83 iPKPc	28 45.50	1.0	BONR	3.75	343 (Pn)	15 39.62	0.8
	Z	2.0s	106.00nm	5.5mb		1.3s	48.08nm				ePg		15 49.39	
NAO	76.01	24 P	20 46.60	-0.8	SEK	149.21	89 iPKPc	28 46.50	1.4	9 obs. associated				
	1.4s	25.00nm		5.1mb		1.0s	25.00nm							
HFS	77.46	23 eP	20 54.80	-0.7	GRM	149.74	98 ePKP	28 49.50	3.9	& DEC 04, 1992 03h 25m 41.85s				
	1.0s	24.60nm		5.3mb	BFT	150.20	82 ePKP	28 50.00	3.3	34.372 N			116.906 W	
BOD	78.64	335 eP	21 00.50	-1.5		170 obs. associated				DEPTH = 2.8km				
	1.5s	45.00nm		5.3mb	? DEC 04, 1992 02h 12m 16.79± 2.04s					SOUTHERN CALIFORNIA	(43)			
FLN	79.76	37 eP	21 07.50	-0.7	40.608 N ± 40.3km 28.910 E ± 9.7km					<PAS-P>. ML 3.1 (PAS), 3.0 (GS).				
	1.2s	35.70nm		5.2mb	DEPTH = 10.0km (geophysicist)					PEC	0.52	204 ePd	25 51.77	-0.5
GRR	79.81	37 eP	21 08.20	-0.3	TURKEY					SSK	0.67	256 ePd	25 54.56	-0.7
	1.4s	81.05nm		5.5mb	MD 2.6 (ISK).					GSC	0.93	5 iPd	25 59.27	-1.1
LPF	79.96	38 eP	21 08.50	-0.8	YLV	0.35	96 iPg	12 24.10	0.0	PLM	1.02	178 ePd	26 00.78	-1.1
	1.0s	42.20nm		5.3mb			iSg	12 28.50		ISA	1.82	315 ePn	26 12.62	-1.8
LDF	80.05	37 eP	21 09.30	-0.5	KCT	0.55	230 iPg	12 28.00	-0.1		eS		26 37.72	
	1.2s	53.55nm		5.4mb			iSg	12 36.50		GLA	2.18	127 ePn	26 17.28	-2.3
NUR	80.34	18 eP	21 12.00	0.9	EDC	0.84	252 ePg	12 33.00	0.0	BCH	2.74	288 ePn	26 26.23	-1.4
MAT	80.68	308 eP	21 12.00	-1.5	EYL	0.95	92 ePg	12 35.00	0.0	MTUM	3.27	336 ePg	26 42.78	7.6
	1.0s	13.00nm		4.9mb						MMPM	3.66	333 ePn	26 40.31	-0.6
MDZ	80.70	141 i(P)	21 14.60	1.1	S.D. = 0.1 on 4 of 4 obs.					MEMM	3.68	334 (Pn)	26 40.52	-0.3
LSF	82.45	38 eP	21 22.10	-0.4							ePg		26 50.29	
	0.8s	11.55nm		5.1mb	& DEC 04, 1992 02h 13m 48.52s						S		27 38.42	
TCF	82.77	38 eP	21 24.30	0.1	34.359 N					DEPTH = 0.9km				
	0.8s	11.95nm		5.1mb	116.921 W					SOUTHERN CALIFORNIA	(43)			
SSF	82.88	36 eP	21 24.30	-0.4						<PAS-P>. ML 3.1 (PAS).				
	1.0s	24.00nm		5.4mb	PEC	0.51	203 eP	13 58.27	-0.4					
BGF	82.91	37 eP	21 24.30	-0.5	SSK	0.66	257 eP	14 01.10	-0.5	ARUT	4.42	38 (Pn)	26 50.24	-1.3
	0.9s	41.10nm		5.6mb	PLM	1.00	177 eP	14 07.50	-1.0		ePg		27 03.08	
LOR	82.91	36 eP	21 24.50	-0.4			S	14 21.39		MSU	5.62	41 ePn	27 06.17	-2.5
	0.9s	25.05nm		5.4mb	3 obs. associated					14 obs. associated				
	Z	23s	0.63um	4.9mszX										
LFF	82.93	39 eP	21 25.10	0.1						& DEC 04, 1992 04h 40m 11.79± 2.48s				
	0.8s	18.65nm		5.3mb						18.610 N ± 22.1km 66.398 W ± 7.3km				
AVF	83.00	37 eP	21 24.70	-0.6						DEPTH = 10.0km (geophysicist)				
	0.9s	21.15nm		5.4mb						PUERTO RICO REGION	(90)			

APR 0.35 244 P 40 19.00 0.0
 SJG 0.55 155 iP 40 24.00 1.1
 LPR 0.58 121 P 40 23.00 -0.7
 S 40 36.00
 PORP 0.60 202 P 40 24.00 0.1
 MCP 0.70 254 P 40 27.00 1.3
 S 40 42.50
 CPD 0.73 141 P 40 26.10 0.0
 MGP 0.89 228 P 40 27.00 -1.8
 S 40 42.70

S.D. = 1.3 on 7 of 7 obs.

& DEC 04, 1992 05h 25m 11.22s

34.377 N 116.918 W

DEPTH = 2.9km

4.1mb (4 obs.)

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 4.8 (PAS), 4.7
 (BRK), 4.5 (GS). Felt (V) at Big
 Bear City, Fawnskin and Fontana;
 (IV) at Alto Lomo, La Quinta,
 Lancaster, Orange, Palmdale, San
 Bernardino and Santa Ana. Felt
 in Kern, Los Angeles, Orange,
 Riverside and San Bernardino
 Counties.

PEC 0.52 203 iPd 25 21.09 -0.6
 SSK 0.66 256 iPc 25 23.85 -0.6
 ISA 1.81 316 ePc 25 41.97 -1.6
 GLA 2.19 127 P 25 51.40 2.3
 BCH 2.73 288 ePc 25 54.92 -1.9
 MTUM 3.26 336 eP 26 03.52 -0.9
 FRI 3.46 320 iPc 26 07.52 0.4
 MRCM 3.53 339 eP 26 07.99 -0.3
 PRI 3.54 301 ePc 26 05.33 -3.0
 MMPM 3.65 333 eP 26 10.34 0.2
 MEMM 3.67 334 eP 26 11.31 1.3
 TNP 3.71 356 P 26 12.10 1.3
 BONR 3.74 343 (P) 26 11.89 0.5
 LLA 3.97 305 eP 26 11.47 -2.9
 PRS 4.13 299 iPd 26 13.29 -3.3
 SAO 4.39 304 eP 26 17.36 -3.0
 ARUT 4.42 39 eP 26 19.58 -1.3
 CMB 4.60 323 ePc 26 21.77 -1.6
 S 27 30.14
 KVN 4.76 349 eP 26 25.80 0.0
 ARN 4.78 310 eP 26 23.29 -2.6
 MHC 4.84 309 iPc 26 23.83 -3.1
 S 27 41.49
 GCC 4.91 304 eP 26 23.82 -3.9
 PCC 5.42 307 eP 26 31.09 -3.8
 8KS 5.54 311 iPc 26 33.19 -3.5
 S 27 37.53
 ZSP 5.60 311 eP 26 34.67 -2.7
 MSU 5.63 41 eP 26 37.06 -1.0
 NTYM 6.12 312 eP 26 41.29 -3.5
 ORV 6.34 326 (P) 26 44.58 -3.3
 DUG 6.66 28 (P) 26 48.60 -4.0
 SRU 6.98 46 eP 26 55.34 -1.7
 EMUT 7.29 40 eP 27 01.72 0.2
 BW06 10.17 32 eP 27 41.29 -0.2
 VGB 11.51 346 eP 28 03.02 3.5
 LRM 11.93 15 eP 28 08.50 3.1
 LON 12.90 345 (P) 28 25.79 7.5
 NEW 13.87 359 eP 28 32.13 1.0
 RSSD 13.92 42 (P) 28 30.64 -1.3
 S 0.8s 2.03nm 4.0mb
 SES 16.58 13 eP 29 06.00 -0.2
 UYO 18.56 84 iPd 29 29.90 -1.1
 MIAR 19.24 83 eP 29 38.18 -1.2
 S 0.7s 10.35nm 4.2mb
 OLY 20.88 80 eP 29 56.06 -0.9
 FVM 21.66 73 eP 30 04.33 -0.6
 S 0.7s 10.73nm 4.4mb
 ULM 22.10 38 eP 30 11.50 2.3
 YKA 28.18 2 eP 31 05.00 -1.6
 S 0.7s 1.40nm 3.9mb
 WRA 116.14 263 PKP 43 56.50 -1.5
 S 0.6s 0.20nm
 45 obs. associated

DEC 04, 1992 05h 36m 16.50±0.16s
 48.355 N ±3.4km 153.331 E ±2.8km
 DEPTH = 110.9km (6 depth phases)
 5.1mb (94 obs.)

KURIL ISLANDS (221)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 6S, 7C

Centroid Location:

Origin Time 05:36:18.4 2.5

Lat 48.64N 0.17 Lon 153.37E 0.30

Dep 100.410.7 Half-duration 1.0

Moment Tensor: Scale 10**16 Nm

Mrr= 1.21 0.32 Mtt=-2.16 0.56

Mff= 0.95 0.47 Mrt=-0.98 0.86

Mrf=-4.20 0.67 Mtf=-3.66 0.83

Principal Axes:

T Vol= 5.79 Plg=38 Azm= 70

N 0.32 41 203

P -6.11 26 318

Best Double Couple: Mo=5.9*10**16

NP1: Strike= 98 Dip=42 Slip= 169

NP2: 197 83 49

SKR 2.93 37 ePn 37 02.20 -0.1
 iS 37 37.50
 KUR 4.88 232 iPnc 37 31.00 2.2
 eS 38 26.50
 PET 5.76 34 ePn 37 42.00 1.1
 Z 12s 0.60um
 eS 38 42.00
 YSS 7.29 263 iPnc 38 05.00 4.0X
 N 17s 0.50um
 E 17s 0.60um
 KUSJ 8.00 232 P 38 09.80 -1.6
 eS 39 33.60
 ASAJ 8.53 244 P 38 22.70 4.0X
 HOOJ 9.25 234 eP 38 27.80 -0.6
 eS 40 06.90
 MRRJ 10.46 240 eP 38 45.00 0.5
 eS 40 35.10
 OFUJ 12.52 227 eP 39 07.30 -4.4X
 eS 41 18.40
 SEY 14.59 358 eP 39 39.00 0.6
 MAT 16.21 229 (P) 40 00.00 1.1
 0.8s 24.63nm 4.5mb
 eS 43 10.00
 MDJ 16.75 266 eP 40 05.80 0.3
 0.7s 59.00nm 4.9mb
 YAK 19.05 325 iPd 40 32.50 0.3
 1.0s 579.00nm 5.9mb
 eS 44 05.00
 CN2 19.82 267 P 40 38.00 -2.4
 0.8s 170.00nm 5.4mb
 Z 16s 0.59um
 N 14s 0.42um
 E 14s 0.25um
 eP 41 03.00 147kmX
 eS 44 11.00
 BOD 25.02 307 eP 41 31.60 0.4
 0.7s 8.00nm 4.3mb
 CIT 25.48 293 eP 41 36.00 0.4
 e 41 57.00 96kmX
 TIK 25.96 343 iPc 41 38.50 -1.2
 1.6s 42.00nm 4.7mb
 i 42 19.00 205kmX
 i 42 31.00
 BJI 27.68 266 eP 41 54.00 -1.6
 1.8s 48.00nm 4.8mb
 Z 20s 0.30um 3.9MsZ
 TIA 29.13 259 eP 42 09.70 0.9
 SSE 29.85 247 Pd 42 16.00 0.9
 1.0s 21.00nm 4.8mb
 HHC 30.36 271 iPc 42 19.40 -0.3
 1.2s 61.00nm 5.2mb
 N 10s 0.16um
 NJ2 30.64 251 iPc 42 22.50 0.4
 0.8s 21.00nm 4.9mb
 TTA 31.13 43 eP 42 25.50 -0.7
 0.8s 5.82nm 4.4mb
 SVW 31.25 47 eP 42 27.90 0.7
 0.9s 23.00nm 4.9mb
 TIY 31.39 266 Pd 42 29.30 0.6
 1.0s 37.00nm 5.1mb
 Z 10s 0.38um 4.4MsZ
 E 10s 0.18um
 BTO 31.51 272 eP 42 29.00 -0.8
 ZAK 32.16 293 iPc 42 35.00 -0.1
 1.4s 28.00nm 4.8mb
 e 43 00.50 115km
 IMA 32.43 37 eP 42 36.85 -0.7

0.7s 6.47nm 4.5mb
 BRW 32.46 27 eP 42 36.66 -0.9
 CRP 32.92 46 eP 42 41.72 -0.2
 MOY 33.20 296 eP 42 44.80 0.6
 SLKM 33.92 48 eP 42 49.78 -0.6
 PMR 34.36 46 eP 42 56.60 2.6
 WHN 34.51 253 Pc 42 55.50 -0.1
 0.5s 66.00nm 5.7mb
 FBA 34.82 40 iPd 42 57.45 -0.5
 0.8s 17.15nm 5.0mb
 TOA 35.71 45 eP 43 06.60 1.0
 XAN 35.83 263 P 43 06.50 -0.4
 1.0s 29.00nm 5.1mb
 KLU 35.90 46 eP 43 06.72 -0.5
 NRI 37.28 328 (P) 43 15.00 -3.5X
 1.0s 24.00nm 5.0mb
 e 43 41.00 113km
 e 44 45.00
 e 45 34.00
 LZH 38.01 270 Pd 43 25.50 0.2
 1.2s 170.00nm 5.8mb
 GTA 38.89 277 P 43 32.80 0.2
 1.0s 18.00nm 4.8mb
 Z 14s 0.58um 4.6MsZ
 pP 43 56.80 103km
 CD2 41.18 264 iPd 43 51.70 0.3
 1.0s 92.00nm 5.5mb
 ELT 41.26 303 iP 43 50.80 -0.9
 1.3s 53.00nm 5.2mb
 Z 12s 4.10um 5.5MsZ
 e 45 38.00
 GYA 42.23 256 P 44 00.60 0.5
 1.2s 110.00nm 5.5mb
 NVS 42.34 306 iP 44 00.00 -0.6
 1.6s 40.00nm 5.0mb
 e 44 25.70 111km
 e 45 40.00
 i 46 14.90
 WMO 44.50 290 P 44 18.00 -0.3
 1.0s 28.00nm 5.0mb
 Z 16s 0.31um 4.3MsZ
 pP 44 41.00 97kmX
 pP 46 00.00
 pS 49 48.00
 eS 50 47.50
 KMI 45.70 258 Pc 44 28.50 0.4
 1.5s 60.00nm 5.2mb
 RES 49.27 19 ePd 44 55.60 0.6
 0.8s 11.00nm 4.8mb
 YKA 49.56 38 eP 44 57.00 -0.4
 0.8s 13.00nm 4.9mb
 BRVK 50.00 309 iPd 44 59.00 -1.9
 1.4s 25.00nm 5.0mb
 Z 16s 0.16um 4.1MsZ
 E 16s 0.15um
 LSA 50.35 272 P 45 05.60 1.2
 CHG 52.65 256 ePd 45 21.90 0.7
 0.9s 52.52nm 5.5mb
 KSH 54.22 291 eP 45 33.00 0.2
 1.0s 70.00nm 5.6mb
 GUN 55.02 274 P 45 38.04 -0.9
 0.5s 28.00nm 5.5mb
 KKN 55.50 274 P 45 41.92 -0.3
 0.6s 33.00nm 5.5mb
 PKI 55.56 274 P 45 42.20 -0.6
 0.6s 20.00nm 5.3mb
 DMN 55.73 274 P 45 43.88 -0.1
 0.7s 47.00nm 5.6mb
 GKN 55.79 275 P 45 43.82 -0.4
 NEW 56.10 54 eP 45 45.20 -0.9
 0.9s 8.07nm 4.7mb
 SES 57.95 49 eP 45 58.00 -1.2
 FCC 59.84 34 ePd 46 14.00 2.0
 LRM 60.11 54 eP 46 14.20 -0.2
 BONR 61.88 64 eP 46 25.97 -0.5
 TNP 62.44 63 eP 46 29.47 -0.6
 0.8s 6.29nm 4.6mb
 DUG 63.60 59 eP 46 37.35 -0.2
 0.8s 3.27nm 4.3mb
 pP 47 07.30
 BW06 63.68 55 eP 46 37.65 -0.6
 0.8s 7.14nm 4.7mb
 eP 47 04.78
 NUR 63.82 335 eP 46 38.00 -0.5
 0.3s 3.10nm 4.7mb
 DAU 64.34 57 eP 46 42.88 0.3
 ARUT 64.86 61 eP 46 45.52 -0.3

04d 05h

MSU 65.10 60 eP 46 47.01 -0.4
 ULM 65.21 41 eP 46 50.50 2.9
 SRU 65.64 58 eP 46 50.13 -0.6
 RSSD 65.68 50 eP 46 49.75 -1.3
 0.7s 11.47nm 4.9mb
 PV09 66.84 58 eP 46 58.07 -0.6
 PV10 66.98 58 eP 46 59.13 -0.3
 ePcP 47 24.71
 HFS 67.00 339 eP 46 56.90 -2.0
 0.4s 2.60nm 4.5mb
 NAO 67.03 341 P 46 57.20 -1.9
 0.7s 3.30nm 4.4mb
 PV08 67.06 57 ePd 46 59.71 -0.3
 HYB 67.12 271 eP 46 59.50 -0.7
 1.2s 57.10nm 5.4mb
 CTA 68.42 187 P 47 08.19 0.1
 POO 69.46 275 iPd 47 11.60 -3.1X
 WB2 70.08 199 iPc 47 17.20 -1.0
 0.6s 47.10nm 5.5mb
 WRA 70.08 199 P 47 17.40 -0.9
 0.6s 22.70nm 5.2mb
 GBA 70.60 269 P 47 21.30 -0.3
 DZM 71.08 167 iPc 47 24.10 -0.3
 ASPA 73.78 199 iPc 47 40.20 0.1
 0.6s 22.70nm 5.2mb
 ipP 48 05.70 99kmX
 OJC 73.99 331 eP 47 41.10 0.0
 KSP 74.53 333 iPc 47 44.00 -0.2
 RMQ 74.61 184 iPc 47 44.80 0.0
 0.4s 8.00nm 4.9mb
 i 48 13.30 112km
 EKA 74.81 346 Pc 47 45.40 -0.3
 0.6s 12.50nm 4.9mb
 EEO 74.95 34 eP 47 48.50 1.8
 CLL 75.06 335 iPd 47 46.70 -0.5
 1.4s 59.00nm 5.2mb
 i 47 52.80 20kmX
 BRG 75.19 335 iPc 47 47.60 -0.4
 1.5s 34.00nm 4.9mb
 VRI 75.22 325 eP 47 49.00 0.8
 VRAC 75.79 332 iPc 47 51.80 0.5
 1.0s 49.30nm 5.3mb
 PRU 75.81 334 eP 47 50.00 -1.5
 1.3s 20.90nm 4.8mb
 MLR 75.84 325 ePc 47 53.00 1.1
 ISR 75.90 324 eP 47 53.50 1.4
 MOX 76.04 336 iPc 47 52.80 0.0
 1.0s 76.00nm 5.2mb
 HOF 76.27 336 iPc 47 54.00 -0.1
 SRO 76.56 331 eP 47 55.60 -0.1
 ZST 76.62 332 eP 47 55.40 -0.6
 KHC 76.86 334 P 47 57.50 0.1
 1.4s 43.30nm 5.1mb
 e 48 02.50 16kmX
 GRF 77.02 336 iPd 47 58.70 0.5
 1.1s 72.00nm 5.4mb
 WET 77.05 335 iPc 47 59.10 0.7
 GEC2 77.08 334 eP 47 58.00 -0.7
 0.9s 6.26nm 4.4mb
 e 48 03.40 17kmX
 e 57 59.60
 FVM 77.08 47 eP 47 58.19 -0.6
 0.8s 11.09nm 4.7mb
 WARB 77.96 204 eP 48 04.00 0.4
 0.7s 11.00nm 4.8mb
 SNF 77.98 340 Pc 48 03.70 0.2
 MIAR 78.19 51 eP 48 04.57 -0.4
 0.6s 5.22nm 4.5mb
 ELC 78.22 46 eP 48 04.74 -0.2
 DOU 78.30 340 Pc 48 05.30 0.1
 1.1s 34.60nm 5.1mb
 BHG 78.33 334 iPc 48 06.20 0.7
 1.5s 57.00nm 5.2mb
 WLF 78.34 339 P 48 07.00 1.6
 FUR 78.39 335 iPc 48 06.40 0.6
 ARMA 78.43 182 iPc 48 06.50 0.3
 0.3s 4.00nm 4.7mb
 OLY 78.52 49 eP 48 06.32 -0.4
 KBA 78.77 333 iPc 48 08.80 0.7
 1.3s 86.20nm 5.4mb
 WATA 79.06 335 iPd 48 09.90 0.3
 WTTA 79.10 335 iPc 48 10.10 0.2
 1.1s 74.80nm 5.4mb
 CDF 79.23 338 eP 48 09.90 -0.5
 1.3s 67.85nm 5.3mb
 SOTA 79.27 335 iPd 48 11.10 0.4

1.3s 94.20nm 5.4mb
 SLE 79.51 337 ePc 48 11.80 -0.1
 OGA 79.64 335 iPc 48 13.50 0.7
 1.2s 42.00nm 5.1mb
 ZLA 79.80 337 ePc 48 13.80 0.3
 HAU 79.84 338 eP 48 13.00 -0.6
 1.1s 33.20nm 5.1mb
 BSF 79.89 338 eP 48 13.30 -0.7
 1.2s 39.55nm 5.1mb
 OSS 80.05 335 ePc 48 15.60 0.6
 LLS 80.20 336 ePc 48 16.30 0.5
 VDL 80.42 336 ePd 48 17.50 0.5
 LMN 80.43 26 ePc 48 19.90 3.1X
 SKO 80.54 326 eP 48 15.80 -1.6
 1.5s 89.00nm 5.4mb
 STK 80.56 190 eP 48 17.50 0.1
 e 48 46.30 112km
 FLN 80.64 343 eP 48 17.30 -0.5
 0.9s 31.45nm 5.1mb
 VAY 80.67 325 iP 48 18.40 0.3
 LDF 80.73 343 eP 48 17.70 -0.6
 1.1s 28.55nm 5.0mb
 TMA 80.94 336 ePc 48 19.90 0.2
 GRR 81.08 343 eP 48 19.90 -0.2
 1.0s 35.20nm 5.1mb
 LOR 81.13 340 eP 48 20.00 -0.4
 1.2s 71.70nm 5.4mb
 MMK 81.23 336 ePc 48 22.30 1.0
 DIX 81.35 337 ePd 48 22.70 0.8
 LBF 81.36 339 eP 48 21.10 -0.6
 0.8s 13.70nm 4.8mb
 SSF 81.40 340 eP 48 21.50 -0.3
 0.8s 21.20nm 5.0mb
 LPF 81.45 343 eP 48 22.10 0.0
 1.2s 49.70nm 5.2mb
 EMS 81.49 337 ePc 48 23.30 0.8
 HRI 81.49 311 eP 48 23.20 0.5
 AVF 81.69 340 eP 48 23.20 -0.1
 1.3s 96.40nm 5.4mb
 SMF 81.71 339 eP 48 23.20 -0.3
 1.0s 57.20nm 5.3mb
 BGF 82.03 340 eP 48 25.10 0.0
 0.7s 12.80nm 4.8mb
 LPL 82.05 337 eP 48 26.00 0.5
 0.7s 28.55nm 5.2mb
 LPG 82.06 337 eP 48 26.20 0.5
 0.6s 24.35nm 5.2mb
 FIR 82.38 333 eP 48 28.00 1.1
 MAF 82.41 340 eP 48 27.60 0.5
 1.0s 73.40nm 5.5mb
 TCF 82.43 340 eP 48 27.30 0.1
 1.0s 40.60nm 5.2mb
 BWA 82.53 184 eP 48 27.70 0.1
 LSF 82.62 341 eP 48 28.10 -0.1
 1.2s 81.80nm 5.5mb
 SSB 82.83 338 P 48 30.00 0.7
 CAN 83.39 184 eP 48 32.60 0.5
 RJF 83.52 340 eP 48 32.90 0.1
 1.2s 45.50nm 5.3mb
 CEH 84.00 40 eP 48 35.24 -0.1
 0.7s 15.31nm 5.0mb
 LFF 84.03 341 eP 48 35.70 0.3
 0.8s 35.20nm 5.3mb
 LFF 84.03 341 eP 48 35.80 0.4
 1.2s 88.65nm 5.5mb
 PRM 84.05 44 eP 48 36.34 0.7
 LMR 84.14 336 eP 48 36.00 0.1
 1.1s 71.30nm 5.5mb
 LPO 84.18 340 eP 48 36.30 0.2
 1.2s 57.10nm 5.4mb
 PRNI 84.21 310 eP 48 37.00 0.4
 MBH 84.73 310 eP 48 39.50 0.2
 EPF 85.94 340 eP 48 44.70 -0.3
 0.9s 10.50nm 4.8mb
 TIC 122.02 334 PKP 54 59.00 -0.4
 KIC 122.21 334 PKP 54 59.20 -0.6
 LIC 122.42 334 PKP 54 59.70 -0.5
 LPB 133.66 61 ePKP 55 26.00 3.8X
 CNCB 133.95 61 PKP 55 24.00 1.1
 SIV 137.16 53 ePKP 55 31.00 2.7X
 BAO 142.96 36 PKPd 55 34.90 -4.0X
 BDF 143.02 35 PKPd 55 35.10 -3.9X
 TCA 146.70 73 ePKPd 55 45.00 0.3
 VAO 149.99 40 ePKP 55 55.40 5.3X
 NVL 151.16 205 ePKP 55 54.00 3.7X
 S.D. = 0.8 on 167 of 179 obs.

& DEC 04, 1992 05h 55m 17.37s
 34.361 N 116.920 W
 DEPTH = 1.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
 PEC 0.51 203 eP 55 27.15 -0.4
 SSK 0.66 257 eP 55 29.97 -0.5
 eS 55 39.47
 GSC 0.94 6 iPc 55 35.25 -0.9
 PLM 1.01 177 ePc 55 35.98 -1.4
 ISA 1.82 316 ePn 55 48.00 -2.1
 ePg 55 51.28
 GLA 2.18 126 ePn 55 53.31 -2.0
 ePg 55 58.59
 BCH 2.73 288 ePn 56 01.96 -1.3
 MEMM 3.68 334 (Pn) 56 15.64 -1.0
 BONR 3.76 343 (Pn) 56 19.27 1.3
 ARUT 4.43 38 ePn 56 26.57 -0.9
 MSU 5.64 41 (Pn) 56 43.94 -0.7
 ePg 57 02.12
 11 obs. associated
 % DEC 04, 1992 06h 27m 44.66 ± 0.86s
 16.999 N ± 8.3km 99.557 W ± 6.6km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF GUERRERO, MEXICO (58)
 ACX 0.32 246 iP 27 51.00 -0.2
 iS 27 56.50
 III 1.37 4 iP 28 10.50 0.5
 iS 28 29.00
 TPM 2.03 13 iP 28 19.00 -0.4
 iS 28 44.50
 PPM 2.24 23 iP 28 22.00 -0.8
 (S) 28 53.00
 IIA 2.30 22 eP 28 23.54 0.3
 UNM 2.35 9 eP 28 24.50 0.4
 iS 28 53.00
 PIM 2.55 300 eP 28 44.00 17.2X
 iS 29 15.00
 OXX 2.71 88 iP 28 29.50 0.2
 iS 29 01.00
 IISM 2.87 46 (P) 28 39.50 8.3X
 MRX 3.11 330 iP 28 34.00 -0.6
 iS 29 11.00
 CGX 4.58 307 (P) 28 56.50 0.7
 S.D. = 0.6 on 9 of 11 obs.
 & DEC 04, 1992 07h 33m 32.44s
 34.360 N 116.924 W
 DEPTH = 1.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
 PEC 0.51 203 eP 33 42.14 -0.4
 SSK 0.65 257 eP 33 44.96 -0.5
 eS 33 54.36
 ISA 1.82 316 ePn 34 03.03 -2.1
 iPg 34 06.39
 S 34 30.60
 GLA 2.18 126 (Pn) 34 09.98 -0.4
 TNP 3.72 356 (Pn) 34 33.11 0.7
 ePg 34 42.47
 BONR 3.76 343 ePn 34 33.78 0.7
 ePg 34 43.73
 ARUT 4.43 39 ePn 34 43.91 1.4
 ePg 34 57.40
 MSU 5.64 41 ePg 35 17.96 18.3
 8 obs. associated
 * DEC 04, 1992 08h 19m 18.17 ± 0.38s
 19.654 S ± 13.2km 177.923 W ± 8.7km
 DEPTH = 445.5km (2 depth phases)
 5.0mb (12 obs.)
 FIJI ISLANDS REGION (181)
 SVA 3.75 293 ePc 20 31.30 -0.2
 iS 21 34.60
 VUN 3.79 295 eP 20 32.10 0.2
 DZM 14.81 258 iPc 22 31.10 2.2
 ARMA 29.51 243 iPc 24 46.90 0.5
 0.2s 7.00nm 4.7mb
 RMQ 31.34 251 iPd 25 02.80 0.7
 0.3s 5.00nm 4.4mb
 CNB 32.76 235 iPd 25 14.90 0.8
 0.7s 64.00nm 5.2mb

CAN	33.05	235	iPc	25	16.50	0.0	SQTA	151.51	347	iPKPd	38	21.40	6.2X		0.8s	49.00nm		1m.		
CTA	33.65	263	P	25	23.29	1.6		0.6s	22.00nm					XAN	25.69	263	eP	26	47.00	1.
PMG	35.23	282	eP	25	34.00	-0.9	LPF	151.58	4	ePKP	38	21.60	6.5X		26.70	301	eP	27	06.00	11.0
QLP	35.38	252	iPc	25	35.80	-0.3		0.5s	49.55nm					ZAK	1.0s	10.00nm				
	0.4s	36.00nm			5.1mb		BSF	151.63	353	ePKP	38	21.80	6.5X		30.41	353	eP	27	27.00	-0.5
TOO	36.46	233	iPc	25	45.00	0.0		0.6s	19.05nm					TIK	0.9s	9.00nm			4.5mb	
	0.7s	48.00nm			5.0mb		LOR	152.42	357	ePKP	38	23.70	7.4X			eS		32	11.00	
STK	38.23	243	eP	26	00.00	0.5		0.5s	12.40nm					GTA	30.49	279	eP	27	27.60	-1.2
WB2	44.78	261	iPc	26	51.10	-1.2	SSF	152.64	358	ePKP	38	24.30	7.7X		1.0s	3.00nm			4.0mb	
	0.4s	32.50nm			5.1mb			0.7s	14.65nm						PcP		30	23.60		
ASPA	44.79	256	iPc	26	51.70	-0.7	LBF	152.70	357	ePKP	38	24.30	7.5X			ScP		33	48.20	
	0.8s	55.30nm			5.0mb			0.7s	14.20nm						PcS		34	06.50		
		i		32	55.20		MFF	153.06	3	ePKP	38	24.60	7.4X			ScS		37	43.00	
WRA	44.79	261	P	26	51.30	-1.1		0.4s	26.10nm					ELT	37.25	307	eP	28	25.70	-0.5
	0.4s	20.00nm			4.9mb		TCF	153.44	360	ePKP	38	25.80	8.0X		0.8s	14.00nm			4.7mb	
GUA	49.26	309	eP	27	13.00	-13.5X		0.6s	4.25nm					WMO	37.97	291	P	28	32.50	0.0
		e		27	25.50		MAF	153.50	359	ePKP	38	26.30	8.4X		0.5s	8.40nm			4.7mb	
FORT	49.70	246	eP	27	28.50	-1.2		1.2s	30.35nm					SDN	40.31	49	eP	28	49.77	-1.6
WARB	51.16	252	iPc	27	39.40	-1.1	LPL	153.92	353	ePKP	38	27.80	9.1X		0.6s	74.40nm			5.5mb	
	0.8s	86.00nm			5.1mb			0.7s	3.40nm					TTA	42.17	38	eP	29	07.80	1.1
MEEK	58.27	250	eP	28	26.00	-4.9X	LPG	153.94	353	ePKP	38	27.90	9.1X		0.8s	29.90nm			4.9mb	
NANU	61.69	254	iPc	28	53.10	-0.6		0.7s	3.95nm					SVW	42.42	40	eP	29	09.36	0.6
	0.4s	15.00nm			4.9mb		LIC	164.97	152	PKP	38	31.30	-0.2		0.8s	107.03nm			5.5mb	
MAW	82.38	200	P	30	53.50	0.7			e		39	31.60		BRW	42.47	25	eP	29	08.68	-0.2
MSU	84.47	46	eP	31	04.68	0.6	KIC	165.22	152	PKP	38	31.50	-0.3			e		29	25.30	
PV10	86.55	47	eP	31	13.72	-0.4		0.8s	16.00nm					IMA	43.16	33	iPd	29	14.35	-0.4
ALO	86.82	51	eP	31	18.00	2.6			e		39	32.70			0.7s	14.72nm			4.7mb	
	0.9s	9.66nm			4.5mb		TIC	165.34	151	PKP	38	31.90	0.0			pP		29	55.00	187km
		pP		33	00.90	454km			e		39	33.40		BGL	43.97	40	eP	29	22.03	0.7
PV08	86.92	47	eP	31	15.83	-0.2		S.D. = 1.0 on 34 of 71 obs.						CRP	44.08	40	iP	29	23.08	0.8
FBA	87.40	12	eP	31	17.20	-0.1		DEC 04, 1992 08h 21m 30.62±0.31s						KDC	44.38	45	eP	29	24.70	0.3
	0.7s	0.80nm			3.6mb X		41.815 N ± 4.0km 140.109 E ± 3.7km						SLKM	45.11	41	eP	29	29.30	-1.0	
		pP		32	56.80	437km	DEPTH = 178.4 ± 3.4 km								e		29	36.06		
BGMT	87.96	40	eP	31	18.50	-2.2	4.8mb (60 obs.)						PMR	45.48	39	eP	29	31.55	-1.5	
		e		31	45.80		HOKKAIDO, JAPAN REGION (224)						FBA	45.67	35	iPd	29	34.89	0.3	
NVL	89.56	183	eP	31	26.00	-1.4	MRRJ	0.94	49	iP+	21	58.90	1.0		0.6s	50.71nm			5.2mb	
RSSD	92.50	44	eP	31	41.20	-0.4			eS		22	19.40		GUN	45.89	270	P	29	37.12	-0.1
	0.9s	37.17nm			5.4mb		AOMJ	1.27	171	iPd	22	01.40	0.8		0.4s	34.00nm			5.2mb	
KAF	134.36	344	iPKP	37	45.40	0.1			S		22	04.00		KKN	46.41	271	P	29	41.06	-0.1
	0.5s	6.10nm					SAP	1.54	36	eP	22	04.00	0.9		0.5s	9.00nm			4.6mb	
NUR	136.15	344	iPKP	37	49.60	0.9			iS		22	29.50		PKI	46.43	270	P	29	41.42	0.0
	0.5s	10.50nm					HOQJ	2.43	75	iPd	22	13.50	0.7	DMN	46.63	271	P	29	41.34	-1.7
NAO	138.41	354	PKP	37	45.60	-7.3X			eS		22	44.80		BRVK	46.75	309	eP	29	45.50	2.2
	0.8s	3.40nm					ASAJ	2.96	38	iPd	22	19.70	0.6		0.8s	7.00nm			4.2mb	
HFS	138.72	351	ePKP	37	43.80	-9.7X			S		22	55.90		GKN	46.77	271	P	29	43.80	-0.2
	0.4s	1.80nm					OFUJ	2.98	156	iP+	22	18.30	-1.1	TOA	46.78	38	ePd	29	45.00	1.5
CLI	146.15	328	ePKP	38	10.00	3.2X			S		22	54.50		KLU	47.01	39	ePd	29	45.31	0.0
VRI	146.90	328	ePKP	38	12.00	4.0X			iPd		22	26.80	-0.8	BALM	48.80	39	eP	29	58.91	-0.2
KSP	146.91	343	iPKP	38	10.50	2.7X			eS		23	07.60		RES	58.24	15	ePd	31	07.50	-0.3
		e		39	54.60		KUSJ	3.64	68	iPd	22	26.80	-0.8		0.6s	10.00nm			4.8mb	
CLL	147.26	347	iPKPd	38	11.20	2.8X			S		23	12.00		KEV	58.63	338	iP	31	18.40	7.8X
	0.9s	40.00nm					YAMJ	3.64	181	iPd	22	28.30	0.7		0.6s	22.20nm			5.2mb	
MLR	147.55	328	ePKPc	38	13.00	3.8X			S		23	12.00		YKA	60.21	31	eP	31	20.50	-1.0
PRU	148.14	345	PKPc	38	14.00	4.2X			P		22	41.30	0.7		0.6s	9.10nm			4.8mb	
	0.7s	12.80nm					NIIJ	4.65	191	P	22	41.30	0.7	SDF	60.22	336	iP	31	20.30	-1.2
MOX	148.16	348	ePKP	38	14.10	4.2X			eP		22	52.00	0.6	DAG	60.94	355	iPc	31	24.70	-1.5
	1.4s	15.00nm					MAT	5.47	196	eP	22	52.00	0.6		0.7s	13.70nm			4.9mb	
ZST	149.04	340	ePKP	38	12.20	0.9			eS		23	53.00		WB2	61.68	186	iPc	31	30.30	-1.4
GRF	149.15	348	ePKP	38	16.80	5.4X			P		22	52.30	0.3		0.7s	2.40nm			4.2mb	
SNF	149.16	357	PKP	38	16.30	4.9X			S		23	50.40	-2.7	WRA	61.68	186	P	31	30.50	-1.2
KHC	149.17	345	ePKP	38	16.50	5.0X			S		23	50.10			0.5s	0.90nm			3.9mb	
	1.0s	12.50nm					CHJJ	5.82	189	P	22	55.20	-0.9	KAF	63.62	331	eP	31	42.80	-1.3
		e		38	30.00				S		24	00.80			0.3s	1.20nm			4.2mb	
GEC2	149.41	345	PKP	38	12.10	0.1			iPn		23	05.00	-1.1	NUR	65.28	331	eP	31	53.90	-0.8
	0.6s	0.89nm					KUR	6.59	56	iPn	23	05.00	-1.1		0.3s	2.80nm			4.6mb	
DOU	149.56	357	PKP	38	17.30	5.3X			iS		24	17.60		LON	65.79	48	ePd	31	58.05	-0.3
	0.7s	20.00nm					TSRJ	7.05	209	eP	23	15.80	3.6X	SHW	65.88	49	eP	31	59.87	0.8
WLF	149.88	355	PKP	38	20.00	7.6X			eP		23	15.80	3.6X	DPW	67.10	46	eP	32	06.04	-0.6
FUR	150.60	347	iPKPc	38	20.10	6.4X			Pc		23	28.30	1.2	VGB	67.10	49	eP	32	06.58	-0.1
	0.5s	67.00nm							S		25	00.00	5.4mb	NEW	67.43	45	ePc	32	08.11	-0.6
BHG	150.66	345	iPKPc	38	19.80	6.0X			Pd		24	04.20	0.7		0.8s	22.48nm			5.0mb	
	0.9s	20.00nm							eS		24	50.60	4.5mb			54	ePd	32	16.91	0.4
FLN	150.89	3	ePKP	38	19.90	5.9X			eS		24	41.40	-2.7	LBFM	68.67	53	ePd	32	18.62	0.1
	0.6s	32.90nm					SKR	14.15	46	eP	24	41.40	-2.7			e		33	35.15	
CDF	151.00	353	ePKP	38	20.70	6.3X			eS		27	10.00	5.3mb	SES	69.16	40	iPd	32	18.50	-0.7
	0.6s	21.75nm							eS		25	30.00	-2.1		0.5s	15.00nm			5.0mb	
LDF	151.08	3	ePKP	38	20.20	5.9X			eP		25	30.00	-2.1	HFS	69.33	335	eP	32	19.20	-0.8
	0.6s	20.30nm					BJI	18.16	272	eP	25	30.00	-2.1		0.3s	4.00nm			4.6mb	
KBA	151.14	344	iPKPc	38	20.50	5.8X			eP		25	55.00	-2.7	NAO	69.69	336	P	32	21.10	-1.1
	0.6s	16.70nm					CIT	20.67	309	eP	29	34.00			0.8s	15.70nm			4.8mb	
GRR	151.24	4	ePKP	38	20.80	6.2X			e		26	00.00	-2.5	FCC	70.19	27	ePc	32	27.50	2.3
	0.6s	30.05nm					YAK	21.17	346	eP	26	00.00	-2.5	LRM	71.45	45	iPd	32	33.30	-0.1
		ePp		26	39.00				eS		29	39.00				e		35	52.70	
WATA	151.32	346	iPKPd																	

04d 08h

DUG 75.00 49 eP 33 05.20 0.4
 0.6s 6.00nm 4.5mb
 KSP 75.53 327 iP 32 56.90 0.3
 DAU 75.73 48 eP 32 58.19 -0.1
 GSC 75.90 55 iPc 32 58.87 -0.2
 ULM 76.07 33 ePc 33 02.70 3.1X
 EMUT 76.38 49 eP 33 01.86 0.0
 CLL 76.47 329 iPd 33 01.60 -0.2
 1.1s 18.00nm 4.7mb
 MSU 76.50 50 ePd 33 03.34 0.8
 PEC 76.61 57 eP 33 02.69 -0.2
 1.0s 11.30nm 4.6mb
 RSSD 76.94 42 eP 33 04.17 -0.6
 0.8s 18.13nm 4.9mb
 SRU 77.03 49 eP 33 05.30 -0.1
 MOX 77.53 329 eP 33 08.30 0.7
 GEC2 78.14 327 P 33 11.10 -0.1
 0.4s 2.36nm 4.2mb
 PV09 78.24 49 eP 33 12.52 0.4
 EKA 78.30 340 Pc 33 12.20 0.4
 0.7s 9.30nm 4.6mb
 PV10 78.37 49 ePd 33 13.44 0.6
 GRF 78.44 329 iPd 33 13.80 1.1
 0.9s 24.00nm 4.9mb
 GLD 79.48 45 eP 33 19.64 0.9
 1.8s 71.77nm 5.1mb
 KBA 79.68 326 iPd 33 20.80 1.2
 1.0s 14.60nm 4.7mb
 JAO 79.91 21 eP 33 19.50 -1.0
 WTTA 80.24 327 iPc 33 22.50 0.0
 0.6s 8.90nm 4.7mb
 CDF 80.98 330 iPd 33 26.50 0.2
 0.7s 7.60nm 4.5mb
 HAU 81.66 331 iPd 33 29.90 0.1
 0.5s 5.45nm 4.5mb
 LOR 83.19 332 iPd 33 37.70 0.1
 0.6s 11.00nm 4.8mb
 LDF 83.38 335 iPd 33 39.00 0.4
 0.7s 8.60nm 4.6mb
 LBF 83.39 331 iPd 33 38.60 -0.1
 0.6s 5.75nm 4.5mb
 SSF 83.49 332 iPd 33 39.20 0.1
 1.0s 18.40nm 4.8mb
 LPL 83.61 329 iPd 33 40.60 0.6
 0.5s 4.00nm 4.4mb
 LPG 83.61 329 iPd 33 40.70 0.5
 0.6s 7.50nm 4.6mb
 SMF 83.73 331 iPd 33 40.70 0.4
 0.7s 11.25nm 4.7mb
 AVF 83.77 332 iPd 33 40.90 0.4
 0.6s 15.80nm 5.0mb
 GRR 83.80 335 iPd 33 40.80 0.2
 0.8s 11.95nm 4.7mb
 LPF 84.17 335 iPd 33 43.00 0.5
 MAF 84.54 332 iPd 33 45.30 0.9
 0.9s 27.35nm 5.0mb
 EEO 85.29 26 ePc 33 50.50 2.3
 RJF 85.70 332 iPd 33 50.90 0.7
 0.9s 19.50nm 4.9mb
 CAF 85.84 332 iPd 33 52.20 1.3
 0.8s 21.75nm 5.0mb
 LFF 86.29 332 iPd 33 54.20 1.1
 0.7s 18.75nm 5.0mb
 LPO 86.36 332 iPd 33 54.40 1.0
 0.8s 23.50nm 5.1mb
 FVM 88.19 38 eP 34 02.23 -0.1
 0.6s 17.57nm 5.2mb
 ELC 89.30 37 eP 34 07.72 0.1
 MIAR 89.46 42 eP 34 08.54 0.2
 0.7s 9.87nm 4.9mb
 ZOBO 144.84 52 PKP 40 47.90 -0.9
 Z 24s 0.10um 4.5mszX
 LPB 145.06 52 PKP 40 49.70 0.9
 CNCB 145.34 52 iPKPc 40 50.90 1.4
 CCH 146.87 51 ePKP 40 53.00 1.3
 SIV 148.46 42 PKP 40 59.00 5.1X
 YJA 150.93 56 ePKPd 40 59.50 1.5
 BAO 152.99 17 e(PKP) 41 00.00 -0.7
 e 41 01.20
 e 41 08.10

BDF 153.04 17 e(PKP) 41 00.00 -0.8
 e 41 01.00
 e 41 07.70
 e 41 20.40
 S.D. = 1.0 on 118 of 124 obs.
 % DEC 04, 1992 10h 49m 14.49±0.50s
 46.410 N ± 5.4km 1.820 E ± 4.0km
 DEPTH = 9.3 ± 3.8 km
 FRANCE (538)
 ML 2.9 (LDG).
 LSF 0.26 232 Pg 49 19.50 -0.4
 Sg 49 22.70
 TCF 0.30 114 Pg 49 20.90 0.2
 Sg 49 25.40
 MAF 0.55 110 Pg 49 25.50 -0.1
 Sg 49 33.20
 BGF 0.72 78 Pg 49 28.50 -0.3
 Sg 49 38.10
 AVF 1.12 70 Pg 49 35.80 0.2
 Sg 49 50.30
 RJF 1.13 191 Pg 49 36.00 0.3
 Sg 49 51.00
 SSF 1.33 60 Pn 49 39.00 -0.1
 Pg 49 39.50
 Sg 49 56.40
 MFF 1.37 279 Pg 49 40.00 0.3
 Sg 49 56.50
 SMF 1.42 80 Pn 49 40.50 0.1
 Pg 49 41.80
 Sg 49 59.60
 CAF 1.49 173 Pn 49 41.20 -0.3
 Sg 50 02.70
 LBF 1.59 68 Pn 49 42.50 -0.4
 Pg 49 44.20
 Sg 50 05.10
 LOR 1.64 58 Pn 49 43.30 -0.3
 Pg 49 45.00
 Sg 50 05.90
 LFF 1.65 208 Pg 49 45.70 2.0X
 Sg 50 07.20
 LPO 1.78 195 Pg 49 48.30 2.7X
 Sg 50 11.30
 S.D. = 0.3 on 12 of 14 obs.
 DEC 04, 1992 11h 36m 36.20±0.11s
 37.814 N ± 2.7km 72.194 E ± 1.5km
 DEPTH = 120.1km (geophysicist)
 5.9mb (125 obs.)
 TAJIKISTAN (715)
 Felt in the Peshawar area,
 Pakistan. Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=70 Dip=83 Slip=-90
 NP2: 250 7 -90
 Principal Axes:
 T Val=38 P1g=38 Azm=160
 P 52 340
 Comment: The focal mechanism is
 moderately well controlled and
 corresponds to normal
 faulting. The preferred fault
 plane is not determined.
 RADIATED ENERGY
 No. of sta: 6 Facal mech. M
 Energy 1.6±0.6*10**12 Nm
 MOMENT TENSOR SOLUTION
 Dep 127 No. of sta: 12
 Moment Tensor: Scale 10**17 Nm
 Mrr=-0.43 Mtt=1.05
 Mff=-0.62 Mrt=-2.12
 Mrf=-1.11 Mtf=-0.39
 Principal axes:
 T Val=2.59 P1g=37 Azm=172
 N 0.00 20 66
 P -2.59 46 313
 Best Double Couple: Mo=2.6*10**17
 NP1:Strike=321 Dip=21 Slip=-14
 NP2: 64 85 -110
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 33S, 75C
 Centroid Location:

Origin Time 11:36:37.4 0.3
 Lat 37.35N 0.03 Lon 71.86E 0.03
 Dep 131.2 1.3 Half-duration 1.9
 Moment Tensor: Scale 10**17 Nm
 Mrr=-2.74 0.09 Mtt=1.45 0.14
 Mff=1.29 0.13 Mrt=-3.62 0.10
 Mrf=-2.25 0.11 Mtf=1.32 0.13
 Principal Axes:
 T Val=4.99 P1g=29 Azm=142
 N 0.12 5 235
 P -5.12 61 333
 Best Double Couple: Mo=5.1*10**17
 NP1:Strike=219 Dip=17 Slip=-107
 NP2: 56 74 -85
 KSH 3.39 60 iPd 37 29.00 0.5
 FRU 5.34 20 iPnd- 37 55.00 0.1
 iS 38 53.00
 TLG 6.73 34 ePn 38 12.00 -1.9
 QUE 8.76 211 iPc+ 38 39.50 -2.1
 0.6s 2346.67nm 7.1mbX
 eS 40 12.35
 NDI 10.03 154 iPc 38 54.70 -3.7X
 0.5s 781.69nm 6.8mb
 MAIO 10.26 265 iPd 38 58.20 -3.4X
 0.8s 109.81nm 5.7mb
 eS 40 45.00
 ASH 10.95 275 P 39 05.00 -5.5X
 0.5s 510.00nm 6.5mb
 KAT 12.56 281 iP- 39 26.50 -5.1X
 WMO 13.18 58 ePd 39 36.63 -3.2X
 1.0s 190.00nm 5.5mb
 Z 20s 6.74um 4.3mszX
 PcP 44 56.00
 PcS 48 32.00
 GKN 14.30 130 P 39 48.86 -5.5X
 KKN 14.85 128 P 39 55.66 -5.8X
 DMN 14.87 129 P 39 56.30 -5.4X
 PKI 15.09 129 P 39 59.70 -4.8X
 GUN 15.14 127 P 39 59.82 -5.4X
 BRVK 15.30 356 iPd 40 03.00 -3.7X
 1.1s 1500.00nm 6.2mb
 eS 42 38.00
 TEH 16.80 269 eP 40 29.00 3.4X
 LSA 17.70 112 iPc 40 34.96 -2.0
 e 40 56.98
 SHI 18.25 249 eP 40 42.00 -1.2
 ELT 18.26 28 iPd 40 39.70 -3.2X
 2.0s 1248.00nm 5.9mb
 e 43 57.00
 SHE 18.46 286 iPd- 40 44.00 -1.2
 1.0s 550.00nm 5.8mb
 iS 44 06.00
 POO 19.26 175 iPc 40 49.20 -4.7X
 1.1s 468.35nm 5.7mb
 MAK 19.53 293 iP- 40 56.00 -0.4
 Z 16s 11.00um
 N 16s 5.00um
 E 16s 10.00um
 iS 44 28.00
 TAB 20.39 279 eP 41 07.00 1.5
 SVE 20.50 342 iPd 41 05.00 -1.3
 2.0s 940.00nm 5.8mb
 Z 12s 10.50um 5.4mszX
 N 12s 9.00um
 E 12s 3.50um
 e 41 28.80 127kmX
 eS 44 41.00
 KER 20.55 268 iPd 41 08.00 0.9
 UER 20.66 41 iPd 41 06.20 -1.7
 1.2s 500.00nm 5.8mb
 i 41 45.00
 eS 44 49.00
 ARU 20.70 338 iPd- 41 07.20 -1.0
 2.0s 4100.00nm 6.5mb
 ePPP 41 46.00
 eS 44 49.00
 HYB 21.07 163 iPc 41 11.10 -1.3
 1.0s 1090.00nm 6.2mb
 i 41 36.50 131kmX
 iS 44 52.00
 GTA 21.61 77 Pc 41 18.20 0.5
 1.2s 170.00nm 5.3mb
 Z 10s 2.31um 4.9mszX
 pP 41 45.00 136kmX
 PP 41 54.20
 sP 42 01.00

ERE	21.62	285	S	45	10.00		XAN	29.86	86	S	47	24.00		BNT	34.19	288	eP	43	12.30	0.5																				
			ScS	52	21.00					P	42	34.00	-0.2				BRD	34.22	298	eP	43	14.00	2.0																	
			iP-	41	18.00	0.3											EDC	34.24	288	iP	43	12.00	-0.2																	
			iS	45	11.00												MNK	34.34	313	iPd	43	12.00	-0.9																	
DHR	21.88	245	eSS	45	54.00		Z	16s	1.17um	4.6MszX	4.5mb	X	1.5s	588.00nm	6.2mb	Z	16s	3.10um	5.1MszX																					
			iPd	41	20.00	-0.2																																		
			eS	45	20.00																																			
			eS	41	29.00	-0.1																																		
PYA	22.80	295	iPd-	41	29.00		HRI	29.88	272	eP	42	34.70	0.2	PUL	34.41	323	ePd	43	13.00	-0.4																				
MOY	24.51	46	iPd	41	46.60	1.2	CHG	30.05	122	eP	42	34.90	-1.0	Z	14s	3.50um	5.2MszX																							
GBA	24.56	168	P	41	45.40	-0.8	CITO	30.05	122	ePc	42	34.12	-1.8	E	14s	3.50um	116kmX																							
TBZ	25.17	287	iPn	41	53.10	1.4	HHC	30.43	72	P	42	39.80	0.6	VRI	34.43	298	iPd	43	15.50	1.7																				
SOC	25.19	294	iPd-	41	52.20	0.4	Z	14s	1.30um	4.7MszX	4.7Msz	S	47	33.00	e	48	37.00	e	49	12.00	e	53	25.00																	
LZH	25.29	84	eP	41	53.66	0.5	DSI	30.76	269	eP	42	42.20	0.1	JMB	34.85	292	iPd	43	19.00	1.6																				
ZAK	25.42	50	iPd-	41	54.50	0.6	HQL	31.94	266	eP	42	52.67	0.2	KZD	35.84	291	iPd	43	26.00	0.3																				
IRK	26.64	47	ePd	42	05.00	-0.1	CIT	32.10	50	eP	42	53.00	-0.7	COZ	36.13	297	ePd	43	30.00	1.6																				
CD2	26.86	95	eP	42	07.80	0.4	DHJN	32.18	239	eP	42	54.40	-0.5	Z	16s	1.50um	4.9MszX																							
OASM	26.87	253	ePc	42	07.60	0.1	WAJH	32.19	259	iPd	42	55.87	1.3	E	14s	2.00um	4.9MszX																							
ANN	26.98	296	iPd	42	07.00	-1.2	KMTA	32.25	241	iPc	42	55.87	0.3	DRA	36.26	296	ePd	43	29.00	-0.2																				
GAZ	27.67	280	eP	42	12.00	-2.5	GPA	32.41	288	eP	42	58.00	1.6	PLD	36.29	292	iPd	43	30.00	0.5																				
KVT	27.98	288	iP	42	18.00	0.7	EYL	32.48	288	eP	42	55.80	-1.3	AKUR	36.30	259	iPd	43	31.00	1.2																				
KMI	28.83	107	eP	42	24.64	-0.7	BCK	32.75	282	eP	42	58.10	-1.4	RZN	36.35	291	iPd	43	31.00	0.8																				
ADAT	29.14	280	eP	42	29.70	1.9	NRI	32.80	10	iPd-	42	58.20	-1.2	AGRW	36.41	259	iPd	43	30.50	-0.1																				
SIM	29.24	296	iP-	42	28.00	-0.6	Z	16s	4.50um	5.3MszX	4.4	10.00	380kmX	37.06	326	iP	43	35.40	-0.3																					
MOS	29.27	319	iPd	42	28.00	-0.7	HRT	32.80	289	iP	42	59.30	-0.6	ARO	37.07	233	eP+	43	37.30	0.9																				
BTO	29.30	73	P	42	30.00	0.8	KIS	32.92	300	iPd	43	00.00	-0.7	DEV	37.09	299	iPc	43	36.50	0.3																				
OBN	29.57	317	eP	42	29.95	-1.4	LOE	32.92	120	eP	43	00.00	-1.1	MMB	37.09	291	iPd	43	37.00	0.7																				
KAS	29.66	289	iPd	42	33.60	1.2	GBZT	32.98	289	eP	43	01.00	-0.3	OUR	37.15	289	iP	43	37.33	0.6																				
BHL	29.75	274	P	42	33.00	-0.3	YLV	33.07	288	eP	43	01.30	-0.9	NPS	37.22	281	eP	43	37.80	0.4																				

04d 11h

GZH	38.07	101	P	43	46.80	2.1	ULC	40.30	293	iPd	44	02.64	-0.3	CLL	43.12	308	iPd	44	26.00	0.2	
Z	14s	1.18um			4.8MszX		NKY	40.31	294	iPd	44	03.85	0.7		1.5s	480.00nm			6.0mb		
GRG	38.20	291	iP	43	46.12	0.5	KEK	40.42	290	eP	44	03.00	-0.9				e	44	52.00	113kmX	
TIM	38.27	299	iPd	43	47.00	0.9	BDV	40.54	294	iPd	44	04.91	0.0				i	45	09.70		
LIT	38.32	289	iP	43	46.84	0.2	SSE	40.58	84	Pc	44	07.00	1.8				e(S)	54	06.00		
NJ2	38.37	84	iPc	43	47.50	0.4								COP	43.19	314	iPd	44	26.60	0.3	
N	11s	0.53um					Z	20s	0.90um			5.0mb			0.9s	773.11nm			6.5mb		
E	10s	0.91um					N	16s	1.00um			4.6Msz					e	46	37.00		
			iS	49	34.00				pP	44	35.00	123kmX					e	53	45.00		
			eScS	53	45.00				PcP	46	08.00			VOY	43.29	300	eP	44	25.80	-1.6	
DL2	38.40	73	eP	43	48.30	1.1			iS	50	08.00						e	45	15.00	232kmX	
	1.0s	33.00nm			5.1mb		BRY	40.62	295	iPd	44	06.15	0.5				e	44	28.50	0.1	
BSI	38.44	141	ePd	43	48.50	0.8	HCY	40.75	294	iPd	44	06.58	0.0				e	44	56.00	120kmX	
SPC	38.65	304	iPd	43	51.50	2.1	ZST	40.80	303	iPd	44	07.50	0.6				e	46	52.00		
AGG	38.69	288	eP	43	49.60	-0.1			i	45	47.70	566kmX		MGR	43.46	291	P	44	29.50	0.8	
SKO	38.70	293	iP	43	50.30	0.5			e	46	22.30			WET	43.46	305	iPd	44	29.30	0.6	
	1.1s	177.00nm			5.8mb				e	53	11.30				1.4s	391.00nm			6.0mb		
Z	14s	0.75um			4.7MszX		VRAC	41.02	305	iPd	44	09.80	1.1		KBA	43.47	302	iPd	44	28.90	-0.1
			i	44	18.00			0.9s	683.30nm			6.4mb				1.1s	200.00nm			5.8mb	
			i	44	25.60				i	44	11.20	5kmX		SGO	43.52	292	Pd	44	30.00	0.8	
			i	45	20.80		KSP	41.09	307	iPd	44	09.70	0.4		BHG	43.68	303	eP	44	30.60	0.2
			i	45	57.00			0.7s	203.00nm			6.0mb				1.0s	246.00nm			5.9mb	
			i	52	41.00				i	45	58.20			SOI	43.68	288	P	44	30.00	-0.5	
			i	52	59.40		VKA	41.31	303	iPd	44	12.10	0.9		DUI	43.85	294	P	44	33.00	1.0
			i	53	15.00			3.0s	1119.00nm			6.1mb			LOF	43.91	333	iPc	44	31.26	-0.7
			i	55	01.00				i	44	49.70	172kmX		HOF	43.95	307	iPd	44	33.10	0.5	
			i	58	31.00				i	45	13.50					0.8s	97.00nm			5.6mb	
			LR	05	35.00		AAE	41.57	235	eP	44	14.50	0.5	MOX	44.07	307	iPd	44	33.90	0.4	
KZN	38.81	290	eP	43	51.20	0.5	BRT	42.05	292	P	44	22.00	4.7X			1.5s	364.00nm			5.9mb	
VLI	38.85	284	eP	43	49.70	-1.3	HVAR	42.07	296	iP	44	17.00	-0.4				eP	45	12.00	173kmX	
OJC	38.89	306	iP	43	51.00	-0.2	IPM	42.26	134	ePc	44	19.00	-0.2	NAO	44.09	322	P	44	32.50	-1.1	
	0.8s	551.00nm			6.4mb			0.6s	55.60nm			5.5mb		ATN	44.10	289	P	44	33.00	-0.9	
			i	44	26.00	160kmX	PRU	42.28	306	iPd	44	19.50	0.4	TIK	44.20	22	iPd-	44	34.00	-0.2	
			i	44	33.10			1.1s	198.30nm			5.8mb				1.6s	380.00nm			5.9mb	
PSZ	38.96	302	ePd	43	52.80	0.8			pP	44	46.90	120kmX		Z	14s	1.50um			5.1MszX		
FNA	38.99	291	eP	43	52.56	0.3			sP	44	59.00					eP	45	00.00	112kmX		
SDF	39.07	334	iP	43	52.60	0.1			eP	46	03.30					i	46	22.00			
SNY	39.19	68	Pd	43	53.80	0.0			SS	53	48.00			SDI	44.31	294	P	44	36.00	0.4	
Z	12s	1.21um			4.9MszX		YAK	42.36	36	iPd-	44	18.00	-1.5	AQU	44.44	295	P	44	37.80	1.1	
E	13s	0.88um					Z	0.5s	705.00nm			6.7mb		GRF	44.45	306	iPd	44	37.80	1.2	
			pP	44	22.60	128kmX		0.80um				4.6Msz			1.4s	665.00nm			6.2mb		
			sP	44	36.40				e	45	54.00	524kmX				eP	45	05.10	119kmX		
			PcP	46	02.40				ePPP	46	32.00			ARV	44.49	297	Pd	44	37.80	0.8	
			ScP	49	39.00				iS	50	29.00			WTTA	44.59	302	iPd	44	37.40	-0.6	
			iS	49	45.00				e	54	05.00				0.7s	107.00nm			5.7mb		
			sS	50	33.00		VBV	42.45	299	iPd	44	21.50	1.1			i	46	18.90	560kmX		
			ScS	53	49.00				i	44	30.10	29kmX		WATA	44.61	302	iPd	44	37.50	-0.6	
OHR	39.35	291	iP	43	54.40	-0.8			iPcP	46	11.80					i	46	18.60	557kmX		
	0.9s	85.00nm			5.5mb		TRO	42.46	335	iPc	44	20.23	0.0	FUR	44.66	304	iPd	44	39.20	0.8	
BUD	39.59	302	iPc	43	57.50	0.5	BRG	42.57	307	iPd	44	21.60	0.2		1.2s	630.00nm			6.2mb		
BCI	39.62	293	iP	43	57.30	-0.1			i	44	28.50	23kmX		ASS	44.79	296	P	44	41.50	2.1	
PVY	39.65	294	iPd	43	58.58	0.9			i	46	06.40			CTI	44.82	301	Pd	44	39.60	-0.1	
IVA	39.65	294	iPd	43	59.35	1.7			i	46	23.50	0.3	MEU	44.84	287	P	44	40.50	0.6		
SNG	39.92	133	eP	43	59.80	-0.2			eP	44	50.00	115kmX		SQTA	44.88	302	iPd	44	39.40	-0.8	
			eS	49	58.90		BRNL	42.81	310	iPd	44	23.18	-1.2		0.7s	67.80nm			5.5mb		
PLE	39.93	295	iPd	44	01.41	1.4			e	45	04.00	181kmX		MOTA	44.93	303	iPd	44	40.00	-0.6	
KEV	39.95	337	iP	44	00.00	0.4			e	45	20.00			MUD	44.99	316	iPd	44	41.40	0.7	
	0.8s	224.40nm			6.0mb		LJU	42.85	300	ePd	44	24.60	0.9		0.9s	180.00nm			5.8mb		
Z	16s	4.00um			5.4MszX			1.4s	1100.00nm			6.4mb				i	46	19.10	544kmX		
			e	53	00.00				e	45	08.00			OGA	45.07	302	iPd	44	41.20	-0.6	
			LR	01	00.00				eS	54	48.00				0.8s	180.00nm			5.9mb		
TIR	39.98	292	eP	43	59.30	-1.0			e	54	44.00					i	44	56.20	57kmX		
SRO	40.03	302	iPd	44	02.00	1.4			e	05	18.00			RMP	45.08	295	P	44	42.00	0.3	
			i	44	27.20	109kmX	SLL	42.85	321	eP	44	22.30	-1.2	RDP	45.09	294	P	44	42.00	0.2	
			i	45	38.30			0.7s	334.40nm			6.2mb		CRE	45.15	297	P	44	43.60	1.2	
			i	46	20.30			16s	1.24um			4.9MszX		SFI	45.15	298	Pd	44	43.80	1.6	
LACI	40.04	292	eP	44	00.00	-0.7			LR	59	41.00			GIB	45.23	289	P	44	42.00	-1.0	
IGT	40.07	289	eP	44	00.56	-0.5	BRN	42.90	310	eP	44	25.00	1.0	PGD	45.26	298	iPd	45	00.60	17.4X	
SDA	40.10	293	eP	43	59.20	-2.0			eP	44	51.50	115kmX			0.7s	218.70nm					
TPE	40.12	290	iPc	44	00.10	-1.3	MDJ	42.94	62	eP	44	23.18	-1.2	FIR	45.61	298	eP	44	47.00	1.3	
CN2	40.17	64	Pc	44	02.20	0.4		2.0s	110.00nm			5.3mb		KGM	45.66	134	eP	44	47.50	1.0	
	0.8s	12.00nm			4.7mb X				ec	44	53.31	133kmX		SAL	45.68	300	P	44	47.00	0.7	
Z	18s	1.36um			4.8Msz				eS	50	42.00			OSS	45.70	302	ePd	44	46.40	-0.4	
N	11s	0.71um							SS	51	30.00			MOL	45.72	324	iPc	44	46.66	0.3	
E	11s	0.57um							SS	53	52.00			FAI	45.72	288	P	44	48.00	1.2	
			eP	44	28.00	112kmX	GEC2	42.97	304	Pd	44	24.90	0.2	BDI	46.00	298	P	44	49.40	0.4	
			eS	44	40.00			0.5s	26.80nm			5.2mb		PPI	46.12	139	eP	44	57.00	6.9X	
			PcP	46	05.00				e	46	09.90	598kmX		PII	46.13	298	Pd	44	50.00	0.1	
			ScP	49	42.50				e	44	31.00	19kmX		TNS	46.14	307	iPd	44	50.40	0.4	
			eS	50	00.00		KHC	43.01	305	iP	44	25.40	0.4	ODD1	46.18	321	iPc	44	50.78	0.6	
			sS	50	46.00			1.0s	125.00nm			5.6mb		MDI	46.20	301	P	44	49.00	-1.4	
			SS	52	57.00				e	44	53.50			VDL	46.20	302	iPd	44	50.50	-0.2	

SLE	46.58	304	iPd	44	53.20	-0.3			0.7s	160.05nm	6.0mb	HCG	53.07	312	iPc	45	42.30	-0.5				
BOB	46.62	299	P	44	55.20	1.3	DOMF		49.05	308	P	45	12.65	0.1		HOJO	53.12	61	eP	45	42.80	-0.4
HOFF	46.68	305	P	44	55.00	0.8	LMR		49.05	298	iPd	45	12.20	-0.4		YLL	53.15	313	iP	45	42.80	-0.5
TMA	46.69	301	ePd	44	53.80	-0.8			0.9s	91.75nm	5.6mb	OFUJ	53.17	66	eP	45	42.80	-0.9				
ZLA	46.71	303	ePd	44	54.00	-0.5	LRG		49.12	299	iPd	45	13.00	-0.1		KAKJ	53.19	69	P	45	43.60	-0.2
SRBF	46.76	305	P	44	55.71	0.9			1.1s	231.50nm	5.9mb	TSM	53.33	117	ePc	45	45.30	0.2				
LANF	46.78	305	P	44	55.49	0.5	PGP		49.50	106	eP	45	16.00	-0.3		YRE	53.34	313	iPc	45	44.40	-0.3
BER	46.81	321	iPc	44	55.27	0.3	LBF		49.74	304	iPd	45	17.10	-0.9		YRH	53.50	313	iPc	45	45.60	-0.3
BNS	46.81	308	iPd	44	55.40	0.2			1.3s	176.90nm	5.8mb	ENSF	53.50	300	P	45	46.60	0.4				
	1.3s	250.00nm				5.8mb	LOR		49.75	304	iPd	45	17.10	-0.9		DAG	53.77	343	iPc	45	46.50	-1.7
WIT	46.82	311	iPd	44	56.10	0.9			0.7s	55.55nm	5.6mb		0.6s	113.33nm				6.0mb				
WTS	46.86	310	iPd	44	56.20	0.7	Z		23s	0.47um	4.4MszX	KUSJ	53.85	60	eP	45	47.20	-1.4				
	0.6s	272.00nm				6.2mb	SSB		49.84	301	P	45	18.72	0.0		EBR	54.11	297	eP	45	49.00	-1.6
	e		45	38.50	193kmX		SMF		49.93	303	iPd	45	18.80	-0.5		EROQ	54.17	297	iPd	45	50.53	-0.5
	e		46	47.50					0.8s	149.35nm	5.9mb	EGRA	54.17	299	iPd	45	47.00	-4.0X				
EGD	46.87	321	eP	44	55.57	0.1	SSF		50.03	304	iPd	45	19.50	-0.6		DLF	54.46	314	iPd	45	51.90	-1.1
ASK	46.87	321	iPc	44	55.64	0.1			1.1s	208.05nm	6.0mb		0.8s	150.00nm				6.0mb				
FEL	46.87	304	P	44	55.55	-0.4	AVF		50.21	303	iPd	45	21.00	-0.4		DMU	54.50	314	iPd	45	52.40	-0.9
STR	46.89	305	P	44	56.45	0.6			0.6s	150.05nm	6.1mb		0.8s	158.00nm				6.0mb				
FOO	46.90	323	iPc	44	57.00	1.3	PPR		50.21	111	iPc	45	22.50	0.7		CME	54.63	310	iPc	45	53.50	-0.8
SUE	47.06	322	eP	44	57.22	0.2	PLDF		50.26	302	P	45	21.72	-0.2		ECP	54.71	312	iPd	45	54.00	-0.8
LIBD	47.08	304	P	44	57.37	0.0	AGO		50.56	303	P	45	24.34	0.2			0.6s	320.00nm			6.4mb	
SHNJ	47.14	76	P	44	59.70	1.7	BGF		50.61	303	iPd	45	23.90	-0.6		DCN	54.87	314	iPd	45	55.10	-0.9
CDF	47.24	305	P	44	58.44	-0.3			0.9s	98.60nm	5.7mb		0.8s	284.00nm				6.3mb				
BBS	47.29	303	P	44	58.48	-0.6	LBL		50.73	302	P	45	25.70	0.2		CPZ	54.88	310	iPc	45	55.10	-1.0
PCP	47.30	299	P	44	58.87	-0.4	PYM		50.73	302	P	45	25.49	-0.1		ECB	54.89	313	iPd	45	55.60	-0.5
MMK	47.32	301	ePd	44	58.60	-1.0	NAI		50.80	228	iP	45	27.00	0.5		CGP	55.52	108	eP	46	02.00	-0.9
ECH	47.36	304	P	44	59.24	-0.4			1.0s	106.00nm	5.7mb	ECRI	55.52	300	iPd	46	00.95	0.0				
KLL	47.40	308	ePd	44	59.80	-0.1	Z		24s	0.54um	4.5MszX	ECHE	55.61	296	iPc	46	01.76	0.2				
ORX	47.41	301	P	44	58.27	-1.9	MAF		50.89	303	iPd	45	26.60	-0.1		ACU	55.64	295	iPd	46	00.33	-1.5
ORO	47.41	301	Pd	44	58.20	-2.0			0.9s	237.20nm	6.1mb	ETOR	55.90	298	iPd	46	02.88	-0.8				
BAG	47.45	103	eP	45	01.00	0.2	KKM		50.93	117	ePd	45	29.50	2.1		AKU	56.36	330	iP	46	06.90	0.4
		eS	51	48.00					1.2s	126.80nm	5.7mb		1.3s	115.38nm				5.7mb				
MOF	47.45	304	P	45	00.34	-0.1	TCF		51.11	303	iPd	45	28.20	-0.1		BIP	56.84	107	eP	46	10.00	-0.5
PGF	47.53	297	P	45	00.63	-0.4			1.2s	426.05nm	6.2mb	VAL	57.04	313	iP	46	11.50	0.0				
KUMJ	47.55	78	eP	45	03.30	2.1	YSS		51.25	56	iPc	45	29.70	0.4			0.9s	2.10nm			4.1mb X	
KBS	47.55	347	eP	45	01.00	0.3			0.8s	60.00nm	5.6mb	DAV	57.06	108	eP	46	13.00	0.9				
MEM	47.60	308	iPd	45	01.61	0.2	Z		16s	0.90um	4.9MszX	EVIA	57.09	296	iPd	46	12.21	0.1				
FIN	47.62	299	P	45	00.74	-1.0				e	46	01.30	136kmX	GUD	57.43	299	eP	46	13.84	-0.7		
ENN	47.62	308	iPd	45	01.90	0.4				eS	52	38.00		EHUE	57.50	295	iPd	46	14.84	-0.2		
	0.7s	74.00nm				5.6mb			e	53	28.00		ENIJ	57.58	294	iPd	46	14.98	-0.5			
	e		46	53.00	626kmX				e	55	01.00		ALE	57.84	354	ePd	46	15.92	-0.9			
CVP	47.66	101	eP	45	02.00	-0.2	MTMJ		51.28	70	P	45	30.40	0.6			e	46	54.00	163kmX		
BSF	47.68	304	P	45	02.15	-0.1	LSF		51.57	303	iPd	45	31.00	-0.8		PAB	58.02	298	iPd	46	18.00	-0.6
DIX	47.68	302	ePd	45	02.10	-0.4			0.7s	79.15nm	5.7mb	EBAN	58.20	296	iPd	46	19.34	-0.5				
WLF	47.70	307	iPd	45	03.00	0.9	ESY		51.58	316	iP	45	31.10	-0.6		ECOG	58.43	295	eP	46	20.12	-1.4
LOMF	47.77	303	P	45	02.34	-0.5			1.1s	146.00nm	5.8mb	EMON	58.46	303	eP	46	20.11	-1.4				
ROB	47.83	299	P	45	02.66	-0.7	MAT		51.60	70	eP	45	31.00	-1.1		EGUA	58.62	294	eP	46	21.80	-0.9
IMI	47.92	299	P	45	04.13	0.1			0.8s	20.90nm	5.1mb	ERUA	58.76	302	eP	46	23.20	-0.4				
HAU	47.93	304	iPd	45	03.80	-0.2				eS	52	44.00		ELUQ	58.81	295	iPd	46	23.35	-0.7		
	0.9s	165.75nm				5.8mb	CAF		51.62	302	iPd	45	32.20	0.0		PET	58.93	45	eP	46	22.00	-2.6
Z	25s	0.75um				4.6MszX			0.9s	119.90nm	5.8mb		Z	16s	0.60um			4.8MszX				
EMS	48.01	302	iPd	45	04.90	0.0	EDU		51.66	317	iPc	45	31.80	-0.5			e	47	06.00	191kmX		
LSD	48.02	301	P	45	04.45	-0.5			1.4s	150.00nm	5.7mb				eS	54	15.00					
RSP	48.03	300	P	45	02.89	-2.0	EBL		51.85	316	iP	45	33.20	-0.6		EPLA	59.01	299	iPd	46	24.96	-0.5
BHB	48.10	300	P	45	03.76	-1.6	EDI		51.89	316	iPc	45	33.60	-0.4		BCAO	59.01	250	iPd	46	24.00	-1.7
VITF	48.12	305	P	45	05.73	0.3			0.8s	222.00nm	6.1mb				1.0s	105.00nm			5.8mb			
SAOF	48.13	299	P	45	05.81	0.2	NIJ		51.92	69	P	45	34.40	-0.1			i	46	32.50	28kmX		
KAGJ	48.14	79	eP	45	07.20	1.4	MTHF		51.94	299	P	45	34.64	0.0			i	46	53.20			
ENR	48.16	299	P	45	05.36	-0.6	LDF		51.96	307	iPd	45	33.80	-0.8			i	47	15.00			
DOI	48.21	300	P	45	05.00	-1.3			1.1s	365.30nm	6.2mb											
AUTN	48.22	299	P	45	07.05	0.5	EBH		51.99	317	iP	45	34.20	-0.7		MAL	59.27	295	iPd	46	26.00	-1.2
STV	48.22	299	P	45	05.23	-1.2	EKA		52.01	315	Pc	45	34.60	-0.4		EHOR	59.39	296	iPc	46	26.79	-1.2
SBF	48.25	299	eP	45	06.70	0.1			0.7s	115.30nm	5.9mb	EJIF	60.16	295	eP	46	32.01	-1.3				
	0.8s	351.40nm				6.2mb	ESK		52.04	315	iPc	45	34.50	-0.7		EVAL	60.56	296	eP	46	35.46	-0.6
LPG	48.28	301	iPd	45	07.10	0.0			0.6s	125.00nm	6.0mb	ZER	60.97	292	iP	46	40.00	1.2				
	0.5s	66.75nm				5.7mb	ELO		52.05	317	eP	45	34.10	-1.2		TIO	64.10	290	iPd	46	59.00	-0.8
LPL	48.29	301	iPd	45	07.10	0.0			0.7s	110.00nm	5.9mb	BRW	65.79	15	eP	47	10.10	0.3				
	0.7s	202.85nm				6.0mb	EAU		52.06	316	iPc	45	34.70	-0.6		GDH	66.07	342	iPc	47	11.30	-0.4
PZZ	48.31	300	P	45	05.59	-1.5	ASAJ		52.09	59	eP	45	34.70	-1.0			0.5s	84.51nm			5.9mb	
RSL	48.31	301	P	45	06.94	-0.2	KLI		52.19	137	eP	45	33.50	-3.2X		SMY	67.34	40	P	47	30.00	10.1X
AURF	48.32	299	P	45	07.39	0.2				e	45	49.00	59kmX	Z	21s	2.17um			5.3Msz			
REVf	48.33	299	P	45	07.37	0.2	YAMJ		52.33	67	eP	45	37.20	-0.3		RES	67.46	356	ePc	47	21.00	0.7
TOUF	48.34	299	P	45	08.02	0.6	CHJJ		52.37	70	P	45	37.70	-0.2			0.5s	9.00nm			4.9mb	
RRL	48.41	300	P	45	07.74	-0.3	EAB		52.46	317	iP	45	37.80	-0.5		KRI	67.49	225	iPc	47	20.90	-0.5
MVIF	48.44	299	P	45	08.43	0.3			0.7s	124.00nm	5.9mb											

BGL	1.3s	111.50nm	5.5mb	Z 20s	0.12um	4.4Msz	XAN	9.78	50 P	47 59.20	-1.8
	74.82	21 P	48 03.60 -1.1	MIAR	106.80 348 PKP	55 00.00 11.2X		1.0s	15.00nm		5.4mb X
CP2	74.86	21 P	48 04.40 -0.7	Z 19s	0.64um	5.2Msz	Z 12s	1.15um			3.8Msz
CRP	74.88	20 P	48 04.20 -0.9	UYO	107.32 348 iPKPc	54 31.80 -18.0X		pP	48 09.00		
		pP	48 04.20 -0.9	WMOK	107.33 352 PKP	55 00.00 10.2X	GUN	12.44 273 P	48 37.02	-0.6	
KNA	75.20	124 eP	48 06.50 -0.8	Z 18s	0.62um	5.2Msz	WHN	12.83 75 P	48 41.50	-0.9	
PMR	75.42	19 eP	48 08.00 0.1	ALO	107.60 359 PKP	55 00.00 9.4X		0.7s	15.00nm		5.3mb X
	1.0s	127.80nm	5.7mb	Z 22s	1.32um	5.4Msz	Z 10s	1.27um			
TOA	75.72	18 ePd	48 10.60 0.9	TUC	110.18 3 PKP	55 10.00 14.6X	E 10s	0.82um			
KIC	75.81	267 P	48 10.30 -0.6	Z 20s	0.69um	5.2Msz		pP	48 49.00		
	0.4s	20.50nm	5.3mb	PPM	122.77 350 (PKP)	55 21.00 0.7	PKI	12.88 272 P	48 42.32	-1.2	
	S	57 42.30	-0.5	SIV	133.57 285 PKP	55 45.00 4.6X	KKK	12.98 273 P	48 44.52	-0.2	
TIC	75.86	267 P	48 10.70 -0.5	ZOBO	139.08 291 PKP	55 44.00 -7.5X	DMN	13.15 272 P	48 46.66	-0.3	
	S	57 42.40	-1.6		i	55 53.60	GKN	13.53 274 P	48 50.52	-1.5	
SLKM	76.04	20 P	48 09.90 -1.6	LPB	139.21 290 ePKP	55 48.00 -3.5X	TIY	14.27 44 eP	49 01.80	0.2	
	pP	48 11.80 127kmX		CNCB	139.29 290 PKP	55 45.10 -6.7X	Z 16s	0.71um			
LIC	76.12	267 P	48 11.90 -0.7	YJA	140.54 281 ePKPd	55 46.50 -7.3X	N 16s	0.95um			
KLU	76.31	18 P	48 12.60 -0.5	ARE	141.65 294 ePKP	55 53.00 -2.7X	BTO	15.07 31 eP	49 12.40	0.4	
	pP	48 44.10 125kmX		TCA	144.08 267 iPKPd	55 57.00 -2.2X	HHC	15.99 34 P	49 24.80	0.8	
SDN	76.89	28 P	48 30.00 13.8X	MRA	145.36 266 ePKPc	56 02.20 1.0	TIA	16.69 56 eP	49 33.40	0.6	
Z 20s	2.38um	5.5Msz		CFA	147.07 269 ePKPd	56 06.00 1.8	BJI	18.01 44 eP	49 50.00	0.8	
BALM	77.54	16 P	48 19.80 -0.1	RTL	147.15 269 ePKPc	56 05.70 1.4		1.2s	33.00nm		4.3mb
KDC	77.68	23 eP	48 21.70 1.2	RTCV	147.40 269 e(PKP)	56 05.00 0.3	NDI	20.02 277 eP	50 15.50	2.3	
YKA	79.89	3 eP	48 32.90 0.5	RTCB	147.47 269 ePKPd	56 07.60 2.7X	HYB	22.33 246 eP	50 36.30	-0.5	
	0.6s	115.00nm	5.8mb	RFA	148.30 263 e(PKP)	56 01.50 -4.6X	GBA	25.39 240 P	51 09.00	2.6	
WRA	81.89	123 P	48 42.80 -0.7	PEL	149.55 267 ePKP	56 10.00 2.0	KAF	58.06 328 eP	55 36.00	3.4X	
	0.7s	8.90nm	4.7mb X		S.D. = 0.9 on 463 of 512 obs.		WRA	58.11 141 P	55 31.50	-2.0	
WB2	81.90	123 iPd	48 42.60 -1.0					0.5s	2.00nm		4.4mb
	0.5s	24.30nm	5.2mb	% DEC 04, 1992 12h 38m 13.50±1.52s			WB2	58.12 141 iPc	55 32.00	-1.5	
SIT	82.67	15 P	48 48.60 1.6	44.227 S ± 5.9km 168.025 E ± 14.5km			HFS	0.7s	7.80nm		4.9mb
	0.7s	42.84nm	5.4mb	DEPTH = 33.0km (normal)				64.34 326 eP	56 14.80	-0.3	
POF	82.80	224 eP	48 42.00 -6.0X	SOUTH ISLAND, NEW ZEALAND (162)			NAO	0.5s	1.70nm		4.5mb
FCC	83.10	353 ePc	48 53.00 3.8X	ML 4.0 (WEL).				65.57 327 P	56 22.30	-0.8	
PMG	84.05	107 eP									

ORV 6.35 326 eP 01 17.63 -1.6
 DUG 6.68 28 eP 01 23.91 0.0
 SRU 6.98 45 (Pn) 01 28.79 0.5
 EMUT 7.30 40 (P) 01 33.53 0.7
 PV09 7.51 54 eP 01 34.47 -1.3
 PV10 7.51 55 ePd 01 34.62 -1.1
 DAV 7.53 35 eP 01 37.49 1.4
 PV08 7.87 55 eP 01 39.23 -1.7
 LBFM 8.01 332 eP 01 42.21 -0.4
 HVU 8.09 23 (P) 01 43.77 0.0
 KMPM 8.33 319 (P) 01 45.91 -1.1
 ALO 8.64 83 eP 01 50.35 -1.1
 BW06 10.18 32 ePd 02 13.13 0.4
 LRM 11.94 15 eP 02 41.50 4.7
 RMW 13.59 346 (P) 02 57.84 -0.8
 SES 16.59 13 eP 03 41.00 3.5
 MIAR 19.24 83 (P) 04 08.41 -2.1
 0.7s 5.61nm 3.9mb
 IMA 38.44 337 (P) 07 05.34 -1.6
 1.3s 3.39nm 3.9mb
 50 obs. associated

% DEC 04, 1992 13h 01m 31.43±0.47s
 41.995 S ± 4.7km 171.715 E ± 5.6km
 DEPTH = 18.1 ± 4.5 km
 SOUTH ISLAND, NEW ZEALAND (162)
 ML 3.9 (WEL).

DSZ 0.26 15 Pc 01 37.50 0.1
 S 01 41.70
 LTZ 0.89 153 P 01 48.10 0.1
 S 01 59.10
 THZ 0.92 76 Pd 01 47.90 -0.7
 ORZ 1.32 28 P 01 55.30 0.4
 S 02 13.00
 KHZ 1.42 108 P 01 57.20 0.9
 EWZ 1.64 202 eP 02 01.50 2.0
 MOZ 1.85 158 P 02 02.50 0.0
 S 02 24.40
 TCW 2.07 69 eP 02 06.00 0.2
 LMZ 2.49 225 P 02 11.90 0.2
 KIW 2.66 66 eP 02 14.40 0.2
 MOW 2.71 79 eP 02 14.90 0.0
 BWZ 2.87 207 eP 02 17.60 0.6
 AMW 3.11 79 eP 02 19.70 -0.8
 ODZ 3.15 194 eP 02 20.70 -0.4
 S 02 55.80
 MNG 3.15 65 P 02 21.40 0.2
 MMCZ 3.55 211 eP 02 26.20 -0.7
 SBCZ 3.56 209 P 02 26.60 -0.3
 LSCZ 3.56 208 eP 02 26.30 -0.6
 MOZ 4.21 35 P 02 35.80 -0.4
 TUZ 4.24 200 eP 02 35.50 -1.0
 S.D. = 0.7 on 20 of 20 obs.

% DEC 04, 1992 13h 10m 14.18±0.93s
 39.093 N ± 8.9km 27.694 E ± 15.6km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 IZM 0.77 206 ePg 10 29.30 0.0
 iSg 10 40.80
 DST 0.89 54 ePn 10 31.00 -0.2
 EDC 1.26 6 ePn 10 37.00 -0.6
 KCT 1.26 24 ePn 10 38.20 0.6
 BNT 1.27 8 ePn 10 38.00 0.2
 S.D. = 0.6 on 5 of 5 obs.

DEC 04, 1992 14h 00m 30.71±0.70s
 36.165 N ± 7.5km 139.884 E ± 7.8km
 DEPTH = 72.8 ± 5.9 km
 4.7mb (8 obs.)
 EASTERN HONSHU, JAPAN (227)

KAKJ 0.24 80 iPd 00 41.90 0.0
 S 00 48.80
 CHJJ 0.73 261 iPd 00 45.50 -0.9
 NIJJ 1.29 327 iPd 00 52.80 -0.5
 S 01 08.50
 MAT 1.40 286 iPc 00 53.80 -1.1
 eS 01 12.00
 MTMJ 1.73 285 P 00 59.40 0.0
 IIDJ 1.74 247 P 01 01.60 2.1
 S 01 23.50
 YAMJ 2.01 3 iPd 01 03.80 0.7
 TSRJ 3.23 260 eP 01 21.20 1.1
 OFUJ 3.24 25 P 01 20.50 0.3

WKYJ 4.01 242 P 01 56.40 eS
 AOMJ 4.40 5 eP 01 30.80 -0.3
 TKSJ 5.26 247 eP 01 37.70 1.2
 YONJ 5.32 261 P 01 47.90 -0.6
 MRRJ 6.32 8 eP 01 49.60 0.2
 HOOJ 6.75 22 eP 02 05.20 2.0
 eS 02 07.70 -1.4
 KUSJ 7.86 27 eP 03 18.10 0.2
 eS 02 21.80 -2.7
 eS 03 46.20
 ASAJ 8.22 14 eP 02 28.50 -1.0
 KUMJ 8.32 247 eP 02 32.10 1.3
 MDJ 11.52 320 eP 03 18.20 4.0X
 CN2 13.43 309 eP 03 47.00 7.6X
 1.0s 4.90nm 4.0mb
 eP 03 55.00
 BJI 19.04 289 eP 04 50.00 0.3
 WMQ 40.14 297 eP 08 02.00 1.0
 GUN 46.02 276 P 08 48.80 -0.3
 PKI 46.54 275 P 08 51.02 -2.2
 KKN 46.55 276 P 08 53.38 0.2
 0.6s 7.00nm 4.8mb
 DMN 46.76 276 P 08 52.14 -2.8
 GKN 46.98 276 P 08 55.74 -0.7
 0.8s 20.00nm 5.1mb
 WB2 56.05 186 iPc 10 03.90 -0.4
 0.6s 13.50nm 5.2mb
 WRA 56.05 186 P 10 04.00 -0.3
 0.3s 6.60nm 5.1mb
 ASPA 59.77 186 eP 10 29.90 -0.5
 0.8s 8.90nm 4.9mb
 GBA 59.92 265 P 10 31.00 -0.6
 WARB 63.26 193 iPc 10 54.40 0.6
 RES 63.74 14 eP 11 13.00 16.6X
 YKA 65.17 30 eP 11 21.20 15.4X
 0.8s 1.60nm
 NUR 70.13 332 eP 11 38.00 1.2
 HFS 74.37 335 eP 12 01.50 -0.4
 0.4s 0.90nm 4.1mb
 NAO 74.79 337 P 12 06.30 1.9
 0.5s 1.30nm 4.1mb
 LRM 75.63 43 eP 12 12.20 2.5
 e 12 27.30

ZOBO 148.19 59 PKP 20 13.20 5.6X
 LPB 148.38 59 ePKP 20 18.00 10.4X
 CNCB 148.66 59 PKP 20 15.00 6.8X
 S.D. = 1.3 on 34 of 41 obs.
 ? DEC 04, 1992 15h 02m 53.02±5.02s
 29.518 N ± 24.8km 31.330 E ± 35.7km
 DEPTH = 10.0km (geophysicist)
 EGYPT (553)
 MD 3.6 (RYD), 3.5 (HLW).
 HLW 0.34 2 eP 03 00.00 0.0
 eS 03 06.50
 KOT 0.60 47 ePg 03 06.00 0.9
 SAGI 2.98 76 eP 03 40.50 -0.7
 MBH 3.10 84 eP 03 43.40 0.4
 HOL 3.26 93 eP 03 54.00 8.9X
 eS 04 39.33
 ARVI 3.52 70 eP 03 47.40 -1.5
 AYN 4.13 98 eP 03 58.33 0.8
 eS 05 08.00
 S.D. = 1.2 on 6 of 7 obs.

DEC 04, 1992 16h 12m 06.03±0.56s
 24.676 S ± 4.6km 68.073 W ± 8.7km
 DEPTH = 120.3 ± 7.5 km
 4.4mb (2 obs.)
 CHILE-ARGENTINA BORDER REGION (127)

FSA 2.33 127 iP 12 17.20 -27.0X
 (S) 13 03.50
 SLA 2.35 92 ePd 12 46.60 2.0
 S 13 16.60
 ANT 2.35 294 iPd 12 45.20 0.8
 iS 13 11.70
 HJA 2.84 60 iPc 12 52.80 1.9
 S 13 01.50
 YJA 3.43 44 iPc 13 00.70 1.4
 CYA 4.27 152 iPd 13 12.00 1.8
 RTPR 5.77 166 e(P) 13 31.10 0.5
 RTLL 6.64 183 iPd 13 42.20 -0.3
 RTCB 6.81 185 ePc 13 44.60 -0.4
 ZON 6.86 184 eP 13 44.50 -1.1
 CFA 6.91 181 ePd 13 46.00 -0.2

DEC 04, 1992 16h 12m 06.03±0.56s
 24.676 S ± 4.6km 68.073 W ± 8.7km
 DEPTH = 120.3 ± 7.5 km
 4.4mb (2 obs.)
 CHILE-ARGENTINA BORDER REGION (127)

FSA 2.33 127 iP 12 17.20 -27.0X
 (S) 13 03.50
 SLA 2.35 92 ePd 12 46.60 2.0
 S 13 16.60
 ANT 2.35 294 iPd 12 45.20 0.8
 iS 13 11.70
 HJA 2.84 60 iPc 12 52.80 1.9
 S 13 01.50
 YJA 3.43 44 iPc 13 00.70 1.4
 CYA 4.27 152 iPd 13 12.00 1.8
 RTPR 5.77 166 e(P) 13 31.10 0.5
 RTLL 6.64 183 iPd 13 42.20 -0.3
 RTCB 6.81 185 ePc 13 44.60 -0.4
 ZON 6.86 184 eP 13 44.50 -1.1
 CFA 6.91 181 ePd 13 46.00 -0.2

RTCV 7.17 183 ePc 13 49.70 -0.1
 TCA 7.31 156 iPc 13 51.00 -0.7E
 CCH 7.48 14 P 13 52.40 -1.8
 CNCB 7.83 1 iPc 13 57.80 -1.4
 i 16 36.70
 MRA 7.98 165 ePc 14 01.00 0.3
 LPB 8.10 360 P 14 02.00 -0.8
 S 15 35.00
 MDZ 8.21 185 e(P) 14 03.90 0.1
 ZOBO 8.35 360 P 14 04.00 -2.3
 S 15 39.00
 ARE 8.78 338 eP 14 17.00 5.2X
 iS 15 40.50
 RFA 10.07 182 ePc 14 26.20 -2.6
 SIV 10.85 39 P 14 39.00 -0.2
 NNA 15.11 325 eP 15 35.50 1.1
 1.0s 13.00nm 4.2mb
 VAO 19.38 89 iPd 16 22.80 -2.2
 LIC 68.58 72 P 22 57.10 -1.1
 TIC 68.79 72 P 22 58.60 -0.9
 KIC 68.89 72 P 22 58.60 -1.5
 ULM 78.56 342 eP 23 58.00 2.6
 LRM 80.91 330 eP 24 09.50 1.2
 FCC 85.89 347 eP 24 36.50 3.6X
 YKA 94.42 340 eP 25 12.80 -0.1
 0.5s 1.70nm 4.7mb
 ASPA 127.43 206 iPKPc 30 59.10 0.3
 0.6s 3.70nm
 WB2 130.57 208 iPKPd 31 05.80 1.0
 0.3s 3.60nm
 WRA 130.57 208 PKP 31 05.90 1.1
 1.0s 1.30nm
 GBA 145.70 102 PKP 31 34.00 1.6
 HYB 148.09 97 ePKP 31 40.60 4.3X
 S.D. = 1.4 on 32 of 36 obs.

& DEC 04, 1992 16h 17m 16.85s
 62.452 N 149.659 W
 DEPTH = 56.8km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).

CUT 0.29 261 eP 17 26.35 -0.3
 HUR 0.53 1 iP 17 28.42 -0.6
 eS 17 37.96
 PWA 0.81 187 eP 17 31.90 -0.5
 PLRM 0.90 164 iP 17 32.72 -0.8
 S 17 45.96
 PMR 0.90 164 iPd 17 32.39 -1.1
 eS 17 45.23
 SML 0.90 135 iP 17 32.61 -1.0
 eS 17 46.42
 SKT 1.00 242 iP 17 34.27 -0.6
 eS 17 48.62
 RND 1.03 21 eP 17 34.44 -0.9
 eS 17 48.06
 TRF 1.04 344 iP 17 34.79 -0.9
 eS 17 48.52
 SUA 1.12 208 iP 17 36.17 -0.5
 KNK 1.19 151 iP 17 36.92 -0.6
 S 17 53.11
 PMS 1.21 178 ePc 17 37.58 -0.4
 KTH 1.25 333 eP 17 37.60 -0.8
 S 17 53.55
 SCM 1.26 119 eP 17 37.42 -1.1
 S 17 55.56
 MCK 1.33 14 eP 17 39.05 -0.4
 eS 17 55.87
 NCG 1.58 229 eP 17 42.13 -0.9
 S 18 02.63
 CGLM 1.60 225 eP 17 42.56 -0.7
 PTE 1.62 169 eP 17 43.18 -0.3
 TOA 1.67 101 iPc 17 44.60 0.4
 CRP 1.68 226 ePn 17 43.88 -0.6
 ePg 17 51.74
 SPU 1.71 223 eP 17 43.84 -0.9
 CP2 1.71 227 eP 17 44.25 -0.7
 i 17 52.62
 CKN 1.72 225 eP 17 44.98 0.1
 CKT 1.74 225 eP 17 44.81 -0.5
 BGL 1.76 229 ePn 17 45.38 -0.2
 CKL 1.79 226 eP 17 45.46 -0.5
 NKA 1.87 204 eP 17 49.55 2.6
 SDG 1.91 86 iP 17 47.01 -0.6
 SLKM 1.97 188 eP 17 48.44 0.0
 MPA 1.98 176 eP 17 48.17 -0.3

04d 16h

GLI	2.00	141	eP	17	47.37	-1.4
PAX	2.00	73	iP	17	48.03	-0.9
KLU	2.01	117	eP	17	47.67	-1.4
TZL	2.02	100	eP	17	48.88	-0.2
THY	2.03	60	eP	17	49.73	0.4
VLZ	2.06	129	eP	17	48.21	-1.4
WRH	2.15	18	eP	17	49.42	-1.4
NEA	2.15	7	eP	17	48.67	-2.2
FID	2.29	137	eP	17	50.92	-1.9
RDT	2.30	216	eP	17	53.12	0.0
KNIM	2.30	155	eP	17	52.20	-0.9
HDA	2.31	31	eP	17	52.05	-1.1
CCB	2.35	20	eP	17	52.25	-1.5
SEW	2.36	177	eP	17	54.34	0.5
DFR	2.36	219	eP	17	54.22	0.2
REF	2.45	218	eP	17	55.53	0.2
NCT	2.46	221	eP	17	56.18	0.8
RDW	2.49	219	eP	17	56.22	0.4
RS2	2.49	218	eP	17	56.00	0.1
RSO	2.49	218	eP	17	56.38	0.5
HIN	2.56	142	eP	17	54.97	-1.7
FBA	2.59	18	eP	17	55.50	-1.7
MDM	2.60	14	eP	17	55.30	-1.9
MLY	2.63	350	eP	17	55.77	-2.0
GLB	2.94	108	eP	18	00.10	-2.1
TTA	2.97	282	ePn	18	00.38	-2.2
SVW	3.14	247	eP	18	03.07	-1.9
BALM	3.76	109	ePn	18	10.34	-3.4
			ePg	18	17.26	
			eS	19	01.26	
IMA	4.03	336	eP	18	14.67	-2.9

59 obs. associated

& DEC 04, 1992 16h 20m 29.90s
34.363 N 116.921 W
DEPTH = 0.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.5 (GS).

PEC	0.51	203	eP	20	39.68	-0.4
SSK	0.66	257	eP	20	42.61	-0.4
ISA	1.82	316	ePn	21	01.55	-1.2
BCH	2.73	288	ePn	21	16.10	0.2
MMPM	3.66	333	ePg	21	36.13	6.8
MEMM	3.68	334	ePn	21	30.15	0.9
ARUT	4.43	39	ePn	21	41.99	1.9
			ePg	21	54.22	

7 obs. associated

& DEC 04, 1992 18h 00m 36.55s
34.379 N 116.928 W
DEPTH = 2.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.6 (GS).

PEC	0.52	202	ePn	00	46.36	-0.6
			S	00	53.80	
SSK	0.66	255	eP	00	48.85	-0.8
			eS	00	57.94	
ISA	1.80	316	ePn	01	06.55	-2.3
			ePg	01	09.43	
GLA	2.20	126	eP	01	12.34	-2.2
BONR	3.74	343	ePg	01	46.29	9.6

5 obs. associated

DEC 04, 1992 18h 15m 54.73±0.48s
36.444 N ± 6.1km 114.021 W ± 4.5km
DEPTH = 5.0km (geophysicist)
SOUTHERN NEVADA (41)
ML 3.4 (GS).

ARUT	1.42	19	eP	16	20.42	-1.0
			eS	16	37.29	
GSC	2.53	244	ePnd	16	37.42	0.2
			ePg	16	42.93	
MSU	2.54	35	eP	16	39.77	2.3
TNP	3.03	304	ePn	16	43.15	-1.3
			ePg	16	51.87	
GLA	3.45	191	ePn	16	50.61	0.4
PEC	3.62	226	ePc	16	52.80	0.1
ISA	3.69	259	ePn	16	54.49	0.8
BONR	3.74	295	eP	16	54.37	-0.2
SSK	3.74	234	ePn	16	54.84	0.3
MTUM	3.75	285	ePnc	16	54.91	0.2
			ePg	17	04.03	
MRCM	3.79	290	ePn	16	55.90	0.6
			ePg	17	05.26	

SRU	3.84	45	ePn	16	57.50	1.5
DUG	3.86	14	ePn	16	56.85	0.6
PLM	3.87	218	eP	16	56.40	0.1
MEMM	4.12	289	(Pn)	16	57.57	-2.1
KVN	4.15	310	(Pn)	17	01.59	1.3
			ePg	17	12.73	
MMPM	4.17	288	(Pn)	16	58.86	-1.9
			ePg	17	13.83	
PV09	4.40	61	ePn	17	03.36	-0.6
PV10	4.41	63	ePn	17	03.36	-0.8
PV08	4.77	62	(Pn)	17	08.87	-0.5
PKEM	4.93	267	(P)	17	12.67	1.4
ALQ	6.33	101	ePn	17	29.98	-1.3

S.D. = 1.2 on 22 of 22 obs.

* DEC 04, 1992 18h 18m 26.01±1.07s
31.696 S ±11.3km 71.493 W ±11.8km
DEPTH = 75.7 ± 30.5 km
NEAR COAST OF CENTRAL CHILE (135)
MD 4.5 (SAN).

JACH	1.24	142	iPd	18	48.01	-0.3
ROCH	1.34	162	iP+	18	49.43	-0.2
PEL	1.60	155	iP+	18	53.17	0.2
			iS	19	13.23	
LCCH	1.78	182	iP+	18	54.94	-0.3
SAN	1.89	158	iP	18	57.10	0.2
			iS	19	20.02	
FCH	1.92	148	iP+	18	57.95	0.4
			iS	19	21.92	
TACH	2.01	167	iP+	18	58.73	0.2
PCH	2.09	157	iP	18	59.83	0.1
			iS	19	25.28	
LNV	2.25	178	iP+	19	01.13	-0.7
RTCB	2.31	86	iPd	19	03.00	0.3
ZON	2.41	87	iPd	19	05.00	1.0
			eS	19	35.00	
RTCV	2.52	95	ePd	19	07.00	1.4
CACH	2.53	163	iP	19	06.10	0.3
MDZ	2.53	119	iP	19	08.50	2.7X
			iS	19	17.90	
			iS	19	42.50	
RTLL	2.61	83	iPc	19	07.20	0.4
			S	19	40.80	
CFA	2.78	89	ePc	19	10.00	0.9
			S	19	45.10	
RFA	3.98	141	e(P)	19	26.30	0.3
RTPR	4.50	73	ePd	19	32.00	-1.1
			S	20	22.10	
MRA	4.96	100	ePd	19	38.20	-1.4
			S	20	30.00	
TCA	5.90	88	iPd	19	50.50	-2.4
			(S)	19	53.50	
CYA	5.91	58	eP	19	50.00	-2.9X
FSA	7.37	42	e(P)	20	12.00	-1.0
ANT	8.02	7	eP	20	30.70	8.8X
SLA	8.73	39	ePd	20	35.00	3.2X
CNCB	15.16	13	P	21	57.00	-0.8
LPB	15.41	12	eP	22	09.00	8.2X
ZOBO	15.64	12	P	22	03.70	-0.2
SIV	18.29	34	P	22	39.00	2.7

S.D. = 1.1 on 23 of 28 obs.

DEC 04, 1992 19h 11m 29.23±0.19s
43.044 N ± 2.6km 17.559 E ± 2.1km
DEPTH = 10.0km (geophysicist)
4.3mb (4 obs.)
NORTHWESTERN BALKAN REGION (383)
ML 4.3 (VIE), 4.2 (LJU), 4.2
(TIR), MD 4.2 (TRI), 4.1 (TTG).
Felt in the
Mokorsko-Metkovic-Dubrovnik
area, Croatia. Also felt at
Ljubuski, Bosnia-Herzegovina.

BRY	0.74	101	iPg	11	42.55	-1.2
			iSg	11	51.45	
HVAR	0.82	280	iPg	11	46.00	0.8
			i	11	58.50	
			i	12	00.20	
HCV	0.91	130	iPg	11	46.28	-0.4
			iSg	11	57.82	
NKY	1.08	102	iPg	11	49.21	-0.4
			iSg	12	04.15	
BDV	1.21	129	iPg	11	51.53	-0.2
			iSg	12	07.96	
PLE	1.37	77	iPg	11	54.08	-0.4

			iSg	12	13.42	
TTG	1.40	116	iPg	11	54.57	-0.1
			iSg	12	14.40	
ULC	1.65	130	iPnd	11	59.61	1.2
			iSn	12	22.97	
IVA	1.73	95	iPnd	12	00.91	1.4
			iSn	12	25.22	
SDA	1.74	124	iPnd	12	00.70	1.0
			iSn	12	24.40	
PVY	1.83	103	iPnc	12	02.96	1.8
			iSn	12	28.05	
BCI	1.97	109	iPnc	12	04.30	1.3
			iSn	12	30.90	
BAI	1.99	195	P	12	03.00	-0.3
LACI	2.13	131	ePn	12	07.00	1.8
			iSn	12	38.50	
BRT	2.18	187	P	12	05.90	-0.2
			eSn	12	32.20	
TIR	2.41	134	iPnd	12	09.60	0.3
			iSn	12	45.20	
DUI	2.68	240	P	12	14.70	1.4
			eSn	12	47.60	
VBY	2.96	327	ePn	12	19.30	2.1
			iPb	12	25.20	
			iPg	12	28.40	
			iSn	12	57.00	
			iSb	13	05.00	
			iSg	13	08.80	
ZAG	2.99	338	iPnc	12	19.00	1.5
			iS	13	03.00	
SGO	3.00	215	P	12	18.20	0.6
			eSn	12	54.40	
SKO	3.06	109	iPb	12	27.50	9.0X
			iPg	12	33.50	
			iSn	13	03.30	
			iSb	13	14.60	
			iSg	13	21.00	
			Lg	13	25.50	
SKO	3.06	109	iPnc	12	19.80	1.3
			i	12	24.30	
PTJ	3.08	339	iPnc	12	19.30	0.5
			iSn	12	55.70	
			iSg	13	05.10	
SDI	3.08	246	P	12	20.20	1.4
OHR	3.09	128	iPb	12	28.80	9.8X
			iSn	13	02.60	
			i	13	13.00	
			Lg	13	22.00	
OHR	3.09	128	iPn	12	20.30	1.3
			i	12	24.10	
AQU	3.14	259	P	12	22.00	2.3
			eSn	12	58.60	
RFI	3.18	238	P	12	22.79	2.6
RIY	3.24	316	iPn	12	23.20	2.1
			iSn	13	00.00	
			iSg	13	13.00	
MGR	3.27	208	P	12	21.80	0.3
TPE	3.30	145	ePn	12	26.00	4.0X
ARV	3.40	279	P	12	25.30	1.9
			eSn	13	06.80	
TDS	3.50	196	P	12	25.00	0.2
ASS	3.59	272	P	12	28.60	2.5
			eSn	13	10.00	
FNA	3.63	127	ePn	12	27.48	0.7
SRN	3.65	149	ePn	12	26.60	-0.4
LJU	3.70	325	ePn	12	29.60	2.0
			e	12	35.10	
KEK	3.73	152	ePg	12	29.00	0.9
TIM	3.76	43	eP	12	50.00	21.5X
RMP	3.80	253	Pd	12	31.20	2.1
TRI	3.81	316	ePn	12	30.70	1.5
			ePb	12	38.50	
			iPg	12	42.00	
			iPgPg	12	45.90	
			i	13	11.30	

VAY	4.10	113	iPn	12 32.40	-0.9			e	13 11.60			Ssn	15 55.60	
			iSn	13 34.60		PGF	6.32 268	Pn	13 05.90	1.1	SSF	10.72 297	Pn	14 04.50 1.5
			Lg	13 49.50				Sn	14 17.90				Sn	15 59.90
CRE	4.13	280	P	12 36.90	3.1X	GEC2	6.39 336	Pn	13 06.70	0.9	AVF	10.75 295	Pn	14 04.10 -2.1
			eSn	13 23.40				Pg	13 31.30				Sn	16 00.30
GRG	4.17	118	ePn	12 34.52	0.2			Sn	14 18.10		BGF	11.03 294	Pn	14 08.20 -1.8
KZN	4.17	130	ePb	12 37.80	3.4X	UZH	6.50 29	eP	13 07.00	-0.1			Sn	16 06.10
VTS	4.18	94	iP	12 34.00	-0.6			eS	14 21.00		MAF	11.15 292	Pn	14 09.50 -2.1
SFI	4.24	284	Pd	12 37.50	2.2	MLR	6.50 65	eP	13 09.00	1.6			Sn	16 09.80
			eSn	13 25.80		KHC	6.69 337	Pnc	13 10.40	0.5	CAF	11.32 285	Pn	14 13.70 -0.4
KKB	4.25	104	iP	12 36.00	0.5		1.0s 28.50nm			5.2mb	DOU	11.36 313	eP	14 35.70 21.2X
GR1	4.31	192	P	12 36.77	0.4			e	13 16.10				S	16 21.00
KNT	4.39	114	iPn	12 37.29	-0.2			e	14 19.50		TCF	11.40 292	Pn	14 13.50 -1.6
			eSn	13 34.00		PCP	6.69 286	P	13 09.44	-0.6			Sn	16 15.80
GZR	4.42	56	eP	12 37.00	-1.0			S	14 20.78		HFS	17.28 353	eP	15 30.30 -1.5
RBL	4.43	321	Pd	12 39.60	1.6	CVO	6.76 63	eP	13 11.00	0.0		0.5s 1.60nm		3.4mb
FIR	4.65	281	ePn	12 45.50	4.4X	CKI	6.86 285	P	13 12.10	-0.3	OBN	17.28 39	eP	15 30.00 -1.9
			iSn	13 37.00		FIN	6.89 283	P	13 11.96	-0.7	NUR	18.01 11	eP	15 40.30 -0.7
LIT	4.72	127	ePn	12 42.72	0.5			S	14 25.70		MOS	18.13 39	eP	15 46.00 3.5X
DEV	4.76	52	ePd	12 44.00	1.3	VAI	6.89 297	P	13 12.30	-0.4	NAO	18.27 349	P	15 42.60 -1.5
MMB	4.80	106	eP	12 43.00	-0.3			eSn	14 26.80			0.6s 0.80nm		3.1mb X
SRO	4.80	6	iPn	12 44.00	0.8	WET	6.91 334	iPd	13 13.30	0.2	KAF	19.79 12	eP	15 59.50 -2.8
			i	12 51.50		IMI	7.09 280	P	13 15.34	-0.2		0.3s 3.10nm		4.1mb
			i(Sn)	13 41.80		ROB	7.14 283	P	13 15.21	-1.0	SDF	24.89 8	iP	17 07.70 14.6X
			Lg	14 14.00		VRI	7.14 64	eP	13 08.00	-8.3X	BRVK	35.88 55	eP	18 28.00 -3.0X
SOH	4.86	115	ePn	12 44.00	-0.2	PRU	7.25 344	ePn	13 18.50	0.8		1.0s 6.00nm		4.4mb
SRS	4.88	111	ePn	12 44.48	0.0			e	13 24.50		GKN	55.24 82	P	21 01.80 -3.2X
			eSn	13 45.00				e	13 31.70		DMN	55.81 83	P	21 06.48 -2.7
PGB	4.89	94	eP	12 45.00	0.4	ORO	7.34 294	Pd	13 19.00	-0.1	KKN	55.83 82	P	21 06.24 -3.1X
FVI	4.91	318	P	12 46.80	2.0			eSn	14 37.30		PKI	56.05 82	P	21 08.02 -3.0X
			eSn	13 40.80		ORX	7.34 294	P	13 16.94	-2.2	GUN	56.20 82	P	21 09.28 -2.8
KBA	5.02	325	iPnc	12 47.80	1.3	OJC	7.34 11	eP	13 19.00	0.0	BOD	58.03 39	eP	21 19.80 -4.4X
			i	12 53.50				iS	14 42.30		WRA	122.78 87	Pdiff	26 58.50 1.1
			i	12 57.30		SBF	7.41 280	Pn	13 19.90	-0.2		0.7s 0.20nm		
			i	13 16.00				Sn	14 42.00			S.D. = 1.4 on 144 of 167 obs.		
			iSn	13 45.80		ENR	7.45 283	P	13 20.95	0.3		* DEC 04, 1992 19h 48m 05.85±1.03s		
			i	13 56.20		STV	7.52 283	P	13 20.79	-0.9		19.517 S ±10.1km 173.619 W ±18.6km		
GMB	5.04	195	P	12 47.02	0.3	VLI	7.55 145	ePb	13 21.50	-0.4		DEPTH = 33.0km (normol)		
SOI	5.10	193	P	12 47.30	-0.1	DOI	7.61 285	P	13 22.60	-0.3		5.3mb (16 obs.)		
			eSn	13 42.50		BHB	7.65 287	P	13 20.93	-2.4		TONGA ISLANDS (173)		
			eSn	13 42.50		PZZ	7.71 284	P	13 22.06	-2.3				
DRA	5.11	69	eP	12 42.00	-5.6X	RSP	7.71 289	P	13 20.70	-3.6X	DZM	18.81 259	iPc	52 27.00 1.7
MME	5.11	285	P	12 50.70	2.8X	CLI	7.75 60	eP	13 27.00	2.2	URZ	20.34 201	P	52 42.30 0.3
ATN	5.13	199	P	12 46.20	-1.8	LSD	7.85 291	P	13 23.99	-2.4	MNG	23.01 202	P	53 08.30 -0.6
			eSn	13 43.00		KSP	7.85 354	eP	13 27.00	0.9	QRZ	24.32 206	eP	53 27.60 6.0X
PSZ	5.14	18	iPn	12 46.90	-1.3			e	13 32.80		THZ	24.96 204	eP	53 32.60 4.8X
BDI	5.16	284	P	12 49.20	0.8			eS	14 36.60		DSZ	25.39 206	P	53 37.10 5.3X
			eSn	13 48.30				eS	14 46.40		LMZ	28.07 207	P	53 57.50 1.2
ZST	5.16	357	iPn	12 47.90	-0.4	GRF	7.96 329	eP	13 26.90	-0.8	ARMA	33.20 244	eP	54 42.50 0.5
			i	12 54.50				e(Sg)	15 03.00			0.8s 15.00nm		4.9mb
			i(Sn)	13 44.30		FRF	7.98 277	Pn	13 27.80	-0.2	RMO	35.23 252	eP	55 00.00 0.6
			i	13 50.40				Sn	14 56.20		CNB	36.19 236	iPc	55 08.20 0.6
			Lg	13 55.00		RRL	7.99 287	P	13 26.19	-2.2		0.8s 88.00nm		5.7mb
PII	5.17	280	P	12 49.50	1.0	LMR	8.08 276	Pn	13 29.20	-0.2	CAN	36.48 237	eP	55 10.50 0.6
			eSn	13 47.10				Sn	14 59.30		BWA	36.71 238	eP	55 09.90 -2.0
CTI	5.18	307	P	12 49.00	0.2	BNI	8.09 288	P	13 27.90	-1.8	PMG	39.20 279	eP	55 34.00 1.1
			eSn	13 47.50				eSn	14 55.00			1.0s 26.00nm		4.9mb
VKA	5.29	351	iPnd	12 51.90	1.7	LPG	8.14 291	Pn	13 28.80	-1.7	TOO	39.81 234	iPd	55 38.00 1.1
			iSn	13 51.70				Sn	14 58.40			0.7s 43.00nm		5.3mb
			i	13 53.40		LPL	8.15 291	Pn	13 29.20	-1.4	STK	41.92 244	iPd	55 55.60 0.5
PLD	5.36	98	eP	12 52.00	0.9			Sn	14 57.80		ASPA	48.75 255	iPd	56 49.40 -0.4
VLS	5.38	154	ePn	12 49.50	-2.0	LRG	8.19 277	Pn	13 31.10	0.2		1.1s 77.10nm		5.6mb
AGG	5.40	136	ePn	12 50.60	-1.2			Sn	15 01.10		WB2	48.81 260	iPc	56 49.30 -0.9
			eSn	13 56.00		BRG	8.21 344	e(P)	13 33.00	1.8		0.6s 33.70nm		5.5mb
RZN	5.47	102	iP	12 53.00	0.0			e	14 46.00		WRA	48.82 260	P	56 49.30 -1.0
OUR	5.52	117	ePn	12 52.92	-0.5			e	15 30.00			0.7s 15.40nm		5.1mb
PAIG	5.55	122	iPn	12 53.08	-0.8	FEL	8.27 309	ePn	13 31.52	-0.6	MTN	53.29 268	eP	57 22.00 -2.2
SAL	5.66	299	P	12 57.30	1.9	MOX	8.62 334	iP	13 37.30	0.4		0.6s 42.00nm		5.6mb
			eSn	14 00.00			1.3s 60.00nm			5.7mb X	FORT	53.46 246	iPd	57 25.00 -0.2
PVL	5.69	86	iP	12 54.00	-1.8			i	13 41.60		WARB	55.05 251	eP	57 36.00 -1.0
GIB	5.72	209	P	12 56.10	-0.3			i	15 18.40		COOL	59.38 245	eP	58 06.50 -1.2
BHG	5.72	326	iPc	12 57.30	1.0	CLL	8.83 341	e(Pn)	13 45.00	5.3X	MEEK	62.13 250	eP	58 22.00 -4.4X
CMP	5.82	65	ePd	13 05.00	7.3X			e	15 44.00		KLB	62.19 244	eP	58 26.00 -0.7
WTTA	5.94	317	iPnc	13 00.40	0.9	BSF	8.95 306	Pn	13 39.40	-2.2		0.7s 42.00nm		5.7mb
			i	13 08.80				Sn	15 14.80		RKG	62.50 241	eP	58 29.00 0.3
			i	14 11.90		CDF	8.97 310	Pn	13 39.80	-2.0	BAL	63.21 245	eP	58 32.50 -1.0
			i	14 19.20				Sn	15 14.80		MUN	63.45 243	eP	58 35.20 0.1
KDZ	5.99	101	eP	12 58.00	-2.0	HAU	9.30 306	Pn	13 43.30	-3.0X	MRWA	64.02 246	eP	58 38.30 -0.5
OGA	6.01	312	eP	13 01.00	0.5			Sn	15 24.10			0.5s 11.00nm		5.2mb
WATA	6.02	317	iPnc	13 01.70	1.1	ABH	9.71 318	ePn	13 50.77	-1.2	NANU	65.63 253	iPd	58 49.60 0.4
SQTA	6.13	315	iPnd	13 03.50	1.4	WLF	10.29 314	P	14 18.00	18.2X		0.5s 16.00nm		5.4mb
MDI	6.25	299	P	13 02.80	-0.9	SMF	10.39 295	Pn	13 59.30	-1.9	MAT	71.96 321	eP	59 26.00 -2.2
			eSn	14 12.50				Sn	15 51.80			0.9s 7.56nm		4.7mb
MEU	6.27	200	P	13 02.60	-1.5	LBF	10.39 297	Pn	13 59.20	-2.2	TRT	72.19 268	ePc	59 12.50 -17.5X
			eSn	14 14.30				Sn	15 51.70		CN2	84.10 320	eP	00 34.20 -0.5
VRAC	6.30	354	ePn	13 04.90	0.5	LOR	10.56 298	Pn	14 01.90	-1.7		1.0s 20.00nm		5.2mb

04d 20h

epP 00 47.20 44kmX
 TIA 85.71 311 eP 00 43.50 0.6
 BJI 88.14 314 eP 00 55.00 0.4
 1.3s 20.00nm 5.3mb
 TIY 89.74 310 Pd 01 03.30 0.9
 GYA 89.78 298 P 01 04.00 1.1
 1.2s 14.00nm 5.1mb
 HHC 91.66 313 Pc 01 12.00 0.8
 1.0s 5.70nm 4.9mb
 CHG 93.81 288 eP 01 23.00 1.6
 KSP 147.77 348 ePKP 08 01.30 15.6X
 CLL 147.85 352 e(PKP)07 35.00 -10.8X
 BRG 148.14 351 e(PKP)07 58.40 12.1X
 KHC 149.89 351 ePKP 07 56.50 7.3X
 08 11.40
 ZST 150.10 346 ePKP 08 03.30 13.9X
 GEC2 150.15 350 PKP 07 51.70 2.1X
 1.0s 0.92nm

S.D. = 1.1 on 33 of 44 obs.

% DEC 04, 1992 20h 00m 54.18±0.82s
 44.503 N ± 4.9km 7.010 E ± 16.3km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.9 (LDG).

SBF 0.71 154 Pg 01 08.10 -0.1
 Sg 01 17.10
 FRF 0.98 196 Pn 01 12.60 -0.1
 Pg 01 13.40
 Sg 01 25.90
 LPG 1.01 350 Pg 01 13.40 -0.1
 Sg 01 13.40
 Sg 01 36.40
 LPL 1.03 349 Pg 01 14.00 0.2
 Sg 01 27.60
 LRG 1.15 204 Pn 01 14.90 -0.7
 Pg 01 16.80
 Sg 01 31.40
 LMR 1.22 197 Pg 01 17.90 1.0
 Sg 01 33.60

S.D. = 0.7 on 6 of 6 obs.

DEC 04, 1992 20h 38m 43.37±0.78s
 1.051 N ± 3.2km 126.027 E ± 4.5km
 DEPTH = 54.6 ± 7.6 km
 5.3mb (51 obs.) 4.8MsZ (21 obs.)

NORTHERN MOLUCCA SEA (266)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 48C
 Centroid Location:
 Origin Time 20:38:46.2 0.4
 Lat 1.09N 0.06 Lon 125.75E 0.07
 Dep 19.2 3.0 Half-duration 1.5
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-1.03 0.07 Mtt=-0.11 0.06
 Mff=-0.92 0.09 Mrt=0.50 0.16
 Mrf=-1.08 0.23 Mtf=-0.42 0.06
 Principal Axes:
 T Vol= 1.73 Plg=59 Azm= 51
 N -0.30 21 181
 P -1.43 22 279
 Best Double Couple: Mo=1.6*10¹⁷
 NP1:Strike= 43 Dip=30 Slip= 136
 NP2: 173 70 68

MNI 1.25 288 iPd 39 05.00 0.2
 AAI 5.18 155 eP 40 01.00 0.7
 eS 40 07.50
 DAV 6.01 356 eP 40 13.90 2.0
 BIP 7.13 2 ePc 40 35.00 7.5X
 eS 41 49.00
 CGP 7.47 350 ePc 40 31.00 -1.3
 eS 41 07.00
 TSM 8.76 292 iPd 40 50.00 -0.1
 MKS 9.04 226 iPd 40 55.50 1.6
 PLP 10.10 354 ePc 41 07.70 -0.8
 KKM 10.98 297 ePc 41 24.60 4.1X
 0.8s 70.90nm 5.8mb
 MTN 14.71 160 eP 42 07.30 -2.5
 0.4s 58.00nm 5.3mb
 TRT 15.94 237 ePd 42 09.20 -16.4X
 1.1s 152.70nm
 BAG 16.18 341 eP 42 31.00 2.1
 KNA 16.91 171 eP 42 36.50 -1.4
 1.0s 238.00nm 5.3mb
 PIP 17.97 343 iPc 42 51.00 0.0

WWKK 18.19 105 eP 42 53.80 0.0
 MDG 20.70 108 eP 43 21.00 -0.5
 KLI 21.95 254 eP 43 34.90 0.8
 e 43 46.00
 WB2 22.41 159 iPd 43 37.30 -1.3
 0.6s 142.60nm 5.6mb
 GUA 22.44 56 eP 43 39.70 0.7
 1.3s 600.00nm 5.9mb
 KGM 22.72 273 eP 43 44.00 2.3
 PMG 23.47 117 eP 43 47.50 -1.5
 1.1s 101.27nm 5.2mb
 QIZ 23.89 319 P 43 54.00 0.9
 N 16s 2.70um
 KLM 24.45 275 eP 44 01.00 2.4
 QZH 24.82 344 eP 44 04.00 2.1
 Z 22s 1.94um 4.6MsZ
 S 48 21.00
 GZH 25.13 332 Pc 44 04.80 -0.1
 Z 18s 2.42um 4.8MsZ
 IPM 25.21 278 ePc 44 06.30 0.5
 1.2s 199.70nm 5.5mb
 QIS 25.26 149 eP 44 06.00 -0.2
 NANU 25.60 203 eP 44 10.00 0.6
 0.5s 22.00nm 4.9mb
 PPI 25.67 267 eP 44 11.50 1.4
 ASPA 25.73 163 iPd 44 09.90 -0.7
 0.9s 197.00nm 5.6mb
 iS 48 38.80
 WARB 27.08 179 eP 44 23.50 0.6
 MEEK 28.44 194 eP 44 30.00 -5.2X
 CTA 28.89 138 iPc 44 39.50 0.2
 LOE 28.90 306 eP 44 39.00 -0.5
 NST 29.39 301 eP 44 49.50 5.6X
 SSE 30.23 352 P 44 51.00 -0.1
 Z 20s 2.30um 4.8MsZ
 N 20s 1.80um
 S 49 44.00
 BDT 31.07 303 eP 44 58.50 -0.2
 1.0s 34.50nm 5.0mb
 WHN 31.36 340 eP 45 02.00 0.9
 Z 20s 1.88um 4.8MsZ
 N 14s 1.06um
 GYA 31.39 325 iPd 45 00.60 -1.0
 1.0s 12.00nm 4.6mb
 Z 18s 1.98um 4.8MsZ
 N 17s 2.06um
 E 17s 0.72um
 PP 46 06.00
 NJ2 31.57 348 Pd 45 03.00 0.1
 MRWA 31.59 197 eP 45 02.30 -0.9
 0.5s 8.00nm 4.8mb
 FORT 31.71 177 eP 45 03.00 -1.2
 CHG 31.89 305 eP 45 05.00 -1.0
 1.2s 23.83nm 4.9mb
 COOL 32.10 188 eP 45 07.00 -0.6
 QLP 32.61 149 eP 45 11.10 -0.9
 0.3s 17.00nm 5.4mb
 BAL 32.71 195 eP 45 12.00 -0.9
 KMI 32.84 319 Pc 45 14.50 0.1
 2.0s 70.00nm 5.1mb
 N 13s 0.70um
 E 13s 0.40um
 pP 45 27.50 50kmX
 KLB 33.40 193 eP 45 18.70 -0.2
 0.7s 49.00nm 5.5mb
 TKSJ 33.61 12 eP 45 20.10 -0.6
 MUN 34.14 195 eP 45 25.50 0.2
 WKYJ 34.19 14 P 45 25.40 -0.4
 YONJ 34.66 11 P 45 29.10 -0.7
 RMO 35.07 143 eP 45 33.00 -0.4
 HNR 35.35 108 eP 45 35.00 -0.8
 STK 35.92 157 eP 45 40.30 -0.2
 TIA 35.95 348 eP 45 43.10 2.5
 Z 25s 1.32um 4.6MsZ
 eS 51 12.00
 RKG 36.43 193 eP 45 47.00 2.3
 CD2 36.43 327 eP 45 43.40 -1.4
 Z 20s 2.34um 5.0MsZ
 N 15s 1.19um
 eS 51 19.80
 XAN 36.52 336 P 45 43.50 -2.0
 1.3s 26.00nm 5.0mb
 Z 22s 1.21um 4.6MsZ
 E 14s 0.69um
 pP 45 53.00 32kmX
 sP 45 58.70
 CHJJ 36.84 18 P 45 47.20 -1.0

MTMJ 37.00 16 P 45 52.00 2.4
 MAT 37.07 16 eP 45 49.00 -1.1
 2.0s 311.76nm 5.9mb
 Z 20s 1.06um 4.6MsZ
 eS 51 30.00
 ADE 37.75 163 e(P) 45 56.80 1.0
 DL2 37.89 354 eP 45 57.50 0.6
 1.0s 33.00nm 5.2mb
 Z 20s 0.92um 4.6MsZ
 S 51 47.00
 NIJJ 37.95 17 P 45 59.00 1.6
 BRS 38.23 140 iPd 45 59.00 -1.0
 TIY 38.57 343 eP 46 02.50 -0.3
 Z 22s 2.07um 4.9MsZ
 N 15s 0.46um
 E 16s 0.65um
 YAMJ 39.12 18 eP 46 07.90 0.6
 ARMA 39.67 144 iPc 46 13.40 1.3
 1.0s 36.00nm 5.2mb
 BJI 39.83 348 eP 46 12.00 -1.1
 1.4s 48.00nm 5.2mb
 Z 20s 0.90um 4.6MsZ
 ePcP 48 21.00
 eS 52 08.00
 OFUJ 40.46 19 eP 46 18.60 0.3
 LZH 40.48 332 Pd 46 18.20 -0.5
 1.8s 110.00nm 5.4mb
 Z 21s 1.97um 4.9MsZ
 N 16s 1.13um
 pP 46 29.50 40kmX
 sP 46 33.50
 ePP 47 56.50
 PcP 48 23.00
 SNY 40.65 357 iPc 46 20.00 0.2
 1.2s 160.00nm 5.7mb
 Z 20s 1.52um 4.9MsZ
 pP 46 27.40 25kmX
 S 52 25.00
 SHL 40.96 309 iPd 46 22.00 -0.8
 eS 52 28.00
 BFD 41.00 160 eP 46 21.50 -1.2
 0.8s 29.00nm 5.1mb
 BWA 41.07 151 eP 46 25.70 2.3
 iP 46 29.60 13kmX
 HHC 41.73 343 P 46 28.40 -0.4
 1.2s 20.00nm 4.7mb
 Z 22s 1.55um 4.8MsZ
 N 12s 0.38um
 eS 52 41.00
 BTO 41.96 342 eP 46 30.00 -0.7
 N 13s 0.26um
 E 13s 0.32um
 CAN 42.07 152 eP 46 32.90 1.3
 iP 46 36.90 13kmX
 TOO 42.44 157 eP 46 36.20 1.6
 0.7s 26.00nm 5.1mb
 e 48 21.30
 CN2 42.57 359 P 46 36.00 0.5
 1.6s 73.00nm 5.2mb
 Z 24s 1.03um 4.6MsZ
 N 14s 0.28um
 E 14s 0.34um
 eP 46 46.00 34kmX
 MRRJ 43.35 16 eP 46 41.50 -0.3
 LSA 43.73 314 iPd 46 46.00 0.3
 1.4s 26.00nm 4.8mb
 S 53 16.00
 HOOJ 43.97 18 eP 46 48.50 1.6
 GTA 45.05 331 eP 46 54.40 -1.4
 KUSJ 45.08 19 eP 46 55.90 0.1
 ASAJ 45.36 17 eP 46 58.60 0.6
 BKM 45.53 116 iPc 46 57.00 -2.8
 DZM 45.63 123 iPc 47 00.50 -0.1
 GUN 46.78 308 P 47 08.76 -1.2
 PKI 46.99 308 P 47 09.90 -1.7
 KKN 47.19 308 P 47 11.56 -1.5
 DMN 47.25 308 P 47 12.24 -1.3
 GKN 47.80 308 P 47 16.28 -1.4
 YSS 48.04 15 ePc 47 18.00 -1.1
 1.2s 40.00nm 5.3mb
 Z 23s 0.70um 4.6MsZ
 N 23s 0.70um
 HYB 49.41 292 eP 47 28.70 -1.4
 1.0s 85.00nm 5.7mb
 GBA 49.66 287 P 47 29.90 -2.1
 CIT 51.83 350 eP 47 49.00 0.9
 ZAK 52.82 342 eP 47 56.30 0.9

	2.0s	22.00nm	4.8mb		1.0s	0.90nm	3.9mb X	CAW	2.70	74 P	46 28.90	0.2
	Z 18s	0.52um	4.6Msz		TOA	88.04 28 eP	51 31.70 2.8	MTW	3.00	77 P	46 32.00	-1.0
	E 20s	0.54um			MOS	88.24 326 e	51 26.00 -3.8X	MNG	3.17	67 P	46 35.20	-0.3
		e	49 06.00			e	51 46.00	ODZ	3.21	193 P	46 36.00	0.0
		eS	55 18.00		OBN	88.82 325 iPd	51 33.00 0.4			eS	47 11.40	
POO	54.02	292 iPc	47 58.50 -6.3X			1.0s 35.00nm	5.6mb	MOZ	4.18	36 P	46 49.70	0.0
IRK	54.19	344 (P)	48 04.30 -1.1		Z	22s 0.90um	5.1Msz	WCZ	6.32	20 eP	47 20.40	0.3
	2.0s	33.00nm	5.0mb			e	02 18.00		S.D. = 0.6 on 13 of 13 obs.			
	Z 16s	0.30um	4.5MszX		KVT	89.30 311 iP	51 37.00 1.7		? DEC 04, 1992 23h 15m 38.75±0.93s			
	N 16s	0.29um			HRI	89.67 303 eP	51 37.40 0.1		0.333 N ±21.6km 125.341 E ±38.4km			
		e	48 19.00		ARVI	90.20 300 eP	51 39.80 0.2		DEPTH = 33.0km (normol)			
		e	49 07.00		SAGI	90.66 300 iPd	51 41.70 -0.2		4.7mb (2 obs.)			
WMO	54.53	327 P	48 07.00 -1.2		CSS	91.62 305 eP	51 47.00 0.9		NORTHERN MOLUCCA SEA (266)			
	1.0s	21.00nm	5.1mb		KAF	93.63 332 eP	51 54.10 -0.7					
	Z 22s	1.38um	5.0Msz		MNK	94.15 324 eP	51 55.00 -2.3					
		PcP	49 11.20		NUR	94.69 331 eP	52 03.30 3.7X		MNI	1.21	336 iPd	15 59.50 0.1
		ScP	53 06.80		UZH	98.27 319 eP	52 17.00 0.9				eS	16 14.00
		PcS	53 10.50			i	52 32.00		WB2	22.00	157 iPd	20 31.80 -0.2
		eS	55 42.70		OJC	99.53 321 eP	52 26.00 4.1X			0.5s	20.50nm	4.8mb
		ScS	57 52.00		HFS	100.04 332 ePd iff52	23.60 -0.3		ASPA	25.26	161 iPd	21 04.30 0.6
		SS	59 21.20			0.5s 0.70nm	4.5mb			0.5s	7.90nm	4.6mb
MDY	54.68	341 eP	48 09.00 0.0		RES	100.56 10 ePd iff52	28.50 2.6X		STK	35.54	156 iPc	22 34.60 -0.3
BOD	57.41	353 iPc	48 28.10 -0.4		NAO	101.11 333 Pd iff 52	31.60 2.9X		GUN	46.69	309 P	24 03.80 -3.1X
KSH	59.43	316 P	48 43.50 0.4			0.8s 2.60nm	4.9mb		HYB	49.05	293 eP	24 25.00 -0.1
	1.0s	20.00nm	5.2mb		YKA	102.21 24 ePd iff52	35.00 1.5		S.D. = 0.5 on 5 of 6 obs.			
	Z 24s	1.60um	5.1MszX			1.2s 2.80nm	4.8mb		% DEC 04, 1992 23h 53m 00.28±0.85s			
		eS	56 44.00		BRG	102.95 323 e(Pd iff52	47.60 10.5X		40.432 N ± 7.0km 23.834 E ±11.7km			
UKR	60.70	331 eP	48 50.00 -1.3		GEC2	103.72 321 Pd iff 52	40.80 0.0		DEPTH = 10.0km (geophysicist)			
	1.3s	36.00nm	5.3mb			1.2s 1.26nm	4.6mb		GREECE (364)			
		eS	57 02.00		KIC	130.31 279 PKP	57 52.20 1.8		OUR	0.15	131 iPg	53 03.48 -0.2
YAK	60.88	2 iP	48 51.50 -0.8		TIC	130.55 280 PKP	57 53.00 2.2X				eSg	53 06.00
	1.2s	181.00nm	6.1mb		LIC	130.61 279 PKP	57 53.00 2.1X		PAIG	0.52	193 ePg	53 10.96 0.2
	Z 18s	0.60um	4.8Msz		MDZ	145.38 158 i(PKP)	58 20.30 2.8X		SOH	0.53	317 iPg	53 10.72 -0.4
	N 18s	0.40um			RTCB	146.64 157 ePKPd	58 23.20 3.6X				eSg	53 19.00
		i	49 36.00		CFA	146.75 157 e(PKP)	58 22.30 2.6X		SRS	0.71	345 ePg	53 14.68 0.4
		e	51 09.00		RTLL	146.91 157 ePKPc	58 23.00 3.0X				eSg	53 25.24
		eS	57 07.00		TCA	148.24 163 ePKP	58 24.00 1.8		KNT	1.02	316 ePg	53 19.52 0.0
		ePS	57 26.00		RTPR	148.56 159 e(PKP)	58 28.00 5.4X				eSg	53 33.84
		esS	57 43.00		NNA	154.85 117 ePKP	58 44.20 12.0X		S.D. = 0.4 on 5 of 5 obs.			
ELT	61.55	334 eP	48 55.20 -1.8			1.0s 13.00nm			% DEC 04, 1992 23h 58m 07.43±0.22s			
	1.5s	30.00nm	5.2mb		YJA	156.20 153 ePKPd	58 37.50 3.1X		21.420 S ± 4.2km 68.468 W ± 7.4km			
		eS	57 12.00		CNCB	159.13 139 PKP	58 42.20 4.1X		DEPTH = 117.8km (48 depth phases)			
FRU	61.89	319 eP	49 03.00 3.3X		LPB	159.26 139 (PKP)	58 46.00 8.0X		5.0mb (28 obs.)			
		e	49 15.00		ZOBO	159.41 138 PKP	58 42.10 3.6X		CHILE-BOLIVIA BORDER REGION (124)			
QUE	63.00	304 eP	49 07.50 0.1			LR	56 44.00		ANT	2.90	218 iP	58 52.30 -0.7
CSY	68.10	187 iPc	49 41.20 2.0		SIV	163.59 155 PKP	58 50.00 8.0X				iS	59 20.50
	0.6s	43.80nm	5.6mb			i	59 40.80		HJA	3.35	123 iPc	59 03.20 4.2X
BRVK	69.25	328 iPd	49 45.00 -1.6		S.D. = 1.3 on 136 of 163 obs.						S	59 20.00
	1.0s	40.00nm	5.3mb		% DEC 04, 1992 20h 54m 22.08±0.96s				SLA	4.28	141 iPd	59 15.90 4.1X
	Z 22s	0.49um	4.7Msz		44.345 N ± 4.6km 7.263 E ±14.2km						S	00 03.80
	N 20s	0.14um			DEPTH = 10.0km (geophysicist)				CCH	4.58	29 P	59 16.50 0.5
	E 20s	0.42um			NORTHERN ITALY (545)				CNCB	4.61	6 iPc	59 17.50 0.8
		e	49 50.00		ML 2.8 (LDG).				LPB	4.87	4 iPc	59 21.00 0.8
TIK	70.50	1 iPd	49 54.00 0.2		SBF	0.50 165 Pg	54 32.20 0.0		ZOBO	5.11	4 iPc	59 23.80 0.1
	1.2s	74.00nm	5.5mb			Sg	54 50.20		ARE	5.70	329 eP	59 28.00 -3.4X
	Z 20s	0.60um	4.8Msz		FRF	0.90 210 Pg	54 39.10 -0.3				iS	00 41.00
		i	50 10.00			Sg	54 57.10		CYA	7.40	161 e(P)	59 55.00 0.7
		e	52 32.00		LRG	1.10 217 Pg	54 42.80 0.0		RTPR	9.02	169 e(P)d	00 15.00 -1.1
		e	59 02.00			Sg	54 43.80 0.2		RTLL	9.87	180 ePd	00 19.60 -8.0X
MAIO	70.59	308 eP	49 54.00 -1.2		LMR	1.15 209 Pg	54 44.80 0.0		RTCB	10.03	182 ePc	00 27.70 -2.1
	0.8s	9.88nm	4.8mb			Sg	55 00.10		ZON	10.09	181 e(P)	00 33.00 2.5
		eSn	59 04.00		LPG	1.21 343 Pg	54 44.80 0.0		CFA	10.15	179 ePd	00 29.00 -2.3
ASH	71.86	310 eP	50 00.00 -2.7			Sg	55 00.10		RTCV	10.40	180 ePc	00 32.20 -2.4
NRI	72.77	347 ePd	50 07.00 -0.5		LPL	1.23 342 Pg	54 45.10 0.0		TCA	10.47	161 eP	00 34.00 -1.6
	1.5s	65.00nm	5.3mb			Sg	55 00.10		MDZ	11.42	182 i(P)	00 53.20 5.0X
	Z 20s	2.80um	5.5Msz		S.D. = 0.2 on 6 of 6 obs.				NNA	12.34	318 eP	01 00.50 0.2
	E 20s	1.50um			% DEC 04, 1992 21h 45m 46.57±0.88s						eS	03 15.00
		e	50 24.00		41.913 S ± 5.6km 171.639 E ± 9.5km						e(P)	01 10.60 -2.2
		eS	59 28.00		DEPTH = 31.4 ± 4.8 km				VAO	19.97	99 iPc	02 31.30 -1.4
SHI	75.16	300 eP	50 20.00 -2.3		SOUTH ISLAND, NEW ZEALAND (162)						e	03 01.20
ARU	76.79	328 eP	50 30.50 -0.2		ML 4.4 (WEL).						e	02 34.20 -1.4
	1.6s	120.00nm	5.6mb		DSZ	0.21 36 iPd	45 53.10 0.0		BAO	20.24	77 Pd	02 31.20 -1.4
GRO	82.25	313 eP	51 00.00 -0.3			S	45 56.90				e	02 35.20 4kmX
	1.5s	160.00nm	5.8mb		THZ	0.96 81 Pd	46 03.60 -0.3				e	02 38.90
DHJN	82.57	288 eP	51 04.00 1.2			S	46 15.00				e	02 51.00
ARO	83.11	281 ePd	51 06.00 0.6		LTZ	0.99 152 iPd	46 04.90 0.6				e	03 03.00
KMTA	83.18	288 eP	51 07.47 1.6			S	46 16.10				e	03 18.30
SVW	83.46	29 eP	51 05.90 -0.4		KHZ	1.50 110 P	46 12.40 0.8				e	03 32.50
	0.9s	73.70nm	5.7mb			S	46 31.20				e	03 36.20
TTA	83.59	27 ePd	51 10.10 3.1X		MOZ	1.94 158 P	46 17.60 -0.4				e	04 06.70
	1.1s	102.20nm	5.8mb			S	46 38.90				e	04 12.20
PYA	84.21	314 iP	51 11.00 0.6		MRW	2.40 75 P	46 25.40 0.9				e	07 55.30
		e	54 30.00		KIW	2.68 68 eP	46 28.30 -0.1				e	08 02.80
		e	51 16.80 2.2									
IMA	85.10	24 eP	51 23.00 0.8									
SOC	86.60	313 eP	51 23.00 0.8									
PMR	86.62	28 eP	51 23.00 1.1									
FBA	87.43	25 e(P)	51 27.50 1.7									

5d 00h

		e	08 19.00	ISA	73.92 320 iPd	09 32.43 0.9		e	18 12.30
		e	08 33.10		0.8s 21.93nm	5.0mb	IRK	148.70 9 ePKPd	17 39.00 1.0
		e	08 49.50		epP	10 01.65 115km		e	17 42.00
HBF	55.23 348	ePd	07 29.00 -1.3	BW06	74.25 330 eP	09 32.63 -0.9		e	18 15.30
		epP	07 57.62 120km		1.4s 21.31nm	4.7mb		e	18 29.50
JSC	56.71 347	eP	07 39.19 -1.8	BCH	74.59 318 ePd	09 36.06 0.6	WMQ	150.16 36 PKP	17 42.00 1.4
		epP	08 07.82 119km		epP	10 05.48 116km	MAT	152.34 309 ePKP	17 51.00 7.0X
PRM	56.76 346	ePd	07 39.47 -1.8	TNP	74.82 322 ePd	09 37.30 0.5		1.0s 24.00nm	
		epP	08 07.90 118km		0.9s 14.70nm	4.8mb	GKN	154.74 70 PKP	17 47.44 -0.3
LHS	56.81 348	eP	07 39.86 -1.8		ipP	10 06.72 116km	KKN	155.33 70 PKP	17 49.18 0.6
		epP	08 08.72 120km	HVU	75.07 327 eP	09 37.90 -0.2	PKI	155.48 70 PKP	17 48.86 -0.1
TKL	58.59 345	ePd	07 51.20 -2.9		epP	10 07.95 119km	GUN	155.84 69 PKP	17 49.82 0.3
		epP	08 20.03 119km		esP	10 21.43	GTA	159.45 27 PKP	17 55.00 1.9
BLA	59.39 349	eP	07 58.08 -1.6	ULM	75.36 342 ePd	09 41.00 1.6		sPKP	18 32.00
	0.6s 13.18nm	5.2mb		MEMM	75.54 321 eP	09 42.09 1.5	HHC	160.63 360 PKP	17 56.80 2.5X
		epP	08 27.99 124km		epP	10 11.69 117km		pPKP	18 29.60
NAV	59.56 349	ePd	07 59.30 -1.5	MMPM	75.56 321 eP	09 41.80 0.6	BJI	161.02 349 ePKP	17 56.00 1.5
		epP	08 28.81 122km		epP	10 11.48 117km		pPKP	18 28.50
CVL	59.83 351	eP	08 01.30 -1.2	HHA I	75.99 329 eP	09 43.60 0.3	TIY	163.74 357 ePKP	17 59.30 1.8
		epP	08 30.40 120km		epP	10 13.61 118km	LZH	163.92 23 ePKP	18 00.00 2.2X
MIAR	60.56 336	iPd	08 05.61 -2.0		esP	10 26.13		pPKP	18 32.00
	0.5s 9.54nm	5.1mb		CMB	76.64 320 eP	09 47.14 0.2	XAN	167.22 10 PKP	18 01.80 1.4
		epP	08 34.48 119km		1.0s 8.64nm	4.5mb	CHG	167.89 100 ePKP	18 01.80 0.5
		esP	08 47.45		epP	10 17.04 118km		1.6s 36.67nm	
UYO	60.56 335	iPd	08 06.00 -1.6	CER	76.75 121 eP	09 48.50 0.8	CD2	168.26 35 PKP	18 03.60 2.4X
OLY	60.67 339	ePc	08 05.87 -2.4		0.9s 24.62nm	5.0mb		S.D. = 1.3 on 107 of 118 obs.	
		epP	08 34.53 118km	ARN	76.89 319 ePd	09 49.38 1.1		% DEC 05, 1992 00h 48m 48.80 ± 3.52s	
ELC	61.58 341	iPd	08 12.00 -2.4		epP	10 19.21 117km		47.345 N ± 14.4km 1.243 W ± 37.9km	
		epP	08 40.89 118km	COE	76.91 319 eP	09 49.68 1.3		DEPTH = 10.0km (geophysicist)	
FVM	62.59 341	ePd	08 18.95 -2.2		epP	10 19.72 118km	FRANCE	ML 2.3 (LDG).	(538)
	1.0s 118.24nm	5.8mb		LRM	77.92 330 eP	09 54.40 0.4			
		epP	08 48.18 120km		e	10 24.70 119km			
		esP	09 01.42	ORV	78.29 321 iPd	09 56.66 0.8	LPF	0.70 11 Pg	49 03.40 0.8
LNO	62.61 335	ePd	08 19.30 -1.9		epP	10 26.66 118km		Sg	49 13.80
TUL	62.61 335	ePd	08 19.30 -2.0	WDC	79.56 321 ePd	10 01.83 -0.9	MFF	1.06 134 Pg	49 03.80 -4.9X
	0.8s 22.40nm	5.2mb			0.6s 15.67nm	5.0mb		Sg	49 14.40
RSNY	65.88 355	ePc	08 40.73 -1.6		epP	10 31.58 116km	GRR	1.08 14 Pg	49 09.40 0.4
	0.7s 12.85nm	5.0mb		LBFM	79.68 322 iPd	10 33.99 0.3		Sg	49 25.10
		epP	09 10.37 120km		epP	10 33.57 115km	LDF	1.46 31 Pg	49 14.90 -0.3
ALQ	66.65 327	eP	08 46.81 -0.9	LGPM	79.94 321 iPd	10 05.06 0.1		Sg	49 34.00
	0.9s 10.04nm	4.7mb			epP	10 35.01 117km	FLN	1.51 20 Pn	49 14.60 -1.2
		epP	09 16.71 121km	KMPM	80.39 320 ePd	10 08.53 1.3		Sg	49 36.80
		esP	09 28.67		epP	10 37.64 113km	LSF	2.20 119 Pg	49 24.50 -1.4
NVL	66.76 159	iPc	08 48.80 1.1	SES	80.78 334 eP	10 08.00 -1.0		Sg	49 48.70
	1.2s 84.00nm	5.5mb			1.1s 98.00nm	5.5mb	TCF	2.60 113 Pg	49 31.20 -0.4
		e	09 17.00 113km	VGB	81.81 326 eP	10 15.72 1.2		Sg	50 00.90
		e	09 33.00		epP	10 45.64 116km	RJF	2.80 136 Pg	49 34.90 0.5
TUC	67.03 322	eP	08 49.66 -0.3	NEW	81.88 330 ePc	10 14.42 -0.4		Sg	50 08.10
	1.3s 27.11nm	5.0mb			1.3s 32.85nm	5.0mb	MAF	2.85 112 Pg	49 35.70 0.6
LMN	67.03 3	eP	08 50.50 0.9		epP	10 43.82 114km		Sg	50 08.90
		pP	09 19.00 115km	DPW	82.12 329 ePd	10 16.68 0.6	BGF	2.91 104 Pg	49 37.00 1.0
LIC	67.97 74 P	08 55.00 -1.1			epP	10 46.80 117km		Sg	50 10.80
TIC	68.16 73 P	08 56.30 -1.0		GRM	82.54 123 iPd	10 19.50 0.8	CAF	3.34 135 Pg	49 45.90 3.8X
KIC	68.29 74 P	08 57.20 -0.9			1.0s 50.00nm	5.3mb		Sg	50 25.60
EEO	68.41 352 eP	08 59.50 1.2		FCC	82.65 347 ePd	10 21.00 2.6		S.D. = 1.0 on 9 of 11 obs.	
SPA	68.72 180 iPd	09 02.20 2.0		BLF	83.71 119 iPd	10 25.60 0.7		* DEC 05, 1992 00h 51m 01.70 ± 0.55s	
	0.9s 86.36nm	5.6mb			0.5s 16.22nm	5.2mb		56.255 S ± 10.0km 25.416 W ± 13.9km	
GLD	69.86 331 eP	09 07.61 0.1			i	10 57.50 124km		DEPTH = 33.0km (normal)	
	1.2s 5.14nm	4.2mb		MAW	84.29 163 eP	10 29.00 2.2		SOUTH SANDWICH ISLANDS REGION	(153)
		epP	09 36.63 116km		0.7s 22.20nm	5.2mb	NVL	21.55 147 eP	55 50.00 0.4
GOL	69.89 330 ePc	09 07.09 -0.7		PRY	85.56 117 iPd	10 35.00 0.8	SPA	33.93 180 iPc	57 43.10 -0.4
	1.9s 41.37nm	4.9mb			1.0s 16.00nm	4.9mb		0.4s 55.92nm	5.8mb
		epP	09 36.33 117km	BCAO	88.81 85 iPc	10 50.40 0.5	SIV	48.45 311 eP	59 55.00 12.2X
		esP	09 49.54		1.0s 10.00nm	4.9mb	CNCB	50.79 303 P	00 02.00 0.7
GLA	69.94 320 eP	09 08.14 0.2		BUL	89.06 111 iPc	10 52.10 1.0	LPB	51.08 303 eP	00 11.00 7.6X
PV08	70.58 328 eP	09 13.16 1.1			ipP	11 23.80 122km	ZOBO	51.31 303 P	00 05.00 -0.4
PV09	70.76 327 ePd	09 11.46 -1.7		YKA	91.25 340 eP	10 59.70 -0.3	LIC	64.49 23 P	01 37.00 -0.1
SRU	71.93 327 ePd	09 19.90 -0.1			0.5s 14.10nm	5.4mb	KIC	64.68 23 P	01 38.20 -0.2
		epP	09 49.30 117km	ASPA	130.17 207 iPKPd	17 06.20 0.4	TIC	64.90 22 P	01 39.70 -0.1
PEC	71.93 319 eP	09 20.08 0.2			1.2s 11.80nm		BCAO	70.31 47 iPc	02 14.00 0.2
MSU	72.35 325 ePd	09 23.05 0.6			e	17 38.30		0.2s 8.00nm	5.4mb
		epP	09 51.98 115km	MAIO	132.61 60 ePKP	17 11.00 0.9		S.D. = 0.5 on 8 of 10 obs.	
		esP	10 05.38	WB2	133.22 210 iPKPc	17 12.60 1.0		% DEC 05, 1992 00h 51m 18.48 ± 1.08s	
SSK	72.48 319 eP	09 24.11 0.8			0.4s 5.50nm			38.770 S ± 5.9km 177.688 E ± 9.7km	
		epP	09 53.61 117km	WRA	133.23 210 PKP	17 09.60 -2.0X		DEPTH = 124.6 ± 9.5 km	
ARUT	72.50 324 eP	09 24.69 1.4			1.0s 3.30nm			NORTH ISLAND, NEW ZEALAND	(159)
		epP	09 54.23 117km	POO	144.52 88 iPKPd	17 27.20 -5.0X	NOZ	0.31 61 Pc	51 34.90 -1.1
EMUT	72.61 327 eP	09 24.42 0.4		KSH	144.76 51 PKP	17 32.50 0.3	MAHZ	0.44 160 eP	51 36.80 -0.1
		epP	09 53.89 117km	KUSJ	144.93 316 ePKP	17 30.90 -1.2	PAHZ	0.50 260 Pd	51 33.10 -4.1X
		esP	10 07.15	ASAJ	145.74 319 ePKP	17 34.90 1.4	MOH	0.56 229 Pd	51 36.00 -1.5
GSC	72.68 320 ePc	09 24.98 0.7		HOJ	146.19 316 ePKP	17 35.90 1.6	URZ	0.68 318 Pc	51 34.20 -4.2X
		epP	09 54.38 117km	GBA	146.62 98 PKP	17 37.00 1.3			
RSSD	72.90 334 P	09 25.53 -0.1		NDI	148.16 70 ePKP	17 37.50 -0.4			
	1.3s 30.51nm	4.9mb		HYB	148.68 91 ePKP	17 40.20 1.2			
DUG	73.92 326 eP	09 32.04 0.6							
	1.4s 32.25nm	4.9mb							
		epP	10 01.57 117km						

05d 00h

S 51 42.00
TAHZ 0.82 243 P 51 39.40 -0.3
WHH 0.94 263 P 51 39.60 -1.1
TTH 1.02 221 P 51 42.30 0.9
TAZ 1.07 300 P 51 40.10 -1.7
HBZ 1.27 23 P 51 45.50 1.6
UTU 1.32 296 P 51 43.40 -1.1
WAHZ 1.39 228 P 51 46.20 0.8
CNZ 1.68 255 P 51 49.40 0.6
CNZ 1.72 255 P 51 50.00 0.7
WLZ 1.88 298 P 51 50.60 -0.5
PGZ 2.14 210 P 51 55.80 1.4
MOZ 2.27 276 eP 51 57.20 1.1
BSZ 2.37 243 eP 52 00.20 2.9X
MNG 2.51 222 P 52 00.10 0.9
MTW 2.92 214 P 52 05.00 0.5
AMW 2.94 210 P 52 05.50 0.8
KIW 2.99 225 P 52 06.30 0.9
CAW 3.08 220 P 52 07.00 0.3
BLW 3.10 213 eP 52 07.50 0.6
MOW 3.24 214 P 52 08.90 0.1
MRW 3.36 222 eP 52 10.60 0.2

eS 52 49.40
DIW 3.54 234 eP 52 14.10 1.3
TCW 3.58 226 eP 52 13.60 0.3
WCZ 3.88 316 P 52 18.60 1.2
QRZ 4.47 241 eP 52 25.60 0.2
THZ 4.73 229 P 52 29.20 0.4
KHZ 4.82 220 eP 52 29.10 -0.9
S 53 21.50
DSZ 5.40 235 eP 52 37.70 -0.2
LTZ 5.74 224 eP 52 41.30 -1.4
eS 53 44.20
MOZ 6.22 216 eP 52 48.10 -1.1
eS 53 52.70
EWZ 7.00 225 eP 52 59.90 0.1
ODZ 8.18 218 eP 53 14.80 -0.9
BWZ 8.20 223 eP 53 15.50 -0.5
LSCZ 8.86 222 eP 53 23.80 -1.2
SBCZ 8.88 222 eP 53 23.80 -1.4

S.D. = 1.0 on 37 of 40 obs.

DEC 05, 1992 02h 13m 15.33±1.10s
43.005 N ±13.8km 0.333 W ±4.7km
DEPTH = 10.0km (geophysicist)

PYRENEES (378)

ML 2.5 (LDG).

ESCF 0.19 293 Pg 13 19.40 -0.2
Sg 13 22.24
OGE 0.19 328 Pg 13 18.90 -0.7
Sg 13 21.28
ATE 0.28 287 Pg 13 21.37 0.1
Sg 13 25.10
ISSF 0.34 274 Pg 13 22.69 0.3
Sg 13 27.87
MADF 0.38 292 Pg 13 23.00 -0.2
Sg 13 28.13
EPF 0.49 87 Pg 13 24.90 -0.5
Sg 13 32.80
LPO 2.01 33 Pg 13 50.40 0.8
Sg 14 18.60

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

DEC 05, 1992 02h 24m 13.23±1.27s
31.470 S ±19.1km 68.000 W ±8.4km
DEPTH = 33.0km (normol)

SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.25 236 iP 24 19.20 -1.2
ZON 0.58 262 eP 24 26.00 0.9
eS 24 35.00
RTPR 1.73 48 ePc 24 45.60 4.2X
S 25 09.00
MRA 2.16 116 eP 24 48.30 0.7
S 25 15.00
TCA 2.92 88 e(P)d 24 58.00 -0.4
(S) 25 33.00
RFA 3.31 187 e(P) 25 04.10 0.0
S 25 51.00

S.D. = 1.2 on 5 of 6 obs.

DEC 05, 1992 02h 26m 49.00±1.59s
8.391 S ±7.3km 119.894 E ±11.1km
DEPTH = 40.8 ±17.9 km
5.0mb (7 obs.)

FLORES REGION, INDONESIA (286)

MKS 3.18 352 iPd 27 39.50 1.7
KNA 11.34 131 eP 29 30.60 -1.0
0.3s 59.00nm 6.3mb X
MTN 11.90 113 eP 29 38.00 -1.0
0.3s 114.00nm 6.5mb X
NANU 14.70 196 eP 30 15.00 -1.0
0.4s 12.00nm 4.7mb
eS 32 52.00
WBZ 18.10 131 iPc 30 58.10 -1.1
0.7s 54.00nm 4.8mb
MEEK 18.19 184 eP 31 00.00 -0.3
eS 34 06.00
ASPA 20.27 140 iPc 31 24.30 0.3
0.5s 73.90nm 5.3mb
MRWA 21.04 190 eP 31 34.00 2.2
0.4s 4.00nm 4.1mb X
eS 35 12.00
BAL 22.30 187 eP 31 45.00 0.6
eS 35 42.00
QIS 22.56 125 eP 31 48.00 0.9
0.4s 7.00nm 4.5mb
KLB 23.17 185 eP 31 54.00 1.1
eS 36 01.00
MUN 23.72 188 eP 32 11.50 13.3X
eS 36 18.00
STK 30.87 142 eP 33 04.60 0.7
CHG 34.02 323 eP 33 32.40 0.9
LZH 46.75 342 Pc 35 18.00 1.6
1.5s 27.00nm 5.0mb
GBA 47.48 297 P 35 19.90 -2.3
GUN 48.83 319 P 35 32.46 -0.5
0.8s 56.00nm 5.7mb
PKI 48.91 318 P 35 32.56 -1.0
DMN 49.14 318 P 35 34.44 -0.8
KKN 49.14 318 P 35 34.72 -0.5
GKN 49.71 318 P 35 38.56 -1.0
0.6s 34.00nm 5.6mb
BUL 88.35 250 iPd 39 39.20 0.6
S.D. = 1.3 on 21 of 22 obs.

? DEC 05, 1992 02h 45m 14.91±2.64s
36.772 S ±15.5km 179.131 E ±27.0km
DEPTH = 186.9 ±10.4 km
OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 1.06 218 P 45 41.50 -2.5
eS 46 09.10
NOZ 2.04 205 P 45 54.60 1.4
URZ 2.19 227 P 45 54.60 -0.2
S 46 34.50
TAZ 2.55 234 eP 46 00.00 1.1
MAHZ 2.61 202 eP 46 02.20 2.6X
PAHZ 2.65 218 P 46 02.00 1.8X
MOH 2.83 213 P 46 04.60 2.3X
WLZ 3.02 248 P 46 03.60 -1.0
TTH 3.31 213 eP 46 10.60 2.5X
WAHZ 3.65 216 P 46 13.80 1.4
NGZ 3.68 228 eP 46 13.80 0.9
CNZ 3.73 228 P 46 14.80 1.3
MOZ 3.85 242 P 46 15.50 0.7
WCZ 3.95 281 P 46 07.00 -9.2X
PGZ 4.44 209 eP 46 23.50 1.1
MNG 4.79 216 P 46 27.30 0.4
S 47 33.00
MTW 5.21 212 eP 46 32.50 0.1
AMW 5.24 209 eP 46 33.20 0.5
KIW 5.25 218 eP 46 33.30 0.4
CAW 5.36 215 eP 46 33.80 -0.6
BLW 5.40 211 eP 46 35.70 0.8
MRW 5.63 216 eP 46 37.40 -0.5
eS 47 52.90
TCW 5.83 219 eP 46 39.90 -0.5
QRZ 6.55 230 eP 46 48.70 -1.3
eS 48 12.00
THZ 6.94 222 eP 46 54.60 -0.5
eS 48 22.90
KHZ 7.10 216 eP 46 56.70 -0.4
eS 48 25.50
LTZ 7.99 219 eP 47 07.60 -1.5
MOZ 8.51 214 eP 47 14.50 -1.2
ODZ 10.46 215 eP 47 40.50 -0.7
WRA 42.42 281 P 52 53.50 0.8
0.8s 0.20nm 2.7mb
S.D. = 1.1 on 25 of 30 obs.

S.D. = 1.1 on 25 of 30 obs.

DEC 05, 1992 02h 50m 14.75±0.93s

18.168 N ±11.3km 101.098 W ±8.0km
DEPTH = 33.0km (normol)
GUERRERO, MEXICO (59)

PIM 0.75 278 iP 50 29.00 0.1
iS 50 37.00
MRX 1.53 357 iP 50 40.00 0.0
iS 50 56.00
III 1.56 82 iP 50 42.00 1.3
iS 51 03.50
ACX 1.75 137 iP 50 43.00 -0.3
iS 51 06.00
TPM 2.10 67 eP 50 48.50 0.1
(S) 51 22.00
PPM 2.51 69 iP 50 53.50 -1.1
(S) 51 35.00
S.D. = 1.0 on 6 of 6 obs.

& DEC 05, 1992 02h 52m 57.50s
36.495 N 120.177 W
DEPTH = 18.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.4 (BRK), 3.4 (PAS).

PKEM 0.44 173 eP 53 06.10 -0.3
PRI 0.53 228 iPd 53 07.63 -0.4
eS 53 16.06
FRI 0.62 37 iPd 53 09.26 -0.3
LLA 0.63 281 iPd 53 09.07 -0.6
eS 53 17.01
PHAM 0.68 195 eP 53 09.51 -1.1
PRS 0.98 261 iPd 53 15.07 -0.5
eS 53 27.69
SAO 1.05 285 eP 53 16.13 -0.8
eS 53 30.20
BCH 1.31 177 eP 53 19.06 -1.9
eS 53 35.46
ARN 1.38 309 eP 53 21.10 -0.8
COE 1.42 303 ePd 53 21.70 -0.7
MMPM 1.44 39 ePd 53 23.48 0.4
MHC 1.45 306 iPd 53 21.69 -1.2
eS 53 42.00
MEMM 1.53 40 iPd 53 25.12 1.1
CMB 1.55 354 iPd 53 24.28 0.0
eS 53 44.30
MTUM 1.55 56 iPd 53 25.20 0.7
eS 53 44.40
GCC 1.56 291 eP 53 22.64 -1.7
ISA 1.61 121 iPd 53 23.85 -1.4
eS 53 43.10
MRCM 1.78 48 iPd 53 27.18 -0.7
eS 53 51.22
BONR 2.09 45 ePnc 53 33.56 1.1
ePg 53 34.93
JEGM 2.09 300 (Pn) 53 31.25 -0.9
HMR 2.10 322 eP 53 31.81 -0.5
BKS 2.15 311 iPd 53 31.37 -1.6
eS 53 57.63
ZSP 2.20 312 iPd 53 32.64 -1.1
NTYM 2.74 314 ePd 53 39.74 -1.6
TNP 2.84 55 ePn 53 43.07 0.0
GSC 2.99 113 ePnc 53 43.19 -1.7
KVN 3.04 32 (Pn) 53 44.97 -0.8
SSK 3.05 138 ePn 53 44.12 -1.9
eS 54 18.49
ORV 3.23 342 eP 53 48.69 0.3
PEC 3.58 136 eP 53 50.95 -2.5
PLM 4.15 138 ePn 53 58.80 -2.8
LGPM 4.87 336 (P) 54 11.31 -0.5
ARUT 5.53 75 ePn 54 18.50 -2.7
GLA 5.58 126 eP 54 18.16 -3.6
MSU 6.67 70 (Pn) 54 43.44 6.1
SRU 8.08 68 (Pn) 54 59.13 2.2
EMUT 8.08 63 (Pn) 54 57.81 0.7
ePg 55 15.52

37 obs. associated

& DEC 05, 1992 05h 20m 35.59s
34.363 N 116.922 W
DEPTH = 3.1km
SOUTHERN CALIFORNIA (43)
<PAS>. ML 3.1 (PAS), 3.0 (GS).

PEC 0.51 203 iPd 20 45.29 -0.5
SSK 0.66 257 eP 20 48.18 -0.5
GSC 0.94 6 iPd 20 53.37 -0.9
PLM 1.01 177 iPd 20 54.45 -1.0

05d 05h

ISA	1.82	316	ePn	21	06.63	-1.4
			ePg	21	09.53	
GLA	2.18	126	(Pg)	21	18.62	5.3
BCH	2.73	288	eP	21	19.81	-1.4
MTUM	3.27	336	(Pn)	21	28.95	0.0
			ePg	21	35.71	
MRCM	3.54	339	(Pn)	21	32.96	0.1
			ePg	21	42.16	
MMPM	3.66	333	ePn	21	34.88	0.2
MEMM	3.68	334	(Pn)	21	34.75	0.2
TNP	3.72	356	ePn	21	34.90	-0.5
			ePg	21	45.47	
BONR	3.75	343	(Pn)	21	35.36	-0.6
ARUT	4.43	39	ePn	21	44.17	-1.3
MSU	5.64	41	(Pn)	22	02.33	-0.3
			ePg	22	20.02	

15 obs. associated

% DEC 05, 1992 05h 29m 13.64 \pm 0.67s
 30.735 S \pm 7.0km 117.175 E \pm 6.8km
 DEPTH = 10.0km (geophysicist)
 WESTERN AUSTRALIA (590)

BAL	0.42	287	iPd	29	22.00	-0.3
KLB	0.99	150	eP	29	33.00	0.6
			eS	29	45.20	
MUN	1.49	213	eP	29	40.20	-0.3
			eS	29	58.50	
MRWA	1.83	326	eP	29	45.80	0.5
			eS	30	09.50	
COOL	3.42	94	eP	30	07.50	-0.6
			eS	30	46.00	
MEEK	4.27	18	eP	30	20.30	0.1
			eS	31	07.60	

S.D. = 0.6 on 6 of 6 obs.

* DEC 05, 1992 05h 43m 28.53 \pm 1.42s
 23.920 N \pm 10.5km 122.687 E \pm 13.3km
 DEPTH = 10.0km (geophysicist)
 TAIWAN REGION (243)

TWD	1.01	279	iPc	43	46.60	-1.0
			eS	43	57.10	
TWC	1.03	312	iPd	43	47.60	-0.3
			eS	43	59.40	
TWZ	1.55	319	ePd	43	57.00	0.8
TWQ	1.73	282	eP	43	58.80	0.0
TWK	2.12	253	eP	44	04.70	0.2
TWM1	2.35	243	eP	44	08.60	0.8
WRA	45.05	164	P	51	46.00	-0.5
	0.7s		0.10nm		2.9mb	

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

DEC 05, 1992 05h 46m 12.81 \pm 0.70s
 19.365 N \pm 6.7km 120.895 E \pm 10.6km
 DEPTH = 33.0km (normal)
 4.6mb (6 obs.)
 PHILIPPINE ISLANDS REGION (248)

PIP	1.07	194	iPd	46	30.60	-0.9
			iS	46	42.50	
BBP	1.53	42	eP	46	37.00	-1.2
			iS	46	58.80	
BCP	2.94	185	eP	47	00.00	1.7
			eS	47	55.00	
BAG	2.95	186	eP	46	58.80	0.1
			eS	47	25.00	
QCP	4.71	178	eP	47	28.00	4.7X
QVP	4.72	179	ePc	47	23.50	0.0
TGY	5.23	180	ePc	47	34.00	3.2X
HKC	6.93	296	iP	47	54.00	-0.8
GZH	7.96	299	P	48	07.40	-1.7
	Z 16s		1.19um			
QIZ	10.45	270	eP	48	41.30	-2.2
	E 13s		1.15um			
XAN	18.09	326	P	50	25.00	1.7
	Z 12s		0.63um			
CD2	19.28	310	eP	50	39.00	1.2
	Z 18s		1.27um			
	E 12s		0.77um			
TIY	19.72	340	Pd	50	43.70	1.1
	Z 18s		1.58um			
	N 20s		2.33um			
			S	54	23.50	
CHG	20.75	272	eP	50	54.70	1.3
BJI	21.00	350	eP	50	55.50	-0.3
	2.0s		87.00nm		4.8mb	

Z 16s		0.52um		4.0MszX	
		esP	51	08.00	
LZH	22.42	321	eP	51	12.50
	1.4s		37.00nm		4.7mb
Z 15s		0.44um		4.0MszX	
N 10s		0.28um			
		pP	51	17.50	
		sP	51	20.00	
		sS	55	25.00	
SNY	22.51	5	Pd	51	07.50
	Z 16s		0.59um		4.1MszX
HHC	22.85	342	P	51	17.00
	1.0s		14.00nm		4.4mb
	Z 17s		0.72um		4.2MszX
	N 18s		0.71um		
BTO	23.13	339	eP	51	19.00
WRA	41.23	161	P	53	51.80
	0.5s		0.30nm		3.3mb X
WB2	41.23	161	eP	53	50.40
	0.4s		6.10nm		4.7mb
NAO	82.61	332	P	58	39.00
	0.8s		2.10nm		4.3mb
RES	83.44	9	eP	58	38.00
YKA	87.50	23	eP	58	56.00
	0.8s		3.30nm		4.6mb

S.D. = 1.5 on 16 of 24 obs.

DEC 05, 1992 05h 52m 18.39 \pm 0.84s
 19.331 N \pm 5.5km 120.985 E \pm 11.0km
 DEPTH = 21.5 \pm 8.7 km
 4.7mb (5 obs.) 4.3Msz (1 obs.)
 PHILIPPINE ISLANDS REGION (248)

PIP	1.06	199	iPd	52	38.00
			iS	52	50.00
BBP	1.50	39	ePc	52	44.00
			iS	53	37.00
CVP	1.80	154	ePc	52	49.00
			iS	53	01.50
BCP	2.92	187	eP	53	06.00
			eS	53	41.00
BAG	2.93	188	eP	53	04.80
			eS	53	46.00
QCP	4.67	179	eP	53	35.50
QVP	4.68	180	ePc	53	29.50
TGY	5.20	181	ePc	53	51.00
HKC	7.03	296	iP	54	01.10
GZH	8.05	299	P	54	14.50
	Z 16s		2.14um		
PLP	8.99	154	ePc	54	29.00
NJ2	12.81	352	eP	55	17.50
	N 12s		0.59um		
XAN	18.16	326	P	56	33.00
	Z 16s		0.76um		
	N 14s		0.69um		
	E 14s		0.48um		
CD2	19.37	310	eP	56	46.20
TIY	19.78	340	Pd	56	51.00
BJI	21.05	350	eP	57	03.00
	2.0s		110.00nm		4.9mb
	Z 16s		0.58um		4.1MszX
			esP	57	18.00
LZH	22.50	321	eP	57	19.50
	1.4s		39.00nm		4.7mb
	Z 16s		0.44um		4.0MszX
	N 14s		0.37um		
			pP	57	25.00
			sP	57	29.00
HHC	22.91	341	P	57	23.00
	1.0s		23.00nm		4.7mb
	Z 18s		1.09um		4.3Msz
	N 16s		0.72um		
BTO	23.19	338	eP	57	26.00
	N 12s		0.28um		
	E 13s		0.32um		
			eS	01	32.00
GUN	33.19	292	P	58	56.90
GKN	34.29	292	P	59	05.54
HFS	81.70	331	eP	04	34.40
	0.4s		1.50nm		4.4mb
	Z 17s		200.00um		7.5MszX
			LR	38	02.00
RES	83.46	9	eP	04	45.00
YKA	87.50	23	eP	05	03.90
	0.7s		3.10nm		4.7mb

S.D. = 1.3 on 21 of 24 obs.

? DEC 05, 1992 05h 58m 59.38 \pm 0.44s
 38.147 N \pm 10.0km 72.712 E \pm 9.4km
 DEPTH = 33.0km (normal)
 4.4mb (5 obs.)

TAJIKISTAN (715)

NDI	10.16	157	ePc	01	25.50
	0.5s		24.65nm		5.7mb X
MAIO	10.70	264	eP	01	34.00
			eS	03	13.00
GKN	14.21	132	P	02	20.76
KKN	14.75	131	P	02	27.24
DMN	14.78	132	P	02	27.84
PKI	14.99	131	P	02	30.78
GUN	15.02	129	P	02	31.86
HYB	21.28	164	eP	03	41.10
GBA	24.80	169	P	04	15.20
			S	09	15.20
KAF	37.01	326	eP	06	07.90
	0.2s		1.30nm		4.4mb
NUR	37.32	323	eP	06	10.50
	0.3s		4.00nm		4.8mb
HFS	42.64	321	eP	06	52.60
	0.4s		2.10nm		4.3mb
NAO	44.09	322	P	07	05.00
	0.8s		4.00nm		4.3mb
YKA	79.53	3	eP	11	04.40
	0.7s		3.60nm		4.5mb

S.D. = 0.7 on 12 of 14 obs.

& DEC 05, 1992 06h 14m 41.35s
 34.363 N 116.922 W
 DEPTH = 0.0km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS), 2.7 (GS).

SSK	0.66	257	eP	14	53.93
GSC	0.94	6	ePd	14	59.19
PLM	1.01	177	ePd	15	00.34
			S	15	14.27
ISA	1.82	316	ePn	15	12.34
			ePg	15	15.57
			S	15	38.77
GLA	2.18	126	(Pn)	15	17.34
BCH	2.73	288	ePn	15	27.41
MMPM	3.66	333	ePn	15	41.28
TNP	3.72	356	(Pn)	15	42.28
			ePg	15	51.36
BONR	3.75	343	(Pn)	15	41.02
			ePg	15	53.43

9 obs. associated

DEC 05, 1992 06h 26m 17.64 \pm 0.41s
 38.088 N \pm 4.0km 26.997 E \pm 3.5km
 DEPTH = 10.0km (geophysicist)
 4.2mb (3 obs.)

AEGEAN SEA (365)
ML 4.1 (ATH), MD 4.1 (ISK).

IZM	0.37	34	iPg	26	25.80
PRK	1.29	334	ePb	26	41.90
EZN	1.81	343</			

iSn 28 15.00
PLD 4.38 337 iPc 27 25.00 -0.7
KNT 4.41 315 ePn 27 26.12 0.0
GRG 4.56 310 ePn 27 28.46 0.1
VAY 4.70 315 iPn 27 31.50 1.3
KKB 4.82 323 iPc 27 31.00 -1.0
VTS 5.35 328 iPc 27 40.00 0.4
OHR 5.66 304 ePn 27 37.40 -6.5X
SKO 5.76 314 ePn 27 45.50 0.2
CSS 5.98 120 eP 27 48.20 -0.1
eS 28 56.40

KAS 6.16 56 iPc 28 15.30 24.3X
BUC1 6.30 354 eP 28 24.00 31.3X
BUC 6.36 354 ePc 28 30.00 36.4X
ISR 7.05 357 eP 28 18.00 14.6X
CMP 7.32 349 ePd 28 05.00 -2.2
MLR 7.44 354 ePd 28 09.00 0.1
CVO 7.75 356 ePc 28 14.00 0.8
VRI 7.78 359 eP 28 16.00 2.4
GZR 7.95 338 eP 28 14.00 -2.0
CLI 8.46 1 eP 28 24.00 0.9
GEC2 14.43 322 Pn 29 51.40 7.6X
0.7s 2.85nm 4.0mb

KHC 14.68 323 eP 29 54.00 6.9X
CLL 16.50 328 eP 30 15.00 4.4X
2.0s 36.00nm 4.2mb
BCAO 34.38 195 ePc 33 05.00 -1.9
0.8s 4.00nm 4.4mb
i 33 16.90

S.D. = 1.0 on 40 of 49 obs.

? DEC 05, 1992 06h 28m 03.87±5.59s
9.651 S ±54.0km 121.829 E ±23.1km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)

SAVU SEA (288)

KNA 9.08 133 eP 30 14.10 -1.7
eS 31 47.00
MTN 9.66 110 eP 30 24.00 0.3
eS 32 05.00
NANU 14.19 204 eP 31 21.00 -3.6X
0.4s 5.00nm 4.5mb X
eS 33 50.00

WARB 17.06 165 eP 32 02.00 0.3
eS 35 00.00
MEEK 17.17 190 eP 32 03.00 0.0
0.3s 5.00nm 4.1mb
eS 34 55.00

ASPA 18.09 142 iPd 32 15.90 1.4
eS 35 22.40
MRWA 20.22 195 eP 32 38.50 -0.4
e 32 44.00
eS 36 05.00

S.D. = 1.3 on 6 of 7 obs.

DEC 05, 1992 06h 35m 37.22±0.76s
38.293 N ±7.8km 27.155 E ±6.7km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.7 (ISK).

IZM 0.13 39 iPg 35 40.30 -0.2
PRK 1.18 324 ePn 36 11.30 12.2X
EZK 1.66 337 iPn 36 03.80 -2.7
DST 1.74 41 ePn 36 08.20 0.5
KHL 1.86 88 ePn 36 11.00 1.5
KCT 2.16 25 ePn 36 14.20 0.4
ELL 2.68 124 ePn 36 21.00 -0.3
ALN 2.74 342 ePb 36 20.36 -1.6
YLV 2.85 36 ePn 36 24.00 0.4
PAIG 3.16 302 ePn 36 32.00 4.1X
OUR 3.20 311 ePn 36 29.40 1.0
eSn 36 55.80

NPS 3.27 203 ePn 36 28.20 -1.3
DMK 3.55 7 ePn 36 32.00 -1.5
VLI 3.70 246 ePn 36 46.70 11.0X
AGG 3.85 282 ePn 36 46.04 8.3X
SOH 3.87 312 ePn 36 39.50 1.4
SRS 3.94 317 ePn 36 39.70 0.7
iSn 37 13.14

KNT 4.36 312 ePn 36 45.50 0.5
eSn 37 25.50
GRG 4.53 307 ePn 36 48.80 1.3
VAY 4.65 312 ePn 37 02.40 13.3X

S.D. = 1.4 on 15 of 20 obs.

DEC 05, 1992 06h 41m 38.56±0.22s
19.023 N ±4.2km 145.293 E ±5.8km
DEPTH = 260.1km (5 depth phases)
4.6mb (18 obs.)

MARIANA ISLANDS (216)

PJG 5.42 184 eP 42 59.70 -0.6
eS 44 02.50
GUA 5.47 184 eP 42 59.80 -1.1
0.7s 410.96nm 5.5mb

IIDJ 17.65 340 eP 45 25.40 -3.7X
KAKJ 17.70 346 eP 45 28.60 -1.0
eS 48 42.30
CHJJ 17.85 343 eP 45 30.40 -0.7
eS 48 41.30

TSRJ 18.39 335 eP 45 36.90 0.2
MAT 18.53 342 eP 45 37.00 -1.2
0.9s 25.21nm 4.7mb
eS 48 50.00

MTMJ 18.69 341 eP 45 38.20 -1.7
NIJJ 18.97 344 eP 45 41.70 -0.9
YAMJ 19.62 348 P 45 50.10 0.9
OFUJ 20.23 352 P 45 56.50 1.3

PLP 21.10 251 ePc 46 06.30 2.5
AOMJ 21.88 350 P 46 15.60 4.4X
CGP 22.57 245 eP 46 19.00 0.9
MRRJ 23.60 352 P 46 28.40 0.8

BJJ 32.63 316 eP 47 47.50 -0.6
MTN 34.61 205 eP 48 05.00 0.0
ASPA 43.86 195 iPc 49 21.20 0.0
0.8s 25.00nm 4.6mb
eS 55 33.10

YAK 44.31 350 eP 49 23.20 -1.1
0.9s 50.00nm 4.8mb
e 50 12.00 229kmX

RMO 45.36 176 iPc 49 31.50 -1.5
0.6s 18.00nm 4.6mb
DZM 45.78 152 iPc 49 35.70 -0.7
WARB 48.45 203 eP 49 57.80 0.8

STK 50.74 184 iPc 50 13.00 -1.2
BWA 53.23 177 iPc 50 31.90 -0.7
CAN 54.16 176 eP 50 38.30 -1.1
GUN 54.77 291 P 50 45.02 0.6

PKI 55.21 291 P 50 47.40 -0.2
KKN 55.31 291 P 50 49.12 1.0
DMN 55.48 291 P 50 49.38 0.0
GKN 55.86 291 P 50 52.06 0.1

CRP 60.37 30 (P) 51 22.10 -0.5
SLKM 61.11 31 (P) 51 25.23 -2.1
IMA 61.14 24 eP 51 26.56 -1.1
0.9s 3.59nm 4.0mb

BRW 62.06 18 eP 51 33.33 -0.1
FBA 63.17 26 eP 51 39.14 -1.7
0.6s 3.64nm 4.3mb
(pP) 52 39.26 264km

KLU 63.35 30 eP 51 41.11 -1.1
BALM 65.00 31 eP 51 51.71 -1.1
BMW 77.45 45 eP 53 07.11 0.3
GMW 77.48 44 ePc 53 07.81 1.0

YKA 77.88 28 eP 53 07.60 -1.1
0.6s 7.70nm 4.6mb
SHW 78.19 45 (P) 53 12.27 1.4

LON 78.33 45 ePc 53 11.35 -0.2
LGPM 79.17 50 ePc 53 16.98 0.7
RES 79.20 14 ePc 53 15.50 -0.2
0.7s 4.00nm 4.3mb

VGB 79.35 46 ePc 53 17.73 0.7
LBFM 79.73 50 ePc 53 20.01 0.6
HMR 80.71 53 (P) 53 25.22 1.0
COE 81.06 54 eP 53 26.95 0.8

ARN 81.14 54 eP 53 26.96 0.3
CMB 81.81 53 ePc 53 30.46 0.4
0.7s 19.43nm 5.0mb
BCH 82.91 55 eP 53 36.85 1.0

KVN 83.19 51 eP 53 37.83 0.5
BONR 83.40 52 eP 53 38.91 0.4
SES 83.92 39 ePc 53 40.00 -0.5
1.2s 58.00nm 5.3mb

TNP 84.16 52 ePc 53 42.67 0.4
0.7s 12.87nm 4.9mb
LRM 84.77 43 iPc 53 45.40 0.2
GSC 85.41 54 ePc 53 49.04 0.7

PEC 85.61 56 ePc 53 48.97 -0.3
0.9s 4.93nm 4.3mb
HVU 86.06 47 ePc 53 52.26 0.8
DUG 86.62 49 ePc 53 54.56 0.4
0.6s 5.22nm 4.6mb

ARUT 87.06 51 eP 53 56.93 0.
MSU 87.72 50 eP 54 00.09 0.
eP 55 03.69 264km
BW06 87.87 45 eP 53 59.44 -0.8
0.6s 1.66nm 4.1mb
eP 55 10.81 299kmX

EMUT 88.19 48 eP 54 01.88 0.0
eP 55 04.86 261km
FCC 88.55 27 eP 54 05.50 2.7
SRU 88.67 49 ePc 54 03.90 -0.2
PV09 89.91 49 ePc 54 10.52 0.6

eP 55 12.16 254km
PV08 90.23 49 ePc 54 10.29 -1.2
eP 55 09.31 242kmX
RSSD 90.90 42 ePc 54 14.05 -0.3
0.9s 9.56nm 4.7mb

TUC 91.17 55 ePc 54 16.78 1.2
1.0s 9.48nm 4.7mb
(pP) 55 19.46 258km

HFS 91.94 338 eP 54 16.70 -1.8
0.4s 0.80nm 4.1mb
ULM 92.55 34 eP 54 24.50 3.0X
ARE 144.91 92 ePKP 00 48.00 0.7

ZOBO 148.06 90 PKP 00 53.80 1.0
1.0s 27.50nm
LPB 148.13 91 PKP 00 57.20 4.5X
CNCB 148.29 91 PKP 00 54.00 0.9

CCH 150.11 92 PKP 01 01.00 5.5X
SIV 154.68 87 ePKP 01 06.00 4.3X
S.D. = 1.0 on 72 of 78 obs.

DEC 05, 1992 06h 54m 03.10±0.78s
41.731 N ±7.6km 20.208 E ±6.4km
DEPTH = 10.0km (geophysicist)

ALBANIA (391)

ML 2.4 (TIR).

LACI 0.39 256 ePg 54 11.50 0.5
iSg 54 20.40
TIR 0.46 214 iPg 54 12.40 -0.1
iSg 54 21.90

SDA 0.62 301 ePg 54 19.00 3.4X
BCI 0.64 351 ePg 54 15.40 -0.6
OHR 0.76 144 iPg 54 16.90 -1.1
iSg 54 29.20
Lg 54 32.20

SKO 0.95 75 ePg 54 21.20 0.0
0.3s 147.00nm
iSg 54 35.30

VAY 1.82 102 ePn 54 36.00 1.3
S.D. = 1.1 on 6 of 7 obs.

DEC 05, 1992 08h 05m 15.94±0.64s
41.613 N ±7.0km 20.181 E ±5.8km
DEPTH = 10.0km (geophysicist)

ALBANIA (391)

ML 2.5 (TIR).

LACI 0.35 274 ePg 05 23.40 0.2
iSg 05 32.00
OHR 0.68 137 iPg 05 28.90 -0.6
0.6s 84.00nm
iSg 05 41.00
e 05 44.00
Lg 05 46.40

BCI 0.76 354 ePg 05 30.40 -0.4
SKO 1.01 69 ePg 05 35.20 0.2
0.3s 183.00nm
e 05 47.00

FNA 1.23 132 ePb 05 38.28 -0.5
iSb 05 58.68
GRG 1.80 111 ePb 05 47.50 0.3
eSb 06 13.44

KNT 2.09 102 ePn 05 51.60 0.1
LIT 2.31 130 ePn 05 55.50 0.8
S.D. = 0.6 on 8 of 8 obs.

DEC 05, 1992 09h 32m 43.86±0.86s
40.444 N ±6.5km 21.886 E ±7.8km
DEPTH = 10.0km (geophysicist)

GREECE (364)

FNA 0.52 311 ePg 32 54.50 0.2
eSg 33 04.00
LIT 0.58 126 ePg 32 54.66 -0.9
eSg 33 00.50

GRG 0.64 37 ePg 32 57.10 0.3

05d 09h

VAY 1.02 30 eSg 33 08.00
 KNT 1.05 47 ePn 33 01.60 -1.5
 AGG 1.46 166 ePg 33 04.50 0.8
 PAIG 1.47 110 eSg 33 20.20
 OUR 1.60 93 iPb 33 10.38 0.1
 1.47 110 ePb 33 10.58 0.2
 1.60 93 ePb 33 13.06 0.8
 S.D. = 0.9 on 8 of 8 obs.

% DEC 05, 1992 09h 40m 43.43 ± 0.75s
 44.443 N ± 6.2km 7.330 E ± 7.8km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.6 (GEN).

PZZ 0.18 291 P 40 47.53 0.1
 STV 0.20 181 P 40 49.83
 ENR 0.23 163 P 40 47.82 0.0
 S 40 50.29
 ENR 0.23 163 P 40 48.31 0.0
 S 40 51.29
 BHB 0.40 353 P 40 51.59 -0.1
 S 40 52.29
 ROB 0.42 111 P 40 51.99 0.1
 S 40 52.96
 S.D. = 0.1 on 5 of 5 obs.

* DEC 05, 1992 09h 43m 21.05 ± 1.14s
 52.640 N ± 16.1km 178.317 E ± 14.6km
 DEPTH = 100.0km (geophysicist)
 3.9mb (5 obs.)
 RAT ISLANDS, ALEUTIAN ISLANDS (6)

SMY 2.57 274 (P) 44 22.87 21.2X
 (S) 44 59.40
 ADK 3.16 102 (P) 44 09.70 -0.1
 (S) 44 43.40
 KDC 17.35 61 (P) 47 14.73 -3.1X
 BGL 18.02 50 eP 47 27.85 1.7
 CP2 18.08 50 eP 47 27.61 0.5
 CRP 18.13 50 eP 47 27.09 -0.4
 SLKM 18.88 53 eP 47 33.10 -2.8X
 IMA 19.37 35 eP 47 40.75 -0.4
 1.0s 4.31nm 3.7mb
 FBA 21.11 41 eP 47 58.79 0.0
 0.8s 4.35nm 3.8mb
 YKA 35.67 47 eP 50 08.60 -2.1
 0.6s 1.40nm 4.1mb
 HFS 66.90 352 eP 54 04.20 0.3
 0.4s 0.70nm 4.0mb
 WRA 81.74 221 P 55 29.90 0.4
 0.6s 0.60nm 3.6mb
 S.D. = 1.2 on 9 of 12 obs.

% DEC 05, 1992 09h 49m 17.52 ± 0.69s
 40.654 N ± 6.5km 23.018 E ± 6.1km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.05 242 ePg 49 19.00 -0.6
 eSg 49 20.00
 SOH 0.31 57 ePg 49 23.60 -0.3
 eSg 49 29.04
 KNT 0.52 350 ePg 49 27.66 -0.3
 iSg 49 36.32
 GRG 0.56 303 ePg 49 29.60 0.7
 eSg 49 38.40
 OUR 0.80 113 ePg 49 33.50 0.4
 PAIG 0.89 145 ePg 49 34.50 0.0
 eSg 49 46.48
 S.D. = 0.7 on 6 of 6 obs.

DEC 05, 1992 10h 02m 09.36 ± 0.50s
 31.935 S ± 5.6km 67.602 W ± 4.8km
 DEPTH = 10.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.63 301 eP 02 21.20 -0.9
 (S) 02 30.00
 RTCV 0.80 275 iPd 02 23.80 -1.1
 RTLL 0.95 309 iPc 02 27.00 -0.6
 ZON 1.00 293 iPc 02 28.00 -0.3
 eS 02 42.00
 MDZ 1.42 228 iP 02 36.20 1.0
 iS 02 57.90
 MRA 1.67 107 ePc 02 38.70 -0.1
 RTPR 1.88 30 ePc 02 43.00 1.3

(S) 03 06.00
 TCA 2.64 78 i(P) 02 52.00 -0.8
 JACH 2.64 253 iPd 02 54.67 1.8
 iS 03 31.75
 FCH 2.66 238 eP 02 54.43 1.1
 eS 03 31.04
 PEL 2.87 244 eP 02 58.99 2.9X
 (S) 03 37.03
 RFA 2.92 194 e(P) 02 55.10 -1.7
 (S) 03 35.00
 PCH 2.97 235 eP 03 00.76 3.2X
 eS 03 39.94
 ROCH 3.06 249 iPd 02 59.49 0.6
 eS 03 37.22
 TACH 3.29 238 iP 03 02.37 0.4
 CACH 3.33 228 iP 03 08.68 6.0X
 iS 03 52.15
 LCCH 3.68 244 eP 03 06.86 -0.7
 LNV 3.78 237 eP 03 08.57 -0.4
 CYA 3.81 25 ePd 03 09.00 -0.5
 FSA 5.99 14 eP 03 41.00 0.8
 S.D. = 1.0 on 17 of 20 obs.

% DEC 05, 1992 10h 04m 26.96 ± 1.63s
 16.639 N ± 16.7km 98.311 W ± 9.4km
 DEPTH = 33.0km (normal)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 1.50 279 iP 04 52.00 0.1
 iS 05 09.00
 OXX 1.58 74 iP 04 53.00 -0.2
 iS 05 13.00
 PPM 2.43 353 iP 05 05.00 -0.7
 iS 05 33.00
 TPM 2.44 343 eP 05 05.50 0.0
 iS 05 34.00
 IISM 2.50 21 iP 05 07.00 0.8
 (S) 05 38.00
 MRX 4.10 319 (P) 05 38.00 9.1X
 S.D. = 0.8 on 5 of 6 obs.

DEC 05, 1992 11h 24m 44.51 ± 0.37s
 44.356 N ± 2.8km 7.318 E ± 4.8km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.1 (GEN).

STV 0.11 178 P 24 47.91 0.4
 S 24 49.69
 ENR 0.15 150 P 24 48.50 0.5
 S 24 50.65
 DOI 0.16 341 P 24 49.20 1.0
 eSg 24 52.00
 PZZ 0.22 314 P 24 49.78 0.5
 S 24 53.12
 TOUF 0.35 188 Pg 24 51.59 -0.1
 AUTN 0.37 168 Pg 24 52.14 0.0
 Sg 24 56.96
 ROB 0.40 99 P 24 53.45 0.7
 S 24 59.58
 SAOF 0.41 155 Pg 24 52.91 0.1
 Sg 24 57.95
 AURF 0.47 179 Pg 24 53.68 -0.4
 Sg 24 59.73
 MVIF 0.47 195 Pg 24 53.79 -0.4
 Sg 24 59.75
 BHB 0.49 355 P 24 53.67 -0.7
 S 25 00.77
 IMI 0.61 137 P 24 56.42 -0.4
 S 25 04.57
 FIN 0.66 103 P 24 57.47 -0.1
 S 25 06.44
 RRL 0.68 326 P 24 58.34 0.2
 S 25 07.95
 RSP 0.80 357 P 24 58.94 -1.1
 S 25 08.73
 S.D. = 0.6 on 15 of 15 obs.

% DEC 05, 1992 12h 31m 48.21 ± 1.19s
 40.064 N ± 10.3km 29.400 E ± 10.0km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).

YLV 0.50 358 iPg 31 58.20 -0.2
 DST 0.75 233 ePg 32 03.00 0.1
 eSg 32 13.00

EYL 0.77 49 ePn 32 03.00 -0.3
 HRT 0.78 15 iPg 32 04.00 0.5
 KCT 0.82 283 iPg 32 04.00 -0.1
 iSg 32 19.00
 S.D. = 0.4 on 5 of 5 obs.

DEC 05, 1992 13h 27m 33.15 ± 0.55s
 38.580 N ± 5.9km 141.559 E ± 9.5km
 DEPTH = 128.5 ± 4.8 km
 4.7mb (3 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN (228)

OFUJ 0.51 10 iPd 27 53.30 1.0
 S 28 06.10
 YAMJ 1.26 252 iPd 27 58.20 -0.7
 AOMJ 2.18 336 P 28 09.50 -0.2
 eS 28 35.40
 NIJJ 2.43 237 iPd 28 12.70 -0.1
 S 28 41.20
 KAKJ 2.62 205 iP+ 28 15.10 -0.2
 S 28 45.10
 CHJJ 3.25 220 P 28 23.50 -0.2
 MAT 3.35 234 eP 28 25.00 0.0
 MTMJ 3.59 237 P 28 28.50 0.3
 MRRJ 3.86 355 eP 28 30.80 -0.9
 eS 29 15.00
 HOOJ 4.02 19 eP 28 34.80 0.9
 IIDJ 4.25 224 eP 28 37.60 0.4
 KUSJ 5.11 27 P 28 48.10 -0.5
 eS 29 43.60
 ASAJ 5.59 8 eP 28 55.00 -0.2
 GUN 47.14 274 P 35 55.30 0.7
 0.4s 12.00nm 4.9mb
 KKN 47.66 275 P 35 59.12 0.6
 PKI 47.66 274 P 35 59.00 0.3
 DMN 47.88 274 P 35 59.74 -0.5
 GKN 48.06 275 P 36 01.62 0.1
 WB2 58.60 188 iPc 37 19.90 1.2
 0.4s 3.10nm 4.7mb
 WRA 58.61 188 P 37 16.90 -1.8
 0.5s 2.00nm 4.4mb
 ZOBO 145.79 58 PKP 47 03.60 4.5X
 SIV 149.98 48 ePKP 47 18.00 13.1X
 S.D. = 0.8 on 20 of 22 obs.

DEC 05, 1992 14h 37m 22.38 ± 0.92s
 9.768 S ± 4.7km 159.730 E ± 9.8km
 DEPTH = 34.8 ± 9.9 km
 5.1mb (23 obs.)
 SOLOMON ISLANDS (193)
 Felt (III) at Honiara.

HNR 0.40 33 iP 37 31.00 -0.5
 iS 37 40.00
 PMG 12.40 271 eP 40 21.00 1.5
 DZM 13.83 153 iPc 40 39.00 0.6
 CTA 16.56 230 iPc 41 18.00 4.2X
 1.0s 22.50nm 4.3mb
 BRS 18.72 200 iPd 41 40.00 -0.5
 i 41 49.00
 RMO 19.61 211 iPd 41 51.50 0.6
 0.9s 108.00nm 5.1mb
 ARMA 21.89 199 eP 42 14.50 0.1
 0.3s 7.00nm 4.6mb
 QLP 22.24 219 iPc 42 19.40 1.6
 0.5s 51.00nm 5.2mb
 CMS 25.17 209 iPc 42 46.00 -0.2
 0.9s 33.00nm 4.9mb
 WB2 26.50 245 iPc 42 58.20 -0.5
 0.8s 17.10nm 4.7mb
 BWA 26.64 201 eP 43 00.00 0.1
 CAN 27.26 199 eP 43 06.40 0.9
 STK 27.69 215 iPc 43 08.60 -0.8
 eS 47 51.00
 ASPA 28.27 238 eP 43 12.80 -2.0
 0.5s 13.60nm 4.9mb
 Z 19s 0.90um 4.4msz
 WARB 35.31 238 eP 44 15.60 -0.9
 COOL 41.54 234 eP 45 07.00 -1.4
 MEEK 42.28 241 eP 45 14.00 -0.6
 0.4s 7.00nm 4.7mb
 KLB 44.50 235 eP 45 32.00 -0.5
 MRWA 45.21 238 eP 45 38.00 -0.3
 MAT 50.32 337 iPc 46 16.60 -1.3
 0.6s 7.33nm 4.9mb
 SSE 54.92 319 Pd 46 51.50 -0.8

NJ2	1.0s	32.00nm	5.3mb	SVB	3.46	181	eP	29	07.08	0.3	WB2	32.21	258	iPc	35	22.80	-1.5			
	57.05	319	iPc	47	07.80	0.2						0.7s	3.40nm	iPcP	38	08.30	4.1mb			
WHN	1.0s	23.00nm	5.2mb	GRW	4.59	186	eP	29	22.29	-0.5										
CN2	59.20	314	eP	47	22.00	-0.6	TCE	6.04	185	eP	29	43.42	0.1	WRA	32.22	258	P	35	22.90	-1.5
	61.74	332	eP	47	39.60	-0.1	TRN	6.07	182	eP	29	44.04	0.3		0.6s	2.20nm			4.0mb	
	1.0s	17.00nm	5.1mb	TPP	6.40	182	eP	29	45.77	-2.6	ASPA	32.87	251	iPd	35	29.20	-0.9			
Z	19s	0.42um	4.6MsZ	GUAN	8.02	213	eP	30	09.60	-1.6		0.5s	29.10nm				5.2mb			
		eP	47	50.00	34kmX		SIV	32.53	180	P	34	46.00	1.9	CHJJ	58.83	333	P	38	51.30	-1.4
		eS	56	00.00										IIDJ	58.85	331	P	38	52.50	-0.4
GYA	62.85	306	P	47	47.40	-0.2		S.D. = 0.9	on	22	of	22	obs.	MAT	59.60	332	iPd	38	56.80	-1.1
	1.0s	12.00nm	5.0mb											1.1s	18.99nm			4.8mb		
BJI	63.87	324	eP	47	57.50	3.6X							MTMJ	59.81	332	P	38	58.80	-0.7	
TIY	64.69	320	eP	48	01.40	2.0							NIIJ	59.83	333	eP	38	59.10	-0.3	
Z	16s	0.60um	4.9MsZ										YAMJ	60.19	335	eP	39	02.10	0.2	
XAN	64.96	315	Pc	48	00.50	-0.7							OFUJ	60.32	337	eP	39	02.40	-0.4	
	0.8s	11.00nm	5.0mb										KUSJ	62.83	341	eP	39	18.10	-1.3	
KMI	65.44	303	Pd	48	05.00	0.3							ASAJ	64.41	340	eP	39	30.60	0.9	
	1.0s	30.00nm	5.3mb										MDJ	69.97	332	eP	40	04.50	0.1	
CHG	66.32	295	eP	48	10.00	-0.1								1.0s	37.00nm			5.1mb		
HHC	67.11	322	eP	48	15.00	0.1							CN2	71.33	329	eP	40	12.80	0.2	
	1.2s	12.00nm	4.9mb											0.9s	11.00nm			4.6mb		
CD2	67.17	309	iPc	48	15.20	-0.2							GYA	73.19	305	P	40	24.40	0.4	
	0.8s	35.00nm	5.5mb											0.8s	7.80nm			4.5mb		
BTO	67.91	321	eP	48	20.20	0.3							TIY	74.88	317	eP	40	34.40	0.9	
LZH	69.58	314	eP	48	31.00	0.6							XAN	75.27	313	P	40	36.00	0.3	
	1.2s	36.00nm	5.3mb											0.7s	5.00nm			4.4mb		
Z	20s	0.20um	4.4MsZ										KMI	75.74	302	Pc	40	40.00	1.2	
GTA	73.97	316	Pc	48	57.20	0.7								1.2s	30.00nm			4.9mb		
	0.8s	11.00nm	4.9mb										CHG	76.39	294	eP	40	43.10	0.9	
YAK	75.29	346	iPc	49	03.00	-0.4							LZH	79.89	312	iPd	41	02.50	1.3	
	0.8s	50.00nm	5.6mb											1.5s	30.00nm			4.8mb		
GUN	80.55	300	P	49	33.66	0.0							YAK	83.68	343	eP	41	19.00	-0.9	
	0.8s	24.00nm	5.2mb											1.2s	50.00nm			5.1mb		
PKI	80.86	300	P	49	34.90	-0.3							GUN	90.78	299	P	41	54.30	-1.0	
KKN	81.03	300	P	49	35.86	-0.1							PKI	91.08	298	P	41	56.64	0.0	
DMN	81.13	300	P	49	36.82	0.3							KKN	91.25	298	P	41	57.40	0.1	
	1.0s	33.00nm	5.3mb										DMN	91.35	298	P	41	58.22	0.5	
GKN	81.63	300	P	49	38.98	0.0							GKN	91.86	298	P	41	59.66	-0.3	
	0.7s	21.00nm	5.3mb											0.6s	12.00nm			5.1mb		
WMQ	84.04	316	P	49	51.40	0.4							WMQ	94.32	314	eP	42	12.00	1.1	
GBA	84.89	285	P	49	58.00	2.4							GEC2	141.34	333	PKP	48	14.40	-7.2X	
	S.D. = 0.9	on	41	of	43	obs.								0.6s	1.20nm					
														e		48	24.60			
? DEC 05, 1992 15h 10m 47.46±5.33s													WLS	144.23	338	PKP	48	25.54	-1.0	
40.386 N ±23.6km 21.325 E ±37.4km													CDF	144.26	338	PKP	48	25.75	-0.9	
DEPTH = 10.0km (geophysicist)													SLE	144.34	336	ePKPd	48	25.60	-1.1	
GREECE (364)													FEL	144.44	337	PKP	48	26.18	-0.8	
FNA	0.40	6	ePg	10	55.50	-0.1							ECH	144.47	338	PKP	48	26.19	-0.7	
			eSg	10	59.50								OSS	144.53	333	ePKPd	48	27.20	-0.1	
LIT	0.94	107	ePg	11	05.16	-0.2							MOF	144.79	338	PKP	48	27.28	-0.3	
			eSg	11	18.96								LLS	144.87	335	ePKPd	48	28.00	0.1	
GRG	1.00	55	ePg	11	06.08	-0.3							VITF	144.88	339	PKP	48	27.77	0.2	
			eSg	11	19.56								BSF	144.93	338	PKP	48	27.85	0.0	
KNT	1.42	57	ePb	11	14.00	0.6							HAU	144.94	338	iPKPd	48	28.00	0.3	
			iSb	11	32.68									0.8s	59.35nm					
	S.D. = 0.7	on	4	of	4	obs.							BBS	144.97	337	PKP	48	27.89	0.1	
													LOMF	145.32	337	PKP	48	29.27	0.8	
DEC 05, 1992 16h 28m 13.86±1.07s													TMA	145.53	334	ePKPd	48	29.80	0.8	
16.750 N ±8.0km 61.192 W ±11.9km													FLN	146.25	346	iPKPd	48	31.60	1.8	
DEPTH = 33.0km (normal)														0.6s	14.60nm					
LEEWARD ISLANDS (92)													ORX	146.28	334	PKP	48	30.94	0.8	
ML 3.9 (FDF).													LDF	146.32	346	iPKPd	48	31.80	1.8	
DEG	0.45	164	eP	28	23.65	-0.2								0.6s	10.55nm					
BPA	0.70	295	eP	28	27.50	0.2							LOR	146.42	340	iPKPd	48	32.50	2.3X	
DOG	0.82	210	eP	28	29.82	0.8								0.7s	11.25nm					
			S	28	41.70								LBF	146.63	340	iPKPd	48	34.50	3.9X	
MGG	0.84	188	eP	28	30.10	0.9								0.9s	28.35nm					
PAG	0.86	213	ePd	28	30.11	0.5							GRR	146.68	346	iPKPd	48	33.10	2.6X	
			S	28	42.70									0.6s	9.55nm					
MGH	0.98	268	iP	28	31.42	0.1							SSF	146.71	341	iPKPd	48	33.50	2.9X	
CPB	1.07	326	eP	28	32.08	-0.5							LSD	146.76	335	PKP	48	34.05	2.9X	
			eS	28	52.37								LPL	146.88	336	iPKPd	48	34.40	3.1X	
MDN	1.44	188	eP	28	38.41	0.6								0.7s	20.85nm					
			eS	29	00.69								LPG	146.89	336	iPKPd	48	34.50	3.1X	
DPMT	1.49	187	eP	28	39.57	0.9								0.6s	17.05nm					
DTMT	1.52	186	eP	28	38.42	-0.6							PCP	146.91	333	PKP	48	34.64	3.5X	
CRM	2.00	172	iPd	28	45.83	-0.2							RSP	146.97	335	PKP	48	33.55	2.3X	
FDF	2.01	179	eP	28	45.65	-0.5							LPF	147.06	346	iPKPd	48	34.40	3.3X	
			S	29	09.80									0.6s	13.10nm					
MVM	2.20	173	ePd	28	48.85	0.0							BHB	147.22	334	PKP	48	33		

BCAO	0.7s	8.05nm	147.85	252	iPKPc	48	36.70	3.2X	IGT	2.93	139	ePn	11	57.80	1.2	PLM	1.71	176	eS	29	01.13	
	0.5s	25.00nm										ePn	11	27.50				ePn	28	46.19	-1.0	
												eSn	12	01.40		BCH	2.54	274	ePn	29	09.51	
SBF	147.94	333	iPKPd	48	39.00	6.6X	SDI	3.00	270	P	11	28.40	1.1					ePn	28	56.98	-2.1	
	0.7s	32.40nm										eSn	12	07.60				ePg	29	02.94		
LSF	148.05	342	iPKPd	48	36.60	3.8X	KZN	3.32	115	ePb	11	41.00	9.1X			MTUM	2.62	331	ePn	28	59.43	-0.9
	0.5s	9.25nm					AQU	3.34	282	P	11	33.50	1.3					ePg	29	04.54		
MFF	148.18	344	iPKPd	48	37.10	4.1X	GRG	3.54	102	ePn	11	34.40	-0.5			GLA	2.69	137	ePg	29	05.69	4.5
	0.7s	17.75nm										eSn	12	13.76				eS	29	30.32		
FRF	148.52	334	iPKPd	48	37.90	4.3X	VAY	3.59	95	iPn	11	35.30	-0.3					eS	29	43.49		
	0.5s	6.10nm					KNT	3.86	97	ePn	11	39.00	-0.5			PKEM	2.73	292	(Pg)	29	06.94	5.2
LRG	148.73	334	ePKP	48	38.60	4.7X	LIT	3.90	114	ePn	11	40.00	-0.1			MRCM	2.88	335	(Pn)	29	03.60	-0.5
	1.1s	65.70nm										eSn	12	22.80		TNP	3.02	357	ePn	29	04.87	-1.2
LMR	148.76	334	iPKPd	48	38.50	4.5X	SOI	3.93	201	Pc	11	38.90	-1.4			MMPM	3.03	328	(Pn)	29	04.94	-1.3
	0.6s	10.10nm										eSn	12	24.80				ePg	29	11.80		
RJF	148.90	341	iPKPd	48	39.20	5.0X	ARV	4.00	297	P	11	40.90	-0.5			MEMM	3.04	329	ePg	29	12.21	6.2
	0.7s	7.70nm					ASS	4.04	291	P	11	42.00	0.0			BONR	3.08	340	ePn	29	05.64	-1.3
CAF	149.07	340	iPKPd	48	39.70	5.2X	THE	4.04	104	ePn	11	40.80	-1.1					ePg	29	13.61		
	0.8s	8.35nm					VLS	4.16	148	ePb	11	42.10	-1.6			ARUT	3.95	45	(Pn)	29	18.81	-0.4
LFF	149.47	342	ePKP	48	40.70	5.7X	VBY	4.18	334	iPnd	11	45.80	1.9					ePg	29	30.37		
	0.8s	17.60nm					SSR	4.22	41	iPd	12	11.00	26.5X			CM8	4.04	318	ePn	29	17.30	-3.0
LPO	149.57	341	iPKPd	48	40.80	5.6X	SOH	4.27	101	ePn	11	45.20	-0.1					ePg	29	26.44		
	0.6s	13.55nm										eSn	12	30.16				eS	30	22.28		
S.D. = 0.9 on 52 of 80 obs.									PTJ	4.35	343	ePn	11	45.00	-1.5	MSU	5.18	47	(Pn)	29	37.81	1.1
DEC 05, 1992 18h 10m 38.76±0.28s												iSn	12	39.20				ePg	29	52.79		
41.760 N ± 3.2km 17.823 E ± 2.6km																						

CIN 0.97 117 iSg 04 49.10
 0.97 117 iPg 04 53.00 -0.2
 YER 1.37 132 ePn 05 06.00 0.1
 EZN 1.85 344 ePn 05 06.40 -0.3
 DST 2.01 39 ePn 05 09.70 0.6
 KHL 2.01 81 ePn 05 09.00 -0.1
 EDC 2.39 16 ePn 05 15.00 0.5
 BNT 2.41 17 ePn 05 15.00 0.2
 KCT 2.44 25 ePn 05 14.80 -0.4
 S.D. = 0.4 on 9 of 9 obs.

% DEC 05, 1992 19h 56m 48.70 ± 2.09s
 40.016 N ± 13.3km 29.430 E ± 14.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 2.6 (ISK).

YLV 0.55 355 iPg 56 59.80 -0.2
 DST 0.74 237 iPg 57 03.20 -0.1
 HRT 0.82 13 ePg 57 04.80 0.1
 KCT 0.86 286 iPg 57 06.30 1.1
 BNT 1.21 287 ePn 57 11.00 -0.2
 EDC 1.25 286 ePn 57 11.00 -0.8
 S.D. = 0.8 on 6 of 6 obs.

* DEC 05, 1992 20h 02m 26.48 ± 2.07s
 37.906 N ± 13.7km 27.010 E ± 20.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 3.1 (ISK).

CIN 0.91 109 ePg 02 44.00 0.2
 YER 1.27 127 ePn 02 50.00 -0.1
 EZN 1.99 345 ePn 03 00.50 0.0
 DST 2.12 36 iPn 03 02.10 -0.3
 KCT 2.56 24 ePn 03 09.00 0.2
 S.D. = 0.3 on 5 of 5 obs.

& DEC 05, 1992 21h 14m 54.99s
 62.168 N 149.320 W
 DEPTH = 44.4km

CENTRAL ALASKA (1)
 <AEIC>. ML 3.6 (AEIC), 3.9 (PMR).

GHO 0.44 155 P 15 04.90 -0.4
 CUT 0.50 299 eP 15 05.69 -0.3
 PWA 0.58 207 P 15 06.60 -0.4
 PLRM 0.58 171 iPc 15 06.23 -0.8
 PMR 0.58 171 eP 15 05.93 -1.1
 SML 0.59 127 iPc 15 06.36 -0.8
 HUR 0.83 350 ePd 15 09.62 -0.8
 KNK 0.86 151 iPc 15 10.18 -0.7
 PMS 0.93 187 ePc 15 10.90 -1.0
 SUA 0.98 224 ePd 15 12.32 -0.3
 SCM 1.00 109 iPc 15 11.78 -1.1
 SKT 1.06 261 iPd 15 12.68 -0.9
 RND 1.26 10 ePd 15 15.58 -1.0
 PTE 1.32 174 ePc 15 16.77 -0.4
 TRF 1.36 341 iPc 15 17.23 -0.8
 TOA 1.48 91 iPc 15 20.00 0.4
 CGLM 1.54 237 eP 15 20.10 -0.4
 NCG 1.55 242 eP 15 20.03 -0.6
 KTH 1.57 333 iPc 15 20.22 -0.7
 MCK 1.58 6 eP 15 20.56 -0.5
 CRP 1.63 237 P 15 22.30 0.5
 SPU 1.64 234 eP 15 21.60 -0.2
 CKN 1.66 236 eP 15 22.79 0.6
 CP2 1.66 238 eP 15 22.26 -0.1
 GLI 1.68 139 iPc 15 21.69 -0.7
 CKT 1.68 236 eP 15 22.65 0.1

MPA 1.69 181 eP 15 21.34 -1.1
 NKA 1.70 214 P 15 26.00 3.3
 BGL 1.72 240 eP 15 23.61 0.5
 SLKM 1.72 195 ePc 15 22.26 -0.8
 CKL 1.74 237 P 15 23.60 0.3
 KLU 1.75 111 iPc 15 22.72 -0.7
 VLZ 1.77 125 iPc 15 22.47 -1.1
 SDG 1.80 77 iPc 15 24.00 -0.1
 TZL 1.84 92 ePc 15 24.99 0.4
 PAX 1.96 64 eP 15 26.17 -0.2
 FID 1.97 135 ePc 15 25.66 -0.9

KNIM 1.98 157 eP 15 25.30 -1.4
 THY 2.06 51 eP 15 28.64 0.8
 SEW 2.07 182 eP 15 27.89 0.0
 RDT 2.18 224 eP 15 29.22 -0.4
 HIN 2.24 141 iPc 15 29.22 -1.1
 LTI 2.25 161 eP 15 28.87 -1.6
 DFR 2.26 227 eP 15 30.42 -0.4
 REF 2.34 226 eP 15 31.61 -0.4
 RDN 2.35 227 eP 15 32.62 0.6
 CVA 2.37 132 ePc 15 31.16 -1.0
 NCT 2.37 229 eP 15 32.31 0.0
 WRH 2.38 13 ePc 15 30.78 -1.6
 RS2 2.38 226 eP 15 32.82 0.2
 RSO 2.38 226 eP 15 32.45 -0.1
 RS1 2.38 226 eP 15 32.57 -0.1
 RDW 2.39 226 iPd 15 32.44 -0.2
 NEA 2.42 2 ePc 15 31.19 -1.8
 HDA 2.49 24 ePc 15 32.30 -1.6
 BRLK 2.53 198 P 15 34.40 -0.2
 CCB 2.58 15 ePc 15 33.47 -1.7
 GLB 2.72 103 ePc 15 36.04 -1.2
 ILIM 2.74 222 eP 15 37.30 -0.2
 INE 2.79 222 eP 15 37.89 -0.4
 INW 2.80 223 eP 15 38.58 0.1
 FBA 2.83 13 ePc 15 36.68 -2.0
 DOT 2.83 56 eP 15 38.97 0.2
 MDM 2.84 9 ePc 15 37.35 -1.6

RAGM 2.87 126 eP 15 38.23 -1.1
 MLY 2.94 348 iPc 15 38.57 -1.9
 GLM 2.96 16 ePc 15 38.81 -1.8
 HMT 3.06 125 ePc 15 40.24 -1.8
 OPT 3.16 219 P 15 45.00 1.4
 SVW 3.19 253 P 15 42.70 -1.3
 TTA 3.19 287 ePc 15 41.94 -2.1
 KAIM 3.28 131 P 15 47.20 2.1
 CROM 3.29 113 P 15 45.20 -0.3
 PDB 3.37 227 eP 15 45.81 -0.6
 AUL 3.45 218 P 15 48.20 0.7
 AUP 3.46 217 P 15 48.20 0.4
 AUH 3.46 218 P 15 48.40 0.6
 AUW 3.47 218 P 15 48.00 0.2
 BALM 3.52 106 iPc 15 46.83 -1.9
 SNH 3.72 120 eP 15 49.92 -1.5
 PRP 3.76 25 ePd 15 50.49 -1.6
 MCNL 3.88 222 eP 15 53.09 -0.5
 SYI 3.88 204 eP 15 52.38 -1.2
 CDD 3.89 215 eP 15 52.82 -0.9
 CTGM 4.01 104 eP 15 54.09 -1.5
 IMA 4.36 336 ePc 15 57.91 -2.6
 KDC 4.71 201 eP 16 01.16 -4.2
 87 obs. associated

* DEC 05, 1992 21h 46m 27.27 ± 1.71s
 38.007 N ± 9.9km 27.115 E ± 16.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 3.1 (ISK).

IZM 0.41 17 iPg 46 34.60 -1.0
 CIN 0.87 118 ePg 46 40.10 0.0
 YER 1.27 133 ePn 46 50.50 -0.4
 EZN 1.92 341 ePn 47 00.50 0.3
 KHL 1.92 80 ePn 47 00.80 0.3
 DST 1.99 36 iPn 47 02.10 0.8
 S.D. = 0.8 on 6 of 6 obs.

* DEC 05, 1992 21h 59m 56.25 ± 2.53s

38.033 N ± 15.4km 27.014 E ± 20.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

IZM 0.41 28 iPg 00 03.10 -1.6
 CIN 0.95 117 ePg 00 13.00 -1.4
 EZN 1.87 344 ePn 00 28.50 0.0
 KHL 2.00 81 ePn 00 32.40 1.9
 DST 2.01 38 ePn 00 31.60 0.9
 EDC 2.40 16 ePn 00 36.00 -0.2
 BNT 2.42 17 ePn 00 37.00 0.5
 S.D. = 1.5 on 7 of 7 obs.

% DEC 05, 1992 22h 01m 45.10 ± 1.46s
 43.049 N ± 16.9km 0.639 W ± 7.0km
 DEPTH = 10.0km (geophysicist)

PYRENEES (378)
 ML 1.0 (STR).

ESCF 0.06 57 Pg 01 47.23 -0.1
 ATE 0.06 310 Pg 01 47.04 -0.3
 ISSF 0.12 260 Pg 01 48.29 0.1
 MADF 0.16 306 Pg 01 49.05 0.2
 OGE 0.17 45 Pg 01 49.10 0.1
 S.D. = 0.3 on 5 of 5 obs.

DEC 05, 1992 22h 50m 08.84 ± 0.45s
 19.215 S ± 8.1km 167.804 E ± 10.3km
 DEPTH = 10.0km (geophysicist)
 4.8mb (11 obs.)

VANUATU ISLANDS REGION (185)

PVC 1.54 18 iP 50 36.50 0.1
 BKM 1.59 15 iP 50 37.00 -0.2
 DZM 3.11 204 iPc 50 57.10 -1.9
 ARMA 18.42 230 eP 54 28.10 2.0
 RMO 18.98 244 iPd 54 34.10 1.2
 CTA 20.31 264 iPd 54 49.00 1.1
 PMG 22.23 293 eP 55 08.00 0.6
 QLP 22.89 247 iPd 55 14.10 0.2
 BWA 22.93 225 eP 55 14.30 0.0
 CAN 23.10 222 eP 55 17.40 1.5
 CMS 23.27 234 eP 55 18.70 1.2
 STK 26.72 237 eP 55 50.10 -0.2
 WB2 31.50 263 iPc 56 30.80 -2.5
 ASPA 31.82 256 iPd 56 34.20 -1.9
 WARB 38.48 252 eP 57 32.00 -1.0
 WEEK 45.68 251 iPd 58 30.70 -1.2
 NANU 48.75 257 eP 58 55.00 -1.0
 MDJ 72.46 332 eP 01 37.00 -0.4
 CN2 73.74 329 eP 01 45.50 0.7
 BJI 76.07 322 eP 01 58.50 0.2
 TIY 76.90 318 eP 02 03.50 0.3
 XAN 77.10 313 eP 02 03.60 -0.7
 CHG 77.41 295 eP 02 06.10 -0.2
 CD2 79.15 308 eP 02 16.00 0.3
 HHC 79.33 320 eP 02 17.20 0.7

SIV	22.65	142	P	45	42.40	6.3X
YJA	25.71	158	ePc	46	06.00	-0.1
ANT	25.82	169	eP	46	01.50	-5.0X
HJA	26.71	159	ePc	46	15.50	0.8
BAO	32.16	124	Pd	47	05.60	1.9
			e	47	13.20	26km
			e	47	17.00	
			e	47	53.00	
			e	47	56.50	
			e	48	17.90	
			e	48	19.60	
			e	48	22.90	
			e	48	29.30	
			e	51	01.00	
			e	51	19.50	
			e	51	22.00	
			e	51	38.10	
			e	52	07.80	
			e	52	55.00	
			e	52	56.00	
			e	52	57.30	
			e	54	06.80	
			e	54	11.10	
			e	54	17.60	
			e	54	20.00	
PRM	32.76	349	eP	47	14.32	5.7X
JSC	32.77	351	(P)	47	13.70	5.1X
LHS	32.89	352	eP	47	14.97	5.2X
MDZ	35.05	170	i(P)	47	31.60	3.1X
NAV	35.68	353	(P)	47	40.03	6.2X
GRT	36.66	341	eP	47	46.07	4.1X
OLY	36.70	338	eP	47	41.41	-0.9
MIAR	36.72	334	(P)	47	42.96	0.4
	0.7s	6.60nm				4.6mb
UYO	36.79	333	iPc	47	43.40	0.3
RFA	36.96	170	e(P)	47	46.60	2.0
ELC	37.54	342	eP	47	52.76	3.4X
VVO	38.35	333	e(P)	48	01.70	5.5X
FVM	38.56	341	eP	48	01.61	3.7X
	0.6s	67.36nm				5.6mb
RLO	38.72	334	eP	47	57.90	-1.4
			e	48	03.50	19km
LNO	38.85	333	iPc	47	59.50	-0.8
			i	48	04.60	17km
LN02	38.85	333	eP	47	59.80	-0.5
			e	48	04.70	17km
LN03	38.85	333	eP	47	59.80	-0.6
			e	48	03.50	13km
TUL	38.85	333	iPc	47	59.70	-0.7
	1.0s	68.00nm				5.3mb
Z	16s	0.11um				3.8MszX
			i	48	04.60	17km
			LR	05	00.00	
SIO	38.95	332	e(P)	48	05.40	4.2X
FNO	39.07	331	iPc	48	02.00	-0.2
MEO	39.28	329	iPd	48	03.00	-1.1
OCO	39.32	331	iPc	48	04.10	-0.2
WMOK	39.35	329	eP	48	03.52	-1.1
	0.8s	13.09nm				4.7mb
ACO	41.07	330	iPc	48	18.80	0.0
ALO	43.84	322	eP	48	41.32	-0.4
	0.6s	18.55nm				5.1mb
EEO	44.77	356	eP	48	57.00	8.3X
LMN	44.84	10	eP	49	01.50	12.2X
GOL	46.54	328	eP	49	02.58	-0.6
	0.4s	7.26nm				5.0mb
PV09	47.81	324	eP	49	11.75	-1.6
SRU	49.03	324	eP	49	22.23	-0.4
RSSD	49.19	333	eP	49	23.75	-0.1
	0.8s	44.66nm				5.5mb
MSU	49.65	322	eP	49	27.33	-0.1
ARUT	50.01	320	(P)	49	28.91	-1.2
BW06	50.94	328	eP	49	36.63	-0.6
	1.0s	7.20nm				4.6mb
DUG	51.08	323	eP	49	37.78	-0.5
ULM	51.31	343	eP	49	45.50	5.9X
PTI	52.54	326	(P)	49	49.34	0.1
TNP	52.6					

LBFM	57.41	320 eP	50 23.95	-0.8	PAG	0.98 272 eP	03 11.01	-0.1	N	13s	6.26um		
LGPM	57.00	319 eP	50 26.55	-0.8		S	03 24.30				iS	55 14.00	
NEW	58.55	329 eP	50 31.37	-1.0	CRM	1.26 191 ePc	03 14.83	-0.2	BHL	30.30 323 P	P	50 08.00	1.1
	1.1s	22.49nm		5.2mb	FDF	1.34 201 iPc	03 16.00	-0.2			PP	51 02.00	
FCC	58.66	349 eP	50 39.00	6.2X		S	03 33.10				S	55 12.00	
DPW	58.88	328 eP	50 34.54	-0.1	MVM	1.45 189 iPc	03 18.00	0.2	SHE	30.62 347 iPc	iPc	50 12.00	2.5
MCW	61.87	326 eP	50 54.74	-0.3		S	03 37.20			1.5s	110.00nm		5.5mb
YKA	67.21	341 eP	51 27.90	-1.6	BIM	1.52 195 ePc	03 18.95	0.1	Z	12s	3.00um		5.2mszX
	0.6s	14.10nm		5.3mb		S	03 38.70		N	12s	5.50um		
LIC	70.29	84 P	51 49.70	0.3	MGH	1.66 296 eP	03 21.20	0.4	E	12s	5.60um		
	0.7s	5.00nm		4.8mb		S.D. = 0.3 on	8 of 8 obs.				iS	55 19.00	
TIC	70.30	84 P	51 49.70	0.2					GKN	30.80 52 P	P	50 11.48	0.0
KIC	70.57	84 P	51 51.50	0.3		DEC 06, 1992 01h 43m 53.02±0.31s			DMN	30.98 54 P	P	50 13.92	0.7
	0.8s	10.00nm		5.0mb		10.865 N ± 5.6km	57.291 E ± 3.8km			1.1s	173.00nm		5.8mb
RES	73.70	355 eP	52 09.00	0.4		DEPTH = 10.0km (geophysicist)			LWI	31.19 247 iP+	iP+	50 16.00	0.9
BALM	77.42	333 eP	52 36.05	5.9X		5.3mb (81 obs.) 5.3msz (32 abs.)			KKN	31.20 53 P	P	50 15.44	0.3
FBA	80.95	336 eP	52 50.00	0.9		CARLSBERG RIDGE (421)			PKI	31.21 54 P	P	50 15.66	0.4
	0.9s	2.70nm		4.3mb		CENTROID. MOMENT TENSOR (HRV)			ERE	31.32 341 iP	iP	50 15.00	-0.8
		pP	52 55.80	18km		Data Used: GDSN			Z	15s	6.50um		5.4mszX
SLKM	80.99	331 (P)	52 54.49	5.1X		L.P.B.: 33S, 68C					iS	51 14.00	
CRP	82.07	332 eP	53 00.24	5.1X		Centroid Location:					iSS	55 28.00	
CP2	82.11	332 eP	53 00.75	5.3X		Origin Time 01:43:51.0 0.3							
BGL	82.18	332 (P)	53 01.05	5.4X		Lat 10.45N 0.03 Lon 56.88E 0.02			GUN	31.73 54 P	P	50 20.22	0.3
IMA	83.61	336 eP	53 04.10	1.1		Dep 15.0 FIX Half-duration 1.7			GAZ	31.83 329 iP	iP	50 22.50	2.3
	1.0s	3.70nm		4.5mb		Moment Tensor; Scale 10**17 Nm			CSS	32.42 322 eP	eP	50 27.00	1.6
SVW	83.70	331 eP	53 04.10	0.7		Mrr= 0.09 0.06 Mtt=-3.07 0.08			KSH	32.97 27 Pd	Pd	50 32.00	1.7
		pP	53 10.00	19km		Mff= 2.99 0.09 Mrt= 0.44 0.22				1.3s	150.00nm		5.8mb
GRF	86.43	41 eP	53 27.00	9.7X		Mrf=-1.42 0.27 Mtf=-1.69 0.07			Z	22s	9.90um		5.5msz
NAO	86.58	29 P	53 19.00	1.3		Principal Axes:			N	12s	5.40um		
	0.9s	4.00nm		4.6mb		T Val= 3.99 Plg=21 Azm= 75			E	16s	7.40um		
CLL	87.59	39 eP	53 35.00	12.2X		N -0.48 69 259					sP	50 41.00	
	2.0s	43.00nm				P -3.52 1 166					PP	51 44.00	
KHC	87.97	41 P	53 26.50	1.8		Best Double Couple:Mo=3.8*10**17					S	55 42.00	
	1.0s	3.50nm		4.6mb		NP1:Strike=212 Dip=75 Slip= 14					sS	56 00.00	
HFS	87.99	30 eP	53 24.60	0.1		NP2: 119 76 164			MAK	33.16 347 eP	eP	50 26.00	-5.7X
	0.3s	0.50nm		4.3mb	ARO	14.19 274 eP	47 14.80	-1.5	Z	18s	5.50um		5.3msz
GEC2	88.05	41 P	53 26.70	1.5	DHJN	14.98 298 eP	47 28.33	1.4	N	18s	7.50um		
	1.0s	2.66nm		4.5mb	KMTA	15.73 299 eP	47 28.67	-8.0X	E	18s	4.50um		
		e	53 36.90	32kmX	ABHA	15.87 299 eP	47 42.67	4.2X			iS	51 42.00	
		e	53 41.10		DHR	16.78 337 eP	47 47.80	-1.9			eSS	55 53.00	
BRG	88.19	39 eP	53 27.50	1.8		eS	50 44.00		FRU	35.25 22 iP	iP	50 53.00	3.2X
	1.3s	16.00nm		5.2mb	BOM	16.99 60 iPd	47 52.40	0.0		2.0s	260.00nm		5.8mb
PRU	88.58	40 eP	53 39.00	11.4X		iS	51 17.20				e	52 07.00	
		i	53 38.40	34kmX	RYD	17.11 325 eP	47 51.80	-2.2			e	52 24.00	
		e	19 58.00			eS	50 57.00				eS	56 30.00	
		eSn	20 15.00		POO	17.73 63 iPc	48 00.00	-1.8			eSS	58 40.00	
		Sg	20 22.10		AAE	18.34 266 P	48 09.30	-0.3	PYA	35.27 342 iP	iP	50 51.00	1.1
KSP	89.68	39 eP	53 43.00	10.2X	MJMA	18.74 324 iPc	48 13.87	-0.3		1.5s	130.00nm		5.6mb
BCAO	93.77	85 ePc	53 53.00	0.6	SHI	19.21 347 eP	48 18.00	-2.0	Z	20s	5.50um		5.3msz
	0.6s	6.00nm		5.2mb	QUE	21.23 24 eP	48 42.90	1.3	N	20s	5.00um		
		i	54 05.10	39kmX		eS	52 33.50		E	20s	2.50um		
WMQ	132.11	16 PKP	59 56.00	6.8X	HYB	21.61 70 ePd	48 47.30	1.8			iPPP	52 10.00	
GTA	138.75	6 ePKP	00 04.20	2.3X		1.4s 287.50nm		5.5mb			iS	56 24.00	
LZH	142.29	1 ePKP	00 03.50	-4.9X	NAI	23.68 241 iPc	49 08.50	2.5	ELL	35.69 321 eP	eP	50 56.00	2.2
XAN	144.11	354 ePKP	00 14.20	2.8X		1.0s 150.00nm		5.5mb	BCK	35.74 322 eP	eP	50 53.00	-0.3
ASPA	144.27	230 iPKPc	00 09.30	-2.7X	Z	16s 3.80um		5.0mszX	SOC	35.99 338 eP	eP	51 04.20	8.2X
	1.3s	11.80nm				iS	53 07.00				e	52 15.00	
GKN	144.69	31 PKP	00 12.20	-0.5	WAJH	24.80 311 eP	49 19.33	2.7			ePPP	52 36.00	
KKN	145.19	31 PKP	00 14.20	0.5	KER	25.16 340 iPd	49 22.00	1.8	LSA	36.67 54 P	P	51 03.70	1.2
	0.7s	21.00nm			TEH	25.34 349 eP	49 25.00	3.2X		1.4s	30.00nm		4.9mb
DMN	145.25	31 PKP	00 14.00	0.2	MAIO	25.40 4 iPd-	49 24.00	1.7	N	19s	5.12um		
	0.6s	31.00nm				eS	54 04.00			36.70 25 eP	eP	51 04.00	1.9
GUN	145.40	30 PKP	00 14.00	-0.2	AYN	26.78 315 eP	49 37.33	2.2	TLG	2.0s	75.00nm		5.1mb
PKI	145.44	31 PKP	00 14.00	-0.2	ASH	26.99 2 eP	49 38.00	1.1		Z	14s	1.60um	5.0mszX
	0.9s	26.00nm				e	50 27.00			N	14s	1.73um	
WB2	145.80	236 iPKPd	00 14.90	0.3		e	53 03.00		E	16s	3.00um		
	0.7s	6.60nm				e	54 16.00				e	52 31.00	
WRA	145.81	236 PKP	00 02.00	-12.6X	MDRJ	27.26 316 Pd	49 41.50	1.9			ePPP	52 45.00	
	2.1s	0.40nm			HQL	27.69 315 eP	49 45.33	2.0			e	53 17.00	
WHN	146.52	345 ePKP	00 18.50	3.0X	SHWJ	28.06 317 Pc	49 48.60	1.6			eS	56 53.00	
		pPKP	00 34.50		MBH	28.10 315 eP	49 48.10	0.9			eS	59 13.00	
WARB	147.81	219 ePKP	00 21.00	3.3X	KAT	28.23 358 eP	49 48.00	-0.1			eSS	59 37.00	
HYB	147.99	52 ePKP	00 16.20	-2.0		i	49 49.00		KHL	36.94 322 iP	iP	50 50.00	-14.2X
GBA	149.01	60 PKP	00 24.00	4.2X		e	50 34.00		ANN	38.00 337 eP	eP	51 13.00	0.1
KOD	150.45	66 ePKP	00 35.00	12.6X		e	50 45.00			Z	18s	2.50um	5.1msz
	S.D. = 1.0 on	79 of 122 obs.				e	53 04.00		N	16s	4.50um		
						iS	54 32.00				e	52 42.00	
						eSS	55 57.00				e	53 27.00	
						e	00 30.00				eS	57 03.00	
* DEC 06, 1992 01h 02m 52.92±2.59s					MASJ	28.79 319 Pd	49 55.10	1.8	IZM	38.36 321 eP	eP	51 17.00	0.9
15.998 N ±14.4km					TAB	28.82 342 eP	49 56.00	2.4	BCAO	38.91 264 iPc	iPc	51 20.20	-0.8
DEPTH = 25.1 ± 8.2 km					SALJ	28.99 320 Pd	49 56.90	1.7		0.7s	30.00nm		5.1mb
LEEWARD ISLANDS (92)					MML	29.45 320 eP	50 00.40	1.1			i	51 38.00	
ML 3.2 (FDF).					MMR	29.82 321 eP	50 03.80	1.1			i	52 18.00	
DEG	0.50 309 eP	03 02.75	-0.3		BAK	30.12 349 iPd	50 10.00	4.9X	ITU	39.07 325 eP	eP	51 28.00	6.1X
DOG	0.92 272 eP	03 10.17	0.0			Z	12s 5.12um	5.4mszX					

SIM	39.37	334	eP	51	26.00	1.7			2.2s	170.00nm	5.7mb		Z	21s	1.10um	4.9Msz					
	Z	20s	1.80um		4.9Msz				Z	20s	4.60um	5.4Msz		N	23s	1.10um					
			e	52	56.00						eS	54	23.00								
			eS	57	30.00						eS	59	31.00								
			eSS	00	10.00		CD2	47.37	58	eP	52	27.70	-1.7		E	20s	0.80um				
			eSSS	00	46.00			1.4s		39.00nm		5.3mb				e	53	16.60			
CIR	40.52	219	eP	51	36.70	2.5		Z	20s	2.53um	5.2Msz		KHC	52.58	325	eP	53	08.00	-1.1		
ALN	40.64	323	iP	51	36.76	1.8		N	16s	2.49um		35kmX		1.2s	12.00nm				4.7mb		
BDT	40.89	76	eP	51	39.00	1.7				pP	52	38.00		Z	20s	1.80um			5.1Msz		
	1.1s	70.70nm			5.3mb					PP	54	20.00		N	18s	0.80um					
CHG	40.95	74	eP	51	39.10	1.3				eS	59	18.00		E	18s	1.10um					
	1.2s	33.20nm			4.9mb		PRY	47.43	217	eP	52	29.50	-0.5			e	53	17.20			
PAIG	41.51	320	eP	51	41.20	-0.9			1.0s	20.00nm	5.2mb				e	53	30.00				
BUL	41.79	223	iPd	51	44.10	-0.6		UZH	47.62	329	eP	52	31.00	-0.1	WTTA	52.79	322	iPc	53	09.60	-1.2
NST	41.92	79	eP	51	53.90	8.2X			1.0s	32.00nm	5.4mb			1.2s	28.10nm				5.1mb		
WMO	42.06	33	Pc	51	49.00	2.4		Z	14s	1.50um	5.1MszX				i	53	19.80				
	1.5s	64.00nm			5.1mb			E	14s	1.30um					i	53	27.50				
	Z	16s	8.85um		5.7MszX					eS	59	28.00		PUL	52.80	343	(P)	53	10.00	-0.5	
	N	13s	4.39um				ELT	48.23	23	eP	04	00.00		Z	21s	3.00um			5.3Msz		
			pP	51	56.00	24kmX			2.0s	259.00nm	6.0mb			N	20s	2.60um					
			sP	52	00.00			Z	12s	1.00um	5.0MszX			E	22s	2.10um					
			PP	53	29.00					e	54	26.00				eS	00	40.00			
			PcP	53	44.00				N	13s	1.10um			OGA	52.97	322	iPd	53	12.50	0.2	
			ScP	57	32.00					iS	59	36.00		BRG	53.31	327	eP	53	13.70	-0.7	
			PcS	57	35.00			SEK	48.38	216	iPc	52	35.00	-2.5		1.0s	20.00nm			5.0mb	
			SS	01	06.00				0.8s	50.00nm	5.6mb			FUR	53.43	323	iPc	53	14.30	-1.0	
			ScS	01	49.00			PSZ	48.43	327	eP	52	36.20	-1.3		1.1s	61.00nm			5.5mb	
SOH	42.23	321	eP	51	48.84	0.8		BUD	48.64	326	e(P)	52	38.00	-1.0	MOY	53.93	32	eP	53	20.10	1.3
SRS	42.26	321	iP	51	49.20	1.0		LZH	48.93	51	eP	52	42.00	0.4		1.4s	84.00nm			5.6mb	
CFR	42.34	329	eP	51	50.00	1.3			1.6s	53.00nm	5.3mb		CLL	54.04	327	iPc	53	18.90	-0.8		
LIT																					

WHN	56.25	61 eP	53 36.20	0.0		Z	20s	2.90um	5.4msz		Z	20s	0.60um	5.3msz		
	Z	20s	3.38um	5.4msz				LR	23 50.00				LR	46 20.00		
	N	16s	1.00um			SSE	62.16	61 P	54 16.70	-0.4		S.D. = 1.4	on 184 of 211 obs.			
	E	19s	2.99um				1.2s	15.00nm	5.1mb							
		pP	53 45.50	30kmX		Z	22s	2.40um	5.3msz		&	DEC 06, 1992	02h 40m 50.80s			
		S	01 24.00			N	16s	1.40um				34.148 N	116.427 W			
HAU	56.33	321 eP	53 34.00	-2.5				S	02 40.00			DEPTH =	5.2km			
	0.7s	4.85nm	4.6mb		EPLA	62.74	309 eP	54 23.00	2.1			SOUTHERN CALIFORNIA	(43)			
	Z	23s	0.73um	4.7mszX	DL2	63.32	52 eP	54 22.00	-2.6			<PAS-P>. ML 3.2 (PAS), 3.0 (GS).				
WLF	57.12	323 P	53 40.00	-2.0			0.8s	70.00nm	5.9mb			Felt.				
		e	54 11.00			Z	20s	1.50um	5.2msz							
SMF	57.40	319 eP	53 42.10	-2.0		E	16s	1.40um			PEC	0.66	247 P	41 04.41	0.4	
	1.2s	23.80nm	5.1mb					eS	02 58.00		PLM	0.87	205 iPd	41 06.93	-1.2	
LBF	57.43	319 eP	53 42.40	-2.0		BOD	63.57	30 eP	54 23.00	-2.9			eS	41 18.62		
	1.0s	36.80nm	5.4mb				1.7s	49.00nm	5.4mb		SSK	1.05	274 eP	41 10.06	-1.1	
LOR	57.61	320 eP	53 43.70	-1.9		EKA	64.50	327 P	54 31.00	-1.1			eS	41 24.44		
	1.1s	51.55nm	5.5mb				0.7s	6.00nm	4.9mb		GSC	1.19	345 eP	41 12.43	-1.1	
Z	22s	0.43um	4.5msz		SNY	65.19	49 Pc	54 33.00	-3.7X				eS	41 29.50		
ENN	57.72	324 eP	53 46.00	-0.2		Z	20s	2.43um	5.4msz		GLA	1.73	129 ePnd	41 18.82	-2.8	
	0.9s	15.00nm	5.0mb		N	15s	0.86um				ISA	2.26	313 ePn	41 27.70	-1.8	
WTS	57.75	326 eP	53 48.00	1.6		E	16s	0.86um					ePg	41 31.90		
	0.8s	8.00nm	4.8mb					pP	54 45.20	42kmX	BCH	3.19	290 ePn	41 42.23	-0.4	
SSF	57.76	319 eP	53 44.60	-2.0				eS	03 14.50		MTUM	3.64	332 ePg	41 58.14	9.0	
	0.8s	31.95nm	5.4mb		DCN	66.25	324 eP	54 43.60	0.3		BONR	4.09	339 (Pn)	41 55.41	-0.2	
AVF	57.77	319 eP	53 44.40	-2.2	CN2	66.81	47 eP	54 46.00	-1.1		ARUT	4.37	33 ePg	42 10.48	11.0	
	0.9s	12.80nm	5.0mb			1.2s	83.00nm	5.8mb				10 obs. associated				
EBR	57.98	311 eP	53 55.00	6.8X		Z	23s	3.48um	5.5mszX				DEC 06, 1992	03h 44m 29.90± 0.16s		
BGF	58.01	319 eP	53 46.80	-1.6		N	15s	1.07um					37.810 N ± 3.6km	72.185 E ± 1.8km		
	0.7s	18.75nm	5.2mb		E	15s	0.99um						DEPTH = 127.5km (15 depth phases)			
DOU	58.22	323 P	53 48.40	-1.3				ePp	54 56.00	32kmX			5.5mb (114 obs.)			
	0.7s	30.00nm	5.5mb					ePP	57 17.00				TAJIKISTAN	(715)		
LPO	58.53	316 eP	53 50.60	-1.4				eS	03 40.00							
SNF	58.57	323 Pc	53 51.70	-0.4				eSS	07 58.00		KSH	3.40	60 P	45 23.00	0.5	
LSF	58.78	318 eP	53 52.20	-1.6		DAV	67.44	87 eP	54 53.00	1.4			S	46 04.30		
	1.0s	15.40nm	5.1mb		MDJ	69.86	46 eP	55 06.50	0.4		TLG	6.74	34 ePn	46 06.00	-1.7	
ECHE	58.79	310 eP	53 55.30	1.3		Z	25s	2.57um	5.4mszX				e	47 17.00		
HFS	58.79	336 eP	53 51.80	-1.8		N	14s	0.71um			OUE	8.75	211 eP	46 33.50	-1.6	
	0.4s	1.80nm	4.5mb		E	14s	0.89um						eS	48 07.80		
EGRA	58.91	313 eP	53 51.50	-3.2X				pP	55 15.00	27kmX	NDI	10.03	154 iPd	46 48.00	-3.8X	
LFf	58.91	316 eP	53 53.10	-1.6	YAK	72.24	28 eP	55 18.00	-2.1				0.5s	471.83nm	6.5mb X	
	1.0s	36.00nm	5.4mb			1.2s	120.00nm	5.9mb		MAIO	10.26	265 iPd	46 48.70	-6.3X		
BJI	59.36	50 eP	53 58.00	0.2		Z	20s	1.30um	5.2msz				0.8s	78.70nm	5.5mb	
	1.5s	52.00nm	5.4mb		N	20s	1.30um						eS	48 36.00		
Z	22s	4.31um	5.5msz		E	20s	0.90um			ASH	10.94	275 P	46 58.50	-5.4X		
	N	18s	2.42um					eS	04 39.00				0.7s	200.00nm	5.9mb	
		eS	02 10.00		TIK	73.98	18 eP	55 30.00	-0.1	KAT	12.55	281 iP+	47 20.00	-5.0X		
TIA	59.38	54 eP	53 56.80	-1.3		1.6s	39.00nm	5.2mb		WMQ	13.19	58 P	47 32.00	-1.3		
	1.8s	220.00nm	6.0mb		Z	14s	1.50um	5.4mszX				0.8s	29.00nm	4.8mb		
	Z	18s	1.80um	5.2msz				e	55 46.00				pP	47 39.00		
	N	15s	1.64um					e	58 18.00				S	49 56.50		
	E	15s	1.32um					ePPP	00 09.00				sS	50 08.00		
EVIA	59.77	308 eP	54 03.90	3.0X				eS	05 05.00		GKN	14.30	129 P	47 41.88	-5.9X	
ETOR	59.86	311 eP	54 03.00	1.5				eS	05 05.00		KKN	14.85	128 P	47 48.44	-6.4X	
SDF	60.12	347 eP	54 03.00	0.3	MTMJ	76.03	55 P	55 43.90	1.2		DMN	14.88	129 P	47 49.50	-5.6X	
NJ2	60.26	59 iPc	54 02.60	-1.6	DAG	76.31	47 eP	55 42.20	-1.2		PKI	15.09	129 P	47 51.64	-6.3X	
	N	16s	0.91um			0.9s	11.76nm	5.0mb		GUN	15.14	127 P	47 52.78	-5.8X		
		S	02 20.00		MAT	76.36	55 eP	55 44.00	-0.5				0.4s	299.00nm	6.0mb	
EGUA	60.29	306 eP	54 07.00	2.6		1.5s	36.11nm	5.2mb		BAK	17.48	285 iPd	48 26.00	-1.0		
NAO	60.34	336 P	54 02.30	-2.0	Z	20s	1.42um	5.3msz		LSA	17.70	112 Pd	48 28.80	-1.5		
	1.0s	8.20nm	4.8mb					eS	05 24.00				1.0s	25.00nm	4.5mb X	
ECOG	60.36	307 eP	54 07.00	2.0				eS	55 50.30	2.6	SHI	18.25	249 eP	48 33.00	-3.3X	
LDF	60.58	320 eP	54 03.90	-2.2	NIIJ	76.95	54 P	55 47.30	-0.9		ELT	18.27	28 iPd	48 33.00	-3.1X	
	0.9s	50.95nm	5.7mb		CHJJ	77.02	55 P	55 56.70	3.4X		SHE	18.45	286 iPd-	48 37.50	-0.7	
LPF	60.99	319 eP	54 06.80	-2.1	KAKJ	77.96	55 P	55 59.00	0.0				0.8s	240.00nm	5.6mb	
	1.0s	56.80nm	5.7mb		YSS	79.04	44 eP+						iS	51 54.50		
CIT	61.05	36 eP	54 09.00	-0.3		Z	19s	1.40um	5.3msz		POO	19.26	175 iPc	48 42.80	-4.2X	
PAB	61.34	309 iPc	54 13.00	1.4		N	19s	0.70um					1.0s	186.00nm	5.4mb	
		iS	02 32.00			E	19s	0.80um			TAB	20.38	279 iPc	49 01.00	2.5	
GUD	61.39	310 iPc	54 13.20	1.3				eS	56 07.90		SVE	20.50	342 iPd	48 58.00	-1.4	
KIC	61.41	271 P	54 11.50	-0.8	ASAJ	79.21	47 eP	56 07.70	7.7X				1.0s	140.00nm	5.3mb	
	1.2s	38.50nm	5.4mb		KUSJ	80.80	48 eP	56 11.90	3.4X		Z	12s	0.90um	4.4mszX		
BAG	61.55	77 eP	54 13.00	-0.4	WRA	81.74	112 P	56 12.90	-0.9		N	12s	0.60um			
		eS	02 44.00			0.7s	6.80nm	4.8mb			E	12s	0.40um			
EPRU	61.63	306 eP	54 16.60	3.1X	WB2	81.75	112 iPc	56 12.60	-1.3				i	49 20.70	119km	
TIC	61.64	272 P	54 13.20	-0.7		0.8s	12.40nm	5.0mb		KER	20.54	268 eP	48 59.00	-1.1		
LIC	61.72	271 P	54 13.60	-0.8	ASPA	82.31	116 iPd	56 15.20	-1.6		UER	20.67	41 iP	49 00.00	-1.0	
NRI	61.72	12 iPc	54 13.00	-0.5		0.5s	8.50nm	5.1mb					1.2s	122.00nm	5.2mb	
	2.0s	94.00nm	5.6mb		NVL	87.04	194 eP	56 41.00	1.5				e	49 30.00		
	Z	20s	8.10um	5.9msz		1.6s	39.00nm	5.4mb					eS	52 45.50		
	N	20s	2.20um		STKA	90.89	122 eP	57 07.90	9.4X				SS	53 20.00		
	E	19s	2.50um					eS	07 55.00		SHL	20.69	120 iPc	49 01.00	-0.6	
		e	56 38.00		BGMT	123.34	351 ePKP	02 55.30	3.0X				1.0s	100.00nm	5.2mb	
		eS	02 36.00		CNCB	126.66	257 ePKP	03 13.00	13.0X				iS	52 37.00		
		eSS	06 37.00		LPB	126.77	257 ePKP	03 06.00	5.9X		ARU	20.70	338 eP	49 00.00	-1.3	
		eSSS	09 17.00			Z	18s	1.72um	5.8msz				1.2s	700.00nm	5.9mb	
EJIF	61.75	306 iPc	54 16.50	2.2				LR	50 46.00				e	49 23.50	122km	
KEV	61.91	349 eP	54 12.00	-2.8	ZOBO	126.80	258 PKP	02 46.00	-14.4X							

06d 03h

			ePPP	49	40.00		EZN	35.49	288	iP	51	15.70	-0.1		0.9s	115.00nm		5.6mb				
			eS	52	45.00		ALN	35.50	290	eP	51	16.62	0.8		GRI	43.18	289	P	52	19.90	0.4	
GRO	20.83	294	iPd-	49	03.00	0.2	MTUR	35.63	297	ePd	51	18.00	0.9			1.1s	316.90nm		5.9mb			
	1.0s	1600.00nm				6.4mb	CMP	35.65	297	iPc	51	19.00	1.9		COP	43.19	314	iPd	52	20.00	0.8	
			iP	49	40.00		TIA	35.66	78	eP	51	18.00	0.7			0.7s	265.75nm		6.1mb			
			iS	52	47.00		COZ	36.13	297	ePd	51	22.50	1.2		RBL	43.43	301	Pd	52	22.00	0.5	
HYB	21.07	163	eP	49	04.00	-1.4	DRA	36.26	296	ePc	51	22.00	-0.2		TRI	43.43	300	eP	52	21.70	0.3	
			eS	53	54.00		APA	36.82	336	iPd	51	26.30	-0.3		MGR	43.45	291	Pd	52	22.00	0.4	
ERE	21.62	285	iP-	49	12.00	1.3	KAF	37.06	326	iP	51	28.80	0.1		WET	43.46	305	iPd	52	22.30	0.7	
GTA	21.62	77	Pc	49	11.60	0.8		0.5s	51.70nm				5.6mb			1.0s	70.00nm		5.3mb			
	0.8s	26.00nm				4.7mb	SRS	37.28	291	eP	51	31.46	0.6		KBA	43.47	302	iPd	52	22.30	0.4	
PYA	22.80	295	iPc	49	21.50	-0.6	UZH	37.31	303	eP	51	32.00	1.0			0.5s	19.80nm		5.1mb			
	1.0s	250.00nm				5.6mb		1.0s	70.00nm				5.4mb	SGO	43.52	292	P	52	23.20	1.1		
			eS	53	25.00								51	58.30	114kmX							
MOY	24.52	46	iPd	49	40.10	1.6	NUR	37.34	323	iP	51	31.20	0.2		BHG	43.67	303	iPd	52	23.90	0.6	
	1.4s	128.00nm				5.2mb		0.4s	111.40nm				6.0mb		0.9s	79.00nm		5.4mb				
GBA	24.56	168	P	49	38.70	-0.5	PAIG	37.46	289	eP	51	33.02	0.7		SOI	43.68	288	P	52	23.60	0.2	
			S	54	11.70		SOH	37.51	290	iP	51	33.30	0.4		LOF	43.91	333	iPc	52	24.29	-0.7	
SOC	25.18	294	iPc	49	46.00	1.2	KNT	37.78	291	iP	51	35.66	0.6		FVI	43.94	301	P	52	25.50	0.1	
	1.0s	270.00nm				5.7mb	VAY	37.99	291	iP	51	37.30	0.5		HOF	43.94	307	iPd	52	26.10	0.6	
LZH	25.30	84	eP	49	47.50	1.3		1.3s	123.40nm				5.6mb	MOX	44.07	307	iPd	52	27.20	0.7		
	1.4s	39.00nm				4.7mb	GRG	38.19	291	eP	51	38.94	0.4			1.1s	96.00nm		5.4mb			
			pP	50	14.80	131km	LIT	38.31	289	eP	51	39.70	0.2		NAO	44.09	322	P	52	25.80	-0.7	
ZAK	25.42	50	iPd	49	47.80	0.8	DL2	38.40	73	eP	51	41.60	1.4		TIK	44.20	22	iPd	52	27.00	-0.2	
	1.2s	120.00nm				5.3mb		0.8s	33.00nm				5.2mb		1.0s	90.00nm		5.4mb				
			e	50	25.00	187kmX	AGG	38.69	288	eP	51	42.62	0.0				iP	52	56.00	127km		
			eS	54	00.00		SKO	38.70	293	iPd	51	43.00	0.3				i	54	09.00			
IRK	26.65	47	eP	49	59.00	0.8		0.9s	78.00nm				5.5mb	RGS	44.42	325	eP	52	30.50	1.4		
CD2	26.87	95	eP	50	01.60	1.1	OJC	38.89	306	iP	51	44.40	0.2		AQU	44.43	295	P	52	30.30	0.7	
ANN	26.97	296	eP	50	00.00	-1.2		0.9s	257.00nm				6.0mb	GRF	44.45	306	iPd	52	31.20	1.6		
	0.9s	40.00nm				5.0mb	PSZ	38.96	302	ePd	51	45.90	1.0			1.1s	179.00nm		5.7mb			
KMI	28.83	107	eP	50	18.00	-0.4	FNA	38.99	291	eP	51	45.34	0.2				epP	53	19.10	224kmX		
MOS	29.27	319	iPd	50	21.00	-0.7	SDF	39.07	334	iP	51	45.60	0.2		ARV	44.48	297	P	52	30.70	0.8	
	1.3s	250.00nm				5.8mb	SNY	39.20	68	eP	51	46.50	-0.3		WTTA	44.58	302	iPd	52	30.50	-0.4	
			epP	50	46.00	114kmX	BUD	39.59	302	ePc	51	50.20	0.3			0.9s	91.50nm		5.5mb			
			e	51	21.00		KEV	39.95	337	iP	51	52.90	0.3				i	54	11.80	559kmX		
BTO	29.30	73	eP	50	22.40	0.1		0.8s	80.70nm				5.5mb	WATA	44.61	302	iPd	52	30.50	-0.5		
OBN	29.57	317	iPd	50	23.80	-0.5	SRO	40.03	302	eP	51	54.80	1.3		FUR	44.66	304	iPd	52	32.20	0.9	
	0.8s	210.00nm				5.9mb	IGT	40.06	289	eP	51	53.66	-0.3			1.1s	231.00nm		5.8mb			
			e	51	07.00	214kmX	SSE	40.58	84	P	51	59.50	1.2		ASS	44.78	296	P	52	33.80	1.4	
			ePPP	51	30.00			1.0s	21.00nm				4.8mb	SQTA	44.88	302	iPc	52	32.20	-0.9		
			(S)	55	06.00		ZST	40.80	303	iP	52	00.60	0.7				id	52	32.60	1kmX		
KAS	29.66	289	iPd	50	25.80	0.4							16	21.40								
XAN	29.86	86	P	50	26.70	-0.5	CTK1	40.81	335	iPd	51	59.75	0.0		MUD	44.99	316	iPd	52	34.10	0.5	
HRI	29.88	272	iPd	50	27.50	0.1							52	03.00	1.4							
CHG	30.05	122	eP	50	29.50	0.5	VRAC	41.02	305	iPd	52	03.00	1.4			0.9s	44.00nm		5.2mb			
			e	50	58.20	134km		1.0s	351.10nm				6.0mb	OGA	45.07	302	iPd	52	34.40	-0.3		
MML	30.42	271	iPd	50	32.40	0.3	KSP	41.09	307	iPd	52	02.80	0.6			0.6s	37.00nm		5.3mb			
HHC	30.44	72	P	50	32.60	0.3		0.8s	80.00nm				5.5mb	SFI	45.15	298	P	52	36.50	1.4		
	1.4s	19.00nm				4.6mb							52	31.00	124km	CRE	45.15	297	P	52	35.70	0.4
GYA	31.15	101	P	50	39.00	0.3	SOP	41.22	302	iP	52	04.40	1.1		FIR	45.60	298	eP	52	40.00	1.3	
	1.0s	14.00nm				4.7mb	VKA	41.31	303	iPd	52	04.60	0.5		SAL	45.68	300	P	52	39.80	0.6	
BDT	31.20	124	eP	50	40.00	1.0	BSD	41.78	313	iPd	52	07.00	-0.8		OSS	45.70	302	iPd	52	39.70	0.0	
	0.9s	18.20nm				4.8mb		0.7s	85.00nm				5.6mb	MOL	45.72	324	iPd	52	39.52	0.2		
CSS	31.26	277	eP	50	39.60	0.1	ZAG	41.89	299	eP	52	09.50	0.7		BDI	45.99	298	P	52	42.10	0.2	
TIY	31.65	78	eP	50	42.80	-0.1	PTJ	41.89	300	iPd	52	09.50	0.5		PII	46.13	298	P	52	42.60	-0.2	
SAGI	31.85	268	eP	50	44.80	0.1	IPM	42.27	134	ePc	52	12.70	0.5		TNS	46.13	307	iPd	52	43.30	0.4	
CIT	32.11	50	eP	50	47.00	0.3	PRU	42.28	306	iPd	52	12.90	0.9		VDL	46.20	302	iPd	52	43.50	-0.1	
BCK	32.75	282	eP	50	50.00	-2.5		1.0s	68.10nm				5.3mb	LLS	46.43	302	ePd	52	45.10	-0.4		
NRI	32.80	10	iPd-	50	52.50	0.0							52	41.70	127km	SLE	46.57	304	ePd	52	46.20	-0.2
	1.0s	195.00nm				5.8mb							53	06.80		BOB	46.62	299	P	52	48.00	1.2
			e	51	22.00	136km	YAK	42.37	36	iPd-	52	11.60	-0.9		HOFF	46.68	305	P	52	47.99	0.9	
			e	51	35.00			1.0s	237.00nm				5.9mb	TMA	46.69	301	iPd	52	46.80	-0.7		
			e	52	08.00								52	36.00	104kmX	ZLA	46.70	303	ePd	52	46.90	-0.5
			e	52	22.00								54	06.00		SRBF	46.76	305	P	52	48.41	0.7
			e	53	34.00								58	24.00		LANF	46.77	305	P	52	48.58	0.6
			e	55	51.00		VBY	42.44	299	iPd	52	14.50	1.1		VAI	46.81	301	P	52	47.30	-0.9	
KHL	33.37	284	iP	50	43.00	-14.9X	BRG	42.57	307	iPd	52	15.50	1.2		WIT	46.81	311	eP	52	49.00	0.9	
ELL	33.45	281	eP	50	59.00	0.4		1.0s	160.00nm				5.7mb	WTS	46.86	310	iPd	52	49.30	0.8		
BOD	33.84	40	eP	51	00.20	-1.4							54	00.80	603kmX							
	1.1s	76.00nm				5.4mb	HFS	42.63	321	eP	52	14.10	-0.6			0.7s	107.00nm		5.7mb			
CLI	34.01	299	ePd	51	04.00	0.8		0.6s	199.20nm				6.0mb	FEL	46.87	304	P	52	48.58	-0.2		
BJI	34.04	72	eP	51	04.00	0.5	Z	17s	97.00um				6.8mszX	STR	46.88	305	P	52	49.51	0.8		
	0.9s	9.00nm				4.5mb			LR	08	19.00			CDF	47.23	305	P	52	51.39	-0.3		
BRD	34.21	298	eP	51	04.00	-0.9	BRNL	42.80	310	eP	52	16.00	-0.2		BBS	47.29	303	P	52	51.56	-0.5	
MNK	34.34	313	eP	51	05.00	-0.8	BRN	42.90	310	eP	52	17.50	0.6		PCP	47.30	299	P	52	51.45	-0.7	
	1.0s	304.00nm				6.0mb	MDJ	42.95	62	eP	52	17.80	0.4		ORX	47.41	301	P	52	51.49	-1.6	
PUL	34.41	323	(P)	51	06.00	-0.4	GEC2	42.96	304	P												

WLF	47.69	307	iPd	52	56.00	1.0	EL0	52.05	317	eP	53	27.30	-0.9	PMR	75.43	19	ePd	56	00.22	-0.6
LOMF	47.77	303	P	52	55.22	-0.6	EAU	52.06	316	eP	53	27.50	-0.7		0.7s	29.33nm			5.2mb	
ROB	47.83	299	P	52	55.48	-0.8	ASAJ	52.10	59	eP	53	27.80	-0.9				(pP)	56	31.63	125km
IMI	47.92	299	P	52	57.08	0.1	FLN	52.13	307	iPd	53	28.20	-0.7	TOA	75.72	18	iPd	56	04.20	1.6
HAU	47.93	304	iPd	52	57.00	0.0		0.7s	58.65nm			5.6mb			0.8s	162.80nm			5.9mb	
	0.9s	72.75nm			5.4mb		LPO	52.28	301	iPd	53	30.10	0.0	KIC	75.80	267	Pd	56	03.20	-0.5
EMS	48.01	302	iPd	52	57.80	0.0		0.8s	32.50nm			5.3mb		TIC	75.85	267	Pd	56	03.70	-0.3
LSD	48.01	301	P	52	57.63	-0.3	YAMJ	52.33	67	P	53	30.30	-0.2	LIC	76.11	267	Pd	56	05.10	-0.3
RSP	48.02	300	P	52	55.57	-2.2	EAB	52.46	317	iPd	53	30.40	-0.8	KLU	76.31	18	ePd	56	05.79	-0.2
BHB	48.10	300	P	52	56.35	-2.0		0.7s	62.00nm			5.6mb		BALM	77.55	16	ePd	56	12.82	0.0
VITF	48.12	305	P	52	58.62	0.2	GRR	52.48	306	iPd	53	30.80	-0.7	KDC	77.69	23	ePd	56	13.56	0.2
SAOF	48.13	299	P	52	59.12	0.6		0.8s	123.60nm			5.9mb			0.9s	33.04nm			5.1mb	
ENR	48.16	299	P	52	58.08	-0.8	HAE	52.49	311	ePd	53	30.70	-0.8	YKA	79.89	3	eP	56	25.70	0.4
DOI	48.20	300	P	52	57.70	-1.5	LFF	52.50	302	iPd	53	31.80	0.1		0.5s	37.60nm			5.4mb	
AUTN	48.22	299	P	52	50.10	0.6		0.8s	74.70nm			5.6mb		FCC	83.11	353	eP	56	43.50	1.4
STV	48.22	299	P	52	58.31	-1.0	MFF	52.56	304	iPd	53	31.40	-0.7	ASPA	84.24	126	eP	56	51.10	2.8X
SBF	48.25	299	P	52	59.84	0.3		0.8s	41.35nm			5.4mb			0.7s	3.60nm			4.4mb X	
LPG	48.28	301	iPd	53	00.20	0.2	GRBF	52.65	299	P	53	32.41	-0.5	ULM	91.69	352	eP	57	27.00	3.4X
	0.7s	53.80nm			5.4mb		LPF	52.70	306	iPd	53	32.20	-0.9	EEO	92.07	341	eP	57	29.50	4.0X
LPL	48.28	301	iPd	53	00.30	0.3		0.6s	17.75nm			5.1mb		SES	92.13	2	iPd	57	26.60	0.9
	0.9s	129.05nm			5.7mb		HTR	52.91	312	iPd	53	33.90	-0.6	NEW	93.91	6	ePc	57	35.17	1.2
PZZ	48.30	300	P	52	58.08	-1.9	SALF	52.92	299	P	53	33.79	-1.1		0.8s	33.71nm			5.7mb	
RSL	48.31	301	P	53	00.28	0.2	HCG	53.07	312	iPd	53	35.00	-0.8			eP	58	08.42	128km	
AURF	48.32	299	P	53	00.60	0.5	HO0J	53.13	61	eP	53	35.50	-0.7	RMW	94.19	9	eP	57	36.20	0.8
TOUF	48.34	299	P	53	00.94	0.6	YLL	53.14	313	ePd	53	35.50	-0.7	DPW	94.20	7	ePd	57	36.26	0.9
RRL	48.41	300	P	53	00.79	-0.1	WME	53.15	313	eP	53	35.60	-0.7			eP	58	09.31	127km	
MVIF	48.43	299	P	53	01.44	0.4		0.6s	51.00nm			5.6mb		LRM	96.64	3	eP	57	47.70	0.9
BNI	48.45	300	Pd	53	01.10	0.0	YRE	53.34	313	eP	53	36.90	-0.7			e	58	21.10	129km	
SURF	48.51	300	P	53	02.18	0.5	EPF	53.41	300	iPd	53	37.40	-1.0	RSSD	98.38	357	eP	57	55.69	1.1
DOU	48.59	307	Pd	53	02.90	1.0		0.9s	23.25nm			5.1mb			1.1s	13.26nm			5.4mb	
	1.0s	166.70nm			5.8mb		ENSF	53.50	300	P	53	39.32	0.2	SIV	133.56	285	ePKP	03	38.00	4.8X
CALN	48.66	299	P	53	02.76	0.0	YRH	53.50	313	eP	53	38.20	-0.6	ZOBO	139.07	291	ePKP	03	41.00	-3.3X
SNF	48.69	308	iPd	53	03.04	0.3	DAG	53.77	343	iPc	53	40.20	-0.4	LPB	139.20	290	ePKP	03	46.00	1.7
FRF	48.88	299	iPd	53	04.30	0.0		0.9s	94.96nm			5.7mb		CNCB	139.29	290	PKP	03	46.00	1.4
	0.8s	91.90nm			5.6mb		KUSJ	53.86	60	eP	53	31.60	-10.0X	MRA	145.35	266	ePKPd	03	55.00	1.0
GRN	49.03	301	P	53	05.49	0.0	EBR	54.10	297	eP	53	43.00	-0.5		S.D. = 0.8	on 310 of 329 obs.				
LMR	49.04	298	iPd	53	05.40	-0.1	DLF	54.46	314	iPd	53	45.20	-0.7							
	0.7s	19.05nm			5.0mb			0.9s	68.00nm			5.6mb		? DEC 06, 1992 03h 56m 36.53±1.16s						
LRG	49.11	299	iPd	53	06.20	0.2	DMU	54.50	314	iPd	53	45.60	-0.6		16.837 S ±42.9km	173.576 W ±30.0km				
	0.9s	66.50nm			5.5mb			0.8s	87.00nm			5.7mb		DEPTH = 33.0km (normol)					(173)	
LBF	49.74	304	iPd	53	10.20	-0.7	ECP	54.71	312	iPd	53	45.90	-1.8							
	0.8s	26.85nm			5.1mb			0.7s	165.00nm			6.1mb		DZM	19.54	251	iPc	01	05.30	0.7
LOR	49.74	304	iPd	53	10.20	-0.7	DCN	54.87	314	iPd	53	48.40	-0.5	STKA	43.19	241	iPd	04	35.20	-1.0
	0.9s	37.00nm			5.2mb			0.8s	146.00nm			6.0mb		ASPA	49.52	253	iPc	05	25.60	-0.8
SSB	49.83	301	P	53	11.77	0.2	CPZ	54.88	310	eP	53	48.00	-1.0		0.7s	28.20nm			5.4mb	
SMF	49.92	303	iPd	53	12.00	-0.2	ECB	54.89	313	eP	53	47.30	-1.7			i	05	36.20		
	1.0s	106.80nm			5.7mb			0.8s	156.00nm			6.0mb		MAT	69.92	320	(P)	07	46.00	-0.6
SSF	50.03	304	iPd	53	12.70	-0.3	ECRI	55.52	300	iPd	53	53.97	0.2	LRM	83.25	38	eP	08	59.30	-2.1
	1.0s	63.40nm			5.4mb		ETOR	55.61	296	iPd	53	54.87	0.4	BJI	86.33	314	eP	09	21.50	4.9X
PLDF	50.26	302	P	53	14.66	-0.2	EVIA	55.89	298	iPd	53	55.90	-0.6		1.5s	29.00nm			5.3mb	
AGO	50.56	303	P	53	17.29	0.2	GUD	57.08	296	iPd	54	04.88	-0.1	SES	86.47	35	eP	09	16.00	-1.1
BGF	50.60	303	iPd	53	17.00	-0.4	ENHUE	57.42	295	iPd	54	07.76	-0.1	YKA	91.48	23	eP	09	42.20	1.8
	0.9s	45.85nm			5.3mb		ENIJ	57.57	294	eP	54	07.80	-0.6		1.3s	1.30nm			4.2mb	
LBL	50.72	302	P	53	18.64	0.2	PAB	58.01	298	iPd	54	10.50	-1.0	OJC	145.00	345	ePKP	16	12.80	0.8
PYM	50.73	302	P	53	18.34	-0.1	EBAN	58.20	296	iPd	54	12.39	-0.3	KSP	145.16	349	iPKPc	16	13.00	0.8
MAF	50.89	303	iPd	53	19.80	0.2	ECOG	58.42	295	eP	54	13.16	-1.3	CLL	145.21	353	iPKPd	16	13.00	0.7
	1.0s	200.00nm			5.9mb		EMON	58.45	303	eP	54	13.49	-0.9		1.7s	41.00nm				
TCF	51.10	303	iPd	53	21.30	0.1	EGUA	58.61	294	eP	54	14.02	-1.6			e	16	21.00		
	1.1s	138.70nm			5.7mb		ERUA	58.75	302	eP	54	16.19	-0.3	BRG	145.51	352	iPKP	16	13.40	0.6
YSS	51.26	56	ePd	53	22.00	-0.3	ELUQ	58.80	295	iPd	54	16.28	-0.7		1.4s	19.00nm				
	0.9s	30.00nm			5.2mb		ELUA	59.00	299	eP	54	18.33	0.0	MOX	146.02	354	ePKP	16	16.00	2.3X
							BCAO	59.01	250	iPd	54	17.30	-1.3	PRU	146.29	351	PKPd	16	16.70	2.6X
EDR	51.32	317	eP	53	22.20	-0.5		0.7s	18.00nm			5.2mb				e	16	34.60		
LSF	51.57	303	iPd	53	24.20	-0.5			i	54	26.00	29kmX		GRF	147.00	354	ePKP	16	18.70	3.4X
	1.1s	90.35nm			5.5mb				i	54	46.70		KHC	147.27	351	ePKP	16	19.00	3.2X	
ESY	51.58	316	iPd	53	23.90	-0.7			i	55	23.70				1.0s	3.50nm				
	1.0s	88.00nm			5.6mb		EHOR	59.39	296	iPc	54	20.42	-0.5			e	16	31.50		
MAT	51.60	70	eP	53	23.00	-2.1	EPRU	59.75	295	eP	54	22.30	-1.2	GEC2	147.53	351	PKP	16	19.80	3.5X
	0.8s	5.97nm			4.5mb		EJIF	60.15	295	eP	54	24.90	-1.3		0.8s	2.69nm				
CAF	51.61	302	iPd	53	25.40	0.3	EVAL	60.56	296	eP	54	28.11	-0.8	FLN	147.66	9	ePKP	16	18.70	2.4X
	0.8s	46.35nm			5.4mb		IFR	61.26	292	iPc	54	34.00	0.1		0.8s	7.80nm				
EDU	51.66	317	iPd	53	24.50	-0.7	AVE	63.04	292	iP	54	45.00	-0.5	LDF	147.88	8	ePKP	16	19.40	2.7X
	1.1s	93.00nm			5.6mb		BRW	65.79	15	ePc	55	02.68	-0.1	GRR	147.97	9	ePKP	16	19.50	2.7X
EBL	51.85	316	eP	53	25.90	-0.8	RES	67.46	356	eP	55	14.00	0.8		0.7s	5.75nm				
	0.8s	54.00nm			5.5mb		IMA	70.59	18	iPd	55	32.12	-0.6	HAU	148.92	0	ePKP	16	22.70	4.3X
RJF	51.86	302	iPd	53	27.20	0.2		0.5s	10.24nm			4.9mb			0.7s	4.20nm				
	0.8s	31.45nm			5.2mb				ePp	56	00.50	113kmX		LOR	149.58	3	ePKP	16	24.20	4.7X

06d 04h

BCAO 162.88 225 ePKPc 16 51.00 13.9X
0.5s 3.00nm

S.D. = 1.3 on 11 of 27 obs.

? DEC 06, 1992 04h 38m 09.64±6.18s
31.692 S ±36.1km 72.120 W ±38.1km
DEPTH = 33.0km (normol)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.58	144	iP+	38	35.99	0.0
JACH	1.63	128	iP+	38	36.59	0.1
LCCH	1.84	166	iP+	38	39.71	0.3
PEL	1.89	140	iPd	38	40.38	0.2
SAN	2.14	145	eP	38	42.98	-0.8
TACH	2.19	153	iP	38	45.27	0.8
FCH	2.25	137	iP	38	45.58	0.0
LNV	2.33	165	iP+	38	46.01	-0.5
PCH	2.35	145	eP	38	46.81	-0.1
MRA	5.49	99	e(P)	39	31.20	0.0

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

& DEC 06, 1992 05h 36m 54.46s
58.546 N 153.708 W
DEPTH = 70.2km
KODIAK ISLAND REGION (13)
<AEIC>.

CDD	0.39	5	eP	37	05.50	-1.0
SYI	0.69	84	eP	37	08.52	-1.0
			eS	37	19.68	
MCNL	0.72	333	eP	37	08.86	-1.0
AUI	0.80	10	eP	37	09.77	-1.0
			eS	37	22.14	
			eS	37	22.20	
			eS	37	22.32	

AUH	0.83	9	eP	37	10.12	-1.1
AUP	0.83	10	eP	37	10.31	-0.9
AUE	0.83	12	iP	37	10.45	-0.7
AUW	0.84	8	iP	37	10.34	-0.8
AUL	0.85	9	eP	37	10.50	-0.9
KDC	1.03	141	P	37	12.80	-0.7
OPT	1.14	12	iP	37	14.01	-1.0
			eS	37	29.13	

PDB	1.27	349	eP	37	15.20	-1.5
			eS	37	31.41	
XLV	1.37	48	eP	37	17.03	-1.1
INE	1.56	12	eP	37	19.07	-1.7
			eS	37	38.20	

INW	1.55	11	eP	37	19.12	-1.6
			eS	37	38.16	
ILIM	1.59	14	eP	37	19.34	-1.7
RS1	1.98	14	eP	37	25.06	-1.6
			eS	37	49.31	

RS2	1.98	14	eP	37	25.14	-1.5
			eS	37	50.09	
RSO	1.98	14	eP	37	25.11	-1.5
			eS	37	49.81	

RDW	2.00	13	eP	37	25.45	-1.4
			eS	37	49.78	
REF	2.02	14	eP	37	25.38	-1.7
			eS	37	50.41	

NCT	2.06	11	eP	37	26.23	-1.4
DFR	2.12	14	eP	37	26.88	-1.5
NKA	2.54	29	eP	37	33.62	-0.5
SLKM	2.65	41	eP	37	33.08	-2.7

SEW	2.68	53	eP	37	32.86	-3.3
SVW	2.75	340	eP	37	35.20	-1.9
CKL	2.75	14	eP	37	35.50	-1.7
CKT	2.77	15	eP	37	35.74	-1.7
SPU	2.77	17	eP	37	35.64	-1.9

CKN	2.79	15	eP	37	37.30	-0.5
BGL	2.81	13	eP	37	36.66	-1.3
CP2	2.83	15	eP	37	36.79	-1.6
CGLM	2.90	16	eP	37	37.52	-1.8
MPA	2.95	47	eP	37	37.77	-2.1

NCG	2.97	15	eP	37	38.51	-1.8
SUA	3.28	26	eP	37	42.72	-2.0
PTE	3.32	44	eP	37	42.05	-3.0
PMS	3.42	36	P	37	44.00	-2.5
KNIM	3.54	57	eP	37	44.68	-3.6

SKT	3.61	17	eP	37	47.25	-2.0
KNK	3.90	40	eP	37	49.61	-3.6
GHO	4.02	34	P	37	52.70	-2.3
GLI	4.09	52	eP	37	51.40	-4.4
HIN	4.12	60	eP	37	52.64	-3.7
SML	4.23	37	eP	37	54.46	-3.5

FID	4.28	56	eP	37	53.70	-4.9
CVA	4.52	60	eP	37	57.46	-4.4
VLZ	4.53	52	eP	37	58.17	-3.9
KLU	4.90	50	eP	38	03.08	-4.2
RAGM	4.96	64	eP	38	04.05	-4.1

51 obs. associated

? DEC 06, 1992 05h 39m 22.15±3.92s
31.442 N ±31.4km 66.108 W ±27.8km
DEPTH = 10.0km (geophysicist)
NORTH ATLANTIC OCEAN (402)
mbLg 3.9 (GS).

LVNJ	11.67	326	ePn	42	12.62	1.0
CEH	11.69	296	ePn	42	10.54	-1.4
			ePg	42	13.96	
			(S)	44	18.04	

CVL	12.07	306	eP	42	18.81	1.7
			(S)	44	28.59	
SGS	12.31	282	ePn	42	21.27	1.0
			eS	44	25.24	

LHS	12.71	288	ePn	42	24.05	-1.6
JSC	13.05	287	ePn	42	28.24	-1.9
			ePg	42	32.69	
			eS	44	50.09	

BLA	13.15	300	ePn	42	31.46	-0.1
			eLg	45	05.62	
NAV	13.46	300	ePn	42	35.88	0.2
			ePg	42	40.24	
			eS	45	02.27	

PRM	13.93	285	ePn	42	40.27	-1.6
			eP*	42	42.62	
			ePg	42	44.89	
LMN	14.42	4	eP	42	46.90	-1.4
TKL	15.32	291	eP	43	00.98	1.0

EEO	18.18	330	eP	43	43.50	7.4X
ELC	19.93	293	(P)	43	58.71	1.7
FVM	21.00	295	eP	44	09.75	1.7
			e	44	21.02	
			(S)	48	02.10	

OLY	21.52	288	(P)	44	12.68	-0.7
MIAR	23.22	285	(P)	44	30.63	0.4
UYO	23.95	284	iPd	44	42.30	5.0X

S.D. = 1.4 on 15 of 17 obs.

& DEC 06, 1992 05h 40m 19.30s
47.469 N 128.865 W
DEPTH = 10.0km (geophysicist)
3.0mb (1 obs.)
OFF COAST OF WASHINGTON (26)
<PGC-P>. ML 3.3 (PGC).

EDB	2.67	25	P	41	01.61	-1.5
OZB	2.70	55	P	41	02.76	-0.9
GDR	2.98	38	P	41	06.49	-0.9
			S	41	41.58	

PFB	3.17	68	P	41	08.63	-1.5
MGB	3.18	60	P	41	09.18	-1.3
			S	41	46.40	
CBB	3.46	41	P	41	13.78	-0.4
			S	41	53.39	

PGC	3.82	70	P	41	17.83	-1.5
SHB	3.94	55	P	41	20.65	-0.6
			S	42	06.72	
HNB	4.56	64	P	41	28.93	-1.0
			S	42	22.40	

YKA	17.07	23	eP	44	20.70	1.5
	0.8s	1.10nm			3.0mb	

10 obs. associated

* DEC 06, 1992 05h 58m 10.15±0.99s
3.509 S ±13.7km 145.476 E ±17.2km
DEPTH = 33.0km (normol)
5.0mb (3 obs.)
NEAR N COAST OF NEW GUINEA, PNG.(200)

WWKK	1.85	266	iPc	58	40.70	0.5
PMG	6.09	164	eP	59	39.00	-1.3
	0.9s	30.25nm			5.0mb X	
ASPA	22.95	208	iPc	03	14.50	1.7
	0.8s	12.40nm			4.5mb	

STKA	28.45	187	eP	04	09.50	5.3X
GUN	65.25	303	P	08	51.72	0.2
	1.0s	26.00nm			5.3mb X	
PKI	65.53	302	P	08	52.42	-1.0

KKN	65.71	302	P	08	53.60	-0.8
	0.9s	16.00nm			5.1mb	
DMN	65.80	302	P	08	54.36	-0.7
	1.0s	28.00nm			5.3mb X	
GKN	66.32	303	P	08	57.38	-0.8
	1.0s	18.00nm			5.1mb	

YKA	97.68	27	eP	11	44.70	2.1
	0.4s	0.10nm			3.7mb X	
KIC	150.20	277	PKP	18	00.00	4.9X
TIC	150.45	277	PKP	18	00.70	5.2X
LIC	150.49	276	PKP	18	00.60	5.1X

S.D. = 1.4 on 9 of 13 obs.

? DEC 06, 1992 06h 33m 00.48±3.00s
6.138 N ±28.4km 82.707 W ±16.6km
DEPTH = 10.0km (geophysicist)
3.4mb (1 obs.)
SOUTH OF PANAMA (83)

DVD	2.30	6	iPd	33	38.89	-0.1
			eS	34	05.76	
BRU	2.66	3	iPc	33	44.61	0.1
UPA	4.23	48	ePd	34	06.83	0.4
			iS	34	55.09	

ECO	4.38	43	ePc	34	08.11	-0.5
YKA	60.92	344	eP	43	15.60	0.0
	0.6s	0.20nm			3.4mb	

S.D. = 0.5 on 5 of 5 obs.

DEC 06, 1992 06h 56m 52.85±0.36s
39.743 N ±4.6km 143.584 E ±5.4km
DEPTH = 27.7km (6 depth phases)
5.1mb (59 obs.) 4.7MsZ (4 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

OFUJ	1.62	247	iP+	57	20.70	0.7
			S	57	40.40	
AOMJ	2.59	289	P	57	35.30	1.5
HOOJ	2.65	355	P	57	33.90	-0.7
			eS	58	05.10	

YAMJ	3.18	242	iP+	57	42.70	0.6
MRRJ	3.28	325	eP	57	44.20	0.6
			eS	58	25.00	
KUSJ	3.46	14	P	57	43.60	-2.5
			eS	58	22.70	

NIIJ	4.38	237	P	57	59.30	0.1
ASAJ	4.43	351	eP	57	59.20	-0.7
KAKJ	4.44	218	P	57	57.60	-2.5
			S	58	47.20	
CHJJ	5.17	226	P	58	09.10	-1.4
			S	59	06.70	

MAT	5.31	235	iPc	58	12.70	0.4
	0.8s	158.21nm			5.6mb	
			eS	59	16.00	
MTMJ	5.54	237	P	58	16.10	0.4
IIDJ	6.19	228	P	58	25.30	0.4

KUR	6.33	29	eP	58	24.00	-2.7
	0.6s	120.00nm			5.9	

Z 16s	1.18um	Z 14s	2.61um	5.1MszX	MAIO	63.93	297	eP	07 31.00	3X			
N 12s	1.53um	E 14s	1.11um		DZM	65.09	157	iPc	07 33.70	5			
	eS		pP	03 38.60	MOS	66.09	324	eP	07 51.00	11 8X			
SSE	20.15 252 P	01 24.20	-3.4X	sP									
	1.0s	13.00nm	4.2mb	S									
Z 20s	1.10um	KMI	37.10 259 Pc	04 03.00	0.1	KAF	66.68	333 iP	07 42.20	-0.7			
N 13s	1.80um		1.0s	40.00nm	5.2mb		0.9s	15.60nm		5.1mb			
E 13s	0.70um		Z 16s	1.20um	4.8MszX	OBN	66.94	323 ePc	07 44.00	-0.6			
	pP	01 33.20	34km				1.0s	17.00nm		5.1mb			
BJI	21.01 280 eP	01 33.00	-3.4X	0.90um			Z 16s	1.90um		5.4MszX			
	1.5s	86.00nm	4.9mb	pP	04 11.00	27km	N 14s	1.00um					
Z 16s	1.46um		4.5MszX	eS	09 52.00		E 16s	1.00um					
N 14s	1.23um	ELT	40.61 309 iPc	04 32.00	0.5	NUR	68.36	332 iP	07 52.90	-0.5			
TJA	21.13 269 Pd	01 35.30	-2.4	1.8s	62.00nm		0.7s	11.70nm		5.1mb			
	1.2s	100.00nm	5.1mb	Z 14s	1.20um	4.9MszX	PYA	70.15	311 eP	08 05.00	0.2		
Z 15s	4.07um		4.9MszX	E 13s	1.20um		LRM	71.03	46 eP	08 10.70	0.3		
N 14s	2.79um				e		STKA	71.28	182 eP	08 11.00	-0.5		
E 14s	1.93um				eS		ERE	71.58	307 iP	08 15.00	1.5		
	sP	01 49.00		WMQ	41.21 295 iPc	04 38.00				18 04.00			
NJ2	21.41 257 iPc	01 38.40	-2.1		0.7s	34.00nm	MNK	71.75	326 eP	08 12.00	-2.1		
	1.0s	23.00nm	4.6mb	Z 15s	1.30um	4.9MszX	HFS	72.31	336 eP	08 16.90	-0.5		
N 15s	1.39um			N 11s	0.67um			1.1s	21.70nm		5.1mb		
E 12s	1.34um				pP	04 45.50		Z 17s	455.00um		7.0MszX		
YAK	23.85 344 iPc+	02 00.40	-3.9X		sP	04 49.00	NAO	72.62	338 P	36 05.00			
	0.9s	77.00nm	5.2mb		PP	06 16.50		0.9s	12.20nm		4.9mb		
Z 17s	0.80um		4.3MszX		PcP	06 35.00	ULM	76.31	35 eP	08 43.00	2.4		
N 17s	1.00um				ScP	10 25.00	OJC	77.73	327 eP	08 49.50	1.0		
E 17s	1.90um				PcS	10 29.00	UZH	77.82	325 eP	08 51.00	2.0		
	eS	06 12.00			eS	10 48.00		Z 14s	1.80um		5.5MszX		
CIT	24.02 311 eP	02 05.90	-0.2	NRI	41.39 334 iPd	04 37.00	-0.7	E 14s	1.50um				
HHC	24.38 283 P	02 08.40	-1.4		1.6s	28.00nm							
	1.2s	20.00nm	4.6mb			e	04 41.00	KSP	78.68	329 ePc	08 54.00	0.3	
Z 14s	2.36um		4.8MszX			e	06 12.00	BRG	79.57	330 eP	08 58.60	0.1	
N 13s	1.00um					e	06 38.00	CLL	79.58	331 iPc	08 58.90	0.3	
E 16s	1.67um					e	06 53.00		1.0s	15.00nm		5.0mb	
	S	06 29.00				e	06 53.00	PRU	80.04	329 P	09 01.50	0.4	
WHN	25.51 258 Pc	02 21.00	0.5	CHG	43.63 255 ePc	04 57.30	0.6				09 32.00		
	1.2s	130.00nm	5.4mb	LSA	43.71 274 P	04 58.10	0.4	KHC	81.11	329 P	09 07.50	0.7	
Z 16s	1.90um		4.7MszX	SHL	45.18 268 iPc	05 08.80	-0.5		1.0s	4.60nm		4.5mb	
N 16s	3.00um				eS	11 50.00					09 16.50		
E 16s	1.38um			GUN	48.62 274 P	05 36.64	0.1	GEC2	81.29	329 P	09 08.30	0.5	
	S	06 29.00			0.6s	68.00nm	5.9mb		0.7s	1.34nm		4.1mb	
BTO	25.58 283 P	02 21.00	-0.2	KKN	49.14 275 P	05 40.26	-0.1	GRF	81.56	331 ePd	09 10.80	1.7	
	N 12s	0.79um			0.8s	64.00nm	5.7mb		0.8s	11.00nm		4.9mb	
E 16s	2.53um			PKI	49.15 274 P	05 39.28	-1.3		Z 18s	0.30um		4.7Msz	
	S	06 48.00		DMN	49.36 275 P	05 41.00	-1.2			e(pP)	09 19.60	28km	
BOD	26.19 324 iPc	02 26.90	0.3		1.0s	39.00nm	5.4mb	ARVI	83.50	305 eP	09 19.60	0.2	
	1.1s	40.00nm	5.0mb	GKN	49.53 275 P	05 42.76	-0.5	PRNI	83.82	304 eP	09 21.30	0.2	
XAN	28.18 269 Pd	02 45.50	0.4		1.4s	157.00nm	5.8mb	CDF	84.06	332 eP	09 22.70	0.5	
	1.3s	42.00nm	5.0mb	BRVK	50.10 311 iP	05 47.00	-0.2		0.8s	4.15nm		4.7mb	
Z 15s	1.75um		4.8MszX		Z 14s	0.97um	5.0MszX	MBH	84.28	304 eP	09 23.40	-0.2	
N 14s	0.69um				N 14s	0.41um		HAU	84.74	333 eP	09 25.80	0.3	
E 14s	1.38um				E 14s	0.74um			0.9s	6.70nm		4.9mb	
IRK	29.64 308 ePc	02 58.20	0.3	FRU	50.59 297 eP	05 50.80	-0.2		Z 19s	0.30um		4.7Msz	
	1.6s	52.00nm	5.1mb		1.8s	60.00nm	5.3mb	LOR	86.23	334 eP	09 33.40	0.5	
Z 14s	1.41um		4.7MszX		Z 14s	1.00um	5.0MszX		0.8s	7.50nm		5.0mb	
E 13s	1.49um				N 14s	0.80um			Z 20s	0.40um		4.8Msz	
ZAK	30.04 304 ePc	03 01.50	0.1		E 14s	1.00um		LDF	86.35	337 eP	09 33.90	0.4	
	1.4s	37.00nm	5.0mb	KSH	50.91 293 P	05 55.00	1.3		1.1s	13.45nm		5.1mb	
Z 14s	2.45um		5.0MszX		0.7s	30.00nm	5.4mb	LBF	86.44	334 eP	09 34.40	0.4	
E 14s	2.21um				Z 16s	1.19um	5.0MszX		0.9s	9.50nm		5.0mb	
BAG	30.69 227 eP	03 12.00	4.3X		E 12s	1.49um		SSF	86.53	334 eP	09 35.00	0.6	
LZH	31.39 276 iPd	03 14.50	0.8	SVE	54.27 318 ePc	06 18.20	-0.2		1.0s	9.40nm		5.0mb	
	1.4s	84.00nm	5.4mb		1.5s	40.00nm	5.2mb	GRR	86.76	337 eP	09 36.10	0.7	
Z 14s	1.98um		4.9MszX		Z 15s	3.50um	5.5MszX		0.8s	6.30nm		4.9mb	
E 13s	1.43um				N 15s	0.60um		SMF	86.78	334 eP	09 36.20	0.6	
MOY	31.61 306 eP	03 16.20	1.0		E 15s	2.00um			1.0s	9.60nm		5.0mb	
TIK	32.82 351 eP	03 24.00	-1.6	NDI				AVF	86.82	334 eP	09 36.50	0.7	
	1.0s	9.00nm	4.6mb			e	08 14.80		1.1s	21.50nm		5.3mb	
Z 16s	1.50um		4.8MszX			eS	14 13.00	LPF	87.13	337 eP	09 38.30	1.1	
GTA	33.41 258 P	03 31.00	-0.3			1.2s	39.06nm		0.9s	7.85nm		5.0mb	
	1.0s	46.00nm	5.4mb	ARU	55.47 318 eP	06 26.00	-1.1	MAF	87.58	334 eP	09 40.80	1.3	
Z 16s	1.43um		4.8MszX			1.7s	170.00nm		0.9s	11.45nm		5.2mb	
N 14s	1.36um					Z 15s	3.00um	LSF	87.90	335 eP	09 41.80	0.8	
E 14s	0.66um					N 16s	1.00um		0.8s	4.85nm		4.9mb	
	pP	03 40.00	31km			E 14s	2.00um						
	PP	04 46.00		RES	59.55	15 eP	06 56.00	0.3	ZOBO	143.84	59 PKP	16 30.00	1.7
	S	08 52.00		YKA	60.61	31 eP	07 01.70	-1.3	LPB	144.04	59 (PKP)	16 21.00	-7.3X
	sS	09 04.00			0.7s	1.40nm		4.2mb	CNCB	144.32	59 PKP	16 28.20	-0.8
	SS	10 50.00							CCH	145.94	58 ePKP	16 32.00	0.6
CD2	33.44 267 eP	03 29.20	-2.3							S.D. = 1.1	on 100 of 109 obs.		
	1.2s	38.00nm	5.2mb	GBA	63.13	265 P	07 21.00	0.5	% DEC	06, 1992	07h 57m 58.97±0.78s		
Z 14s	2.51um		5.1MszX	DAG	63.23	356 iPd	07 19.50	-0.9		39.063 S ± 5.1km	174.662 E ± 5.1km		
N 13s	1.94um					0.9s	7.56nm	4.8mb		DEPTH = 248.8 ± 8.3 km			
	eS	08 50.00		ASPA	63.72	190 iPd	07 23.10	-1.1		NORTH ISLAND, NEW ZEALAND	(159)		
GTA	33.49 284 iPc	03 32.40	0.5			0.6s	5.40nm	4.8mb					
	1.2s	60.00nm	5.4mb	ASH	63.86	299 eP	07 43.00	17.9X					

06d 07h

MOZ	0.57	11	P	58	31.60	-0.4
			S	58	53.90	
CNZ	0.70	101	P	58	32.70	0.1
NGZ	0.74	99	P	58	32.80	0.0
			eS	58	54.90	
BSZ	0.76	164	P	58	33.10	0.2
WAHZ	1.46	116	Pd	58	37.20	0.0
UTU	1.49	54	P	58	37.40	0.0
TAZ	1.67	61	P	58	38.90	0.2
MNG	1.68	158	Pc	58	38.90	0.0
			S	59	04.50	
TTH	1.75	107	P	58	39.80	0.4
KIW	1.81	174	Pc	58	39.90	0.0
DIW	1.83	198	P	58	40.40	0.3
PAHZ	1.88	85	P	58	40.60	0.0
TEHZ	1.90	120	P	58	40.80	0.0
MOH	1.94	93	P	58	41.40	0.3
PGZ	1.99	142	P	58	41.20	-0.3
CAW	2.07	171	Pc	58	42.30	0.0
URZ	2.08	68	P	58	41.60	-0.7
			S	59	09.80	
MRW	2.17	179	Pc	58	43.20	0.0
TCW	2.17	188	P	58	43.60	0.4
MTW	2.19	163	P	58	43.10	-0.3
WEL	2.22	178	P	58	43.60	-0.1
BLW	2.39	165	P	58	45.10	-0.2
AMW	2.40	160	P	58	45.30	-0.1
MOW	2.40	169	Pc	58	45.20	-0.3
ORZ	2.41	222	P	58	45.50	0.0
MAHZ	2.51	94	P	58	47.00	0.4
NOZ	2.67	81	P	58	48.30	0.1
THZ	3.01	206	P	58	52.10	0.2
			S	59	29.90	
HBZ	3.21	64	P	58	54.00	-0.1
DSZ	3.46	218	P	58	56.90	0.0
KHZ	3.46	194	P	58	56.80	0.0
			S	59	38.00	
LTZ	4.13	205	P	59	04.90	0.1
			eS	59	52.40	
MOZ	4.88	197	P	59	12.80	-0.9
			eS	00	06.20	
ODZ	6.68	205	eP	59	36.80	0.6
			eS	00	48.20	

S.D. = 0.3 on 34 of 34 obs.

% DEC 06, 1992 08h 42m 57.68± 1.57s
 38.202 S ± 10.9km 176.053 E ± 7.3km
 DEPTH = 205.6 ± 13.8 km
 NORTH ISLAND, NEW ZEALAND (159)

URZ	0.83	94	P	43	25.60	-1.6
			S	43	43.40	
PAHZ	1.02	130	P	43	28.10	-0.4
MOZ	1.03	252	P	43	28.80	0.3
NGZ	1.04	200	P	43	28.60	-0.1
CNZ	1.07	202	P	43	28.90	0.0
MOH	1.26	138	P	43	30.50	0.3
WAHZ	1.51	171	Pc	43	32.60	0.3
NOZ	1.61	106	P	43	33.60	0.5
MAHZ	1.74	125	P	43	35.00	0.7
BSZ	1.82	208	P	43	35.90	0.8
HBZ	1.88	72	P	43	36.00	0.3
PGZ	2.42	176	P	43	41.60	0.2
MNG	2.45	190	Pc	43	41.90	0.1
			S	44	11.20	
KIW	2.80	198	P	43	45.70	0.0
MTW	2.98	188	P	43	47.40	-0.4
CAW	3.00	194	P	43	48.00	0.0
DIW	3.08	212	P	43	49.10	0.2
AMW	3.11	184	P	43	49.20	-0.1
BLW	3.19	188	P	43	50.10	-0.2
MRW	3.20	199	P	43	50.30	-0.1
			S	44	27.60	
MOW	3.27	191	P	43	50.90	-0.4
TCW	3.31	204	P	43	51.50	-0.1
KHZ	4.63	204	P	44	08.00	0.0
			S	44	59.90	
LTZ	5.41	211	P	44	18.00	-0.1

S.D. = 0.5 on 24 of 24 obs.

& DEC 06, 1992 08h 49m 03.75s
 63.412 N 151.270 W
 DEPTH = 14.0km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.6 (AEIC).

KTH 0.21 48 iP 49 08.42 -0.3

TRF	0.44	84	eP	49	12.60	-0.4
			iS	49	19.48	
HUR	0.86	120	eP	49	19.64	-0.3
RND	1.09	89	eP	49	23.82	-0.1
			S	49	38.98	
MCK	1.09	72	eP	49	24.03	0.1
			S	49	39.55	
SKT	1.44	185	eP	49	28.83	-0.6
			eS	49	48.02	
			eS	49	48.20	
NEA	1.52	39	eP	49	29.29	-1.2
			S	49	49.68	
MLY	1.64	8	eP	49	31.51	-0.8
			S	49	55.08	
WRH	1.76	51	eP	49	33.07	-0.9
PWA	1.88	159	P	49	36.20	0.5
			S	50	00.50	
CCB	1.97	49	eP	49	35.47	-1.5
SUA	1.97	173	eP	49	36.71	-0.4
MDM	2.05	39	eP	49	38.91	0.8
			S	50	06.71	
NCG	2.06	192	eP	49	37.39	-1.0
PLRM	2.08	151	eP	49	38.48	-0.1
			eS	50	06.14	
PMR	2.08	151	(Pn)	49	36.81	-1.7
			eS	50	05.22	
SML	2.11	139	eP	49	38.74	-0.3
FBA	2.13	44	ePn	49	37.66	-1.7
			iPg	49	42.78	
			iS	50	09.85	
CGLM	2.14	190	eP	49	38.65	-0.9
HDA	2.15	60	eP	49	39.53	-0.2
			S	50	11.94	
CRP	2.19	191	ePn	49	39.45	-1.0
			eS	50	08.57	
CP2	2.20	192	eP	49	39.32	-1.3
TTA	2.20	259	ePn	49	37.66	-2.8
			ePg	49	42.99	
			eS	50	08.39	
BGL	2.22	194	ePn	49	40.29	-0.4
CKN	2.24	191	eP	49	41.31	0.4
CKT	2.26	192	eP	49	40.53	-0.8
SPU	2.27	190	eP	49	40.85	-0.5
CKL	2.28	193	eP	49	41.84	0.2
PMS	2.32	159	P	49	43.50	1.4
GLM	2.32	45	eP	49	43.31	1.2
KNK	2.40	146	eP	49	43.51	0.4
IMA	2.86	340	ePn	49	48.66	-1.2
DFR	2.91	194	eP	49	51.26	0.8
SLKM	2.96	170	eP	49	51.16	0.1
REF	3.01	194	eP	49	53.74	1.7
SVW	3.08	223	(Pn)	49	53.84	1.0
			eS	50	36.80	
GLI	3.21	140	eP	49	55.48	0.8
SEW	3.43	165	eP	49	58.00	0.2
FID	3.49	138	eP	49	57.75	-1.0
GLB	3.99	116	eP	50	06.77	1.0

40 obs. associated

% DEC 06, 1992 08h 55m 46.48± 0.89s
 39.087 N ± 7.2km 27.627 E ± 9.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

MD 2.8 (ISK).

IZM	0.75	203	eP	56	01.00	-0.1
			eSg	56	13.50	
DST	0.93	56	iPn	56	04.60	0.3
EZN	1.25	307	ePn	56	09.90	0.3
EDC	1.27	8	iPn	56	10.00	-0.1
BNT	1.29	10	ePn	56	10.00	-0.3

S.D. = 0.4 on 5 of 5 obs.

? DEC 06, 1992 09h 24m 01.92± 0.77s
 31.261 S ± 8.7km 68.846 W ± 9.0km
 DEPTH = 123.4 ± 16.9 km
 SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.32	153	iPc	24	19.00	-0.9
			eS	24	31.00	
MDZ	1.62	180	i(P)	24	32.70	1.3
JACH	2.05	226	iPd	24	37.53	0.8
			iS	25	05.29	
FCH	2.40	210	iP+	24	42.37	1.0
			iS	25	13.60	
PEL	2.44	219	iP+	24	41.93	0.3
			iS	25	11.66	

ROCH	2.51	227	iP	24	42.45	-0.3
			iS	25	12.46	
SAN	2.67	215	iP	24	45.01	0.3
			iS	25	15.94	
PCH	2.74	210	iP	24	46.13	0.5
			iS	25	19.70	
MRA	2.91	114	iPd	24	47.90	0.2
			S	25	17.20	
TACH	2.97	216	iP	24	48.38	-0.2
			iS	25	22.89	
LCCH	3.19	226	iP	24	50.65	-0.9
			iS	25	25.88	
CACH	3.21	207	iP	24	52.52	0.6
			iS	25	30.36	
LNv	3.45	218	iP+	24	53.32	-1.6
			iS	25	32.15	
RFA	3.51	175	iPc	24	54.70	-1.2
CYA	3.86	44	eP	25	00.10	-0.5
FSA	5.73	26	eP	25	26.50	0.7

S.D. = 0.9 on 16 of 16 obs.

% DEC 06, 1992 10h 49m 58.59± 0.60s
 10.246 N ± 7.9km 67.225 W ± 4.9km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF VENEZUELA (97)

GUAC	0.07	220	iPc	50	01.40	0.3
CAR	0.39	49	iPd	50	06.50	-0.1
			iS	50	11.80	
LLAV	0.47	61	iPc	50	07.60	-0.6
			iS	50	14.10	
OLLA	0.47	119	iPd	50	07.70	-0.5
			iS	50	14.00	
MORO	1.24	300	iP	50	21.60	-0.1
			iS	50	29.40	
GUAN	1.58	100	iP	50	28.20	1.4
			iS	50	50.30	
CEOS	1.63	222	eP	50	26.80	-0.7
			iS	50	49.00	
TOV	2.57	260	ePn	50	42.40	1.4
SDV	3.62	248	ePn	50	55.00	-1.1

S.D. = 1.0 on 9 of 9 obs.

* DEC 06, 1992 10h 57m 59.90± 0.85s
 21.048 S ± 7.9km 68.602 W ± 12.0km
 DEPTH = 136.0 ± 15.8 km
 3.9mb (1 obs.)

CHILE-BOLIVIA BORDER REGION (124)

YJA	3.09	112	iPd	58	48.50	-0.5
ANT	3.13	212	eP	58	48.40	-0.6
HJA	3.66	127	ePd	58	57.50	1.4
CNCB	4.26	8	iPc	59	06.00	1.4
CCH	4.32	33	P	59	04.30	-0.9
LPB	4.52	6	P	59	07.00	-0.9
ZOBO	4.76	5	P	59	12.20	0.8
SIV	8.73	56	iPc	00	03.80	-0.8
YKA	90.86	340	eP	10	48.70	0.1

0.6s 0.60nm 3.9mb

S.D. = 1.2 on 9 of 9 obs.

DEC 06, 1992 10h 58m 43.35± 0.39s
 46.943 N ± 3.6km 8.302 E ± 4.0km
 DEPTH = 10.0km (geophysicist)
 SWITZERLAND (544)
 ML 2.7 (LDG).

LLS	0.48	99	eP	58	52.30	-0.9
ZLA	0.54	6	ePc	58	54.70	0.4
SLE	0.83	9	iPc	59	00.00	0.5
FEL	0.95	348	ePn	59	02.47	0.9
DIX	1.06	216	eP	59	02.50	-1.0
OSS	1.29	101	eP	59	08.00	0.6
ORX	1.33	190	P	59	08.04	0.1
BSF	1.36	311	Pn	59	08.70	0.3
			Pg	59	09.70	
			Sg	59	27.90	
CDF	1.63	335	Pn	59	12.20	0.0
			Sg	59	35.60	
LSD	1.69	209	P	59	13.44	0.2
HAU	1.70	309	Pn	59	13.40	0.2
			Sg	59	38.30	
LPL	1.80	218	Pn	59	15.90	1.1
LPG	1.80	217	Pn	59	15.70	0.7
RSP	1.93	202	P	59	18.02	1.3
WTTA	2.30	81	iPgc	59	24.10	2.0x
			iSg	59	58.50	

[illegible]

06d 14h

S 22 09.55
BHB 1.24 299 Pg 21 58.88 0.4
Sg 22 15.34
S.D. = 0.4 on 7 of 7 obs.

DEC 06, 1992 14h 32m 39.98 ± 0.93s
37.721 N ± 8.2km 22.157 E ± 7.4km
DEPTH = 10.0km (geophysicist)
3.9mb (3 obs.)

SOUTHERN GREECE (368)
ML 3.6 (ATH).

VLI 1.18 148 ePb 33 03.30 1.3
ATH 1.26 78 ePb 33 04.60 1.2
eSb 33 24.80
AGG 1.31 6 ePb 33 06.00 1.8
eSb 33 25.34
VLS 1.32 291 ePb 33 02.80 -1.6
IGT 2.30 322 iPn 33 24.26 5.7X
eSn 33 57.00
LIT 2.39 6 ePn 33 21.46 1.7
PAIG 2.50 28 iPn 33 20.82 -0.5
KZN 2.60 353 ePn 33 25.70 2.9X
KEK 2.71 318 ePn 33 26.50 2.1
SRN 2.74 323 ePn 33 27.80 3.1X
OUR 2.97 28 ePn 33 27.26 -0.7
THE 2.97 12 ePn 33 28.50 0.5
iSn 34 04.46
TPE 3.07 328 ePn 33 30.00 0.7
FNA 3.12 349 ePn 33 33.00 2.9X
iSn 34 12.53
SOH 3.23 16 ePn 33 31.94 0.2
iSn 34 10.50
GRG 3.24 3 ePn 33 33.54 1.7
eSn 34 12.50
KNT 3.48 9 ePn 33 36.00 0.7
eSn 34 18.78

OHR 3.55 343 iPn 33 37.50 1.3
SRS 3.57 18 ePn 33 35.90 -0.6
PRK 3.57 63 ePn 33 40.70 4.2X
VAY 3.61 5 iPn 33 27.00 -10.1X
NPS 3.71 130 ePn 33 42.90 4.3X
TIR 4.03 335 ePn 33 44.40 1.4
MMB 4.05 17 eP 33 43.00 -0.3
RZN 4.43 26 eP 33 48.00 -0.9
KDZ 4.66 32 eP 33 50.00 -2.0
BCI 4.91 342 ePn 33 55.50 -0.1
VTS 4.93 9 eP 33 55.00 -1.0
PVL 6.00 23 eP 34 10.00 -0.9
VBY 9.33 329 ePn 34 52.50 -4.9X
eSn 36 36.50
NUR 22.86 3 eP 37 44.00 -0.3
HFS 23.07 349 eP 37 43.80 -2.5
0.5s 1.50nm 3.8mb
NAO 24.20 346 P 37 56.00 -1.3
0.7s 2.30nm 3.9mb
YKA 74.26 341 eP 44 16.60 -2.0
0.7s 0.80nm 3.9mb

S.D. = 1.4 on 26 of 34 obs.

DEC 06, 1992 14h 52m 21.38 ± 1.02s
10.435 S ± 9.1km 123.948 E ± 9.1km
DEPTH = 32.0 ± 8.7 km
4.6mb (5 obs.)

TIMOR REGION, INDONESIA (289)

KUPT 0.44 310 iPd 52 31.10 0.1
KNA 7.07 139 eP 54 06.00 0.7
eS 55 25.00
MTN 7.43 110 eP 54 10.50 0.1
0.4s 42.00nm 5.8mb X
eS 55 31.00
NANU 14.50 213 eP 55 45.00 -1.3
ASPA 16.23 145 iPc 56 07.90 -0.8
0.4s 8.70nm 4.2mb
eS 59 03.30
QIS 18.12 126 eP 56 32.00 -0.4
MRWA 20.11 201 eP 56 57.30 1.8
0.6s 3.00nm 3.8mb
GUN 53.02 317 P 01 38.10 0.0
0.6s 11.00nm 5.0mb
PKI 53.12 316 P 01 38.78 -0.1
0.6s 4.00nm 4.6mb
KKN 53.35 316 P 01 40.22 -0.2
DMN 53.35 316 P 01 41.20 0.8
GKN 53.92 316 P 01 43.80 -0.7
0.9s 11.00nm 4.9mb

S.D. = 1.0 on 12 of 12 obs.

DEC 06, 1992 15h 34m 29.01 ± 1.20s
31.985 S ± 10.9km 68.484 W ± 7.9km
DEPTH = 141.3 ± 22.3 km
SAN JUAN PROVINCE, ARGENTINA (137)
MD 4.0 (SAN).

ZON 0.47 339 iPd 34 49.00 -0.5
eS 35 02.00
MDZ 0.95 199 iP 35 52.60 59.7X
iS 36 07.00
JACH 1.92 248 iP+ 35 03.79 0.7
iS 35 30.34
FCH 2.03 228 iP+ 35 05.27 0.5
iS 35 33.66
PEL 2.19 238 iPd 35 06.59 0.2
iS 35 34.28
ROCH 2.35 245 iP+ 35 08.38 -0.2
iS 35 37.44
PCH 2.36 226 iP+ 35 08.88 0.3
iS 35 39.09
MRA 2.39 101 iPc 35 09.20 0.4
S 35 33.20
TACH 2.65 231 iP+ 35 12.02 -0.1
iS 35 44.21
CACH 2.77 219 iP 35 15.94 2.2
iS 35 49.59
RFA 2.78 180 ePc 35 12.80 -1.0
LCCH 3.00 239 iP+ 35 15.49 -1.0
LNV 3.15 231 iP 35 17.12 -1.4
eS 35 52.53
TCA 3.38 80 iPc 35 21.50 -0.2
(S) 35 54.50
CYA 4.23 34 eP 35 33.10 0.2

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

? DEC 06, 1992 16h 26m 20.49 ± 4.21s
38.109 N ± 15.2km 27.084 E ± 39.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.4 (ISK).

Izm 0.32 26 iPg 26 25.90 -1.3
iSg 26 31.90
CIN 0.94 122 eP 26 38.00 -0.4
DST 1.92 38 iPn 26 53.30 -0.3
KHL 1.93 83 iPn 26 58.20 4.4X
EDC 2.31 15 ePn 26 59.00 -0.2
KCT 2.35 24 ePn 26 59.60 -0.2
YLV 3.03 35 ePn 27 10.00 0.6
HRT 3.37 36 ePn 27 15.00 0.8
EYL 3.42 43 ePn 27 16.00 1.0

S.D. = 0.9 on 8 of 9 obs.

* DEC 06, 1992 16h 31m 23.43 ± 2.95s
18.021 S ± 15.0km 178.007 W ± 15.2km
DEPTH = 580.2 ± 36.7 km
4.7mb (8 obs.)

FIJI ISLANDS REGION (181)

DZM 15.15 252 iPc 34 34.80 1.3
URZ 20.61 191 eP 35 23.80 -1.0
MNG 23.21 193 eP 35 47.10 -1.3
THZ 24.91 196 eP 36 04.50 1.0
KHZ 25.36 195 eP 36 07.20 -0.2
LTZ 26.03 196 eP 36 13.00 -0.3
LMZ 27.78 200 eP 36 28.60 0.2
0.4s 30.00nm 5.3mb
BWZ 28.32 198 P 36 32.60 -0.5
0.4s 8.00nm 4.7mb
LRCZ 28.96 199 P 36 38.90 0.0
MMCZ 28.97 199 P 36 38.90 -0.1
MHZ 28.98 199 P 36 39.50 0.5
SBCZ 29.00 199 eP 36 39.00 -0.1
LSCZ 29.00 199 P 36 39.30 0.2
CMCZ 29.06 199 eP 36 39.80 0.1
TLC 29.16 199 P 36 41.40 0.8
RMO 31.82 249 eP 37 02.50 -0.7
0.4s 8.00nm 4.7mb
TOO 37.40 231 iPc 37 50.50 1.2
1.0s 74.00nm 5.2mb
STKA 38.91 241 iPd 38 02.10 0.4
ASPA 45.13 254 iPd 38 49.40 -1.5
0.5s 74.60nm 5.5mb
eS 44 43.70
NANU 62.06 254 eP 40 49.00 -1.5

S.D. = 0.9 on 25 of 38 obs.

* DEC 06, 1992 16h 41m 33.93 ± 0.91s
19.047 N ± 23.7km 96.849 E ± 16.5km
DEPTH = 33.0km (normal)
MYANMAR (296)

CHG 2.00 96 iPnc 42 05.80 -0.3
ePg 42 32.80
BDT 2.72 131 ePn 42 16.50 0.2
ePg 42 29.00
e 42 40.50
NST 4.59 136 ePn 42 48.50 5.6X
ePg 43 05.00
eSg 44 02.00
SHL 7.95 326 iPd 43 31.00 0.7
iSn 45 01.00
KMI 8.15 41 ePg 44 24.60 51.5X
GUN 13.38 313 P 44 43.60 -0.7
0.3s 5.00nm 4.9mb
PKI 13.50 311 P 44 46.70 0.8
KKN 13.72 311 P 44 48.10 -0.6
DMN 13.74 310 P 44 49.92 0.9
GKN 14.31 311 P 44 55.34 -1.0
0.3s 9.00nm 4.8mb
S.D. = 0.9 on 8 of 10 obs.

? DEC 06, 1992 18h 10m 54.89 ± 4.28s
23.871 S ± 19.9km 176.404 W ± 29.6km
DEPTH = 171.0 ± 27.9 km
5.0mb (3 obs.)

SOUTH OF FIJI ISLANDS (171)

URZ 15.37 200 eP 14 23.90 -0.2
BKM 15.62 290 iPc 14 27.00 -0.3
DZM 15.90 273 iPc 14 31.20 0.5
MNG 18.04 200 eP 14 52.60 -3.1X
LTZ 21.07 204 eP 15 29.30 2.7X
RMO 31.58 258 iPd 17 04.40 1.0
CMS 34.17 249 eP 17 25.00 -0.7
QLP 35.62 257 iPd 17 37.90 -0.1
0.5s 18.00nm 5.0mb
PMG 37.62 286 eP 17 50.00 -4.9X
1.0s 44.00nm 5.1mb
STKA 37.79 248 iPc 17 56.40 0.2
QIS 40.74 266 eP 18 21.50 0.4
ASPA 45.29 260 iPc 18 55.90 -1.9
1.2s 43.80nm 4.9mb
CHG 92.76 289 eP 23 48.40 -0.8
LWI 144.30 227 iPKPd 30 13.90 0.8
OJC 150.82 338 ePKP 30 25.00 2.9X
KSP 151.33 343 ePKP 30 26.50 3.6X
CLL 151.66 348 iPKP 30 26.90 3.6X

1.1s 16.00nm
BRG 151.87 346 iPKP 30 28.10 4.4X
CSS 151.94 300 ePKP 30 33.00 8.7X
PRU 152.56 345 ePKP 30 28.50 3.8X
KHC 153.59 345 ePKP 30 31.00 4.8X
e 30 36.00

GEC2 153.83 345 PKP 30 31.70 5.1X
1.2s 4.16nm
BCAO 155.90 219 ePKP 30 42.00 11.6X
0.8s 7.00nm

S.D. = 0.9 on 11 of 23 obs.

DEC 06, 1992 18h 26m 48.42 ± 0.70s
41.700 N ± 6.0km 19.427 E ± 6.4km
DEPTH = 10.0km (geophysicist)

ALBANIA (391)
ML 3.0 (TIR), 2.9 (TTG).

LACI 0.22 107 iPg 26 53.00 -0.2
iSg 26 57.00

ULC 0.29 333 iPg 26 54.85 0.3
iSg 26 59.54

SDA 0.36 9 iPg 26 55.70 0.0
iSg 27 02.50

TIR 0.48 137 iPg 26 58.20 0.0
iSg 27 04.50

BDV 0.73 323 iPg 27 02.30 -0.5
iSg 27 14.00

TTG 0.74 350 iPg 27 02.29 -0.6
iSg 27 13.84

PVY 0.98 24 iPg 27 06.29 -0.9
iSg 27 21.05

HCV 1.02 318 iPg 27 07.90 0.2
iSg 27 23.42

NKY 1.16 344 iPg 27 10.02 -0.1
iSg 27 27.91

OHR 1.19 119 iPn 27 09.70 -0.9
iSg 27 28.50

IVA 1.22 16 iPg 27 10.91 -0.3
iSg 27 29.27

BRY 1.37 332 iPg 27 13.94 0.3
iSg 27 34.86

SKO 1.53 79 iPn 27 17.30 1.5
iSg 27 36.70

PLE 1.63 359 iPnd 27 18.32 1.0
iSg 27 41.95

VAY 2.39 98 ePn 27 28.40 0.2
HVAR 2.65 305 i(Pn) 27 36.70 4.7X

S.D. = 0.7 on 15 of 16 obs.

DEC 06, 1992 18h 45m 37.48 ± 0.50s
47.355 N ± 3.7km 6.970 E ± 5.8km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 2.9 (LDG), 2.6 (STR).

LOMF 0.10 267 Pg 45 39.99 -0.3
Sg 45 42.95

BSF 0.49 346 Pg 45 47.30 -0.2
Sg 45 54.20

MOF 0.51 12 Pg 45 47.49 -0.3
Sg 45 54.81

HAU 0.77 327 Pg 45 52.50 -0.1
Sg 46 03.40

ECH 0.87 8 Pg 45 54.52 0.3
Sg 46 05.83

FEL 0.88 53 ePg 45 54.54 0.1
CDF 1.08 11 Pn 45 57.33 -0.5

VITF 1.09 323 Pg 45 58.55 0.6
Sg 46 13.28

WLS 1.09 14 Pg 45 58.27 0.3
LPL 1.85 185 Pn 46 09.80 0.1

Pg 46 12.20
Sg 46 37.20

LPG 1.86 185 Pn 46 09.90 -0.1
Pg 46 12.90

Sg 46 37.10
LBF 2.08 261 Pg 46 17.10 4.3X
Sg 46 43.00

LOR 2.12 269 Pg 46 17.60 4.2X
Sg 46 44.40

SMF 2.26 253 Pg 46 20.70 5.3X
Sg 46 49.00

SSF 2.38 264 Pg 46 22.20 5.1X
Sg 46 53.60

AVF 2.54 258 Pg 46 26.20 6.9X
Sg 46 58.70

S.D. = 0.4 on 11 of 16 obs.

% DEC 06, 1992 19h 38m 12.14 ± 0.77s
38.884 S ± 4.7km 176.352 E ± 4.9km

DEPTH = 107.0 ± 9.7 km
NORTH ISLAND, NEW ZEALAND (159)

WHH 0.11 90 eP 38 25.30 -1.8
TAHZ 0.39 130 eP 38 28.00 -0.4

PAHZ 0.55 88 P 38 28.70 -0.6
NGZ 0.65 243 P 38 30.30 0.1

TAZ 0.66 11 P 38 29.30 -0.8
MOH 0.67 112 P 38 30.40 0.2

CNZ 0.70 243 P 38 30.80 0.2
UTU 0.72 350 eP 38 29.90 -0.7

TTH 0.75 151 eP 38 31.50 0.6
WAHZ 0.81 180 P 38 32.10 0.6

URZ 0.86 44 Pd 38 31.10 -0.8
S 38 43.00

TEHZ 1.16 162 P 38 35.90 0.8
WLZ 1.17 329 Pd 38 36.00 0.7

eS 38 51.60
MAHZ 1.23 105 eP 38 36.90 1.0

MOZ 1.27 287 Pd 38 37.30 0.9
S 38 53.90

NOZ 1.34 79 P 38 37.90 0.7
BSZ 1.43 230 P 38 40.50 2.2

PGZ 1.73 182 eP 38 42.30 0.3
MNG 1.86 201 P 38 44.10 0.4

HBZ 2.00 51 eP 38 45.90 0.4
KIW 2.27 209 P 38 49.30 0.3

MTW 2.36 196 eP 38 49.70 -0.6
CAW 2.43 204 P 38 50.90 -0.3

AMW 2.46 190 P 38 51.30 -0.3
BLW 2.57 195 eP 38 52.90 -0.1

MRW 2.66 208 eP 38 53.90 -0.4
MOW 2.67 198 eP 38 54.00 -0.4

DIW 2.68 224 eP 38 54.70 0.2
WEL 2.69 206 eP 38 54.10 -0.5

TCW 2.82 214 P 38 55.80 -0.5
ORZ 3.53 235 eP 39 06.20 0.3

THZ 3.90 221 eP 39 10.50 -0.6
KHZ 4.13 210 eP 39 12.70 -1.4

eS 39 57.40
MOZ 5.57 209 eP 39 29.90 -4.0X

S 40 30.30
S.D. = 0.8 on 33 of 34 obs.

* DEC 06, 1992 19h 58m 38.70 ± 1.84s
38.698 N ± 9.6km 26.577 E ± 17.7km
DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)
MD 3.2 (ISK).

IZM 0.62 119 iPg 58 51.50 0.4
iSg 59 00.50

EZN 1.14 350 iPn 59 00.40 0.3
CIN 1.62 132 eP 59 07.00 -0.3

DST 1.83 60 ePn 59 10.70 0.1
EDC 1.92 31 iPn 59 11.00 -0.8

BNT 1.96 32 ePn 59 12.00 -0.2
KCT 2.07 41 ePn 59 14.50 0.5

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

* DEC 06, 1992 21h 23m 38.16 ± 2.30s
31.392 S ± 21.2km 69.565 W ± 11.4km

DEPTH = 150.0 ± 22.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

MD 3.9 (SAN).

ZON 0.77 102 iPc 24 00.00 -1.5
eS 24 14.00

JACH 1.55 214 iPd 24 09.17 0.4
iS 24 29.75

MDZ 1.61 158 iP 24 09.30 0.0
iS 24 30.50

PEL 1.99 208 iP+ 24 13.76 0.2
iS 24 37.88

ROCH 2.00 218 iP 24 14.04 0.2
FCH 2.03 197 iPd 24 15.00 0.7

PCH 2.36 200 iPd 24 19.02 0.9
TACH 2.54 207 iPd 24 20.07 -0.1

LCCH 2.68 219 iP 24 21.95 0.0

LNK 2.99 211 iP+ 24 24.98
MRA 3.43 108 ePc 24 32.60

S 25 09.60
RFA 3.49 165 ePc 24 31.30 -1

TCA 4.25 91 iPc 24 43.00 0.
(S) 25 28.50

S.D. = 0.9 on 13 of 13 obs.

DEC 06, 1992 22h 23m 17.17 ± 1.49s
4.842 S ± 7.6km 103.312 E ± 8.4km

DEPTH = 102.7 ± 12.5 km
5.1mb (26 obs.)

SOUTHERN SUMATRA, INDONESIA (274)

KGM 6.81 0 eP 24 56.00 -0.2
IPM 9.63 346 ePd 25 35.10 0.5

0.5s 15.90nm 5.2mb
TRT 9.69 108 ePd 25 55.60 20.2X

NST 20.62 351 eP 27 56.00 5.6X
KUPT 20.79 106 eP 27 54.20 2.1

NANU 21.21 147 eP 27 56.00 -0.3
CHG 23.90 350 ePc 28 22.50 -0.1

0.9s 22.06nm 4.6mb
KNA 27.25 115 eP 28 52.90 -0.8

MTN 28.59 108 eP 29 04.00 -1.8
GYA 31.28 6 eP 29 30.20 0.5

0.8s 9.40nm 4.6mb
GBA 31.55 306 P 29 32.00 0.0

SHL 32.20 340 iPc 29 35.70 -2.1
ASPA 34.92 125 iPc 30 01.10 0.0

0.7s 31.70nm 5.3mb
eS 35 26.60

CD2 35.55 1 Pd 30 06.10 -0.2
1.0s 20.00nm 5.0mb

LSA 36.27 342 Pd 30 13.00 0.1
1.0s 23.00nm 5.1mb

PKI 36.57 333 P 30 14.42 -0.9
0.6s 17.00nm 5.1mb

GUN 36.65 334 P 30 15.66 -0.3
0.6s 104.00nm 6.0mb

DMN 36.74 332 P 30 15.84 -0.8
0.9s 44.00nm 5.4mb

KKN 36.81 333 P 30 16.60 -0.6
0.6s 67.00nm 5.7mb

GKN 37.29 332 P 30 20.68 -0.5
QIS 38.56 117 iPc 30 31.50 -0.3

0.3s 10.00nm 5.2mb
XAN 39.03 7 P 30 35.40 -0.1

0.7s 18.00nm 5.0mb
SSE 39.60 24 eP 30 41.00 0.8

LZH 40.72 1 eP 30 50.50 1.1
1.2s 38.00nm 5.1mb

pP 31 11.00 85kmX
NDI 41.73 325 iPc 30 57.50 -0.2

0.6s 66.67nm 5.6mb
TIY 43.18 11 P 31 11.60 2.1

Z 22s 0.52um 4.4Msz
PMG 43.72 98 eP 31 13.50 -0.6

0.8s 14.93nm 4.9mb
GTA 44.15 356 P 31 18.00 0.6

0.8s 13.00nm 4.8mb
STKA 44.80 132 eP 31 23.10 0.5

e 31 38.70
HHC 46.09 9 P 31 33.40 0.7

1.0s 26.00nm 5.0mb
BJI 46.20 14 eP 31 33.00 -0.5

0.7s 13.00nm 4.9mb
RMO 48.41 121 iPc 31 52.20 1.2

WMO 50.45 345 P 32 06.50 0.1
1.0s 35.00nm 5.3mb

KSH 50.78 333 P 32 09.00 0.0
0.5s 10.00nm 5.1mb

CN2 52.37 20 eP 32 20.80 0.0
1.0s 17.00nm 5.0mb

PcP 33 30.60
MDJ 54.59 23 eP 32 35.00 -2.1

MAIO 57.90 319 eP 33 00.00 -0.9
CSS 76.56 307 eP 35 00.00 1.8

OBN 80.92 328 iPc 35 22.00 0.8
0.8s 35.00nm 5.2mb

e 35 39.00
BCAO 85.18 275 iPd 35 44.20 0.3

0.6s 6.00nm 4.7mb
KAF 88.20 333 iP 35 58.80 1.2

0.6s 12.40nm 5.1mb
NUR 88.62 331 iP 36 00.50 0.9

0.8s 12.20nm 5.0mb

06d 22h

UPP 91.98 330 iP 36 15.80 0.7
 GEC2 93.35 319 P 36 22.20 0.3
 0.7s 0.84nm 4.2mb
 YKA 116.06 19 ePKP 41 49.00 -0.3
 0.8s 0.90nm
 BGMT 129.32 32 ePKP 42 16.90 1.3
 FNO 144.19 30 iPKPc 42 42.50 -0.5
 SIO 144.32 28 ePKP 42 42.80 -0.4
 LNO 144.42 27 ePKPd 42 42.80 -0.5
 LNO2 144.42 27 ePKP 42 42.90 -0.4
 LNO3 144.42 27 ePKP 42 42.90 -0.5
 TUL 144.42 27 ePKPd 42 42.80 -0.6
 0.4s 17.40nm
 RLO 144.56 26 ePKP 42 43.30 -0.3
 VVO 144.92 28 e(PKP) 42 43.80 -0.5
 BAO 145.05 234 PKPd 42 45.50 0.3
 e 43 02.00
 e 43 04.10

S.D. = 0.9 on 53 of 55 obs.

* DEC 06, 1992 23h 45m 05.36 ± 0.91s
 32.962 N ± 8.9km 136.224 E ± 9.1km
 DEPTH = 434.3 ± 8.8 km
 4.5mb (19 obs.)

SOUTHEAST OF SHIKOKU, JAPAN (237)

MAT 3.93 24 eP 46 20.00 0.5
 eS 47 18.00
 MDJ 12.73 338 eP 47 52.60 -1.6
 SSE 12.90 266 Pc 47 52.50 -3.5X
 1.0s 13.00nm 4.3mb
 SNY 13.38 315 eP 48 00.80 -0.4
 1.4s 34.00nm 4.6mb
 CN2 13.72 325 eP 48 05.00 0.2
 1.0s 9.80nm 4.2mb
 NJ2 14.69 271 iPc 48 14.60 -0.5
 1.0s 25.00nm 4.7mb
 BJI 17.58 299 eP 48 44.00 -0.3
 1.3s 40.00nm 4.7mb
 WHN 18.76 268 iPd 48 57.00 1.1
 0.7s 240.00nm 5.8mb X
 TIY 19.96 290 Pd 49 08.70 1.0
 HHC 21.19 299 Pd 49 19.80 0.4
 0.8s 16.00nm 4.6mb
 BTO 22.28 297 P 49 30.00 0.5
 GYA 26.43 264 P 50 06.00 -1.2
 1.0s 14.00nm 4.3mb
 CD2 27.57 275 iPd 50 16.20 -1.0
 1.0s 61.00nm 5.0mb
 GTA 29.94 293 P 50 37.20 -0.6
 0.8s 5.00nm 4.0mb
 CHG 36.18 256 eP 51 31.00 0.3
 WMO 39.05 301 P 51 55.00 0.9
 1.0s 15.00nm 4.3mb
 GUN 43.37 277 P 52 29.74 0.3
 0.9s 59.00nm 5.0mb
 PKI 43.88 277 P 52 33.16 -0.2
 0.7s 16.00nm 4.5mb
 KKN 43.91 277 P 52 33.64 0.1
 0.9s 50.00nm 4.9mb
 DMN 44.12 277 P 52 35.18 0.0
 GKN 44.37 278 P 52 37.06 -0.1
 1.0s 53.00nm 4.9mb
 KSH 48.26 296 P 53 08.00 1.2
 0.5s 10.00nm 4.5mb
 HYB 53.82 268 ePd 53 47.50 -0.5
 ASPA 56.36 183 iPc 54 05.30 -0.3
 0.6s 7.50nm 4.2mb
 GBA 56.62 265 P 54 07.50 -0.1
 KAF 69.93 332 iP 55 32.20 -0.4
 0.5s 2.80nm 4.1mb
 NUR 71.48 331 eP 55 41.50 -0.2
 NAO 76.50 336 P 56 09.20 -0.9
 0.8s 5.70nm 4.3mb
 KSP 81.21 326 ePc 56 36.10 0.9
 CLL 82.39 328 iPc 56 41.90 0.7
 GEC2 83.80 326 P 56 48.70 0.2
 0.8s 0.97nm 3.6mb

S.D. = 0.7 on 30 of 31 obs.

* DEC 07, 1992 00h 28m 03.01 ± 1.68s
 31.576 S ± 13.1km 72.281 W ± 16.9km
 DEPTH = 67.8 ± 28.0 km
 OFF COAST OF CENTRAL CHILE (134)
 MD 4.3 (SAN).

ROCH 1.76 143 iPd 28 31.71 -0.4

JACH 1.81 128 iPd 28 32.40 -0.2
 iS 28 53.25
 iS 28 54.52
 LCCH 1.99 163 iP+ 28 55.23 0.2
 eS 28 58.39
 PEL 2.07 140 iP+ 28 36.11 -0.1
 iS 28 59.97
 TACH 2.36 152 eP 28 40.96 0.7
 iS 29 08.28
 FCH 2.43 137 eP 28 41.19 -0.3
 iS 29 10.37
 LNV 2.48 163 iP+ 28 41.55 -0.3
 iS 29 11.23
 PCH 2.53 144 iP 28 42.53 -0.1
 ZON 3.08 90 e(P) 28 55.00 4.7X
 MDZ 3.19 115 iP 29 01.20 9.3X
 iS 29 39.80
 RFA 4.51 136 e(P) 29 11.00 0.5
 MRA 5.65 100 e(P) 29 27.20 0.9
 TCA 6.57 90 eP 29 38.00 -1.3
 FSA 7.76 47 e(P) 30 00.10 4.6X
 ZOBO 15.68 15 P 31 40.80 -1.1
 SIV 18.58 36 P 32 19.40 2.2
 BAO 27.24 60 Pc 33 41.90 -0.9
 e 33 42.10

S.D. = 1.0 on 14 of 17 obs.

& DEC 07, 1992 00h 49m 23.58s
 34.378 N 116.901 W
 DEPTH = 3.4km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.3 (PAS). 3.0 (GS).
 Feit.

SSK 0.68 256 iPc 49 36.38 -0.7
 GSC 0.92 5 iPc 49 40.95 -1.0
 eS 49 52.55
 PLM 1.02 178 iPd 49 42.56 -1.1
 eS 49 56.70
 ISA 1.82 315 ePn 49 54.27 -1.8
 ePg 49 56.97
 GLA 2.18 127 ePd 49 59.18 -2.0
 BCH 2.74 288 ePn 50 07.51 -1.8
 TNP 3.71 356 (Pn) 50 23.86 0.7
 ARUT 4.41 38 (Pn) 50 31.86 -1.2
 MSU 5.62 41 (P) 50 51.69 1.5
 9 obs. associated

* DEC 07, 1992 01h 14m 27.60 ± 0.77s
 7.117 N ± 10.1km 76.686 W ± 8.1km
 DEPTH = 33.0km (normal)
 4.3mb (2 obs.)
 NORTHERN COLOMBIA (99)

UPA 3.37 303 iP 15 18.68 -0.6
 eS 16 10.56
 ECO 3.72 307 iP 15 24.15 0.0
 SDV 6.25 73 ePn 16 01.60 1.5
 iSn 17 14.10
 TOV 7.32 68 eP 16 15.90 0.9
 eS 17 33.50
 MORO 9.07 65 iP 16 38.10 -1.3
 iS 16 49.90
 OLLA 10.19 73 iP 16 54.50 -0.3
 LLAV 10.32 70 iPd 16 54.70 -1.9
 STH 10.90 359 iPd 17 06.40 2.0
 ZOBO 24.75 160 P 19 48.80 0.4
 LPB 24.99 160 eP 19 49.00 -1.4
 CNCP 25.28 160 P 19 55.30 1.9
 SIV 27.68 146 P 20 20.00 5.2X
 YKA 61.80 341 eP 24 44.20 -1.2
 0.7s 2.40nm 4.4mb
 GEC2 84.95 42 P 27 03.10 2.1X
 0.9s 1.21nm 4.1mb

S.D. = 1.5 on 12 of 14 obs.

? DEC 07, 1992 01h 26m 02.57 ± 2.76s
 31.841 S ± 14.7km 68.517 W ± 20.1km
 DEPTH = 158.8 ± 42.5 km
 SAN JUAN PROVINCE, ARGENTINA (137)

MDZ 1.08 195 iP 26 29.10 -0.1
 iS 26 44.20
 MRA 2.45 104 iPc 26 44.20 0.3
 S 27 11.20
 RFA 2.92 179 iPd 26 49.90 0.0
 TCA 3.39 83 iPc 26 55.50 -0.3

(S) 27 32.30
 CYA 4.13 36 iPc 27 05.50 0.1
 S 27 47.00
 S.D. = 0.5 on 5 of 5 obs.

? DEC 07, 1992 01h 41m 55.94 ± 1.93s
 37.550 N ± 13.8km 27.601 E ± 15.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

CIN 0.39 82 iPc 42 04.00 0.1
 YER 0.68 127 iPg 42 09.50 0.0
 iSg 42 18.50
 IZM 0.89 343 ePg 42 13.10 0.1
 eSg 42 24.60
 DST 2.20 21 ePn 42 33.00 -0.2
 S.D. = 0.2 on 4 of 4 obs.

& DEC 07, 1992 01h 58m 41.99s
 62.230 N 150.894 W
 DEPTH = 73.8km
 CENTRAL ALASKA (1)
 <AEIC>.

CUT 0.34 59 P 58 51.70 -2.3
 SKT 0.39 230 iPd 58 53.65 -0.8
 eS 59 03.16
 eS 59 03.27
 PWA 0.75 140 P 58 57.50 -0.5
 S 59 10.00
 SUA 0.77 175 iPd 58 57.85 -0.5
 eS 59 09.63
 HUR 0.95 37 iPd 58 59.53 -0.8
 eS 59 13.10
 NCG 1.02 216 iPd 59 00.38 -1.0
 eS 59 16.11
 GHO 1.04 115 P 59 01.00 -0.5
 PLRM 1.05 127 iPc 59 00.62 -0.9
 PMR 1.05 127 eP 59 01.00 -0.6
 CGLM 1.07 210 iPd 59 00.92 -1.0
 CRP 1.14 212 P 59 02.00 -0.9
 S 59 18.30
 CP2 1.16 214 iPd 59 02.46 -0.8
 PMS 1.18 147 P 59 02.50 -0.7
 CKN 1.18 212 iPd 59 02.84 -0.5
 SPU 1.19 208 iPd 59 02.55 -0.9
 BGL 1.20 217 iPd 59 03.09 -0.6
 CKT 1.21 212 iPd 59 02.80 -0.9
 CKL 1.24 214 iPd 59 03.38 -0.8
 TRF 1.26 13 iPd 59 03.53 -0.9
 SML 1.28 108 iPc 59 03.85 -0.7
 KTH 1.33 359 iPd 59 04.55 -0.7
 eS 59 21.96
 KNK 1.42 124 iPc 59 05.49 -0.9
 RND 1.51 38 iPd 59 06.37 -1.3
 eS 59 25.82
 PTE 1.64 146 ePc 59 07.92 -1.4
 SCM 1.73 102 iPc 59 09.35 -1.3
 MCK 1.75 30 eP 59 10.01 -0.9
 SLKM 1.76 169 eP 59 10.42 -0.6
 RDT 1.81 204 eP 59 11.17 -0.6
 DFR 1.86 208 iPc 59 11.30 -1.1
 MPA 1.90 156 eP 59 11.26 -1.6
 NCT 1.94 211 iPd 59 12.69 -0.9
 RDN 1.94 208 eP 59 12.89 -0.7
 REF 1.95 207 iPc 59 13.02 -0.8
 RDW 1.98 209 eP 59 13.42 -0.8
 RS2 1.99 208 eP 59 14.00 -0.3
 RSO 1.99 208 ePc 59 13.98 -0.3
 RS1 1.99 208 ePc 59 14.02 -0.3
 TOA 2.22 91 P 59 16.50 -0.9
 SEW 2.25 161 eP 59 15.59 -2.0
 ILIM 2.38 206 eP 59 19.23 -0.3
 INE 2.42 207 eP 59 19.79 -0.4
 INW 2.43 208 eP 59 20.03 -0.3
 VLZ 2.44 115 eP 59 17.94 -2.4
 KLU 2.47 105 iPc 59 18.68 -2.2
 TTA 2.47 289 P 59 19.20 -1.7
 NEA 2.49 18 iPd 59 19.09 -2.0
 SDG 2.51 81 eP 59 20.85 -0.5
 SVW 2.52 246 ePd 59 20.40 -1.1
 TZL 2.58 92 eP 59 21.60 -0.7
 WRH 2.58 28 iPd 59 20.51 -1.8
 PAX 2.62 71 eP 59 22.06 -0.9
 CCB 2.79 28 iPd 59 23.31 -2.0
 HIN 2.81 129 eP 59 22.87 -2.6

MLY 2.81 1 ePd 59 23.91 -1.7
HDA 2.82 37 iPd 59 23.89 -1.7
PDB 2.93 215 iPd 59 26.03 -1.1
MDM 2.99 22 ePd 59 26.11 -1.9
CVA 3.00 122 eP 59 26.09 -2.0
FBA 3.02 26 P 59 26.50 -1.9
AUW 3.14 205 P 59 31.10 1.1
GLM 3.18 28 iPd 59 28.79 -1.9
GLB 3.45 100 eP 59 32.03 -2.5
MCNL 3.49 211 eP 59 33.67 -1.4
RAGM 3.52 119 P 59 35.00 -0.5
SYI 3.71 192 eP 59 35.68 -2.3
HMT 3.72 118 eP 59 36.74 -1.5
IMA 4.04 344 P 59 40.70 -2.2
67 obs. associated

DEC 07, 1992 02h 11m 42.39±0.09s
43.949 N ± 2.1km 147.145 E ± 1.9km
DEPTH = 45.2km (geophysicist)
5.8mb (170 obs.) 5.8Msz (50 obs.)
KURIL ISLANDS (221)

Felt (VII) on Shikotan and (V) on Kunashir and Iturup. Felt at Nemura and Kushiro, Hokkaido, Japan. Depth from broadband displacement seismograms.

FAULT PLANE SOLUTION: P-Waves
NP1: Strike=245 Dip=58 Slip= 65
NP2: 106 40 124
Principal Axes:

T P1g=67 Azm=106
P 10 353

Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a moderate strike-slip component. The preferred fault plane is not determined.

RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 1.5±0.4*10¹³ Nm

MOMENT TENSOR SOLUTION

Dep 46 No. of sta: 28
Moment Tensor; Scale 10¹⁷ Nm
Mrr= 5.68 Mtt=-7.84
Mff= 2.18 Mrt=-4.09
Mrf=-3.74 Mtf= 1.70

Principal axes:
T Val= 9.18 P1g=56 Azm=116
N -0.16 30 265
P -9.02 15 4

Best Double Couple: Mo=9.1*10¹⁷
NP1: Strike=128 Dip=40 Slip= 141
NP2: 250 66 57

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 29S, 76C

Centroid Location:

Origin Time 02:11:45.7 0.2

Lat 43.75N 0.02 Lon 147.16E 0.02

Dep 57.6 2.1 Half-duration 2.7

Moment Tensor; Scale 10¹⁷ Nm

Mrr= 8.18 0.20 Mtt=-5.78 0.31

Mff=-2.41 0.26 Mrt=-6.04 0.28

Mrf=-6.73 0.30 Mtf=-1.02 0.30

Principal Axes:

T Val= 12.84 P1g=63 Azm=126

N -2.92 9 233

P -9.92 26 327

Best Double Couple: Mo=1.1*10¹⁸

NP1: Strike= 76 Dip=21 Slip= 115

NP2: 230 71 81

KUR 1.38 22 iPd- 12 08.00 2.4
eS 12 25.50
KUSJ 1.97 245 iP+ 12 13.80 0.0
eS 12 36.10
HOOJ 3.23 242 iPd 12 33.30 1.5
eS 13 10.10
ASAJ 3.25 275 iP+ 12 35.90 3.7X
SAP 4.32 260 eP 12 50.00 2.7
iS 13 38.40
YSS 4.37 316 iPd- 12 49.70 1.7
Z 15s 135.40um
N 15s 113.20um
E 15s 57.70um

MRRJ 4.70 253 P 12 54.20 1.7
eS 13 47.90
AOMJ 6.06 238 P 13 10.70 -1.0
eS 14 19.00
OFUJ 6.37 222 iPd 13 13.50 -2.6
S 14 22.00
YAMJ 7.88 225 iP+ 13 34.70 -2.5
S 14 59.90
SKR 9.06 39 iPd- 13 52.10 -1.3
Z 14s 33.00um
N 14s 18.30um
E 14s 25.40um

NIJ 9.12 225 P 13 51.90 -2.4
KAKJ 9.40 217 P 13 53.90 -4.2X
S 15 32.70

OKH 10.00 345 ePd- 14 09.00 2.7
Z 21s 88.70um
eS 16 02.00

CHJJ 10.06 221 P 14 03.90 -3.3X
S 15 52.00

MAT 10.06 226 P 14 05.00 -2.3
MTMJ 10.24 227 P 14 07.60 -2.2
IIDJ 11.04 223 P 14 19.00 -1.6

VLA 11.11 271 iPnc 14 22.00 0.6
PET 11.84 36 ePn 14 29.00 -2.2

Z 20s 86.00um
N 21s 39.00um
E 21s 56.00um

TSRJ 12.01 229 P 14 32.70 -0.9
MDJ 12.60 279 (P) 14 43.32 1.9
0.9s 380.00nm 6.4mb

WKYJ 13.21 227 P 14 46.40 -3.2X
YONJ 13.69 235 P 14 55.10 -0.8

TKSJ 14.22 230 P 15 01.00 -1.8
SHK 14.61 235 eP 15 06.80 -1.1

CN2 15.65 277 Pd 15 21.00 -0.3
1.0s 200.00nm 5.2mb

Z 18s 51.20um
N 15s 18.40um
E 15s 33.90um

epP 15 28.00
eS 18 08.00

SHNJ 15.83 237 P 15 23.50 -0.1
KUMJ 17.12 234 eP 15 39.50 -0.3

SNY 17.39 271 Pd 15 43.00 -0.2
1.0s 160.00nm 5.1mb

Z 20s 34.80um 4.8MszX
N 15s 10.10um

E 18s 23.30um
sP 15 55.50
S 18 46.00

KAGJ 18.08 231 eP 15 51.00 -0.8
eS 19 20.40

SEY 19.23 7 eP 16 03.50 -1.9
1.0s 50.00nm 4.7mb X

iS 19 36.00
HIA 19.51 295 eP 16 05.77 -2.8

DL2 19.75 264 P 16 09.00 -2.2
1.0s 880.00nm 6.0mb

Z 18s 11.70um 4.8MszX
N 15s 5.30um

E 15s 12.80um
pP 16 20.00 49kmX
S 19 44.00

SMY 19.86 54 eP 16 13.70 1.5
1.1s 1509.60nm 6.2mb

YAK 20.79 337 eP 16 19.00 -2.8
1.5s 640.00nm 5.7mb

Z 15s 29.60um 5.8MszX
iPp 16 36.00 80kmX

i 16 50.00
iS 20 04.00

iSS 20 35.00
iSSS 20 58.00

i 27 39.00
BJI 23.27 271 eP 16 45.71 -0.9

1.0s 240.00nm 5.6mb
Z 20s 2.10um 4.6MszX

N 15s 10.70um
ePP 16 57.00

eS 20 48.00
eScP 24 08.50

eScS 27 52.00
CIT 23.69 302 eP 16 56.00 5.4X

Z 12s 50.90um 6.2MszX
N 13s 11.02um

E 16s 91.20um
eS 21 04.00

TIA 24.14 262 eP 16 55.00 -0.1
1.1s 640.00nm 6.1mb

Z 18s 15.20um 5.5Msz
N 17s 10.10um

E 17s 9.54um
pP 17 06.00 42kmX

S 21 00.00
SSE 24.14 247 iPc 16 56.69 1.6

1.0s 450.00nm 6.0mb
Z 20s 11.00um 5.3Msz

N 13s 4.70um
E 14s 3.20um

PP 17 31.50
S 21 05.00

iSS 21 24.00
BOD 24.71 316 iPc 16 57.20 -3.1X

0.8s 38.00nm 5.0mb
NJ2 25.13 251 iPc 17 06.00 1.4

0.8s 430.00nm 6.0mb
N 18s 17.60um

E 17s 7.40um
pP 17 17.00 42kmX

S 21 23.00
ADK 25.29 59 eP 17 05.60 -0.3

HHC 26.33 276 Pc 17 16.00 0.2
1.0s 420.00nm 6.0mb

Z 19s 27.60um 5.8Msz
N 12s 3.45um

E 14s 9.32um
sP 17 30.00

S 21 39.00
sS 21 58.00

TIY 26.86 269 iPd 17 20.90 0.3
1.2s 430.00nm 5.9mb

Z 26s 22.30um 5.6MszX
E 13s 4.84um

sP 17 34.00
S 21 55.50

SS 23 10.00
BTO 27.53 276 iPd 17 27.00 0.3

0.8s 350.00nm 6.1mb
N 15s 10.30um

E 19s 23.40um
pP 17 38.00 42kmX

TATO 28.20 236 ePc 17 31.57 -1.2
WHN 29.13 254 Pc 17 40.50 -0.6

1.0s 200.00nm 5.7mb
Z 18s 13.90um 5.6Msz

N 18s 16.70um
E 15s 5.81um

pP 17 56.00 64kmX
S 22 28.00

TIK 29.15 348 iPd 17 37.00 -3.9X
1.0s 20.00nm 4.7mb X

Z 16s 23.00um 5.9MszX
e 18 30.00 272kmX

eS 22 19.00
i 24 24.00

i 28 15.00
IRK 29.41 302 eP 17 42.20 -1.3

1.2s 44.00nm 5.0mb
e 17 58.00 66kmX

e 18 07.00
ePP 18 30.00

ePPP 18 46.00
e 19 29.00

e 22 00.00
e 22 25.00

eS 22 32.00
e 23 26.00

eSS 24 18.00
eSSS 24 54.00

LR 26 26.00
ILT 29.96 25 iPd 17 44.60 -3.6X

0.8s 110.00nm 5.7mb
i 18 44.00 309kmX

iS 22 32.00
QZH 30.00 240 Pc 17 49.00 0.0

1.2s 160.00nm 5.6mb
Z 16s 6.52um 5.4MszX

N 16s 4.45um
pP 18 00.50 43kmX

S 22 40.00
ZAK 30.15 298 iPc 17 50.00 0.0

2.2s 230.00nm 5.5mb

07d 02h

Z 15s	37.81um	6.2MszX	BRW	38.32	26 eP	18 59.00	-0.9	GUN	51.00	273 P	20 41.60	-0.6		
E 16s	51.95um		IMA	38.52	34 ePc	19 02.20	0.4	FRU	51.10	296 eP	20 42.00	-0.4		
	e	18 52.00	325kmX		e	24 56.80			Z 16s	16.50um		6.1MszX		
	e	20 51.00		NRI	38.89	331 ePc	19 00.00	-4.7X	N 16s	10.50um				
	eS	22 42.00			0.7s	32.00nm	5.3mb		E 16s	15.00um				
	eSS	24 21.00		Z 18s	35.00um		6.2Msz			i	20 55.00	48kmX		
GUA	30.37	184 eP	17 53.30	1.1	E 18s	29.00um				iS	27 57.00			
	eS	22 51.50					78kmX			e	30 24.00			
XAN	31.07	265 iPd	17 57.00	-1.3		e	19 19.00			eSS	31 24.00			
	0.9s	110.00nm	5.6mb			e	20 37.00		KKN	51.50	273 P	20 45.28	-0.6	
Z 20s	10.90um	5.5Msz				e	21 11.00		PKI	51.54	273 P	20 45.42	-0.8	
N 10s	1.96um					eS	24 52.00		DMN	51.73	273 P	20 46.96	-0.7	
E 10s	3.03um					eSS	27 42.00		KSH	51.81	291 P	20 48.20	0.3	
	pP	18 06.60	34kmX	BGL	38.96	42 ePc	19 05.86	0.3		1.0s	240.00nm	6.2mb		
	sP	18 13.50		CP2	39.04	42 ePc	19 07.05	0.8	Z 20s	27.40um	6.3Msz			
	PP	18 59.50		CRP	39.08	42 ePc	19 06.93	0.4	N 18s	22.10um				
	PcP	20 50.00		KDC	39.17	48 ePc	19 06.09	-1.0		pP	21 01.00	46kmX		
	S	22 57.00			0.7s	232.43nm	6.1mb			PcP	22 01.00			
	sS	23 15.00		QIZ	39.85	243 ePc	19 14.71	1.5		PP	22 48.00			
	SS	24 38.00			1.0s	44.00nm	5.2mb			S	28 07.00			
	ScS	28 24.00		N 16s	30.70um					sS	28 28.00			
BBP	31.38	230 eP	18 02.00	0.9	E 16s	3.60um				eSS	31 42.00			
MOY	31.50	301 eP	18 02.20	0.4		epPd	19 25.64	39kmX						
	1.4s	84.00nm	5.3mb			iS	25 17.00		GKN	51.84	274 P	20 47.66	-0.7	
ENH	32.69	258 eP	18 10.64	-1.8	BIP	39.98	213 ePd	19 15.00	SVE	53.00	317 ePd	20 54.50	-1.9	
	epPd	18 22.73	46kmX	SLKM	40.07	43 eP	19 13.67	-0.9		1.3s	140.00nm	5.8mb		
	esPc	18 30.01		PWA	40.15	41 eP	19 15.60	0.4		e	24 12.00			
LZH	33.76	272 ePd	18 21.69	-0.3	ELT	40.18	306 eP	19 13.50		ePS	28 16.00			
	1.5s	860.00nm	6.4mb			1.5s	141.00nm	5.5mb	PMG	53.10	180 eP	20 56.50	-1.0	
Z 19s	18.90um	5.8Msz			Z 12s	8.75um	5.8MszX			1.2s	125.00nm	5.8mb		
N 16s	8.19um					eS	25 17.00		KBS	54.60	350 eP	21 05.10	-2.8	
	epP	18 33.36	43kmX			e	29 15.00		SNG	54.63	242 iPc	21 09.40	0.6	
	PP	19 32.00		PMS	40.33	42 eP	19 16.20	-0.6		1.0s	340.00nm	6.3mb		
	PcP	20 57.50		CGP	40.41	216 iPd	19 17.00	-0.8		eS	28 47.20			
	S	23 40.00		PMR	40.51	41 eP	19 18.00	-0.1	RES	54.78	17 eP	21 07.50	-1.8	
	sS	24 03.00			0.9s	146.70nm	5.8mb			0.8s	51.00nm	5.6mb		
	ScP	24 40.00		KMI	40.56	257 eP	19 19.26	0.0	YKA	55.64	34 eP	21 14.50	-1.1	
	ScS	28 42.50			2.0s	500.00nm	5.9mb			0.7s	62.20nm	5.7mb		
PIP	33.90	230 eP	18 24.50	1.5	Z 26s	8.20um	5.5MszX		IPM	56.36	240 ePc	21 22.20	0.8	
GZH	34.68	244 iPc	18 29.80	0.1	N 15s	4.80um				1.0s	64.40nm	5.6mb		
	0.8s	370.00nm	6.4mb		E 15s	3.60um			NDI	56.77	279 iPd	21 23.30	-0.9	
Z 19s	7.36um	5.4Msz				epPd	19 31.59	45kmX		0.9s	315.13nm	6.3mb		
	sP	18 47.40		FBA	40.94	36 ePc	19 22.50	0.9		eS	22 10.00			
	iS	23 54.00			0.9s	202.90nm	5.9mb		KGM	56.98	236 ePc	21 25.80	0.0	
HKC	34.70	242 P	18 31.30	1.4	DAV	41.29	214 eP	19 26.30	1.3	APA	58.23	336 eP	21 32.40	-1.5
	S	23 59.00		TOA	41.86	40 ePc	19 30.80	1.5	PGC	58.49	51 eP	21 36.00	0.0	
GTA	35.26	279 P	18 34.60	-0.1	WMO	42.02	291 (P)	19 31.54	0.7		1.0s	50.00nm	5.6mb	
	1.2s	160.00nm	5.8mb			1.0s	170.00nm	5.7mb	KEV	58.53	339 iP	21 35.00	-1.0	
Z 14s	19.70um	6.0MszX			Z 20s	23.50um	6.1Msz			0.8s	17.60nm	5.2mb		
E 13s	8.65um				N 15s	16.30um			Z 20s	15.70um	6.1Msz			
	pP	18 42.00	25kmX			epPd	19 42.96	41kmX			eS	29 45.00		
	PcP	21 05.40				PP	21 08.00				e	31 10.00		
	S	24 04.00				ScS	29 30.00				LR	52 10.00		
	ScS	28 50.40		PPR	42.03	224 ePd	19 33.00	2.0	DAG	59.23	356 iPc	21 38.00	-2.8	
BAG	35.49	228 ePc+	18 35.50	-1.4	KLU	42.05	41 eP	19 30.52	-0.4		1.0s	40.00nm	5.5mb	
	0.9s	534.45nm	6.5mb	BALM	43.83	42 eP	19 45.18	-0.2	Z 20s	4.11um	5.6Msz			
	eS	24 05.00		LSA	46.18	272 ePd	20 05.32	0.3	KHKI	59.39	217 ePc	21 41.00	-1.5	
UER	35.78	301 eP	18 38.70	-0.1		1.0s	87.00nm	5.6mb			e	26 20.00		
	1.1s	40.00nm	5.3mb		Z 18s	9.09um	5.8Msz		GMW	59.46	52 eP	21 42.59	-0.2	
N 13s	10.81um					ipPd	20 17.24	43kmX	BMW	59.79	53 eP	21 44.30	-0.9	
E 13s	24.50um					esPc	20 22.62		KTK1	60.00	340 eP	21 44.45	-1.8	
	e	28 46.00				iS	26 48.00		TRT	60.15	220 ePc	21 28.00	-19.7X	
CD2	36.42	264 Pd	18 43.80	-0.7		sS	27 05.00			1.0s	124.70nm			
	0.8s	400.00nm	6.4mb		LOE	46.39	250 eP	20 06.00	-0.2	SDF	60.31	338 iP	21 47.00	-1.3
Z 34s	10.60um	5.4MszX			TNE	46.44	208 ePc	20 06.50	0.0	SHW	60.52	53 eP	21 51.02	0.8
N 12s	4.70um				TSM	47.18	222 ePd	20 11.70	-0.7	SJI	60.58	221 iPd	21 50.90	0.2
	pP	18 56.00	45kmX	CHG	47.34	254 iPc	20 14.00	0.3		60.80	55 (P)	21 52.23	0.3	
	sP	18 59.00			1.1s	306.96nm	6.2mb		VGB	61.75	53 eP	21 57.64	-0.8	
	S	24 20.00				eS	27 07.30		DPW	61.84	50 ePc	21 58.01	-1.1	
	sS	24 44.00		CHTO	47.34	254 ePd	20 13.52	-0.1	NEW	62.21	49 ePd	22 00.09	-1.4	
	PcS	24 58.00				ipPd	20 25.52	43kmX		1.0s	280.00nm	6.3mb		
OCP	36.71	225 eP	18 44.00	-2.9	RAB	48.13	173 iP+	20 20.00	0.2	Z 20s	5.16um	5.7Msz		
QVP	36.76	225 ePd	18 48.50	1.2			iS	27 20.00			epP	22 14.23	51kmX	
GYA	36.97	255 iPc	18 49.00	-0.2	SIT	48.36	46 eP	20 22.70	1.6	KMPM	62.69	59 eP	22 04.61	-0.2
	1.0s	130.00nm	5.8mb	BDT	48.37	252 eP	20 21.50	-0.1	HYB	62.78	268 ePd	22 03.80	-1.8	
Z 18s	9.76um	5.6Msz				1.0s	96.60nm	5.8mb		1.0s	230.00nm	6.3mb		
N 16s	6.35um			NST	48.69	250 iPc	20 30.50	6.3X			e	22 18.00	51kmX	
E 16s	4.59um			PRZ	48.77	294 eP	20 25.50	0.8			eS	30 26.00		
	PP	20 20.00			1.2s	380.00nm	6.3mb		LGPM	63.20	58 (P)	22 07.48	-0.7	
	S	24 26.00				epP	20 39.00	50kmX	LBFM	63.51	57 ePc	22 10.02	-0.4	
	ScS	28 58.40		BRVK	49.42	309 iPc	20 29.80	0.4	WDC	63.57	58 ePc	22 09.71	-0.8	
TGY	37.23	225 ePc	18 52.00	0.7			eS	27 26.00			0.8s	61.24nm	5.7mb	
TTA	37.28	39 ePc	18 52.10	0.7			iS	27 28.00		Z 20s	1.97um	5.3Msz		
SVW	37.40	42 ePc	18 53.80	1.4	OPA	50.14	98 eP	20 35.11	-0.1		ed	22 24.19	52kmX	
	0.7s	190.00nm	6.1mb				epP	20 51.10	62kmX	CTA	63.73	181 iPd	22 10.00	-1.5
PGP	37.73	225 iPd	18 55.50	0.0	HON	50.38	98 P	20 50.00	12.9X		1.5s	90.28nm	5.6mb	
PLP	37.87	217 ePd	18 56.50	-0.1		Z 19s	4.28um	5.5Msz			i	22 25.00	54kmX	

CTAO	63.73	181	iS	30	45.00		KVN	67.21	57	(P)	22	33.88	-0.3	PAS	70.27	61	ePc	22	52.08	-0.36	
			iPc	22	10.01	-1.5	LTMT	67.23	50	eP	22	35.00	0.6				ed	23	06.15	49km	
			e	22	22.50	43kmX	TPMT	67.35	49	ePc	22	34.70	-0.4	DAU	70.38	53	ePc	22	53.35	-0.6	
SES	64.10	44	esPd	22	30.20		FRI	67.51	60	iPc	22	35.05	-0.7				epP	23	09.83	60kmX	
	0.7s	171.00nm	iPc	22	13.00	-0.9	MMPM	67.54	59	eP	22	35.02	-1.5	GSC	70.39	60	eP	22	52.82	-0.9	
			pP	22	26.00	45kmX	MAK	67.62	309	eP	22	54.00	17.6X				epP	23	07.44	52kmX	
KAF	64.13	333	iP	22	11.80	-2.0		Z	18s	10.50um		6.1MsZ	SSK	70.54	61	eP	22	55.00	0.2		
	0.5s	15.90nm						N	18s	8.60um						epP	23	10.10	54kmX		
ASH	64.18	299	eP	22	15.00	0.5		E	18s	9.50um						eP	22	52.65	-1.5		
	1.5s	310.00nm								e	25	15.00	741kmX	SUE	70.98	342	eP	22	56.27	-0.4	
	Z	14s	8.86um			6.1MsZ				iS	31	29.00		EMUT	71.03	53	ePc	22	57.24	-0.5	
	N	14s	10.60um							ePS	31	53.80					epP	23	16.36	71kmX	
	E	14s	12.50um							i	32	30.00		PEC	71.08	61	ePc	22	56.45	-1.4	
			e	22	29.00	50kmX	BONR	67.77	58	eP	22	37.13	-0.8		0.8s	32.28nm			5.3mb		
			e	24	37.00		MRCM	67.83	59	eP	22	37.78	-0.3	MSU	71.10	55	ePc	22	58.08	-0.1	
			iS	30	49.00		PKEM	67.83	61	eP	22	35.93	-2.0				epP	23	12.77	52kmX	
			ePS	31	15.00					epP	22	50.40	51kmX	ERE	71.13	308	iP	22	58.00	-0.2	
			e	32	06.00		BAK	67.87	305	iPd	22	42.00	4.0X		1.2s	63.00nm			5.5mb		
			eSSS	37	47.00			Z	11s	4.37um		5.9MsZ		Z	18s	6.60um			5.9MsZ		
MOR7	64.18	341	eP	22	12.24	-1.9			N	14s	10.40um					ePPP	27	13.00			
MIN	64.28	58	ePc	22	14.22	-1.1			E	20s	26.60um					iS	32	08.00			
MOS	64.29	324	eP	22	16.00	1.1					iS	31	36.00		ORS	71.18	175	iPc	22	58.00	-0.3
	1.9s	440.00nm				6.2mb	HHA1	67.87	51	ePd	22	38.15	0.0		1.0s	12.00nm			4.8mb X		
	Z	15s	14.00um			6.3MsZ	MTUM	67.99	59	eP	22	38.35	-0.8				i	23	14.00	58kmX	
	N	15s	8.30um				PTI	68.15	51	eP	22	40.16	0.2	ULM	71.34	37	ePc	23	00.50	1.4	
	E	15s	5.50um				TNP	68.36	58	ePc	22	40.71	-0.7				pP	23	15.00	51kmX	
			eS	30	52.00			0.8s	89.54nm		5.8mb		ASK	71.39	341	eP	22	58.72	-0.4		
MA10	64.43	297	eP	22	16.00	-0.3	ASPA	68.37	193	iPc	22	39.90	-1.3	BER	71.44	341	eP	22	59.43	-0.1	
	0.9s	35.38nm				5.4mb		1.1s	148.80nm		5.9mb		SOC	71.46	313	eP	23	00.00	0.1		
			eS	30	52.00				e	22	56.10	59kmX				1.6s	360.00nm		6.1mb		
PUL	64.44	330	eP	22	14.00	-1.8			eS	31	35.70			Z	19s	20.00um			6.4MsZ		
	1.4s	150.00nm				5.8mb	GRO	68.39	310	iPc+	22	41.00	-0.2		N	18s	13.00um				
	Z	26s	11.00um			5.9MsZ			iP*P	50	59.60			E	18s	6.00um					
	E	24s	6.00um					Z	1.0s	240.00nm		6.2mb	TAB	71.48	305	eP	23	03.00	2.7		
			e	22	33.00	72kmX				9.00um		6.2MsZ	EGD	71.57	341	eP	23	00.88	0.6		
			e	22	44.00			N	24s	21.00um			SRU	71.67	53	ePc	23	00.95	-0.6		
			ePPP	26	10.00			E	16s	7.50um			ANN	71.82	315	eP	23	00.00	-2.0		
			eS	30	46.00					iS	31	37.00			0.5s	70.00nm			5.9mb		
			e	31	18.00		SHE	68.45	306	iPc	22	42.00	0.4			e	23	15.50	56kmX		
			e	32	00.00				1.0s	250.00nm		6.2mb				iS	32	18.00			
			eSS	34	56.00			Z	16s	9.00um		6.1MsZ				e	32	54.00			
OIS	64.56	188	eP	22	15.40	-1.6		N	16s	13.00um			RSSD	71.82	46	ePd	23	01.27	-1.1		
KAT	64.74	301	iP-	22	21.00	2.9		E	16s	12.00um					0.8s	153.19nm			6.0mb		
	Z	14s	6.70um			6.0MsZ	UPP	68.59	335	iP	22	40.80	-1.3		Z	20s	2.42um		5.5MsZ		
	N	14s	7.50um							iS	31	36.00				eP	23	15.53	50kmX		
	E	14s	9.00um				HVU	68.62	52	eP	22	42.09	-0.8	NANU	72.26	211	iPc	23	05.30	0.6	
			e	22	32.00	36kmX	SBC	69.11	62	(P)	22	45.81	0.1		0.4s	15.00nm			5.3mb		
			e	22	49.00		ISA	69.12	60	ePc	22	44.44	-1.5	WARB	72.28	199	eP	23	04.30	-0.6	
			iS	30	57.00				0.9s	41.65nm		5.4mb		0.4s	19.00nm			5.4mb			
			ePS	31	18.00			Z	20s	1.72um		5.3MsZ	PV09	72.88	53	ePc	23	09.43	0.6		
			e	32	09.00					epPd	22	57.02	43kmX	GLA	73.10	60	iPd	23	09.40	-0.5	
NTYM	64.80	60	eP	22	18.87	0.4	PYA	69.38	312	iPc	22	46.50	-0.8	PV08	73.11	53	ePc	23	08.29	-1.9	
ORV	64.82	59	iPc	22	17.50	-1.2			1.0s	150.00nm		5.9mb				epP	23	22.66	51kmX		
OBN	65.15	324	iPd	22	19.60	-0.9		Z	20s	20.00um		6.4MsZ	SHI	73.16	295	eP	23	10.00	-0.4		
	Z	16s	11.00um			6.1MsZ		N	20s	17.50um			BSD	73.32	334	iPc	23	09.70	-0.9		
			iS	30	56.00			E	20s	15.00um				1.0s	138.00nm			5.9mb			
BKS	65.38	61	eP	22	21.92	-0.3				i	23	01.00	51kmX	SIM	73.36	317	eP	23	11.00	-0.1	
POO	65.45	272	iPc	22	18.20	-4.8X				i	23	03.00			Z	20s	6.50um		5.9MsZ		
	0.9s	54.62nm				5.6mb				e	25	24.00				iS	32	36.00			
HMR	65.48	60	(P)	22	22.42	-0.5				ePPP	27	10.00				e	33	06.00			
FCC	65.85	30	eP	22	27.50	2.6				iS	31	50.00		KER	73.48	302	iPd	23	12.40	0.2	
NUR	65.86	333	iP	22	23.00	-1.9				ePS	32	10.00		COP	73.61	335	iP	23	12.30	0.0	
	0.5s	37.90nm				5.7mb				ePPS	32	40.00			0.9s	141.18nm			5.9mb		
	Z	20s	11.00um			6.1MsZ				eSS	36	14.00			Z	17s	9.18um		6.1MsZ		
			eS	31	00.00		DUG	69.63	54	ePc	22	48.74	-0.3			e	23	24.00	39kmX		
			e	32	10.00				0.6s	39.47nm		5.6mb				iS	32	39.00			
			e	38	50.00		NAO	69.70	339	P	22	05.14	60kmX	MUD	73.89	337	iP	23	14.30	0.4	
			LR	55	40.00				0.5s	18.20nm		5.3mb	ARMA	74.12	176	iPc	23	17.20	1.6		
HRY	66.00	48	iPc	22	25.90	-0.4				1.0s	396.00nm		6.3mb		0.2s	15.00nm			5.6mb		
BUT	66.04	49	ePc	22	28.90	2.3	MNK	69.73	327	eP	22	46.00	-3.2X	GOL	74.18	50	ePc	23	16.14	-0.2	
GBA	66.10	266	P	22	25.80	-1.3			Z	22s	15.30um		6.2MsZ		0.9s	68.07nm			5.6mb		
COE	66.11	61	eP	22	25.64	-1.3			N	22s	11.90um				Z	20s	3.50um		5.6MsZ		
ARN	66.14	61	ePd	22	26.53	-0.7			E	22s	11.30um			GLD	74.23	50	iPc	23	09.54	-6.9X	
HBMT	66.16	49	iPc	22	26.90	-0.6				ePPP	27	04.00			0.8s	48.50nm			5.5mb		
LRM	66.22	49	iPc	22	27.30	-0.6				eS	31	40.00		KIS	74.32	321	iPc+	23	16.00	-0.6	
CMB	66.44	59	iPc	22	28.52	-0.6				e	32	40.00			1.0s	600.00nm			6.5mb		
	0.9s	89.89nm				5.8mb	BW06	69.78	50	ePc	22	49.24	-0.8		Z	20s	15.20um		6.3MsZ		
	Z	21s	1.46um			5.2MsZ			0.8s	98.35nm		5.8mb		N	20s	12.30um					
			epP	22	41.85	46kmX	AKU	70.10	354	iP	22	52.70	1.4		E	20s	4.80um				
LCCM	66.52	48	iPc	22	29.00	-0.7				1.0s	40.00nm		5.3mb			i	23	30.00	49kmX		
MCMT	66.63	50	iPc	22	29.40	-1.1										i	26	09.00			
SXM	66.69	48	eP	22	30.50	-0.3	RMO	70.11	178	eP	22	50.50	-1.2			iS	32	46.00			
BGMT	66.82	49	iPc	22	31.10	-0.6							7kmX	IAS	74.77	322	eP	23	38.00	18.8X	
PRS	66.87	61	eP	22	31.19	-0.6								MEEK	74.96	206	eP	23	20.00	-0.4	
LLA	66.96	61	eP	22	31.36	-1.1	OLP	70.24	183	eP	22	52.00	-0.5			0.5s	6.00nm				

[illegible]

LNO3	82.12	47	ePc	23	59.10	-0.4	PPN	84.19	121	iPd	24	11.90	1.7		0.9s	78.30nm	5.9mb				
HAU	82.15	335	eP	23	59.10	-0.4	BDI	1.5s	295.60nm				6.1mb		GRI	86.35	324	P	24	21.09	0.2
	1.2s	67.85nm				5.6mb	FIR	84.19	330	P	24	10.10	0.1		1.1s	312.10nm	6.5mb				
Z	20s	3.15um				5.7Msz		84.19	330	eP	24	11.50	1.6		LFF	86.59	337	eP	24	22.60	0.7
TTG	82.15	324	iPc	23	59.16	-0.3	PAE			iS	34	27.00			0.7s	55.80nm	5.9mb				
BSF	82.17	334	eP	23	59.10	-0.6		84.19	121	iPd	24	12.00	1.8		MCWV	86.60	34	P	24	30.00	8.0X
	1.0s	46.20nm				5.5mb	LPF	1.4s	216.10nm				6.0mb	Z	20s	4.64um	5.9Msz				
PAIG	82.19	320	eP	23	59.56	-0.2		84.22	339	eP	24	10.40	0.4		LPO	86.69	336	eP	24	23.10	0.7
BBS	82.26	334	P	24	00.00	-0.1	LPL	1.0s	127.60nm				6.0mb		0.7s	45.20nm	5.8mb				
RLO	82.33	46	iPc	24	00.10	-0.5	LPG	84.24	333	eP	24	10.70	0.2		SOI	87.13	323	P	24	24.40	-0.2
BDV	82.46	324	iPc	24	00.93	-0.2		1.0s	83.60nm				5.8mb	HRV	87.20	28	P	24	30.00	5.1X	
HCY	82.46	324	iPc	24	00.28	-0.9	ASS	84.25	333	eP	24	10.90	0.3		Z	20s	2.61um	5.6Msz			
ULC	82.54	324	iPc	24	01.75	0.2	HQL	1.0s	87.60nm				5.8mb	DHJN	87.37	292	eP	24	27.20	0.8	
OHR	82.56	322	iP	24	01.10	-0.6	MIAR	84.28	328	P	24	10.60	0.1		KMTA	87.43	293	eP	24	27.67	1.1
	1.1s	249.00nm				6.2mb		84.32	306	eP	24	11.33	0.5		TBR	87.49	30	eP	24	25.88	-0.4
		i	24	06.80		18kmX		84.33	46	iPc	24	10.63	-0.2		LVNJ	87.58	30	eP	24	26.11	-0.6
		i	24	17.20			Z	0.9s	109.41nm				5.9mb	PNJ	87.72	30	iP	24	29.10	1.8	
FNA	82.56	322	eP	24	01.40	-0.4	ELC	21s	3.35um				5.7Msz	GMTN	87.73	30	iP	24	28.50	1.1	
LOMF	82.58	334	P	24	01.67	-0.1	RSP	84.37	42	iPc	24	10.62	-0.3		MTHF	87.88	335	P	24	29.38	1.2
VVO	82.59	47	eP	24	01.80	-0.1	RSNY	84.39	333	P	24	10.07	-1.0		MNG	87.97	159	eP	24	29.10	0.8
LIT	82.61	320	eP	24	02.04	0.1		84.39	29	iPc	24	10.17	-0.8			e	24	45.00	55kmX		
HVAR	82.70	326	iP	24	03.60	1.2	Z	0.8s	66.40nm				5.8mb	LESF	88.17	336	P	24	30.15	0.6	
KZN	82.77	321	eP	24	02.80	-0.1		20s	1.96um				5.5Msz	NAV	88.18	36	eP	24	29.43	-0.3	
CCM	82.78	43	(P)	23	59.12	-3.8X	TVO	84.49	121	iPd	24	13.70	1.9		TKL	88.25	39	iPc	24	29.85	-0.2
SLM	82.81	42	P	24	10.00	7.0X		1.8s	970.20nm				6.6mb		pP	24	43.42	45kmX			
Z	21s	2.47um				5.5Msz	PCP	84.49	332	P	24	11.67	0.1		THZ	88.41	161	eP	24	31.20	0.8
RKG	82.83	205	eP	24	04.00	1.1	BGF	84.50	336	eP	24	12.00	0.5		BLA	88.43	36	eP	24	30.60	-0.4
SAL	82.87	331	P	24	03.70	0.5		0.7s	30.30nm				5.5mb		0.7s	6.04nm	5.0mb				
ELF	83.03	33	P	24	03.30	-0.8	PII	84.51	330	P	24	10.60	-0.9			pP	24	45.06	49kmX		
ACTO	83.17	32	P	24	05.76	1.0	AQU	84.60	327	P	24	13.00	0.9		CVL	88.59	34	eP	24	32.12	0.5
DLA	83.21	34	P	24	05.20	0.2	BHB	84.66	333	P	24	10.85	-1.5			pP	24	46.05	47kmX		
LDN	83.21	33	P	24	04.80	-0.2	BNI	84.67	333	P	24	13.10	0.6		LTZ	89.23	162	eP	24	34.60	0.3
SHWJ	83.23	306	Pc	24	07.20	1.6	OLY	84.67	44	iPc	24	11.79	-0.7		EGRA	89.41	336	eP	24	36.00	0.6
FVM	83.24	42	iPc	24	04.68	-0.5	CKI	84.68	332	P	24	12.60	0.2		CEH	90.12	36	ePc	24	37.19	-1.7
	1.0s	129.51nm				5.9mb	RRL	84.75	333	P	24	13.18	0.1			0.9s	77.48nm	6.0mb			
Z	19s	5.45um				5.9Msz	DUI	84.78	326	P	24	13.90	0.9		Z	20s	2.99um	5.7Msz			
PMO	83.25	118	iPd	24	07.40	2.0	PLDF	84.81	335	P	24	13.69	0.6			pP	24	52.77	54kmX		
	1.6s	676.60nm				6.5mb	AGO	84.88	336	P	24	13.93	0.5		PRM	90.20	39	eP	24	39.09	-0.2
VAI	83.25	332	P	24	04.50	-0.6	MAF	84.89	336	eP	24	14.00	0.6			eP	24	53.74	50kmX		
CPZ	83.31	343	eP	24	05.80	0.4		0.8s	116.60nm				6.1mb	BWZ	90.40	164	eP	24	41.60	2.0	
FLN	83.40	339	eP	24	05.70	-0.2	FIN	84.90	332	P	24	13.78	0.2			e	24	57.30	54kmX		
	0.7s	50.05nm				5.7mb	NPS	84.93	316	eP	24	13.20	-0.6		EBR	90.43	335	eP	24	41.50	1.3
Z	19s	5.97um				6.0Msz	TCF	84.93	336	eP	24	14.00	0.3			eSKS	35	08.00			
TPT	83.41	118	iPd	24	08.20	1.9		0.9s	54.70nm				5.7mb		eS	35	31.00				
	1.4s	540.20nm				6.4mb	ROB	84.94	332	P	24	13.00	-0.8		JSC	90.54	38	eP	24	40.27	-0.5
LDF	83.47	339	eP	24	05.90	-0.3	DOI	84.97	332	P	24	12.47	-1.5			eP	24	54.69	49kmX		
	0.8s	51.60nm				5.6mb		0.8s	48.80nm				5.7mb	LHS	90.57	38	eP	24	40.22	-0.7	
WLVO	83.54	31	P	24	06.55	-0.1	SDI	84.99	327	P	24	13.80	-0.3			eP	24	55.01	50kmX		
AGG	83.54	320	eP	24	05.72	-1.1	PZZ	85.01	333	P	24	13.23	-1.0		LRCZ	90.80	164	eP	24	43.80	2.1
LOR	83.56	336	eP	24	06.40	-0.4	VLS	85.03	321	eP	24	14.50	0.2			e	24	59.70	55kmX		
	1.1s	97.70nm				5.8mb	GRT	85.08	43	eP	24	14.80	0.3		CMCZ	90.87	165	eP	24	44.30	2.4
Z	20s	9.10um				6.1Msz	VLI	85.10	318	eP	24	15.30	0.7		ODZ	91.04	164	eP	24	44.50	1.9
VAH	83.60	118	iPd	24	09.00	1.8	LSF	85.16	337	eP	24	15.00	0.2			0.8s	62.00nm	6.1mb			
	1.6s	368.20nm				6.2mb		0.9s	127.75nm				6.1mb	ETOR	91.18	337	eP	24	44.06	0.3	
RSM	83.62	329	P	24	07.90	0.9	PYM	85.19	336	P	24	15.79	0.8		SGS	91.78	38	eP	24	46.48	-0.1
TYNO	83.68	33	P	24	07.55	0.2	IMI	85.27	332	P	24	15.24	-0.2		ECHE	92.00	336	eP	24	48.89	1.3
RUV	83.72	118	iPd	24	09.70	1.9	MFF	85.30	338	eP	24	15.90	0.4		PAB	92.99	338	eP	24	51.00	-1.2
	1.6s	681.60nm				6.5mb		0.9s	95.65nm				6.0mb		ePP	28	50.00				
ORX	83.72	333	P	24	07.78	0.0	SAOF	85.32	332	P	24	15.05	-0.6			iS	35	20.00			
ATH	83.73	318	eP	24	09.50	1.8	AUTN	85.35	332	P	24	16.43	0.4		EVIA	93.33	337	eP	24	55.00	1.2
ORO	83.73	333	P	24	07.80	0.0	SGO	85.36	325	P	24	15.80	0.0		ECOG	94.90	337	eP	25	00.74	-0.3
MDRJ	83.74	305	P	24	09.70	1.7	TOUF	85.40	332	P	24	16.74	0.5		EGUA	95.31	337	eP	25	03.25	0.4
LBF	83.78	336	eP	24	07.60	-0.3	AURF	85.48	332	P	24	17.00	0.5		EPRU	95.65	338	eP	25	05.00	0.6
	0.9s	53.55nm				5.6mb	MVIF	85.53	332	P	24	16.50	-0.4		MAL	95.65	337	eP	25	04.00	-0.3
ARV	83.81	328	P	24	08.30	0.2	MIM	85.55	25	eP	24	17.51	0.8			iS	35	34.00			
GRR	83.85	339	eP	24	08.20	0.1	LBL	85.58	335	P	24	17.53	0.5		EJIF	96.20	338	iPc	25	07.25	0.4
	1.0s	155.20nm				6.0mb	REVf	85.60	332	P	24	17.00	-0.1		NAI	105.44	283	Pdiff	26	08.00	19.2X
SFI	83.85	329	P	24	09.30	1.1	MGR	85.61	325	P	24	15.80	-1.3		Z	20s	2.48um	5.8Msz			
SSF	83.85	336	eP	24	08.10	-0.1	TDS	85.69	324	P	24	18.60	1.1			PcS	30	32.00			
	0.9s	56.85nm				5.6mb	WAJH	85.69	302	eP	24	18.00	0.3			SS	39	20.00			
STCO	83.85	32	P	24	09.10	0.9	CALN	85.75	332	P	24	16.74	-1.2		BCAO	113.35	302	iPKPc	30	18.00	0.8
PGD	83.94	329	P	24	10.80	1.9	FRF	86.00	332	eP	24	18.60	-0.4			0.8s	11.00nm				
AFR	83.98	121	iPd	24	10.70	1.6		1.1s	56.90nm				5.7mb		i	30	41.10				
BOB	83.98	331	P	24	08.90	-0.1	HLW	86.02	308	eP	24	20.00	0.7			i	31	03.00			
MME	84.04	330	P	24	10.67	1.2			eS	34	40.00			TIC	123.71	326	PKP	30	35.70	-1.3	
	1.2s	451.00nm				6.4mb	RJF	86.03	336	eP	24	19.60	0.5			0.8s	21.50nm				
IGT	84.05	322	eP	24	06.52	-2.8		1.1s	86.70nm				5.9mb	KIC	123.85	326	PKP	30	35.90	-1	

07d 02h

1.0s 30.00nm
SEK 129.80 267 iPKPc 30 46.00 -2.5X
0.7s 33.00nm
NNA 130.63 64 e(PKP) 30 46.00 -4.3X
1.0s 25.00nm
BLF 131.29 267 ePKP 30 51.70 0.4
0.8s 26.00nm
GRM 133.29 262 e(PKP) 30 36.50 -18.4X
SPA 133.75 180 iPKPd 30 55.50 0.7
0.7s 32.03nm
POF 135.95 271 e(PKP) 30 53.00 -6.9X
ARE 137.40 62 ePKP 31 08.00 4.6X
ZOBO 139.38 58 PKP 30 59.00 -8.5X
LR 18 32.00
LPB 139.59 59 PKP 31 04.00 -3.6X
CNCB 139.87 59 PKP 31 01.00 -7.2X
CCH 141.43 57 PKP 31 05.00 -5.7X
ANT 143.25 69 ePKP 31 03.00 -10.3X
SIV 143.27 50 PKP 31 13.80 0.2
NVL 145.35 204 iPKPc+31 14.40 -1.1
2.0s 1071.00nm
Z 25s 2.60um 5.9MsZx
N 25s 1.80um
E 24s 1.70um

e 31 23.00
i 31 28.00
e 32 16.00
e 34 25.00
(SS) 48 07.00
YJA 145.41 62 iPKPc 31 19.40 1.8
HJA 146.22 63 iPKPc 31 19.80 1.5
SLA 147.22 65 ePKPc 31 22.60 2.5X
FSA 147.80 67 iPKP 31 23.00 2.2X
PEL 148.76 83 iPKPd 31 25.00 2.8X
BAO 148.98 29 PKPc 31 23.70 0.6
e 31 27.20
e 31 28.40
e 31 34.90
e 31 39.10
e 31 42.00
e 32 00.90
e 32 17.50
e 32 27.20
e 32 47.20

MDZ 149.93 81 i(PKP) 31 25.30 1.3
RFA 151.17 84 e(PKP) 31 25.20 -0.6
MRA 151.90 77 e(PKP) 31 30.20 3.3X
TCA 152.07 74 e(PKP) 31 28.00 0.7
VAO 156.09 34 ePKP 31 34.90 1.9
LPA 158.69 73 ePKP+ 31 34.00 -1.7
S.D. = 1.0 on 559 of 602 obs.

& DEC 07, 1992 03h 31m 02.16s
34.363 N 116.928 W
DEPTH = 0.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 3.0 (GS).
Felt.

PEC 0.51 202 iPd 31 11.92 -0.4
eS 31 19.09
SSK 0.65 257 ePc 31 14.65 -0.5
eS 31 24.06
GSC 0.94 6 iPc 31 19.91 -1.0
PLM 1.01 177 ePd 31 21.14 -1.1
eS 31 35.25
ISA 1.81 316 ePn 31 33.04 -1.8
ePg 31 35.94
GLA 2.19 126 ePnd 31 38.17 -2.1
BCH 2.72 288 eP 31 47.60 -0.4
MTUM 3.27 336 ePn 31 54.25 -1.5
ePg 32 03.01
TNP 3.72 356 (Pg) 32 10.34 8.1
MSU 5.64 41 (Pn) 32 28.68 -0.8
(Pg) 32 45.91
10 obs. associated

& DEC 07, 1992 03h 33m 31.47s
34.362 N 116.923 W
DEPTH = 1.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4.0 (PAS), 3.9 (GS).
Felt (IV) at Big Bear City and
Fawnskin; (III) at Beaumont,
Highland and La Quinta.

PEC 0.51 203 iPd 33 41.24 -0.4

SSK 0.66 257 ePc 33 44.01 -0.5
GSC 0.94 6 iPc 33 49.29 -0.9
PLM 1.01 177 iPd 33 50.48 -1.1
ISA 1.82 316 ePnc 34 02.45 -1.7
ePg 34 05.46
GLA 2.18 126 ePd 34 07.37 -2.1
BCH 2.73 288 ePnd 34 15.46 -1.9
PKEM 3.11 304 eP 34 20.09 -2.5
MTUM 3.27 336 ePn 34 24.33 -0.7
ePg 34 32.27
MRCM 3.54 339 (Pn) 34 28.54 -0.4
MMPM 3.66 333 ePn 34 30.72 -0.1
MEMM 3.68 334 ePn 34 29.90 -0.8
TNP 3.72 356 ePn 34 30.85 -0.6
BONR 3.76 343 ePn 34 29.94 -2.2
CMB 4.61 324 ePnc 34 42.78 -1.2
MSU 5.64 41 ePn 34 56.81 -1.9
DUG 6.68 28 (Pn) 35 10.05 -3.3
SRU 6.99 45 (Pn) 35 16.78 -0.9
EMUT 7.31 40 eP 35 22.31 0.1
PV09 7.51 54 (P) 35 24.94 -0.2
PV08 7.88 55 (P) 35 24.11 -6.2
ALQ 8.64 83 (P) 35 38.45 -2.4
BW06 10.19 32 (P) 36 03.28 1.1
23 obs. associated

* DEC 07, 1992 03h 35m 11.86± 1.28s
50.421 N ±19.5km 18.805 E ± 7.4km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.1 (WAR).

OJC 0.67 107 ePg 35 24.60 -0.5
iSg 35 33.90
SPC 1.55 142 iPn 35 40.30 0.6
iSg 36 00.70
KSP 1.65 286 ePn 35 42.10 1.1
0.7s 76.00nm
VRAC 1.81 233 ePn 35 44.40 1.1
0.4s 26.99nm
eSg 36 07.40
ZST 2.49 207 eP 36 01.40 8.3X
i 36 20.20
PSZ 2.60 164 e(P) 36 00.90 6.1X
PRU 2.77 263 ePn 35 56.70 -0.4
Pg 36 04.50
Sg 36 39.40
BRG 3.13 280 ePg 36 10.00 7.9X
eSg 36 52.00
eSg 36 52.00
KHC 3.63 251 Pn 36 08.00 -1.2
ePg 36 21.60
eSg 37 02.00
GEC2 3.67 247 Pn 36 09.40 -0.6
Sg 37 02.60
GRF 4.94 264 ePg 36 40.00 12.1X
eSg 37 48.00
S.D. = 1.1 on 7 of 11 obs.

DEC 07, 1992 04h 06m 47.35± 0.43s
23.896 S ± 4.9km 66.688 W ± 7.4km
DEPTH = 209.6 ± 4.1 km
5.1mb (25 obs.)
JUJUY PROVINCE, ARGENTINA (128)

HJA 1.36 60 iPd 07 22.00 1.0
S 07 49.00
SLA 1.37 128 iPd 07 22.50 1.2
(S) 07 45.70
YJA 2.04 33 iPd 07 30.50 2.7
FSA 2.26 164 iPd 07 30.20 0.6
(S) 07 57.00
ANT 3.42 272 iPc 07 42.50 -0.4
iS 08 22.60
CYA 4.60 170 iPc 07 58.40 0.8
CCH 6.50 5 eP 08 21.00 -1.2
CNCB 7.15 350 iPc 08 32.20 1.2
S 09 53.00
LPB 7.44 349 iPc 08 35.20 0.5
1.0s 336.00nm 5.5mb
TCA 7.64 166 iPc 08 35.00 -2.0
(S) 08 59.00
ZOBO 7.69 350 iPc 08 38.30 0.2
MRA 8.53 174 e(P) 08 46.00 -2.3

ARE 8.66 328 eP 08 48.00 -2.4
iS 10 19.50
SIV 9.47 35 iPc 09 03.40 2.8X
PEL 9.86 200 eP 09 04.00 -1.6
RFA 10.95 188 ePc 09 16.20 -3.4X
VAO 18.12 91 ePc 10 44.10 -2.3
e 10 47.30
BAO 19.40 68 Pd 10 58.30 -1.4
e 11 01.30
e 11 03.50
e 11 09.00
e 11 14.10
e 11 29.50
e 11 35.10
e 11 48.10
e 11 57.90
e 17 29.90
e 17 39.00
e 18 01.00
e 18 21.10
e 19 35.50
HBF 58.00 346 eP 16 19.53 -0.7
e 16 29.35
PRM 59.55 345 eP 16 29.42 -1.5
LHS 59.58 346 eP 16 29.87 -1.2
CEH 60.61 348 eP 16 36.59 -1.5
e 16 45.20
MIAR 63.48 335 eP 16 54.97 -2.1
0.9s 24.12nm 5.0mb
NVL 63.87 159 iPd 16 58.80 -0.4
1.0s 94.00nm 5.6mb
ELC 64.45 340 eP 17 01.03 -2.3
VVO 65.02 334 eP 17 06.10 -0.9
RLO 65.46 335 eP 17 09.00 -0.8
FVM 65.47 340 ePc 17 07.79 -2.0
1.0s 51.80nm 5.3mb
LNO 65.54 334 ePd 17 09.10 -1.1
LNO2 65.54 334 eP 17 09.10 -1.2
LNO3 65.54 334 eP 17 09.20 -1.1
TUL 65.54 334 ePd 17 09.10 -1.2
1.2s 64.40nm 5.3mb
SIO 65.61 334 e(P) 17 09.90 -0.8
FNO 65.64 333 iPc 17 10.50 -0.4
MEO 65.74 332 iPc 17 10.10 -1.5
SPA 66.25 180 iPd 17 14.90 0.1
0.8s 63.33nm 5.4mb
LIC 67.13 72 P 17 19.30 -1.5
KIC 67.45 72 P 17 20.70 -2.1
0.4s 3.00nm 4.4mb
RSNY 68.49 354 eP 17 27.96 -0.6
1.2s 53.80nm 5.2mb
LMN 69.43 1 ePc 17 36.60 2.3
ALQ 69.62 326 ePd 17 36.30 0.3
1.1s 32.23nm 5.0mb
TUC 69.98 321 iPc 17 38.92 0.8
1.2s 19.93nm 4.7mb
EEO 71.09 351 eP 17 46.50 2.1
GLD 72.82 330 eP 17 56.03 1.2
1.4s 8.60nm 4.3mb
PV08 73.54 327 eP 17 59.78 0.5
PV09 73.72 327 eP 17 59.38 -0.9
SRU 74.89 326 eP 18 07.09 0.2
MSU 75.31 325 eP 18 09.66 0.4
e 18 21.06
RSSD 75.84 333 ePc 18 12.35 0.2
0.9s 28.33nm 5.0mb
DAU 76.24 327 eP 18 15.45 0.9
DUG 76.88 325 ePd 18 18.86 1.0
1.2s 18.78nm 4.7mb
BW06 77.21 329 ePd 18 19.21 -0.6
1.4s 22.90nm 4.7mb
TNP 77.78 321 eP 18 23.39 0.4
1.0s 12.92nm 4.6mb
HVV 78.03 327 eP 18 24.49 0.3
ULM 78.22 341 eP 18 27.00 2.2
MEMM 78.49 320 eP 18 28.46 1.9
MMPM 78.50 320 eP 18 28.31 1.2
PTI 78.63 328 eP 18 28.28 0.8
HHA 78.95 328 ePc 18 30.08 0.9
LRM 80.87 330 ePd 18 40.30 0.9
NTYM 81.18 319 (P) 18 44.45 3.7X
ORV 81.24 320 ePd 18 41.99 0.9
MAW 81.45 163 iPc 18 42.80 1.0
1.0s 50.00nm 5.2mb
SES 83.72 333 ePd 18 53.60 0.0
VGB 84.78 325 eP 18 59.63 0.6
NEW 84.84 329 eP 18 58.59 -0.7

DPW	0.8s	18.33nm	4.9mb	KUR	1.51	17	iPnd	50	05.50	0.8	TOA	41.94	40	ePc	57	28.20	1.6				
FCC	85.08	328	ePd	19	00.97	0.5					KLK	42.13	41	eP	57	28.06	-0.1				
BUL	85.43	346	eP	19	06.00	4.2X	KUSJ	1.97	250	iP+	50	11.70	0.5	WMO	42.14	292	P	57	30.00	1.5	
BCAO	86.65	110	iPd	19	09.30	0.4															
	87.42	84	iPc	19	13.00	0.5	HO0J	3.22	245	P	50	31.20	2.3	Z	0.6s	8.30nm	4.6mb				
	0.8s	7.00nm	4.5mb												16s	0.52um	4.5MszX				
CSY	90.08	179	iPd	19	25.90	1.8	ASAJ	3.34	277	iPd	50	33.90	3.3X	BALM	43.90	41	ePc	57	42.76	0.1	
	0.7s	30.30nm	5.3mb				MRRJ	4.72	255	eP	50	51.90	1.9	LSA	46.26	272	P	58	03.80	1.6	
MFF	92.32	39	eP	19	34.10	-0.5									1.0s	24.00nm	5.1mb				
	1.3s	70.05nm	5.6mb				AOMJ	6.04	240	P	51	09.60	1.0	GUN	51.08	273	P	58	39.30	-0.2	
YKA	94.12	340	eP	19	41.90	-0.6	OFUJ	6.30	224	iPd	51	11.20	-1.0		0.4s	3.00nm	4.7mb				
	0.8s	8.50nm	4.9mb											FRU	51.23	296	eP	58	38.00	-2.0	
SSF	94.70	40	eP	19	44.60	-0.9	YAMJ	7.82	227	P	51	32.50	-0.9	KKK	51.58	274	P	58	42.94	-0.2	
	1.2s	22.90nm	5.3mb				NIJJ	9.06	227	P	51	49.70	-0.8	PKI	51.61	273	P	58	43.14	-0.4	
LOR	95.01	40	eP	19	46.00	-1.0	SKR	9.14	38	iPnd	51	50.50	-1.2	DMN	51.81	273	P	58	44.94	0.0	
	1.0s	9.40nm	5.0mb				Z	14s	1.30um				GKN	51.92	274	P	58	45.18	-0.4		
LPL	95.90	43	eP	19	51.70	0.3							RES	54.91	17	eP	59	05.00	-1.9		
	1.1s	11.50nm	5.1mb											0.5s	4.00nm	4.7mb					
LPG	95.90	43	eP	19	51.90	0.4	KAKJ	9.31	218	P	51	51.50	-2.5	YKA	55.73	34	eP	59	12.10	-0.8	
	1.3s	26.35nm	5.4mb											0.7s	16.40nm	5.2mb					
ASPA	128.67	204	iPKPc	25	31.40	-0.2	CHJJ	9.99	222	P	52	01.50	-1.8	VGB	61.79	53	eP	59	55.09	-0.3	
	0.9s	23.10nm											DPW	61.89	50	eP	59	55.20	-0.9		
GBA	144.61	100	PKP	26	00.00	-1.1	MTMJ	10.19	228	P	52	05.40	-0.7	NEW	62.26	49	eP	59	57.93	-0.5	
KSH	144.92	55	PKP	26	01.00	-0.1	IIDJ	10.97	224	P	52	16.60	-0.2		0.9s	34.31nm	5.5mb				
HYB	146.90	95	ePKP	26	05.00	0.1	PET	11.93	35	ePn	52	26.00	-3.5X	LBFM	63.54	57	ePc	00	07.45	0.2	
	1.0s	65.00nm											SES	64.17	44	iPc	00	10.40	-0.6		
							TSRJ	11.96	230	P	52	30.00	0.1		pP	00	30.00	75kmX			
NDI	147.37	74	iPKPc	26	06.50	1.2	MDJ	12.70	280	eP	52	40.70	1.0	KAF	64.31	333	iP	00	09.20	-2.4	
	0.8s	70.90nm												0.4s	2.30nm	4.6mb					
KUSJ	147.83	314	ePKP	26	08.00	2.5X	CN2	15.74	278	eP	53	18.50	-0.8	WB2	64.51	193	iPc	00	13.70	0.4	
ASAJ	148.67	317	ePKP	26	11.50	4.6X		0.8s	9.10nm			4.0mb X			0.8s	4.30nm	4.5mb				
HO0J	149.09	314	ePKP	26	12.30	4.8X	Z	18s	0.83um			4.3Msz		ORV	64.85	59	eP	00	14.73	-0.7	
MRRJ	150.51	316	ePKP	26	15.50	5.8X								FCC	65.96	30	ePc	00	25.00	2.8	
WMO	151.08	40	iPKPd	26	17.00	6.3X	SNY	17.46	272	Pc	53	42.20	1.2	NUR	66.03	333	iP	00	20.70	-2.0	
GKN	153.92	75	PKP	26	15.52	0.2	Z	21s	0.56um						0.4s	6.30nm	5.0mb				
DMN	154.35	76	PKP	26	16.44	0.4	SEY	19.38	7	eP	54	01.00	-2.9	GBA	66.16	266	P	00	23.60	-0.5	
KKN	154.50	75	PKP	26	16.48	0.4		1.0s	53.00nm			4.8mb		LRM	66.28	49	iPc	00	24.90	0.0	
PKI	154.62	76	PKP	26	16.60	0.2	SMY	19.90	54	eP	54	09.85	0.5	KVN	67.24	57	(P)	00	31.31	0.3	
GUN	155.02	75	PKP	26	17.52	0.5		0.9s	204.35nm			5.4mb		BONR	67.80	58	eP	00	35.30	0.6	
GTA	160.77	33	PKP	26	24.60	1.5	BJI	23.35	272	eP	54	43.50	-0.5	MRCM	67.85	59	(P)	00	35.03	0.1	
		pPKP	27	07.00			Z	18s	0.35um			3.9Msz		HHA1	67.92	51	eP	00	35.70	0.6	
HHC	163.03	5	PKP	26	27.20	1.9	TIA	24.19	262	eP	54	52.40	0.1	ASPA	68.23	193	iPc	00	52.40	15.4X	
LZH	165.35	32	ePKP	26	29.50	1.8	BOD	24.87	316	eP	55	11.50	12.9X		0.7s	9.30nm					
TIA	167.29	346	ePKP	26	29.80	0.8		1.0s	8.00nm					TNP	68.39	58	ePc	00	38.44	0.2	
XAN	169.19	20	PKPc	26	31.50	1.2	NJ2	25.15	252	iPd	55	02.00	0.6		0.6s	20.34nm	5.3mb				
GYA	173.46	66	PKP	26	33.60	1.1	HHC	26.42	276	P	55	14.40	1.1	HVU	68.67	52	eP	00	39.99	0.2	
	S.D. = 1.2	on	89	of	98	obs.		0.8s	14.00nm			4.6mb		DUG	69.67	54	ePc	00	46.39	0.5	
							TIY	26.92	269	eP	55	18.90	1.0		0.6s	9.43nm	4.9mb				
? DEC 07, 1992 04h 45m 08.27±1.47s							Z	30s	0.62um			4.0MszX		BW06	69.83	50	ePc	00	46.78	-0.2	
1.874 N ±20.3km 97.605 E ±13.0km															0.6s	10.71nm	5.0mb				
DEPTH = 33.0km (normal)							BTO	27.61	276	eP	55	22.40	-1.8	NAO	69.87	339	P	00	44.20	-2.4	
4.6mb (2 obs.)							WHN	29.15	254	eP	55	40.00	2.0		0.5s	3.10nm	4.5mb				
NORTHERN SUMATERA, INDONESIA (706)							ILT	30.08	25	iPd	55	42.00	-3.9X	EMUT	71.08	53	ePc	00	54.00	0.2	
								0.9s	100.00nm			5.5mb		MSU	71.14	55	ePc	00	55.64	0.6	
BSI	4.27	327	eP	46	13.00	0.3	ZAK	30.29	298	eP	56	05.00	17.1X	ULM	71.43	37	ePc	00	58.00	1.8	
								1.3s	11.00nm				SRU	71.71	53	ePc	00	58.32	-0.1		
IPM	4.35	52	ePc	46	14.10	0.4	Z	18s	0.21um			3.8Msz	RSSD	71.88	46	eP	00	58.78	-0.6		
	0.4s	55.20nm					E	16s	0.29um					0.6s	21.05nm	5.2mb					
SNG	6.06	30	eP	46	38.00	0.0	XAN	31.13	265	Pc	55	55.00	-0.5	PV09	72.93	53	ePc	01	06.79	1.1	
	0.7s	150.68nm	5.8mb X					0.7s	5.20nm			4.4mb	PV08	73.15	53	ePc	01	05.73	-1.3		
BCAO	78.96	274	iPc	57	12.10	1.0							GLD	74.28	50	eP	01	07.24	-6.1X		
	0.3s	3.00nm	4.8mb				LZH	33.84	272	Pd	56	19.50	0.2		0.8s	14.22nm	4.9mb				
NUR	80.03	331	eP	57	15.00	-0.8		1.0s	52.00nm			5.4mb	STK	75.48	185	eP	01	23.40	3.5X		
NAO	86.80	331	P	57	49.40	-1.0															
	0.8s	2.70nm	4.5mb				GTA	35.35	280	P	56	33.40	1.2	OJC	75.78	328	eP	01	21.40	-0.1	
	S.D. = 1.0	on	6	of	6	obs.	CD2	36.48	264	eP	56	41.50	-0.1	SPC	76.44	327	eP	01	25.70	0.2	
								0.4s	59.00nm			5.9mb	KSP	76.57	331	iPd	01	25.60	-0.3		
% DEC 07, 1992 05h 20m 41.54±7.92s							TTA	37.36	39	ePc	56	48.88	0.1	ALQ	76.93	54	eP	01	29.19	0.7	
39.306 N ±55.9km 28.356 E ±14.1km								1.0s	24.10nm			5.1mb			0.7s	6.16nm	4.7mb				
DEPTH = 10.0km (geophysicist)							SVW	37.47	42	ePc	56	50.69	1.0								
TURKEY (366)								0.6s	103.86nm			5.9mb	CLL	77.31	333	iPc	01	29.30	-0.7		
MD 2.7 (ISK).							BRW	38.44	25	ePc	56	55.46	-2.1		1.2s	41.00nm	5.3mb				
							IMA	38.61	34	ePc	56	58.92	-0.4	BRG	77.36	332	iP	01	30.00	-0.3	
DST	0.37	35	iPg	20	48.70	-0.4		0.7s	36.64nm			5.4mb			1.0s	20.00nm	5.1mb				
													PRU	77.90	331	P	01	33.20	-0.1		
KCT	0.94	0	iPn	20	53.70	0.7	BGL	39.04	42	eP	57	03.09	0.2		1.0s	13.80nm	4.9mb				
BNT	1.10	342	ePn	21	02.00	-0.2	CP2	39.11	42	ePc	57	04.42	0.8	EKA	78.11	343	P	01	34.00	-0.3	
EDC	1.11	340	ePn	21	02.00	-0.3	CRP	39.15	42	eP	57	03.93	0.1		0.7s	13.10nm	5.1mb				
YLV	1.48	32	ePn	21	08.50	0.2	KDC	39.23	47	ePc	57	04.30	0.0	MOX	78.34	333	iPd	01	35.60	-0.1	
	S.D. = 0.6	on	5	of	5	obs.	SLKM	40.14	43	eP	57	11.20	-0.7		1.4s	22.00nm	5.0mb				
							PMR	40.59	41	eP	57	15.08	-0.3								
								0.8s	28.74nm			5.1mb	ZST	78.46	329	eP	01	36.60	0.2		
DEC 07, 1992 05h 49m 39.67±0.56s																					


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& DEC 07, 1992 05h 59m 51.14s
56.439 N 147.546 W
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
<AEIC>. ML 3.4 (AEIC).

SY1 3.40 312 eP 00 42.13 -3.1
eS 01 23.23

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CRP	15.10	42 eP	12	58.41	6.2X
SLKM	15.59	46 eP	12	57.80	-0.6
PMS	16.20	44 eP	13	07.80	1.6
IMA	17.55	27 eP	13	24.53	1.4
	0.8s	3.59nm			3.6mb X
KLU	17.90	46 eP	13	27.59	0.0
TOA	18.02	44 eP	13	30.30	1.3
FBA	18.70	35 eP	13	35.82	-1.4
	0.8s	6.44nm			3.9mb
BALM	19.41	49 eP	13	44.03	-1.8
YKA	32.56	48 eP	15	49.90	0.4
	0.3s	0.50nm			3.9mb
NEW	35.59	73 eP	16	16.06	0.3
	0.9s	12.32nm			4.8mb
SES	38.17	67 eP	16	37.00	-0.5
LRM	39.56	74 eP	16	50.40	1.0
DUG	42.49	81 (P)	17	14.84	1.5
	1.0s	5.88nm			4.3mb
BW06	42.97	76 eP	17	18.08	0.7
	1.0s	2.04nm			3.8mb
SNY	43.05	283 Pc	17	17.80	0.1
FCC	43.28	48 eP	17	24.00	4.6X
RSSD	45.49	71 (P)	17	37.88	0.2

? DEC 07, 1992 07h 14m 48.46 \pm 7.24 s
32.335 S \pm 54.4 km 71.430 W \pm 29.6 km
DEPTH = 33.0 km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.4 (SAN).

ROCH	0.73	151	iP+	15 02.33	-0.1
			iS	15 13.44	
JACH	0.79	116	eP	15 03.03	-0.2
			iS	15 14.29	
PEL	1.02	142	iP+	15 06.79	0.2
			iS	15 20.47	

LCCH 1.14 186 iP+ 15 08.57 0.4
 TACH 1.38 163 iP 15 11.44 -0.1
 FCH 1.38 136 iPd 15 12.10 0.2
 LNV 1.62 179 iP 15 14.57 -0.4
 S.D. = 0.4 on 7 of 7 obs.

% DEC 07, 1992 07h 15m 38.33±1.95s
 37.973 S ±14.5km 175.886 E ±12.7km
 DEPTH = 268.1 ± 20.8 km
 NORTH ISLAND, NEW ZEALAND (159)

URZ 1.01 107 P 16 14.50 -1.1
 NOZ 1.81 112 P 16 21.40 0.4
 HBZ 1.95 80 P 16 22.60 0.4
 BSZ 1.97 202 P 16 23.00 0.7
 MNG 2.66 187 Pc 16 28.90 0.1
 KIW 2.98 194 P 16 32.20 0.1
 CAW 3.20 191 P 16 34.40 0.0
 MTW 3.20 185 P 16 34.00 -0.4
 DIW 3.21 208 P 16 34.90 0.3
 AMW 3.33 182 P 16 35.70 -0.1
 MRW 3.38 195 P 16 36.50 0.1
 BLW 3.41 185 P 16 36.50 -0.2
 TCW 3.47 201 P 16 37.70 0.4
 MOW 3.48 188 P 16 37.20 -0.3
 ORZ 3.86 221 P 16 41.70 -0.1
 THZ 4.43 210 eP 16 48.40 0.0
 KHZ 4.79 201 P 16 53.20 0.6
 DSZ 4.91 219 eP 16 53.40 -0.7
 LTZ 5.54 209 P 17 02.10 0.3
 MQZ 6.23 202 P 17 09.90 -0.3
 S.D. = 0.5 on 20 of 20 obs.

DEC 07, 1992 07h 18m 03.45±0.77s
 43.002 N ± 6.8km 18.782 E ± 5.1km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.2 (TTG).

BRY 0.20 240 iPg 18 07.27 -0.7
 NKY 0.25 140 iPg 18 08.52 -0.2
 PLE 0.55 54 iPg 18 13.27 -0.8
 HCY 0.59 201 iPg 18 15.51 0.1
 TTG 0.67 148 iPg 18 15.46 -1.3
 BDV 0.72 177 iPg 18 17.46 -0.2
 IVA 0.83 99 iPg 18 20.21 0.7
 PVY 0.97 115 iPg 18 22.62 0.7
 ULC 1.09 161 iPg 18 24.93 0.9
 HVAR 1.72 277 iPn 18 34.40 0.8
 S.D. = 0.9 on 10 of 10 obs.

* DEC 07, 1992 07h 45m 09.89±0.84s
 17.709 N ±28.2km 65.531 W ±15.0km
 DEPTH = 10.0km (geophysicist)
 PUERTO RICO REGION (90)

CPD 0.49 312 P 45 20.10 0.2
 SJG 0.71 304 iP 45 23.90 -0.1
 PORP 1.11 288 P 45 31.00 0.3
 APR 1.36 303 P 45 34.30 -0.5
 MGH 3.32 107 eP 46 03.30 0.4
 PAG 4.05 114 eP 46 13.00 -0.3
 S.D. = 0.5 on 6 of 6 obs.

& DEC 07, 1992 07h 50m 33.30s
 35.068 N 116.992 W
 DEPTH = 3.6km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.8 (PAS), 3.5 (GS).

Felt at Barstow.

GSC 0.28 33 ePc 50 35.96 -3.0
 SSK 1.03 214 iPd 50 52.36 -1.2
 PEC 1.18 187 iPd 50 55.09 -0.9
 ISA 1.35 297 iPnc 50 57.77 -1.1
 PLM 1.71 176 ePd 51 03.43 -0.9
 BCH 2.54 274 ePn 51 14.27 -1.8
 MTUM 2.61 331 ePn 51 16.29 -0.9
 GLA 2.70 138 ePn 51 14.95 -3.4
 PKEM 2.73 292 (Pn) 51 19.25 0.5
 MRCM 2.87 335 ePn 51 20.75 -0.2
 TNP 3.01 357 ePn 51 21.77 -1.2
 MMPM 3.02 328 (Pn) 51 19.24 -4.0
 CMB 4.03 318 (Pn) 51 35.07 -2.1
 ARN 4.32 303 ePn 51 40.56 -0.8
 COE 4.37 301 eP 51 40.25 -1.8
 MSU 5.17 47 (Pn) 51 50.93 -2.7
 DUG 6.10 32 (Pn) 52 06.42 -0.2
 0.6s 3.29nm 4.3mb X
 PV09 7.17 59 (P) 52 21.19 -0.7
 HVU 7.47 25 (P) 52 25.41 -0.5
 PV08 7.55 60 (P) 52 23.36 -3.9
 20 obs. associated

% DEC 07, 1992 07h 54m 15.67±0.62s
 38.538 N ± 5.4km 14.594 E ± 7.3km
 DEPTH = 19.5 ± 7.6 km
 SICILY (398)

MNO 0.61 172 P 54 27.10 -0.6
 GIB 0.71 219 P 54 29.00 -0.2
 MSI 0.83 114 P 54 31.80 0.6
 MCT 1.18 220 P 54 38.00 0.7
 SOI 1.24 112 P 54 37.50 -0.4
 MEU 1.46 169 P 54 41.20 0.1
 TDS 1.76 50 P 54 45.60 0.2
 MGR 1.76 25 P 54 45.70 0.3
 SGO 2.09 15 P 54 49.60 -0.6
 S.D. = 0.6 on 9 of 9 obs.

& DEC 07, 1992 07h 58m 57.23s
 34.361 N 116.917 W
 DEPTH = 1.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS), 2.7 (GS).

PLM 1.01 177 eP 59 15.71 -1.5
 ISA 1.82 316 ePn 59 28.48 -1.5
 GLA 2.18 126 ePn 59 31.27 -3.9
 3 obs. associated

* DEC 07, 1992 09h 07m 48.24±0.87s
 51.376 N ±12.5km 166.614 W ± 9.2km
 DEPTH = 33.0km (normal)
 4.6mb (8 obs.)

SOUTH OF ALEUTIAN ISLANDS (16)

SDN 5.40 40 ePd 09 07.76 -0.8
 0.6s 488.21nm 6.2mb X
 ADK 6.29 279 eP 09 18.85 -2.2
 0.3s 100.00nm 6.0mb X
 KDC 10.38 47 eP 10 16.22 -1.5
 SVW 11.49 28 eP 10 33.10 0.1
 BGL 12.63 33 ePc 10 48.10 -0.2
 CP2 12.69 33 eP 10 45.77 -3.3X
 CRP 12.72 33 eP 10 46.71 -2.8X
 TTA 12.91 22 eP 10 51.87 0.0
 0.8s 4.99nm 4.6mb
 SLKM 12.93 39 eP 10 50.53 -1.6
 PMS 13.64 37 eP 10 59.00 -2.5X
 KLU 15.21 40 eP 11 19.43 -2.6X
 TOA 15.45 38 eP 11 23.40 -1.7
 IMA 16.13 19 (P) 11 35.29 1.3

0.8s 3.71nm 3.6mb X
 BALM 16.51 45 eP 11 38.47 -0.2
 FBA 16.70 29 eP 11 37.84 -3.1X
 0.6s 2.82nm 3.6mb X
 BRW 20.49 9 (P) 12 27.32 1.8
 YAK 35.09 313 eP 14 40.00 0.1
 0.9s 26.00nm 5.2mb
 MCMT 35.80 79 ePc 14 46.80 0.4
 GSC 38.82 95 eP 15 12.24 0.6
 BW06 38.90 80 eP 15 12.81 0.4
 0.7s 4.66nm 4.4mb
 KAF 66.39 353 eP 18 36.40 0.9
 0.5s 2.60nm 4.6mb
 NUR 68.10 354 eP 18 47.40 1.2
 0.5s 2.30nm 4.5mb
 GEC2 80.16 360 P 19 58.50 2.3
 0.8s 1.11nm 3.9mb
 KBA 81.93 0 iPd 20 08.70 3.0X
 0.8s 8.50nm 4.8mb
 ASPA 91.10 232 iPc 20 49.70 -0.9
 1.0s 4.80nm 4.8mb
 S.D. = 1.3 on 19 of 25 obs.

* DEC 07, 1992 09h 53m 44.69±0.87s
 0.071 S ±11.5km 123.252 E ± 9.1km
 DEPTH = 141.0 ± 10.7 km
 4.9mb (3 obs.)

MINAHASSA PENINSULA, SULAWESI (265)

MNI 2.19 47 eP 54 23.50 1.5
 PCI 3.51 256 e(P)d 54 38.70 -0.3
 0.5s 57.52.00
 TNE 4.17 78 iPd 54 46.00 -1.7
 ASPA 25.63 157 eP 59 04.10 1.2
 0.4s 2.50nm 4.1mb
 STK 36.08 153 eP 00 34.20 -0.3
 GUN 45.35 311 P 01 51.00 -0.1
 0.4s 26.00nm 5.2mb
 PKI 45.54 310 P 01 52.44 -0.1
 KKN 45.75 310 P 01 53.94 -0.1
 DMN 45.79 310 P 01 54.40 0.0
 GKN 46.34 310 P 01 58.52 -0.2
 0.3s 13.00nm 5.1mb
 S.D. = 1.1 on 10 of 10 obs.

% DEC 07, 1992 09h 59m 34.68±1.48s
 40.653 N ±15.8km 30.058 E ±11.0km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).

EYL 0.11 139 iPg 59 37.90 0.2
 HRT 0.34 300 iPg 59 41.60 -0.2
 0.5s 59.45.60
 GPA 0.41 152 ePg 59 42.80 -0.3
 YLV 0.53 261 iPg 59 45.20 -0.2
 KCT 1.36 253 iPn 00 00.10 0.4
 S.D. = 0.4 on 5 of 5 obs.

% DEC 07, 1992 10h 57m 19.76±2.47s
 41.010 N ±14.1km 23.907 E ±17.0km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

SRS 0.26 294 ePg 57 25.50 0.2
 SOH 0.46 246 ePg 57 28.90 -0.2
 0.5s 57.38.06
 OUR 0.68 175 ePg 57 32.82 -0.4
 KNT 0.78 282 ePg 57 34.50 -0.4
 PAIG 1.10 189 ePb 57 40.78 0.5
 GRG 1.14 268 ePb 57 41.50 0.4
 S.D. = 0.5 on 6 of 6 obs.

* DEC 07, 1992 13h 08m 58.69±1.19s
 51.031 N ±13.1km 15.830 E ± 6.2km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 MG 2.8 (WAR).

KSP 0.35 123 iPd 09 05.00 -0.9
 0.3s 53.00nm
 BRG 1.20 263 iPg 09 19.40 -1.7
 0.5s 09.39.00

07d 13h

PRU 1.33 219 ePn 09 23.50 0.3
 Sn 09 42.50
 Sg 09 49.50
 VRAC 1.79 164 ePn 09 30.00 0.1
 eSg 10 03.00
 CLL 1.80 280 e(Pg) 09 31.00 1.0
 eSg 09 52.00
 KHC 2.39 218 ePn 09 38.40 -0.2
 ePg 09 47.40
 e 10 09.00
 eSg 10 23.00
 GEC2 2.58 213 Pn 09 42.10 0.8
 Pg 09 48.00
 Sg 10 29.50
 OJC 2.66 106 eP 09 42.80 0.5
 iS 10 19.00
 MOX 2.70 263 ePg 09 47.70 4.8X
 iSg 10 26.30
 S.D. = 1.1 on 8 of 9 obs.

& DEC 07, 1992 13h 38m 16.54s
 57.939 N 142.548 W
 DEPTH = 10.0km (geophysicist)
 GULF OF ALASKA (15)
 <AEIC>. ML 2.5 (AEIC).

CYK 2.15 1 eP 38 48.84 -4.0
 S 39 12.43
 KAIM 2.22 335 eP 38 48.53 -5.3
 S 39 13.94
 SNH 2.25 356 eP 38 49.23 -5.2
 eS 39 14.43
 PNL 2.39 42 iP 38 50.97 -5.4
 HQN 2.44 50 eP 38 51.67 -5.4
 S 39 20.28
 PCA 2.47 28 eP 38 52.30 -5.2
 S 39 19.97
 YAH 2.47 9 eP 38 52.60 -5.0
 S 39 19.31
 BCPM 2.52 36 iP 38 52.93 -5.3
 HMT 2.56 341 eP 38 53.40 -5.4
 RAGM 2.69 337 eP 38 54.55 -6.1
 CROM 2.84 354 eP 38 57.13 -5.8
 CVA 3.09 329 eP 39 01.30 -4.9
 CTGM 3.10 11 eP 39 01.21 -5.3
 S 39 35.89
 BALM 3.11 2 eP 39 01.40 -5.2
 eS 39 35.86
 HIN 3.20 322 eP 39 01.78 -6.0
 GLB 3.57 350 eP 39 07.01 -6.2
 KLU 3.95 336 iP 39 12.17 -6.4
 MPA 4.34 309 eP 39 16.92 -7.0
 KNK 4.59 322 eP 39 21.56 -6.1
 SLKM 4.71 306 eP 39 22.93 -6.4
 20 obs. associated

? DEC 07, 1992 13h 52m 20.52±1.00s
 5.768 S ±18.0km 146.111 E ±16.0km
 DEPTH = 109.2 ± 9.0 km
 4.6mb (1 obs.)

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

YYYY 0.49 197 eP 52 38.20 0.6
 eS 52 53.50
 MDG 0.61 327 iPc 52 37.80 -0.5
 FINC 1.93 116 eP 52 53.00 0.0
 PMG 3.76 164 eP 53 14.50 -3.1X
 eS 53 55.00
 ASPA 21.33 212 iPc 57 00.90 0.6
 0.4s 11.20nm 4.6mb
 i 00 54.10
 STK 26.32 189 eP 57 46.50 -1.4
 SIV 145.48 129 PKP 11 49.00 0.7
 S.D. = 1.3 on 6 of 7 obs.

? DEC 07, 1992 14h 22m 24.22±1.68s
 10.254 N ±16.1km 67.216 W ±11.6km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF VENEZUELA (97)

GUAC 0.08 221 iPc 22 26.70 -0.1
 iS 22 28.90
 LLAV 0.46 61 iP 22 33.10 -0.5
 eS 22 41.30
 OLLA 0.47 120 iP 22 33.10 -0.7
 iS 22 40.00
 GUAN 1.57 101 iP 22 53.60 1.3

S.D. = 1.5 on 4 of 4 obs.
 & DEC 07, 1992 14h 41m 32.84s
 33.535 N 118.406 W
 DEPTH = 0.3km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS).

SSK 0.90 41 eP 41 49.10 -1.7
 eS 42 02.41
 PEC 1.10 71 (P) 41 53.76 -0.6
 eS 42 06.54
 PLM 1.30 98 ePc 41 55.48 -2.5
 GSC 2.20 36 (P) 42 09.59 -1.7
 4 obs. associated

DEC 07, 1992 14h 58m 02.57±0.59s
 5.979 N ± 4.1km 125.934 E ± 7.8km
 DEPTH = 152.3 ± 6.2 km
 5.0mb (15 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)

BIP 2.25 8 iPc 58 40.00 -1.2
 iS 58 57.50
 CGP 2.75 334 iPc 58 48.00 0.6
 iS 59 20.00
 PLP 5.24 350 ePd 59 20.80 0.8
 TNE 5.33 165 eP 59 21.00 -0.3
 eS 59 29.00
 PGP 8.94 327 iPc 00 13.30 3.7X
 KHKI 17.58 216 eP 02 01.40 1.7
 e 04 15.50
 MTN 19.40 165 iPd 02 19.10 -0.2
 KNA 21.77 173 eP 02 44.00 1.0
 IPM 24.84 268 ePc 03 13.40 0.8
 OIS 29.60 153 eP 03 53.50 -2.0
 0.5s 4.00nm 4.4mb
 NANU 30.14 199 eP 04 00.00 -0.2
 ASPA 30.47 165 iPc 04 02.50 -0.7
 0.7s 42.50nm 5.3mb
 eS 08 50.80
 MEEK 33.19 192 iPc 04 25.80 -1.0
 0.5s 23.00nm 5.2mb
 BJI 35.03 347 eP 04 41.50 -0.8
 MRWA 36.28 195 iPc 04 52.70 -0.3
 0.4s 17.00nm 5.1mb
 FORT 36.61 177 iPc 04 55.90 0.2
 0.3s 10.00nm 5.1mb
 COOL 36.94 187 eP 04 57.00 -1.5
 BAL 37.44 193 eP 05 02.30 -0.4
 0.4s 34.00nm 5.4mb
 KLB 38.17 191 eP 05 09.00 0.2
 0.4s 44.00nm 5.5mb
 MUN 38.87 193 iPc 05 14.80 0.2
 0.6s 72.00nm 5.6mb

STK 40.50 159 iPc 05 28.60 0.6
 CMS 41.82 154 iPc 05 38.80 -0.1
 GUN 43.79 305 P 05 55.48 0.1
 0.3s 13.00nm 5.0mb
 PKI 44.05 304 P 05 56.60 -0.8
 KKN 44.23 304 P 05 58.64 -0.2
 DMN 44.31 304 P 05 58.84 -0.6
 GKN 44.84 304 P 06 03.38 -0.1
 0.3s 3.00nm 4.4mb
 BFD 45.65 161 iPc 06 10.00 0.5
 0.8s 27.00nm 4.9mb
 TOO 47.01 159 eP 06 21.70 1.4
 0.5s 16.00nm 4.9mb
 GBA 48.32 283 P 06 31.00 0.3
 YAK 55.99 2 eP 07 26.30 -0.7
 CSY 72.95 186 iPc 09 17.30 0.7
 0.6s 12.80nm 4.8mb

TTA 79.27 27 eP 09 53.60 1.3
 IMA 80.66 24 ePc 10 01.10 1.4
 PMS 82.15 29 eP 10 07.70 0.4
 TOA 83.77 28 eP 10 17.40 1.7
 KAF 89.25 332 eP 10 40.70 -1.5
 0.3s 1.90nm 4.6mb
 YKA 97.79 24 eP 11 20.90 -0.4
 0.8s 1.20nm 4.5mb
 KIC 129.27 283 PKP 16 55.30 -0.1
 TIC 129.47 284 PKP 16 55.00 -0.8
 LIC 129.58 283 PKP 16 55.80 -0.2
 TCA 152.91 160 iPKPd 17 44.00 7.9X
 ZOBO 162.83 128 ePKP 17 49.00 0.1
 e 18 41.00

S.D. = 0.9 on 41 of 43 obs.

? DEC 07, 1992 15h 23m 53.66±1.96s
 44.576 N ± 7.4km 7.487 E ±18.2km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.4 (GEN).

PZZ 0.28 256 P 23 59.71 0.0
 S 24 03.91
 BHB 0.31 329 P 24 00.11 0.0
 S 24 04.46
 STV 0.35 199 P 24 00.83 -0.1
 S 24 05.74
 ENR 0.35 188 P 24 01.03 0.1
 S 24 06.30

S.D. = 0.1 on 4 of 4 obs.

DEC 07, 1992 15h 24m 52.43±0.54s
 44.605 N ± 4.5km 7.446 E ± 5.1km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.1 (GEN).

PZZ 0.27 248 P 24 58.62 0.5
 S 25 02.79
 BHB 0.27 331 P 24 58.94 0.8
 S 25 03.24
 STV 0.37 194 P 24 59.81 -0.3
 S 25 04.71
 ENR 0.38 183 P 25 00.13 -0.1
 S 25 05.21
 ROB 0.43 135 P 25 01.73 0.4
 S 25 08.23
 RSP 0.56 346 P 25 03.11 -0.8
 S 25 10.34
 RRL 0.57 304 P 25 03.70 -0.4
 FIN 0.67 126 P 25 05.16 -0.7
 PCP 0.79 94 P 25 08.41 0.6
 S.D. = 0.7 on 9 of 9 obs.

? DEC 07, 1992 16h 39m 11.55±3.49s
 41.300 N ±27.5km 23.341 E ±10.1km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

SRS 0.26 134 iPg 39 16.78 -0.3
 eSg 39 20.98
 KNT 0.36 248 iPg 39 18.98 0.0
 eSg 39 24.70
 SOH 0.48 179 ePg 39 21.06 -0.2
 eSg 39 27.94
 OUR 1.08 153 ePg 39 32.42 0.6
 S.D. = 0.7 on 4 of 4 obs.

? DEC 07, 1992 16h 48m 44.47±1.62s
 10.596 S ± 8.9km 123.501 E ±22.2km
 DEPTH = 33.0km (normal)
 4.0mb (1 obs.)

TIMOR REGION, INDONESIA (289)

KUPT 0.45 13 eP 48 54.50 0.1
 KNA 7.25 136 eP 50 31.40 0.6
 eS 52 00.00
 MTN 7.80 107 eP 50 37.90 -0.7
 eS 52 10.00
 WARB 15.79 170 eP 52 25.50 -0.6
 ASPA 16.35 144 iPc 52 33.80 0.5
 0.6s 7.50nm 4.0mb
 i 52 37.00

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

DEC 07, 1992 17h 33m 30.17±0.66s
 24.394 S ± 5.0km 69.475 W ±10.2km
 DEPTH = 85.9 ± 8.0 km
 4.8mb (3 obs.)

NORTHERN CHILE (123)

ANT 1.10 308 iPd 33 51.20 0.2
 iS 34 05.00
 FSA 3.56 119 eP 34 27.30 3.1X
 HJA 3.91 73 iP 34 32.20 3.2X
 S 34 41.50
 YJA 4.27 60 ePd 34 36.30 1.7
 CYA 5.21 142 eP 34 49.50 2.2
 S 35 17.60
 RTPR 6.45 157 e(P)c 35 04.50 0.2

RTLL 6.97 173 ePd 35 11.70 0.2
 RTCB 7.09 175 ePc 35 16.30 3.0X
 ZON 7.16 175 eP 35 18.10 3.9X
 CFA 7.27 172 ePd 35 16.00 0.3
 RTCV 7.48 174 e(P) 35 18.80 0.2
 CCH 7.64 25 eP 35 24.00 2.9X
 CNCB 7.67 11 P 35 21.00 -0.8
 LPB 7.93 10 eP 35 31.00 5.9X
 TCA 8.16 149 i(P) 35 27.20 -0.7
 ZOBO 8.16 9 iPc 35 28.10 -0.4
 MDZ 8.48 176 i(P) 35 37.40 5.1X

MRA 8.65 158 ePd 35 33.60 -0.9
 IHA 8.81 192 eP 35 46.50 9.8X
 RFA 10.38 175 ePc 35 56.00 -2.1
 SIV 11.49 45 P 36 11.60 -1.4
 BAO 21.96 71 e(P) 38 15.00 -3.3X

e 38 17.50
 e 38 20.10
 e 38 28.20
 e 38 34.00
 e 38 35.50
 LIC 69.71 73 P 44 32.20 -0.9
 TIC 69.92 73 P 44 34.00 -0.4
 KIC 70.03 73 P 44 34.60 -0.4

0.7s 9.00nm 4.8mb
 e 44 56.00
 ULM 77.91 343 eP 45 22.50 2.6X
 LRM 80.04 331 eP 45 33.60 1.7
 MAW 81.72 163 eP 45 34.00 -6.1X
 1.0s 20.80nm 5.0mb
 YKA 93.73 341 eP 46 38.00 0.1
 0.7s 1.50nm 4.5mb
 ASPA 127.12 207 ePKP 52 26.80 0.2
 0.6s 3.70nm
 GBA 147.01 103 PKP 53 04.00 1.0
 S.D. = 1.2 on 20 of 31 obs.

* DEC 07, 1992 18h 44m 56.34 ± 2.27s
 19.185 S ± 8.5km 67.149 W ± 18.8km
 DEPTH = 203.3 ± 40.9 km
 SOUTHERN BOLIVIA (125)

CCH 2.03 28 P 45 36.00 -0.1
 CNCB 2.49 341 iPc 45 41.80 0.5
 S 46 17.30
 ZOBO 3.03 342 iPc 45 47.20 -0.4
 S 46 27.20
 YJA 3.35 153 ePc 45 51.20 0.0
 HJA 4.33 158 iPc 46 02.80 0.0
 SIV 6.61 62 P 46 32.40 0.1
 S.D. = 0.4 on 6 of 6 obs.

* DEC 07, 1992 19h 50m 16.69 ± 0.91s
 21.510 S ± 7.3km 179.167 W ± 21.8km
 DEPTH = 524.0 ± 8.7 km
 4.8mb (2 obs.)
 FIJI ISLANDS REGION (181)

SVA 4.05 326 ePc 51 37.90 0.1
 VUN 4.14 327 eP 51 38.20 -0.3
 WCZ 15.46 200 eP 53 37.60 6.7X
 WLZ 16.92 194 P 53 50.00 4.7X
 MNG 19.58 192 eP 54 10.40 -0.6
 ORZ 20.51 198 P 54 21.20 1.6
 THZ 21.27 197 eP 54 27.60 0.9
 DSZ 21.57 199 eP 54 30.20 0.9
 KHZ 21.73 195 eP 54 30.40 -0.3
 LTZ 22.39 197 P 54 36.30 -0.5
 MMCZ 25.34 200 eP 55 02.00 -1.4
 ASPA 43.24 258 iPc 57 33.50 0.5
 0.4s 6.80nm 4.5mb
 i 59 07.70

NANU 60.09 256 eP 59 34.30 -0.8
 SPA 68.62 180 iPd 00 27.60 -1.0
 0.6s 33.33nm 5.1mb
 EKA 146.09 4 PKPc 08 51.50 -5.2X
 0.8s 7.60nm
 DMU 147.13 8 ePKP 08 54.70 -3.7X
 DCN 147.62 9 ePKP 08 56.10 -3.1X
 DLF 147.77 8 ePKP 08 59.70 0.2
 CLL 148.77 345 iPc 08 59.70 -1.4
 0.8s 12.00nm
 i 09 05.00

BRG 148.94 344 i(PKP) 09 05.80 4.4X
 WTS 149.22 353 ePKP 09 01.00 -0.7

0.8s 19.00nm
 PRU 149.58 342 PKPd 09 02.00 -0.4
 ENN 150.53 353 ePKP 09 03.50 -0.3
 0.8s 6.00nm
 KHC 150.63 343 ePKP 09 04.40 0.3
 e 09 13.70
 GRF 150.69 346 ePKP 09 04.80 0.7
 e 09 13.70
 GEC2 150.85 342 PKP 09 04.80 0.3
 1.0s 5.71nm
 SNF 150.93 355 PKPc 09 05.50 1.1
 DOU 151.32 355 PKPc 09 05.80 0.8
 WLF 151.59 353 PKP 09 07.00 1.7X
 S.D. = 0.9 on 22 of 29 obs.

% DEC 07, 1992 19h 50m 20.16 ± 2.46s
 46.889 N ± 13.6km 1.672 E ± 16.6km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.8 (LDG).

LSF 0.65 189 Pg 50 33.10 0.0
 Sg 50 41.50
 TCF 0.71 148 Pg 50 33.90 -0.2
 Sg 50 42.90
 BGF 0.87 112 Pg 50 36.80 -0.1
 Sg 50 47.60
 MAF 0.91 137 Pg 50 37.40 -0.2
 Sg 50 48.20
 AVF 1.16 94 Pg 50 42.50 0.7
 Sg 50 55.80
 SSF 1.27 82 Pn 50 42.50 -1.2
 Pg 50 44.20
 Sg 50 59.80
 SMF 1.51 99 Pg 50 48.30 1.0
 Sg 51 07.30
 LOR 1.54 75 Pn 50 47.70 0.0
 Sg 51 08.70
 S.D. = 0.8 on 8 of 8 obs.

DEC 07, 1992 21h 04m 34.41 ± 0.53s
 42.450 N ± 3.9km 13.410 E ± 8.3km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 MD 3.0 (TRI).

AQU 0.10 183 Pc 04 37.10 0.0
 eSg 04 39.50
 SDI 0.80 158 P 04 50.00 0.0
 eSn 05 02.40
 RMP 0.83 220 P 04 49.40 -1.0
 eSn 04 59.90
 ASS 0.83 319 P 04 49.90 -0.6
 eSg 05 02.40
 RDP 0.86 217 P 04 51.50 0.4
 eSg 05 02.50
 ARV 1.10 342 P 04 55.60 0.5
 eSg 05 12.20
 CRE 1.59 318 P 05 03.10 0.3
 eSn 05 22.90
 RSM 1.63 335 P 05 04.10 0.8
 SFI 1.86 323 P 05 07.40 0.9
 SGO 2.37 142 P 05 14.50 0.6
 TRI 3.27 4 e(Pn) 05 40.10 13.5X
 e 05 42.70
 e 06 05.90
 e(Sg) 06 22.90
 VBY 3.33 23 eP 05 35.00 7.4X
 e(Sn) 06 09.80
 CTI 3.81 341 P 05 34.50 0.0
 FVI 4.17 354 P 05 39.30 -0.1
 eSn 06 25.30
 KBA 4.63 359 i(Pn) 05 50.10 4.0X
 iSn 06 37.00
 GEC2 6.40 2 Pn 06 09.30 -1.8
 Sn 07 19.90
 S.D. = 0.8 on 13 of 16 obs.

& DEC 07, 1992 21h 06m 38.81s
 62.229 N 148.949 W
 DEPTH = 41.6km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.7 (AEIC).

SML 0.51 145 iPc 06 49.10 -0.8
 eS 06 58.04
 PLRM 0.64 188 ePd 06 50.62 -0.9

PWA 0.73 218 ePc 06 52.26 -0.5
 eS 07 03.62
 HUR 0.82 337 iPd 06 53.22 -0.8
 eS 07 04.83
 KNK 0.85 164 iPc 06 53.95 -0.6
 eS 07 06.21
 SCM 0.86 117 iPc 06 53.56 -1.1
 PMS 1.03 197 ePd 06 56.46 -0.6
 SUA 1.15 229 ePc 06 58.20 -0.6
 eS 07 14.65
 RND 1.18 2 iPd 06 58.27 -1.0
 SKT 1.24 260 iPc 06 59.00 -1.0
 eS 07 17.11
 eS 07 17.29

TOA 1.31 94 ePc 07 00.78 -0.2
 PTE 1.37 182 ePd 07 01.29 -0.5
 TRF 1.37 334 ePd 07 01.03 -1.0
 eS 07 18.38
 MCK 1.51 0 ePd 07 03.15 -0.7
 KTH 1.61 327 eP 07 04.43 -0.8
 eS 07 24.04
 KLU 1.61 116 iPc 07 04.57 -0.8
 eS 07 25.82
 SDG 1.62 78 ePc 07 04.97 -0.3
 VLZ 1.66 130 eP 07 04.52 -1.4
 eS 07 25.71

TZL 1.67 95 ePc 07 06.35 0.3
 CGLM 1.72 239 eP 07 06.47 -0.4
 NCG 1.73 243 eP 07 06.29 -0.8
 MPA 1.76 187 eP 07 06.42 -0.9
 PAX 1.77 64 eP 07 07.39 -0.2
 SPU 1.81 236 ePc 07 07.87 -0.3
 SLKM 1.83 200 eP 07 07.90 -0.5
 CKN 1.84 238 eP 07 09.31 0.8
 CP2 1.84 240 eP 07 08.28 -0.4
 NKA 1.85 217 eP 07 11.20 2.6
 CKT 1.86 238 eP 07 08.89 0.0
 eS 07 32.49

BGL 1.90 241 eP 07 09.13 -0.3
 CKL 1.92 239 ePc 07 09.71 0.0
 SEW 2.15 187 eP 07 12.82 0.0
 HIN 2.18 146 ePc 07 12.26 -1.2
 WRH 2.28 9 eP 07 13.78 -1.1
 CVA 2.29 136 eP 07 13.91 -0.9
 RDT 2.35 227 eP 07 15.86 0.0
 NEA 2.36 359 eP 07 14.23 -1.7
 HDA 2.36 22 eP 07 14.56 -1.4
 DFR 2.43 229 ePc 07 17.03 0.0
 CC8 2.48 11 eP 07 17.22 -0.4
 REF 2.51 228 ePc 07 18.19 -0.1
 NCT 2.54 231 eP 07 18.44 -0.2
 RSO 2.55 228 eP 07 18.62 -0.2
 RS2 2.55 228 eP 07 18.76 0.0
 RS1 2.55 228 eP 07 19.06 0.2
 RDW 2.56 228 eP 07 18.70 -0.1
 GLB 2.56 106 eP 07 17.76 -1.1
 FBA 2.73 10 eP 07 19.47 -1.7
 RAGM 2.77 130 eP 07 20.68 -1.1
 ILIM 2.90 224 eP 07 21.98 -1.7
 MLY 2.92 345 eP 07 22.21 -1.8
 CNPM 2.93 203 eP 07 23.66 -0.5
 CROM 3.15 115 eP 07 26.47 -0.9
 BALM 3.37 108 eP 07 28.51 -1.9
 CTGM 3.85 106 eP 07 36.23 -1.0
 55 obs. associated

DEC 07, 1992 22h 50m 29.27 ± 0.36s
 6.963 S ± 7.2km 104.544 E ± 7.6km
 DEPTH = 36.5km (4 depth phases)
 5.0mb (11 obs.) 4.3Msz (1 obs.)
 SUNDA STRAIT (276)

PPI 7.67 327 iP 52 18.00 -3.5X
 eS 53 45.00
 KHKI 11.05 98 ePd 53 07.10 -1.0
 e(S) 55 06.50
 e 57 07.20
 BSI 15.44 323 eP 54 00.00 -6.2X
 NANU 18.78 147 eP 54 47.00 -1.0
 eS 57 58.00
 BDT 24.67 347 eP 55 48.00 -0.2
 CHG 26.20 348 eP 56 02.50 -0.1
 MTN 26.82 105 eP 56 14.00 5.7X
 ASPA 32.71 124 iPd 57 00.70 -0.2
 0.8s 7.50nm 4.6mb
 i 57 12.40 44km
 GBA 33.79 307 P 57 10.90 0.7

07d 22h

HYB 35.30 314 eP 57 22.50 -0.7
 CD2 37.66 359 eP 57 42.20 -0.7
 LSA 38.66 341 eP 57 52.30 0.5
 PKI 39.00 332 P 57 54.10 -0.5
 GUN 39.08 333 P 57 55.20 0.0
 0.4s 19.00nm 5.2mb
 DMN 39.17 332 P 57 56.40 0.5
 KKN 39.25 332 P 57 56.00 -0.5
 GKN 39.73 332 P 58 00.40 0.0
 0.4s 14.00nm 5.1mb
 XAN 40.99 6 Pd 58 10.20 -0.3
 0.7s 14.00nm 4.8mb
 pP 58 19.00 30km
 sP 58 24.00
 PMG 42.23 96 eP 58 22.50 1.5
 STK 42.49 131 iPd 58 23.50 0.6
 i 58 35.40 43km
 TIY 45.05 9 eP 58 43.70 0.2
 Z 21s 0.38um 4.3msz
 GTA 46.34 355 eP 58 55.00 1.2
 BJI 47.98 12 eP 59 06.50 -0.1
 HHC 48.01 7 P 59 07.80 0.9
 1.2s 20.00nm 5.0mb
 QUE 51.62 318 eP 59 34.30 -0.6
 WMO 52.80 345 P 59 43.20 -0.1
 1.0s 7.00nm 4.6mb
 sP 59 56.50
 KSH 53.21 332 P 59 46.40 -0.1
 0.5s 20.00nm 5.4mb
 CN2 53.95 19 P 59 51.00 -0.7
 0.9s 12.00nm 4.9mb
 epP 00 00.00 30km
 MAIO 60.29 319 eP 00 36.00 -0.9
 BCAO 86.58 275 iPc 03 10.90 0.1
 1.0s 10.00nm 5.0mb
 i 03 26.00 52kmX
 KAF 90.64 333 eP 03 29.30 0.3
 0.6s 5.20nm 5.0mb
 NUR 91.06 331 iP 03 31.20 0.3
 0.5s 3.00nm 4.9mb
 KTK1 93.34 339 eP 03 49.14 7.7X
 eSg 04 16.02
 BAO 144.73 230 PKPc 10 04.10 -1.0
 e 10 05.00
 e 10 17.10
 SIV 153.11 212 ePKP 10 20.00 2.1
 S.D. = 0.8 on 31 of 35 obs.
 DEC 07, 1992 22h 56m 49.56 ± 0.73s
 39.282 N ± 6.6km 29.049 E ± 8.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).
 DST 0.46 315 iPg 56 59.00 0.1
 iSg 57 04.50
 KHL 1.03 159 ePn 57 09.00 0.0
 KCT 1.10 331 iPn 57 10.20 -0.1
 YLV 1.31 11 iPn 57 13.70 -0.1
 BNT 1.38 321 ePn 57 15.00 0.2
 EDC 1.40 320 ePn 57 15.00 -0.1
 EYL 1.54 33 ePn 57 17.30 0.1
 CIN 1.84 205 eP 57 40.00 18.6X
 S.D. = 0.1 on 7 of 8 obs.
 & DEC 07, 1992 22h 57m 42.50s
 38.818 N 122.765 W
 DEPTH = 2.0km
 NORTHERN CALIFORNIA (36)
 <BRK>. ML 3.2 (BRK).
 NTYM 0.44 169 eP 57 51.08 -0.1
 ZSP 0.96 155 eP 58 00.81 -0.7
 eS 58 15.25
 HMR 1.01 131 eP 58 02.21 -0.1
 BKS 1.03 156 eP 58 01.88 -0.8
 eS 58 16.35
 ORV 1.23 53 iPd 58 05.28 -0.8
 PCC 1.35 167 eP 58 06.01 -2.2
 eS 58 27.20
 ARN 1.76 146 eP 58 12.50 -1.7
 MIN 1.77 30 eP 58 13.36 -1.1
 GCC 1.89 161 eP 58 13.91 -2.1
 KMPM 1.91 327 eP 58 23.07 6.6
 LMEM 1.95 28 eP 58 18.45 1.3
 CMB 2.03 112 ePc 58 16.54 -1.6
 eS 58 43.09

LGPM 2.09 359 eP 58 23.72 4.6
 FHC 2.19 335 (P) 58 25.32 4.8
 LBFM 2.61 15 eP 58 30.52 3.8
 MPM 3.18 111 (P) 58 36.97 2.1
 BONR 3.61 102 (P) 58 41.16 0.2
 MTUM 3.62 112 eP 58 43.97 3.0
 KVN 3.65 85 (P) 58 41.66 0.3
 19 obs. associated
 DEC 07, 1992 23h 16m 49.83 ± 1.10s
 47.561 N ± 6.9km 13.442 E ± 9.6km
 DEPTH = 10.0km (geophysicist)
 AUSTRIA (546)
 ML 2.3 (VIE).
 BHG 0.41 293 ePg 16 56.70 -1.6
 KBA 0.49 188 iPg 16 58.90 -0.9
 i 17 04.40
 iSg 17 05.80
 WTTA 1.26 257 iPg 17 12.80 -0.6
 iSg 17 31.40
 WATA 1.29 261 iPg 17 13.70 -0.1
 iSg 17 31.80
 GEC2 1.30 8 Pg 17 13.80 -0.1
 Sg 17 31.30
 SOTA 1.56 258 iPg 17 18.30 0.6
 iSg 17 39.90
 KHC 1.57 3 Pg 17 18.00 0.1
 Sg 17 38.50
 FUR 1.58 293 iPg 17 18.70 0.8
 iSg 17 39.90
 OGA 1.79 248 iPd 17 22.90 1.8
 S.D. = 1.1 on 9 of 9 obs.
 DEC 07, 1992 23h 28m 40.49 ± 0.61s
 32.230 S ± 7.5km 69.398 W ± 7.0km
 DEPTH = 116.5 ± 11.1 km
 MENDOZA PROVINCE, ARGENTINA (139)
 MD 4.1 (SAN).
 MDZ 0.80 145 iP 29 02.20 1.5
 iS 29 18.00
 RTCV 0.82 64 iPd 29 01.30 0.5
 RTCB 0.90 35 iPc 29 02.00 0.4
 ZON 0.92 42 iPc 29 01.10 -0.7
 eS 29 16.10
 JACH 1.11 246 iP+ 29 03.62 -0.1
 iS 29 20.88
 CFA 1.16 58 iPd 29 04.80 0.5
 FCH 1.33 214 iPd 29 07.23 0.8
 iS 29 27.39
 PEL 1.42 230 iP+ 29 07.21 0.1
 iS 29 26.75
 ROCH 1.55 241 iP+ 29 08.21 -0.7
 iS 29 28.65
 SAN 1.62 221 eP 29 09.45 -0.1
 eS 29 30.10
 PCH 1.67 214 iPd 29 10.81 0.5
 iS 29 33.79
 TACH 1.92 222 iPd 29 13.07 -0.2
 iS 29 37.30
 CACH 2.14 208 iP 29 17.16 1.0
 iS 29 44.64
 LCCH 2.21 235 iP+ 29 15.69 -1.2
 iS 29 41.28
 LNV 2.41 224 iP+ 29 18.00 -1.5
 iS 29 46.04
 RFA 2.65 163 iPd 29 23.00 0.2
 S 29 53.00
 MRA 3.13 94 ePc 29 29.30 0.2
 S 30 03.00
 RTPR 3.13 53 e(P) 29 28.80 -0.3
 TCA 4.19 79 eP 29 42.20 -1.3
 (S) 30 25.00
 CYA 4.89 40 iPc 29 50.50 -2.6
 CNCB 15.41 5 eP 32 15.00 1.7
 ZOBO 15.91 4 eP 32 21.00 1.3
 S.D. = 1.1 on 22 of 22 obs.
 DEC 07, 1992 23h 37m 24.89 ± 0.45s
 40.716 N ± 4.1km 23.096 E ± 3.9km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 1.9 (SKO).
 THE 0.13 230 iPg 37 27.96 0.0
 iSg 37 29.84

SOH 0.22 62 iPg 37 30.04 0.3
 iSg 37 32.64
 KNT 0.47 342 iPg 37 34.48 0.0
 eSg 37 41.24
 SRS 0.55 43 ePg 37 35.72 -0.4
 iSg 37 43.88
 GRG 0.58 295 ePg 37 36.00 -0.7
 eSg 37 44.16
 VAY 0.72 327 iPg 37 39.30 0.2
 iSg 37 49.30
 LIT 0.77 217 ePg 37 39.64 -0.3
 eSg 37 50.64
 OUR 0.78 119 ePg 37 39.90 -0.1
 eSg 37 49.96
 PAIG 0.91 150 iPg 37 42.36 0.2
 eSg 37 55.16
 FNA 1.31 274 iPb 37 49.85 0.7
 S.D. = 0.4 on 10 of 10 obs.
 & DEC 08, 1992 00h 14m 09.97s
 33.967 N 116.300 W
 DEPTH = 0.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
 PEC 0.72 264 eP 14 23.68 -0.7
 S 14 33.00
 PLM 0.77 218 ePd 14 24.71 -0.7
 eS 14 35.20
 SSK 1.18 282 eP 14 32.49 -0.6
 eS 14 48.61
 GSC 1.39 343 eP 14 35.93 -0.7
 GLA 1.53 126 ePn 14 36.37 -2.3
 ISA 2.46 314 ePn 14 50.47 -1.6
 ePg 14 56.16
 eS 15 28.14
 6 obs. associated
 * DEC 08, 1992 00h 45m 23.78 ± 1.15s
 43.529 N ± 21.6km 147.722 E ± 13.5km
 DEPTH = 33.0km (normal)
 4.1mb (1 obs.)
 KURIL ISLANDS (221)
 KUSJ 2.24 260 P 45 57.50 -1.8
 S 46 19.30
 HOOJ 3.45 252 eP 46 17.30 0.8
 eS 46 54.40
 ASAJ 3.72 281 eP 46 20.90 0.6
 MRRJ 5.00 260 eP 46 39.00 0.5
 eS 47 32.30
 OFUJ 6.37 228 eP 46 57.60 -0.1
 eS 48 05.40
 YKA 55.76 34 eP 54 58.20 -1.0
 0.7s 1.30nm 4.1mb
 LRM 66.19 49 eP 56 11.40 1.0
 S.D. = 1.2 on 7 of 7 obs.
 DEC 08, 1992 02h 24m 26.15 ± 0.11s
 15.483 S ± 2.6km 168.012 E ± 3.0km
 DEPTH = 34.3km (10 depth phases)
 5.7mb (67 obs.) 5.1msz (16 obs.)
 VANUATU ISLANDS (186)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P. 8.: 33S, 66C
 Centroid Location:
 Origin Time 02:24:30.1 0.3
 Lat 15.18S 0.04 Lon 168.35E 0.03
 Dep 15.0 BDY Half-duration 1.5
 Moment Tensor; Scale 10**17 Nm
 Mrr= 2.27 0.05 Mtt= 0.28 0.08
 Mff= -2.56 0.08 Mrt= 1.03 0.16
 Mrf= 0.12 0.23 Mtf= 0.46 0.05
 Principal Axes:
 T Val= 2.73 Plg=66 Azm=352
 N -0.10 24 170
 P -2.63 1 261
 Best Double Couple: Ma=2.7*10**17
 NP1: Strike= 13 Dip=49 Slip= 122
 NP2: 149 50 58
 BKM 2.18 174 iPc 25 00.50 -0.4
 PVC 2.26 173 iPc 25 03.50 1.5
 iS 25 34.00
 DZM 6.72 193 iPc 26 02.60 -2.5
 iS 27 22.90

VUN	10.32	106	iPd	26	55.60	0.6	HON	49.50	43	P	33	30.00	14.4X		1.2s	83.98nm	5.6mb			
BRS	18.46	228	iPc	28	42.50	1.3	Z	24s	0.82um			4.6MszX		HHC	76.62	319	P	36	16.00	0.7
	1.5s	9.00nm			3.7mb	X	MRWA	49.64	245	eP	33	16.30	-0.4		1.2s	160.00nm	5.9mb			
RAB	19.21	304	e(P)	28	52.00	1.8		0.4s	12.00nm			5.3mb		Z	26s	0.85um	4.9MszX			
RMO	21.02	235	iPd	29	10.50	1.1	MUN	49.72	241	eP	33	16.70	-0.6	N	18s	0.96um				
	0.7s	105.00nm			5.3mb		NANU	49.91	253	eP	33	19.00	0.2			PP	39	03.00		
ARMA	21.14	223	eP	29	12.10	1.4		0.6s	68.00nm			5.9mb	CD2	77.03	307	eP	36	18.40	0.6	
	0.9s	54.00nm			4.9mb		PLP	50.17	299	iPd	33	21.00	0.2		1.2s	150.00nm	5.9mb			
WCZ	21.15	166	P	29	12.70	2.2	TSM	53.38	287	ePc	33	44.50	-0.5			PP	39	06.00		
CTA	21.21	254	iPd	29	12.00	0.6	TRT	54.67	271	iPc	33	35.00	-18.8X			S	46	06.00		
	1.5s	111.11nm			5.0mb			0.7s	50.10nm				BTO	77.46	319	iPd	36	20.00	0.0	
		i		29	23.00	44km	QCP	55.20	301	eP	33	56.00	-2.3	N	11s	0.17um				
		iS		33	06.00		KKM	55.58	289	ePc	34	02.20	1.0	E	11s	0.15um				
PMG	21.23	284	iPd	29	12.60	1.1		1.2s	274.80nm			6.2mb			pP	36	31.00	36km		
	1.3s	461.54nm			5.7mb		BAG	56.53	302	ePd	34	07.00	-1.1	LZH	79.35	312	Pc	36	31.00	0.5
FINC	21.64	292	eP	29	17.90	2.3	CHJJ	58.14	332	P	34	17.50	-1.4		1.5s	310.00nm	6.1mb			
RIV	23.78	217	eP	29	37.00	0.5	MAT	58.90	332	eP	34	22.00	-2.2	Z	20s	0.74um	5.0Msz			
URZ	24.07	162	eP	29	40.40	1.1		1.1s	54.43nm			5.6mb	E	15s	0.51um					
QLP	24.74	240	iPd	29	47.80	1.8	MTMJ	59.12	332	P	34	24.50	-1.4			sP	36	50.00		
	0.6s	33.00nm			5.1mb		TSRJ	59.12	330	P	34	25.90	0.1			eS	46	32.00		
QRZ	25.56	172	P	29	54.70	1.2	NIJ	59.13	333	P	34	24.90	-0.9	MAW	81.46	202	P	36	42.59	1.7
CMS	25.76	228	iPc	29	56.10	0.6	CSY	63.11	202	eP	34	51.80	-0.6	SVV	81.65	17	eP	36	41.09	-0.9
	0.6s	15.00nm			4.8mb			0.7s	13.10nm			5.2mb			1.3s	135.36nm	5.8mb			
BWA	25.82	220	eP	29	55.10	-1.0	ASAJ	63.68	340	P	34	56.70	0.4	CIT	82.05	329	eP	36	44.00	-0.2
		e		30	11.30	70kmX	SSE	64.56	316	Pc	35	01.00	-1.3	BGL	82.72	18	iPc	36	45.88	-1.7
MNG	25.87	167	P	29	55.60	-0.9		1.4s	44.00nm			5.4mb	CP2	82.76	18	iP	36	46.29	-1.7	
KIW	25.99	168	P	29	57.10	-0.5	Z	20s	0.60um			4.8Msz	CRP	82.79	18	iP	36	46.62	-1.5	
PGZ	26.06	166	P	29	57.40	-0.7			eS		43	40.00		YAK	82.93	343	iPc	36	47.80	-0.8
CAN	26.09	217	eP	29	59.60	1.0	YSS	66.23	341	(P)	35	12.20	-0.6		1.5s	190.00nm	6.0mb			
		e		30	11.00	44km	NJ2	66.71	316	Pd	35	16.00	-0.1			e	47	09.00		
		i		30	24.40			1.2s	62.00nm			5.6mb	TTA	83.04	16	eP	36	47.83	-1.4	
TCW	26.21	169	P	30	00.30	0.8	QIZ	66.73	299	eP	35	17.00	0.5	GTA	83.70	314	P	36	54.50	1.3
MTW	26.40	167	P	30	00.00	-1.3		1.2s	67.00nm			5.6mb		1.0s	100.00nm	5.9mb				
BLW	26.59	167	P	30	01.40	-1.7	PET	68.69	354	eP	35	27.00	-1.1	Z	20s	0.87um	5.1Msz			
AMW	26.60	167	P	30	02.20	-0.9		1.5s	200.00nm			6.0mb			pP	37	04.00	30km		
MOW	26.60	168	P	30	02.20	-1.0			eS		44	22.00		KMPM	83.91	45	(P)	36	54.75	0.6
LTZ	27.45	173	P	30	10.60	-0.4	WHN	68.98	312	Pd	35	30.50	0.2	PMR	83.97	19	iPc	36	52.98	-0.9
		e		30	14.80	15kmX		1.0s	44.00nm			5.5mb			1.4s	249.20nm	6.2mb			
QIS	27.46	255	iPc	30	11.00	-0.2	Z	20s	0.75um			4.9Msz	ARN	84.45	49	iPc	36	57.47	0.6	
	0.4s	6.00nm			4.6mb	X			eS		44	34.00		SHL	84.55	298	eP	36	58.00	0.2
STK	29.07	231	iPd	30	25.50	-0.2	MDJ	69.28	332	Pc	35	31.30	-0.6		1.1s	126.58nm	6.0mb			
		eS		35	23.10			1.2s	100.00nm			5.7mb	KLU	84.94	20	iPc	36	57.82	-1.0	
MMCZ	29.44	178	eP	30	28.20	-0.8	DL2	69.33	323	Pc	35	31.00	-1.3	PKEM	84.98	51	eP	37	07.45	8.0X
MHZ	29.50	178	eP	30	29.00	-0.5		1.0s	130.00nm			5.9mb	LGPM	85.01	45	eP	37	08.56	0.9	
LRCZ	29.51	178	eP	30	29.00	-0.6	Z	20s	0.37um			4.6Msz	TOA	85.30	20	eP	37	01.70	1.1	
ODZ	29.55	176	eP	30	29.00	-0.8			S		44	39.00		BOD	85.41	334	eP	37	00.30	-0.8
LSCZ	29.56	178	P	30	29.40	-0.6	SNY	70.23	326	Pc	35	36.00	-1.7		1.5s	92.00nm	5.8mb			
CMCZ	29.59	178	P	30	29.70	-0.6		24s	0.65um			4.8MszX	CMB	85.55	49	iPc	37	02.50	0.1	
TLC	29.63	178	P	30	30.50	-0.2	Z		S		44	48.00			1.8s	130.54nm	5.8mb			
TOD	29.69	218	iPc	30	31.50	0.3	TIA	70.37	318	eP	35	38.30	-0.5	Z	19s	0.93um	5.2Msz			
	1.2s	129.00nm			5.6mb			1.1s	28.00nm			5.2mb	LBFM	85.84	45	eP	37	04.44	0.5	
TUZ	30.41	178	P	30	37.10	-0.3	Z	20s	1.09um			5.1Msz	BALM	85.86	22	eP	37	02.06	-1.4	
BFD	31.25	221	eP	30	45.00	0.1	N	16s	0.78um				ISA	86.05	52	iPc	37	05.36	0.4	
	1.0s	42.00nm			5.2mb				S		44	47.00			1.2s	62.98nm	5.7mb			
WB2	32.34	257	iPd	30	53.40	-1.2	SNG	70.44	284	eP	35	41.00	1.4	IMA	86.19	15	iPc	37	04.52	-0.5
ADE	32.66	228	eP	30	57.60	0.2	CN2	70.66	329	Pc	35	40.20	-0.1		1.5s	83.46nm	5.7mb			
ASPA	33.09	250	iPd	31	00.20	-1.0		1.2s	110.00nm			5.8mb	MMPM	86.38	50	iPc	37	07.31	0.5	
	1.1s	176.00nm			5.9mb		GYA	72.73	305	iPd	35	54.00	0.7	PEC	86.41	54	eP	37	06.61	-0.1
		eS		36	17.60			1.2s	140.00nm			5.8mb		1.3s	22.80nm	5.2mb				
GUA	36.79	320	eP	31	25.30	-7.5X	Z	24s	0.70um			4.9MszX	PLM	86.45	54	iP	37	06.84	-0.2	
KNA	37.76	264	iPd	31	40.70	-0.3			pP		36	04.00	32km	MEMM	86.46	50	eP	37	08.12	1.4
	0.6s	125.00nm			6.0mb				SKS		45	54.00		ZAK	86.58	325	iPc+	37	07.20	0.2
FORT	39.54	240	eP	31	55.50	-0.2	NNT	73.09	289	eP	35	42.40	-13.0X		1.5s	138.00nm	6.0mb			
AFR	40.46	99	iPd	32	03.60	0.1	BJI	73.30	321	eP	35	55.00	-1.1	Z	18s	0.52um	5.0Msz			
PPT	40.65	99	iPd	32	05.10	0.0		1.5s	200.00nm			5.9mb	E	16s	0.29um					
PMO	42.49	95	iPd	32	20.40	0.3	Z	24s	0.70um			4.9MszX			e	40	28.00			
	1.3s	230.30nm			5.7mb				eS		45	20.00				eS	47	40.00		
VAH	42.71	96	iPd	32	21.80	-0.1			eSKS		45	57.00		MTUM	86.62	50	iPc	37	08.34	0.5
	1.9s	392.50nm			5.8mb				eSS		50	00.00		MRCM	86.78	50	eP	37	09.37	0.7
TPT	42.75	95	iPd	32	22.50	0.2	NST	73.83	292	eP	36	06.00	6.4X	FBA	86.85	17	iPc	37	06.29	-1.8
	1.2s	166.00nm			5.6mb		TIY	74.30	317	iPc	36	03.00	0.9		0.7s	27.70nm	5.6mb			
RUV	42.96	96	iPd	32	23.90	0.0		1.2s	170.00nm			5.9mb	BONR	87.04	49	iPc	37	10.72	0.7	
	1.5s	272.60nm			5.8mb		Z	18s	0.97um			5.1Msz	KVN	87.60	48	(P)	37	12.68	0.2	
TNE	43.33	288	eP	32	28.00	1.1	E	16s	0.52um				TNP	87.88	50	eP	37	14.27	0.3	
COOL	45.39	242	eP	32	43.00	-0.5			pP		36	12.00	29km		1.6s	94.04nm	5.8mb			
MNI	45.87	288	e(P)	32	48.20	0.8			PP		38	51.00		GMW	87.89	39	eP	37	13.92	0.4
MBL	45.95	255	iPd	32	40.30	-7.6X	SPA	74.61	180	iPd	36	04.10	0.5	GLA	87.94	55	P	37	15.76	1.7
	0.4s	26.00nm			5.5mb		XAN	74.72	312	Pc	36	04.00	-0.6	LON	88.15	40	eP	37	14.19	-0.6
MEEK	47.16	248	iPc	32	56.00	-1.5		1.2s	68.00nm			5.5mb	VGB	88.30	42	eP	37	16.75	1.2	
	0.4s	48.00nm			5.8mb				pP		36	14.00	32km	RMW	88.46	40	iPc	37	16.75	0.5
DAV	47.65	295	eP	32	54.60	-6.8X	KMI	75.31	302	Pc	36	09.00	0.6	MOY	88.47	325	eP	37	17.00	0.9
KLB	48.36	241	eP	33	06.00	-0.8		1.5s	230.00nm			5.9mb								

08d 02h

PKI	90.68	298 P	37	28.00	0.5	CDF	143.54	338 PKP	43	55.45	-3.7X		1.5s	150.95nm			
	1.2s	57.00nm			5.8mb	FEL	143.72	337 PKP	43	56.17	-3.3X	BCAO	148.05	253 iPKPc	44	09.90	2.4X
TIK	90.83	348 eP	37	26.00	-0.8	ECH	143.75	338 PKP	43	55.85	-3.6X		0.9s	63.00nm			
	1.4s	22.00nm			5.3mb	OSS	143.83	334 iPKPd	43	57.90	-1.9			i	44	33.90	
		e	37	35.00	28km	VITF	144.15	339 PKP	43	58.34	-1.7			i	45	34.00	
DPW	90.85	40 eP	37	27.60	0.1	LLS	144.16	335 ePKPd	43	58.70	-1.7			i	47	39.20	
KKN	90.86	298 P	37	29.00	0.9	BSF	144.20	338 PKP	43	57.63	-2.7X	LMR	148.06	334 ePKP	44	09.00	2.4X
	1.1s	63.00nm			5.9mb	HAU	144.21	339 iPKPc	43	57.40	-2.8X		1.5s	134.75nm			
TUC	90.93	57 iP	37	29.40	1.2		1.0s	51.60nm				RJF	148.17	342 iPKPc	44	09.70	2.9X
	1.3s	19.47nm			5.3mb	BBS	144.25	337 PKP	43	57.86	-2.5X		1.3s	111.20nm			
Z	21s	0.78um			5.1msz	VDL	144.27	334 ePKPd	43	59.20	-1.4	CAF	148.34	341 iPKPc	44	10.30	3.2X
GKN	91.46	299 P	37	31.20	0.3	LOMF	144.60	338 PKP	43	59.02	-1.9		1.1s	31.00nm			
	0.9s	28.00nm			5.7mb	TMA	144.83	335 iPKPc	44	00.10	-1.4	LFF	148.73	342 iPKPc	44	11.10	3.4X
NEW	91.67	40 eP	37	30.88	-0.3	ARV	144.91	328 PKP	44	01.00	-0.5		1.4s	201.25nm			
	1.6s	115.75nm			6.0mb	VAL	145.06	334 PKP	44	00.50	-1.1	LPO	148.83	342 iPKPc	44	11.20	3.4X
MSU	91.76	51 iPc	37	33.36	1.3	SFI	145.15	329 PKP	44	02.40	0.6		1.2s	71.10nm			
DUG	91.82	49 iP	37	32.70	0.5	MMK	145.24	335 ePKPd	44	02.60	0.3	EPF	150.58	341 ePKP	44	15.60	5.0X
	1.9s	47.79nm			5.6mb	CRE	145.32	329 PKP	44	01.80	-0.5		1.5s	65.30nm			
HVU	92.36	47 eP	37	34.42	-0.2	ASS	145.35	327 PKP	44	01.50	-0.9	EGRA	151.54	342 ePKP	44	18.79	6.8X
NVL	92.41	188 eP	37	34.00	-0.3	DIX	145.44	336 ePKPc	44	02.90	0.2	ECRI	151.77	345 ePKP	44	21.12	8.7X
	1.8s	77.00nm			5.8mb	AQU	145.46	326 PKP	44	03.20	0.7	STS	152.53	355 ePKP	44	20.99	7.6X
PTI	92.99	46 (P)	37	38.49	0.9	TDS	145.47	320 PKP	44	03.00	0.4	S.D. = 1.0 on 228 of 273 obs.					
HHA I	93.11	46 eP	37	39.12	1.0	FLN	145.49	347 iPKPc	44	01.00	-1.3	? DEC 08, 1992 02h 38m 42.32± 1.62s					
WMQ	93.76	314 P	37	41.80	0.8		1.2s	215.40nm				37.958 N ±12.1km 20.743 E ±13.7km					
	1.5s	79.00nm			5.9mb	FIR	145.55	330 ePKP	44	02.50	0.0	DEPTH = 10.0km (geophysicist)					
Z	22s	0.55um			5.0msz	SGO	145.55	322 PKP	44	02.50	-0.1	IONIAN SEA (399)					
		pP	37	52.00	32km	LDF	145.57	346 iPKPc	44	01.70	-0.8	MD 3.3 (ATH).					
		sP	37	56.50			1.3s	197.10nm				VLS	0.25	331 ePg	38	48.00	0.4
		PP	41	30.00		ORX	145.57	335 PKP	44	01.66	-1.1	IGT	1.60	349 eP	39	13.88	3.1X
		sS	49	03.00		ORO	145.58	335 PKP	44	01.90	-0.8	AGG	1.64	49 eP	39	12.08	0.8
HYB	94.03	287 eP	37	42.20	-0.4	EMS	145.63	336 ePKPc	44	03.20	0.3	VLI	2.14	125 ePn	39	18.50	-0.1
PV10	94.07	51 eP	37	42.94	0.2	BOB	145.64	333 PKP	44	03.20	0.4	KZN	2.48	18 ePg	39	31.00	7.6X
GBA	94.10	283 P	37	44.00	1.1	BDI	145.65	331 PKP	44	02.20	-0.7	LIT	2.54	32 eP	39	29.20	5.0X
PV08	94.42	51 (P)	37	45.94	1.5	SDI	145.67	325 PKP	44	02.90	0.0	FNA	2.86	10 eP	39	34.64	5.7X
BW06	94.94	47 eP	37	46.02	-0.6	LOR	145.68	341 iPKPc	44	02.50	-0.2	OHR	3.15	1 ePn	39	32.50	-0.4
	2.1s	45.25nm			5.5mb		1.5s	329.05nm				THE	3.18	32 eP	39	39.00	5.7X
SES	96.13	39 eP	37	52.00	0.4	LBF	145.90	340 iPKPc	44	03.20	0.1	SOH	3.50	34 eP	39	37.76	-0.2
ELT	97.40	323 iP	37	56.50	-0.7		1.3s	240.45nm				KNT	3.61	27 eP	39	38.96	-0.4
	1.4s	74.00nm			6.0mb	GRR	145.93	347 ePKP	44	03.10	0.0	SRS	3.85	34 eP	39	47.36	4.5X
YKA	97.88	27 eP	37	58.40	-0.8		1.2s	304.65nm				S.D. = 0.6 on 6 of 12 obs.					
	0.9s	22.60nm			5.7mb	SSF	145.98	341 iPKPc	44	03.60	0.4	DEC 08, 1992 04h 08m 29.08± 0.61s					
RSSD	99.16	47 (P)	38	05.87	0.2		0.1s	288.10nm				3.443 N ± 3.5km 125.816 E ± 5.8km					
Z	19s	0.37um			4.9msz	LSD	146.05	336 PKP	44	04.40	0.7	DEPTH = 102.2 ± 5.8 km					
BRVK	106.84	321 ePdiff	38	37.00	-2.6X	RSL	146.07	336 PKP	44	03.98	0.4	5.0mb (37 obs.)					
ARU	113.49	325 ePKP	43	00.00	-2.1X	LPL	146.17	336 ePKP	44	04.80	0.9	TALAUD ISLANDS, INDONESIA (263)					
ZOBO	116.23	117 ePKP	43	02.00	-7.3X		1.0s	76.00nm				CENTROID, MOMENT TENSOR (HRV)					
		LR	19	24.00		LPG	146.18	336 ePKP	44	05.00	1.0	Data Used: GDSN					
MCWV	116.69	53 PKP	43	20.00	11.2X		0.9s	75.35nm				L.P.B.: 22S, 29C					
Z	20s	8.93um			6.4mszX	PCP	146.21	333 PKP	44	03.12	-0.6	Centroid Location:					
CEH	117.35	57 PKP	43	20.00	9.9X	SMF	146.24	340 iPKPc	44	04.20	0.5	Origin Time 04:08:31.7 0.6					
	20s	1.05um			5.5msz		1.4s	207.35nm				Lot 3.57N 0.05 Lon 126.06E 0.06					
RSNY	120.22	47 PKP	43	30.00	14.6X	RSP	146.26	335 PKP	44	03.44	-0.5	Dep 98.1 4.2 Half-duration 1.1					
Z	19s	0.41um			5.1msz	AVF	146.27	341 iPKPc	44	04.40	0.7	Moment Tensor: Scale 10**16 Nm					
SIV	122.33	121 ePKP	43	21.00	0.8		1.2s	108.30nm				Mrr= 8.93 0.76 Mtt=-1.26 1.00					
OBN	125.71	328 ePKP	43	26.00	0.4	LPF	146.31	347 iPKPc	44	04.50	0.8	Mff=-7.67 1.57 Mrt= 2.02 0.75					
	1.0s	35.00nm					1.3s	261.40nm				Mrf= 2.67 0.84 Mtf=-2.00 0.89					
		e	43	37.00		CKI	146.42	333 PKP	44	05.20	1.2	Principal Axes:					
UZH	136.63	327 ePKP	43	47.50	0.9	BHB	146.51	335 PKP	44	03.72	-0.4	T Val= 9.59 Plg=79 Azm=319					
	1.4s	50.00nm				SOI	146.57	318 PKP	44	06.00	1.6	N -0.30 5 203					
OJC	136.87	330 ePKP	43	46.80	-0.2	FIN	146.62	333 PKP	44	04.63	0.3	P -9.29 10 112					
SPC	137.33	329 ePKP	43	49.00	0.8	BGF	146.63	341 ePKP	44	05.90	1.6	Best Double Couple: Mo=9.4*10**16					
KSP	138.03	333 ePKP	43	47.70	-1.5		1.2s	149.35nm				NP1: Strike=195 Dip=35 Slip= 81					
BRG	138.99	335 ePKP	43	50.60	-0.3	RRL	146.64	335 PKP	44	05.96	1.3	NP2: 26 55 96					
	1.3s	25.00nm				ROB	146.70	334 PKP	44	04.04	-0.5	MNI	2.21	206 eP	09	06.00	0.9
		e	44	13.10		PZZ	146.86	335 PKP	44	04.91	0.0			eS	09	23.30	
CLL	139.03	336 ePKP	43	49.00	-1.9	PLDF	146.91	340 PKP	44	07.20	2.4X	DAV	3.63	356 eP	09	24.50	0.3
SRO	139.21	329 ePKP	43	51.30	-0.1	ENR	146.95	334 PKP	44	04.95	0.0	BIP	4.77	5 ePd	09	40.00	0.1
PRU	139.42	334 ePKP	43	46.00	-5.7X	STV	146.97	334 PKP	44	06.05	1.0			iS	11	24.00	
ZST	139.54	330 e(PKP)	43	44.30	-7.7X	AGO	146.99	341 PKP	44	06.98	2.1X	CGP	5.10	347 iPd	09	44.00	-0.5
		e	43	50.80		IMI	147.00	333 PKP	44	04.36	-0.7			eS	10	30.00	
MOX	140.09	337 ePKP	43	53.00	0.1	MAF	147.02	341 ePKP	44	06.50	1.6	PCI	7.37	234 ePc	10	20.00	4.2X
KHC	140.47	334 ePKP	43	52.50	-1.2		1.1s	60.55nm						e	12	44.00	
	1.3s	9.90nm				TCF	147.07	342 iPKPc	44	06.50	1.5	PLP	7.72	354 ePd	10	20.50	0.0
		e	43	56.50			1.0s	68.80nm				TSM	7.97	276 ePc	10	23.50	-0.4
		e	44	25.00		SBF	147.24	334 ePKP	44	06.70	1.3		0.3s	202.30nm			6.2mb X
GEC2	140.64	333 PKP	43	53.50	-0.6		1.2s	203.50nm				PPR	9.44	312 ePc	10	46.00	2.1
	1.4s	5.06nm				PYM	147.30	340 PKP	44	07.87	2.4X	KKM	9.91	285 ePd	10	54.60	4.3X
SKO	140.97	319 iPKP	43	48.10	-6.7X	LSF											

CVP	14.70	345	eP	11	54.00	0.8		1.0s	10.00nm	4.8mb		DEPTH = 1.0km					
MTN	17.02	162	eP	12	19.00	-3.3X	MOY	52.36	341	eP	17 32.90	0.3	NORTHERN CALIFORNIA				
KNA	19.29	171	eP	12	47.40	-1.2	WMO	52.44	326	P	17 32.60	-0.3	<BRK>. ML 3.2 (BRK).				
OIZ	22.00	316	eP	13	16.50	0.5		1.5s	14.00nm	4.8mb			('3				
N	13s	1.25um					Z	20s	0.54um	4.6MsZ							
		pP	13	35.50	88kmX				18 06.00	144kmX		NTYM	0.45 168 eP 00 13.82 -0.1				
		eS	17	06.00					18 35.00			ZSP	0.97 155 eP 00 23.75 -0.5				
GZH	22.96	329	eP	13	26.50	1.1			PcP	22 37.60				eS 00 38.64			
WB2	24.71	160	iPd	13	41.30	-1.0			PcS	22 37.60		HMR	1.02 131 eP 00 25.00 -0.1				
IPM	24.76	273	ePd	13	46.10	3.3X			eS	24 54.00		BKS	1.04 155 eP 00 24.59 -0.9				
	0.6s	21.90nm			4.8mb				ScS	27 07.50				eS 00 39.50			
		e	14	02.90					SS	28 31.00		ORV	1.23 53 iPc 00 27.34 -1.4				
PMG	24.81	121	eP	13	43.00	-0.2	BOD	55.03	352	iPd	17 51.40	-0.6	PCC	1.36 166 iPd 00 30.76 -0.2			
	1.2s	37.50nm			4.7mb		PET	56.34	23	eP	18 00.00	-1.5			eS 00 48.93		
QIS	27.42	151	eP	14	06.00	-1.2	KSH	57.57	315	P	18 09.70	-0.9	ARN	1.77 146 eP 00 35.02 -2.1			
	0.4s	9.00nm			4.7mb		YAK	58.51	2	iPc	18 15.20	-1.4	KMPM	1.89 327 (P) 00 39.52 0.7			
SSE	27.85	351	Pd	14	15.00	4.1X		1.0s	130.00nm		6.0mb		CMB	2.04 112 eP 00 39.06 -1.9			
	1.2s	15.00nm			4.5mb		ELT	59.32	334	eP	18 20.40	-1.9	MMPM	3.20 111 eP 00 57.41 -0.3			
	Z	20s	0.50um		4.1MsZ			1.0s	12.00nm		5.0mb				S 01 36.44		
NST	28.04	297	eP	14	20.00	7.2X			e	19 08.00			MEMM	3.24 110 eP 00 57.71 -0.2			
ASPA	28.07	164	iPc	14	12.10	-1.0	QUE	61.53	303	eP	18 37.70	-0.4			S 01 39.89		
	0.4s	14.50nm			5.0mb		SMY	63.17	31	(P)	18 48.77	0.5	BONR	3.63 102 (Pn) 01 02.20 -1.6			
		eS	19	05.40			BRVK	67.14	327	iPd	19 12.00	-1.8			S 01 52.26		
NJ2	29.20	348	eP	14	19.00	-4.1X		1.2s	24.00nm		5.0mb		MTUM	3.64 113 eP 01 00.28 -3.6			
GYA	29.34	323	P	14	26.60	2.1	Z	24s	0.18um		4.2MsZ				S 01 31.52		
CHG	30.39	302	ePd	14	34.60	0.7	TIK	68.13	1	iPc	19 18.00	-1.6					
	1.0s	11.75nm			4.6mb			1.0s	60.00nm		5.5mb				13 obs. associated		
CTA	30.82	140	P	14	39.09	1.6			e	19 29.00					DEC 08, 1992 05h 22m 54.02± 0.25s		
TIA	33.58	347	eP	15	00.00	-1.4	MAIO	68.96	308	iPc	19 24.00	-0.8				50.519 N ± 5.5km 157.372 E ± 3.8km	
MRWA	33.81	196	eP	15	02.50	-1.0			eS	28 23.00						DEPTH = 37.0km (18 depth phases)	
FORT	34.10	177	eP	15	05.40	-0.5	NRI	70.41	347	iPc	19 32.00	-1.7				5.2mb (64 obs.) 4.4MsZ (7 obs.)	
XAN	34.27	335	Pd	15	05.50	-1.9		1.3s	55.00nm		5.2mb					KURIL ISLANDS (221)	
	1.2s	14.00nm			4.7mb		SVE	73.72	329	ePd	19 53.00	-0.5	SKR	0.82 281 iPnd- 23 12.00 2.8			
CD2	34.35	325	eP	15	08.00	-0.1	ARU	74.66	328	eP	19 58.00	-0.9				iS 23 24.00	
COOL	34.42	187	eP	15	07.80	-0.9	SDN	77.93	34	(P)	20 17.22	0.1	PET	2.62 17 iPn 23 37.00 2.1			
QLP	34.76	150	eP	15	11.00	-0.6		0.5s	75.64nm		5.8mb		N	12s	9.80um		
MAT	34.86	18 (P)		15	10.00	-2.4	SVW	81.47	29	eP	20 37.36	1.2	E	12s	6.50um		
	1.1s	31.65nm			5.1mb			1.0s	45.39nm		5.3mb		KUR	8.29 234 iPnd 24 59.00 4.4X			
BAL	34.96	194	eP	15	12.50	-0.8	TTA	81.57	27	eP	20 37.62	1.0	YSS	10.29 256 ePn 25 27.00 4.8X			
KLB	35.67	192	eP	15	03.00	-16.3X		1.1s	16.19nm		4.8mb		Z	18s	1.60um		
		e	15	19.00			IMA	83.01	24	iPc	20 45.48	1.3	N	18s	1.40um		
TIY	36.24	342	eP	15	25.00	0.9		1.0s	22.26nm		5.0mb		KUSJ	11.41 234 eP 25 34.20 -3.2X			
	Z	31s	1.44um		4.6MsZ		BGL	83.05	29	eP	20 45.19	0.9				eS 27 31.90	
E	17s	0.47um					CP2	83.12	29	ePc	20 45.44	0.6	ASAJ	11.86 243 eP 25 44.80 1.3			
MUN	36.39	194	eP	15	25.00	-0.3	CRP	83.16	29	eP	20 45.23	0.2	HOOJ	12.65 235 eP 25 51.80 -2.3			
BJI	37.46	348	eP	15	34.00	-0.2	MAW	83.17	200	P	20 47.40	2.7				eS 28 02.50	
	1.0s	44.00nm			5.3mb		SLKM	84.04	30	iPc	20 49.25	-0.1	SEY	12.70 350 ePn 26 01.00 6.3X			
STK	38.20	158	iPc	15	40.60	0.1	PMR	84.63	29	ePc	20 52.04	-0.1		Z	16s	3.00um	
		eS	21	25.70				0.9s	35.64nm		5.3mb		YAK	19.02 318 iPc 27 14.00 -1.0			
SNY	38.27	357	iPd	15	41.40	0.5	FBA	85.37	25	eP	20 56.33	0.5		1.0s	230.00nm	5.4mb	
	1.0s	74.00nm			5.5mb			0.5s	1.98nm		4.3mb		MDJ	19.59 263 eP 27 12.70 -9.0X			
LZH	38.30	331	eP	15	41.00	-0.5	KLU	86.17	29	eP	21 00.66	0.7	MAT	19.62 232 (P) 27 21.00 -1.2			
	1.5s	54.00nm			5.2mb		OBN	86.75	325	ePd	21 02.00	-0.8		1.0s	38.00nm	4.6mb	
RKG	38.71	192	eP	15	46.00	1.3		1.5s	84.00nm		5.5mb		ILT	21.05 25 iPc 27 35.00 -1.6			
SHL	39.32	307	eP	15	49.50	-0.7	BALM	87.91	29	eP	21 08.40	0.0		1.2s	240.00nm	5.5mb	
		eS	22	20.00			KAF	91.43	332	iP	21 23.90	-0.7			i	27 54.00	
ADE	40.08	163	eP	15	57.60	1.5		0.4s	3.60nm		5.0mb				i	28 00.00	
CN2	40.19	360	eP	15	56.00	-0.8	MNK	92.10	324	eP	21 27.00	-0.9	CN2	22.60 265 eP 27 50.40 -1.9			
	1.0s	26.00nm			5.0mb		NUR	92.51	331	iP	21 28.80	-0.8		1.0s	9.80nm	4.2mb X	
MDJ	41.14	4	eP	16	04.50	-0.1		0.4s	4.20nm		5.1mb				esP	28 01.00	
	1.0s	74.00nm			5.5mb		UZH	96.32	320	eP	21 48.20	0.8	SNY	24.78 263 Pc 28 12.60 -0.9			
ARMA	41.74	146	iPd	16	10.70	0.9		1.0s	30.00nm		5.8mb		TIK	24.79 339 iPc 28 12.00 -1.3			
	0.5s	12.00nm			5.0mb		DAG	97.43	352	eP	21 50.80	-1.1		1.0s	16.00nm	4.5mb	
LSA	41.95	312	P	16	12.40	0.4		0.9s	9.24nm		5.3mb		Z	15s	2.00um	4.7MsZ	
GTA	42.88	330	eP	16	19.00	-0.1	YKA	100.13	24	ePdiff	22 04.00	-0.3			i	28 23.00	
	1.0s	9.00nm			4.5mb			0.9s	2.20nm		4.8mb				e	28 53.00	
BWA	43.26	152	e(P)	16	25.10	3.0X	GEC2	101.74	321	Pdiff	22 12.20	0.3	BOD	25.93 303 eP 28 23.70 -0.5			
		e	16	46.70				0.8s	0.78nm		4.5mb			1.0s	22.00nm	4.7mb	
BFD	43.31	160	iPd	16	23.30	0.9	PV10	114.50	45	ePKP	27 00.87	1.3	TTA	27.74 46 ePc 28 40.04 -0.7			
CAN	44.27	153	e(P)	16	29.20	-1.1	RSSD	114.97	37	ePKP	26 59.88	-0.3		1.0s	10.24nm	4.4mb	
		i	17	08.30			FVM	126.84	36	ePKP	27 22.79	0.0			eP	28 50.83 40km	
GUN	45.16	307	P	16	37.14	-0.7	KIC	129.68	281	PKP	27 31.30	2.4X	IMA	29.10 39 eP 28 50.64 -2.4			
	0.5s	27.00nm			5.4mb		LIC	129.99	281	PKP	27 31.30	1.8		0.7s	4.18nm	4.2mb	
PKI	45.39	306	P	16	38.50	-1.2	PRM	134.19	33	(PKP)	27 37.48	0.6			epP	29 02.37 45km	
KKN	45.59	306	P	16	40.54	-0.6	RFA	146.12	159	ePKPc	28 00.00	1.6	CRP	29.52 49 eP 28 54.72 -2.2			
DMN	45.66	306	P	16	41.74	0.1	MDZ	147.65	157	i(PKP)	28 05.90	5.0X	FBA	31.46 42 eP 29 11.82 -1.9			
YSS	45.81	16 (P)		16	59.00	16.8X	CFA	149.02	156	e(PKP)	28 04.70	1.6		0.9s	13.23nm	4.8mb	
GKN	46.20	306	P	16	45.38	-0.5	TCA	150.57	162	iPKPc	28 15.00	9.5X			eP	29 23.47 44km	
DZM	47.12	124	iPc	16	54.80	1.7	YJA	158.39	150	ePKPc	28 19.60	2.9X	KLU	32.49 48 eP 29 20.93 -2.0			
HYB	48.36	290	eP	17	03.70	1.0	CNCB	161.03	135	PKP	28 22.80	3.0X	SSE	33.12 248 Pc 29 29.00 0.5			
		e	17	20.00			ZOBO	161.27	134	iPKPc	28 23.00	2.9X		1.0s	21.00nm	5.0mb	
GBA	48.81	285	P	17	06.40	0.3	SIV	165.81	152	PKPc	28 30.00	6.4X	Z	20s	0.60um	4.3MsZ	
CIT	49.45	350	eP	17	13.50	2.8		S.D. = 1.1	on 98 of 117 obs.				ZAK	33.80 291 eP 29 34.20 0.0			
ZAK	50.50	341	eP	17	20.00	1.5	&	DEC 08, 1992	05h 00m 05.00s					1.0s	20.00nm	5.0mb	
							38.827 N	122.782 W					Z	15s	1.76um	4.9MsZ	
													N	14s	0.95um		

08d 05h

BTO	E 14s	1.73um				RSSD	62.27	54 ePd	33 14.16	-0.5	LPF	80.09	345 iPc	35 01.80	0.7
	34.08	272 eP	29 35.00	-1.9			0.9s	20.11nm		5.2mb		0.9s	39.15nm		5.4mb
	N 13s	0.26um						epP	33 24.09	32km	SSF	80.22	342 iPc	35 02.20	0.4
	E 15s	0.88um				PV09	63.47	61 eP	33 23.05	0.3		0.8s	19.35nm		5.1mb
TIY	34.18	266 Pc	29 37.70	-0.1				epP	33 32.64	31km	MMK	80.23	339 Pd	35 03.40	1.2
	Z 22s	0.77um		4.4Msz		PV10	63.61	61 eP	33 23.37	-0.2	DIX	80.33	339 ePd	35 04.00	1.2
	N 20s	0.78um						epP	33 33.98	35km	VAY	80.36	327 iP	35 03.40	0.8
		S	34 49.00			PV08	63.69	61 eP	33 24.26	0.1	EMS	80.45	340 ePd	35 04.20	0.9
MOY	34.68	294 ePd	29 42.80	1.0				epP	33 34.20	32km	AVF	80.51	342 iPc	35 03.90	0.6
NRI	36.88	327 iPd	29 57.50	-2.7		OBN	63.76	327 eP	33 20.00	-3.9X		0.9s	32.25nm		5.3mb
	1.0s	14.00nm		4.8mb				e	33 30.00		SMF	80.55	342 iPc	35 04.00	0.4
		e	31 32.00					e	42 32.00			1.3s	56.30nm		5.4mb
WHN	37.64	255 eP	30 07.00	0.0				e	43 12.00		BGF	80.83	343 eP	35 05.70	0.6
XAN	38.70	264 P	30 15.00	-1.0		AKU	64.08	358 iP	33 25.20	-0.6		1.0s	22.20nm		5.1mb
	1.0s	3.60nm		4.1mb X			1.0s	36.00nm		5.4mb	RSL	80.88	340 P	35 06.21	0.7
LZH	40.65	270 Pd	30 32.50	0.3		HYB	69.69	273 ePc	34 01.50	-0.5	LSO	80.98	339 P	35 07.03	0.9
	1.4s	66.00nm		5.2mb			1.0s	70.00nm		5.6mb	LPL	81.02	340 iPc	35 07.50	1.2
	Z 24s	0.74um		4.5MszX				e	34 25.00			0.9s	37.35nm		5.4mb
GTA	41.23	277 eP	30 37.00	0.1		POO	71.85	277 iPc	34 11.50	-3.6X	LPG	81.03	340 iPc	35 07.60	1.1
	1.0s	9.00nm		4.5mb		FNO	72.24	56 iPc	34 12.00	-5.1X		0.9s	41.45nm		5.4mb
	Z 16s	1.14um		4.8MszX		WB2	73.04	203 iPc	34 21.50	-0.4	OHR	81.15	328 iP	35 06.20	-0.7
ELT	42.31	302 eP	30 44.50	-0.9				e	34 33.70			0.8s	48.00nm		5.5mb
CD2	44.03	265 eP	31 00.00	0.2		GBA	73.24	271 P	34 23.20	0.0	MAF	81.21	343 iPc	35 08.10	1.1
GYA	45.29	257 P	31 10.00	0.0		EKA	73.28	349 P	34 23.00	0.1		1.0s	64.40nm		5.6mb
	0.8s	25.00nm		5.2mb			0.5s	10.00nm		5.1mb	TCF	81.21	343 iPc	35 07.90	0.8
YKA	46.22	40 eP	31 16.60	-0.1		FVM	73.67	50 eP	34 24.82	-0.7		0.9s	32.45nm		5.3mb
	1.1s	7.40nm		4.5mb			0.7s	16.09nm		5.1mb	RSP	81.24	339 P	35 07.17	-0.2
WMO	46.25	290 P	31 17.80	0.5				epP	34 36.08	37km	MFF	81.33	345 iPc	35 08.70	1.1
	1.0s	28.00nm		5.2mb		KSP	73.72	335 eP	34 24.80	-0.7		0.8s	22.30nm		5.2mb
	Z 24s	0.86um		4.6MszX		ELC	74.81	49 eP	34 31.21	-0.8	LSF	81.37	343 iPc	35 08.80	0.9
RES	46.34	20 eP	31 19.00	1.5				epP	34 42.68	38km		1.0s	47.20nm		5.4mb
	1.0s	9.00nm		4.7mb		PRU	74.96	336 P	34 32.60	-0.1	PCP	81.52	338 P	35 08.59	-0.2
KMI	48.70	260 Pd	31 37.00	0.1		OLY	75.11	52 eP	34 32.72	-1.1	BHB	81.54	339 P	35 07.72	-1.1
	1.5s	40.00nm		5.2mb		DMU	75.12	350 iPd	34 33.80	0.2	RRL	81.57	339 P	35 10.10	0.8
QIZ	48.91	248 P	31 40.30	2.0			0.8s	79.00nm		5.7mb	PZZ	81.89	339 P	35 10.10	-0.7
BRVK	50.71	309 iPc	31 49.30	-2.4		DLF	75.67	350 iPd	34 37.10	0.4	ROB	81.91	338 P	35 10.42	-0.4
	1.3s	27.00nm		5.1mb			0.9s	125.00nm		5.9mb	FIN	81.91	338 P	35 10.33	-0.5
	Z 20s	0.38um		4.4Msz		DCN	75.71	351 iPd	34 37.30	0.4	HRI	81.97	314 eP	35 11.60	0.3
	N 18s	0.24um					0.9s	96.00nm		5.8mb	IMI	82.27	338 P	35 12.57	-0.1
	E 20s	0.28um				ZST	75.90	334 eP	34 37.20	-0.9	RJF	82.29	343 eP	35 13.70	1.0
DAG	52.96	359 iPd	32 07.50	-0.8				e	39 23.10			1.1s	46.90nm		5.4mb
	0.9s	53.78nm		5.5mb		KHC	75.99	336 eP	34 28.00	-10.7X		Z 19s	0.22um		4.6Msz
SVE	53.01	317 ePd	32 07.20	-1.7			1.0s	5.40nm			CAF	82.55	343 iPc	35 15.50	1.4
	Z 16s	0.50um		4.7MszX		GRF	76.05	338 eP	34 39.70	0.7		1.0s	27.60nm		5.3mb
	N 16s	0.40um					1.2s	28.00nm		5.1mb	LFF	82.78	344 eP	35 16.30	1.1
	E 16s	0.50um				GE02	76.23	336 P	34 39.80	-0.3		1.1s	52.25nm		5.5mb
ARU	54.15	317 eP	32 15.00	-2.3			1.0s	0.30um		4.6Msz	LPO	82.95	343 eP	35 17.30	1.2
FRU	54.51	296 ePd	32 20.00	-0.2				e	34 45.70			1.0s	30.80nm		5.3mb
SES	54.54	52 ePc	32 19.20	-1.2				e	34 51.90		LRG	83.06	339 eP	35 17.30	0.6
		pP	32 30.00	36km				e	34 43.50	0.6		0.9s	37.00nm		5.5mb
CHG	55.71	258 iPc	32 30.00	0.9		ASPA	76.72	202 iPd	34 43.50	0.6	LMR	83.14	339 eP	35 17.80	0.7
	1.0s	98.25nm		5.8mb			1.7s	9.50nm		4.5mb	STK	83.22	193 eP	35 18.00	0.6
FCC	56.56	36 eP	32 38.00	3.3X				i	34 54.90				e	35 29.10	
		pP	32 50.00	42km		DOU	77.10	342 P	34 45.40	0.6	DSI	83.55	313 eP	35 19.60	0.2
NST	57.36	254 eP	32 48.00	7.2X		WLF	77.20	341 P	34 46.00	0.7	MBH	85.29	313 eP	35 28.40	0.1
GUN	57.47	276 P	32 41.42	-0.6		KBA	77.95	336 iPc	34 50.10	0.4	TIC	121.06	339 PKP	41 44.60	0.2
	0.4s	21.00nm		5.6mb			1.0s	39.10nm		5.4mb	KIC	121.27	339 PKP	41 44.90	0.1
KKN	57.93	276 P	32 44.18	-0.9				i	35 13.60		LIC	121.47	339 PKP	41 45.30	0.2
	0.4s	14.00nm		5.4mb		CDF	78.15	340 iPc	34 50.80	0.1	ZOBO	130.11	64 ePKP	42 02.00	-0.4
KVN	57.97	66 (P)	32 45.23	0.0			1.0s	25.80nm		5.2mb	CNCB	130.61	64 PKP	42 04.90	1.6
PKI	58.01	276 P	32 44.66	-1.1		WATA	78.16	337 iPd	34 51.50	0.7	SIV	133.76	56 ePKP	41 53.00	-15.6X
DMN	58.17	276 P	32 46.12	-0.7		WTTA	78.21	337 iPc	34 51.80	0.6	CER	144.97	283 iPKPd	42 28.50	0.0
GKN	58.20	276 P	32 46.00	-0.9			1.0s	22.80nm		5.1mb		S.D. = 1.0 on 144 of 156 obs.			
HHA I	58.40	59 eP	32 48.98	0.9				id	34 52.00			? DEC 08, 1992 05h 34m 26.57±0.75s			
		epP	33 01.34	43km		SOTA	78.36	337 iPd	34 49.60	-2.3		40.264 N ±13.1km 45.469 E ±10.9km			
BONR	58.58	67 eP	32 50.07	0.5			0.9s	17.70nm		5.1mb		DEPTH = 33.0km (normal)			
PTI	58.69	59 eP	32 51.42	1.2		SLE	78.49	339 ePd	34 52.60	0.1		4.2mb (6 obs.)			
		epP	33 01.45	33km		FEL	78.50	340 P	34 53.48	0.8		EASTERN CAUCASUS (337)			
HVU	59.19	61 eP	32 54.38	0.7		VITF	78.61	341 P	34 53.35	0.2					
		epP	33 06.03	40km		HAU	78.74	341 iPc	34 53.90	0.1	TAB	2.29	163 iPc	35 02.80	-0.2
NNT	59.98	252 eP	33 01.00	1.9			1.0s	22.40nm		5.1mb	MAIO	11.71	105 eP	37 13.00	-1.4
DUG	60.24	62 eP	33 00.82	0.0			Z 18s	0.10um		4.2Msz	GEC2	24.07	301 P	39 39.30	-0.4
	1.1s	17.80nm		5.1mb		ZLA	78.78	339 ePd	34 54.80	0.7		0.6s	0.97nm		3.5mb
BW06	60.29	58 ePc	33 00.85	-0.4		BSF	78.81	340 iPc	34 54.20	-0.1			e	39 42.70	
	1.2s	17.72nm		5.1mb			0.9s	9.15nm		4.8mb			e	39 48.50	
KAF	61.17	336 eP	33 04.70	-2.0		OSS	79.12	338 ePd	34 56.90	0.8	KAF	24.77	338 eP	39 52.00	5.8X
	0.6s	2.80nm		4.6mb		LLS	79.22	339 ePd	34 57.40	0.7		0.6s			

0.8s 0.60nm 3.7mb
S.D. = 1.0 on 7 of 9 obs.

? DEC 08, 1992 06h 08m 14.07± 1.09s
10.415 N ±20.2km 85.823 W ±22.2km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)

COSTA RICA (78)

TPX 7.71 306 (P) 10 15.00 8.2X
OXX 12.49 303 (P) 11 18.50 5.9X
PPM 15.07 306 (P) 11 47.50 0.6
TPM 15.37 305 (P) 11 50.00 -0.5
MRX 17.47 304 (P) 12 26.00 9.1X
UYO 24.93 343 iPc 13 35.60 -0.1
FNO 26.88 339 iPc 13 52.90 -1.0
MEO 26.91 336 iPc 13 53.70 -0.5
ACO 28.81 337 iPd 14 15.20 3.9X
ZOBO 31.79 146 P 14 51.00 12.4X

CNCB 32.30 147 eP 14 43.00 0.0
SIV 35.90 137 P 15 30.00 17.0X
EEO 36.56 8 eP 15 23.50 4.9X
ULM 40.57 350 eP 15 54.00 1.9
LRM 41.98 332 eP 16 05.20 1.2
BAO 45.53 124 Pc 16 44.00 11.1X

YKA 55.99 344 eP 17 49.70 -1.7

0.8s 1.70nm 4.1mb
S.D. = 1.3 on 9 of 17 obs.

DEC 08, 1992 06h 28m 46.59± 0.44s
10.141 N ± 5.9km 103.836 W ± 6.9km
DEPTH = 10.0km (geophysicist)

4.9mb (15 obs.) 5.1Msz (21 obs.)
OFF COAST OF MEXICO (63)

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 45C

Centroid Location:
Origin Time 06:28:54.7 0.4

Lat 10.64N 0.04 Lon 103.70W 0.03
Dep 15.0 FIX Half-duration 1.7

Moment Tensor: Scale 10**17 Nm
Mrr= 0.15 0.09 Mtt=-1.40 0.10
Mff= 1.25 0.14 Mrt= 0.04 0.26
Mrf= 0.02 0.41 Mtf= 3.90 0.09

Principal Axes:
T Val= 4.05 Plg= 1 Azm=306
N 0.15 89 102
P -4.19 0 216

Best Double Couple: Mo=4.1*10**17
NP1:Strike=351 Dip=89 Slip= 180
NP2: 81 90 1

ACX 7.73 30 (P) 30 39.00 -2.9
III 9.22 27 (P) 31 02.52 -0.3
CGX 9.51 2 (P) 31 08.21 1.3
OXX 9.76 44 (P) 31 09.50 -0.9
MRX 9.84 15 (P) 31 13.75 2.5
TPM 9.93 27 (P) 31 11.50 -1.1
UNM 10.18 26 (P) 31 17.00 0.8
PPM 10.20 29 (P) 31 15.73 -1.0
AGX 11.76 7 (P) 31 40.00 2.5
TPX 12.25 66 (P) 31 44.00 -0.1
MZX 13.22 350 (P) 31 48.00 -9.0X
TUC 22.98 345 eP 33 53.04 0.5

1.0s 34.71nm 4.8mb
Z 20s 3.91um 4.9Msz

ALO 24.80 355 eP 34 11.71 1.3
1.0s 20.52nm 4.8mb
Z 19s 3.46um 4.9Msz

WMOK 24.92 10 P 34 20.00 8.8X
Z 20s 14.58um 5.5Msz

GLA 24.95 338 eP 34 09.69 -1.9
MEO 24.99 10 iPd 34 10.90 -1.1
UYO 25.41 18 iPc 34 14.30 -1.6
FNO 25.68 12 iPc 34 19.90 1.5
RRO 25.69 10 iPd 34 21.70 3.2X
OCO 25.92 12 iPd 34 20.50 -0.2
MIAR 26.04 20 P 34 30.00 8.2X

Z 21s 3.48um 4.9Msz

ACO 26.78 8 iPd 34 28.60 0.0
SSK 27.11 334 eP 34 31.98 0.1
OLY 27.64 22 eP 34 36.51 0.0
PV10 28.50 351 eP 34 43.45 -1.0

ISA 28.69 335 eP 34 46.27 0.3
1.1s 35.57nm 5.1mb
Z 21s 5.54um 5.1Msz

ARUT 28.85 344 iPc 34 47.07 -0.5
pP 35 47.69 320kmX

GRT 29.11 24 (P) 34 50.97 1.3
MSU 29.22 347 eP 34 52.07 1.1
GOL 29.47 358 P 35 00.00 6.8X

Z 20s 3.55um 5.0Msz
GLD 29.51 358 P 35 00.00 6.5X

Z 19s 3.49um 5.0Msz
ELC 30.07 24 eP 34 55.62 -2.7
MTUM 30.18 336 eP 34 59.08 -0.4
FVM 30.23 21 eP 34 56.89 -2.8

0.7s 11.49nm 4.8mb
Z 18s 6.74um 5.3Msz

TNP 30.31 339 eP 34 59.51 -1.2
1.2s 16.88nm 4.8mb

MRCM 30.43 337 (P) 35 02.44 0.7
MMPM 30.58 336 eP 35 03.05 -0.2
MEMM 30.60 336 eP 35 03.94 1.1
BONR 30.60 337 eP 35 02.58 -0.7
DAU 30.86 349 (P) 35 05.57 0.0
SLM 30.88 21 P 35 10.00 4.6X

Z 20s 2.97um 4.9Msz
DUG 30.98 347 eP 35 07.01 0.6
1.0s 13.93nm 4.8mb

COE 31.43 332 eP 35 09.72 -0.6
ARN 31.44 332 eP 35 11.01 0.6
KVN 31.49 338 (P) 35 12.89 1.9
CMB 31.51 335 P 35 20.00 9.0X

Z 19s 4.19um 5.1Msz
HMR 32.22 333 (P) 35 20.01 2.8X
HVV 32.48 348 (P) 35 19.88 0.3
BW06 32.89 352 eP 35 21.64 -1.7

1.2s 22.68nm 5.0mb
ORV 33.25 335 eP 35 26.20 0.0
RSSD 33.85 360 ePc 35 32.59 1.0

1.8s 53.59nm 5.2mb
Z 21s 5.05um 5.2Msz

HHA1 33.86 349 (P) 35 31.77 0.2
CEH 34.09 37 P 35 40.00 6.6X

Z 22s 2.18um 4.8Msz
WDC 34.55 334 P 35 50.00 12.6X

Z 22s 2.68um 4.9Msz
LBFM 34.92 336 eP 35 41.72 0.9
LGPM 34.95 334 eP 35 40.52 -0.4
LRM 36.31 350 eP 35 53.70 1.1
VGB 38.13 341 (P) 36 08.52 0.9
DPW 39.51 345 eP 36 20.29 1.1
LON 39.56 341 eP 36 20.05 0.5
NEW 39.61 346 iPd 36 20.85 0.9

1.0s 33.21nm 5.0mb
Z 20s 3.95um 5.2Msz

TBR 40.43 35 (P) 36 27.68 0.9
ULM 40.53 8 eP 36 30.50 3.1X
SES 40.57 353 eP 36 29.00 1.1

1.8s 164.00nm 5.4mb
GMW 40.58 340 (P) 36 27.79 -0.1
ARE 41.51 129 eP 36 36.00 -0.2
EEO 42.03 26 eP 36 41.50 1.7
RSNY 42.59 31 ePc 36 44.38 -0.1

1.0s 28.42nm 5.0mb
HRV 42.83 36 P 37 00.00 13.5X

Z 20s 2.40um 5.1Msz
ZOBO 44.02 126 iPc 36 56.90 -0.2
LR 51 26.00

CNCB 44.43 127 P 37 01.00 0.6
CCH 46.21 126 (P) 37 15.00 0.8
LMN 48.73 36 eP 37 36.00 2.7
HJA 50.13 132 ePc 37 44.80 0.5
SIT 52.75 339 P 38 10.00 6.3X

Z 19s 1.80um 5.1Msz
YKA 52.84 354 eP 38 02.40 -1.9
1.2s 4.60nm 4.3mb

HON 53.08 289 P 38 10.00 3.3X
Z 20s 2.55um 5.3Msz

MDZ 54.25 144 i(P) 38 16.30 1.1
RFA 55.83 145 eP 38 25.60 -1.0
BALM 58.14 339 eP 38 43.10 0.3
KLU 59.73 338 eP 38 53.23 -0.6
SLKM 60.79 336 eP 38 57.59 -3.3X
BAO 60.94 114 e(P) 38 59.00 -3.7X

1.0s 39.01.00
e 39 03.00
e 39 01.02 -1.2

PMR 61.00 337 eP 39 01.02 -1.2
1.1s 32.90nm 5.4mb

Z 20s 1.35um 5 Msz
CRP 62.00 336 eP 39 07.16 -2.1
CP2 62.03 336 (P) 39 08.04 -1.5
BGL 62.09 336 eP 39 09.15 -0.7
LPA 62.39 138 eP+ 39 12.00 0.0

Z 20s 2.84um 5.4Msz
FBA 62.58 341 eP 39 11.60 -1.3
1.0s 7.48nm 4.8mb

SDN 63.08 328 P 39 30.00 13.7X
Z 19s 2.33um 5.4Msz

RES 64.72 3 eP 39 28.00 1.3
IMA 65.25 340 eP 39 28.09 -2.4
1.5s 11.77nm 4.9mb

SMY 77.20 322 P 40 50.00 7.7X
Z 22s 2.24um 5.4Msz

DCN 85.84 37 eP 41 34.40 6.8X
DMU 85.94 36 eP 41 34.50 6.4X
DLF 86.29 37 eP 41 36.10 6.3X
WB2 123.20 253 iPKPc 47 46.60 0.5

S.D. = 1.3 on 75 of 97 obs.

DEC 08, 1992 07h 08m 39.92± 0.10s
9.291 N ± 2.6km 93.479 E ± 2.2km
DEPTH = 66.0km (26 depth phases)
6.0mb (160 obs.)

NICOBAR ISLANDS, INDIA (704)
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=240 Dip=75 Slip= 90
NP2: 60 15 90
Principal Axes:
T Plg=60 Azm=150
P 30 330

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

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 64C M.W.: 9S, 13C

Centroid Location:
Origin Time 07:08:43.6 0.4
Lat 9.22N 0.03 Lon 93.50E 0.03
Dep 89.9 1.3 Half-duration 2.2

Moment Tensor: Scale 10**18 Nm
Mrr= 0.32 0.02 Mtt=-1.08 0.02
Mff= 0.76 0.03 Mrt=-0.33 0.02
Mrf=-0.43 0.02 Mtf= 0.19 0.02

Principal Axes:
T Val= 1.07 Plg=33 Azm=101
N 0.09 55 256
P -1.16 12 3

Best Double Couple: Mo=1.1*10**18
NP1:Strike=137 Dip=58 Slip= 164
NP2: 235 76 33

NNT 6.96 61 ePd 10 23.20 1.6
SNG 7.37 106 ePd 10 29.00 1.8
1.0s 1100.00nm 6.5mb
eS 12 12.00

IPM 8.83 121 ePc 10 48.20 0.8
1.7s 2930.40nm 6.9mb
e 11 28.10
e 12 17.40

NST 9.08 45 iPd 10 58.00 7.3X
BDT 9.56 34 eP 10 59.50 2.2
1.0s 593.50nm 6.5mb
10.18 127 ePd 11 08.00 2.2

1.2s 1759.60nm 7.0mb
CHG 10.85 29 iPd 11 16.40 1.5
1.0s 262.50nm 6.2mb

CHTO 10.85 29 iPd 11 16.85 2.0
LOE 11.38 44 iPd 11 24.00 2.0
PPI 11.88 144 ePc 11 27.50 -1.2
1.0s 166.40nm 6.0mb

KGM 12.17 126 ePc 11 34.90 2.4
1.5s 3680.50nm 7.1mb X
e 12 14.50

KOD 15.81 275 iP 12 24.00 3.7X
eS 15 03.00
SHL 16.26 355 iP 12 23.00 -2.8
iS 15 25.50

GBA 16.30 287 P 12 29.10 3.0X
S 15 11.10
HYB 16.61 301 ePd 12 33.00 2.9
1.0s 880.00nm 5.9mb
e 12 53.00

			e	17	12.00	474kmX
AAI	36.92	109	iS	21	17.00	
FRU	37.27	337	ePd	15	45.50	1.0
	2.0s	2190.00nm	iPd-	15	48.50	1.3
	Z 16s	4.00um				6.7mb
	N 16s	4.00um				5.3MsZ
	E 16s	3.00um				
			ipP	16	06.00	70km
			e	21	29.00	
			iS	21	54.00	
			eSS	23	53.00	
NANU	38.33	146	iPc	15	54.20	-1.9
	0.7s	150.00nm				6.0mb
DL2	38.80	36	Pd	16	00.00	0.1
	Z 22s	1.85um				4.9MsZ
	E 10s	2.83um				
			sP	16	21.00	
			PP	17	36.00	
			S	21	50.00	
MBL	39.83	140	iPc	15	58.50	-10.1X
MAIO	40.91	316	iPd	16	19.00	1.5
	1.3s	122.55nm				5.5mb
			i	17	53.00	514kmX
KAGJ	41.01	53	eP	16	19.30	1.0
KUMJ	41.53	51	P	16	23.20	0.7
ZAK	41.76	9	iPd	16	24.50	0.3
	1.3s	440.00nm				6.1mb
	Z 18s	2.37um				5.1MsZ
	N 18s	1.50um				
			e	18	00.00	523kmX
			ePPP	18	40.00	
			eS	22	33.00	
			eSS	25	35.00	
SNY	41.86	34	iPd	16	25.00	-0.1
	1.2s	300.00nm				6.0mb
	Z 17s	6.14um				5.5MsZ
	E 15s	5.04um				
			pP	16	40.00	58km
			iS	22	32.00	
			SS	25	45.00	
UER	42.15	1	iPd	16	27.50	0.2
	2.0s	2000.00nm				6.6mb
			e	18	09.00	571kmX
			iS	22	38.00	
SHNJ	42.43	49	P	16	31.60	1.7
ASH	42.57	318	iP	16	33.00	2.0
	1.2s	1930.00nm				6.8mb
			ipP	16	56.00	98kmX
			e	18	14.00	
			i	18	19.00	
			PPP	18	44.00	
			iS	22	49.00	
			eSS	25	44.00	
MOY	42.71	7	iPd	16	32.90	1.0
	1.4s	396.00nm				6.0mb
KNA	42.90	125	eP	16	31.00	-2.9
MEEK	43.26	146	iPc	16	35.00	-1.7
	0.5s	48.00nm				5.5mb
SHI	43.29	304	eP	16	39.00	1.8
MTN	43.39	120	iPd	16	36.00	-1.1
	0.7s	76.00nm				5.6mb
IRK	43.76	10	iP-	16	40.00	-0.5
	1.5s	309.00nm				5.9mb
	Z 15s	1.68um				5.1MsZ
	N 16s	1.68um				
	E 15s	0.79um				
			e	16	54.70	
			epP	17	09.00	127kmX
			e	18	24.00	
			i	18	32.10	
			eS	23	01.00	
			eSS	26	26.00	
MRWA	44.01	151	eP	16	41.60	-1.2
	0.3s	16.00nm				5.3mb
CN2	44.20	33	iPd	16	43.60	-0.5
	1.2s	300.00nm				6.0mb
	Z 16s	6.30um				5.6MsZ
	N 13s	2.00um				
	E 13s	3.10um				
			PcP	18	27.70	
			PP	18	31.00	

DHR	44.35	298	iPd	16	47.00	1.4	Z	20s	1.50um	5.1Msz	PAF	61.86	197	eP	33	53.20				
KAT	44.62	318	iS	23	12.00		N	18s	1.50um					eP	19	03.00	8.6X			
			iP-	16	47.50	-0.1	E	20s	1.00um					PP	21	36.00				
	Z	14s	0.80um						e	18	25.00	99kmX		S	27	24.00				
	N	14s	1.00um						e	19	05.00			SSS	34	30.00				
	E	14s	1.00um						e	20	03.00		SIM	61.96	316	iP-	18	54.00	-1.3	
			e	17	11.00	100kmX			ePPP	21	16.00		Z	20s	1.50um	iS	27	07.00	5.1Msz	
			i	18	32.50		ASAJ	54.82	42	eP	18	06.10	0.6							
			ePPP	19	12.00		PYA	55.62	318	iPd-	18	10.00	-1.3	BCK	62.93	307	eP	18	59.70	-2.3
			iS	23	16.50			1.0s	700.00nm			6.6mb	ELL	63.36	306	iP	19	04.00	-0.9	
			eSS	26	28.00		Z	20s	1.00um			4.9Msz	MOS	63.54	328	iPd	19	04.00	-1.5	
			i	26	34.50				i	18	27.00	65km		1.8s	1400.00nm			6.7mb		
HIA	45.49	24	ePd	16	53.98	-0.4			e	19	06.00		Z	23s	2.80um			5.4MszX		
BAL	45.51	152	eP	16	53.50	-1.2			e	20	18.00					i	19	29.00		
CIT	45.65	17	iPc	16	55.00	-0.6			eS	25	47.00					epP	19	48.00	188kmX	
	1.2s	552.00nm							ePS	26	14.00					i	21	22.00		
	Z	16s	3.11um			5.3MszX	KUSJ	55.81	44	eP	18	12.60	-0.1			ePPP	22	53.00		
	N	13s	1.92um				YSS	56.09	39	iPc	18	14.10	-0.5			iS	27	27.00		
	E	16s	3.40um					1.1s	180.00nm			6.0mb	GPA	63.63	310	eP	19	04.00	-2.5	
			eS	23	28.00		Z	16s	3.70um			5.6MszX	EYL	63.80	311	eP	19	04.90	-2.8	
MUN	46.44	153	eP	17	00.70	-1.3	N	16s	2.10um				OBN	63.82	328	eP	19	06.28	-1.1	
	0.7s	100.00nm				5.9mb	E	16s	1.40um					1.5s	630.00nm			6.4mb		
KL8	46.83	151	eP	17	03.20	-1.9			e	18	31.00	64km		Z	18s	2.90um			5.5Msz	
	0.3s	29.00nm				5.7mb			iS	25	54.00			N	18s	1.70um				
MDJ	47.02	35	Pc	17	07.00	0.5			e	27	50.00			E	18s	1.80um				
	1.2s	140.00nm				5.8mb			eSSS	32	00.00					e	19	30.78	97kmX	
RYD	47.12	295	iPd	17	09.00	1.3	WAJH	56.32	295	iPd	18	18.30	1.7			i	21	25.00		
			iS	23	54.00		PMG	56.58	108	iPd	18	17.20	-1.4			iS	27	31.00		
BRVK	47.51	341	iPd	17	09.00	-1.2		0.9s	352.94nm			6.4mb				i	28	12.00		
	1.0s	385.00nm				6.3mb	AYN	57.15	298	iPd	18	14.00	-8.4X			iSS	28	48.00		
			eS	23	54.00		NAI	57.41	263	eP	18	27								

				e	20	49.50	
				S	30	00.00	
KBA	76.55	316	i	Pd	20	24.30	-0.7
	1.3s	151		.00nm			5.8mb
			i		20	43.80	72km
			i		23	09.00	
			i		29	56.70	
					30	22.40	
BRNL	76.67	322	e	P	20	24.00	-1.3
BRN	76.77	322	e	Pd	20	26.80	0.9
CLL	76.86	321	i	Pd	20	26.30	-0.1
	1.5s	250		.00nm			6.0mb
			i	pP	20	43.90	64km
			i	S	30	02.70	
BHG	76.87	317	i	Pd	20	25.60	-1.0
			i		20	26.90	4kmX
WET	76.89	318	i	Pd	20	27.00	0.3
	1.2s	371		.00nm			6.2mb
FVI	76.93	316	P		20	27.03	0.2
	1.4s	463		.10nm			6.3mb
SMY	76.99	38	e	Pd	20	27.08	0.0
	1.1s	828		.03nm			6.6mb
Z	20s	3		.13um			5.6Msz
MOR7	77.02	336	e	P	20	26.54	-0.5
COP	77.34	325	i	Pc	20	30.00	1.1
	0.9s	218		.49nm			6.1mb
			i	S	30	10.00	
CRE	77.53	313	P		20	29.90	-0.6
HOF	77.55	319	i	Pd	20	30.50	0.2
	1.2s	115		.00nm			5.7mb
SFI	77.60	313	Pd		20	31.30	0.7
LOF	77.68	338	i	Pd	20	30.12	-0.5
PGD	77.70	313	P		20	32.10	0.7
WTTA	77.71	316	i	Pd	20	30.60	-0.9
	1.2s	359		.00nm			6.2mb
			i		20	47.20	60km
			i		30	08.30	
MOX	77.72	320	i	Pd	20	31.50	0.3
	1.5s	204		.00nm			5.9mb
Z	19s	0		.80um			5.1Msz
N	20s	0		.90um			
			e	S	30	18.00	
WATA	77.75	316	i	Pd	20	30.70	-1.0
			i		30	03.60	
			i		30	08.20	
FUR	77.95	317	i	Pd	20	32.50	-0.1
	1.1s	248		.00nm			6.1mb
			i		20	50.30	65km
GRF	77.98	319	i	Pd	20	33.50	0.8
	1.2s	266		.00nm			6.1mb
Z	19s	0		.60um			4.9Msz
			e	pP	20	50.70	62km
			e	sP	20	59.10	
DZM	77.98	115	i	Pc	20	33.60	0.3
SQTA	78.00	316	i	Pd	20	32.20	-0.8
	0.9s	173		.00nm			6.0mb
			i		20	47.50	54kmX
			i		30	05.00	
FIR	78.03	313	e	P	20	33.20	0.2
			i	S	30	35.00	
OGA	78.13	316	i	Pd	20	33.50	-0.3
	1.1s	347		.00nm			6.2mb
NAO	78.36	330	P		20	33.80	-0.7
MME	78.42	313	P		20	35.88	0.3
	0.9s	415		.80nm			6.4mb
BDI	78.50	313	P		20	34.90	-0.9
SAL	78.51	315	P		20	36.10	0.5
BKM	78.53	110	i	Pc	20	37.50	1.3
PII	78.57	313	P		20	34.20	-1.8
OSS	78.74	316	P		20	37.36	0.2
MUD	79.18	326	i	Pd	20	39.70	0.7
	1.0s	300		.00nm			6.2mb
			i		21		

MOL	79.94	332	iPd	20	43.43	0.4	Z	20s	0.50um	4.9Msz	DCN	88.97	324	eP	21	29.70	1			
PCP	79.95	314	P	20	42.33	-1.2	SMF	83.08	316	iPd	20	59.80	0.0	0.9s	96.00nm	6.1				
HOFF	80.13	318	P	20	44.93	0.6		1.3s	183.40nm	5.9mb	EHUE	89.13	308	iPc	21	30.98	2			
FEL	80.15	317	P	20	44.44	-0.2	SSF	83.26	316	iPd	21	00.80	0.1	TCW	89.21	132	P	21	28.70	-1.2
CKI	80.15	314	P	20	45.20	0.7		1.3s	155.95nm	5.8mb	BSZ	89.38	130	P	21	30.60	-0.2			
SRBF	80.20	318	P	20	44.81	0.1	AVF	83.39	316	iPd	21	01.50	0.1	WLZ	89.48	128	P	21	32.00	0.7
FIN	80.21	313	P	20	44.57	-0.4		1.3s	174.75nm	5.9mb	MRW	89.53	132	P	21	30.40	-1.0			
LANF	80.23	318	P	20	45.30	0.4	BGF	83.77	316	iPd	21	03.80	0.5	KIW	89.60	131	P	21	30.80	-1.0
STR	80.28	318	P	20	45.51	0.4		1.2s	154.10nm	5.9mb	CNZ	89.72	130	P	21	32.20	-0.3			
MMK	80.28	315	P	20	45.90	0.4	MAF	84.00	316	iPd	21	04.90	0.4	GUD	89.75	311	iPd	21	33.99	1.2
ORX	80.29	315	P	20	43.75	-1.7		1.2s	94.00nm	5.7mb	NGZ	89.76	130	P	21	32.00	-0.7			
ORO	80.29	315	P	20	44.10	-1.3	TCF	84.24	316	iPd	21	06.20	0.5	CAW	89.77	132	P	21	31.70	-0.9
LIBD	80.41	317	P	20	45.98	0.2		1.3s	124.20nm	5.8mb	MNG	89.97	131	P	21	32.60	-0.9			
POF	80.45	238	iPc	20	50.00	3.6X	CAF	84.52	314	iPd	21	07.70	0.6	MOW	89.97	132	P	21	32.90	-0.6
	1.5s	80.00nm				5.4mb		1.3s	115.15nm	5.8mb	EBAN	89.98	309	iPc	21	34.81	1.1			
ROB	80.45	313	P	20	45.72	-0.5	LSF	84.71	316	iPd	21	08.30	0.3	ECOG	89.99	308	eP	21	34.47	0.6
IMI	80.46	313	P	20	46.30	0.0		1.3s	115.55nm	5.8mb	EGUA	90.08	307	iPc	21	34.47	0.3			
BBS	80.51	317	P	20	45.94	-0.5	RJF	84.85	315	iPd	21	09.50	0.8	MTW	90.10	132	P	21	33.50	-0.6
BNS	80.53	320	iPc	20	47.10	0.7		1.2s	138.05nm	5.9mb	BLW	90.12	132	eP	21	33.50	-0.7			
	1.3s	130.00nm				5.7mb	LPO	85.17	314	iPd	21	11.10	0.8	PAB	90.13	310	iPd	21	34.50	0.1
WLS	80.56	318	P	20	46.56	-0.1		1.2s	146.40nm	5.9mb				iS	32	18.00				
CDF	80.61	318	P	20	46.70	-0.3	LFF	85.44	315	iPd	21	12.60	0.9	AKU	90.25	337	iP	21	37.30	3.0X
DIX	80.66	315	P	20	48.22	0.6		1.3s	128.15nm	5.8mb		1.0s	88.00nm			25	09.80	6.0mb		
SAOF	80.70	313	P	20	47.53	0.0	LDF	85.48	318	iPd	21	12.20	0.4		e					
ECH	80.70	317	P	20	47.12	-0.3		1.2s	191.00nm	6.1mb	PGZ	90.56	131	P	21	35.80	-0.4			
WTS	80.70	321	iPd	20	47.90	0.6	EDR	85.56	327	eP	21	13.00	1.0	IMA	90.57	22	ePd	21	36.48	0.5
	1.0s	261.00nm				6.1mb	FLN	85.69	319	iPd	21	13.10	0.3		1.0s	79.17nm			6.0mb	
			e	21	05.00	61km		1.3s	242.60nm	6.1mb	URZ	90.73	129	P	21	35.90	-1.1			
			e	21	14.00		Z	21s	0.45um	4.8Msz	TTA	90.89	25	ePd	21	38.25	0.8			
			e	23	26.00		ESY	85.78	326	ePc	21	14.00	0.9		1.1s	95.26nm			6.1mb	
MOF	80.74	317	P	20	47.42	-0.3		1.0s	112.00nm	5.9mb	EHOR	91.18	308	iPd	21	39.89	0.7			
WIT	80.75	322	iPd	20	48.80	1.3	MFF	85.81	316	iPd	21	13.70	0.2	EPLA	91.32	311	iPc	21	41.54	1.7
			e	21	14.50	98kmX		1.3s	181.25nm	6.0mb	EPRU	91.36	308	iPc	21	40.69	0.6			
ENR	80.78	313	P	20	47.23	-0.8	DAG	85.99	348	ePc	21	13.00	-0.8	SDN	91.38	33	eP	21	38.33	-1.3
AUTN	80.79	313	P	20	48.37	0.1		0.9s	59.66nm	5.7mb		0.8s	198.07nm			6.6mb				
SBF	80.79	313	P	20	48.05	0.0			iSP	24	34.10		NOZ	91.51	129	eP	21	41.10	0.5	
RSP	80.83	314	P	20	46.31	-2.0	GRR	86.00	318	iPd	21	14.80	0.4	ERUA	91.55	313	eP	21	41.36	0.5
STV	80.85	313	P	20	47.18	-1.2		1.3s	159.55nm	6.0mb	EJIF	91.66	307	iPc	21	42.19	0.8			
BHB	80.85	314	P	20	46.59	-1.7	EBL	86.04	326	ePc	21	15.50	1.0	SVW	91.77	27	ePc	21	42.71	1.2
AURF	80.87	313	P	20	48.42	-0.1		1.0s	84.00nm	5.8mb		1.1s	444.73nm			6.8mb				
LSD	80.88	315	P	20	48.96	0.2	LPF	86.18	318	iPd	21	15.80	0.6	EVAL	92.40	309	eP	21	45.99	1.2
TOUF	80.92	313	P	20	49.11	0.3		1.3s	217.35nm	6.1mb	BGL	93.13	26	ePc	21	48.27	0.4			
BSF	80.97	317	P	20	48.49	-0.5	EKA	86.19	325	Pc	21	16.30	1.1	CP2	93.19	26	eP	21	48.72	0.4
LOMF	80.98	317	P	20	48.70	-0.3		1.0s	149.80nm	6.1mb			eP	22	08.59	71km				
PZZ	80.99	314	P	20	47.73	-1.4	EBH	86.21	326	ePc	21	16.30	1.0	CRP	93.23	26	eP	21	48.14	-0.3
MVIF	80.99	313	P	20	48.63	-0.6	ESK	86.22	325	eP	21	16.50	1.2		(pP)	22	08.55	73km		
EMS	81.00	315	P	20	49.65	0.4		1.0s	200.00nm	6.2mb	FBA	93.28	22	ePd	21	47.48	-0.9			
WIN	81.16	245	iPc	20	53.50	3.0X	EAU	86.26	326	ePc	21	16.70	1.2		1.0s	17.73nm			5.4mb	
	1.3s	130.00nm				5.7mb		1.1s	160.00nm	6.1mb			(pP)	22	07.98	74km				
LPG	81.16	315	iPd	20	50.50	0.3	LMZ	86.26	135	P	21	15.20	-0.5		e	22	29.53			
	1.1s	230.50nm				6.0mb	ELO	86.28	327	ePc	21	16.60	1.0	PMR	94.38	25	P	22	00.00	6.6X
LPL	81.17	315	iPd	20	50.60	0.4	EROQ	86.31	311	eP	21	17.72	1.6		Z	19s	1.73um		5.5Msz	
	1.0s	303.20nm				6.2mb	HAE	86.44	322	ePc	21	17.40	0.9	SLKM	94.42	26	ePd	21	53.07	-0.6
RRL	81.18	314	P	20	49.93	-0.3	MMCZ	86.53	136	eP	21	16.20	-1.0		(pP)	22	13.29	73km		
CALN	81.19	313	P	20	50.56	0.3	TLC	86.55	137	P	21	16.70	-0.6		eSP	22	24.69			
RSL	81.24	315	P	20	50.60	0.2	EGRA	86.63	312	iPc	21	16.68	-0.9		ePP	25	39.32			
HAU	81.26	317	iPd	20	50.30	0.0	MHZ	86.65	137	P	21	17.90	0.2	KDC	94.60	29	eP	21	54.76	0.3
	1.1s	257.85nm				6.1mb	CMCZ	86.67	137	P	21	18.10	0.3		1.1s	66.08nm			6.0mb	
Z	22s	0.50um				4.8Msz	EAB	86.68	326	ePc	21	18.80	1.3		e	22	18.86	89kmX		
WLF	81.27	319	iPd	20	50.98	0.7	SBCZ	86.68	137	P	21	17.40	-0.4	KLU	95.76	25	ePc	22	00.15	0.2
		ic	21	09.06	66km		LRCZ	86.70	136	P	21	18.20	0.2	NVL	95.96	199	eP	22	02.00	1.6
FRF	81.38	313	iPd	20	51.30	0.3	LSCZ	86.73	137	P	21	18.30	0.3		2.0s	101.00nm			6.0mb	
	1.3s	335.05nm				6.1mb	MSCZ	86.75	137	P	21	18.40	0.3	Z	18s	0.50um			5.0Msz	
VITF	81.48	317	P	20	51.55	0.1	HTR	86.87	322	ePc	21	19.30	0.7	N	18s	0.30um				
LMR	81.50	313	iPd	20	51.90	0.3	BWZ	86.91	136	P	21	18.10	-0.7	E	17s	0.40um				
	1.3s	170.40nm				5.8mb	HCG	87.06	322	eP	21	20.70	1.2		ePP	26	18.00			
LRG	81.60	313	iPd	20	52.70	0.6	TUZ	87.14	137	P	21	19.90	0.0		eS	33	14.00			
	1.3s	309.05nm				6.1mb	ACU	87.31	308	eP	21	21.63	0.6		eSS	39	44.00			
GRN	81.89	315	P	20	54.25	0.5	BRW	87.47	18	iPd	21	21.85	0.8	RES	96.02	2	ePc	22	02.20	1.5
CDR	82.01	313	iPd	20	54.50	0.2			eSP	21	49.45			1.0s	46.00nm				6.0mb	
		i(pP)	21	21.40	103kmX		DSZ	87.53	133	P	21	21.20	-0.7	KIC	97.04	278	P	22	08.20	1.7
		e	23	48.10			ECHE	87.55	310	eP	21	23.66	1.5	TIC	97.27	278	P	22	09.80	2.3
CER	82.11	234	iPc	20	57.00	2.0	QRZ	87.83	132	P	21	23.70	0.3	LIC	97.35	278	P	22	09.60	1.8
	1.3s	180.00nm				5.9mb	WCZ	88.08	127	P	21	26.00	1.3	BALM	97.46	24	eP	22	08.08	0.4
DOU	82.24	319	Pc	20	56.10	0.8	VUN	88.12	108	ePc	21	25.90	0.8	SIT	102.76	25	Pdiff	22	40.00	8.8X
		S	31	06.00			LTZ	88.12	134	P	21	24.50	-0.3		Z	21s	1.28um			5.4Msz
		e	31	44.00			ETOR	88.15	311	eP	21	26.23	1.1	HON	103.55	65	Pdiff	22	50.00	14.4X
UCC	82.32	320	P	20	57.00	1.3	THZ	88.33	133	P	21	25.00	-0.8		Z	19s	0.60um			5.1Msz
SNF	82.40	320	iPd	20	56.30	0.2	NRZ	88.53	130	P	21	27.40	0.7	YKA	105.2					

08d 07h

ULM 120.15 7 ePKPc 27 27.50 2.7X
WDC 120.27 31 PKP 27 40.00 14.6X
Z 20s 1.50um 5.6Msz
LRM 120.41 21 ePKP 27 25.50 -0.3
ORV 121.57 31 ePKP 27 27.31 -0.6
LMN 121.75 342 ePKP 27 31.50 3.5X
HHA I 122.61 22 ePKP 27 29.98 0.0
PTI 122.98 22 ePKPd 27 31.50 0.8
iPP 29 08.37
CMB 123.28 32 PKP 27 40.00 8.7X
Z 20s 1.03um 5.5Msz
HVU 123.75 23 ePKP 27 32.22 -0.1
EEO 123.93 354 ePKP 27 35.00 2.7X
BW06 124.07 20 ePKP 27 32.36 -0.6
ePP 29 13.79
BONR 124.41 30 ePKP 27 34.38 0.5
ePP 29 17.37
RSSD 124.52 15 ePKP 27 33.14 -0.6
Z 21s 0.86um 5.4Msz
ePP 29 09.57
SP 38 58.53
TNP 124.84 29 ePKP 27 34.47 -0.1
DUG 125.08 24 ePKP 27 35.02 0.2
ePP 29 27.58
RSNY 125.33 350 ePKP 27 34.99 0.0
Z 21s 0.91um 5.4Msz
SP 39 05.00
SS 46 21.23
ISA 126.08 32 PKP 27 50.00 13.1X
Z 20s 0.99um 5.5Msz
HRV 126.67 346 PKP 27 50.00 12.3X
Z 21s 0.98um 5.5Msz
MSU 126.77 25 ePKPc 27 38.80 0.5
ARUT 126.83 27 ePKP 27 38.88 0.5
ePP 29 35.95
SRU 126.92 23 ePKPc 27 38.34 -0.2
ePP 29 28.70
GSC 127.22 31 (Pd iff 24 20.46 -0.4
SSK 127.60 33 Pd iff 24 31.80 9.1X
PV08 128.10 22 ePKP 27 41.47 0.4
eSKP 30 49.39
PV10 128.13 22 ePKPd 27 41.26 0.3
iPP 29 41.04
e 30 43.84
GLD 128.22 18 ePKP 27 40.95 0.0
Z 21s 2.20um 5.8Msz
ePP 29 42.99
GOL 128.22 18 PKP 27 35.31 -5.8X
Z 19s 0.98um 5.5Msz
ePP 29 35.92
TBR 128.56 348 ePKP 27 40.67 -0.6
ePP 29 45.33
LVNJ 128.98 349 ePKP 27 42.35 0.2
ePP 29 46.03
GLA 130.00 31 ePKPd 27 45.52 1.1
iSKP 30 55.92
ALO 132.13 22 ePKP 27 48.88 0.3
Z 19s 0.30um 5.0Msz
iSKP 30 04.57
SDIF 38 30.25
TUC 132.59 28 ePKP 27 50.25 0.9
Z 20s 1.01um 5.5Msz
iSKP 31 06.21
ACO 132.74 14 iPKPd 27 49.50 0.0
FVM 132.83 4 PKP 28 00.00 10.4X
Z 21s 2.63um 5.9Msz
ELC 133.60 3 ePKP 27 50.73 -0.3
iSKP 31 08.85
OCO 134.24 12 iPKPd 27 53.50 1.2
FNO 134.52 13 iPKPc 27 55.00 2.2X
CEH 134.52 352 PKP 28 00.00 7.2X
Z 20s 1.16um 5.6Msz
GRT 134.61 3 ePKP 27 53.03 0.1
eSKP 31 09.45
WMOK 134.70 14 PKP 28 00.00 6.8X
Z 19s 2.10um 5.9Msz
MEO 134.70 14 iPKPd 27 49.70 -3.5X
OLY 135.21 6 ePKP 27 54.11 0.0
ePP 30 19.25
iSKP 31 14.25
TKL 135.22 357 ePKP 27 54.25 0.1
ePP 30 27.43
eSKP 31 14.10
MIAR 135.90 8 PKP 28 10.00 14.5X
Z 21s 1.57um 5.7Msz
JSC 136.38 354 ePKP 27 57.35 1.0

PRM 136.69 355 ePP 30 35.94
eSKP 31 18.07
ePKP 27 57.07 0.1
ePP 30 36.64
iSKP 31 18.91
BAO 141.90 257 e(PKP) 28 01.00 -6.1X
e 28 02.00
e 28 06.00
e 28 10.40
e 28 24.00
e 28 38.20
e 28 42.00
e 28 55.10
e 29 19.90
e 31 32.90
e 31 35.20
DEG 144.19 315 ePKP 28 08.00 -2.9X
BPA 144.23 317 ePKP 28 08.00 -2.9X
MGH 144.70 317 ePKP 28 10.00 -1.7
PAG 144.82 315 ePKP 28 10.50 -1.5
CRM 145.14 313 ePKPc 28 12.31 -0.2
MVM 145.26 313 ePKP 28 12.67 0.0
FDF 145.32 313 ePKPc 28 13.30 0.5
AGX 145.37 26 (PKP) 28 15.51 2.8X
BIM 145.41 313 ePKP 28 12.73 -0.2
LPR 145.83 323 PKP 28 13.50 -0.2
CPD 146.07 323 PKP 28 14.00 0.0
APR 146.22 325 PKP 28 15.00 0.8
SVB 146.35 311 ePKP 28 14.11 -0.4
MCP 146.46 325 (PKP) 28 14.00 -0.6
PORP 146.48 324 PKP 28 15.00 0.3
CGX 146.71 30 (PKP) 28 18.37 3.2X
MGP 146.77 325 PKP 28 15.00 -0.1
MRX 147.77 27 (PKP) 28 18.68 2.0
TBH 147.95 307 ePKP 28 22.97 5.9X
TRN 148.11 308 ePKP 28 22.52 5.2X
TPP 148.35 307 ePKP 28 23.91 6.2X
TCE 148.35 308 ePKP 28 22.61 4.8X
UNM 148.94 24 (PKP) 28 20.00 1.1
TPM 149.30 24 (PKP) 28 19.00 -0.3
PPM 149.40 23 (PKP) 28 21.43 1.5
III 149.68 25 (PKP) 28 26.08 6.1X
RFA 149.73 210 iPKPd 28 20.10 0.7
MRA 149.99 217 ePKPc 28 21.20 1.4
TCA 150.05 220 iPKPc 28 21.00 1.0
ACX 150.85 27 (PKP) 28 23.03 1.5
GWJ 151.14 340 iPKPd 28 29.16 7.1X
STH 151.17 341 iPKPd 28 28.97 7.0X
MDZ 151.40 212 i(PKP) 28 24.00 2.0
i 28 55.20
OXX 151.92 21 (PKP) 28 26.29 3.0X
RTPR 151.96 219 ePKPd 28 24.40 1.6
RTCV 152.02 214 ePKPc 28 24.20 1.3
CFA 152.05 215 ePKPd 28 24.30 1.3
PEL 152.12 209 ePKP 28 31.00 8.0X
CAR 152.31 315 ePKP 28 25.00 1.1
ZON 152.34 214 ePKP 28 23.10 -0.3
RTLL 152.38 215 ePKPd 28 24.00 0.5
RTCB 152.45 214 ePKP 28 25.50 1.9
CYA 152.74 223 ePKP 28 25.00 1.0
FSA 154.36 227 ePKP 28 28.00 1.8
SLA 154.76 230 ePKPc 28 28.00 1.0
TOV 154.77 318 ePKP 28 29.00 1.8
HJA 155.50 233 ePKPc 28 30.50 2.7X
SDV 155.99 318 ePKP 28 29.10 0.1
YJA 156.10 235 ePKPc 28 31.30 2.0
CNCB 160.46 246 iPKPc 28 36.20 1.6
ZOBO 160.77 247 iPKPc 28 35.90 0.9
1.7s 203.49nm
LR 25 20.00
ARE 163.71 243 iPKPc 28 39.50 2.0
2.0s 264.71nm
S.D. = 1.1 on 532 of 591 obs.
DEC 08, 1992 07h 21m 46.56 ± 0.56s
38.994 N ± 4.8km 23.493 E ± 5.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.5 (ATH).
AGG 0.91 272 iPg 22 02.90 -1.0
eSg 22 16.10
PAIG 0.94 9 ePg 22 04.86 0.4
eSg 22 19.70
ATH 1.04 170 ePg 22 06.70 0.6
LIT 1.35 325 iPb 22 11.26 -0.1
eSb 22 29.46

OUR 1.39 16 ePb 22 11.94 0.0
eSb 22 30.66
THE 1.69 346 ePb 22 15.74 -0.4
iSb 22 38.46
SOH 1.83 357 ePb 22 18.34 0.0
KZN 1.87 315 ePb 22 19.00 0.1
SRS 2.12 2 iPn 22 22.46 -0.1
eSn 22 50.06
GRG 2.13 337 ePn 22 22.26 -0.4
iSn 22 48.62
PRK 2.18 82 ePb 22 28.30 5.0X
KNT 2.21 348 iPn 22 24.14 0.3
EZV 2.35 68 ePn 22 24.90 -0.8
VLS 2.42 251 ePg 22 32.00 5.2X
FNA 2.42 318 ePn 22 26.70 -0.1
eSn 22 56.66
VAY 2.43 343 iPn 22 27.40 0.5
KEK 2.95 285 ePb 22 38.10 3.8X
OHR 2.96 316 iPn 22 35.60 1.1
i 22 44.20
i 23 09.70
i 23 25.80
Lg 23 31.90
S.D. = 0.6 on 15 of 18 obs.
% DEC 08, 1992 08h 18m 30.55 ± 0.90s
39.158 N ± 7.8km 27.647 E ± 9.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.8 (ISK).
IZM 0.82 202 ePg 18 46.60 0.2
eSg 18 58.60
DST 0.88 59 iPn 18 46.90 -0.6
EDC 1.20 8 ePn 18 53.00 0.1
KCT 1.22 26 iPn 18 53.90 0.7
EZN 1.22 304 ePn 18 52.90 -0.4
S.D. = 0.7 on 5 of 5 obs.
& DEC 08, 1992 08h 23m 15.20s
36.845 N 121.602 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.7 (BRK).
SAO 0.15 122 iPd 23 17.93 -0.5
eS 23 19.66
GCC 0.37 300 iPc 23 22.54 -0.1
COE 0.42 352 iPd 23 24.49 0.9
MHC 0.50 356 iPd 23 25.63 0.4
eS 23 33.29
ARN 0.51 6 iPd 23 25.60 0.2
iS 23 37.15
PRS 0.55 160 iPd 23 25.56 -0.6
LLA 0.58 113 iPd 23 26.44 -0.4
eS 23 35.28
PCC 0.90 317 iPc 23 31.95 -0.7
JEGM 0.96 314 ePn 23 32.64 -1.0
eS 23 46.52
PRI 1.03 133 iPc 23 34.89 -0.1
BKS 1.15 334 iPd 23 35.89 -0.9
eS 23 53.39
ZSP 1.22 335 iPd 23 36.97 -1.0
eS 23 56.69
HMR 1.32 353 ePg 23 42.65 3.0
PHAM 1.40 136 ePn 23 36.59 -4.4
ePg 23 41.96
eS 23 55.60
PKEM 1.44 123 ePn 23 52.99 11.5
FRI 1.52 84 iPd 23 42.41 -0.3
CMB 1.53 39 ePc 23 41.73 -1.2
eS 24 01.06
NTYM 1.76 332 ePn 23 44.41 -1.7
MMPM 2.19 69 ePn 23 52.79 0.0
eS 24 23.29
MEMM 2.28 68 ePn 23 54.33 0.7
S 24 24.44
MTUM 2.48 77 ePn 23 56.50 -0.2
eS 24 31.50
MRCM 2.60 71 ePn 23 59.59 1.1
eS 24 35.75
ORV 2.71 2 iPg 24 09.45 9.7
eS 24 49.00
BONR 2.85 66 (Pn) 24 03.46 1.3
TNP 3.70 69 ePg 24 22.12 8.0
eS 25 12.23
25 obs. associated

? DEC 08, 1992 08h 29m 42.50±7.11s
46.571 S ±26.4km 165.713 E ±58.2km
DEPTH = 135.1 ± 31.9 km
OFF W. COAST OF S. ISLAND, N.Z. (161)

BCZ	1.58	70	Pd	30	10.60	-1.6
			eS	30	26.90	
SIZ	1.69	101	P	30	13.80	0.4
			eS	30	33.10	
TLC	2.72	61	P	30	26.70	0.3
TUZ	2.79	79	eP	30	27.60	0.5
MMCZ	2.86	58	eP	30	28.50	0.3
CMCZ	2.87	62	eP	30	28.70	0.5
MHZ	2.92	60	eP	30	28.80	-0.1
SBCZ	2.92	61	eP	30	29.20	0.3
LSCZ	2.94	62	eP	30	29.20	0.0
LRCZ	2.95	61	eP	30	29.80	0.4
MSCZ	2.98	62	P	30	30.00	0.3
BWZ	3.57	57	eP	30	37.00	-0.4
ODZ	3.77	68	eP	30	39.40	-0.7
LMZ	3.80	43	eP	30	41.20	0.7
LTZ	6.02	53	eP	31	09.30	-1.1
DSZ	6.51	44	eP	31	17.20	0.0

S.D. = 0.7 on 16 of 16 obs.

DEC 08, 1992 08h 44m 29.87±0.52s
38.363 N ± 5.0km 26.960 E ± 4.5km
DEPTH = 10.0km (geophysicist)
3.5mb (1 obs.)
AEGEAN SEA (365)
MD 3.7 (ATH), 3.5 (ISK).

Izm	0.24	82	iPg	44	35.40	0.4
PRK	1.03	329	ePb	44	50.10	0.7
CIN	1.17	130	ePg	44	46.00	-5.7X
			iSg	45	00.00	
EZN	1.54	342	ePn	44	56.90	-0.5
DST	1.80	46	iPn	45	01.00	-0.2
KHL	2.02	90	ePn	45	03.50	-0.9
EDC	2.10	19	ePn	45	05.00	-0.5
BNT	2.13	20	ePn	45	06.00	0.1
KCT	2.17	29	iPn	45	07.40	0.8
ALN	2.63	345	iP	45	13.12	0.1
ELL	2.84	124	ePn	45	16.00	-0.3
YLV	2.89	40	ePn	45	17.00	0.2
PAIG	2.99	303	eP	45	18.32	0.1
OUR	3.03	311	eP	45	17.48	-1.3
KSL	3.07	136	ePn	45	22.00	2.8X
NPS	3.28	200	ePn	45	23.00	0.7
DMK	3.51	10	ePn	45	26.00	0.5
SOH	3.71	313	eP	45	20.52	-8.0X
KNT	4.20	313	eP	45	38.22	2.9X
GEC2	14.19	322	Pn	47	59.90	6.9X

0.7s 0.73nm 3.5mb
S.D. = 0.7 on 15 of 20 obs.

? DEC 08, 1992 08h 46m 50.25±1.66s
17.389 N ± 7.0km 120.061 E ±30.8km
DEPTH = 10.0km (geophysicist)
4.0mb (2 obs.)

LUZON, PHILIPPINE ISLANDS (249)

PIP	1.07	30	iP	47	10.60	0.2
			eS	47	20.00	
BCP	1.10	151	eP	47	10.60	-0.3
			eS	47	20.00	
CVP	1.71	79	ePc	47	26.00	5.8X
			eS	47	46.00	
TGY	3.37	165	eP	47	44.00	0.0
BBP	3.60	30	ePd	47	53.50	6.3X
PGP	3.96	167	ePd	47	52.80	0.5
			eS	48	42.50	
NAO	83.98	332	P	59	28.20	6.4X
			1.50nm			4.4mb
YKA	89.62	22	eP	59	49.00	-0.3
			0.8s 0.30nm			3.6mb

S.D. = 0.5 on 5 of 8 obs.

? DEC 08, 1992 09h 22m 45.69±7.84s
35.986 S ±57.2km 71.687 W ±41.7km
DEPTH = 100.0km (geophysicist)
CENTRAL CHILE (136)
MD 4.2 (SAN).

LNV	2.04	6	iP+	23	19.92	0.7
			(S)	23	42.85	

CACH	2.07	26	eP	23	20.32	0.5
			iS	23	43.16	
TACH	2.41	15	iP+	23	24.03	-0.2
			iS	23	49.95	
LCCH	2.51	2	iPd	23	25.20	-0.3
			iS	23	52.03	
PCH	2.55	23	iPd	23	26.12	-0.1
			iS	23	54.01	
FCH	2.89	24	iP+	23	31.15	0.1
			iS	24	03.33	
RFA	2.90	66	iPd	23	30.80	-0.1
			(S)	24	00.00	
PEL	2.95	17	iPd	23	31.75	0.1
			iS	24	03.25	
ROCH	3.06	11	iP+	23	33.03	-0.2
			iS	24	05.61	
JACH	3.42	16	iPd	23	37.59	-0.4
			iS	24	13.52	

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

DEC 08, 1992 09h 30m 35.71±0.99s
17.732 N ± 7.2km 60.966 W ± 8.7km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
LEEWARD ISLANDS (92)
ML 3.9 (FDF), MD 3.6 (TRN).

CPB	0.82	264	eP	30	50.49	-0.4
			eS	31	00.65	
BPA	1.09	231	eP	30	54.30	-0.4
			S	31	02.30	
DEG	1.41	184	eP	30	59.26	-0.1
			S	31	15.50	
SEG	1.42	201	eP	30	59.70	0.3
MGH	1.56	230	eP	31	01.20	-0.3
NEV	1.64	249	eP	31	03.20	0.5
			S	31	22.60	
DOG	1.80	200	eP	31	05.50	0.5
PAG	1.83	202	eP	31	05.85	0.5
			S	31	26.80	
CRM	2.96	179	ePd	31	21.30	-0.2
FDF	2.99	183	eP	31	21.63	-0.3
MVM	3.16	179	eP	31	24.31	0.0
BIM	3.20	182	eP	31	24.68	-0.2
YKA	57.96	334	eP	40	27.20	0.1

0.6s 0.90nm 4.0mb
S.D. = 0.4 on 13 of 13 obs.

* DEC 08, 1992 09h 32m 17.73±2.74s
17.501 N ±16.8km 61.150 W ±16.9km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
ML 3.8 (FDF), MD 3.5 (TRN).

CPB	0.66	282	eP	32	30.86	0.0
			eS	32	41.31	
BPA	0.81	236	iP	32	33.54	0.0
			eS	32	46.22	
DEG	1.18	176	eP	32	39.68	-0.2
			S	32	56.70	
SFG	1.24	182	eP	32	40.50	-0.3
MGH	1.28	233	ePd	32	41.40	-0.1
			S	32	58.81	
NEV	1.41	255	iP	32	43.19	-0.2
			eS	33	02.72	
DOG	1.53	197	eP	32	45.49	0.4
PAG	1.55	199	eP	32	45.80	0.3
			S	33	07.90	

S.D. = 0.3 on 8 of 8 obs.

* DEC 08, 1992 09h 39m 48.33±0.79s
40.434 N ± 8.0km 23.459 E ± 9.4km
DEPTH = 10.0km (geophysicist)

GREECE (364)

SOH	0.40	348	iPg	39	56.10	-0.3
			eSg	40	02.12	
OUR	0.41	104	ePg	39	57.04	0.3
			eSg	40	05.00	
PAIG	0.53	161	ePg	39	58.84	-0.3
			eSg	40	06.48	
KNT	0.84	330	ePg	40	04.50	-0.1
			eSg	40	16.44	
GRG	0.96	303	ePg	40	07.04	0.4
			eSg	40	19.08	

S.D. = 0.5 on 5 of 5 obs.

? DEC 08, 1992 09h 48m 41.00±0.01
16.317 S ±17.9km 67.853 E ±15.2
DEPTH = 10.0km (geophysicist)
5.0mb (5 obs.) 4.6msz (1 obs.)
MID-INDIAN RIDGE (429)

DMN	46.76	21	PKP	57	13.42	0.6
PKI	46.83	22	PKP	57	13.70	0.2
GKN	46.96	20	PKP	57	14.46	0.2
KKN	46.99	21	PKP	57	13.82	-0.8
GUN	47.31	22	PKP	57	15.34	-1.9
WIN	48.08	254	eP	57	32.00	8.7X
			1.0s 20.00nm			5.2mb
BCAO	52.94	289	iPc	57	52.10	-8.1X
			0.9s 18.00nm			5.0mb
			i	58	02.40	
			i	58	10.00	
			i	58	34.10	
ASPA	62.04	108	iPd	59	04.20	-0.3
			0.8s 8.80nm			5.0mb
Z	21s		3.60um			5.5mszX
LZH	62.25	33	eP	59	12.00	6.3X
			1.5s 27.00nm			5.2mb
Z	25s		0.48um			4.6mszX
WB2	62.94	104	iPd	59	10.70	0.2
STK	67.95	118	eP	59	46.20	3.6X
BJI	71.86	37	eP	00	18.00	11.8X
			Z 20s 0.30um			4.6msz
			eS	09	28.00	
VRI	72.20	331	ePc	00	01.50	-6.6X
KIC	75.24	281	P	00	25.80	-0.6
LIC	75.47	281	P	00	27.10	-0.6
TIC	75.59	281	P	00	28.00	-0.5
NUR	84.05	340	eP	01	17.60	4.8X
KAF	84.75	342	iP	01	19.00	2.7
			0.6s 2.20nm			4.6mb
YKA	133.85	2	ePKP	08	00.50	0.9
			0.9s 0.80nm			
SES	146.00	359	ePKP	08	39.00	17.1X
LRM	150.58	0	ePKP	08	38.00	8.5X

S.D. = 1.2 on 12 of 21 obs.

* DEC 08, 1992 09h 50m 29.26±0.62s
7.590 N ±14.2km 76.505 W ±11.1km
DEPTH = 10.0km (geophysicist)
4.6mb (1 obs.)

NORTHERN COLUMBIA (99)

UPA	3.30	295	ePc	51	22.79	0.8
			eS	52	11.05	
			e	52	11.07	
BMG	3.44	98	eP	51	25.00	0.9
ECO	3.61	299	eP	51	26.87	0.4
			eS	52	16.59	
BOG	3.82	140	eP	51	35.00	5.3X
			eS	52	27.00	
DVD	5.95	279	eP	52	02.97	3.5X
ZOBO	25.13	161	P	55	56.00	-0.8
CNCB	25.67	161	P	56	02.00	0.2
ULM	45.49	343	eP	58	53.50	3.0X
LRM	49.08	327	eP	59	18.90	-0.1
			e	59	21.90	

08d 10h

eSn 35 15.70
S.D. = 0.4 on 7 of 7 obs.

% DEC 08, 1992 10h 58m 03.96 ± 0.88s
39.094 N ± 7.5km 27.613 E ± 9.0km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.8 (ISK).

IZM 0.75 202 ePg 58 18.60 0.0
DST 0.94 57 ePn 58 21.80 -0.1
EZM 1.24 307 ePn 58 27.00 0.1
EDC 1.27 9 ePn 58 27.00 -0.5
KCT 1.29 26 iPn 58 28.30 0.5

S.D. = 0.5 on 5 of 5 obs.

% DEC 08, 1992 11h 48m 47.39 ± 3.66s
43.896 N ± 18.2km 7.108 E ± 19.5km
DEPTH = 10.0km (geophysicist)

NEAR SOUTH COAST OF FRANCE (379)

ML 2.0 (GEN).

STV 0.38 24 P 48 55.04 -0.2
ENR 0.40 34 P 48 55.36 -0.2
IMI 0.56 88 P 48 58.47 -0.4
PZZ 0.61 360 P 48 59.89 0.1
ROB 0.68 54 P 49 00.90 0.0
FIN 0.85 68 P 49 04.27 0.4
PCP 1.22 57 P 49 10.47 0.4

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

DEC 08, 1992 12h 00m 09.65 ± 0.64s
1.300 N ± 6.3km 125.665 E ± 7.8km
DEPTH = 89.9 ± 6.9 km
4.9mb (8 obs.)

NORTHERN MOLUCCA SEA (266)

MNI 0.84 280 ePd 00 28.50 0.7
TNE 1.74 107 ePd 00 37.60 -1.3
BIP 6.90 5 eP 01 50.50 0.4
CGP 7.17 352 eP 01 54.50 0.7
TSM 8.33 291 iPd 02 09.80 0.1
MTN 15.06 159 eP 03 38.00 -1.0
WB2 22.77 158 iPd 05 05.30 0.1
MBL 23.04 194 eP 05 00.80 -7.1X
QIS 25.66 149 eP 05 32.50 -0.3
ASPA 26.08 163 iPd 05 37.40 0.7

MRWA 31.72 196 eP 06 28.00 0.9
KLB 33.56 192 eP 06 43.50 0.4
STK 36.29 157 iPc 07 07.40 1.1
LZH 40.09 332 eP 07 38.50 0.3
GUN 46.34 308 P 08 28.40 -0.6
PKI 46.55 308 P 08 30.16 -0.6
KKN 46.76 308 P 08 31.22 -1.0
DMN 46.81 308 P 08 32.50 -0.2
GKN 47.36 308 P 08 35.26 -1.6
HYB 48.98 292 eP 08 49.00 -0.4
GBA 49.25 287 P 08 51.40 0.0
IMA 85.02 24 eP 12 38.90 2.6
KAF 93.24 332 eP 13 14.80 -0.2
YKA 102.14 24 ePd 13 54.30 -0.9

S.D. = 1.0 on 23 of 24 obs.

& DEC 08, 1992 12h 02m 42.40s
36.845 N 121.602 W
DEPTH = 6.0km
CENTRAL CALIFORNIA (39)

<BRK>. ML 2.7 (BRK).

SAO 0.15 122 iPd 02 45.10 -0.4
GCC 0.37 300 iPc 02 49.77 0.0
COE 0.42 352 iPd 02 51.70 0.9
MHC 0.50 356 iPd 02 52.79 0.4
ARN 0.51 6 iPd 02 52.78 0.2
PRS 0.55 160 iPd 02 52.78 -0.6
LLA 0.58 113 iPd 02 53.64 -0.3
PCC 0.90 317 iPc 02 59.13 -0.9
JEGM 0.96 314 ePn 02 59.80 -1.2
PRI 1.03 133 iPc 03 02.14 -0.2
BKS 1.15 334 ePc 03 03.16 -1.1
ZSP 1.22 335 iPd 03 04.15 -1.2
HMR 1.32 353 (P) 03 07.33 0.2
FRI 1.52 84 eP 03 09.60 -0.6
CMB 1.53 39 ePd 03 09.44 -1.4
NTYM 1.76 332 ePn 03 11.74 -1.8
MMPM 2.19 69 ePn 03 20.22 0.0
MTUM 2.48 77 (Pn) 03 24.43 0.2
MRCM 2.60 71 (Pn) 03 27.06 1.1
ORV 2.71 2 ePn 03 27.01 -0.2
BONR 2.85 66 (P) 03 31.87 2.3
TNP 3.70 69 ePg 03 48.31 6.8
22 obs. associated

? DEC 08, 1992 12h 14m 17.36 ± 5.66s
31.529 S ± 32.1km 71.950 W ± 40.7km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

JACH 1.63 135 iP 14 45.85 -0.4
ROCH 1.64 151 iP+ 14 46.48 -0.1
PEL 1.93 147 iPd 14 50.54 -0.1
LCCH 1.97 171 iP 14 50.81 -0.3
FCH 2.28 142 iPd 14 55.70 -0.2
TACH 2.28 158 iP 14 56.71 1.0
LNV 2.46 170 eP 14 58.02 -0.1
MDZ 2.95 118 iP 15 18.70 13.5X
CFA 3.17 92 e(P) 15 18.00 1.7
TCA 6.29 90 eP 15 51.00 -1.6

S.D. = 1.1 on 9 of 10 obs.

? DEC 08, 1992 12h 29m 04.59 ± 8.36s
41.748 N ± 45.6km 22.222 E ± 35.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.0 (SKO).

VAY 0.50 148 iPg 29 14.70 0.0
KNT 0.78 139 eP 29 19.46 -0.2
GRG 0.80 170 eP 29 20.18 0.0
SRS 1.21 121 eP 29 27.02 -0.1
THE 1.25 153 eP 29 23.06 -4.7X
SOH 1.26 137 eP 29 28.38 0.4

S.D. = 0.3 on 5 of 6 obs.

& DEC 08, 1992 12h 30m 28.82s
34.997 N 116.950 W
DEPTH = 4.7km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.3 (GS).

GSC 0.33 21 iPd 30 35.12 -0.3
PEC 1.12 189 ePd 30 49.11 -1.2
ISA 1.41 299 eP 30 53.79 -1.5
PLM 1.64 177 ePc 30 58.88 0.2

GLA 2.62 137 (Pn) 31 13.81 1.2
TNP 3.09 356 ePn 31 19.72 0.4
6 obs. associated

? DEC 08, 1992 13h 13m 45.19 ± 4.60s
42.557 N ± 40.2km 23.962 E ± 10.6km
DEPTH = 10.0km (geophysicist)

BULGARIA (359)

SRS 1.46 191 ePb 14 11.00 -0.7
KNT 1.60 210 ePb 14 13.80 0.1
VAY 1.61 221 iPn 14 14.50 0.7
SOH 1.79 195 ePn 14 16.48 0.1
GRG 1.98 217 ePn 14 18.24 -0.9
OUR 2.22 180 ePn 14 22.70 0.1
ALN 2.28 136 ePn 14 23.32 -0.1
PAIG 2.64 185 ePn 14 29.00 0.5

S.D. = 0.6 on 8 of 8 obs.

DEC 08, 1992 13h 17m 47.88 ± 0.82s
2.665 N ± 6.2km 128.605 E ± 11.4km
DEPTH = 229.2 ± 9.0 km
4.7mb (7 obs.)

HALMAHERA, INDONESIA (267)

TNE 2.25 214 iP 18 32.90 1.5
MNI 3.95 252 eP 18 51.00 0.3
BIP 6.00 337 ePd 19 14.50 -1.8
CGP 6.94 326 eP 19 28.00 -0.3
MTN 15.61 171 eP 21 17.00 -0.7
KHKI 16.97 230 ePc 21 34.00 0.6
KNA 18.30 180 eP 21 47.60 0.2
TRT 18.97 237 iPd 21 37.20 -17.1X
QIS 25.47 155 iPc 22 56.30 -0.6
ASPA 26.68 169 iPc 23 07.20 -0.6
CHG 33.17 301 eP 24 06.00 0.9
FORT 33.26 181 eP 24 05.00 -0.6
MRWA 33.93 200 eP 24 10.30 -1.0
MUN 36.41 198 eP 24 32.00 -0.2
STK 36.50 161 eP 24 32.00 -0.2
DZM 44.40 126 iPc 25 38.70 0.9
GUN 47.86 306 P 26 00.00 -5.3X
HYB 51.24 290 eP 26 30.10 -0.6
IMA 82.60 24 eP 29 47.36 0.9
PMR 83.98 28 eP 29 54.90 1.7
YKA 99.68 25 eP 31 06.10 -0.4

S.D. = 1.0 on 19 of 21 obs.

DEC 08, 1992 14h 55m 07.80 ± 0.74s
38.967 S ± 9.1km 174.470 E ± 9.1km
DEPTH = 278.9 ± 9.7 km
NORTH ISLAND, NEW ZEALAND (159)

NRZ 0.56 228 P 55 44.70 0.5
CNZ 0.87 106 P 55 45.00 -0.7
BSZ 0.90 157 P 55 45.20 -0.5
NGZ 0.90 104 P 55 45.40 -0.5
WAHZ 1.63 117 P 55 49.80 -0.4
MNG 1.82 155 P 55 50.90 -0.7
DIW 1.88 193 Pd 55 51.90 -0.2
TTH 1.92 108 P 55 53.00 0.7
KIW 1.92 170 Pc 55 51.60 -0.8
PAHZ 2.02 88 P 55 53.80 0.6
TEHZ 2.08 120 P 55 53.70 0.0
MOH 2.09 95 P 55 54.60 0.8

PGZ 2.16 140 P 55 53.60 -0.7
 URZ 2.19 72 P 55 55.10 0.5
 S 56 23.10
 CAW 2.19 168 P 55 54.00 -0.7
 TCW 2.25 184 P 55 55.20 0.0
 MRW 2.27 176 P 55 54.90 -0.5
 S 56 22.60
 WEL 2.33 174 P 55 55.40 -0.5
 MTW 2.33 160 P 55 55.00 -0.9
 ORZ 2.38 218 P 55 56.70 0.3
 SLW 2.52 163 P 55 56.80 -0.9
 MOW 2.52 167 P 55 57.00 -0.8
 AMW 2.54 157 P 55 57.30 -0.6
 MAHZ 2.66 96 P 56 00.30 1.2
 NOZ 2.81 84 P 56 01.70 1.2
 THZ 3.04 203 P 56 03.50 0.5
 S 56 40.10
 DSZ 3.44 215 P 56 08.30 1.1
 KHZ 3.52 191 P 56 08.40 0.4
 S 56 47.70
 LTZ 4.16 203 P 56 16.30 1.1
 MQZ 4.93 196 P 56 24.30 0.1
 S 57 16.50
 ODZ 6.71 204 P 56 48.10 2.3
 WRA 39.37 287 P 02 10.40 -1.7
 0.6s 0.50nm 3.1mb
 S.D. = 0.9 on 32 of 32 obs.

* DEC 08, 1992 14h 56m 50.75 ± 0.79s
 9.967 N ± 13.5km 74.488 W ± 5.6km
 DEPTH = 65.9 ± 11.3 km
 3.8mb (1 obs.)
 NORTHERN COLOMBIA (99)

SDV 3.95 105 iPnc 57 51.80 1.3
 iSn 58 37.00
 TOV 4.63 92 iPnc 58 00.90 1.0
 iSn 58 53.50
 UPA 5.07 259 eP 58 06.69 0.6
 iS 59 02.61
 ECO 5.17 264 iPc 58 06.40 -1.1
 iS 59 02.32
 MORO 6.14 81 iPd 58 20.50 -0.5
 iS 59 29.20
 CEOS 6.14 98 iPc 58 20.50 -0.6
 eS 59 28.40
 OLLA 7.57 89 iP 58 40.10 -0.8
 GUAN 8.71 89 eP 58 55.60 -1.0
 eS 00 35.80
 ZOBO 26.83 166 eP 02 27.00 -0.7
 CNCB 27.37 166 P 02 33.00 0.4
 YKA 59.86 340 eP 06 52.20 0.6
 0.7s 0.50nm 3.8mb
 LIC 68.77 87 P 07 50.40 0.0
 S.D. = 1.0 on 12 of 12 obs.

? DEC 08, 1992 15h 12m 15.34 ± 3.71s
 16.438 N ± 11.4km 60.918 W ± 34.5km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 2.9 (FDF).

DEG 0.18 228 ePd 12 21.74 -0.1
 SFG 0.32 236 ePd 12 23.45 0.1
 MGG 0.64 217 eP 12 28.08 0.1
 S 12 37.90
 DOG 0.78 239 ePd 12 30.03 0.1
 PAG 0.84 241 eP 12 30.57 -0.2
 S 12 42.20
 BPA 1.08 304 eP 12 34.30 0.0
 MGH 1.28 283 eP 12 37.00 0.0
 S 12 54.00
 S.D. = 0.1 on 7 of 7 obs.

* DEC 08, 1992 15h 54m 05.51 ± 2.34s
 26.846 S ± 16.3km 175.959 W ± 13.2km
 DEPTH = 86.4 ± 19.6 km
 5.2mb (7 obs.)
 SOUTH OF TONGA ISLANDS (175)

RAO 2.96 215 eP 54 51.30 0.1
 iS 55 35.60
 PGZ 15.17 203 eP 57 30.80 -5.3X
 MNG 15.46 205 eP 57 31.90 -7.9X
 DZM 16.71 283 iPc 57 58.50 2.8X
 BKM 17.23 299 iPc 58 04.50 2.5X
 THZ 17.47 209 eP 58 02.40 -2.6X

KHZ 17.75 206 eP 58 03.10 -5.2X
 LTZ 18.57 208 eP 58 13.80 -4.5X
 MOZ 19.19 206 eP 58 20.30 -4.7X
 eS 01 42.30
 LMZ 20.65 212 eP 58 39.70 -0.4
 TUZ 22.26 207 P 59 00.30 4.2X
 RMQ 31.47 263 iPd 00 22.20 1.1
 0.3s 11.00nm 5.1mb
 STK 37.16 252 eP 01 10.70 1.0
 e 03 30.20
 ASPA 45.23 262 iPd 02 15.60 -0.4
 1.2s 30.20nm 5.0mb
 eS 08 54.70
 WB2 45.89 268 iPc 02 20.20 -1.0
 0.5s 21.80nm 5.3mb
 FORT 48.78 252 eP 02 43.00 -0.7
 COOL 54.59 250 eP 03 26.00 -1.4
 KLB 57.26 248 eP 03 46.00 -0.4
 BAL 58.37 249 eP 03 53.70 -0.5
 MBL 58.40 261 eP 03 45.00 -9.5X
 MUN 58.45 247 iPc 03 54.90 0.2
 MRWA 59.33 251 eP 04 00.30 -0.5
 NANU 61.71 258 eP 04 17.60 0.5
 0.6s 26.00nm 5.5mb
 NVL 82.51 183 eP 06 21.00 1.7
 1.2s 34.00nm 5.1mb
 SSE 83.17 310 eP 06 50.00 26.6X
 MDJ 86.76 324 eP 06 41.20 0.3
 WHN 87.68 306 Pc 06 49.00 3.3X
 1.0s 44.00nm 5.5mb
 SNY 88.24 319 Pc 06 51.40 3.3X
 ALQ 89.95 50 eP 06 56.70 0.1
 0.8s 3.36nm 4.6mb
 NNT 90.62 284 eP 07 04.20 4.4X
 BJI 91.68 315 eP 07 05.00 0.8
 TIY 92.87 311 eP 07 11.80 2.0
 KWI 93.85 296 eP 07 18.60 3.8X
 FBA 94.03 12 eP 07 13.00 -1.5
 1.0s 0.30nm 3.7mb X
 CHG 94.11 289 eP 07 18.90 3.1X
 HHC 95.08 313 eP 07 21.00 1.0
 KAF 141.74 343 ePKP 13 27.00 -1.0
 NUR 143.53 343 ePKP 13 32.00 0.9
 UPP 145.70 348 iPKP 13 32.50 -2.3X
 NAO 145.72 354 PKP 13 33.20 -1.6
 0.8s 32.50nm
 BCAA 153.76 214 ePKPc 13 49.10 0.6
 0.6s 8.00nm
 i 14 11.30
 KSP 154.28 342 ePKPd 13 56.00 7.9X
 CLL 154.64 347 iPKPc 13 57.10 8.6X
 BRG 154.84 345 i(PKP) 13 49.00 0.2
 1.0s 18.00nm
 i 13 57.60
 GEC2 156.79 344 PKP 13 50.70 -0.9
 1.0s 2.06nm
 S.D. = 1.0 on 26 of 45 obs.

% DEC 08, 1992 17h 00m 51.88 ± 1.84s
 17.294 N ± 20.0km 94.751 W ± 11.5km
 DEPTH = 139.2 ± 32.8 km
 CHIAPAS, MEXICO (61)

EVV 1.29 334 iP 01 18.50 -0.2
 iS 01 36.00
 OXX 1.90 264 iP 01 25.80 0.0
 iS 01 53.00
 SCX 2.10 105 iP 01 28.00 0.0
 iS 01 53.50
 IISM 3.01 304 iP 01 40.00 0.4
 PPM 4.08 296 iP 01 54.50 0.2
 TPM 4.43 293 iP 01 58.00 -0.6
 S.D. = 0.5 on 6 of 6 obs.

* DEC 08, 1992 17h 30m 42.56 ± 1.45s
 32.184 S ± 10.9km 70.191 W ± 10.0km
 DEPTH = 136.6 ± 17.1 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

JACH 0.60 214 iP+ 31 02.60 -0.7
 iS 31 15.99
 PEL 1.04 203 iPd 31 06.42 -0.4
 iS 31 22.55
 ROCH 1.05 221 iP+ 31 06.73 -0.3
 iS 31 23.37
 FCH 1.14 184 iP+ 31 07.98 -0.1

MDZ 1.33 122 iS 31 25.43
 iP 31 10.20 0.5
 iS 31 30.20
 RTCV 1.44 78 ePc 31 11.00 0.1
 PCH 1.46 191 iPd 31 11.51 0.4
 iS 31 31.69
 TACH 1.59 203 e(P) 31 12.29 -0.3
 (S) 31 33.54
 LCCH 1.73 222 iPd 31 14.66 0.5
 iS 31 36.26
 CFA 1.76 71 ePd 31 14.90 0.4
 S 31 37.70
 CACH 1.96 190 iP 31 18.12 1.2
 iS 31 42.55
 LNV 2.04 210 iP 31 17.61 -0.2
 eS 31 41.62
 RFA 2.96 151 eP 31 28.90 -0.6
 RTPR 3.67 60 e(P) 31 39.30 0.5
 TCA 4.84 81 iP 31 53.60 -1.1
 S.D. = 0.7 on 15 of 15 obs.

& DEC 08, 1992 17h 44m 01.86s
 63.965 N 148.765 W
 DEPTH = 11.3km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.5 (AEIC).

MCK 0.25 198 iP 44 06.98 -0.2
 eS 44 10.03
 RND 0.56 184 iP 44 12.67 -0.6
 iS 44 20.03
 WRH 0.59 30 iP 44 13.13 -0.5
 NEA 0.63 348 eP 44 13.90 -0.5
 S 44 23.06
 CCB 0.80 31 eP 44 16.89 -0.4
 eS 44 27.56
 TRF 0.85 233 eP 44 17.75 -0.5
 eS 44 30.52
 HDA 0.91 60 eP 44 18.70 -0.4
 eS 44 31.24
 MDM 1.02 13 eP 44 21.24 0.1
 S 44 34.70
 FBA 1.03 24 eP 44 21.21 0.0
 eS 44 34.46
 KTH 1.04 248 eP 44 21.54 0.0
 S 44 35.56
 HUR 1.07 202 eP 44 22.71 0.9
 S 44 35.65
 GLM 1.19 30 eP 44 24.00 0.1
 eS 44 39.18
 MLY 1.37 322 eP 44 26.19 -0.7
 THY 1.45 111 eP 44 29.17 1.2
 S 44 48.48
 PAX 1.79 123 eP 44 34.06 1.2
 S 44 57.12
 SDG 2.05 133 eP 44 38.01 1.3
 PRP 2.09 40 eP 44 36.56 -0.8
 S 45 06.48
 DOT 2.11 97 eP 44 38.87 1.3
 S 45 07.42
 TOA 2.21 147 eP 44 40.47 1.5
 SCM 2.24 162 eP 44 39.25 -0.2
 S 45 08.20
 SKT 2.36 214 eP 44 40.93 -0.1
 S 45 10.80
 PWA 2.38 193 eP 44 42.71 1.4
 PLRM 2.39 184 eP 44 40.92 -0.5
 TZL 2.46 140 eP 44 44.95 2.5
 KNK 2.57 177 eP 44 45.11 1.1
 SUA 2.67 201 eP 44 46.23 0.6
 PMS 2.76 188 eP 44 48.75 2.0
 KLU 2.81 151 eP 44 49.45 2.0
 IMA 2.97 318 eP 44 49.52 -0.3
 NCG 3.01 213 eP 44 50.10 -0.3
 CGLM 3.06 211 eP 44 52.00 1.0
 VLZ 3.06 157 eP 44 52.39 1.5
 PTE 3.11 182 eP 44 52.57 0.9
 CP2 3.15 212 eP 44 50.60 -1.9
 CKN 3.17 211 eP 44 52.28 -0.3
 SPU 3.18 210 eP 44 53.85 1.1
 BGL 3.19 213 eP 44 52.54 -0.4
 GLI 3.19 165 eP 44 54.35 1.5
 CKT 3.20 211 eP 44 52.43 -0.6
 CKL 3.23 212 eP 44 53.44 -0.1
 GLB 3.41 136 eP 44 57.78 1.8
 SLKM 3.54 192 eP 44 58.95 1.2
 BALM 4.18 132 eP 45 07.98 0.9

08d 16h

43 obs. associated				
* DEC 08, 1992 18h 16m 09.09± 1.15s 17.904 N ±11.3km 62.050 W ±12.6km DEPTH = 28.1 ± 7.4 km 3.5mb (1 obs.)				
LEEWARD ISLANDS (92) ML 4.0 (FDF). MD 3.8 (TRN).				
CPB	0.34	141	iP	16 16.95 0.0
			eS	16 27.38
BPA	0.87	168	eP	16 25.00 -0.4
NEV	0.91	213	iP	16 24.89 -1.0
			eS	16 40.13
MGH	1.19	188	eP	16 30.15 0.2
			S	16 49.70
SFG	1.83	153	eP	16 39.00 -0.2
DEG	1.84	149	eP	16 38.13 -1.3
			S	17 06.00
PAG	1.90	169	eP	16 39.98 -0.2
			S	17 08.50
MGG	2.10	160	eP	16 42.99 0.0
YKA	57.36	334	eP	25 56.90 0.0
	0.4s	0.20nm		3.5mb
S.D. = 0.7 on 9 of 9 obs.				
DEC 08, 1992 19h 13m 39.66± 0.60s 39.248 N ± 4.8km 0.523 W ± 6.7km DEPTH = 10.6 ± 3.5 km				
SPAIN (377) mbLg 3.6 (MDD). Felt (IV) in the Algemesi oreo.				
ECHE	0.49	315	iPgd	13 51.31 1.8
			eSg	13 58.60
ACU	0.74	173	iPgd	13 54.67 0.5
			eSg	14 04.90
EALH	1.56	207	iPnd	14 07.55 0.2
			eSn	14 27.40
EVIA	1.66	249	iPnc	14 09.54 0.6
			eSn	14 32.30
ERQO	1.73	24	ePn	14 08.90 -0.9
EBR	1.75	26	ePn	14 12.00 1.8
			eSg	14 39.50
EHUE	2.16	229	iPnc	14 16.78 0.5
			eSn	14 42.60
EBAN	2.77	248	ePn	14 24.48 -0.4
			eSn	14 59.20
PAB	2.98	277	e(Pn)	14 27.00 -0.8
			ePg	14 36.50
			iSg	15 14.50
GUD	3.12	298	ePn	14 29.60 -0.2
			eSn	15 08.40
ELUO	3.39	241	iPnc	14 33.61 0.0
			eSn	15 13.80
ECRI	3.68	336	ePn	14 37.05 -0.7
			eSn	15 18.50
EPF	3.83	10	Pn	14 40.70 0.7
			Pg	14 53.40
			Sn	15 22.80
			Sg	15 40.90
EHOR	3.97	250	ePn	14 40.40 -1.4
			eSn	15 26.60
EPLA	4.37	283	iPnd	14 47.90 0.4
EJIF	4.81	236	iPnc	14 54.35 0.6
			eSn	15 48.30
LPO	5.58	13	Pn	15 04.00 -0.6
LFF	5.76	9	Pn	15 06.10 -1.1
S.D. = 1.0 on 18 of 18 obs.				
& DEC 08, 1992 20h 06m 35.38s 34.515 N 116.534 W DEPTH = 0.0km				
SOUTHERN CALIFORNIA (43) <PAS-P>. ML 3.0 (PAS). 2.7 (GS).				
PEC	0.81	220	ePd	06 50.57 -1.0
GSC	0.82	344	iPc	06 50.88 -0.8
			S	07 04.81
ISA	1.96	306	eP	07 10.93 0.6
			S	07 36.79
GLA	2.04	135	ePn	07 08.61 -2.8
4 obs. associated				
? DEC 08, 1992 20h 35m 09.86± 4.92s 32.490 S ±40.1km 71.052 W ±17.6km DEPTH = 33.0km (normal)				

NEAR COAST OF CENTRAL CHILE (135) MD 3.4 (SAN).					
JACH	0.43	116	iPd	35 19.87	0.3
			iS	35 30.18	
ROCH	0.48	176	iPd	35 21.65	1.2
			iS	35 32.84	
PEL	0.72	155	iP+	35 23.87	0.2
			iS	35 36.77	
FCH	1.05	143	iP	35 28.02	-0.6
			iS	35 44.13	
LCCH	1.07	204	iP+	35 28.93	0.3
			iS	35 43.56	
PCH	1.21	158	iP	35 30.24	-0.5
			iS	35 47.88	
LNv	1.49	192	iP	35 33.60	-1.0
			eS	35 53.86	
S.D. = 0.9 on 7 of 7 obs.					
? DEC 08, 1992 21h 02m 41.61± 4.56s 32.627 S ±28.9km 70.435 W ±19.2km DEPTH = 10.0km (geophysicist)					
CHILE-ARGENTINA BORDER REGION (127) MD 3.4 (SAN).					
JACH	0.14	248	iPd	02 45.45	0.4
			iS	02 48.46	
PEL	0.56	202	iP+	02 52.99	0.0
ROCH	0.59	235	iPd	02 53.41	-0.4
			iS	03 03.04	
FCH	0.71	170	iP+	02 55.47	-0.4
			iS	03 05.86	
PCH	0.99	184	iPd	03 00.66	0.1
			iS	03 15.15	
TACH	1.11	202	iP	03 02.90	0.5
			iS	03 17.55	
LCCH	1.27	228	iPd	03 04.81	-0.4
			iS	03 22.10	
LNv	1.56	211	eP	03 09.41	0.1
			iS	03 30.93	
S.D. = 0.4 on 8 of 8 obs.					
* DEC 08, 1992 21h 13m 33.94± 0.82s 34.832 N ±11.2km 80.184 E ±11.8km DEPTH = 33.0km (normal) 4.2mb (3 obs.)					
XIZANG (306)					
NDI	6.63	203	ePn	15 12.00	0.4
	1.0s	130.00nm			5.7mb X
		eSn	16 28.50		
GKN	7.80	150	P	15 26.88	-1.2
KKN	8.26	147	P	15 33.82	-0.8
DMN	8.34	148	P	15 36.72	1.0
GUN	8.44	143	P	15 38.24	1.0
PKI	8.51	147	P	15 39.06	0.9
QUE	12.09	251	eP	16 22.50	-4.5X
MAIO	16.90	281	eP	17 31.00	1.4
GBA	21.28	187	P	18 19.00	-0.8
NAO	50.37	323	P	22 29.50	-0.1
	0.7s	1.50nm			4.1mb
BCAO	64.33	257	iPc	24 07.10	-1.8
	0.5s	5.00nm			4.9mb
YKA	82.28	7	eP	25 53.00	0.0
	0.9s	1.50nm			4.0mb
S.D. = 1.2 on 11 of 12 obs.					
DEC 08, 1992 21h 38m 47.21± 0.43s 43.164 N ± 6.4km 0.352 W ± 3.6km DEPTH = 10.0km (geophysicist)					
PYRENEES (378) ML 3.0 (LDG). Felt (III) in the Ossau Valley, France.					
BTH	0.11	111	iPgc	38 51.00	0.9
			iSg	38 53.20	
			Lg	38 56.00	
ESCF	0.18	242	Pg	38 51.20	-0.1
			Sg	38 53.84	
ATE	0.27	253	Pg	38 52.84	0.0
			Sg	38 56.85	
MADF	0.34	267	Pg	38 54.75	0.4
			Sg	39 00.51	
ISSF	0.35	247	Pg	38 54.32	-0.2
			Sg	38 59.08	
BOH	0.49	263	Pg	38 56.96	-0.2
			Sg	39 03.98	

EPF	0.52	104	Pg	38 57.20 -0.6
			Sg	39 04.80
LPO	1.88	36	Pn	39 20.20 0.5
			Pg	39 24.40
			Sg	39 49.90
LFF	1.94	24	Pn	39 20.60 0.1
			Pg	39 25.70
			Sg	39 52.40
CAF	2.48	44	Pn	39 28.00 -0.3
			Pg	39 35.40
			Sg	40 08.20
RJF	2.53	31	Pn	39 28.50 -0.4
			Pg	39 35.80
			Sg	40 09.50
LSF	3.36	23	Pg	39 51.50 10.6X
			Sg	40 35.60
MFF	3.44	2	Pg	39 53.90 12.0X
			Sg	40 37.90
TCF	3.62	29	Pg	39 56.40 11.9X
			Sg	40 43.60
BGF	4.08	33	Pg	40 04.80 13.8X
			Sg	40 57.70
S.D. = 0.5 on 11 of 15 obs.				
* DEC 08, 1992 22h 21m 56.36± 0.79s 23.081 S ±16.1km 63.884 W ±13.3km DEPTH = 559.6 ± 13.1 km 4.3mb (1 obs.)				
SALTA PROVINCE, ARGENTINA (129)				
HJA	1.41	264	iPd	23 06.00 0.2
			S	23 09.50
YJA	1.75	301	iPd	23 06.90 -0.8
SLA	2.20	222	iPd	23 09.10 0.5
ANT	6.03	263	eP	23 36.50 0.1
CNCB	7.33	328	P	23 48.50 -0.8
SIV	7.53	21	P	23 52.80 2.2
ZOBO	7.85	329	P	23 53.30 -1.1
			S	25 25.10
ARE	9.73	311	eP	24 13.50 0.8
			eS	26 05.00
BAO	16.72	67	Pd	25 21.10 -1.0
			e	25 23.50
BDF	16.78	67	Pd	25 21.90 -0.8
			e	25 23.60
LIC	64.44	71	P	31 40.50 0.4
KIC	64.75	71	P	31 42.60 0.5
	0.4s	4.50nm		4.3mb
HYB	144.38	92	ePKP	40 33.70 2.5X
GKN	151.22	74	PKP	40 51.00 9.2X
	0.5s	7.00nm		
DMN	151.66	74	PKP	40 52.40 9.8X
KKN	151.80	74	PKP	40 52.80 10.1X
PKI	151.93	74	PKP	40 52.60 9.5X
GUN	152.33	74	PKP	40 54.40 10.7X
S.D. = 1.1 on 12 of 18 obs.				
? DEC 08, 1992 22h 33m 44.04± 0.93s 47.991 N ± 9.6km 7.487 E ± 6.5km DEPTH = 10.0km (geophysicist)				
SWITZERLAND (544) ML 2.0 (LDG).				
FEL	0.37	108	ePg	33 51.73 0.0
CDF	0.44	342	Pg	33 53.10 0.0
			Sg	33 59.20
BSF	0.49	251	Pg	33 54.00 -0.1
			Sg	33 59.80
HAU	0.76	272	Pg	33 59.10 0.1
			Sg	34 08.40
LOR	2.56	255	Pg	34 32.00 5.8X
			Sg	35 04.60
SSF	2.85	252	Pg	34 37.00 6.6X
			Sg	35 13.70
S.D. = 0.1 on 4 of 6 obs.				
% DEC 08, 1992 23h 00m 57.61± 2.38s 37.659 S ±11.7km 176.997 E ±15.6km DEPTH = 199.2 ± 20.5 km				
NORTH ISLAND, NEW ZEALAND (159)				
URZ	0.61	172	P	01 23.40 -1.9
			eS	01 39.50
TAZ	0.69	214	eP	01 24.90 -0.8
PAHZ	1.20	178	eP	01 28.90 -0.1
NOZ	1.26	140	eP	01 29.00 -0.5
MOH	1.48	175	eP	01 31.30 0.0

MAHZ	1.68	156	eP	01	34.50	1.3
TTH	1.88	184	eP	01	36.10	0.9
MOZ	1.93	243	P	01	36.90	1.3
WAHZ	2.10	194	P	01	38.30	0.8
TEHZ	2.33	184	eP	01	40.60	0.6
WCZ	2.73	308	P	01	44.90	0.4
PGZ	3.01	191	eP	01	48.30	0.6
MNG	3.18	201	P	01	50.10	0.3
			eS	02	27.20	
KIW	3.59	206	P	01	54.90	0.2
MTW	3.68	198	P	01	55.60	-0.3
CAW	3.76	203	eP	01	56.50	-0.3
BLW	3.89	197	P	01	58.20	-0.3
MRW	3.99	206	P	01	59.30	-0.4
			eS	02	45.50	
MOW	3.99	199	P	01	59.20	-0.6
TCW	4.13	210	eP	02	01.10	-0.4
QRZ	4.69	226	eP	02	08.20	-0.5
KHZ	5.44	208	eP	02	17.70	-0.6
			eS	03	19.10	

S.D. = 0.8 on 22 of 22 obs.

? DEC 08, 1992 23h 22m 04.56± 1.00s
 17.791 N ± 9.5km 86.478 E ± 8.8km
 DEPTH = 33.0km (normal)
 4.5mb (2 obs.)
 BAY OF BENGAL (319)

GBA	9.65	246	P	24	24.70	0.5
			S	25	57.70	
PKI	9.78	354	P	24	26.28	-0.1
DMN	9.85	353	P	24	27.48	0.2
	0.3s	100.00nm			6.6mb X	
KKN	10.01	354	P	24	29.32	-0.1
GUN	10.09	357	P	24	29.78	-0.8
	0.4s	81.00nm			6.3mb X	
GKN	10.30	351	P	24	33.14	-0.2
KOD	11.52	231	eP	24	56.00	5.8X
CHG	11.88	83	eP	24	54.90	0.1
POO	12.03	275	eP	24	55.50	-1.2
NDI	13.78	324	eP	25	21.50	1.7
	0.8s	7.46nm			4.5mb	
		iS		27	48.90	
MAIO	30.13	313	eP	28	33.00	19.2X
WB2	60.12	126	iPd	32	17.70	6.3X
	0.9s	2.90nm			4.4mb	

S.D. = 0.9 on 9 of 12 obs.

DEC 08, 1992 23h 30m 31.60± 0.59s
 58.968 N ± 5.4km 147.384 W ± 2.3km
 DEPTH = 10.0km (geophysicist)
 GULF OF ALASKA (15)
 ML 3.0 (AEIC).

MID	0.71	49	P	30	49.50	4.0X
MTU	1.03	353	P	30	52.00	0.9
LTI	1.10	348	iP	30	53.01	0.7
			iS	31	07.46	
KNIM	1.40	353	iP	30	57.23	0.1
			eS	31	14.48	
HIN	1.50	17	iP	30	58.58	0.0
			eS	31	17.18	
SEW	1.55	318	eP	30	59.10	-0.1
			eS	31	17.56	
CVA	1.79	27	iP	31	02.50	-0.2
			eS	31	24.36	
KAIM	1.80	56	eP	31	03.23	0.4
			eS	31	24.37	
MPA	1.83	328	eP	31	03.00	-0.2
			iS	31	24.95	
FID	1.85	14	eP	31	03.23	-0.3
BRLK	1.96	296	eP	31	05.64	0.4
			S	31	28.29	
RAGM	1.98	43	eP	31	05.30	-0.2
			eS	31	29.87	
CNPM	2.06	287	eP	31	06.65	0.0
			eS	31	30.59	
PTE	2.07	337	eP	31	06.59	-0.2
			S	31	30.28	
HMT	2.10	48	eP	31	07.04	-0.2
SLKM	2.11	318	eP	31	07.68	0.3
			eS	31	32.56	
VLZ	2.23	13	eP	31	09.42	0.3
KNK	2.51	348	eP	31	13.81	0.7
			eS	31	42.62	
PMS	2.53	335	eP	31	13.29	-0.1
			eS	31	41.75	

SNH	2.61	60	eP	31	14.30	-0.3
			eS	31	43.98	
KLU	2.64	15	eP	31	14.98	0.0
PLRM	2.77	342	eP	31	15.72	-1.1
PMR	2.77	342	eP	31	15.90	-0.9
			S	31	42.48	
CROM	2.79	48	eP	31	17.34	0.0
			eS	31	48.42	
SCM	2.88	1	eP	31	19.24	0.9
SML	2.89	351	eP	31	19.16	0.6
GHO	2.92	345	P	31	19.70	0.8
GLB	3.06	34	eP	31	20.80	-0.1
			eS	31	54.64	
REF	3.10	302	eP	31	21.47	-0.1
RSO	3.11	301	eP	31	22.22	0.5
RS2	3.11	301	eP	31	21.89	0.1
INW	3.13	293	eP	31	21.80	-0.2
AUP	3.13	280	eP	31	22.95	1.0
DFR	3.14	304	eP	31	21.51	-0.5
RDW	3.14	301	eP	31	22.27	0.1
YAH	3.18	62	eP	31	22.88	0.0
TOA	3.20	10	P	31	24.10	1.1
SPU	3.23	315	eP	31	23.06	-0.3
TZL	3.24	17	eP	31	24.52	1.1
BALM	3.27	49	eP	31	23.70	-0.4
CGLM	3.29	317	eP	31	24.54	0.2
CKN	3.30	315	eP	31	24.02	-0.4
CRP	3.32	316	eP	31	24.39	-0.4
			S	32	02.26	
CKL	3.34	314	eP	31	25.02	0.0
CP2	3.35	316	eP	31	25.73	0.5
			S	32	04.44	
BGL	3.40	315	ePn	31	26.08	0.2
PDB	3.58	286	eP	31	28.06	-0.2
SKT	3.65	328	eP	31	29.18	-0.2
SDG	3.68	13	eP	31	30.47	0.6
PAX	4.12	12	eP	31	36.36	0.3
HUR	4.17	346	eP	31	36.35	-0.3
TRF	4.71	344	eP	31	44.68	0.1
KTH	4.91	341	eP	31	45.21	-2.0
HDA	5.46	2	eP	31	53.40	-1.6
WRH	5.53	357	eP	31	55.63	-0.4
CCB	5.70	358	eP	31	57.81	-0.5
FBA	5.96	358	eP	31	59.80	-2.1X
	0.5s	3.75nm			4.4mb X	
IMA	7.69	340	(P)	32	23.89	-2.5X

S.D. = 0.6 on 55 of 58 obs.

DEC 09, 1992 00h 56m 24.32± 0.71s
 28.448 S ± 4.3km 70.854 W ± 10.0km
 DEPTH = 33.0km (normal)
 CENTRAL CHILE (136)

RTCB	3.51	150	iPd	57	19.20	1.2
RTLL	3.54	145	ePc	57	18.60	0.2
ZON	3.62	149	eP	57	20.10	0.6
CFA	3.88	145	ePc	57	23.60	0.4
			S	58	08.80	
RTCV	3.95	150	ePd	57	25.00	0.8
RTPR	4.22	117	ePc	57	26.10	-1.8
			eS	58	10.00	
JACH	4.23	177	iPd	57	29.10	1.0
			iS	58	19.69	
CYA	4.46	91	eP	57	30.00	-1.4
ROCH	4.51	182	eP	57	31.81	-0.5
			iS	58	25.31	
IHA	4.61	188	eP	57	40.70	7.2X
			iS	58	36.70	
PEL	4.68	178	iP	57	34.67	0.1
			eS	58	22.52	
ANT	4.74	5	eP	57	35.50	0.2
MDZ	4.75	159	iP	57	37.60	2.1
			iS	58	12.70	
FCH	4.89	174	eP	57	38.42	0.7
			eS	58	35.62	
FSA	4.91	62	eP	57	39.60	1.9
LCCH	5.05	187	iPd	57	38.57	-1.2
			eS	58	36.87	
PCH	5.16	177	eP	57	41.91	0.5
TACH	5.19	181	iP	57	41.38	-0.4
			eS	58	37.24	
LNV	5.51	185	eP	57	44.45	-1.7
CACH	5.66	178	eP	57	50.17	1.8
MRA	5.94	133	ePd	57	49.80	-2.5
SLA	6.06	54	e(P)	57	55.20	1.0
			e	57	57.10	
TCA	6.15	119	iPd	57	51.20	-4.2X

			(S)	58	51.00	
RFA	6.62	163	iP	58	00.00	-
			(S)	59	11.50	
HJA	7.16	45	ePd	58	09.60	0.1
YJA	7.91	39	ePc	58	20.00	-0.1
CNCB	11.88	13	eP	59	14.00	-1.0
ARE	11.94	357	eP	59	45.00	29.4X
LPB	12.13	13	eP	59	26.00	7.8X
ZOBO	12.36	12	eP	59	21.00	-0.5
SIV	15.34	38	P	00	00.60	0.5

S.D. = 1.3 on 27 of 31 obs.

DEC 09, 1992 01h 32m 39.04± 0.83s
 57.514 N ± 7.3km 149.014 W ± 2.3km
 DEPTH = 10.0km (geophysicist)
 2.8mb (1 obs.)
 GULF OF ALASKA (15)
 ML 3.3 (AEIC).

KDC	1.89	279	(P)	33	11.02	-0.5
CNPM	2.33	331	iP	33	18.56	0.5
			eS	33	46.39	
BRLK	2.46	337	eP	33	20.28	0.4
			S	33	48.57	
MTU	2.58	15	P	33	21.70	0.1
SEW	2.61	355	iP	33	22.07	0.2
			eS	33	53.40	
KNIM	2.92	13	iP	33	26.37	0.0
			eS	33	59.74	
AUE	2.95	311	eP	33	26.59	-0.1
MPA	2.99	357	eP	33	27.36	0.1
			S	34	01.35	
AUW	2.99	310	eP	33	28.44	1.1
SLKM	3.07	349	eP	33	28.56	0.1
			eS	34	03.86	
OPT	3.08	316	eP	33	29.56	1.0
HIN	3.17	23	iP	33	29.87	-0.1
ILIM	3.29	323	eP	33	32.08	0.4
INE	3.31	322	eP	33	32.23	0.1
			S	34	09.96	
INW	3.34	322	eP	33	32.44	0.0
PTE	3.36	360	iP	33	32.82	0.2
KAIM	3.41	43	eP	33	33.05	-0.2
NKA	3.44	341	eP	33	35.49	1.8
CVA	3.48	28	iP	33	34.12	-0.1
FID	3.50	21	eP	33	34.02	-0.5
GLI	3.52	15	eP	33	34.71	-0.1
RS1	3.53	328	eP	33	35.12	-0.1
RSO	3.53	328	eP	33	34.86	-0.4
RS2	3.54	328	eP	33	35.00	-0.3
PDB	3.54	312	eP	33	35.33	0.2
			eS	34	14.55	
REF	3.54	329	eP	33	35.02	-0.3
RDW	3.57	328	eP	33	35.27	-0.4
DFR	3.62	330	eP	33	35.49	-0.9
RAGM	3.65	36	eP	33	37.03	0.2
NCT	3.67	328	eP	33	36.03	-1.0
HMT	3.75	39	eP	33	38.19	-0.1
PMS	3.75	356	P	33	38.50	0.2
VLZ	3.88	20	eP	33	40.14	0.2
KNK						

09d 01h

TRF 5.99 355 eP 34 10.37 0.4
 IMA 8.86 348 eP 34 48.34 -1.8
 YKA 17.76 59 eP 36 48.70 1.2
 0.8s 0.60nm 2.8mb
 S.D. = 0.6 on 62 of 62 obs.

? DEC 09, 1992 01h 37m 41.14 ± 4.50s
 17.242 S ± 14.0km 34.787 E ± 45.7km
 DEPTH = 33.0km (normal)

MOZAMBIQUE (581)
 mblg 3.9 (BUL).

SONG 2.52 310 ePg 38 21.00 0.2

BUL 6.52 243 iPn 39 18.10 0.6

iSn 40 28.80

iSg 41 02.00

SLR 10.39 214 eP 40 11.70 0.5

S 41 54.30

PRY 11.78 214 eP 40 49.00 19.0X

1.0s 30.00nm

S 42 30.50

SEK 12.85 210 eP 40 44.00 -0.4

(S) 43 05.00

WIN 17.45 249 eP 41 43.00 -0.9

1.5s 69.44nm 4.6mb

S 45 21.50

S.D. = 0.9 on 5 of 6 obs.

& DEC 09, 1992 02h 09m 19.40s

61.308 N 147.332 W

DEPTH = 8.1km

SOUTHERN ALASKA (2)

<AEIC>. ML 3.9 (AEIC), 4.0

(PMR). Felt (II) at Anchorage

and Palmer.

GLI 0.45 165 iPc 09 28.67 0.3

VLZ 0.52 110 iPc 09 29.49 -0.3

eS 09 36.81

SCM 0.53 0 iPd 09 30.01 0.0

KNK 0.55 281 iPc 09 30.50 0.0

SML 0.69 317 iPc 09 32.52 -0.8

eS 09 42.40

FID 0.70 143 iPc 09 32.26 -1.1

KLU 0.70 74 iPd 09 32.40 -1.1

GHO 0.89 302 P 09 35.70 -1.1

PLRM 0.91 289 iPc 09 35.80 -1.2

eS 09 48.22

PMR 0.91 289 iPc 09 35.54 -1.4

PTE 0.93 242 iPd 09 36.26 -1.1

eS 09 48.56

TOA 0.97 34 P 09 37.20 -0.9

KNIM 0.98 192 iPd 09 36.45 -1.8

HIN 1.00 156 iPc 09 37.79 -0.8

eS 09 51.84

PMS 1.08 268 P 09 38.70 -1.2

CVA 1.09 134 iPc 09 38.93 -1.0

eS 09 54.89

TZL 1.17 50 iPd 09 40.44 -1.0

PWA 1.27 287 P 09 41.50 -1.6

MPA 1.29 231 iPd 09 41.86 -1.6

eS 09 59.62

LTi 1.30 192 ePc 09 42.61 -1.0

SGAM 1.32 127 eP 09 42.55 -1.4

MTU 1.33 187 P 09 43.20 -1.0

SDG 1.49 34 iPd 09 44.99 -1.5

SEW 1.60 222 iPd 09 46.17 -1.7

eS 10 07.37

RAGM 1.60 124 iPc 09 46.49 -1.5

SLKM 1.62 242 iPd 09 47.23 -1.2

SUA 1.65 277 ePc 09 47.53 -1.3

GLB 1.70 84 ePc 09 47.67 -1.9

eS 10 09.86

CUT 1.78 310 P 09 49.20 -1.3

HMT 1.79 122 iPc 09 48.84 -2.0

PAX 1.88 27 iPd 09 50.78 -1.5

MID 1.95 165 P 09 52.50 -0.6

NKA 1.98 255 eP 09 53.99 0.4

HUR 1.99 328 ePc 09 52.74 -1.0

KAIM 2.00 133 iPc 09 51.42 -2.4

CROM 2.11 103 iPc 09 54.03 -1.6

eS 10 22.01

SKT 2.11 290 iPc 09 54.13 -1.4

eS 10 21.71

RND 2.22 342 iPc 09 56.24 -0.9

THY 2.24 18 ePd 09 57.38 0.0

CGLM 2.26 272 ePc 09 56.31 -1.3

SPU 2.29 269 iPd 09 56.30 -1.7

NCG 2.33 274 ePd 09 57.00 -1.7

CRP 2.33 271 ePn 09 56.85 -1.9

BRLK 2.34 230 eP 09 57.02 -1.8

CKN 2.34 270 ePd 09 57.54 -1.3

CKT 2.36 270 iPc 09 57.35 -1.7

CP2 2.37 271 ePn 09 57.46 -1.9

CKL 2.42 270 ePc 09 58.21 -1.8

BALM 2.43 94 iPc 09 58.33 -1.8

eS 10 28.32

BGL 2.44 271 ePn 09 58.23 -2.1

SNH 2.48 115 eP 09 58.44 -2.3

MCK 2.54 344 iPc 10 01.05 -0.6

TRF 2.55 329 iPc 10 00.75 -1.2

CNPM 2.64 229 iPd 10 00.83 -2.1

CYK 2.68 115 eP 10 02.66 -0.9

DFR 2.71 257 ePd 10 01.65 -2.4

REF 2.75 255 ePd 10 02.50 -2.3

RDN 2.77 256 eP 10 03.65 -1.3

RSO 2.78 255 ePd 10 02.97 -2.3

RS2 2.78 255 ePd 10 03.02 -2.2

RS1 2.79 255 ePd 10 03.06 -2.2

DOT 2.80 31 eP 10 04.86 -0.4

RDW 2.80 255 ePd 10 03.27 -2.2

KTH 2.80 325 iPc 10 04.23 -1.2

NCT 2.83 257 eP 10 03.43 -2.4

XLV 2.86 231 eP 10 03.83 -2.4

YAH 2.90 107 iPc 10 04.52 -2.3

CTGM 2.93 94 ePc 10 05.45 -1.8

ILIM 3.03 248 ePd 10 06.14 -2.4

INE 3.08 249 ePd 10 06.43 -3.0

INW 3.11 249 ePd 10 07.41 -2.3

eS 10 05.10

HDA 3.11 3 eP 10 08.18 -1.5

WRH 3.19 354 iPc 10 09.09 -1.7

OPT 3.36 243 ePd 10 10.85 -2.4

CCB 3.36 357 iPd 10 11.30 -1.9

NEA 3.38 347 iPc 10 11.14 -2.3

AUE 3.58 240 eP 10 14.25 -2.1

AUL 3.60 240 eP 10 14.79 -1.7

AUP 3.60 240 eP 10 14.22 -2.5

AUH 3.61 240 eP 10 14.70 -2.1

FBA 3.61 357 ePnc 10 14.18 -2.6

AUW 3.62 240 ePc 10 14.74 -2.1

AUI 3.62 240 ePd 10 14.81 -2.1

MDM 3.69 354 ePc 10 15.59 -2.3

GLM 3.69 360 eP 10 15.55 -2.5

SYI 3.71 225 eP 10 16.15 -2.1

PDB 3.72 249 ePd 10 15.77 -2.5

SVW 4.02 271 ePn 10 18.71 -3.8

MLY 4.04 339 ePc 10 20.73 -2.2

MCNL 4.09 242 eP 10 20.38 -3.1

PRP 4.30 10 eP 10 23.02 -3.7

TTA 4.39 296 ePnc 10 23.94 -3.9

KDC 4.43 219 ePn 10 24.60 -3.8

FYU 5.36 9 eP 10 36.70 -4.8

IMA 5.55 332 ePnd 10 40.98 -3.4

0.6s 34.93nm 5.2mb X

95 obs. associated

DEC 09, 1992 02h 23m 07.46 ± 0.73s

0.250 S ± 5.7km 124.636 E ± 6.7km

DEPTH = 74.9 ± 8.5 km

4.7mb (10 obs.)

SOUTHERN MOLUCCA SEA (269)

MNI 1.69 7 ePd 23 34.80 -0.8

eS 23 51.50

TNE 2.89 69 ePd 23 52.00 -0.1

eS 24 26.60

PCI 4.84 262 ePc 24 20.00 0.5

eS 24 33.00

e 27 21.50

AAI 4.93 134 iPc 24 20.10 -0.6

iS 25 14.00

MKS 7.14 226 iPd 24 51.50 0.1

TSM 8.13 304 eP 25 00.00 -5.0X

CGP 8.65 0 eP 25 15.00 2.9X

KKM 10.48 307 eP 25 38.00 0.8

MTN 14.07 153 eP 26 24.00 -0.7

0.5s 44.00nm 5.0mb

CVP 18.05 351 eP 27 17.00 2.1

PIP 18.88 348 eP 27 25.00 0.3

WB2 21.76 155 iPd 27 53.50 -1.1

0.5s 9.60nm 4.5mb

PPI 24.24 269 eP 28 20.00 1.3

QIS 24.93 145 iPd 28 26.20 0.9

0.4s 13.00nm 4.7mb

ASPA 24.95 160 iPd 28 26.60 1.1

0.8s 9.80nm 4.3mb

e 29 28.10

eS 32 51.70

CHG 31.55 308 ePd 29 24.60 -0.5

1.0s 18.50nm 4.8mb

RMQ 34.93 140 iPd 29 44.60 -9.6X

0.5s 26.00nm 5.4mb

STKA 35.31 155 eP 29 58.40 1.1

e 30 15.60

e 30 26.00

e 31 42.30

MAT 38.71 18 (P) 30 15.00 -10.9X

TIY 39.42 345 eP 30 30.50 -1.3

LZH 41.00 334 eP 30 45.00 0.1

1.6s 28.00nm 4.8mb

LSA 43.65 316 P 31 07.00 -0.1

MDJ 44.89 5 eP 31 16.00 -0.2

GTA 45.54 333 eP 31 22.00 0.4

1.0s 9.00nm 4.6mb

HYB 48.63 294 eP 31 44.00 -2.1

GBA 48.73 288 P 31 45.00 -1.8

IMA 86.85 24 eP 35 46.03 1.2

0.6s 2.48nm 4.5mb

KAF 94.13 332 eP 36 17.20 -1.5

YKA 103.96 24 ePd diff 37 04.00 1.0

0.6s 0.30nm 4.4mb

RFA 143.07 162 e(PKP) 42 37.00 2.0X

MRA 146.08 164 ePKPc 42 33.10 -7.0X

TCA 147.39 165 iPKP 42 38.00 -4.3X

FSA 151.88 159 e(PKP) 42 38.40 -10.8X

S.D. = 1.1 on 25 of 33 obs.

DEC 09, 1992 02h 37m 26.59 ± 0.31s

20.807 N ± 5.7km 130.893 E ± 5.4km

DEPTH = 35.9km (20 depth phases)

5.0mb (48 obs.) 4.7msz (1 obs.)

RYUKYU ISLANDS (238)

KAGJ 2.37 360 P 38 03.30 -0.6

S 38 30.60

SSE 8.72 288 P 39 32.00 -1.3

Z 20s 3.70um

N 12s 0.80um

E 10s 2.00um

MAT 9.87 37 eP 39 47.00 -2.2

NJ2 10.88 290 iPc 40 05.00 2.0

TIA 13.76 306 eP

QIZ	21.53	248	P	42	15.80	1.0	0.7s	4.94nm	4.7mb	AVF	91.10	327	eP	50	28.30	-0.5				
N	14s	0.56um					61.20	170	eP	47	39.20	-0.9	1.5s	23.50nm		5.3mb				
E	13s	0.65um					68.47	323	eP	48	27.00	0.0	SRU	91.46	43	eP	50	31.32	0.4	
GYA	21.59	270	iPc	42	14.40	-1.0			e	48	56.00	116kmX				50	38.35	22kmX		
1.2s	54.00nm				4.8mb		PYA	69.15	310	eP	48	13.00	-18.4X	RSSD	91.76	36	eP	50	33.18	1.0
Z	14s	2.13um			4.7MszX		OBN	69.24	322	iP	48	32.00	0.3		0.8s	7.23nm			5.1mb	
N	12s	0.93um						1.5s	35.00nm								50	43.90	33km	
E	12s	0.99um					KAF	71.39	331	iP	48	44.00	41km	PV09	92.69	43	eP	50	37.94	1.3
		pP	42	29.40	66kmX				e	48	43.90	-0.8						50	49.32	36km
		S	46	11.00			RES	0.8s	13.80nm					PV10	92.82	43	ePc	50	38.76	1.5
CD2	23.61	282	Pc	42	33.80	-1.4			ePc	48	52.50	1.0	KIC	124.81	302	PKP	56	25.00	0.0	
1.2s	58.00nm				5.0mb			1.0s	10.00nm				TIC	124.83	303	PKP	56	25.10	0.1	
Z	12s	1.84um			4.8MszX		NUR	72.84	330	iP	48	52.30	-0.9	LIC	125.11	302	PKP	56	25.40	-0.2
E	12s	2.05um						0.6s	4.00nm					ZOBO	158.50	59	PKP	57	24.00	1.3
		pP	42	47.00	54kmX		YKA	75.19	26	eP	49	05.50	-1.4	LPB	158.68	59	ePKP	57	23.00	0.4
		sP	42	52.00				1.0s	6.20nm					CNCB	158.93	60	ePKP	57	31.00	7.9X
LZH	23.90	295	eP	42	37.50	-0.7	UPP	76.18	331	iP	49	10.70	-1.8	SIV	163.13	43	ePKP	57	33.00	6.3X
1.5s	94.00nm				5.1mb		NAO	78.32	334	P	49	23.20	-1.2							
Z	16s	0.83um			4.3MszX			0.8s	15.50nm											
E	12s	0.65um					VRI	78.88	316	ePc	49	29.00	1.3							
		pP	42	49.40	47kmX		UZH	80.03	320	eP	49	33.80	0.0							
		sP	42	54.50				1.0s	35.00nm											
		eS	46	50.00			OJC	80.53	323	iP	49	37.60	1.1							
KMI	25.33	268	Pc	42	51.50	-0.6		1.1s	92.00nm											
1.6s	40.00nm				4.8mb		SPC	80.87	322	eP	49	39.60	1.1							
Z	14s	1.20um			4.6MszX		PSZ	81.77	321	eP	49	43.10	0.0	ROCH	1.30	145	iP+	13	17.52	0.1
N	13s	0.60um					KSP	82.00	324	iPd	49	44.70	0.5							
E	13s	0.80um					NEW	82.12	39	eP	49	45.50	0.6	JACH	1.35	126	eP	13	17.40	-0.6
		pP	43	03.00	45km			1.0s	8.50nm											
CIT	26.51	336	eP	42	59.00	-3.5X	ZST	83.14	322	eP	49	51.00	0.9	LCCH	1.60	170	iP+	13	21.59	0.1
GTA	27.70	301	eP	43	12.50	-1.1			e	50	02.40	37km	PEL	1.61	141	iPd	13	21.92	0.3	
Z	14s	1.45um			4.7MszX		BRG	83.17	325	iP	49	51.20	1.0							
E	10s	0.44um						1.2s	32.00nm					TACH	1.93	156	iPd	13	26.63	0.4
		pP	43	24.00	44km				i	50	02.00	34km								
CHG	30.79	258	iPc	43	41.70	0.4	CLL	83.37	326	iPd	49	51.90	0.7	FCH	1.96	137	iP+	13	27.03	-0.1
1.0s	12.50nm				4.7mb			1.4s	105.00nm											
YAK	33.22	359	eP	44	00.00	-2.0			iPd	50	03.20	37km	PCH	2.07	146	eP	13	28.57	0.1	
1.0s	50.00nm				5.4mb		PRU	83.41	324	Pd	49	52.50	1.0	LNV	2.09	169	eP	13	28.02	-0.5
LSA	34.57	281	Pd	44	14.40	-0.2		1.3s	30.10nm					MDZ	2.75	112	iP	13	44.40	6.4X
0.8s	7.00nm				4.6mb				e	50	03.00	33km								
WMQ	37.45	305	P	44	41.00	2.6	VAY	83.83	314	iP	49	54.40	0.6	CFA	3.13	86	ePc	13	43.50	0.2
Z	16s	0.67um			4.5MszX		SES	84.03	35	ePd	49	54.00	-0.7	RTPR	4.88	72	e(P)d	14	08.10	-0.1
N	10s	0.41um							pP	50	05.00	35km	TCA	6.25	87	e(P)	14	24.00	-3.6X	
ELT	40.67	320	eP	45	06.80	2.0	SKO	84.18	315	iP	49	57.00	1.5							
Z	16s	9.00um			5.7MszX			1.0s	49.00nm											
		e	47	06.00			KHC	84.44	324	P	49	57.30	0.6							
TIK	42.89	359	eP	45	22.00	-0.8		1.0s	12.90nm											
1.6s	47.00nm				5.0mb		MOX	84.47	326	eP	49	57.50	0.7							
Z	14s	0.40um			4.5MszX			1.6s	43.00nm											
		i	45	30.00	27km		GEC2	84.55	324	Pc	49	58.20	0.8	PEC	0.51	205	iPc	39	44.04	-0.6
		e	47	12.00				0.8s	7.12nm					SSK	0.67	258	iPc	39	47.12	-0.8
		ePPP	47	40.00			FCC	85.09	22	eP	50	04.50	4.8X	GSC	0.95	5	iPc	39	52.24	-1.0
		eS	51	46.00					pP	50	15.50	35km								
KNA	44.34	183	eP	45	35.80	0.7	GRF	85.27	326	ePd	50	02.00	1.1	PLM	1.00	178	iPd	39	52.99	-1.1
NR1	47.45	341	eP	46	09.00	9.7X		1.4s	58.00nm											
1.6s	21.00nm				4.9mb		Z	16s	0.40um					ISA	1.84	316	ePn	40	05.34	-1.8
		e	46	18.00	30km				e	50	13.10	36km								
WB2	48.58	176	eP	46	07.10	-1.5			e	50	27.10									
0.8s	12.00nm				5.0mb		WIT	85.33	330	eP	50	03.00	2.0	GLA	2.16	126	ePn	40	09.79	-2.1
HYB	49.12	269	eP	46	12.70	-0.2	WTS	85.83	329	eP	50	04.50	1.0	TNP	3.73	356	(Pn)	40	32.57	-1.8
BRVK	50.05	317	iPc	46	17.00	-2.6		0.8s	9.00nm					BONR	3.77	343	(Pn)	40	35.89	0.9
1.0s	34.00nm				5.3mb		KBA	85.84	323	iPd	50	03.50	-0.5	ARUT	4.43	38	(Pn)	40	42.57	-1.6
Z	16s	0.82um			4.8MszX			0.7s	8.00nm					MSU	5.64	41	(Pn)	40	59.83	-1.5
N	16s	0.25um					LRM	86.14	39	eP	50	07.20	1.6							
E	16s	0.54um					ENN	87.08	329	eP	50	10.00	0.3							
GBA	51.67	265	P	46	34.00	1.6		1.2s	23.00nm											
ASPA	52.25	177	iPc	46	36.60	0.0	WLF	87.74	328	P	50	14.00	1.1							
1.0s	10.30nm				4.8mb		CDF	88.07	326	eP	50	14.40	-0.3							
POO	52.81	272	eP	46	37.00	-4.0X		1.1s	17.85nm											
QUE	55.00	288	eP	46	54.70	-2.4	BSF	88.70	326	eP	50	16.80	-0.9							
SVE	55.71	321	ePd	47	01.80	0.2		1.2s	15.45nm											
Z	16s	1.50um			5.2MszX		HAU	88.80	326	eP	50	17.50	-0.6	CYA	2.39	96	eP	24	45.00	1.5
N	16s	0.50um						0.8s	4.15nm					RTPR	2.70	141	ePd	24	48.50	0.6
E	16s	1.00um						19s	0.28um											
ARU	56.85	321	eP	47	08.00	-1.8	W06	89.67	40	eP	50	21.98	-0.6	FSA	3.07	47	eP	24	58.00	4.9X
Z	16s	1.00um			5.0MszX		LPL	90.32	324	eP	50	26.40	0.8							
E	16s	0.50um						1.4s	23.10nm											
IMA	58.15	28	eP	47	18.79	-0.2	LPG	90.32	324	eP	50	26.40	0.7	RTCB	3.27	185	ePd	24	57.40	1.4
		e	47	30.20	39km			1.0s	4.00nm					ZON	3.32	183	eP	24	57.10	0.3
CP2	58.93	33	eP	47	23.70	-0.9			e	50	26.90	0.1	CFA	3.38	176	ePc	24	57.10	-0.6	
		e	47	34.70	37km		LBF	90.66	327	eP	50	26.90	0.1	RTCV	3.63	181	ePc	25	01.30	0.1
MAIO	59.42	297	eP	47	28.00	-0.1		1.2s	12.20nm					TCA	4.60	133	iPc	25	13.30	-1.7
PMR	60.39	33	(P)	47	32.58	-1.7	SMF	90.97	327	eP	50	27.70	-0.5	MDZ	4.66	184	eP	25	24.30	8.5X
1.0s	17.54nm				5.1mb			1.2s	11.60nm											
FBA	60.65	29	eP	47	43.37	36km	ULM	91.05	28	eP	50	32.00	3.5X	ANT	4.82	339	eP	25	17.50	-0.4
		e	47	36.20	0.1															

09d 04h

MRA 4.82 151 ePc 25 16.70 -1.3
S.D. = 1.2 an 9 of 11 obs.

% DEC 09, 1992 04h 25m 55.88 ± 0.79s
37.359 N ± 7.5km 3.310 W ± 6.9km
DEPTH = 10.0km (geophysicist)

SPAIN (377)
mbLg 2.7 (MDD).

ECOG	0.22	248	iPgc	26	00.18	-0.5
			eSg	26	04.60	
EGUA	0.56	201	ePg	26	08.44	1.1
			eSg	26	15.40	
ELUO	0.79	285	ePg	26	11.08	-0.2
			eSg	26	20.80	
EBAN	0.89	335	ePg	26	12.29	-0.6
			eSg	26	23.00	
ENIJ	0.96	113	ePg	26	13.04	-1.2
EVIA	1.43	26	ePg	26	23.29	1.4
			eSg	26	42.00	
EHOR	1.61	287	ePn	26	24.33	0.0
			eSn	26	44.80	

S.D. = 1.1 an 7 of 7 obs.

& DEC 09, 1992 04h 28m 52.78s
59.949 N 153.404 W
DEPTH = 159.0km
SOUTHERN ALASKA (2)
<AEIC>.

INW	0.18	49	eP	29	13.66	0.7
			eS	29	30.04	
INE	0.21	57	eP	29	13.90	0.9
			eS	29	30.57	
ILIM	0.26	59	eP	29	13.95	0.9
			eS	29	30.45	
PDB	0.43	248	iP	29	14.14	0.6
			eS	29	30.46	
RS1	0.61	32	eP	29	15.31	-0.9
RS2	0.61	32	eP	29	15.33	-0.9
			S	29	32.45	
RSO	0.61	32	eP	29	15.36	-0.9
			eS	29	32.48	
RDW	0.61	29	iP	29	15.28	-0.9
			eS	29	32.23	
REF	0.65	33	iP	29	15.50	-0.9
			eS	29	33.38	
NCT	0.66	21	eP	29	15.44	-0.9
			eS	29	32.52	
DFR	0.74	29	iP	29	15.76	-1.1
			eS	29	34.48	
RDT	0.80	38	eP	29	16.25	-1.0
CNPM	1.18	110	eP	29	19.96	-0.3
			eS	29	39.74	
BRLK	1.28	97	eP	29	21.02	-0.2
			eS	29	41.60	
NKA	1.34	53	eP	29	22.26	0.6
CKL	1.36	22	iP	29	21.08	-1.0
			eS	29	43.17	
CKT	1.39	25	iP	29	21.14	-1.2
SPU	1.41	20	iP	29	21.18	-1.3
BGL	1.41	20	eP	29	21.78	-0.8
CKN	1.41	25	iP	29	21.65	-0.9
CP2	1.44	23	iP	29	22.13	-0.8
CRP	1.46	24	P	29	22.10	-1.0
CGLM	1.53	26	iP	29	22.47	-1.3
NCG	1.58	22	eP	29	23.27	-1.1
SLKM	1.68	69	eP	29	24.20	-1.1
SEW	1.99	84	eP	29	27.79	-0.9
SUA	2.01	40	eP	29	27.46	-1.6
			eS	29	54.83	
MPA	2.09	73	eP	29	28.73	-1.1
SKT	2.23	23	eP	29	29.98	-1.6
			S	29	59.11	
			eS	29	59.24	
PMS	2.30	54	P	29	30.70	-1.7
			S	30	00.00	
PTE	2.36	65	eP	29	31.32	-1.7
PWA	2.43	44	P	29	32.00	-1.9
PLRM	2.67	50	eP	29	34.05	-2.7
LTJ	2.79	86	iP	29	37.73	-0.6
KNK	2.84	57	eP	29	36.58	-2.5
GHO	2.85	48	P	29	36.50	-2.8
			S	30	10.70	
KNIM	2.86	80	eP	29	37.42	-1.9
			eS	30	11.35	
MTU	2.89	87	P	29	39.00	-0.7

SML	3.10	51	eP	29	39.62	-2.7
GLI	3.27	71	eP	29	42.62	-1.8
HIN	3.48	80	eP	29	45.59	-1.6
SCM	3.52	55	eP	29	45.39	-2.3
FID	3.53	74	eP	29	45.84	-2.0
VLZ	3.69	68	eP	29	48.29	-1.5
TRF	3.81	22	eP	29	49.99	-1.7
CVA	3.86	78	eP	29	50.45	-1.6
KLU	3.99	64	eP	29	51.59	-2.2
RND	4.09	30	eP	29	53.76	-1.4
TOA	4.13	55	P	29	54.20	-1.5
RAGM	4.38	80	eP	29	57.48	-1.5
TZL	4.42	58	eP	29	58.10	-1.3
HMT	4.59	81	eP	30	00.95	-0.7
GLB	4.95	68	eP	30	05.30	-1.1
CROM	5.16	77	eP	30	08.75	-0.7
CCB	5.39	27	eP	30	09.27	-2.9
BALM	5.58	74	eP	30	13.86	-1.0
YAH	5.84	81	eP	30	17.95	-0.5
CTGM	6.06	75	eP	30	20.89	-0.4

58 obs. associated

& DEC 09, 1992 04h 56m 47.10s
59.916 N 153.100 W
DEPTH = 117.7km
3.2mb (1 obs.)
SOUTHERN ALASKA (2)
<AEIC>.

INE	0.15	7	iP	57	03.06	0.9
			eS	57	15.79	
INW	0.15	354	eP	57	03.03	0.9
			eS	57	16.03	
ILIM	0.18	23	iP	57	02.95	0.9
			eS	57	16.01	
PDB	0.57	257	eP	57	05.06	-0.4
			eS	57	19.10	
RS1	0.57	17	iP	57	04.93	-0.8
			iS	57	18.66	
RS2	0.57	17	iP	57	04.96	-0.8
RSO	0.57	17	iP	57	05.00	-0.8
			eS	57	18.73	
RDW	0.59	14	iP	57	05.09	-0.8
			eS	57	18.84	
REF	0.61	19	iP	57	05.21	-0.8
			iS	57	19.15	
			iS	57	19.19	
RDN	0.62	16	eP	57	05.41	-0.6
			S	57	19.00	
NCT	0.65	7	iP	57	05.50	-0.8
			eS	57	19.62	
DFR	0.71	17	iP	57	05.68	-1.0
			S	57	20.39	
			eS	57	26.77	
CNPM	1.02	112	iP	57	08.62	-0.9
			S	57	25.32	
BRLK	1.13	97	eP	57	09.53	-1.1
NKA	1.24	47	eP	57	12.35	0.6
CKL	1.34	16	iP	57	12.00	-1.0
CKT	1.36	19	iP	57	12.08	-1.2
			eS	57	32.08	
SPU	1.37	22	iP	57	12.06	-1.3
			iS	57	31.48	
CKN	1.39	19	eP	57	12.54	-1.0
			eS	57	32.64	
BGL	1.40	14	iP	57	12.84	-0.8
CP2	1.42	17	iP	57	13.16	-0.9
CRP	1.43	19	P	57	13.10	-1.1
CGLM	1.50	21	iP	57	13.69	-1.1
SLKM	1.56	66	eP	57	13.99	-1.5
NCG	1.56	17	eP	57	14.50	-1.1
SVW	1.73	315	P	57	16.30	-1.3
SEW	1.84	83	eP	57	17.26	-1.6
			S	57	40.15	
SUA	1.94	36	eP	57	18.77	-1.5
			eS	57	42.96	
KDC	2.20	171	P	57	21.50	-1.9
PMS	2.20	51	P	57	21.60	-1.9
			S	57	47.70	
SKT	2.21	20	iP	57	21.81	-1.8
PTE	2.24	63	eP	57	21.99	-1.9
PWA	2.35	41	P	57	23.30	-2.1
PLRM	2.57	47	eP	57	25.37	-2.9
LTJ	2.64	85	eP	57	27.35	-1.9
KNIM	2.72	78	eP	57	27.96	-2.3
KNK	2.74	55	eP	57	27.47	-3.0

GHO	2.77	46	P	57	27.80	-3.2
			S	58	00.30	
SML	3.01	49	iP	57	31.03	-3.1
GLI	3.13	69	eP	57	33.38	-2.4
TTA	3.33	336	P	57	36.50	-2.0
FID	3.40	73	eP	57	36.67	-2.7
SCM	3.42	53	eP	57	36.56	-3.1
HUR	3.49	27	eP	57	38.85	-1.8
VLZ	3.56	67	eP	57	39.14	-2.3
TRF	3.79	19	eP	57	42.43	-2.4
KLU	3.87	63	eP	57	42.44	-3.3
TOA	4.02	54	P	57	45.40	-2.5
RND	4.05	28	eP	57	45.50	-2.7
PAX	4.77	47	eP	57	55.04	-3.1
GLB	4.82	67	eP	57	56.27	-2.4
NEA	5.04	20	eP	57	58.40	-3.2
WRH	5.14	25	iP	57	59.69	-3.3
MLY	5.25	11	eP	58	01.38	-3.2
HDA	5.35	30	eP	58	02.30	-3.5
CCB	5.35	25	iP	58	02.38	-3.5
BALM	5.44	73	eP	58	04.83	-2.3
YAH	5.69	81	eP	58	08.72	-2.1
GLM	5.74	25	eP	58	07.62	-3.6
YKA	18.53	65	eP	00	52.80	-4.0

0.4s 0.60nm 3.2mb

60 obs. associated

DEC 09, 1992 05h 12m 43.80 ± 0.26s
39.821 N ± 3.9km 143.510 E ± 4.1km
DEPTH = 30.4km (14 depth phases)
5.2mb (68 obs.) 5.1msz (10 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 37C
Centroid Location:
Origin Time 05:12:45.0 0.6
Lat 39.64N 0.08 Lon 143.90E 0.07
Dep 18.4 3.1 Half-duration 1.3
Moment Tensor: Scale 10**16 Nm
Mrr= 7.11 0.51 Mtt= 0.33 0.68
Mff=-7.44 0.53 Mrt= 5.61 1.67
Mrf= 8.89 2.29 Mtf=-2.86 0.53
Principal Axes:
T Val= 12.64 Plg=62 Azm=313
N 0.90 8 207
P -13.53 27 113
Best Double Couple: Mo=1.3*10**17
NP1: Strike=183 Dip=20 Slip= 65
NP2: 30 72 99

OFUJ	1.61	243	P	13	11.00
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			1.0s		74.00nm			5.8mb
	Z	10s			15.30um			4.4MsZx
	N	10s			2.46um			
	E	13s			13.80um			
SHNJ		11.43	244	eP		15	27.50	-0.4
KUMJ		12.55	239	eP		15	44.60	1.5
KAGJ		13.40	234	eP		15	56.50	2.2
CN2		14.04	292	eP		16	01.50	-1.2
		1.0s			32.00nm			5.0mb
	Z	12s			7.56um			5.2MsZx
	N	12s			7.95um			
	E	12s			3.15um			
					epP	16	06.00	
					eS	18	38.00	
SNY		15.22	284	Pc		16	17.60	-0.5
	Z	16s			7.93um			5.7MsZx
	N	14s			3.60um			
	E	13s			4.56um			
PET		16.78	33	eP		16	42.00	4.1X
	Z	15s			7.50um			
	N	14s			8.00um			
	E	16s			2.30um			
DL2		16.95	274	Pc		16	39.00	-1.1
	Z	18s			3.03um			
	N	13s			4.58um			
	E	14s			2.69um			
					eS	19	52.00	
SSE		20.12	251	Pc		17	16.00	-1.9
		1.0s			34.00nm			4.6mb
	Z	14s			6.60um			5.1MsZx
	N	13s			5.60um			
	E	12s			2.60um			
					PP	17	38.00	
					S	21	02.00	
BJI		20.94	279	eP		17	22.50	-3.8X
		2.0s			330.00nm			5.4mb
	Z	14s			4.88um			5.0MsZx
	N	13s			3.71um			
					ePP	17	45.00	
					eS	21	20.00	
TIA		21.07	269	Pc		17	24.90	-2.9
		1.1s			130.00nm			5.3mb
	Z	16s			14.50um			5.5MsZx
	N	13s			6.35um			
	E	13s			8.54um			
					sP	17	36.50	
					S	21	12.00	
NJ2		21.37	256	Pd		17	29.00	-1.8
		0.6s			25.00nm			4.8mb
	N	13s			5.50um			
	E	13s			3.36um			
					sP	17	41.00	
YAK		23.76	344	eP		17	53.10	-1.0
		0.9s			281.00nm			5.8mb
					i	18	33.00	208kmX
					eS	22	07.00	
					iPS	22	18.00	
CIT		23.93	311	eP		17	55.80	0.0
TIY		24.26	275	eP		17	58.50	-0.8
	Z	15s			6.26um			5.2MsZx
	N	15s			4.37um			
					pP	18	04.00	20kmX
					sP	18	11.50	
					PP	18	31.50	
					S	22	18.50	
HHC		24.31	283	P		17	58.40	-1.3
		1.0s			28.00nm			4.8mb
	Z	16s			7.59um			5.3MsZx
	N	13s			1.96um			
	E	16s			5.18um			
					S	22	18.00	
WHN		25.48	258	iPc		18	11.50	0.7
		0.9s			100.00nm</			

XAN	28.13	269	Pc	18	34.10	-1.0
	0.6s		15.00nm			4.9mb
Z	14s		5.00um			5.3MszzX
N	14s		3.13um			
E	14s		4.48um			
			pP	18	41.00	24km
			PP	19	26.00	
CVP	28.96	227	eP	18	46.00	3.4X
IRK	29.55	308	eP+	18	48.00	0.3
	2.2s		87.00nm			5.1mb
Z	14s		5.31um			5.3MszzX
N	14s		1.24um			
E	15s		5.42um			
			e	19	04.00	66kmX
GZH	30.47	246	P	18	55.00	-1.1
			6.50um			5.4MszzX
Z	14s		4.17um			
N	13s		3.72um			
E	12s					
			S	24	00.00	
BAG	30.70	227	eP	19	00.00	1.6
LZH	31.32	276	eP	19	03.50	-0.2
	1.5s		94.00nm			5.4mb
Z	14s		6.10um			5.4MszzX
N	13s		2.76um			
E	13s		4.16um			
			sP	19	13.50	
			PP	20	05.00	
			eS	24	05.00	
TIK	32.74	351	iPc	19	13.00	-2.4
	2.2s		41.00nm			4.9mb
Z	16s		5.00um			5.3MszzX
			e	19	22.00	31km
			e	20	21.00	
			eS	24	28.00	
			e	24	39.00	
			e	29	41.00	
GYA	33.37	258	iPc	19	20.80	-0.8
	1.0s		38.00nm			5.3mb
Z	18s		2.94um			5.0Mszz
N	15s		4.56um			
E	15s		2.58um			
			pP	19	30.00	32km
			PP	20	33.00	
			S	24	39.00	
			sS	24	51.00	
CD2	33.39	267	eP	19	20.80	-0.9
	1.0s		62.00nm			5.5mb
Z	14s		8.97um			5.6MszzX
N	12s		4.95um			
			sP	19	30.00	
GTA	33.41	284	iPc	19	22.50	0.6
	1.2s		68.00nm			5.4mb
Z	16s		8.58um			5.6MszzX
E	15s		4.10um			
			pP	19	31.00	29km
			PP	20	33.00	
			S	24	40.00	
			sS	29	46.00	
QIZ	35.60	244	eP	19	39.50	-1.2
			2.71um			
N	15s		1.75um			
E	15s					
			PP	21	03.00	
			eS	25	18.00	
UER	35.81	306	iPc	19	40.50	-1.5
	2.0s		30.00nm			4.9mb
Z	12s		3.75um			5.4MszzX
			e	21	02.00	425kmX
			eS	25	20.00	
			e	28	04.00	
KMI	37.06	259	Pc	19	53.00	-0.2
	1.8s		80.00nm			5.3mb
Z	14s		3.30um			5.3MszzX
N	14s		6.60um			
E	13s		3.00um			
			sP	20	03.00	
			S	25	40.00	
ELT	40.51	309	iPc	20	22.00	0.7
	2.2s		120.00nm			5.2mb
Z	13s		6.00um			5.6MszzX
N	13s		1.50um			
E	13s		4.80um			
			e	26	30.00	
WMQ	41.12	294	Pc			

NRI	41.30	334	ePc	20	26.00	-1.6
	2.0s		60.00nm			5.0mb
Z	17s		9.00um			5.7Mszz
N	15s		2.00um			
E	16s		5.40um			
			e	20	36.00	34km
			e	20	41.00	
			e	22	07.00	
			e	22	22.00	
			e	22	33.00	
			eS	26	40.00	
			eSSS	30	34.00	
KKM	41.64	223	eP	20	34.00	2.9
IMA	43.46	32	eP	20	45.19	-0.3
	0.7s		9.92nm			4.7mb
CHG	43.60	255	iPc	20	47.50	0.5
	0.9s		15.97nm			4.8mb
LSA	43.64	273	iPc	20	49.00	1.2
	0.9s		9.00nm			4.6mb
PMR	45.42	38	P	21	10.00	8.9X
Z	18s		0.72um			4.6Mszz
FBA	45.87	34	eP	21	05.09	0.4
	0.8s		11.01nm			4.8mb
KLU	46.96	38	eP	21	13.39	0.0
PRZ	48.01	295	eP	21	23.00	1.0
	1.6s		160.00nm			5.8mb
			e	23	19.00	668kmX
			eS	28	36.00	
TLG	48.45	297	eP	21	22.00	-3.3X
	2.7s		53.00nm			5.1mb
Z	16s		1.80um			5.1Mszz
N	15s		1.50um			
E	15s		1.50um			
			eS	28	33.00	
			iSS	31	54.00	
BRVK	50.01	311	iPc	21	37.00	0.0
	1.0s		32.00nm			5.3mb
Z	14s		2.84um			5.4Mszz
N	14s		1.42um			
E	14s		2.18um			
			eS	28	49.00	
KSH	50.83	293	P	21	45.30	1.7
	0.6s		40.00nm			5.6mb
Z	15s		4.70um			5.6Mszz
N	11s		1.49um			
E	12s		4.12um			
			sP	21	54.00	
			PcP	23	04.00	
			PP	23	40.00	
IPM	51.92	239	eP	21	52.10	0.1
HON	52.71	92	P	22	10.00	12.2X
Z	20s		0.24um			4.2Mszz
SVE	54.18	318	eP	22	09.00	0.8
Z	14s		12.00um			6.1Mszz
N	14s		3.00um			
E	14s		8.00um			
			e	24	14.00	702kmX
			eS	29	48.00	
NDI	54.79	280	iPc	22	13.60	0.5
	0.7s		17.12nm			5.2mb
ARU	55.38	318	iPc	22	17.50	0.5
	2.1s		300.00nm			6.0mb
Z	15s		10.00um			6.0Mszz
N	16s		4.00um			
E	14s		7.50um			
			e	22	26.00	28km
			e	23	25.00	
			eS	30	00.00	
RES	59.49	15	eP	22	45.50	-0.3
	1.0s		15.00nm			5.1mb
HYB	59.93	268	eP	22	49.00	-0.6
WB2	60.06	190	iPd	22	47.70	-2.6
	0.6s		19.00nm			5.4mb
YKA	60.58	31	eP	22	52.00	-1.3
	1.0s		3.00nm			4.4mb
KEV	61.42	339	eP	22	59.00	0.0
POO	62.90	272	iPc	23	04.80	-4.8X
SDF	63.08	337	iP	23	09.20	-0.9
GBA	63.08	2				

ASAJ	4.54	349 eP	42	58.60	-0.5				
CHJJ	5.29	228 eP	43	08.10	-1.6				
		S	44	06.70					
MAT	5.45	237 (P)	43	13.00	0.9				
	1.0s	43.00nm			5.0mb				
		(S)	44	37.00					
MTMJ	5.69	239 eP	43	15.80	0.3				
IIDJ	6.32	230 eP	43	25.30	1.0				
MDJ	11.70	300 eP	44	39.60	1.0				
BJI	21.24	280 eP	46	33.00	-3.6X				
	2.0s	62.00nm			4.7mb				
TIA	21.35	269 Pd	46	35.70	-2.1				
WHN	25.72	258 Pd	47	21.00	0.7				
	0.8s	21.00nm			4.8mb				
LZH	31.62	276 eP	48	13.00	-0.6				
	1.2s	23.00nm			4.9mb				
Z	13s	0.59um			4.4MszX				
E	10s	0.46um							
GYA	33.61	258 P	48	30.60	-0.4				
	1.0s	9.60nm			4.7mb				
GTA	33.72	284 eP	48	32.00	0.2				
	1.0s	14.00nm			4.8mb				
		pP	48	39.00	24kmX				
WB2	59.96	190 iPd	51	57.30	0.4				
	0.6s	6.90nm			5.0mb				
YKA	60.56	31 eP	52	01.00	0.5				
	0.7s	0.50nm			3.8mb X				
GBA	63.35	266 P	52	21.00	1.2				
ASPA	63.69	190 iPc	52	23.20	1.3				
	0.9s	3.90nm			4.5mb				
	S.D. = 1.1 on 22 of 23 obs.								
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? DEC 09, 1992	05h	59m	10.86±	6.73 s					
32.351 S ±53.7km		71.144 W ±20.3km							
DEPTH = 33.0km	(normal)								
NEAR COAST OF CENTRAL CHILE					(135)				
MO 3.4 (SAN).									
JACH	0.57	125 iP+	59	22.71	0.1				
		iS	59	33.15					
ROCH	0.63	170 iP	59	24.23	0.7				
		iS	59	35.93					
PEL	0.88	154 iP+	59	27.24	0.3				
		iS	59	40.30					
LCCH	1.18	198 iP	59	31.39	0.3				
		iS	59	49.03					
FCH	1.21	144 iP	59	31.39	-0.5				
		iS	59	48.71					
TACH	1.31	172 iP	59	33.15	0.2				
		iS	59	50.98					
PCH	1.37	157 iP	59	33.54	-0.4				
		iS	59	52.23					
LNV	1.62	188 iP	59	36.57	-0.8				
		iS	59	58.88					
	S.D. = 0.6 on 8 of 8 obs.								
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DEC 09, 1992	06h	27m	43.37±	0.34 s					
56.559 S ± 7.8km		142.556 W ± 7.5km							
DEPTH = 10.0km	(geophysicist)								
5.7mb (15 obs.)	5.5Msz	(2 obs.)							
PACIFIC-ANTARCTIC RIDGE					(691)				
Mo=1.6*10**18 Nm (PPT).									
CENTROID, MOMENT TENSOR					(HRV)				
Data Used: GDSN									
L.P.B.: 35S, 79C									
Centroid Location:									
Origin Time					06:27:54.5 0.2				
Lat 56.09S 0.03 Lon 142.38W					0.04				
Dep 15.0 FIX Half-duration					2.0				
Moment Tensor:					Scale 10**17 Nm				
Mrr= 0.69 0.09 Mtt= 5.71 0.12									
Mff=-6.41 0.11 Mrt= 1.87 0.34									
Mrf=-1.89 0.45 Mtf= 2.39 0.14									
Principal Axes:									

PAE	1.4s	784.20nm	6.2mb	MFF	1.19	207	Pn	28	25.40	0.1	HOOJ	6.87	18	eP	15	01.40	-1.5
	39.19	349 eP	35 13.30				Pg	28	26.40				eS	16	13.40		
	1.5s	341.60nm	5.8mb				Sg	28	41.40		KUSJ	7.94	23	eP	15	14.30	-3.4X
PPT	39.28	349 eP	35 14.50	GRR	1.23	306	Pn	28	26.20	0.2			eS	16	39.40		
	1.4s	393.80nm	5.9mb				Pg	28	26.60		ASAJ	8.41	11	eP	15	22.80	-1.5
Z	30s	*****um	8.8MszX				Sg	28	42.30		YSS	11.27	8	ePc	16	02.40	-1.0
PPN	39.31	350 eP	35 14.60	FLN	1.32	326	Pn	28	27.30	-0.3			0.7s	10.00nm		5.1mb	
	1.6s	803.50nm	6.1mb				Pg	28	28.30		Z	17s	1.00um			4.4MszX	
AFR	39.33	349 eP	35 14.50	LSF	1.55	156	Pn	28	44.90	0.2	MDJ	12.04	320	eP	16	19.90	6.1X
	1.0s	210.40nm	5.8mb				Sg	28	31.00			1.2s	18.00nm			5.0mb	
VAH	41.42	353 eP	35 31.50				Pg	28	33.50		CN2	13.97	309	eP	16	44.00	4.7X
	1.4s	501.90nm	6.1mb				Sg	28	52.70			1.0s	9.80nm			4.5mb	
RUV	41.45	353 eP	35 31.90	TCF	1.75	141	Pn	28	33.70	-0.1	Z	20s	0.61um			4.6MszX	
	1.2s	429.60nm	6.1mb				Pg	28	37.00				eS	16	56.00		
TPT	41.67	353 eP	35 33.60				Sg	28	59.00		TIA	18.86	278	eP	17	39.70	-1.5
	1.5s	402.20nm	5.9mb	BGF	1.88	125	Pg	28	38.30	2.7X	BJI	19.57	290	eP	17	47.00	-2.2
PMO	41.67	352 eP	35 33.60				Sg	29	03.00			1.4s	29.00nm			4.4mb	
	1.3s	268.60nm	5.8mb	MAF	1.96	137	Pg	28	40.90	4.1X	Z	24s	0.64um			4.4MszX	
TOO	50.07	260 eP	36 41.70				Sg	29	05.60		HHC	23.13	291	P	18	25.00	-0.3
	1.0s	29.00nm	5.2mb	SSF	2.05	106	Pn	28	38.00	0.0		1.4s	12.00nm			4.2mb	
DZM	50.63	291 iPc	36 44.10				Pg	28	42.60		XAN	25.85	275	Pc	18	50.00	-1.3
NVL	51.67	169 eP	36 53.00				Sg	29	07.80		YAK	27.03	349	eP	19	01.30	-0.4
	3.0s	155.00nm	5.4mb	AVF	2.05	114	Pn	28	38.20	0.1		1.0s	5.00nm			4.1mb	
		e	37 11.00				Pg	28	42.20		BOD	28.07	330	eP	19	12.80	1.6
		eS	44 05.00				Sg	29	08.90			1.0s	10.00nm			4.4mb	
		ePS	44 48.00	LOR	2.23	99	Pn	28	40.80	0.1	LZH	29.51	281	eP	19	22.50	-2.1
		eSS	48 06.00				Pg	28	44.80			1.2s	25.00nm			4.8mb	
		eSSS	49 12.00	LBF	2.38	105	Pn	28	42.80	0.0	Z	22s	0.62um			4.2Msz	
RFA	53.30	99 ePc	37 03.10				Pg	28	48.80		GYA	30.27	261	iPc	19	30.00	26kmX
BRS	53.72	275 iPc	37 07.50				Sg	29	18.20			1.2s	35.00nm			5.0mb	
		i(S)	44 45.00	SMF	2.42	114	Pn	28	43.00	-0.4	TIK	36.34	354	eP	20	29.00	5.8X
MDZ	54.50	97 i(P)	37 13.00				Pg	28	48.60			e	20	41.00			
STKA	56.44	262 eP	37 27.10				Sg	29	20.20		WMO	40.68	298	P	21	01.50	1.7
RMQ	56.65	272 eP	37 29.50				Sg	29	21.30			1.5s	13.00nm			4.5mb	
CTA	63.12	274 eP	38 12.00	RJF	2.44	165	Pg	28	49.00	5.3X	Z	24s	0.97um			4.6MszX	
		iS	46 45.00				Sg	29	21.30		ELT	41.24	312	eP	21	04.80	0.6
ARE	65.99	84 eP	38 32.00	LFF	2.73	178	Pg	28	54.50	6.7X		2.0s	29.00nm			4.7mb	
ASPA	67.08	262 iPc	38 38.00				Sg	29	30.00		BRVK	50.84	313	eP	22	08.00	-12.2X
	0.9s	23.80nm	5.4mb	CAF	2.92	160	Pg	28	58.50	8.0X		1.0s	7.00nm				
Z	22s	3.40um	5.5Msz				Sg	29	36.30		SVE	55.51	319	ePc	22	59.00	4.3X
CNCB	67.64	87 iPc	38 43.00	LPO	3.01	172	Pg	28	59.90	8.2X	WB2	55.81	187	iPc	22	54.80	-2.3
LPB	67.80	86 P	38 44.00				Sg	29	39.00			0.9s	9.50nm			4.8mb	
Z	22s	2.96um	5.5Msz	HAU	3.87	83	Pg	29	15.20	11.2X	ARU	56.71	319	eP	23	03.00	-0.3
		PS	47 46.00				Sg	30	05.40		ASPA	59.53	187	iPd	23	22.00	-1.4
		LR	00 16.00									0.8s	9.20nm			5.0mb	
ZOBO	67.98	86 iPc	38 45.10								GBA	60.35	266	P	23	28.50	-0.6
	1.1s	30.45nm	5.4mb								RMQ	62.51	172	iPc	23	42.80	-0.7
		LR	00 30.00									0.8s	18.00nm			5.3mb	
CCH	68.19	89 (P)	38 40.00								RES	63.92	14	eP	23	53.00	0.8
WB2	69.82	264 iPd	38 54.10									1.0s	4.00nm			4.4mb	
	0.6s	11.20nm	5.2mb								YKA	65.21	30	eP	24	00.30	-0.4
SIV	72.13	92 eP	39 11.00									0.9s	1.00nm			3.9mb	
BAD	79.60	102 e(P)	39 48.00	ECOG	0.37	186	ePg	35	34.80	-0.2	SDF	65.78	337	iP	24	04.20	-0.1
		e	39 50.00				eSg	35	40.90		STKA	67.40	179	iPd	24	14.40	-0.5
		e	39 53.90	EBAN	0.55	338	iPg	35	38.30	-0.3	KAF	68.98	333	eP	24	24.30	-0.2
		e	39 55.00				eSg	35	45.80			0.6s	3.10nm			4.5mb	
		e	40 02.80	ELUG	0.60	262	ePg	35	39.80	0.4	NUR	70.61	332	eP	24	40.30	5.9X
BDF	79.62	103 e(P)	39 49.00				eSg	35	49.40			71.51	43	eP	24	41.29	1.1
		e	39 53.00	EVIA	1.27	39	ePn	35	51.30	0.3	NEW	0.6s	4.72nm			4.6mb	
		e	39 54.90				eSn	36	07.00			0.6s	4.72nm			4.6mb	
BCAO	125.89	156 iPKP	46 45.20	GUD	3.03	351	ePn	36	16.00	-0.2	TOO	73.22	176	eP	24	50.20	0.0
	1.0s	5.00nm										1.0s	22.00nm			5.1mb	
EJIF	145.04	107 ePKP	47 20.00								NAO	75.24	337	P	24	59.50	-2.2
EVAL	145.20	104 ePKP	47 23.00									0.9s	5.30nm			4.5mb	
EPRU	145.55	106 ePKP	47 23.50								LRM	75.53	44	ePd	25	05.20	1.3
EHOR	146.18	105 ePKP	47 27.00								BW06	79.03	45	eP	25	24.36	1.0
QUE	146.50	231 ePKP	47 23.30									0.6s	1.96nm			4.2mb	
ECOG	146.67	108 ePKP	47 29.50								KSP	80.68	328	eP	25	32.00	0.3
ENIJ	147.15	110 ePKP	47 29.50								RSSD	81.22	41	eP	25	36.29	1.4
EBAN	147.21	106 ePKP	47 33.00									0.7s	1.38nm			4.0mb	
GEC2	163.73	108 PKP	47 52.00	KAKJ	0.40	327	iPd	13	31.00	-1.0	CLL	81.71	330	e(P)	25	38.00	1.0
	0.8s	0.63nm					S	13	37.30		PV09	81.99	48	eP	25	41.19	2.0
KHC	163.84	107 ePKP	48 07.50	CHJJ	1.19	279	P	13	42.20	-0.5	PV10	82.13	48	eP	25	41.82	2.0
		e	48 15.50	NIJJ	1.80	320	P	13	51.30	0.1	PV08	82.24	48	eP	25	41.47	1.0
							S	14	15.00		GEC2	83.29	328	PKP	25	46.50	1.1
				MAT	1.93	291	eP	13	54.00	0.8		1.0s	1.49nm			4.0mb	
							eS	14	17.00								
											ZOBO	147.95	60	PKP	33	06.90	4.7X
											LPB	148.14	60	PKP	33	07.30	5.1X
											CNCB	148.41	61	PKP	33	08.20	5.4X

09d 07h

Rica. Felt lightly in the Central Valley.					KAIM 2.68 344 eP 01 13.93 0.6					DEPTH = 33.2km (3 depth phases)				
BRU	1.37	110	iP	45 29.43 -0.4	SNH	2.82	1	eP	01 16.16 0.7	4.8mb (12 obs.)				
DVD	1.63	121	iPd	45 32.45 -0.6	PNL	2.98	38	iP	01 17.32 -0.2	OFF EAST COAST OF HONSHU, JAPAN (229)				
ECO	4.11	89	iPc	46 08.49 0.3	HON	3.01	44	eP	01 17.26 -0.6	OFUJ	1.70	246	iP+	48 14.60 0.7
UPA	4.28	94	iPc	46 10.74 0.2										
			eS	46 58.96	HMT	3.05	348	eP	01 18.47 -0.1	HOJ	2.61	354	eP	48 26.20 -0.7
TPX	9.93	305	(P)	47 27.00 -2.2	YAH	3.07	12	iP	01 19.38 0.3					
OXX	14.72	303	(P)	48 34.00 0.7	PCA	3.08	26	eP	01 19.07 0.0	AOMJ	2.63	288	P	48 28.50 1.2
PPM	17.30	306	(P)	49 07.00 0.7						YAMJ	3.25	241	P	48 36.50 0.4
ACX	17.30	297	(P)	49 07.00 1.1	BCPM	3.13	33	iP	01 19.41 -0.2	MRRJ	3.28	324	eP	48 37.40 1.0
TPM	17.60	305	(P)	49 10.50 0.8										
UNM	17.88	306	(P)	49 15.00 1.7	RAGM	3.16	345	eP	01 19.80 -0.3	KUSJ	3.40	13	P	48 36.30 -1.9
MRX	19.70	304	(P)	49 35.00 0.8	CROM	3.40	359	eP	01 23.42 -0.3					
JSC	24.99	5	eP	50 27.65 1.1	CVA	3.50	337	eP	01 23.80 -1.1	ASAJ	4.39	350	eP	48 51.90 -0.4
LHS	25.23	6	eP	50 29.44 0.6	MTU	3.59	319	P	01 26.30 0.1	NIIJ	4.45	237	P	48 52.20 -0.9
TKL	26.25	0	eP	50 39.38 1.1	BALM	3.70	5	eP	01 27.73 -0.2	KAKJ	4.51	219	P	48 52.30 -1.7
UYO	26.61	340	iPc	50 41.90 0.3	LTI	3.70	319	eP	01 27.68 -0.1					
MIAR	26.68	342	eP	50 41.12 -1.1	CTGM	3.71	13	eP	01 28.35 0.3	CHJJ	5.25	226	P	49 03.30 -1.1
	0.8s	17.73nm		4.7mb	KNIM	3.88	322	eP	01 29.87 -0.5	MAT	5.38	235	iPc	49 06.80 0.5
OLY	27.01	346	eP	50 43.02 -2.2	PL8C	4.06	56	P	01 32.70 -0.2		1.0s	55.00nm		5.0mb
MEO	28.74	334	iPc	51 07.10 6.2X										
PV10	36.76	326	eP	52 08.55 -2.3	GLB	4.11	354	eP	01 33.00 -0.6	MTMJ	5.61	237	P	49 10.50 0.9
GLA	37.08	314	eP	52 13.24 -0.1	VLZ	4.15	337	eP	01 34.30 0.2	IIDJ	6.27	228	P	49 20.50 1.7
EEO	37.45	5	eP	52 17.50 1.3	KLU	4.40	341	eP	01 37.17 -0.7	MDJ	11.49	299	eP	50 31.60 0.6
SRU	38.10	326	eP	52 20.69 -1.3	HYT	4.47	37	P	01 40.10 1.2		1.0s	18.00nm		5.2mb
ARUT	38.93	322	(P)	52 28.17 -0.8						CN2	14.16	292	eP	51 10.00 3.6X
LMN	39.94	21	eP	52 41.00 4.0X	MPA	4.55	316	eP	01 39.94 0.1		1.0s	7.40nm		4.3mb
ULM	42.04	348	eP	52 54.00 -0.1	PTE	4.69	321	eP	01 41.73 -0.1	Z	14s	0.71um		4.7mszX
			pP	53 01.50 25kmX	SLKM	4.90	313	eP	01 44.86 0.0					
YKA	57.60	344	eP	54 48.50 -4.3X	KNK	4.93	328	eP	01 46.71 1.4	SSE	20.22	252	P	52 26.50 5.5X
	0.8s	2.80nm		4.4mb	TOA	5.02	343	P	01 50.00 3.4X		1.0s	11.00nm		4.2mb
RES	65.67	357	eP	55 45.50 -1.3	SML	5.22	331	eP	01 49.62 0.2	Z	12s	0.40um		4.0mszX
	1.0s	3.00nm		4.3mb	YKA	15.04	58	eP	04 08.20 4.9X	N	12s	0.30um		
DAG	75.42	12	eP	56 44.20 -1.6										
	1.1s	20.25nm		5.0mb										
EKA	77.13	35	P	57 03.00 7.3X										
	1.5s	50.40nm		5.3mb										
LIC	78.03	86	P	57 02.00 0.5										
MOX	86.35	39	eP	57 52.30 8.3X										
	1.6s	24.00nm		5.1mb										
CLL	87.09	39	eP	57 49.00 1.5										
	1.5s	29.00nm		5.3mb										
BRG	87.76	39	eP	57 51.20 0.5										
	1.6s	22.00nm		5.1mb										
KHC	87.88	41	eP	57 52.00 0.6										
	1.5s	14.20nm		5.0mb										
GEC2	88.02	41	P	57 52.60 0.4										
	1.2s	3.62nm		4.5mb										
WB2	141.63	250	iPKPc	04 31.20 -3.2X										
	0.7s	2.10nm												
KMI	145.20	349	PKP+	04 39.00 -1.6										
	2.0s	40.00nm												
CGP	146.55	301	ePKP	04 44.00 1.2										
S.D. = 1.2 on 32 of 38 obs.					DEC 09, 1992 08h 25m 52.94±0.70s					39.225 N ± 5.6km 0.494 W ± 7.0km				
* DEC 09, 1992 07h 45m 21.85±1.90s					DEPTH = 10.0km (geophysicist)					SPAIN (377)				
21.538 S ± 8.3km 66.889 W ± 18.0km					mbLg 3.2 (MDD). Felt (III) in					the Algemesi area.				
DEPTH = 210.4 ± 41.6 km					ECHE 0.52 315 ePg 26 04.00 0.6					NJ2 21.48 257 iPc 52 32.00 -1.9				
SOUTHERN BOLIVIA (125)					ACU 0.72 175 ePg 26 07.20 0.1					YAK 23.82 344 eP 52 56.30 -0.4				
YJA	1.43	116	iPd	45 56.30 -0.4	EVIA 1.67 250 ePn 26 22.50 0.0					TIY 24.38 275 eP 53 04.00 1.5				
HJA	2.16	141	iPc	46 03.50 0.4	EROO 1.74 23 ePn 26 45.00 0.6					Z 16s 0.48um 4.1mszX				
			S	46 34.20	EBR 1.76 25 ePn 26 23.00 -0.7					HHC 24.43 283 eP 53 08.00 5.1X				
ANT	3.91	236	eP	46 23.50 0.1	EGRA 2.97 3 ePn 26 50.20 9.3X					WHN 25.58 258 Pc 53 14.70 0.9				
			IS	47 10.70	PAB 3.00 277 ePn 26 41.50 0.0					Z 16s 15.00nm 4.7mb				
CCH	4.19	10	Pc	46 26.00 -1.3	ECOG 3.10 232 ePn 26 43.00 0.0					Z 16s 0.71um 4.3mszX				
FSA	4.60	170	iPc	46 31.90 0.0	GUD 3.15 298 ePn 26 43.00 -0.6					S 57 18.50				
CNCB	4.82	347	iPc	46 36.30 0.9	S.D. = 0.6 on 8 of 9 obs.					GYA 33.47 258 iPc 54 24.20 -0.3				
			S	47 34.00	& DEC 09, 1992 09h 28m 35.01s					0.8s 9.40nm 4.8mb				
LPB	5.11	347	iPc	46 40.00 1.1	34.244 N 116.427 W					CD2 33.50 267 eP 54 24.00 -0.7				
			S	47 39.20	DEPTH = 2.8km					1.0s 22.00nm 5.0mb				
ZOBO	5.35	347	iPc	46 42.80 0.5	SOUTHERN CALIFORNIA (43)					GTA 33.53 284 eP 54 25.00 0.0				
			S	47 45.00	<PAS-P>. ML 3.0 (PAS), 2.9 (GS).					1.0s 14.00nm 4.8mb				
ARE	6.67	318	iPd	46 57.50 -1.4	Felt.					MTN 53.65 195 eP 57 07.00 0.3				
TCA	9.97	169	iPc	47 36.90 -4.7X	SSK 1.05 269 eP 28 54.43 -1.2					RES 59.49 15 eP 57 49.00 1.2				
					GSC 1.10 344 Pd 28 55.49 -0.9					WB2 60.05 190 iPd 57 51.80 -0.4				
S.D. = 1.1 on 9 of 10 obs.					GLA 1.79 131 ePd 29 04.87 -2.2					YKA 60.54 31 eP 57 55.00 -0.1				
DEC 09, 1992 08h 00m 29.40±1.75s					ISA 2.20 311 ePn 29 12.69 -0.3					GBA 63.19 266 P 58 14.00 0.5				
57.366 N ± 15.7km 142.978 W ± 3.9km					TNP 3.88 351 ePn 29 36.34 -0.8					NAO 72.60 338 P 59 11.70 0.0				
DEPTH = 10.0km (geophysicist)					ARUT 4.29 34 (Pn) 29 43.72 0.9					1.0s 4.60nm 4.4mb				
GULF OF ALASKA (15)					6 obs. associated					PV10 77.65 50 eP 59 43.43 2.2				
ML 3.2 (AEIC), 3.4 (PGC).					DEC 09, 1992 09h 47m 46.21±0.68s					S.D. = 1.2 on 33 of 36 obs.				
					39.789 N ± 6.4km 143.659 E ± 9.0km					? DEC 09, 1992 09h 54m 09.07±3.99s				
										3.147 S ± 46.0km 139.195 E ± 20.4km				
										DEPTH = 33.0km (normal)				
										4.9mb (5 obs.)				

IRIAN JAYA, INDONESIA (201)

KNA	16.19	219	eP	57	56.50	0.7
QIS	17.31	179	eP	58	10.00	0.1
			eS	01	21.00	
WB2	17.35	195	iPd	58	10.60	0.1
	0.4s	29.50nm			4.8mb	
			eS	01	16.80	
ASPA	21.03	194	iPc	58	51.80	-0.8
	0.4s	27.40nm			5.0mb	
			eS	02	48.60	
RMO	24.95	159	iPd	59	32.00	0.9
	0.6s	19.00nm			4.9mb	
STKA	28.67	176	eP	00	03.70	-1.3
BWA	32.28	166	iPd	00	37.80	0.7
CAN	33.28	165	eP	00	45.70	-0.1
BFD	34.00	175	iPd	00	51.10	-0.9
	0.9s	16.00nm			4.9mb	
TOO	34.74	171	iPc	00	59.00	0.6
	0.7s	13.00nm			5.0mb	
CNCB	146.63	127	ePKP	13	46.00	-3.0X
LPB	146.69	127	ePKP	13	54.00	5.0X
ZOBO	146.80	126	ePKP	13	56.00	6.6X
S.D. = 0.9 on 10 of 13 obs.						

& DEC 09, 1992 10h 05m 29.50s
36.843 N 121.598 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.7 (BRK).

SAO	0.15	122	iPd	05	32.18	-0.5
			iS	05	33.89	
COE	0.42	352	ePd	05	38.87	0.9
MHC	0.50	356	iPd	05	39.93	0.3
			eS	05	47.63	
ARN	0.51	6	iPd	05	39.92	0.2
PRS	0.54	160	iPd	05	39.85	-0.6
LLA	0.57	113	iPd	05	40.72	-0.3
			eS	05	49.45	
PCC	0.91	317	iPc	05	46.27	-0.7
			eS	06	01.02	
PRI	1.03	133	iPc	05	49.16	0.0
BKS	1.15	334	ePd	05	50.25	-0.9
			eS	06	09.03	
ZSP	1.22	335	eP	05	51.24	-1.1
HMR	1.32	353	eP	05	55.32	1.3
PKEM	1.43	123 (P)		06	07.30	11.5
FRI	1.52	84	iPd	05	56.73	-0.3
CMB	1.53	39	eP	05	55.88	-1.3
			eS	06	15.78	
MEMM	2.28	68 (P)		06	10.06	2.1
MTUM	2.48	77	ePn	06	10.11	-0.9
MRCM	2.60	71 (Pn)		06	13.72	0.9
TNP	3.70	69 (P)		06	36.90	8.5
MSU	7.66	75 (P)		07	24.47	0.2
19 obs. associated						

% DEC 09, 1992 11h 06m 04.38±1.06s
39.146 N ± 8.1km 27.446 E ± 16.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.8 (ISK).

Izm	0.76	191	ePg	06	19.30	0.0
			eSg	06	31.30	
DST	1.02	63	ePn	06	23.60	-0.2
EDC	1.24	15	ePn	06	27.00	-0.4
BNT	1.26	17	ePn	06	28.00	0.2
KCT	1.31	32	ePn	06	29.00	0.4
S.D. = 0.5 on 5 of 5 obs.						

DEC 09, 1992 11h 19m 29.76±0.96s
7.053 S ± 8.4km 155.837 E ± 8.0km
DEPTH = 107.8 ± 11.1 km
4.4mb (5 obs.)

SOLOMON ISLANDS (193)

SVO	4.46	118	P	20	35.50	-0.8
RAB	4.63	308	e(P)	20	39.00	0.3
			iS	21	38.00	
HNR	4.71	120	P	20	40.00	0.3
			S	21	48.00	
DZM	18.10	147	iPc	23	36.80	0.9
RMO	20.47	198	eP	24	01.00	0.0
QIS	20.67	228	eP	24	05.00	1.9
QLP	22.34	208	iPd	24	19.80	0.2

	0.6 s	38.00nm		4.9mb		
WB2	24.46	236	iPc	24	40.20	0.0
	0.5 s	7.80nm		4.4mb		
		i		24	50.20	
MTN	25.00	255	eP	24	45.00	-0.2
CMS	26.05	200	iPd	24	54.40	-0.3
	0.6 s	7.00nm		4.4mb		
ASPA	26.77	230	iPd	25	00.30	-1.2
	0.5 s	7.70nm		4.5mb		
STKA	28.05	206	eP	25	11.60	-1.3
MBL	37.51	244	eP	26	25.70	-9.3X
LOE	58.71	295	eP	29	18.00	-0.8
NST	59.60	293	eP	29	31.00	6.1X
CHG	61.68	296	eP	29	38.50	-0.5
KDD	79.90	282	eP	31	42.50	13.4X
HYB	80.08	289	eP	31	29.00	-0.6
		e		31	41.80	
GBA	80.47	285	P	31	33.00	1.3
YKA	96.00	28	eP	32	45.40	-0.2
	0.8 s	0.50nm		4.1mb		
GEC2	127.53	329	PKP	38	24.80	0.9
	0.6 s	1.55nm				
S.D. = 0.9 on 18 of 21 obs.						

& DEC 09, 1992 11h 20m 08.77s
61.835 N 151.996 W
DEPTH = 119.7km
SOUTHERN ALASKA (2)
<AEIC>.

SKT	0.26	56	iP	20	24.96	0.8
			eS	20	37.08	
			eS	20	37.24	
NCG	0.44	190	iP	20	25.83	-0.9
CGLM	0.53	181	iP	20	26.37	-0.9
			S	20	39.67	
CP2	0.58	192	eP	20	27.09	-0.7
BGL	0.60	198	iP	20	27.01	-0.8
CKN	0.62	188	eP	20	27.38	-0.4
CKT	0.64	189	iP	20	27.07	-1.0
			S	20	41.67	
SPU	0.66	182	iP	20	27.13	-1.0
			eS	20	42.23	
CKL	0.66	194	iP	20	27.42	-0.8
			eS	20	42.21	
SUA	0.70	121	iP	20	28.51	0.0
			eS	20	42.61	
PWA	1.02	99	eP	20	31.56	0.3
NKA	1.16	161	iP	20	34.12	1.5
DFR	1.29	195	eP	20	33.91	-0.4
PMS	1.31	116	eP	20	34.19	-0.2
NCT	1.36	200	eP	20	34.34	-0.7
RDN	1.38	196	eP	20	34.92	-0.3
PLRM	1.39	99	eP	20	34.47	-0.7
REF	1.39	195	eP	20	35.25	-0.3
RDW	1.41	197	iP	20	35.57	-0.2
RS2	1.43	195	eP	20	35.52	-0.4
RSO	1.43	195	eP	20	35.42	-0.5
RS1	1.43	195	eP	20	35.74	-0.2
SLKM	1.59	146	eP	20	37.66	0.1
			S	20	58.28	
HUR	1.59	43	eP	20	37.35	-0.3
			S	20	58.49	
PTE	1.73	123	eP	20	38.85	-0.4
SML	1.74	89	eP	20	38.78	-0.7
KNK	1.74	103	iP	20	38.93	-0.6
			eS	21	02.60	
KTH	1.79	16	eP	20	39.65	-0.5
TRF	1.80	25	eP	20	40.22	-0.2
			S	21	03.83	
ILIM	1.82	195	eP	20	40.25	-0.3
INE	1.85	197	eP	20	40.74	-0.3
INW	1.86	198	eP	20	40.86	-0.2
MPA	1.86	135	eP	20	40.84	0.0
SEW	2.14	143	eP	20	43.85	-0.5
RND	2.14	41	eP	20	44.44	-0.1
BRLLK	2.15	165	eP	20	44.38	-0.2
TTA	2.17	302	eP	20	42.89	-2.0
SCM	2.21	88	eP	20	44.81	-0.7
PDB	2.32	209	iP	20	46.43	-0.3
CNPM	2.35	170	eP	20	46.51	-0.6
GLI	2.55	110	eP	20	48.06	-1.7
KNIM	2.55	124	eP	20	47.84	-1.9
LTJ	2.71	130	eP	20	50.53	-1.3
TOA	2.76	82	eP	20	52.43	-0.2
VLZ	2.81	102	eP	20	51.63	-1.5
FID	2.88	110	eP	20	52.20	-1.9

MCNL	2.90	205	eP	20	53.45	-0.9
KLU	2.92	94	eP	20	53.63	-1.1
SDG	3.10	74	eP	20	57.44	0.3
MLY	3.26	9	eP	20	58.11	-1.1
HDA	3.45	39	eP	21	02.51	0.8
GLB	3.93	92	eP	21	07.29	-0.9

52 obs. associated

% DEC 09, 1992 11h 48m 16.69±1.11s
39.236 N ± 11.4km 28.782 E ± 20.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST	0.39	342	iPg	48	24.10	-0.6
KCT	1.06	342	iPn	48	37.00	0.3
KHL	1.08	147	ePn	48	37.00	-0.1
BNT	1.30	330	ePn	48	41.00	0.2
YLV	1.40	19	ePn	48	42.50	0.1

S.D. = 0.5 on 5 of 5 obs.

% DEC 09, 1992 11h 52m 36.65±1.13s
39.248 N ± 11.1km 28.717 E ± 18.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST	0.36	349	iPg	52	43.00	-1.1
KCT	1.04	345	iPn	52	56.50	0.3
KHL	1.12	145	ePn	52	57.50	-0.2
BNT	1.27	331	ePn	53	01.00	0.9
EDC	1.28	329	ePn	53	00.00	-0.4
YLV	1.41	21	ePn	53	03.00	0.6

S.D. = 0.9 on 6 of 6 obs.

% DEC 09, 1992 12h 14m 04.65±1.03s
40.150 N ± 8.5km 29.314 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.6 (ISK).

YLV	0.42	6	iPg	14	13.00	-0.2
			eSg	14	19.00	
KCT	0.74	278	iPg	14	19.00	-0.2
DST	0.76	224	ePg	14	19.10	-0.4
EYL	0.77	57	ePg	14	20.00	0.3
BNT	1.09	281	ePn	14	26.00	0.9
CTT	1.20	326	ePg	14	26.60	-0.4

S.D. = 0.7 on 6 of 6 obs.

DEC 09, 1992 12h 45m 44.29±0.67s
40.984 N ± 5.8km 22.764 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 1.8 (SKO).

KNT	0.20	30	ePg	45	48.94	0.2
			eSg	45	51.90	
GRG	0.28	264	ePg	45	50.10	0.0
			eSg	45	54.58	
VAY	0.37	337	iPg	45	51.80	0.0
			iSg	45	56.40	
THE	0.38	156	iPg	45	52.14	0.0
			eSg	45	57.82	
SOH	0.48	110	ePg	45	54.14	0.2
			eSg	46	01.02	
SRS	0.64	78	ePg	45	56.86	-0.3
			eSg	46	05.62	

S.D. = 0.2 on 6 of 6 obs.

DEC 09, 1992 13h 03m 23.16±0.60s
42.752 N ± 5.5km 12.535 E ± 6.8km
DEPTH = 11.7 ± 5.4 km
CENTRAL ITALY (381)
ML 3.3 (VIE). MD 3.1 (TRI).

ASS	0.33</
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09d 13h

PGD	1.27	332	P	03	48.90	2.2
SFI	1.27	337	P	03	48.10	1.5
			eSg	04	06.40	
FIR	1.39	318	ePn	03	50.00	1.7
			i(Sn)	04	12.00	
SDI	1.41	137	P	03	48.80	0.1
			eSg	04	08.00	
PII	1.76	304	P	03	57.00	3.4X
DUI	1.80	127	P	03	54.50	0.2
BDI	1.93	313	P	04	00.60	4.5X
PGF	2.62	267	Pn	04	05.40	-0.7
			Sn	04	38.00	
HVAR	2.90	80	iPn	04	09.90	-0.1
RIY	2.91	27	e(Pn)	04	08.60	-1.5
			iSn	04	46.50	
TRI	3.09	16	e(Pn)	04	09.80	-2.7
			e(Pg)	04	13.30	
			e(Sg)	04	47.50	
VBY	3.38	35	ePn	04	17.50	0.7
KBA	4.36	7	iPnd	04	32.30	1.4
			i	04	47.40	
			iSn	05	25.00	
			iSg	05	53.50	
LMR	4.45	280	Pn	04	30.50	-1.5
WTTA	4.56	352	iPnc	04	36.40	2.7
			iSn	05	30.10	
LRG	4.58	281	Pn	04	32.70	-1.1
LPG	4.99	305	Pn	04	38.70	-1.2
			Sn	05	36.60	
LPL	5.01	305	Pn	04	39.30	-0.8
GEC2	6.15	7	Pn	04	56.20	0.2
			Sn	06	04.90	
KHC	6.42	6	eP	05	40.00	40.1X
			e	06	26.00	
			e	07	31.50	
CDF	6.76	329	Pn	05	03.10	-1.5
			Sn	06	20.00	
HAU	6.82	322	Pn	05	03.70	-1.8
			Sn	06	21.70	

S.D. = 1.6 on 25 of 28 obs.

% DEC 09, 1992 13h 17m 38.37 \pm 0.98s
 31.572 S \pm 14.7km 68.144 W \pm 8.5km
 DEPTH = 33.0km (normal)
 SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.37	311	iPc	17	48.20	1.1
			S	17	59.00	
RTCV	0.44	229	iPc	17	48.80	0.6
			i	18	00.00	
			(S)	18	34.60	
RTCB	0.57	279	ePd	17	48.50	-1.5
			S	17	59.10	
RTPR	1.89	48	ePd	18	00.80	-0.1
			(S)	18	35.10	
TCA	3.05	87	iP	18	25.30	-0.1

S.D. = 1.4 on 5 of 5 obs.

% DEC 09, 1992 14h 16m 29.29 \pm 0.95s
 41.073 N \pm 8.0km 23.303 E \pm 6.4km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

SRS	0.22	79	ePg	16	33.94	-0.2
			eSg	16	37.42	
SOH	0.25	171	ePg	16	35.18	0.5
			eSg	16	38.98	
KNT	0.32	286	iPg	16	36.10	0.2
			iSg	16	40.46	
THE	0.51	210	iPg	16	39.10	-0.5
			eSg	16	46.98	
OUR	0.90	145	ePg	16	46.54	0.0

S.D. = 0.5 on 5 of 5 obs.

* DEC 09, 1992 14h 24m 43.21 \pm 0.79s
 35.590 N \pm 15.5km 140.558 E \pm 14.4km
 DEPTH = 33.0km (normal)
 4.3mb (3 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

MAT	2.13	297	iPd	25	16.90	-0.2
			eS	25	39.00	
WB2	55.54	187	eP	34	17.50	-0.1
	0.6s	2.90nm			4.5mb	
ASPA	59.27	187	eP	34	47.90	4.0X
	1.6s	4.30nm			4.3mb	
RES	64.17	14	eP	35	16.50	0.3

YKA	65.40	30	eP	35	23.60	-0.7
	0.6s	0.10nm			3.1mb X	
NAO	75.53	337	P	36	26.40	0.6
	0.7s	2.00nm			4.2mb	
ZOBO	148.01	60	ePKP	44	25.00	0.2
LPB	148.20	61	ePKP	44	37.00	12.1X
CNCB	148.47	61	PKP	44	31.40	5.9X

S.D. = 0.6 on 6 of 9 obs.

DEC 09, 1992 15h 06m 01.88 \pm 1.07s
 46.161 N \pm 9.3km 13.132 E \pm 8.5km
 DEPTH = 10.0km (geophysicist)

AUSTRIA (546)
 ML 2.4 (VIE). MD 2.1 (TRI).

RBL	0.41	47	P	06	09.80	-0.5
			eSg	06	16.00	
FVI	0.50	331	P	06	10.40	-1.5
			eSg	06	16.80	
VOY	0.55	103	ePgc	06	14.40	1.5
			eSg	06	22.90	
TRI	0.63	135	e(Pg)	06	13.00	-1.6
			eSg	06	25.00	
KBA	0.93	9	iPgc	06	19.10	-0.6
			i	06	32.00	
			iSg	06	33.90	
WTTA	1.51	318	iPgc	06	29.50	0.4
			iSg	06	46.40	
			i	06	50.60	
OGA	1.62	297	ePg	06	33.00	2.3X
VBY	1.62	113	iPn	06	32.90	2.3X
			iSn	06	57.40	
SQTA	1.70	309	iPgc	06	33.00	1.2
			iSg	06	56.10	
GEC2	2.71	8	Pn	06	47.30	0.9
			Pg	06	51.80	
			Sg	07	30.20	
KHC	2.99	6	ePn	06	50.50	0.3
			Pg	07	01.00	
			e	07	28.60	
			Sg	07	39.00	

S.D. = 1.3 on 9 of 11 obs.

% DEC 09, 1992 15h 31m 37.94s
 63.182 N 150.509 W
 DEPTH = 15.1km

CENTRAL ALASKA (1)
 <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).

TRF	0.29	20	iP	31	44.07	-0.3
KTH	0.42	334	eP	31	45.73	-0.8
HUR	0.45	117	iP	31	46.81	-0.2
			S	31	54.01	
RND	0.78	73	eP	31	52.84	0.1
			S	32	03.94	
MCK	0.90	51	eP	31	55.22	0.5
			eS	32	08.08	
SKT	1.30	202	eP	32	01.00	-0.4
			eS	32	17.96	
			eS	32	17.99	
NEA	1.54	24	eP	32	04.28	-0.5
PWA	1.56	169	eP	32	06.20	1.0
WRH	1.68	39	eP	32	07.05	0.2
			S	32	30.50	
SML	1.71	143	eP	32	07.61	0.3
PLRM	1.72	157	eP	32	07.93	0.5
PMR	1.72	157	eP	32	07.39	0.0
			eS	32	28.64	
SUA	1.73	184	eP	32	08.13	0.4
MLY	1.86	357	eP	32	09.80	0.3
CCB	1.89	38	eP	32	10.05	0.1
NCG	1.94	204	eP	32	10.76	0.0
PMS	1.99	167	eP	32	13.20	1.7
HDA	2.00	51	eP	32	13.21	1.7
SCM	2.00	131	eP	32	12.58	1.0
CGLM	2.01	201	eP	32	12.09	0.4
KNK	2.02	151	eP	32	12.95	1.1
			eS	32	39.37	
CRP	2.07	203	eP	32	12.39	-0.3
CP2	2.09	204	eP	32	13.27	0.3
			eS	32	41.86	
FBA	2.10	34	ePn	32	12.34	-0.6
			eS	32	42.50	
CKN	2.12	202	eP	32	14.00	0.8
BGL	2.12	205	ePn	32	13.50	0.2
			eS	32	42.32	

SPU	2.13	201	eP	32	13.80	0.3
CKT	2.14	203	eP	32	14.00	0.3
CKL	2.17	204	eP	32	14.42	0.3
GLM	2.27	36	eP	32	15.51	0.0
TOA	2.28	116	eP	32	16.60	1.0
PAX	2.30	93	eP	32	16.50	0.5
SDG	2.37	104	eP	32	17.59	0.8
PTE	2.43	163	eP	32	19.28	1.7
TTA	2.52	267	ePn	32	17.99	-1.0
			eS	32	53.45	
TZL	2.61	114	eP	32	21.22	0.9
SLKM	2.69	177	eP	32	21.49	0.1
KLU	2.73	126	eP	32	22.46	0.4
DFR	2.80	203	eP	32	22.67	-0.3
GLI	2.82	144	eP	32	23.80	0.6
VLZ	2.84	135	eP	32	24.12	0.7
NCT	2.87	205	eP	32	24.42	0.4
REF	2.90	202	eP	32	24.74	0.3
RS1	2.93	202	eP	32	25.41	0.4
FID	3.09	140	eP	32	27.75	0.7
KNIM	3.13	154	eP	32	27.79	0.1
SVW	3.18	231	(Pn)	32	32.00	3.7
PRP	3.19	41	eP	32	29.35	0.7
IMA	3.20	336	eP	32	28.22	-0.6
GLB	3.58	116	eP	32	35.35	1.3
PDB	3.84	209	eP	32	37.78	0.2
BALM	4.40	116	eP	32	46.08	0.4

52 obs. associated

DEC 09, 1992 16h 22m 32.90 \pm 0.62s
 18.035 S \pm 10.6km 178.086 W \pm 5.0km
 DEPTH = 611.2 \pm 9.0 km
 4.9mb (20 obs.)

FIJI ISLANDS REGION (181)

VUN	3.28	270	eP	23	55.20	0.2
BKM	13.02	270	iPc	25	22.50	0.9
DZM	15.08	252	iPc	25	42.70	1.1
AFR	26.95	93	iPc	27	29.20	-0.3
	0.7s	68.30nm			5.4mb	
PPT	27.14	93	iPc	27	31.00	-0.2
	0.8s	101.00nm			5.5mb	
PPN	27.28	93	iPc	27	32.60	0.2
TVO	27.43	94	iPc	27	34.00	0.2
	0.7s	75.00nm			5.4mb	
PMO	29.08	89	iPc	27	48.30	0.3
VAH	29.30	89	iPc	27	49.40	-0.4
TPT	29.35	89	iPc	27	50.20	0.0
	1.6s	313.40nm			5.7mb	
RUV	29.54	89	iPc	27	51.70	-0.1
	0.7s	48.70nm			5.2mb	
RMO	31.75	249	iPd	28	10.50	0.1
	0.4s	9.00nm			4.8mb	
CMS	35.23	241	iPd	28	40.00	0.7
	0.7s	17.00nm			4.8mb	
QLP	35.78	249	iPc	28	43.90	0.0
	0.5s	52.00nm			5.4mb	
TOO	37.33	231	iPd	28	57.70	1.2
	0.7s	31.00nm			5.0mb	
MDG	37.51	285	eP	28	59.00	0.8
STKA	38.84	241	iPd	29	09.50	0.7
			eS	34	23.80	
BFD	39.41	233	eP	29	14.20	0.9
QIS	39.93	259	eP	29	16.00	-1.8
WB2	44.90	260	iPd	29	55.10	-1.5
	0.6s	40.20nm			5.1mb	
ASPA	45.05	254	iPd	29	56.70	-1.1
	1.0s	80.90nm			5.2mb	
			iPcP	31	25.00	

BGL	81.66	12	eP	33	48.24	-1.1	MAF	151.89	359	iPKPd	41	21.30	7.7X	WMOK	23.26	338	eP	33	32.45	0.1
BALM	83.85	17	eP	33	59.63	-0.6		0.8s	8.20nm						0.6s	11.23nm			4.4mb	
BJI	84.09	315	eP	34	01.50	-0.1	LPL	152.31	353	iPKPd	41	22.80	8.3X			eP	33	53.74	98km	
	1.0s	13.00nm				4.5mb		0.8s	4.45nm				ELC	23.91	359	(P)	33	38.06	-0.5	
TIY	85.58	312	eP	34	11.00	2.0	LPG	152.32	353	iPKPd	41	22.90	8.2X	NAV	24.93	15	(P)	33	48.56	0.3
IMA	85.84	10	eP	34	10.39	0.6		0.8s	4.45nm						eP	34	11.05	104km		
	0.8s	2.93nm				4.0mb	CAF	153.19	360	iPKPd	41	23.40	7.9X	ACO	25.16	340	iPc	33	49.70	-0.7
FBA	85.86	12	eP	34	08.64	-1.1		0.9s	10.80nm					GOL	30.18	334	eP	34	35.01	-1.0
	0.6s	5.13nm				4.4mb	BCAO	158.85	232	iPKPc	41	23.90	0.4		0.8s	14.04nm			4.7mb	
XAN	86.58	307	Pc	34	15.30	1.4		0.2s	8.00nm				PV09	31.02	328	eP	34	42.82	-0.7	
	1.0s	18.00nm				4.8mb			ic	42	04.90		SRU	32.21	327	eP	34	53.80	0.1	
CHG	89.33	290	eP	34	27.80	1.0	S.D. = 1.0 on 50 of 89 obs.						EEO	34.21	12	eP	35	12.00	1.3	
SES	89.94	36	eP	34	29.00	0.0	DEC 09, 1992 16h 30m 11.79±0.66s						BW06	34.52	332	eP	35	12.31	-1.4	
LZH	91.21	308	eP	34	34.00	-1.4	61.423 N ± 5.8km							0.9s	5.93nm			4.5mb		
	1.0s	25.00nm				5.2mb	5.828 E ± 5.6km						ZOBO	35.68	145	eP	35	25.00	0.8	
YKA	94.32	25	eP	34	47.50	-1.3	DEPTH = 10.0km (geophysicist)						ULM	37.34	352	ePc	35	37.60	0.5	
	0.7s	1.00nm				4.1mb	SOUTHERN NORWAY (535)						LRM	38.20	333	ePc	35	44.40	-0.3	
NAO	136.79	354	PKP	40	48.20	0.1	MD 2.1 (BER).						SIV	39.84	136	eP	36	01.00	2.7	
	0.7s	2.00nm													i	36	26.40			
OJC	144.84	340	ePKP	41	03.10	0.5	HYA	0.31	146	iPc	30	17.99	-0.2			i	38	07.00		
WIT	145.09	355	ePKP	41	05.00	2.1X			eS	30	22.26		SES	41.29	338	eP	36	09.00	-0.9	
KSP	145.32	344	ePKP	41	04.00	0.6	FOO	0.42	295	eP	30	19.98	-0.3	FCC	45.58	356	ePd	36	46.50	2.3
		id					SUE	0.63	235	eP	30	24.26	-0.2	YKA	52.52	345	eP	37	35.20	-2.4
CLL	145.65	348	iPKP	41	05.10	1.2			eS	30	32.81			0.4s	6.90nm			5.0mb		
	1.1s	50.00nm					ASK	0.99	198	eP	30	30.87	0.3	RES	61.49	358	eP	38	38.50	-2.3
BRG	145.86	346	iPKP	41	05.80	1.6			eS	30	44.41			0.5s	4.00nm			4.7mb		
	1.0s	24.00nm					EGD	1.19	195	eP	30	34.36	0.4	GEC2	88.04	40	P	41	12.00	-1.2
WTS	145.89	355	ePKPd	41	06.50	2.3X			eS	30	50.28			1.3s	2.03nm			4.0mb		
	0.8s	24.00nm					MOL	1.41	34	eP	30	37.95	0.5			e	41	39.10		
MLR	146.10	329	ePKPc	41	07.50	2.5X			eS	30	57.39					e	41	48.20		
HRI	146.12	303	ePKP	41	07.10	1.7	NRA0	2.86	101	Pn	30	57.84	-0.4	WB2	138.39	255	ePKP	47	48.20	-1.0
PRU	146.55	345	ePKP	41	07.60	2.2X			Pg	31	02.49			0.5s	2.30nm					
									Lg	31	40.84		ASPA	138.52	249	ePKP	47	50.60	1.3	
MOX	146.55	349	ePKP	41	08.50	3.1X	S.D. = 0.5 on 7 of 7 obs.							0.5s	4.50nm					
	1.4s	24.00nm					& DEC 09, 1992 19h 16m 07.35s						HYB	146.97	23	ePKP	48	03.00	-1.1	
PSZ	146.77	338	ePKPd	41	08.80	2.9X	34.312 N						S.D. = 1.3 on 38 of 39 obs.							
JVI	146.83	301	ePKP	41	09.00	2.5X	116.426 W						& DEC 09, 1992 19h 47m 07.54s							
ENN	147.19	355	ePKP	41	10.00	3.7X	DEPTH = 7.3km						34.310 N							
	0.7s	10.00nm					SOUTHERN CALIFORNIA (43)						DEPTH = 7.6km							
CSS	147.40	307	ePKP	41	10.60	3.4X	<PAS-P>. ML 3.0 (PAS), 2.8 (GS).						SOUTHERN CALIFORNIA (43)							
ZST	147.47	341	iPKP	41	10.60	3.7X	PEC	0.74	236	eP	16	20.73	-1.4		<PAS-P>. ML 3.3 (PAS), 3.1 (GS).					
GRF	147.54	349	iPKPd	41	11.40	4.4X			Lg	16	30.71		PEC	0.73	236	ePd	47	20.85	-1.4	
KHC	147.58	346	ePKP	41	11.00	3.9X	PLM	1.02	201	eP	16	26.00	-1.1	PLM	1.02	201	eP	47	26.17	-1.0
	0.9s	8.40nm					GSC	1.04	343	eP	16	26.49	-0.7	GSC	1.04	343	iPc	47	26.63	-0.8
									eS	16	40.79		SSK	1.05	265	ePc	47	26.61	-1.1	
GEC2	147.81	345	PKP	41	11.10	3.5X	SSK	1.05	265	eP	16	26.47	-1.1			eS	47	41.04		
	0.6s	8.80nm							eS	16	40.70		ISA	2.15	309	ePn	47	44.68	0.4	
SAGI	147.86	298	ePKP	41	11.40	3.2X	GLA	1.83	133	ePn	16	39.66	0.2			ePg	47	46.83		
DOU	147.94	357	PKP	41	12.10	4.5X			ePg	16	41.16				eS	48	14.80			
WLF	148.26	355	iPKPd	41	13.09	5.0X	ISA	2.15	309	ePn	16	41.17	-3.0	BCH	3.13	287	ePn	47	57.57	-0.7
FLN	149.29	3	iPKPd	41	14.90	5.2X			ePg	16	46.76		TNP	3.82	351	ePn	48	07.09	-1.1	
	0.8s	26.45nm					ARUT	4.23	34	(Pn)	17	11.27	-2.5	ARUT	4.23	34	ePn	48	14.77	0.8
CDF	149.39	353	iPKPd	41	15.40	5.4X			ePg	17	25.56		MSU	5.42	38	(Pn)	48	29.17	-1.7	
	0.9s	18.65nm					7 obs. associated						9 obs. associated							
LDF	149.47	3	iPKPc	41	15.20	5.2X	* DEC 09, 1992 19h 28m 33.18±0.62s						DEC 09, 1992 19h 49m 12.88±0.70s							
	0.6s	7.95nm					13.282 N ± 10.0km						42.952 N ± 6.9km							
KBA	149.54	345	iPKPc	41	15.30	4.9X	88.606 W ± 8.3km						0.227 E ± 6.4km							
	0.8s	10.20nm					DEPTH = 103.0km (4 depth phases)						DEPTH = 10.0km (geophysicist)							
GRR	149.64	4	iPKPd	41	15.80	5.6X	4.5mb (7 obs.)						PYRENEES (378)							
	0.5s	8.55nm					EL SALVADOR (73)						ML 2.8 (LDG). mbLg 2.7 (MDD).							
WTTA	149.77	347	iPKPd	41	15.70	5.0X	Felt (III) at San Salvador.						EPF	0.11	46	Pg	49	16.50	0.7	
	0.6s	22.20nm													Sg	49	18.50			
HAU	149.89	354	iPKPd	41	16.50	5.8X	SJAS	0.67	305	iP	28	49.80	-1.1	ENSF	0.17	152	Pg	49	17.37	0.6
	0.7s	12.00nm					LFU	0.68	313	iPd	28	50.10	-0.9			Sg	49	20.36		
SQTA	149.91	347	iPKPd	41	16.70	5.9X	VSS	0.77	307	iP	28	51.30	-0.6	BTH	0.36	298	iPg	49	19.50	-0.8
	0.6s	12.10nm					TME	1.03	315	iPd	28	54.10	-0.4			iSg	49	24.40		
LPF	149.98	4	iPKPd	41	16.80	6.1X	YPE	1.34	309	iPd	28	57.70	-0.5	SALF	0.73	105	Pg	49	27.49	0.2
	0.8s	24.20nm					CUSS	1.45	296	iPc	28	58.70	-0.7	EGRA	0.86	208	eP	49	28.00	-1.3
BSF	150.01	353	iPKPd	41	16.70	5.7X	TPX	3.90												

09d 19h

LSF 3.43 15 Pg 50 33.00 8.8X
 TCF 3.62 22 Pg 50 20.40 10.2X
 MFF 3.66 356 Pg 50 20.00 9.3X
 MAF 3.67 26 Pg 50 22.30 11.4X
 BGF 4.06 26 Pg 50 28.60 12.3X
 S.D. = 1.3 on 8 of 16 obs.

* DEC 09, 1992 20h 26m 11.67±1.55s
 28.392 N ±15.8km 32.900 E ±11.5km
 DEPTH = 10.0km (geophysicist)
 EGYPT (553)
 MD 3.5 (HLW).

KOT 1.80 329 ePb 26 41.30 -1.6
 HLW 2.00 317 ePn 26 46.80 1.0
 HQL 2.08 65 ePd 26 42.60 -4.4X
 MDRJ 2.77 67 P 26 55.40 -1.5
 AYN 2.77 79 eP 26 56.30 -0.5
 DHLJ 3.26 41 P 27 05.00 1.2
 WAJH 3.94 123 eP 27 14.00 0.6
 MASJ 4.13 36 P 27 17.00 0.8
 S.D. = 1.5 on 7 of 8 obs.

DEC 09, 1992 20h 29m 47.19±0.21s
 40.058 N ±3.6km 45.312 E ±2.7km
 DEPTH = 15.8km (15 depth phases)
 4.8mb (51 obs.) 4.5MsZ (7 obs.)
 EASTERN CAUCASUS (337)
 Some houses destroyed (VII) in
 the Taratumb area; also damage
 at Karmrashen, Armenia. A
 landslide blocked 500 meters of
 highway in the epicentral area.
 Armenia. Felt (V) at Kelbadzhar,
 Yerevan and Abovyan, Armenia.
 Also felt in northwestern Iran.

AKH 1.93 315 iPnc 30 19.80 -0.1
 TAB 2.14 158 iPd 30 24.80 1.9
 SHE 2.60 76 iPnc 30 31.00 1.7
 GRO 3.30 5 iPnd- 30 41.00 1.8
 MAK 3.36 28 iPn- 30 43.00 3.0X
 BAK 3.53 83 iPnc 30 44.00 1.6
 PYA 4.31 338 ePn 30 55.00 1.4
 TBZ 4.32 284 eP 31 00.00 6.3X
 SOC 5.47 312 ePn 31 12.00 2.1
 KER 5.87 165 iPd 31 19.50 3.7X
 TEH 6.45 130 eP 31 31.00 7.0X
 ANN 7.63 312 eP 31 40.50 0.1
 KAT 8.50 92 eP 31 51.00 -1.5
 SIM 9.60 304 eP 32 18.00 10.3X
 BHL 9.87 235 P 32 14.00 2.5
 HRI 10.24 232 eP 32 17.60 1.0
 ASH 10.36 98 iPd 32 14.00 -4.2X
 CSS 10.79 246 eP 32 30.40 6.4X
 JVI 11.43 228 eP 32 34.70 1.8
 MAIO 11.77 104 eP 32 34.00 -3.5X
 0.9s 49.02nm 5.8mb

SHI 11.95 148 eS 34 45.00
 ELL 12.53 260 eP 32 52.40 4.7X
 MBH 13.35 223 eP 32 58.40 -0.2
 HOL 13.67 221 eP 33 01.00 -1.7
 KIS 13.79 306 eP 33 07.00 2.8
 Z 15s 1.60um
 MJMA 14.16 180 eP 33 03.00 -6.3X
 UOSK 14.44 191 ePd 33 07.60 -5.4X
 VRI 14.78 299 ePd 33 15.00 -2.3
 KDZ 15.14 282 eP 33 31.00 9.0X
 MLR 15.21 297 eP 33 21.00 -2.0
 PVL 15.27 288 eP 33 34.00 10.5X
 RYD 15.33 176 ePd 33 20.00 -4.6X
 WAJH 15.65 210 eP 33 27.00 -1.6
 PLD 15.67 284 eP 33 36.00 7.1X
 CMP 15.78 296 ePc 33 37.00 6.7X
 AFIF 16.01 187 ePd 33 32.60 -0.8
 PGB 16.08 286 eP 33 38.00 3.8X
 OBN 16.14 342 iPc 33 31.50 -3.1X
 Z 2.0s 336.00nm 5.1mb
 Z 16s 2.50um 4.9MsZ
 N 16s 2.90um
 E 12s 1.30um
 TNR 16.39 297 ePc 33 40.00 1.9
 MOS 16.50 345 eP 33 37.00 -2.2
 Z 2.0s 320.00nm 5.1mb
 Z 16s 2.30um 5.4MsZ
 SRS 16.53 281 eP 33 44.12 4.3X
 PAIG 16.58 277 eP 33 41.00 0.7
 SOH 16.73 280 eP 33 45.88 3.4X
 VTS 16.79 286 eP 33 48.00 4.7X
 KNT 17.05 281 eP 33 44.72 -1.7
 VAY 17.29 282 eP 33 56.40 7.0X
 GRG 17.44 280 iP 33 42.44 -8.9X
 LIT 17.46 278 iP 33 54.12 2.5
 SKO 18.11 284 iP 34 02.00 2.5
 MNK 18.32 325 eP 34 02.00 0.0
 UZH 18.50 305 eP 34 05.00 0.7
 Z 15s 1.50um
 ARU 18.54 24 eP 34 01.00 -3.7X
 Z 14s 2.00um
 N 16s 2.50um
 E 15s 2.50um
 OHR 18.64 281 iP 34 08.20 2.1
 1.4s 132.00nm 4.9mb
 ASW 19.06 217 iP- 34 10.00 -1.3
 SVE 19.53 26 iPc 34 13.30 -3.3X
 1.9s 140.00nm 4.9mb
 Z 16s 3.00um 5.3MsZ
 N 16s 2.50um
 E 16s 3.00um
 PSZ 19.84 302 eP 34 19.70 -0.5
 SPC 19.96 306 eP 34 21.80 0.2
 QUE 20.21 112 eP 34 24.80 0.5
 OJC 20.57 308 eP 34 31.40 3.7X
 SRO 20.86 301 iP 34 30.40 -0.2
 BRVK 21.40 44 iPd 34 35.00 -1.1
 1.2s 88.00nm 5.0mb
 Z 18s 0.98um 4.2MsZ
 N 16s 1.01um
 E 18s 0.95um
 ZST 21.73 301 eP 38 31.00
 ABHA 21.85 187 eP 34 39.70 0.2
 PUL 21.86 339 eP 34 42.00 0.8
 21.86 339 eP 34 41.00 0.3
 Z 11s 1.20um 4.6MsZ
 e 35 01.00 94kmX
 eS 38 42.00
 KMTA 21.92 186 eP 34 42.60 0.7
 FRU 22.09 73 eP 34 44.00 0.8
 1.9s 440.00nm 5.6mb
 PTJ 22.18 295 e(P) 34 45.10 1.0
 DHJN 22.38 185 ePd 34 55.00 8.5X
 KSP 22.89 308 eP 34 50.50 -0.5
 ic 34 52.20 6km
 KSH 23.53 82 P 34 59.00 1.5
 1.5s 380.00nm 5.7mb

Z 12s 1.50um 4.7MsZ
 N 12s 1.74um
 pP 35 09.00 37kmX
 PcS 42 16.00
 eP 35 00.00 0.6
 PRU 23.75 305
 N 19s 1.40um
 E 20s 0.60um
 e 37 15.50
 e 39 52.00
 P 35 01.50 0.8
 RBL 23.88 296
 GEC2 24.07 302 Pd 35 02.30 -0.3
 0.7s 3.91nm 4.1mb
 e 35 05.90 13km
 e 35 15.90
 e 35 28.10
 KBA 24.08 298 iPc 35 03.10 0.3
 1.1s 31.60nm 4.8mb
 i 35 07.40 15km
 i 35 25.90
 TLG 24.09 72 eP 35 03.00 0.2
 2.0s 52.00nm 4.8mb
 Z 15s 0.50um 4.1MsZ
 NUR 24.16 335 iP 35 02.00 -1.2
 0.6s 9.60nm 4.6mb
 eS 39 30.00
 KHC 24.20 303 Pc 35 04.40 0.6
 0.7s 9.00nm 4.5mb
 Z 16s 1.00um 4.4MsZ
 N 16s 0.70um
 E 16s 1.00um
 e 35 08.00 13km
 e 35 29.50
 BRG 24.33 307 eP 35 06.00 1.0
 1.4s 29.00nm 4.7mb
 e 35 16.60 40kmX
 FVI 24.43 296 P 35 06.80 0.9
 PRZ 24.90 74 eP 35 13.00 2.2
 1.0s 90.00nm 5.4mb
 KAF 24.91 339 eP 35 08.90 -1.5
 0.7s 15.20nm 4.8mb
 CLL 25.02 308 iPc 35 11.20 -0.3
 1.7s 110.00nm 5.2mb
 WTTA 25.26 298 iPc 35 12.90 -1.2
 0.9s 22.70nm 4.8mb
 FIR 25.50 290 eP 35 19.00 2.8X
 SOTA 25.55 298 iPc 35 15.40 -1.4
 1.3s 58.20nm 5.1mb
 i 35 17.80 9km
 i 35 28.00
 MOX 25.73 306 eP 35 18.60 0.3
 2.0s 29.00nm 4.6mb
 Z 20s 0.50um 4.0MsZ
 N 21s 1.50um
 GRF 25.81 303 eP 35 21.00 1.9
 Z 19s 0.50um 4.1MsZ
 UPP 26.31 328 iP 35 21.80 -1.7
 APA 28.33 350 ePd 35 45.20 3.4X
 NDI 28.53 104 eP 35 43.70 -0.3
 eS 39 42.00
 LPG 28.62 294 eP 35 44.00 -1.1
 0.8s 11.55nm 4.7mb
 LPL 28.64 294 eP 35 43.60 -1.5
 0.7s 6.50nm 4.5mb
 SDF 29.35 345 iP 36 02.70 11.7X
 NAO 29.68 326 P 35 50.40 -3.7X
 0.8s 2.90nm 4.1mb
 LBF 30.48 297 eP 36 01.10 -0.3
 0.9s 6.70nm 4.5mb
 LOR 30.55 298 eP 36 01.60 -0.4
 0.9s 3.75nm 4.2mb
 SMF 30.59 296 eP 36 02.20 -0.1
 1.0s 10.00nm 4.6mb
 ELT 30.60 51 eP 36 01.10 -1.2
 2.4s 70.00nm 5.1mb
 Z 13s 1.40um 4.8MsZ
 e 37 05.00 336kmX
 SSF 30.80 297 eP 36 03.90 -0.2
 0.8s 6.45nm 4.5mb
 AVF 30.92 297 eP 36 05.20 0.1
 0.9s 6.40nm 4.5mb
 MAF 31.50 296 eP 36 09.90 -0.4
 0.9s 10.95nm 4.8mb
 WMO 31.50 69 P 36 10.50 0.1
 Z 14s 1.09um 4.7MsZ
 N 12s 0.79um
 pP 36 16.10 20km

			PP	37	17.60		LIC	56.22	247	P	39	28.10	-0.8	ALQ	15.41	8	eP	00	42.80	0.2
			PcP	38	58.00		SSE	60.65	73	eP	40	01.00	1.3		0.9s		4.73nm			3.8mb
			sS	41	31.00		BUL	61.88	198	eP	40	08.30	0.1	ARUT	18.52	349	eP	01	22.69	0.9
			ScP	42	40.00		RES	62.53	349	eP	40	12.00	0.1	PV10	18.68	360	eP	01	23.03	-0.9
			PcS	42	41.00		SLR	67.35	197	eP	40	43.00	-0.7	MSU	19.03	352	eP	01	28.30	0.2
			ScS	46	37.00		SEK	69.99	197	eP	40	48.50	-11.5X	DUG	20.77	352	eP	01	46.79	-0.3
TCF	31.74	296	eP	36	11.90	-0.5	BLF	71.07	198	eP	40	55.50	-11.1X	DAU	20.81	355	eP	01	47.58	-0.2
	0.8s		8.20nm			4.7mb	IMA	73.19	8	eP	41	17.10	-1.6	YKA	43.01	356	eP	05	02.00	-2.3
GRR	33.68	300	eP	36	29.20	0.0		1.2s		6.80nm			4.6mb		0.9s		1.00nm			3.5mb
	1.0s		16.60nm			4.9mb				pP	41	24.00	22km	ZOBO	53.68	129	P	06	29.20	0.7
EKA	35.23	312	Pc	36	41.70	-0.8	FBA	74.88	6	eP	41	27.88	-0.4	SIV	58.87	124	eP	07	08.00	3.0X
	0.9s		6.10nm			4.5mb		1.0s		9.50nm			4.8mb		S.D. = 1.2	on	10 of	11 obs.		
UER	35.26	54	eP	36	41.50	-1.2				pP	41	33.70	19km							
	1.0s		12.00nm			4.7mb	YKA	76.52	351	eP	41	35.90	-1.8							
HYB	36.53	118	eP	36	52.70	-1.2		0.9s		3.70nm			4.5mb							
NR1	36.98	24	eP	36	57.00	0.0	KLU	78.39	5	eP	41	47.73	-0.4							
	1.6s		22.00nm			4.7mb	SES	87.56	345	eP	42	35.00	-0.5							
			e	38	27.00	480kmX	NEW	90.69	348	eP	42	51.00	0.7							
PAB	37.75	286	eP	37	02.50	-1.5		1.0s		7.25nm			4.9mb							
GBA	38.57	124	P	37	10.50	-0.5				pP	42	57.10	19km	LLA	0.18	63	iPd	35	43.24	-0.1
LSA	38.63	91	iPd	37	12.60	0.6					42	56.30	0.7							
	0.5s		6.00nm			4.6mb	RSSD	91.77	338	(P)										
ZAK	41.15	56	eP	37	33.00	1.1		1.4s		15.93nm			5.2mb							
	1.6s		11.00nm			4.3mb		S.D. = 1.2	on	110 of	146 obs.									
Z	13s		0.68um			4.7MsZ														
E	14s		0.67um																	
			e	39	07.60	518kmX														
KOD	41.17	127	eP	37	23.50	-9.4X														
GTA	41.36	73	eP	37	34.00	0.0														
	Z	20s	0.87um			4.6MsZ														
	E	10s	0.26um																	
			pP	37	42.00	27kmX	STV	0.12	170	P	32	55.91	-0.2							
BCAO	42.91	221	iPc	37	45.30	-1.5				S	32	57.92								
	0.7s		21.00nm			5.0mb	ENR	0.16	146	P	32	56.69	0.0							
			id	38	08.00	96kmX				S	32	58.97								
			ic	38	36.10					S	32	57.37	-0.1							
			ic	39	07.80		PZZ	0.20	317	P	33	00.44								
LZH	45.54	75	eP	38	08.50	0.5				S	33	00.18	0.2							
	1.4s		30.00nm			5.1mb	TOUF	0.35	186	Pg	33	00.18	0.2							
Z	19s		0.60um			4.6MsZ				Sg	33	02.54								
E	13s		0.40um				AUTN	0.37	165	Pg	33	00.29	-0.2							
			pP	38	15.00	22km				Sg	33	04.58								
BOD	46.40	44	eP	38	13.50	-0.8	SAOF	0.42	153	Pg	33	00.89	-0.2							
	0.8s		15.00nm			5.0mb				Sg	33	06.31								
CIT	47.21	52	eP	38	20.70	-0.1	ROB	0.42	98	P	33	01.37	0.2							
CD2	47.71	82	Pd	38	25.30	0.2				S	33	07.45								
	Z	16s	0.72um			4.7MsZ	AURF	0.47	177	Pg	33	01.72	-0.4							
8TO	48.30	67	eP	38	30.00	0.4	MVIF	0.47	193	Pg	33	01.07	-1.1							
	N	14s	0.50um							Sg	33	08.10								
	E	13s	0.32um				BHB	0.48	357	P	33	01.78	-0.5							
			e	38	38.00	0.7				S	33	08.28								
HHC	49.30	66	P	38	38.00	0.7	SBF	0.50	168	Pg	33	02.58	-0.1							
	1.2s		8.20nm			4.6mb	IMI	0.62	136	P	33	04.52	-0.1							
Z	24s		0.67um			4.6MsZ				S	33	12.67								
N	15s		0.79um							S	33	05.44	0.0							
E	13s		0.35um				FIN	0.67	102	P	33	05.44	0.0							
			eS	45	43.00					S	33	14.40								
KMI	49.82	89	Pd	38	42.00	0.4	CALN	0.67	206	Pg	33	05.81	0.3							
	1.5s		30.00nm			5.1mb	PCP	0.91	78	P	33	10.24	0.6							
			pP	38	46.00	13km	FRF	0.92	211	Pg	33	10.30	0.6							
XAN	50.17	76	P	38	43.00	-1.0				Sg	33	21.10								
	0.7s		8.30nm			4.8mb	LRG	1.13	217	Pg	33	13.80	0.6							
CHG	50.46	99	ePc	38	45.40	-0.9				Sg	33	28.50								
	1.0s		21.25nm			5.1mb	LMR	1.17	209	Pg	33	14.10	0.1							
TIK	50.56	24	eP	38	45.00	-1.4				Sg	33	28.50								
	1.6s		13.00nm			4.6mb				S.D. = 0.5	on	18 of	18 obs.							
			e	38	52.00	23km														
			e	40	47.00		? DEC 09, 1992	21h	35m	07.34±0.71s										
			e	46	03.00					39.379 N ±74.6km										
			e	46	09.00					28.721 E ±15.0km										
			e	46	10.00					DEPTH = 10.0km (geophysicist)										
TIY	51.16	70	eP	38	52.00	0.5	TURKEY			(366)										
	Z	18s	0.85um			4.8MsZ														
	N	15s	0.46um				DST	0.24	342	iPg	35	12.20	-0.2							
	E	13s	0.24um				KCT	0.91	342	iPn	35	25.20	0.4							
GYA	52.13	85	P	38	58.40	-0.6	BNT	1.15	328	ePn	35	29.00	0.1							
	Z	26s	0.57um			4.5MsZ	EDC	1.17	326	ePn	35	29.00	-0.2							
			pP	39	05.40	23km	YLV	1.29	23	iPn	35	31.20	-0.1							
			S	46	20.00					S.D. = 0.4	on	5 of	5 obs.							
YAK	53.09	36	eP	39	10.70	5.1X														
	1.0s		25.00nm			5.1mb	? DEC 09, 1992	22h	57m	03.32±1.83s										
			e	51	57.00					19.629 N ±21.4km										
NST	53.27	101	eP	39	13.50	6.1X				108.921 W ±41.4km										
WHN	55.87	77	P	39	26.00	-0.3				DEPTH = 10.0km (geophysicist)										
	Z	20s	0.63um			4.7MsZ				3.7mb (2 obs.)										
			sP	39	42.00		REVILLA GIGEDO ISLANDS REGION			(53)										
TIC	55.92	247	P	39	25.40	-1.4	TUC	12.74	353	eP	00	08.72	1.4							
KIC	55.92	247	P	39	25.80	-1.0				e	00	36.98								
							GLA	14.37	340	eP	00	29.24	0.3							

09d 23h

PAIG 6.11 203 eP 45 05.82 -0.3
 DST 6.15 166 eP 45 07.00 0.3
 SRO 6.22 294 iP 45 07.20 -0.4
 OHR 6.25 226 iPn 45 08.20 0.1
 0.6s 92.00nm 5.2mb X
 LIT 6.33 211 eP 44 57.62 -11.6X
 OJC 6.58 317 eP 45 12.50 0.0
 AGG 7.35 208 eP 45 23.38 0.4
 ZAG 7.56 275 eP 45 25.50 -0.1
 PTJ 7.57 276 eP 45 26.20 0.2
 KSP 8.74 311 eP 45 41.00 -0.5
 GRF 11.26 297 eP 46 15.20 0.5
 OBN 11.38 30 eP 46 11.00 -5.2X
 e 46 14.00
 iS 48 12.00
 eSS 48 17.00

LPG 14.03 277 eP 46 57.60 6.7X
 0.9s 13.25nm 4.3mb
 LPL 14.04 277 eP 46 57.00 6.1X
 0.9s 10.95nm 4.2mb
 NUR 14.99 356 eP 47 00.00 -2.4
 eS 49 38.00
 LBF 15.81 283 eP 47 14.30 1.4
 0.8s 3.35nm 3.7mb
 SSF 16.13 284 eP 47 17.90 1.2
 0.8s 4.85nm 3.9mb
 KAF 16.55 359 eP 47 20.70 -1.0
 eS 50 10.80
 NAO 17.91 334 P 47 37.10 -1.0
 0.5s 1.40nm 3.5mb
 LFF 18.31 277 eP 47 44.10 1.5
 0.5s 5.30nm 4.1mb
 LDF 18.52 289 eP 47 42.90 -1.9
 0.9s 8.70nm 4.1mb
 MFF 18.67 283 eP 47 45.80 -0.6
 0.7s 6.05nm 4.0mb
 LPF 19.15 287 eP 47 49.70 -1.7
 0.4s 2.40nm 3.9mb
 SDF 21.88 360 iP 48 20.20 1.5
 BCOA 41.63 192 iPc 51 13.80 1.3
 0.2s 8.00nm 5.0mb
 TIC 47.58 225 P 52 00.30 0.3
 KIC 47.68 225 P 52 01.20 0.4
 0.4s 5.00nm 4.6mb
 LIC 47.94 225 P 52 03.00 0.2
 0.4s 5.00nm 4.6mb
 YKA 67.91 342 eP 54 22.70 1.2
 0.4s 0.60nm 3.8mb
 S.D. = 1.1 on 51 of 58 obs.

& DEC 10, 1992 00h 02m 12.04s
 34.566 N 116.554 W
 DEPTH = 5.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS).

GSC 0.76 344 ePd 02 26.17 -1.2
 PEC 0.84 217 eP 02 27.32 -1.4
 SSK 1.01 250 iPc 02 30.46 -1.2
 eS 02 44.19
 PLM 1.24 192 eP 02 35.50 -0.1
 ISA 1.92 305 ePn 02 43.37 -2.3
 ePg 02 47.54
 eS 03 12.45
 BCH 2.97 283 ePn 03 03.61 2.8
 TNP 3.55 352 (Pn) 03 07.89 -1.2
 7 obs. associated

DEC 10, 1992 00h 52m 19.27±0.69s
 39.650 N ±10.7km 115.959 W ±5.5km
 DEPTH = 5.0km (geophysicist)
 NEVADA (37)
 ML 3.2 (GS).

KVN 1.76 251 ePn 52 50.08 -0.8
 eS 53 17.70
 TNP 1.85 213 ePn 52 52.03 -0.1
 eS 53 19.18
 DUG 2.48 76 ePn 53 00.07 -1.1
 eS 53 35.41
 BONR 2.49 228 (Pn) 53 01.05 -0.4
 ARUT 2.71 133 ePn 53 02.89 -1.5
 MRCM 2.81 226 (Pn) 53 06.51 0.6
 ePg 53 12.17
 MEMM 3.06 231 (Pn) 53 06.42 -2.7X
 MTUM 3.07 223 (Pn) 53 11.86 2.3X
 MMPM 3.15 231 (Pn) 53 11.85 1.0

MSU 3.16 110 ePn 53 09.99 -0.8
 HVU 3.22 48 ePn 53 10.99 -0.7
 DAU 3.69 77 ePn 53 19.77 1.3
 EMUT 3.97 86 ePn 53 22.22 -0.2
 SRU 4.25 96 eP 53 26.66 0.4
 PV09 5.43 100 eP 53 44.21 1.0
 PV10 5.54 101 eP 53 45.02 0.4
 PV08 5.79 98 eP 53 49.05 0.8
 S.D. = 0.9 on 15 of 17 obs.

DEC 10, 1992 01h 03m 13.58±0.49s
 35.728 N ±4.2km 116.582 W ±5.9km
 DEPTH = 5.0km (geophysicist)
 CENTRAL CALIFORNIA (39)
 ML 3.1 (GS), 3.3 (PAS).

GSC 0.46 203 iPc 03 23.64 0.8
 ISA 1.54 268 ePnc 03 41.27 -0.5
 Pg 03 43.28
 iS 04 03.62
 SSK 1.77 211 ePn 03 46.40 1.2
 eS 04 11.14
 PEC 1.89 195 ePn 03 46.74 -0.1
 Pg 03 49.60
 S 04 14.01
 MTUM 2.27 316 eP 03 52.20 -0.4
 PLM 2.38 186 ePn 03 53.89 -0.2
 Pg 03 58.68
 S 04 29.47
 TNP 2.40 348 (Pn) 03 53.83 -0.6
 ePg 03 58.49
 MRCM 2.48 322 ePn 03 55.60 0.1
 Pg 04 00.95
 Lg 04 34.96
 BONR 2.62 329 ePn 03 57.52 0.0
 Pg 04 04.11
 Lg 04 39.45
 MEMM 2.71 316 eP 04 01.85 3.3X
 BCH 2.91 260 ePn 04 02.01 0.5
 Lg 04 47.07
 GLA 3.04 151 ePn 04 01.28 -2.0
 Pg 04 12.75
 ARUT 3.25 50 ePn 04 07.00 0.5
 ePg 04 14.18
 Lg 04 55.04
 CMB 3.82 308 (Pn) 04 14.02 -0.4
 Pg 04 23.08
 MSU 4.49 50 (Pn) 04 25.14 1.1
 ePg 04 36.67
 DUG 5.36 33 ePn 04 41.62 5.3X
 Pg 04 54.88
 Lg 06 04.47
 S.D. = 0.9 on 14 of 16 obs.

? DEC 10, 1992 02h 14m 39.12±7.37s
 32.619 S ±40.2km 71.999 W ±47.9km
 DEPTH = 33.0km (normol)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.4 (SAN).

ROCH 0.90 113 iPd 14 55.74 0.1
 iS 15 05.63
 LCCH 0.93 157 iPd 14 56.37 0.6
 iS 15 06.56
 JACH 1.19 93 iP 14 59.60 0.0
 iS 15 12.87
 PEL 1.22 116 iP+ 15 00.21 0.2
 iS 15 13.30
 TACH 1.36 139 iP+ 15 01.97 -0.1
 iS 15 16.74
 LNV 1.42 160 iP 15 02.30 -0.5
 PCH 1.60 129 iP+ 15 05.52 0.0
 iS 15 22.69
 FCH 1.60 117 iPd 15 05.45 -0.3
 iS 15 22.53
 S.D. = 0.4 on 8 of 8 obs.

& DEC 10, 1992 02h 26m 27.51s
 34.971 N 116.934 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
 Felt at Borstow.

GSC 0.35 18 ePc 26 34.47 0.0
 SSK 0.98 220 iPd 26 45.98 -1.2
 eS 26 58.66

PEC 1.09 190 iPd 26 47.93 -1.1
 eS 27 02.61
 ISA 1.44 299 iPnc 26 53.38 -1.4
 PLM 1.61 178 ePnd 26 56.53 -1.0
 ePg 26 57.75
 GLA 2.59 137 ePn 27 08.17 -3.3
 MTUM 2.72 331 ePn 27 13.40 0.0
 ePg 27 18.74
 PKEM 2.81 294 (P) 27 14.20 -0.4
 MRCM 2.98 335 (Pn) 27 17.31 0.2
 TNP 3.11 356 ePn 27 17.44 -1.6
 MMPM 3.13 328 ePn 27 19.29 -0.1
 MEMM 3.14 330 ePn 27 18.93 -0.2
 BONR 3.18 340 ePn 27 18.99 -1.0
 ARUT 3.98 44 ePn 27 30.13 -1.2
 ARN 4.41 304 (Pn) 27 36.11 -1.2
 MSU 5.21 46 ePn 27 47.71 -1.1
 ePg 28 03.17

16 obs. associated

DEC 10, 1992 03h 02m 53.84±0.60s
 38.095 N ±5.5km 26.982 E ±5.6km
 DEPTH = 8.3 ±3.8 km
 AEGEAN SEA (365)
 ML 3.7 (ATH), MD 3.7 (ISK).

IZM 0.37 36 iPg 03 02.40 0.9
 CIN 1.00 119 iPg 03 13.00 0.0
 iSg 03 26.00
 PRK 1.28 334 ePb 03 17.40 -0.3
 eSb 03 37.70
 YER 1.41 132 iPg 03 18.80 -1.0
 EZN 1.80 344 iPn 03 23.60 -1.8
 DST 1.98 40 iPn 03 27.90 -0.1
 KHL 2.02 83 iPn 03 29.20 0.6
 EDC 2.35 17 iPn 03 33.00 -0.3
 BNT 2.37 18 iPn 03 32.30 -1.3
 KCT 2.40 26 iPn 03 33.30 -0.8
 ATH 2.58 268 ePn 03 38.70 2.1
 ELL 2.69 119 ePn 03 38.00 -0.3
 KSL 2.87 133 ePn 03 43.90 3.3X
 NPS 3.03 202 ePn 03 46.80 3.8X
 YLV 3.09 36 ePn 03 44.50 0.7
 CTT 3.25 20 ePn 03 45.80 -0.2
 GBZT 3.30 35 ePn 03 57.80 11.1X
 ISK 3.37 28 iPn 03 47.80 0.0
 HRT 3.43 37 ePn 03 49.50 0.9
 VLI 3.50 248 ePn 03 48.50 -1.1
 S.D. = 1.1 on 17 of 20 obs.

% DEC 10, 1992 05h 34m 55.28±1.21s
 39.218 N ±8.8km 28.641 E ±14.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

DST 0.39 359 iPg 35 02.80 -0.4
 iSg 35 08.80
 KCT 1.05 348 iS 35 15.50 0.4
 KHL 1.13 142 ePn 35 16.40 -0.1
 EDC 1.28 332 ePn 35 19.00 0.0
 YLV 1.46 22 iPn 35 21.50 -0.2
 EYL 1.78 40 ePn 35 26.80 0.4
 S.D. = 0.4 on 6 of 6 obs.

& DEC 10, 1992 05h 39m 17.98s
 59.561 N 152.827 W
 DEPTH = 95.6km
 SOUTHERN ALASKA (2)
 <AEIC>.

OPT 0.22 294 iP 39 31.30 0.9
 eS 39 40.72
 AUL 0.36 240 eP 39 32.08 -0.5
 eS 39 43.17
 AUP 0.36 237 eP 39 32.22 -0.5
 AUH 0.37 238 eP 39 32.21 -0.5
 AUW 0.38 240 eP 39 32.17 -0.5
 AUI 0.38 234 eP 39 32.18 -0.5
 eS 39 42.99
 eS 39 43.10
 INE 0.52 347 eP 39 33.05 -0.8
 ILIM 0.53 353 eP 39 32.85 -0.9
 S 39 44.90
 INW 0.53 343 eP 39 33.07 -0.8
 PDB 0.73 289 iP 39 34.59 -0.9
 eS 39 47.38

MCNL	0.86	245	eP	39	35.93	-0.9
RS1	0.90	2	eP	39	36.71	-0.8
			eS	39	51.48	
RSO	0.90	2	eP	39	36.89	-0.7
			S	39	51.32	
RS2	0.91	2	eP	39	36.69	-0.9
			eS	39	51.91	
RDW	0.92	1	eP	39	36.70	-1.0
			S	39	51.97	
REF	0.93	4	eP	39	36.94	-0.9
			eS	39	51.81	
SYI	0.98	167	eP	39	37.32	-0.8
			eS	39	52.06	
NCT	1.01	357	eP	39	37.58	-1.0
			eS	39	53.08	
BRLK	1.01	77	eP	39	37.54	-0.9
			eS	39	51.91	
DFR	1.04	4	eP	39	38.03	-0.9
			eS	39	53.52	
NKA	1.43	33	eP	39	44.09	0.6
SLKM	1.62	53	eP	39	44.52	-1.4
			eS	40	05.19	
CKL	1.66	8	iP	39	45.82	-0.7
			eS	40	07.32	
SPU	1.67	13	iP	39	45.73	-0.9
CKT	1.67	10	eP	39	45.81	-0.9
CKN	1.70	11	eP	39	46.18	-0.8
BGL	1.72	7	eP	39	46.74	-0.6
CP2	1.73	9	iP	39	47.02	-0.6
SEW	1.79	71	eP	39	46.80	-1.3
			eS	40	08.17	
CGLM	1.80	13	eP	39	47.49	-0.9
NCG	1.88	10	eP	39	48.68	-0.7
MPA	1.97	60	eP	39	49.33	-1.2
SVW	2.08	319	eP	39	50.85	-1.2
SUA	2.17	27	eP	39	52.75	-0.5
PTE	2.31	54	eP	39	53.41	-1.5
PMS	2.34	42	eP	39	54.25	-1.3
SKT	2.51	14	eP	39	56.44	-1.3
LTJ	2.56	77	eP	39	56.91	-1.5
KNIM	2.68	71	eP	39	57.78	-2.3
PLRM	2.74	40	eP	39	59.25	-1.5
KNK	2.85	47	eP	40	00.31	-2.1
SML	3.16	43	eP	40	04.86	-1.8
FID	3.39	67	eP	40	06.43	-3.3
VLZ	3.59	61	eP	40	10.53	-2.0

44 obs. associated

& DEC 10, 1992 07h 49m 54.62s
62.493 N 151.065 W
DEPTH = 85.2km
3.2mb (1 obs.)
CENTRAL ALASKA (1)
<AEIC>.

CUT	0.38	103	eP	50	07.53	-0.6
			eS	50	17.45	
SKT	0.56	203	iPd	50	08.94	-0.7
			eS	50	20.06	
			eS	50	20.29	
HUR	0.82	53	iPc	50	11.33	-0.9
			eS	50	23.99	
PWA	1.01	146	P	50	13.80	-0.6
TRF	1.03	20	iPc	50	13.92	-0.8
SUA	1.04	171	iPd	50	14.32	-0.6
			eS	50	30.41	
KTH	1.07	3	iPd	50	14.22	-0.9
			eS	50	28.66	
NCG	1.21	206	iPd	50	16.03	-0.9
			eS	50	32.66	
GHO	1.24	125	P	50	17.00	-0.3
CGLM	1.27	201	iPd	50	16.69	-1.0
PLRM	1.28	134	iPc	50	17.11	-0.6
PMR	1.28	134	ePc	50	16.72	-1.0
CRP	1.33	203	ePd	50	17.16	-1.4
CP2	1.35	205	iPd	50	17.86	-1.0
RND	1.36	47	iPc	50	17.80	-1.1
			eS	50	35.65	
CKN	1.38	203	iPd	50	18.55	-0.5
BGL	1.38	208	eP	50	18.31	-0.8
SPU	1.40	200	iPd	50	18.31	-1.0
			eS	50	37.92	
CKT	1.41	203	iPd	50	18.57	-0.8
CKL	1.43	205	iPd	50	19.13	-0.7
PMS	1.44	150	P	50	19.20	-0.6
SML	1.46	117	ePc	50	19.34	-0.7
MCK	1.58	37	iPc	50	20.62	-1.0

KNK	1.64	130	iPc	50	39.79	-0.7
NKA	1.76	183	eP	50	25.67	1.7
SCM	1.87	109	iPc	50	24.44	-1.2
PTE	1.90	148	iPc	50	24.56	-1.3
RDT	2.03	199	eP	50	27.46	-0.2
SLKM	2.03	168	eP	50	27.10	-0.6
DFR	2.06	203	iPc	50	27.57	-0.5
NCT	2.13	206	eP	50	28.97	-0.2
RDN	2.15	203	eP	50	28.88	-0.4
REF	2.16	202	iPc	50	29.24	-0.3
MPA	2.17	157	iPc	50	28.18	-1.3
RDW	2.18	203	eP	50	29.33	-0.6
RS2	2.19	202	ePc	50	29.64	-0.4
RSO	2.19	202	ePc	50	29.69	-0.3
RS1	2.20	202	eP	50	29.48	-0.6
RED	2.24	202	eP	50	30.16	-0.4
NEA	2.27	22	iPc	50	29.02	-1.9
TOA	2.32	98	P	50	31.00	-0.6
TTA	2.32	283	iPc	50	29.74	-1.9
WRH	2.39	33	iPc	50	30.82	-1.7
GLI	2.49	129	eP	50	32.27	-1.6
SEW	2.52	161	eP	50	33.60	-0.7
MLY	2.55	3	ePc	50	33.32	-1.5
SDG	2.56	87	iPc	50	34.05	-0.8
SVW	2.57	239	eP	50	33.41	-1.6
ILIM	2.59	202	eP	50	35.00	-0.3
THY	2.60	67	eP	50	35.90	0.5
CCB	2.61	33	iPc	50	33.64	-1.8
PAX	2.62	77	eP	50	34.91	-0.9
INE	2.62	202	eP	50	35.50	-0.4
VLZ	2.63	119	iPc	50	33.38	-2.4
HDA	2.66	42	iPc	50	34.69	-1.6
TZL	2.68	97	ePc	50	35.59	-0.8
KNIM	2.68	142	iPc	50	33.62	-2.9
BRLK	2.74	178	eP	50	37.83	0.5
MDM	2.78	26	iPc	50	36.25	-1.6
FID	2.80	127	iPc	50	36.13	-2.0
FBA	2.82	30	iPc	50	36.44	-2.0
LTJ	2.91	146	ePc	50	36.96	-2.7
GLM	2.99	32	iPc	50	39.06	-1.7
MTU	3.01	145	P	50	38.50	-2.5
HIN	3.04	132	ePc	50	39.16	-2.3
OPT	3.04	201	eP	50	41.70	0.3
PDB	3.11	211	eP	50	41.68	-0.7
CVA	3.21	125	ePc	50	41.43	-2.3
AUL	3.33	201	P	50	47.50	2.1
AUE	3.34	201	P	50	48.20	2.6
AUP	3.35	201	P	50	47.70	2.0
AUW	3.35	202	P	50	48.20	2.5
AUH	3.35	201	P	50	47.70	1.9
AUI	3.37	201	P	50	48.50	2.5
DOT	3.39	67	eP	50	44.74	-1.6
GLB	3.58	104	iPd	50	46.97	-2.1
MCNL	3.68	207	eP	50	49.96	-0.4
RAGM	3.73	122	eP	50	48.57	-2.4
JMA	3.77	344	eP	50	49.56	-2.1
TMW	3.78	74	eP	50	50.25	-1.5
MID	3.84	141	P	50	52.20	-0.3
PRP	3.89	36	ePc	50	51.48	-1.9
HMT	3.92	120	eP	50	50.72	-2.9
SYI	3.95	190	eP	50	53.48	-0.6
KAIM	4.12	126	eP	50	54.15	-2.3
CROM	4.16	111	eP	50	54.74	-2.5
BALM	4.39	106	eP	50	57.48	-2.9
SNH	4.59	117	eP	51	01.26	-1.8
FYU	4.80	29	eP	51	03.50	-2.4
KDC	4.81	189	eP	51	06.22	0.2
CTGM	4.88	104	iPd	51	04.73	-2.4
YAH	4.96	111	eP	51	05.24	-3.1
YKA	16.70	74	eP	53	47.40	3.1

93 obs. associated

DEC 10, 1992 08h 41m 56.47 ± 1.07s
31.729 S ± 10.1km 69.295 W ± 6.9km
DEPTH = 127.5 ± 12.4 km
SAN JUAN PROVINCE, ARGENTINA (137)
MD 3.9 (SAN).

RTCB	0.49	60	eP	42	15.20	-0.3
RTCV	0.66	102	iP	42	16.50	-0.1
RTLL	0.81	61	iPc	42	17.50	-0.3
			S	42	30.00	
CFA	0.91	83	ePd	42	18.80	0.2
			S	42	33.40	
MDZ	1.21	162	iP	42	21.20	-0.4

JACH	1.45	229	iPd	42	24.82	0.5
			iS	42	45.73	
FCH	1.80	208	iPd	42	29.91	1.2
			iS	42	54.74	
PEL	1.84	219	iP+	42	29.09	0.3
			iS	42	52.97	
ROCH	1.91	229	iPd	42	29.71	-0.2
			iS	42	54.45	
PCH	2.15	208	eP	42	33.29	0.6
			iS	43	01.22	
TACH	2.37	215	iP	42	35.42	0.0
LCCH	2.59	227	iP	42	37.86	-0.4
RTPR	2.78	60	e(P)c	42	41.20	0.5
LVN	2.85	218	iPd	42	40.35	-1.2
			iS	43	13.82	
RFA	3.11	167	iPc	42	44.80	-0.4
			(S)	43	20.50	
MRA	3.12	104	ePc	42	45.80	0.6
			S	43	20.00	
TCA	4.04	86	iP	42	57.10	-0.5
			(S)	43	41.00	

S.D. = 0.6 on 17 of 17 obs.

% DEC 10, 1992 09h 02m 19.97 ± 0.81s
31.459 S ± 10.8km 67.900 W ± 6.3km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.33	243	ePc	02	26.90	0.2
			S	02	31.70	
RTLL	0.50	285	eP	02	30.50	0.3
			S	02	39.20	
RTCV	0.68	233	iP	02	32.90	-0.5
			(S)	02	42.50	
RTPR	1.66	46	e(P)d	02	48.90	-0.3
			S	03	10.00	
MRA	2.09	118	ePc	02	55.80	0.3
			S	03	23.40	

S.D. = 0.5 on 5 of 5 obs.

DEC 10, 1992 10h 17m 59.66 ± 0.42s
38.023 N ± 4.4km 26.818 E ± 3.9km
DEPTH = 10.0km (geophysicist)
4.1mb (3 obs.)
AEGEAN SEA (365)
ML 3.8 (ATH). MD 4.0 (ISK).

IZM	0.51	43	iPn	18	09.50	-0.6
PRK	1.29	341	ePn	18	25.00	1.4
EZN	1.84	348	iPn	18	32.00	0.5
DST	2.12	41	iPn	18	36.00	0.3
KHL	2.15	81	ePn	18	36.50	0.3
ATH	2.45	270	ePn	18	40.50	0.2
BNT	2.48	20	iPn	18	40.30	-0.5
KCT	2.52	28	iPn	18	40.90	-0.5
ELL	2.77	116	ePn	18	46.00	1.0
ALT	2.78	67	ePn	18	44.70	-0.4
KSL	2.92	130	ePn	18	50.00	3.1X
NPS	2.92	200	ePn	18	47.80	0.8
ALN	2.93	348	iPn	18	48.00	0.9
			eSn	19	29.50	
BCK	3.04	99	iPn	18	49.50	0.7
PAIG	3.10	309	ePn	18	48.50	-1.0
			eSn	19	32.00	
YLV	3.22	37	ePn	18	51.30	0.0
VLI	3.35	248	ePn	18	54.30	1.1
GBZT	3.43	36	ePn	19	05.00	10.8X
			eSg	19	51.00	
ISK	3.50	29	ePn	18	55.10	0.0
ITU	3.52	28	eP	19	00.00	4.6X
			iSg	19	59.00	
AGG	3.66	287	ePn	18	55.00	-2.5
KDZ	3.78	344	iPc	19	00.00	0.8
DMK	3.86	10	iPn	18	59.80	-0.6
SOH	3.87	317	ePn	18	59.16	-1.4
LIT	3.96	303	ePn	19	01.00	-0.7
SRS	3.97	322	ePn	19	01.50	-0.4
			eSn	19	51.92	
RZN	4.00	337	iPc	19	03.00	0.5
DIM	4.14	347	eP	19	05.00	0.7
MMB	4.28	327	iP	19	07.00	0.6
KNT	4.36	317	ePn	19	06.50	-0.9
			eSn	20	01.50	
PLD	4.39	339	eP	19	09.00	1.2
JMB	4.44	358	eP	19	08.00	-0.6
GRG	4.50	312	ePn	19	08.52	-0.9

10d 10h

KZN	4.54	302	ePb	19	17.20	7.2X	PGZ	16.33	187	eP	58	00.50	0.2	MEEK	54.05	254	eP	03	13.00	-1.6
VAY	4.65	316	iPn	19	13.50	2.0	MNG	16.43	189	eP	58	00.10	-1.3		0.4s	11.00nm			4.5mb	
KKB	4.79	324	eP	19	11.00	-2.6	KIW	16.76	191	eP	58	04.30	-0.3	RKG	54.13	244	iPd	03	14.60	-0.4
PGB	4.96	337	iP	19	16.00	0.1	DIW	16.89	193	eP	58	06.40	0.5		0.4s	8.00nm			4.4mb	
PVL	5.31	348	eP	19	20.00	-0.9	MTW	16.96	189	eP	58	05.40	-1.1	MBL	54.26	261	eP	03	05.00	-11.0X
VTS	5.33	350	iPc	19	22.00	0.6	CAW	16.97	190	eP	58	06.10	-0.6		0.4s	48.00nm				
OHR	5.58	305	ePn	19	27.50	2.7	MRW	17.16	191	eP	58	08.60	0.2	NANU	57.74	258	iPd	03	39.70	-0.3
SKO	5.71	315	iPn	19	28.50	1.9				S	01	00.70		SPA	65.74	180	iPc	04	32.80	1.2
CSS	6.07	118	eP	19	31.00	-0.6	TCW	17.21	192	eP	58	09.90	0.9		1.0s	42.50nm			5.0mb	
KAS	6.32	56	ePn	19	58.50	23.3X	QRZ	17.24	197	P	58	11.30	2.1	MAT	71.78	326	eP	05	04.00	-3.8X
CMP	7.36	350	ePc	20	20.00	30.2X				S	01	06.50			0.7s	8.22nm			4.4mb	
VRI	7.84	360	eP	20	01.50	5.0X	MOW	17.25	189	eP	58	08.80	-0.6	BCH	82.71	46	eP	06	07.36	0.4
KHC	14.65	324	eP	21	37.50	8.8X	THZ	18.03	195	P	58	17.90	0.9	ARN	83.08	44	eP	06	09.55	0.9
	0.9s	5.30nm				4.1mb			eS	01	15.10		ORV	84.45	42	(P)	06	15.56	0.2	
BCAO	34.28	195	iPc	24	48.10	0.0	DSZ	18.29	197	eP	58	20.50	1.0	GSC	84.97	48	eP	06	18.67	0.6
	0.5s	6.00nm				4.8mb	KHZ	18.52	193	eP	58	21.40	-0.2	TNP	86.27	45	eP	06	24.72	0.3
TIC	42.52	231	P	25	57.60	0.6	LTZ	19.15	195	P	58	26.80	-0.9		1.2s	25.68nm			4.8mb	
LIC	42.86	230	P	25	57.90	-1.8	MOZ	19.94	194	eP	58	34.60	-0.4	TUC	87.58	53	eP	06	32.34	1.8
YKA	75.13	343	eP	29	41.10	-2.2	LMZ	20.84	200	eP	58	41.20	-2.2		1.3s	37.24nm			5.0mb	
	0.8s	0.40nm				3.5mb	LRCZ	22.04	198	eP	58	53.30	-1.3	BGL	88.45	13	eP	06	32.31	-1.7
S.D. = 1.2 an 42 af 50 obs.							MMCZ	22.05	199	eP	58	52.50	-2.1	ARUT	88.59	47	eP	06	35.89	0.6
? DEC 10, 1992 11h 23m 01.70 ± 2.18s							MSCZ	22.05	198	eP	58	53.50	-1.0	MSU	89.82	47	eP	06	41.20	0.2
5.681 S ± 19.0km 146.594 E ± 19.3km							MHZ	22.06	198	eP	58	53.50	-1.1	HVU	91.16	44	eP	06	47.37	0.4
DEPTH = 57.7 ± 23.3 km							SBCZ	22.08	198	eP	58	53.60	-1.2	SRU	91.24	47	eP	06	47.46	0.0
4.1mb (1 obs.)							LSCZ	22.08	198	eP	58	53.60	-1.2	PV09	91.87	48	eP	06	50.24	-0.2
EASTERN NEW GUINEA REG., P.N.G. (207)							CMCZ	22.14	198	eP	58	54.00	-1.4	PV10	91.87	48	P	06	50.51	0.1
							TLC	22.24	199	eP	58	55.90	-0.4	PV08	92.24	48	eP	06	52.30	0.1
YYYY	0.83	228	iPd	23	17.80	0.0	TUZ	22.78	197	eP	59	01.20	0.2	IMA	92.57	11	eP	06	52.21	-0.7
MDG	0.92	298	iPc	23	18.60	-0.1	BCZ	23.35	200	eP	59	07.10	1.0		1.4s	6.12nm			4.5mb	
LAT	1.06	157	iPd	23	20.80	0.2	SIZ	24.04	198	eP	59	13.60	1.2	FBA	92.66	14	eP	06	50.91	-2.2
PMG	3.74	171	eP	23	58.00	-0.3	ARMA	24.96	250	iPd	59	22.90	2.0		1.3s	11.10nm			4.8mb	
W82	18.51	219	iPd	27	15.90	0.1		0.3s	15.00nm				5.1mb	YKA	101.22	26	ePdiff	07	31.70	-0.2
	0.2s	2.70nm				4.1mb	RMO	27.32	259	iPc	59	43.10	1.5		0.6s	0.30nm			4.0mb X	
S.D. = 0.4 an 5 af 5 obs.							CNB	0.7s	61.00nm				5.3mb	LMN	125.14	50	ePKP	12	41.00	1.9
& DEC 10, 1992 12h 20m 26.03s								27.78	240	iPc	59	47.10	1.5	KAF	138.02	341	ePKP	12	51.20	-11.8X
34.269 N 116.905 W							CAN	0.9s	61.00nm				5.2mb		0.2s	0.40nm				
DEPTH = 7.7km								28.07	240	iPc	59	49.20	1.1	NUR	139.78	341	ePKP	12	57.80	-8.4X
SOUTHERN CALIFORNIA (43)							BWA		e				0.09.30	NAO	142.68	350	PKP	13	07.60	-3.8X
<PAS-P>. ML 2.7 (PAS).								28.32	242	eP	59	49.30	-1.0		0.5s	6.80nm				
PEC	0.43	210	iPd	20	34.05	-0.7	AFR		e				0.08.90	KAS	146.50	309	ePKP	13	21.00	2.6X
SSK	0.66	265	iPc	20	38.25	-1.1		29.94	83	eP	00	04.00	-0.3	HRI	146.73	294	ePKP	13	22.00	2.9X
PLM	0.91	178	iPd	20	42.86	-1.0		1.1s	107.90nm				5.3mb	ZNT	147.41	292	ePKP	13	23.90	3.8X
GSC	1.03	5	ePc	20	45.05	-0.8	CMS	30.02	249	eP	00	05.00	0.0	SAGI	147.84	288	ePKP	13	24.80	3.9X
			eS	21	00.35			0.2s	31.00nm				5.5mb	EDU	147.85	2	ePKP	13	23.90	3.9X
GLA	2.12	124	ePn	21	00.89	-1.3	PAE		i				01.15.60	ELO	147.91	3	ePKP	13	23.20	3.1X
			ePg	21	05.68								00.05.20	EAB	148.16	3	ePKP	13	24.10	3.6X
			eS	21	32.88		PPT						0.9s		19.00nm					
5 abs. associated								30.11	83	eP	00	05.70	-0.1	ESY	148.50	2	ePKP	13	24.90	3.9X
DEC 10, 1992 13h 54m 37.71 ± 0.50s								1.2s	258.20nm				5.7mb		1.1s	29.00nm				
24.402 S ± 4.4km 178.955 E ± 4.5km							Z	26s	450.00um				7.0mszX	EBL	148.63	2	ePKP	13	25.10	3.9X
DEPTH = 528.7 ± 7.0 km							PPN	30.25	83	eP	00	06.80	-0.2		1.1s	23.00nm				
5.2mb (26 obs.)							CTA	30.53	272	P	00	10.50	1.1	EKA	149.06	2	PKPc	13	26.20	4.3X
SOUTH OF FIJI ISLANDS (171)							QLP	31.36	259	eP	00	16.50	0.1		0.5s	6.30nm				
CENTROID, MOMENT TENSOR (HRV)							TOO	31.38	237	iPd	00	17.20	0.7	OJC	149.56	333	ePKP	13	27.60	4.8X
Data Used: GDSN								0.4s	69.00nm				5.6mb			i			13 28.60	
L.P.B.: 18S, 24C							PMO	32.51	80	eP	00	26.00	-0.1	MLR	149.71	321	ePKP	13	28.00	4.6X
Centroid Location:								1.0s	68.80nm				5.2mb	KSP	150.40	338	iPKPc	13	30.50	6.4X
Origin Time 13:54:43.2 0.7							TPT	32.76	80	eP	00	28.30	0.1	CLL	151.04	342	iPKP	13	30.70	5.7X
Lat 24.28S 0.07 Lon 178.73E 0.07								1.2s	231.50nm				5.6mb		1.1s	50.00nm				
Dep 542.0 4.1 Half-duration 1.2							RUV	32.90	80	eP	00	29.40	0.0			i			13 41.00	
Moment Tensor: Scale 10**16 Nm							BFD	1.4s	211.70nm				5.5mb	BRG	151.14	340	ePKP	13	25.40	0.2
Mrr=-6.41 0.51 Mtt= 2.71 0.84								33.57	239	eP	00	35.10	0.3		0.8s	40.00nm				
Mff= 3.70 0.95 Mrt=-3.41 0.83							STK		eS				4.5mb			i			13 31.60	
Mrf= 8.74 0.75 Mtf=-1.87 0.59								0.4s	6.00nm				0.4			i			13 41.80	
Principal Axes:								0.5s	62.70nm				5.5mb			ipPKP			15 40.80	
T Val= 10.25 Plg=29 Azm=242							PMG		iS				0.7	PRU	151.72	339	ePKP	13	32.70	6.7X
N 1.50 5 335								33.77	291	eP	00	36.00	-0.7			e			13 44.00	
P -11.75 60 73							ADE		eScP				0.7	MOX	152.02	343	ePKP	13	33.90	7.4X
Best Double Couple: Ma=1.1*10**17							OIS						0.7			e			13 46.00	
NP1:Strike=318 Dip=16 Slip=-108							MDG						0.7			e			15 42.90	
NP2: 156 74 -85							ASPA						0.7			ic			13 36.80	
								0.3s	151.80nm				6.0mb	KHC	152.78	339	ePKP	13	34.80	7.2X
SVA	6.27	356	iPc	56	17.90	-0.8	WB2		eS				0.7			ic			13 49.10	
DZM	11.73	279	iPc	57	16.00	1.6		41.41	267	iPd	01	38.00	-1.3	GEC2	152.98	338	PKP	13	27.70	-0.3
			iS	59	28.00			0.4s	210.80nm				6.0mb		0.7s	0.70nm				
WCZ	12.17	198	P	57	22.20	3.6X			iScP				0.7						S.D. = 1.0 an 87 of 111 abs.	
WLZ	13.73	191	eP	57	36.50	2.0			eS				0.7							
URZ	13.90	186	P	57	35.10	-1.2	FORT	45.24	250	eP	02	08.50	-0.7	? DEC 10, 1992 14h 27m 38.65 ± 6.73s						
NOZ	14.19	183	P	57	39.00	-0.2	MTN	46.55	275	eP	02	18.00	-1.3	39.596 N ± 13.7km 26.033 E ± 62.4km						
MOZ	14.50	193	P	57	45.00	2.8	KNA	47.71	271	iPc	02	28.20	0.0	DEPTH = 10.0km (geophysicist)						
NRZ	15.49	195	P	57	56.00	3.9X		0.2s	39.00nm				5.6mb	TURKEY						

ISg 27 51.10
 IZM 1.53 141 ePn 28 06.00 -0.1
 EDC 1.59 61 ePn 28 07.00 0.0
 BNT 1.64 62 ePn 28 08.20 0.6
 KCT 1.90 69 ePn 28 11.20 -0.3
 DST 2.01 89 ePn 28 13.00 0.0
 S.D. = 0.4 on 6 of 6 obs.

% DEC 10, 1992 14h 29m 04.88 ± 1.90s
 39.613 N ± 7.7km 26.270 E ± 18.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.1 (ISK).

EZN 0.22 11 ePg 29 09.10 -0.5
 EDC 1.43 59 ePn 29 31.00 0.2
 IZM 1.44 147 ePn 29 31.10 0.1
 BNT 1.47 59 ePn 29 31.70 0.3
 KCT 1.73 68 ePn 29 35.20 0.1
 DST 1.82 89 ePn 29 36.00 -0.5
 DMK 2.48 27 ePn 29 46.30 0.4
 S.D. = 0.4 on 7 of 7 obs.

% DEC 10, 1992 14h 38m 06.84 ± 2.52s
 40.615 N ± 23.2km 23.049 E ± 8.3km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.07 285 ePg 38 08.96 -0.2
 SOH 0.31 48 ePg 38 13.16 -0.2
 KNT 0.56 348 ePg 38 17.88 -0.1
 GRG 0.60 305 ePg 38 19.16 0.2
 SRS 0.65 39 ePg 38 20.04 0.2
 ISg 38 29.00
 S.D. = 0.3 on 5 of 5 obs.

DEC 10, 1992 15h 35m 49.83 ± 0.59s
 31.744 S ± 7.3km 67.517 W ± 5.6km
 DEPTH = 10.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.63 282 iPc 36 01.90 -0.6
 S 36 09.60
 RTLL 0.91 297 iPc 36 06.80 -0.5
 ZON 1.01 281 eP 36 08.10 -0.9
 ES 36 23.10
 MDZ 1.60 224 iPd 36 19.40 1.1
 IS 36 40.60
 MRA 1.67 114 ePd 36 19.40 0.1
 RTPR 1.68 31 ePd 36 20.30 1.0
 (S) 36 41.00
 TCA 2.53 82 iP 36 31.10 -0.6
 (S) 36 51.00
 JACH 2.77 249 iPd 36 36.58 1.4
 PEL 3.02 242 eP 36 39.91 1.3
 RFA 3.12 195 e(P) 36 38.00 -2.1
 (S) 37 23.00
 PCH 3.14 233 eP 36 42.66 2.2
 IS 37 25.27
 ROCH 3.20 247 iPd 36 41.32 0.0
 IS 37 21.85
 TACH 3.46 236 iP+ 36 44.64 -0.1
 CYA 3.61 25 eP 36 47.00 0.0
 LCCH 3.83 242 iP+ 36 48.76 -1.4
 LNV 3.95 235 iP+ 36 50.90 -0.8
 S.D. = 1.2 on 16 of 16 obs.

% DEC 10, 1992 15h 55m 03.16 ± 1.39s
 39.152 N ± 9.7km 0.636 W ± 18.1km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 2.6 (MDD).

ECHE 0.51 330 ePg 55 12.60 -0.9
 ESg 55 21.90
 ACU 0.66 165 ePg 55 16.20 -0.2
 ESg 55 25.40
 EVIA 1.54 251 ePn 55 31.00 0.1
 ESn 55 51.00
 ETOR 1.99 327 ePn 55 38.50 1.2
 ESn 56 03.50
 GUD 3.09 300 ePn 55 52.70 -0.3
 ESn 56 28.40

S.D. = 1.1 on 5 of 5 obs.

DEC 10, 1992 16h 54m 29.51 ± 0.51s
 39.558 N ± 5.5km 26.243 E ± 3.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.3 (ISK).

EZN 0.27 13 iPg 54 35.30 0.0
 ESg 54 39.30
 ALN 1.35 354 ePb 54 53.34 -0.9
 ISb 55 11.98
 IZM 1.41 145 ePn 54 55.10 -0.1
 EDC 1.47 57 ePn 54 56.00 -0.1
 BNT 1.52 58 iPn 54 57.00 0.3
 KCT 1.77 66 iPn 55 00.70 0.4
 DST 1.84 88 ePn 55 00.70 -0.8
 PAIG 2.01 281 ePn 55 04.42 0.6
 ESn 55 31.50
 CTT 2.30 46 ePn 55 08.20 0.1
 DMK 2.54 27 ePn 55 12.00 0.6
 SOH 2.55 301 ePn 55 12.10 0.5
 ISn 55 46.18
 SRS 2.56 308 ePn 55 11.02 -0.6
 ISn 55 47.22
 YLV 2.60 66 ePn 55 12.50 0.0
 HRT 2.91 63 ePn 55 17.00 0.2
 KNT 3.02 303 ePn 55 18.00 -0.2
 ESn 55 57.50

S.D. = 0.5 on 15 of 15 obs.

DEC 10, 1992 16h 57m 21.66 ± 0.85s
 39.270 N ± 7.2km 28.828 E ± 6.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

DST 0.37 335 iPg 57 27.70 -1.6
 ALT 1.02 102 ePn 57 40.00 -1.0
 KCT 1.04 340 iPn 57 41.20 -0.1
 ISg 57 56.70
 BNT 1.29 327 iPn 57 46.00 0.4
 EDC 1.31 326 iPn 57 45.70 -0.1
 YLV 1.36 18 iPn 57 46.20 -0.5
 IZM 1.50 235 ePn 57 49.10 0.4
 GBZT 1.59 17 ePn 57 51.30 1.4
 ESg 58 13.00
 EYL 1.65 38 ePn 57 51.60 0.7
 HRT 1.68 22 iPn 57 51.40 0.2
 CTT 1.90 351 ePn 57 54.50 0.1
 S.D. = 0.9 on 11 of 11 obs.

* DEC 10, 1992 17h 43m 27.39 ± 0.86s
 51.558 N ± 6.3km 6.784 E ± 15.6km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)

WTS 0.44 2 iPg 43 36.30 0.0
 0.7s 42.00nm
 ENN 0.96 215 iPg 43 45.80 0.2
 0.3s 25.00nm
 ESg 44 01.00
 MEM 1.07 208 iPc 43 47.35 -0.1
 IS 44 03.55
 ABH 1.75 164 ePn 43 58.17 0.2
 RUP 1.87 174 ePn 43 59.50 -0.2
 S.D. = 0.3 on 5 of 5 obs.

* DEC 10, 1992 17h 48m 07.32 ± 1.79s
 51.620 N ± 9.3km 7.408 E ± 16.8km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)

WTS 0.53 316 iPg 48 18.00 0.0
 ENN 1.27 228 ePg 48 31.00 0.2
 0.4s 6.00nm
 ESg 48 49.50
 MEM 1.34 222 iPd 48 31.93 -0.1
 IS 48 51.18
 ABH 1.74 177 ePn 48 38.29 0.5
 RUP 1.93 187 ePn 48 40.07 -0.5
 S.D. = 0.5 on 5 of 5 obs.

DEC 10, 1992 18h 03m 36.40 ± 1.13s
 6.130 N ± 6.4km 82.522 W ± 5.6km
 DEPTH = 14.8 ± 6.2 km
 4.9mb (28 obs.) 4.4Msz (13 obs.)

SOUTH OF PANAMA

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DVD 2.29 2 eP 04 12.49 -1.7
 BRU 2.66 359 ePc 04 15.98 -3.9X
 UPA 4.10 46 iP 04 40.75 0.9
 ES 05 28.45
 e 05 28.54
 ECO 4.26 41 iP 04 42.09 -0.2
 BOG 8.55 100 eP 05 48.00 5.1X
 ES 07 21.00
 OXX 17.65 309 (P) 07 46.00 2.4
 NNA 18.86 163 eP 07 58.00 -0.5
 0.9s 9.24nm 4.0mb
 ACX 20.04 304 (P) 08 11.50 -0.4
 PPM 20.28 311 (P) 08 16.50 1.5
 III 20.52 308 (P) 08 21.00 3.8X
 TPM 20.56 310 (P) 08 18.00 0.5
 UNM 20.86 311 (P) 08 21.00 0.3
 MRX 22.62 308 (P) 08 41.00 3.0X
 CGX 24.42 305 (P) 08 58.00 2.2
 ZOBO 26.44 148 P 09 17.00 1.6
 Z 24s 1.79um 4.5MszX
 S 14 00.00
 LR 17 28.00
 LPB 26.66 148 eP 09 16.00 -1.1
 Z 20s 3.19um 4.9Msz
 LR 17 08.00
 CNCB 26.95 148 eP 09 18.00 -2.0
 CEH 29.79 6 P 09 50.00 5.2X
 Z 19s 0.46um 4.1Msz
 UYO 30.01 340 iPc 09 44.90 -1.9
 MEO 32.14 335 iPc 10 03.30 -2.3
 WMOK 32.19 334 eP 10 03.76 -2.2
 0.7s 11.97nm 4.9mb
 Z 20s 0.96um 4.5Msz
 ACO 34.01 336 iPd 10 20.10 -1.8
 ALO 36.18 326 eP 10 40.89 0.3
 0.9s 39.67nm 5.3mb
 Z 21s 0.74um 4.4Msz
 TUC 37.05 318 eP 10 48.12 0.3
 0.9s 19.29nm 4.9mb
 Z 20s 1.27um 4.7Msz
 HRV 37.51 13 P 11 00.00 8.6X
 Z 20s 0.60um 4.4Msz
 RSNY 38.90 9 (P) 11 02.74 -0.4
 0.8s 18.31nm 4.8mb
 Z 22s 0.36um 4.2Msz
 GLD 39.21 332 eP 11 06.87 0.9
 1.1s 6.63nm 4.2mb
 GOL 39.25 332 eP 11 06.19 -0.2
 0.8s 47.94nm 5.2mb
 Z 19s 0.46um 4.3Msz
 PV08 40.04 328 eP 11 13.71 0.7
 PV10 40.10 327 eP 11 12.84 -0.6
 PV09 40.24 327 eP 11 14.48 -0.2
 EEO 40.47 4 ePc 11 18.00 2.0
 MDZ 40.92 162 eP 11 26.00 6.1X
 SRU 41.44 326 eP 11 23.93 -0.4
 MSU 41.95 325 eP 11 29.33 0.7
 EMUT 42.09 327 eP 11 29.85 0.1
 ARUT 42.22 323 eP 11 31.47 0.7
 RSSD 42.28 337 eP 11 31.41 0.2
 0.8s 34.60nm 5.1mb
 Z 21s 0.31um 4.2Msz
 ePcP 13 23.76
 PEC 42.32 315 eP 11 32.00 0.5
 1.0s 8.48nm 4.4mb
 LMN 42.45 18 eP 11 36.50 4.2X
 DAU 42.76 327 eP 11 35.25 0.0
 GSC 42.86 317 eP 11 36.50 0.6
 DUG 43.46 326 eP 11 41.40 0.6
 0.9s 7.52nm 4.5mb
 ePcP 13 28.15
 8W06 43.62 331 eP 11 41.87 -0.3
 1.3s 56.90nm 5.2mb
 ePcP 13 27.86
 ISA 44.19 317 eP 11 46.75 0.1
 0.8s 9.84nm 4.7mb
 Z 21s 0.70um 4.6Msz
 HVU 44.53 327 eP 11 49.16 -0.3
 SCH 45.05 315 eP 11 53.48 -0.2
 ULM 45.38 348 eP 11 56.50 0.6
 MMPM 45.64 319 eP 11 58.73 0.2
 CMB 46.77 318 P 12 20.00 12.9X
 Z 21s 0.43um 4.4Msz
 LRM 47.28 332 ePc 12 10.90 -0.4
 JAO 47.85 5 eP 12 13.00 -2.4

10d 18h

SES 50.16 337 ePc 12 32.50 -0.8
1.5s 128.00nm 5.7mb
pP 12 41.00 28kmX
VGB 51.36 326 eP 12 42.21 -0.3
DPW 51.52 330 eP 12 43.15 -0.5
LON 52.68 327 eP 12 51.55 -0.9
FCC 53.26 353 eP 12 58.00 1.6
GMW 53.70 327 eP 12 58.61 -1.3
YKA 60.98 344 eP 13 49.50 -1.6
0.8s 15.70nm 5.2mb
SIT 65.34 331 P 14 30.00 10.1X
Z 19s 0.60um 4.8Msz
RES 68.88 356 eP 14 41.50 -0.6
FBA 74.14 336 eP 15 12.21 -1.5
0.7s 3.42nm 4.5mb
IMA 76.83 337 eP 15 27.87 -1.4
0.9s 3.44nm 4.4mb
TIC 76.94 85 PKP 15 31.00 0.3
LIC 76.97 85 PKP 15 31.40 0.6
KIC 77.24 85 PKP 15 32.10 -0.2
LPF 79.78 42 eP 15 45.90 0.4
1.4s 40.95nm 5.2mb
GRR 79.91 42 eP 15 46.70 0.5
1.0s 29.40nm 5.2mb
FLN 80.17 42 eP 15 48.10 0.5
1.0s 20.60nm 5.1mb
Z 21s 0.25um 4.5Msz
MFF 80.34 44 eP 15 49.10 0.5
1.0s 20.00nm 5.1mb
LDF 80.41 42 eP 15 49.40 0.5
1.0s 23.40nm 5.1mb
EPF 80.64 48 eP 15 51.40 1.1
TCF 81.97 44 eP 15 57.40 0.2
BGF 82.40 44 eP 15 59.70 0.3
0.9s 11.95nm 5.0mb
SSF 82.85 43 eP 16 01.70 0.0
1.2s 17.25nm 5.1mb
BSF 85.04 43 eP 16 13.00 0.1
0.8s 5.10nm 4.8mb
CDF 85.33 42 eP 16 14.50 0.2
0.9s 6.20nm 4.8mb
NAO 86.33 29 P 16 19.20 0.3
0.9s 7.40nm 4.9mb
CLL 88.71 39 eP 16 31.00 0.4
KHC 89.39 41 eP 16 34.40 0.5
1.5s 8.50nm 4.8mb
e 16 38.50
e 17 02.00
GEC2 89.52 41 P 16 35.20 0.6
1.1s 1.38nm 4.1mb
e 16 40.10
WB2 141.65 245 ePKP 23 09.10 -0.9
0.8s 2.30nm
WRA 141.66 245 PKP 23 11.40 1.4
1.7s 0.30nm
POO 146.18 43 ePKP 23 14.50 -3.2X
KMI 148.52 351 PKPc 23 24.50 2.9X
1.0s 170.00nm
CGP 149.24 298 ePKPd 23 27.00 4.4X
HYB 150.05 38 ePKP 23 28.00 4.2X
GBA 152.07 45 PKP 23 32.00 5.2X
S.D. = 1.1 on 73 of 88 obs.

* DEC 10, 1992 18h 05m 50.91 ± 1.91s
31.290 S ± 27.2km 69.366 W ± 17.5km
DEPTH = 133.6 ± 15.6 km
SAN JUAN PROVINCE, ARGENTINA (137)
MD 3.8 (SAN).

RTCB 0.52 112 eP 06 10.60 -0.3
S 06 22.00
RTLL 0.77 93 iPc 06 12.00 -0.5
S 06 26.00
CFA 1.01 108 e(P) 06 14.80 0.2
S 06 30.70
JACH 1.74 217 iPd 06 23.02 0.6
eS 06 46.67
PEL 2.16 211 iP 06 28.08 0.5
iS 06 54.83
FCH 2.18 201 (P) 06 19.35 -8.7X
iS 06 56.97
ROCH 2.18 219 iPd 06 28.02 0.0
iS 06 54.65
PCH 2.52 202 iP 06 32.96 0.8
iS 07 04.24
RTPR 2.65 69 e(P)c 06 34.20 0.6
TACH 2.70 209 iP 06 34.35 -0.1

LCCH 2.87 220 iS 07 06.91
LNV 3.17 212 iP+ 06 36.13 -0.4
iS 07 15.10
TCA 4.09 92 iP 06 52.50 -0.3
S.D. = 0.7 on 12 of 13 obs.

? DEC 10, 1992 18h 09m 49.54 ± 0.90s
6.358 S ± 11.5km 129.813 E ± 23.0km
DEPTH = 261.7 ± 25.8 km
4.4mb (1 obs.)

BANDA SEA (280)

AAI 3.10 329 ePd 10 44.50 0.2
e(S) 11 26.00
SWI 5.65 15 ePc 11 14.00 -0.1
iS 12 15.50
MTN 6.58 169 eP 11 24.50 -1.2
0.2s 261.00nm 5.9mb X
eS 12 33.00
KNA 9.39 186 iPc 12 02.20 0.9
0.2s 39.00nm 5.1mb X
eS 13 39.00
WB2 14.21 162 iPd 13 01.90 0.8
iS 15 30.30
QIS 17.01 147 eP 13 39.50 6.1X
eS 16 32.50
MBL 17.60 212 eP 13 39.00 -0.6
ASPA 17.65 168 iPd 13 47.90 7.8X
eS 16 50.00
STK 27.68 158 eP 15 25.60 9.9X
0.4s 4.30nm 4.4mb
S.D. = 1.3 on 6 of 9 obs.

& DEC 10, 1992 18h 23m 34.37s
34.152 N 116.413 W
DEPTH = 5.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.6 (PAS), 3.3 (GS).

PEC 0.67 248 iPc 23 46.66 -1.2
PLM 0.88 205 ePd 23 50.57 -1.2
SSK 1.06 274 ePc 23 53.86 -1.1
eS 24 08.60
BCH 3.20 290 ePn 24 25.78 -0.5
MTUM 3.64 332 ePn 24 35.80 3.1
ePg 24 41.58
TNP 3.98 351 (Pn) 24 40.32 2.9
ePg 24 47.56
MMPM 4.05 329 (Pn) 24 36.63 -2.0
BONR 4.09 339 ePn 24 37.83 -1.3
ePg 24 50.73
ARUT 4.36 33 (Pn) 24 40.94 -1.9
ARN 5.24 309 (P) 24 56.11 0.8
MSU 5.54 37 (P) 24 59.45 -0.2
11 obs. associated

? DEC 10, 1992 18h 32m 05.99 ± 1.32s
44.288 N ± 22.0km 148.651 E ± 15.5km
DEPTH = 33.0km (normol)
3.4mb (2 obs.)

KURIL ISLANDS (221)

KUSJ 3.10 249 P 32 52.50 -1.1
S 33 24.30
ASAJ 4.32 270 eP 33 11.40 0.3
HOOJ 4.35 246 eP 33 12.80 1.3
eS 34 00.00
MRRJ 5.83 254 eP 33 32.80 0.4
eS 34 35.70
OFUJ 7.37 228 eP 33 52.30 -1.7
eS 35 08.00
YKA 54.75 34 eP 41 33.50 -0.6
0.5s 0.70nm 3.9mb
WRA 65.25 195 P 42 47.80 1.4
0.9s 0.10nm 2.9mb
S.D. = 1.5 on 7 of 7 obs.

DEC 10, 1992 18h 56m 43.35 ± 0.48s
7.804 N ± 9.4km 94.198 E ± 6.0km
DEPTH = 33.0km (normol)
4.7mb (11 obs.)

NICOBAR ISLANDS, INDIA (704)

SNG 6.40 95 eP 58 18.50 0.8
NNT 7.23 48 iPd 58 28.70 -0.8
IPM 7.51 115 ePd 58 33.00 -0.3

CHG 11.88 22 eP 59 34.60 1.1
0.9s 8.40nm 4.9mb
GBA 17.44 291 P 00 46.00 0.1
HYB 18.00 304 eP 00 53.00 0.2
KMI 19.06 24 eP 01 09.50 3.6X
1.5s 20.00nm 4.1mb
pP 01 17.50 30kmX

LSA 21.97 353 P 01 36.30 -0.4
GYA 22.01 31 P 01 39.60 2.8X
1.0s 9.60nm 4.2mb
NDI 26.23 325 iPd 02 17.00 -0.2
KSH 35.50 335 P 03 39.50 0.2
WB2 48.19 126 eP 05 22.70 -0.2
0.4s 2.80nm 4.6mb

MLR 69.26 316 eP 07 47.00 -2.5
e 32 48.00
KAF 72.88 333 eP 08 10.40 -0.3
0.6s 6.70nm 4.8mb
NUR 73.23 331 eP 08 12.00 -0.8
BCAO 75.23 273 iPc 08 26.10 0.8
0.2s 10.00nm 5.5mb

ZST 75.62 318 eP 08 26.80 -0.1
e 33 01.20
KSP 76.35 320 eP 08 31.50 0.5
GEC2 77.92 318 Pd 08 40.10 0.3
0.8s 3.57nm 4.5mb

e 10 35.40
e 10 44.30
e 19 47.70
GRF 79.56 319 eP 08 50.20 1.6
NAO 80.00 330 P 08 50.50 -0.2
0.8s 8.60nm 4.8mb

LPG 82.71 315 eP 09 05.80 0.2
0.7s 4.85nm 4.7mb
LPL 82.72 315 eP 09 05.80 0.2
0.8s 5.25nm 4.7mb

IMA 91.67 22 eP 09 51.09 2.6X
0.7s 1.74nm 4.6mb
S.D. = 0.9 on 21 of 24 obs.

DEC 10, 1992 19h 04m 26.60 ± 0.57s
24.592 N ± 5.0km 120.817 E ± 6.2km
DEPTH = 10.0km (geophysicist)

TAIWAN (244)

TWO 0.32 177 iPd 04 33.40 0.2
eS 04 39.20
TWZ 0.86 54 ePc 04 42.70 -0.4
TWC 0.94 89 ePc 04 45.00 0.5
TWF1 1.31 160 ePd 04 50.50 -0.3
TWG 1.78 172 eP 04 57.60 0.0
SSE 6.49 3 Pn 06 04.00 -0.4
E 12s 1.30um

Sn 07 07.00
HKC 6.51 251 P 06 04.40 -0.5
LZH 18.57 312 eP 08 46.50 0.8
Z 10s 0.53um
S.D. = 0.6 on 8 of 8 obs.

% DEC 10, 1992 19h 12m 53.67 ± 0.82s
39.958 N ± 7.4km 28.899 E ± 6.3km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.7 (ISK).

DST 0.41 211 iPg 13 02.10 0.0
eSg 13 08.60
KCT 0.51 305 iPg 13 04.60 0.6
iSg 13 11.60
YLV 0.71 31 iPg 13 07.60 -0.1
EDC 0.88 296 ePn 13 10.00 -0.6
HRT 1.04 34 iPg 13 13.20 -0.2
eSg 13 28.10

EYL 1.14 57 ePn 13 15.30 0.2
S.D. = 0.5 on 6 of 6 obs.

? DEC 10, 1992 19h 13m 10.42 ± 4.11s
22.244 S ± 22.8km 175.807 W ± 23.4km
DEPTH = 129.7 ± 33.4 km
4.5mb (7 obs.)

TONGA ISLANDS REGION (174)

SVA 6.77 306 eP 14 49.30 0.6
eS 14 54.10
VUN 6.84 307 iPd 14 49.10 -0.4
BKM 15.67 284 iPc 16 53.50 8.2X
DZM 16.44 267 iPc 16 59.00 4.0X

RMO	32.49	255 eP	19 31.50	0.8	GSC	1.08	342 eP	48 18.53	-1.0		sP	53 50.50		
	0.4 s	6.00nm		4.7mb			eS	48 34.35		HYB	91.42	287 eP	53 45.50 -0.5	
CMS	35.29	247 eP	19 54.70	0.0	GLA	1.79	132 ePn	48 25.55	-5.1	GBA	91.70	283 P	53 47.00 -0.3	
	0.9 s	7.00nm		4.5mb	ISA	2.20	310 ePn	48 36.78	0.2	YKA	95.38	27 eP	54 03.00 -0.3	
STK	38.92	246 eP	20 23.60	-1.5			eS	49 06.25			0.4 s	0.40nm	4.2mb	
	1.3 s	3.40nm		4.0mb						BCAO	147.34	260 iPKPc	00 23.10 1.4	
ASPA	46.14	258 iPc	21 25.00	1.3							0.3 s	48.00nm		
	0.8 s	11.40nm		4.6mb										
Z	21 s	0.30um		4.2Msz										
WB2	46.39	263 iPc	21 24.50	-1.3										
	0.8 s	8.50nm		4.5mb										
SPA	67.89	180 iPc	23 56.70	-0.1										
	1.0 s	31.50nm		5.1mb										
SES	92.09	35 eP	26 06.00	0.2										
	pP	26 16.00	31kmX											
YKA	97.25	24 eP	26 27.60	-1.4										
	0.9 s	1.20nm		4.4mb										
MUD	145.63	355 iPKPc	32 35.50	1.1										
	1.1 s	40.00nm												
LWI	145.80	228 iPKPc	32 38.50	2.2X										
EKA	146.50	8 PKP	32 38.00	2.1X										
	1.1 s	12.60nm												
KAS	148.68	314 ePKP	32 45.50	5.6X										
OJC	149.50	340 ePKP	32 46.40	5.6X										
KSP	149.93	345 iPKPd	32 47.70	6.3X										
HRI	150.11	298 ePKP	32 49.00	6.6X										
CLL	150.19	349 iPKPc	32 47.30	5.5X										
	1.2 s	26.00nm												
WTS	150.23	357 ePKP	32 45.00	3.2X										
	1.0 s	16.00nm												
SPC	150.25	339 ePKP	32 49.10	6.9X										
BRG	150.42	347 iPKP	32 48.40	6.3X										
	1.0 s	20.00nm												
JVI	150.72	296 ePKP	32 50.10	6.8X										
MOX	151.06	350 ePKP	32 49.90	6.8X										
PRU	151.13	346 ePKP	32 49.50	6.2X										
ENN	151.50	358 ePKP	32 52.00	8.3X										
	1.0 s	7.00nm												
SAGI	151.60	293 ePKP	32 51.97	7.3X										
GRF	152.05	350 ePKP	32 52.40	7.7X										
SRO	152.08	339 ePKP	32 02.00	17.3X										
KHC	152.15	347 PKP	32 52.50	7.6X										
	1.3 s	9.10nm												
	e	33 02.90												
GEC2	152.40	346 PKP	32 45.00	-0.3										
	1.5 s	3.02nm												
BCAO	157.49	220 ePKPc	32 54.00	1.0										
	0.8 s	21.00nm												
		ic	33 26.10											
		ic	33 35.10											
	S.D. = 1.1	on 13 of 33 obs.												
? DEC 10, 1992 20h 40m 38.99±4.40s					32.958 S ±23.3km 178.960 W ±52.6km					DEPTH = 347.9 ± 32.4 km				
SOUTH OF KERMADEC ISLANDS (179)														
NOZ	6.15	203 P	42 12.60	0.6										
URZ	6.18	210 P	42 11.80	-0.6										
		S	43 24.80											
WCZ	6.28	240 P	42 12.90	-0.6										
MOZ	7.51	221 eP	42 29.60	1.7										
PGZ	8.55	205 eP	42 40.60	0.3										
KIW	9.29	210 eP	42 47.90	-1.3										
MTW	9.30	207 P	42 48.70	-0.7										
CAW	9.43	209 P	42 50.70	-0.2										
MRW	9.68	210 P	42 54.80	0.9										
		eS	44 36.00											
KHZ	11.15	210 eP	43 11.20	-0.4										
		S	45 13.90											
LTZ	12.00	213 P	43 22.40	0.5										
		S	45 29.80											
DZM	16.87	306 iPc	44 16.00	0.0										
	S.D. = 1.0	on 12 of 12 obs.												
& DEC 10, 1992 20h 47m 58.53s					34.271 N 116.402 W					DEPTH = 2.8km				
SOUTHERN CALIFORNIA (43)														
<PAS=P>. ML 2.8 (PAS), 2.9 (GS).														
PEC	0.73	239 eP	48 12.22	-1.0										
		eS	48 21.36											
PLM	0.99	203 eP	48 17.04	-1.1										
		eS	48 30.97											
SSK	1.07	267 eP	48 18.12	-1.4										
		eS	48 18.12											
		eS	48 18.12											
		eS	48 18.12											
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10d 23h

S.D. = 0.3 on 6 of 7 obs.

& DEC 11, 1992 00h 45m 09.59s
34.376 N 116.874 W
DEPTH = 3.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.7 (GS).

PEC	0.54	206	ePd	45	19.68	-0.7
SSK	0.70	257	iPc	45	22.84	-0.7
			eS	45	32.74	
GSC	0.93	4	iPd	45	26.90	-1.1
			eS	45	42.31	
PLM	1.02	179	ePd	45	28.65	-1.0
			eS	45	42.40	
ISA	1.84	315	ePn	45	42.40	0.1
			ePg	45	43.92	
			eS	46	06.68	
GLA	2.16	127	ePn	45	44.94	-2.0
			eS	46	19.18	
TPNV	2.62	11	ePn	45	53.04	-0.6
			ePg	45	58.02	
BCH	2.76	288	ePn	45	53.95	-1.8
TNP	3.71	356	ePn	46	09.13	-0.1
ARUT	4.40	38	(Pn)	46	19.98	1.0

10 obs. associated

DEC 11, 1992 01h 16m 15.30 ± 0.30s
45.784 N ± 4.9km 142.705 E ± 6.3km
DEPTH = 325.9 ± 4.6 km
4.4mb (32 obs.)
HOKKAIDO, JAPAN REGION (224)

YSS	1.23	0	ePn	17	00.00	0.2
			iS	17	34.00	
ASAJ	1.67	182	iP+	17	03.30	0.9
			eS	17	39.70	
KUSJ	3.05	151	P	17	13.00	-0.6
			eS	17	56.50	
HOJ	3.43	173	eP	17	16.20	-1.2
			S	18	02.50	
MRRJ	3.56	200	P	17	19.50	0.8
			eS	18	06.40	
KUR	3.67	97	iPnc	17	21.00	1.2
			eS	18	13.00	
AOMJ	5.49	199	eP	17	39.90	-0.1
			S	18	42.60	
OFUJ	6.74	187	iPd	17	53.40	-1.3
			S	19	08.40	
YAMJ	7.86	196	P	18	07.80	-0.3
			S	19	33.90	
NIIJ	8.98	199	eP	18	21.60	0.0
MAT	9.83	202	iPd	18	31.70	-0.4
	0.5s	54.23nm				5.0mb X
MTMJ	9.90	204	eP	18	32.90	-0.1
CHJJ	10.12	197	eP	18	35.60	0.0
SKR	10.18	57	ePn	18	37.90	1.6
			eS	20	28.70	
MGD	15.13	16	eP	19	33.00	-1.8
	1.0s	40.00nm				4.7mb
SEY	18.02	14	iP	20	04.80	-0.1
	1.1s	90.00nm				5.1mb
BJI	20.21	263	eP	20	28.00	1.2
	1.3s	28.00nm				4.4mb
BOD	21.18	315	eP	20	35.50	-0.5
	1.4s	14.00nm				4.1mb
ZAK	26.51	294	eP	21	25.30	0.0
	1.0s	8.00nm				4.1mb
IMA	38.82	36	eP	23	09.70	-0.9
	0.9s	18.40nm				4.4mb
FBA	41.35	37	eP	23	31.00	-0.2
RES	53.91	16	eP	25	06.50	-0.8
	0.6s	6.00nm				4.1mb
YKA	55.85	33	eP	25	19.70	-1.6
	0.6s	6.90nm				4.3mb
SES	64.94	43	ePc	26	22.00	-0.4
WB2	65.85	189	iPc	26	28.10	-0.2
NAO	66.81	337	P	26	32.00	-1.9
	0.7s	3.90nm				4.2mb
LRM	67.34	47	ePc	26	37.80	0.0
ASPA	69.58	189	iPd	26	52.20	1.0
	0.8s	7.00nm				4.4mb
ULM	71.73	35	eP	27	06.50	2.8X
CLL	74.01	330	iPd	27	17.40	0.6
	1.1s	10.00nm				4.5mb
PV10	74.37	51	eP	27	21.20	1.6

ZST	75.03	326	eP	27	22.50	-0.2
KHC	75.61	328	eP	27	27.00	1.0
	1.0s	4.30nm				4.1mb
GEC2	75.80	328	P	27	26.90	-0.2
	1.0s	1.74nm				3.7mb
CDF	78.43	331	eP	27	41.40	-0.1
	0.9s	6.40nm				4.4mb
HAU	79.09	332	eP	27	44.70	-0.3
	0.9s	5.10nm				4.4mb
BSF	79.09	331	eP	27	44.50	-0.6
	0.8s	4.05nm				4.3mb
FLN	80.51	336	iPc	27	52.10	-0.2
	1.0s	11.00nm				4.6mb
LOR	80.55	333	iPc	27	52.40	-0.2
	0.9s	7.85nm				4.5mb
LDF	80.56	336	eP	27	52.10	-0.5
	0.6s	2.00nm				4.1mb
LBF	80.76	333	iPc	27	53.50	-0.2
	0.9s	5.90nm				4.4mb
SSF	80.84	333	iPc	27	54.00	-0.1
	1.0s	8.40nm				4.5mb
GRR	80.95	336	iPc	27	54.70	0.1
	0.6s	3.70nm				4.4mb
SMF	81.10	333	iPc	27	55.60	0.1
	0.8s	9.00nm				4.7mb
LPL	81.13	330	iPc	27	56.30	0.4
	0.8s	6.30nm				4.5mb
AVF	81.13	333	iPc	27	55.80	0.2
	0.8s	7.80nm				4.6mb
LPG	81.14	330	iPc	27	56.60	0.5
	0.8s	7.10nm				4.5mb
LPF	81.33	336	iPc	27	56.90	0.3
	0.8s	6.45nm				4.5mb
MAF	81.88	333	iPc	28	00.20	0.6
	0.7s	7.40nm				4.6mb
LSF	82.18	334	eP	28	01.30	0.2
	0.8s	11.15nm				4.7mb
MFF	82.37	335	iPc	28	02.60	0.6
	0.7s	4.30nm				4.4mb
CAF	83.20	333	eP	28	07.30	1.0
	0.9s	10.50nm				4.7mb
LPO	83.69	333	iPc	28	09.50	0.8
	0.8s	4.45nm				4.3mb
SIV	144.24	42	PKP	35	17.80	3.6X

S.D. = 0.8 on 52 of 54 obs.

& DEC 11, 1992 01h 38m 34.21s
34.272 N 116.403 W
DEPTH = 2.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4.1 (PAS), 4.1 (GS).
Felt.

PEC	0.73	239	iPc	38	47.99	-0.9
			eS	38	54.23	
PLM	0.99	203	iPd	38	52.81	-1.0
SSK	1.07	267	ePc	38	54.07	-1.1
			eS	39	02.35	
GSC	1.08	342	iPc	38	54.33	-0.9
ISA	2.19	310	ePn	39	10.75	-1.4
			ePg	39	14.58	
			eS	39	43.64	
TPNV	2.67	3	ePn	39	17.44	-1.7
BCH	3.17	288	ePn	39	23.59	-2.4
PKEM	3.52	302	eP	39	29.56	-1.4
MTUM	3.54	331	ePn	39	30.01	-1.4
MRCM	3.80	334	(Pn)	39	34.36	-0.8
TNP	3.86	350	ePn	39	34.50	-1.5
MMPM	3.95	328	(Pn)	39	36.04	-1.4
MEMM	3.96	329	ePn	39	35.93	-1.3
			ePg	39	47.71	
			eS	40	39.57	
BONR	3.98	338	ePn	39	35.22	-2.6
			ePg	39	49.22	
ARUT	4.25	34	ePn	39	39.93	-1.6
CMB	4.95	321	ePn	39	49.74	-1.6
			eS	41	05.94	
KVN	4.96	345	(Pn)	39	49.59	-2.0
TUC	5.10	111	ePn	39	49.20	-4.2
ARN	5.18	308	ePn	39	52.15	-2.4
MSU	5.44	38	(Pn)	39	55.57	-2.8
NTYM	6.51	311	eP	40	10.03	-3.3
DUG	6.57	25	(Pn)	40	18.97	4.7
			ePg	40	35.77	
SRU	6.75	43	(Pn)	40	17.85	0.9
EMUT	7.11	37	(Pn)	40	19.39	-2.6
PV10	7.22	53	eP	40	21.18	-2.3

PV09	7.22	52	eP	40	22.43	-1.2
PV08	7.58	53	eP	40	27.45	-1.2
BW06	10.04	30	eP	41	03.25	0.6

28 obs. associated

* DEC 11, 1992 02h 01m 22.09 ± 0.61s
82.917 N ± 10.3km 6.290 W ± 9.7km
DEPTH = 10.0km (geophysicist)
4.7mb (22 obs.)

NORTH OF SVALBARD (641)

KBS	4.91	135	eP	02	35.70	-1.9
			eS	03	26.50	
DAG	6.54	206	eP	02	57.50	-3.0
	0.6s	32.67nm				5.5mb
			iSp	04	10.40	
ARA0	14.99	134	Pn	04	53.04	-2.2
			Sn	07	26.42	
RES	16.79	293	ePd	05	12.30	-5.9X
	1.0s	22.00nm				4.2mb
SDF	17.13	135	iP	05	22.40	-0.2
NAO	22.62	158	P	06	27.50	3.9X
	1.1s	13.30nm				4.3mb
NRA0	22.74	157	P	06	25.88	1.1
MOX	32.82	159	eP	08	06.40	9.2X
LDF	34.52	173	eP	08	11.20	-0.7
	1.3s	17.35nm				4.8mb
GRR	34.71	174	eP	08	12.10	-1.4
GEC2	34.72	157	P	08	13.70	0.0
	0.7s	1.12nm				3.8mb
			e	10	46.50	
CDF	34.88	164	eP	08	16.00	0.9
	1.1s	15.65nm				4.8mb
HAU	35.26	165	eP	08	19.10	0.8
	1.0s	14.00nm				4.8mb
BSF	35.44	165	eP	08	20.50	0.5
	1.2s	12.20nm				4.6mb
LOR	35.92	168	eP	08	24.00	

	2.0s	78.00nm		5.7
FBA	88.80	17 eP	35 42.60	-
	1.0s	2.20nm		4.4n
NVL	90.39	188 eP	35 50.00	-0
	1.6s	69.00nm		5.7mt
Z	20s	1.00um		5.2Ms
N	19s	1.00um		
E	19s	0.50um		
		e	35 58.00	25km
		e	36 29.00	
		e	36 57.00	

			eS	46	38.00	
GBA	94.50	283	P	36	16.00	5.4X
WMQ	95.15	314	iPc	36	13.00	-0.1
	1.0s		27.00nm			5.6mb
Z	24s		1.31um			5.3Mszx
			sP	36	31.00	
YKA	99.71	27	eP	36	31.70	-1.6
	1.2s		1.50nm			4.4mb
BUL	125.29	229	iPKPd	41	51.90	0.1
UZH	138.30	326	ePKP	42	25.00	9.5X
SPC	139.03	328	ePKP	42	17.30	0.2
KSP	139.81	332	ePKP	42	12.50	-5.7X
BRG	140.80	334	ePKP	42	16.40	-3.5X
CLL	140.86	335	ePKP	42	20.00	0.0
ZST	141.26	329	ePKP	42	21.20	0.3
KHC	142.26	332	ePKP	42	17.00	-5.7X
			e	42	30.00	
			i	42	41.00	
GEC2	142.41	332	PKP	42	17.30	-5.7X
	1.5s		5.30nm			

GEC2	142.41	332	PKP	42	24.90	1.9
	0.5s		0.69nm			
SKO	142.45	318	ePKP	42	16.70	-6.5X
OHR	143.30	317	ePKP	42	18.50	-6.2X
PTJ	143.37	327	ePKP	42	22.10	-2.6
FUR	143.99	333	ePKP	42	23.10	-2.5
VBY	144.00	327	e(PKP)	42	23.00	-2.7
VOY	144.34	328	e(PKP)	42	23.30	-3.1X
FVI	144.48	330	PKP	42	24.50	-1.9
SNF	144.58	342	PKP	42	28.70	2.2
ETA	144.61	354	ePKP	42	22.80	-3.6X
LANF	144.73	337	PKP	42	24.86	-2.0
WLF	144.74	339	iPKPc	42	25.45	-1.3
HVAR	144.84	323	iPKP	42	24.70	-2.5
DOU	144.86	341	PKPc	42	25.00	-2.0
ECB	144.99	354	ePKP	42	30.00	2.9X
OGA	145.09	332	ePKP	42	26.70	-1.1
ECP	145.13	354	ePKP	42	29.10	1.8
CDF	145.40	337	ePKP	42	26.70	-1.4
	1.0s		70.60nm			
CTI	145.42	330	PKP	42	27.50	-0.7
SLE	145.46	335	ePKPc	42	27.20	-0.9
FEL	145.56	336	PKP	42	27.42	-1.0
OSS	145.62	333	iPKPc	42	28.40	-0.3

VITF	146.03	338	PKP	42	26.46	-2.6
BSF	146.06	337	ePKP	42	28.40	-0.9
	1.2s	26.50nm				
VDL	146.07	333	ePKPc	42	29.70	0.2
HAU	146.08	338	ePKP	42	28.80	-0.4
	1.0s	33.40nm				
Z	23s	0.95um				5.5Mszx
LOVF	146.45	337	PKP	42	30.62	0.7
ARM	146.58	326	PKP	42	31.00	0.9
TMA	146.62	333	ePKPc	42	30.80	0.5
SFI	146.85	328	PKP	42	33.00	2.5X
VAI	146.86	333	PKPc	42	31.00	0.6
MMK	147.05	334	ePKPc	42	32.80	1.7
SGO	147.09	320	PKP	42	32.00	1.1
DIX	147.26	335	ePKPc	42	33.40	1.9
FIR	147.26	328	ePKP	42	33.00	1.9
SDI	147.28	323	PKP	42	32.80	1.5
BCAO	147.36	250	iPKPd	42	30.90	-1.3
	0.7s	78.00nm				
		ic	42	33.20		
		id	42	42.20		
		ic	42	53.90		
BDI	147.38	329	PKP	42	33.00	1.5
ORO	147.39	334	PKP	42	32.50	1.0
BOB	147.40	331	PKPc	42	33.00	1.5
FLN	147.45	346	ePKP	42	32.20	0.9
	0.9s	23.10nm				

11d 02h

Z	22s	1.10um	5.6Msz	
LDF	147.52	345 ePKP	42 32.40	1.0
	1.0s	23.20nm		
LOR	147.5B	340 ePKP	42 32.90	1.3
	0.7s	16.00nm		
Z	22s	0.93um	5.5Msz	
PII	147.67	329 PKP	42 33.00	1.2
LBF	147.7B	339 ePKP	42 33.60	1.6
	1.0s	30.60nm		
SSF	147.87	340 ePKP	42 33.90	1.9
	0.9s	34.55nm		
GRR	147.89	346 ePKP	42 33.80	1.8
	0.8s	16.80nm		
LPL	147.99	335 ePKP	42 34.80	2.2
	0.8s	13.95nm		
LPG	148.00	335 ePKP	42 35.00	2.3
	0.8s	16.40nm		
SOI	148.01	315 PKP	42 35.00	2.5X
SMF	148.12	339 ePKP	42 34.50	2.0
	1.3s	46.20nm		
AVF	148.16	340 ePKP	42 34.20	1.7
	1.1s	37.10nm		
LPF	148.27	346 ePKP	42 34.80	2.2
	1.0s	49.40nm		
BNI	148.39	334 PKP	42 36.50	3.4X
BGF	148.53	340 ePKP	42 35.50	2.4
	0.8s	25.25nm		
SURF	148.80	333 PKP	42 37.37	3.5X
SAOF	148.87	332 PKP	42 36.62	2.8X
AUTN	148.92	332 PKP	42 37.08	3.0X
MAF	148.92	340 ePKP	42 36.60	2.8X
	1.1s	30.05nm		
TCF	148.97	341 ePKP	42 36.70	2.8X
	1.0s	24.00nm		
TOUF	148.98	332 PKP	42 36.97	2.8X
SBF	149.02	332 PKP	42 37.08	3.0X
AURF	149.05	332 PKP	42 36.71	2.6X
SSB	149.05	337 PKP	42 37.68	3.6X
LSF	149.22	341 ePKP	42 37.10	2.9X
PGF	149.29	329 PKP	42 38.08	3.5X
CALN	149.35	333 PKP	42 38.06	3.4X
MFF	149.38	344 ePKP	42 37.70	3.3X
	0.9s	24.25nm		
FRF	149.61	333 ePKP	42 38.10	3.2X
LMR	149.85	332 ePKP	42 38.70	3.5X
CDR	149.89	334 ePKPd	42 40.20	4.9X
RJF	150.07	341 ePKP	42 39.50	4.0X
	1.1s	41.25nm		
Z	22s	0.65um	5.4Msz	
CAF	150.23	340 ePKP	42 40.10	4.3X
	1.1s	30.05nm		
LFF	150.64	341 ePKP	42 40.80	4.4X
	0.9s	24.25nm		
LPO	150.73	340 ePKP	42 41.20	4.7X
	1.0s	26.80nm		
EPF	152.48	340 ePKP	42 45.10	5.9X
	1.0s	11.20nm		
S.D. = 1.3 on 11B of 167 obs.				
DEC 11, 1992 02h 34m 34.93±0.46s				
38.791 N ± 3.4km 23.587 E ± 5.4km				
DEPTH = 10.0km (geophysicist)				
GREECE (364)				
MD 3.3 (ATH).				
ATH	0.82	173 ePn	34 50.90	0.1
AGG	1.01	284 ePg	34 52.74	-1.3
		eSg	35 05.86	
PAIG	1.14	4 ePg	34 56.82	0.6
		eSg	35 11.94	
LIT	1.56	327 ePb	35 02.34	-0.4
		eSb	35 22.34	
THE	1.90	346 ePb	35 07.22	-0.4
		eSb	35 31.38	
SOH	2.04	355 ePn	35 09.94	0.2
KZN	2.06	318 ePn	35 10.60	0.5
VLI	2.13	194 ePn	35 10.80	-0.2
SRS	2.32	0 ePn	35 13.58	-0.2
		eSn	35 42.98	
GRG	2.35	338 ePn	35 13.78	-0.4
		iSn	35 42.02	
EZN	2.36	63 ePn	35 17.60	3.3X
KNT	2.43	348 ePn	35 15.42	0.2
		eSn	35 44.10	
VLS	2.43	256 ePn	35 16.40	1.1
FNA	2.62	320 ePn	35 18.10	0.0
		iSn	35 48.82	

VAY	2.65	343 iPn	35 18.60	0.3
MMB	2.80	2 iP	35 20.00	-0.6
ALN	2.83	41 ePn	35 22.94	2.0X
RZN	3.02	16 P	35 24.00	0.2
KKB	3.10	353 iP	35 25.00	0.3
OHR	3.16	318 iPn	35 26.20	0.6
KDZ	3.18	26 eP	35 25.00	-0.9
PLD	3.42	14 eP	35 30.00	0.7
VTS	3.81	356 iPd	35 35.00	0.0
S.D. = 0.6 on 21 of 23 obs.				
* DEC 11, 1992 03h 18m 22.13±2.04s				
30.744 S ± 11.0km 72.000 W ± 17.4km				
DEPTH = 10.0km (geophysicist)				
OFF COAST OF CENTRAL CHILE (134)				
MD 4.6 (SAN).				
JACH	2.27	149 eP	19 00.32	-0.1
		iS	19 27.48	
IHA	2.30	172 eP	19 00.50	-0.1
		e(S)	19 29.00	
ROCH	2.38	160 iP+	19 01.92	0.0
PEL	2.64	155 iPd	19 05.66	0.1
		iS	19 35.35	
LCCH	2.75	172 iP+	19 06.94	-0.1
SAN	2.93	158 eP	19 09.43	-0.2
FCH	2.96	151 iP	19 11.46	1.2
		iS	19 43.91	
ZON	2.96	107 eP	19 10.20	0.2
TACH	3.04	163 iPd	19 11.23	0.1
		iS	19 44.55	
RTLL	3.09	102 ePc	19 12.50	0.7
PCH	3.13	157 iP	19 12.62	0.1
RTCV	3.17	111 e(P)	18 24.00	-49.0X
		(S)	19 14.50	
LNK	3.24	171 eP	19 12.95	-1.0
CFA	3.34	106 ePc	19 16.10	0.7
		S	19 52.60	
MDZ	3.43	129 iPd	19 19.20	2.5
		i	19 22.40	
		iS	19 32.00	
CACH	3.57	161 eP	19 18.80	0.0
RTPR	4.76	86 ePd	19 34.50	-1.0
RFA	5.00	144 iP	19 38.30	-0.7
		(S)	20 52.00	
MRA	5.62	109 ePd	19 45.40	-2.3
CYA	5.87	69 iPc	19 50.00	-1.3
FSA	7.02	50 ePd	20 09.00	1.5
SIV	17.76	37 eP	22 40.00	8.8X
S.D. = 1.1 on 20 of 22 obs.				
? DEC 11, 1992 03h 42m 16.83±7.27s				
24.602 S ± 62.5km 179.579 E ± 90.3km				
DEPTH = 579.1 ± 39.3 km				
4.2mb (1 obs.)				
SOUTH OF FIJI ISLANDS (171)				
DZM	12.33	279 iPd	44 59.00	0.0
THZ	17.99	196 eP	45 54.80	0.8
KHZ	18.46	194 eP	45 57.60	-0.7
CAN	28.46	241 iPc	47 28.80	0.8
BWA	28.73	243 eP	47 28.90	-1.4
STKA	34.11	249 eP	48 16.30	0.6
ASPA	41.55	261 iPc	49 16.50	0.2
	1.1s	8.40nm		4.2mb
WB2	41.97	267 iPd	49 19.40	-0.2
S.D. = 1.0 on 8 of 8 obs.				
DEC 11, 1992 04h 10m 15.10±0.30s				
44.018 N ± 2.3km 7.099 E ± 2.9km				
DEPTH = 10.0km (geophysicist)				
NORTHERN ITALY (545)				
ML 2.1 (LDG), 2.0 (GEN), 1.6 (STR).				
TOUF	0.11	92 Pg	10 17.54	-0.6
MVIF	0.13	162 Pg	10 17.96	-0.4
		Sg	10 21.54	
AURF	0.21	128 Pg	10 19.62	-0.1
		Sg	10 23.98	
AUTN	0.24	95 Pg	10 20.16	-0.2
STV	0.28	35 P	10 20.72	-0.3
		S	10 24.61	
SBF	0.29	122 Pg	10 21.80	0.6
		Sg	10 26.80	
CALN	0.31	210 Pg	10 21.48	0.0
		Sg	10 27.05	

ENR	0.31	48	P	10	21.55	-0.1
			S	10	26.03	
SAOF	0.33	95	Pg	10	21.44	-0.5
			Sg	10	26.82	
REVF	0.34	145	Pg	10	22.80	0.7
PZZ	0.49	0	P	10	24.29	-0.7
			S	10	30.79	
FRF	0.56	216	Pg	10	26.20	-0.3
			Sg	10	34.50	
IMI	0.58	100	P	10	26.95	0.0
			S	10	35.78	
ROB	0.62	63	P	10	27.63	0.0
LRG	0.78	224	Pg	10	30.10	-0.1
			Sg	10	42.10	
LMR	0.81	212	Pg	10	30.90	0.2
			Sg	10	43.10	
FIN	0.82	76	P	10	31.07	0.0
			S	10	41.95	
BHB	0.83	8	P	10	30.01	-1.2
			S	10	40.77	
RRL	0.93	346	P	10	32.07	-1.0
			S	10	43.46	
RSP	1.14	6	P	10	36.86	0.3
			S	10	50.64	
PCP	1.16	63	P	10	37.75	0.9
			S	10	53.67	
LSD	1.44	2	P	10	42.55	1.1
			S	11	00.83	
LPG	1.50	351	Pg	10	43.40	1.1
LPL	1.52	350	Pg	10	43.50	0.9
PGF	2.02	136	Pn	10	49.30	-0.4
			Sn	11	13.30	
S.D. = 0.6 on 25 of 25 obs.						
* DEC 11, 1992 04h 44m 13.81± 1.60s						
28.558 N ±15.6km 53.920 E ±17.1km						
DEPTH = 33.0km (normal)						
4.6mb (15 obs.)						
SOUTHERN IRAN (353)						
SHI	1.63	312	iP	44	42.00	1.2
RYD	7.58	241	eP	46	05.50	0.7
			eS	47	26.00	
MJMA	8.14	253	eP	46	12.60	-0.1
MAIO	9.04	30	eP	46	25.00	-0.1
OASM	9.56	258	eP	46	30.90	-1.4
AFIF	10.61	248	eP	46	49.40	2.7
			eS	48	04.50	
UOSK	10.66	258	eP	46	44.60	-2.7
GEC2	36.80	315	P	51	19.70	-0.7
	0.5s	0.76nm				3.8mb
			e	51	24.60	
KHC	36.97	315	eP	51	22.00	0.3
SBF	39.96	305	eP	51	46.50	-0.3
	0.7s	7.60nm				4.6mb
LPG	40.65	308	eP	51	52.50	-0.3
	0.7s	11.00nm				4.7mb
LPL	40.67	308	eP	51	52.60	-0.2
	0.6s	5.50nm				4.5mb
SMF	42.81	309	eP	52	09.90	-0.2
	0.6s	11.55nm				4.8mb
LOR	42.88	310	eP	52	10.20	-0.5
	0.6s	3.45nm				4.3mb
SSF	43.09	310	eP	52	12.20	-0.2
	0.6s	4.95nm				4.4mb
TCF	43.89	308	eP	52	19.10	0.2
	0.6s	5.75nm				4.5mb
RJF	44.30	307	eP	52	22.80	0.6
	0.5s	4.00nm				4.5mb
LPO	44.50	306	eP	52	24.30	0.5
	0.6s	5.30nm				4.6mb
LFF	44.83	306	eP	52	27.10	0.6
	0.5s	14.20nm				5.1mb
MFF	45.54	309	eP	52	32.60	0.5
	0.6s	3.95nm				4.5mb
LDF	45.69	311	eP	52	32.70	-0.5
	0.5s	5.85nm				4.8mb
FLN	45.94	312	eP	52	34.80	-0.4
	0.6s	6.20nm				4.7mb
YKA	88.80	355	eP	57	09.40	4.1X
	0.5s	0.30nm				3.9mb
S.D. = 1.1 on 22 of 23 obs.						
& DEC 11, 1992 05h 12m 14.20s						
36.833 N 121.592 W						
DEPTH = 5.0km						
CENTRAL CALIFORNIA (39)						

<BRK>. ML 3.1 (BRK).

SAO	0.14	120	iPd	12	16.77	-0.3
			iS	12	18.58	
COE	0.43	351	iPd	12	23.74	0.9
MHC	0.51	356	iPd	12	24.88	0.5
			iS	12	32.41	
ARN	0.52	5	iPd	12	24.79	0.2
PRS	0.53	160	iPd	12	24.37	-0.5
			eS	12	34.74	
LLA	0.56	112	iPc	12	25.23	-0.3
			eS	12	33.06	
PCC	0.92	317	eP	12	31.13	-1.0
			eS	12	45.20	
PRI	1.02	132	ePc	12	33.70	-0.3
BKS	1.16	334	iPd	12	34.69	-1.7
			eS	12	53.06	
HMR	1.33	353	(P)	12	40.30	1.1
PHAM	1.39	136	(P)	12	38.56	-1.6
PKEM	1.42	122	eP	12	40.53	-0.2
FRI	1.52	83	eP	12	41.05	-1.0
			eS	13	01.61	
CMB	1.54	38	eP	12	40.52	-1.8
			eS	12	59.81	
NTYM	1.77	332	ePn	12	43.49	-2.2
BCH	2.05	143	ePn	12	47.51	-2.3
MMPM	2.19	68	ePn	12	51.72	-0.4
MEMM	2.27	68	ePn	12	52.60	-0.4
			eS	13	24.27	
MTUM	2.48	77	eP	12	55.53	-0.5
MRCM	2.60	70	eP	12	57.58	-0.3
ORV	2.72	1	ePn	12	58.20	-1.1
ISA	2.78	114	ePn	12	58.45	-1.8
TNP	3.70	69	(Pn)	13	13.06	-0.4
GSC	4.17	110	ePn	13	17.28	-2.7
TPNV	4.28	87	ePn	13	21.06	-0.7

25 obs. associated

* DEC 11, 1992 06h 54m 10.57±0.82s
 7.727 N ±15.3km 76.458 W ±9.4km
 DEPTH = 33.0km (normol)
 4.2mb (2 obs.)

NORTHERN COLOMBIA

(99)

UPA	3.29	292	eP	55	01.13	0.1
			eS	55	38.74	
ECO	3.59	297	eP	55	05.18	-0.1
			eS	55	48.20	
SDV	5.88	78	ePn	55	39.40	1.5
			eSn	56	48.00	
TOV	6.90	72	eP	55	51.20	-0.9
			iS	57	09.60	
ZOBO	25.24	161	P	59	37.00	0.9
LPB	25.48	161	P	59	45.00	6.9X
SIV	28.06	147	eP	00	00.00	-1.3
ALO	38.62	319	eP	01	34.50	1.6
	1.2s		7.03nm			4.3mb
PV10	42.36	321	eP	02	07.40	3.7X
YKA	61.30	341	eP	04	23.10	-1.9
	0.6s		0.90nm			4.1mb

S.D. = 1.5 on 8 of 10 obs.

DEC 11, 1992 06h 57m 26.87±0.32s
 15.068 S ±8.2km 67.094 E ±5.1km
 DEPTH = 10.0km (geophysicist)
 5.1mb (35 obs.) 4.9Msz (3 obs.)

MID-INDIAN RIDGE

(429)

BUL	36.97	256	iPc	04	39.20	0.7
	1.0s		10.00nm			4.5mb
CHG	46.01	44	eP	05	53.30	0.7
LSA	50.19	27	P	06	26.60	1.1
MAIO	51.59	352	eP	06	35.00	-0.6
BCAO	51.85	288	iPd	06	37.00	-0.9
	0.9s		14.00nm			4.9mb
			id	07	07.10	
			id	07	50.10	
KMI	52.95	41	eP	06	46.50	0.4
	1.8s		1.00um			4.9Msz
GYA	56.42	43	iPc	07	11.00	-0.3
	1.2s		27.00nm			5.2mb
CD2	57.72	37	eP	07	19.00	-1.4
LZH	61.61	33	eP	07	46.50	-0.7
	1.5s		27.00nm			5.2mb
GTA	62.21	28	P	07	51.00	-0.1
	1.2s		10.00nm			4.9mb
XAN	63.01	38	Pc	07	55.40	-1.0

ASPA	63.13	109	iPc	07	56.70	-0.8
	1.0s		8.30nm			4.9mb
WB2	63.96	105	iPd	08	02.60	-0.4
NVL	64.78	198	eP	08	07.00	-0.5
	1.4s		14.00nm			5.0mb
TIY	67.59	38	Pc	08	26.30	0.3
	17s		0.48um			4.8MszX
HHC	69.23	35	Pd	08	36.60	0.4
	1.4s		20.00nm			5.1mb
SSE	69.31	48	Pc	08	37.20	0.5
	0.8s		9.00nm			5.0mb
	20s		0.50um			4.8Msz
TIA	69.52	41	Pd	08	38.30	0.4
OHR	70.42	325	e(P)	08	42.50	-0.8
VRI	70.76	331	eP	08	45.50	0.2
BJI	71.32	38	eP	08	48.50	-0.2
	1.2s		26.00nm			5.2mb
KIC	74.28	281	PKP	09	06.40	-0.3
LIC	74.51	281	PKP	09	07.00	-1.0
TIC	74.63	281	PKP	09	07.00	-1.7
SPC	76.20	330	eP	09	16.80	-0.4
SRO	76.22	329	eP	09	17.20	0.1
ZST	77.08	328	eP	09	21.10	-0.8
CN2	79.12	39	eP	09	32.40	-0.8
	0.8s		10.00nm			4.9mb
	18s		0.65um			5.0Msz
KSP	79.20	330	ePd	09	34.00	0.5
GEC2	79.24	327	Pd	09	33.20	-0.7
	0.9s		3.38nm			4.3mb
WTTA	79.40	325	iPc	09	34.30	-0.6
	1.1s		32.10nm			5.2mb
			i	09	40.00	
KHC	79.48	328	eP	09	34.50	-0.6
	1.1s		8.00nm			4.6mb
			e	09	55.50	
PRU	79.52	329	P	09	35.00	-0.3
	1.1s		10.30nm			4.7mb
SBF	79.94	321	eP	09	37.80	0.0
	0.9s		30.95nm			5.3mb
BRG	80.37	329	eP	09	40.20	0.4
GRF	81.05	327	eP	09	43.50	0.1
CLL	81.11	329	iPc	09	43.80	0.1
	1.2s		16.00nm			4.9mb
LPG	81.22	322	eP	09	44.00	-0.8
	0.7s		3.40nm			4.5mb
LPL	81.25	322	eP	09	44.10	-0.7
	0.9s		6.40nm			4.7mb
MOX	81.41	328	eP	09	46.00	0.7
MDJ	82.08	40	eP	09	48.60	-0.3
	1.0s		18.00nm			5.1mb
BSF	82.44	324	eP	09	50.40	-0.4
	1.0s		16.20nm			5.1mb
CDF	82.48	324	eP	09	50.80	-0.2
	1.1s		13.65nm			5.0mb
HAU	82.78	324	eP	09	52.30	-0.2
SMF	83.55	322	eP	09	56.30	-0.2
LBF	83.64	322	eP	09	57.00	0.0
	1.1s		16.10nm			5.2mb
CAF	83.81	320	eP	09	58.50	0.7
	1.2s		15.75nm			5.1mb
LOR	83.85	322	eP	09	58.00	0.0
AVF	83.92	322	eP	09	58.20	-0.1
	1.1s		13.65nm			5.1mb
SSF	83.96	322	eP	09	58.70	0.2
	1.0s		16.20nm			5.2mb
BGF	84.11	321	eP	10	00.00	0.7
	1.1s		25.15nm			5.4mb
LPO	84.24	319	eP	10	00.80	0.8
	0.9s		9.50nm			5.0mb
RJF	84.33	320	eP	10	01.00	0.6
	1.0s		19.60nm			5.3mb
MAT	84.34	50	eP	10	01.00	0.3
LFF	84.64	319	eP	10	02.80	0.8
	1.2s		38.40nm			5.5mb
LSF	84.76	321	eP	10	03.20	0.7
	1.1s		18.30nm			5.2mb
PAB	85.76	313	eP	10	09.00	1.2
MFF	85.95	320	eP	10	09.10	0.6
	0.9s		9.00nm			4.9mb
LDF	86.84	322	eP	10	13.00	0.2
	1.0s		13.20nm			5.1mb
FLN	87.13	322	eP	10	14.50	0.4
	1.1s		16.35nm			5.2mb
LPF	87.13	321	eP	10	14.60	0.4
	0.9s		11.80nm			5.1mb
ZOBO	125.92	237	ePKP	16	34.00	1.5
	24s		0.10um			4.4MszX

LR	58	54.00	
YKA	132.62	1	ePKP 16 41.70 -1.3
	1.0s		1.20nm
RMW	146.87	11	ePKP 17 11.77 2.5
DPW	147.00	7	ePKP 17 10.64 1.2
LRM	149.34	359	ePKP 17 18.00 4.5X
RSSD	150.07	347	ePKP 17 19.70 5.1X
BW06	152.24	355	ePKP 17 17.56 -0.3

S.D. = 0.8 on 66 of 68 obs.

& DEC 11, 1992 07h 29m 59.60s
 36.848 N 121.590 W
 DEPTH = 5.0km
 CENTRAL CALIFORNIA (39)
 <BRK>. ML 3.2 (BRK).

SAO	0.14	125	iPd	30	02.02	-0.5
COE	0.41	351	iPc	30	08.73	0.8
MHC	0.49	355	iPc	30	09.84	0.3
			eS	30	18.58	
ARN	0.50	5	iPd	30	09.88	0.2
PRS	0.54	161	iPd	30	09.84	-0.7
			eS	30	18.83	
LLA	0.57	114	iPd	30	10.73	-0.3
			eS	30	19.49	
PCC	0.91	316	iPc	30	16.68	-0.7
JEGM	0.96	314	eP	30	17.13	-1.2
PRI	1.03	133	iPd	30	19.11	-0.4
BKS	1.15	334	ePd	30	20.10	-1.4
			eS	30	37.90	
HMR	1.32	353	eP	30	24.34	0.0
PHAM	1.39	136	(P)	30	25.53	-0.2
PKEM	1.43	123	eP	30	26.79	0.6
FRI	1.51	84	iPc	30	26.59	-0.8
			eS	30	46.42	
CMB	1.52	39	iPd	30	26.12	-1.5
			eS	30	45.67	
NTYM	1.76	331	eP	30	29.04	-1.8
BCH	2.06	143	eP	30	33.35	-2.0
MMPM	2.18	69	ePn	30	36.81	-0.6
MTUM	2.47	77	ePn	30	40.32	-1.1
MRCM	2.59	71	(Pn)	30	43.38	0.2
ORV	2.70	1	ePn	30	43.60	-0.9
ISA	2.78	114	ePn	30	44.00	-1.7
KVN	3.53	50	(Pn)	30	54.53	-1.8
			ePg	31	06.49	
TNP	3.69	69	(Pn)	30	56.58	-2.2
			ePg	31	06.07	
SSK	4.13	128	ePn	31	01.55	-3.3
GSC	4.17	110	ePn	31	03.16	-2.2
TPNV	4.28	87	ePn	31	06.54	-0.5
LBFM	4.50	357	(P)	31	14.23	4.1
PEC	4.67	128	(P)	31	12.64	0.2

29 obs. associated

? DEC 11, 199

11d 07h

0.7s 7.60nm 4.6mb
LPO 44.33 306 eP 41 59.30 0.1
0.6s 4.70nm 4.5mb
LFF 44.67 306 eP 42 02.10 0.2
0.6s 15.35nm 5.0mb
MFF 45.39 309 eP 42 07.60 -0.1
0.6s 4.25nm 4.5mb
LDF 45.56 312 eP 42 07.80 -1.1
0.5s 3.20nm 4.5mb
FLN 45.81 312 eP 42 09.90 -1.0
0.6s 4.95nm 4.6mb
YKA 88.97 355 eP 46 43.20 0.3
0.8s 0.60nm 4.0mb
S.D. = 1.2 on 21 of 21 obs.

? DEC 11, 1992 08h 00m 15.62± 6.79s
41.503 N ± 49.8km 23.205 E ± 9.6km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

KNT 0.41 214 iPg 00 24.01 0.0
eSg 00 29.10
SRS 0.48 143 ePg 00 25.14 -0.3
eSg 00 32.78
SOH 0.69 171 ePg 00 29.38 0.1
eSg 00 38.94
GRG 0.82 228 ePg 00 31.41 0.0
iSg 00 42.22
OUR 1.31 153 iPb 00 40.10 0.3
S.D. = 0.3 on 5 of 5 obs.

& DEC 11, 1992 08h 04m 21.90s
36.845 N 121.585 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.9 (BRK).

SAO 0.14 125 iPd 04 24.44 -0.3
eS 04 26.61
COE 0.42 350 ePc 04 31.04 0.8
MHC 0.50 355 iPc 04 32.19 0.3
eS 04 41.11
ARN 0.51 5 iPd 04 32.24 0.2
PRS 0.54 161 iPd 04 32.21 -0.5
LLA 0.56 114 iPd 04 33.08 -0.1
PCC 0.91 316 iPc 04 39.02 -0.8
PRI 1.02 133 ePc 04 41.66 -0.1
BKS 1.15 333 iPc 04 42.84 -1.1
eS 05 00.25
FRI 1.51 84 iPc 04 48.99 -0.6
eS 05 08.73
CMB 1.52 38 iPd 04 48.46 -1.4
iS 05 08.08
NTYM 1.76 331 eP 04 51.63 -1.6
BCH 2.06 143 eP 04 55.66 -2.0
MMPM 2.18 69 (P) 04 59.49 -0.2
ORV 2.71 1 eP 05 06.67 -0.2
ISA 2.78 114 eP 05 06.52 -1.4
BONR 2.84 66 (P) 05 08.76 -0.3
TPNV 4.28 87 (P) 05 30.42 1.1
18 obs. associated

? DEC 11, 1992 08h 33m 46.60± 2.05s
16.772 S ± 70.7km 172.982 W ± 45.3km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)

SAMOA ISLANDS REGION (169)
DZM 20.10 252 iPc 38 26.20 5.6X
WB2 49.92 258 eP 42 39.30 -0.2
ASPA 50.08 253 iPc 42 40.30 -0.5
1.0s 17.40nm 5.0mb
SES 86.10 34 eP 46 25.00 -0.4
pP 46 34.00 28kmX
BJI 86.70 313 eP 46 29.00 0.6
YKA 91.19 23 eP 46 48.20 -1.0
1.0s 0.50nm 3.8mb
PRU 146.31 351 ePKP 53 25.70 1.5
e 53 36.50
GRF 146.99 355 ePKP 53 29.50 4.2X
GEC2 147.55 352 PKP 53 29.60 3.2X
1.1s 4.39nm
S.D. = 1.1 on 6 of 9 obs.

* DEC 11, 1992 08h 33m 50.39± 0.81s
7.194 N ± 14.7km 127.259 E ± 18.6km
DEPTH = 33.0km (normal)

4.4mb (2 obs.)
PHILIPPINE ISLANDS REGION (248)

BIP 1.43 316 iPd 34 13.80 -0.5
iS 34 23.00
CGP 2.83 296 ePd 34 34.50 0.2
eS 35 08.00
KNA 22.84 176 eP 38 53.00 1.1
0.8s 19.00nm 4.6mb
WB2 27.86 166 eP 39 38.60 -0.6
OIS 30.13 156 eP 39 59.00 -0.6
STKA 41.19 161 eP 41 33.50 -0.1
YKA 96.15 24 eP 47 16.60 0.6
0.7s 0.60nm 4.2mb
S.D. = 0.8 on 7 of 7 obs.

DEC 11, 1992 09h 25m 29.70± 1.08s
32.892 N ± 7.4km 46.391 E ± 4.8km
DEPTH = 53.8 ± 10.6 km
4.8mb (2 obs.)

IRAN-IRAQ BORDER REGION (346)
Felt at Dehloran, Iran.

KER 1.57 22 iPc 25 55.20 -0.6
eS 26 16.00
TEH 5.01 54 ePn 26 45.00 0.6
TAB 5.16 359 e(P) 27 03.00 16.5X
SHI 6.17 120 eP 26 59.00 -1.6
GAZ 8.65 302 eP 27 38.00 3.1X
BHL 9.04 279 Pn 28 32.00 51.7X
Sn 30 22.00
MML 9.27 270 eP 28 19.80 36.4X
MZDA 9.55 264 eP 28 32.00 44.9X
MAIO 11.32 69 eP 28 13.00 1.6
MLR 20.17 315 eP 30 02.00 -0.3
SKO 21.73 302 eP 30 20.50 2.5X
OHR 21.97 299 eP 30 21.50 1.0
GZR 22.07 311 ePd 30 22.00 0.5
OBN 23.25 346 iPd 30 33.00 0.2
0.9s 46.00nm 4.9mb
e 30 49.00
KSH 24.70 66 P 30 48.60 1.4
0.8s 40.00nm 5.0mb
SPC 25.39 318 eP 30 54.80 1.1
SRO 25.89 313 iP 31 04.80 6.7X
OJC 26.17 319 eP 31 01.00 0.4
NDI 26.76 91 eP 31 06.00 -0.3
ZST 26.79 313 eP 31 08.20 1.9
KAF 31.95 342 eP 31 46.20 -6.0X
SBF 32.17 301 eP 31 54.60 0.1
1.1s 37.60nm 5.1mb
HYB 32.78 110 ePc 32 00.30 0.4
LPG 32.87 304 eP 32 00.60 -0.2
0.7s 10.70nm 4.8mb
LPL 32.89 304 eP 32 00.50 -0.4
0.8s 14.65nm 4.9mb
HAU 33.59 309 eP 32 05.60 -1.1
WMO 33.86 59 eP 32 09.00 -0.1
HFS 34.69 332 eP 32 14.80 -1.1
0.5s 8.30nm 4.9mb
SMF 35.04 306 iPc 32 18.60 -0.5
0.8s 23.10nm 5.2mb
LOR 35.11 307 eP 32 18.90 -0.9
1.0s 6.60nm 4.5mb
SSF 35.32 306 iPc 32 21.10 -0.4
0.8s 12.20nm 4.9mb
AVF 35.39 306 eP 32 21.50 -0.6
1.1s 15.15nm 4.8mb
TCF 36.12 305 eP 32 28.10 -0.2
0.8s 4.55nm 4.5mb
NAO 36.24 331 P 32 28.20 -0.9
0.8s 8.20nm 4.7mb
GRR 38.41 308 eP 32 46.90 -0.6
0.9s 15.05nm 4.9mb
BCAO 38.45 229 iPd 32 49.00 0.9
0.5s 5.00nm 4.7mb
LPF 38.50 307 eP 32 47.40 -0.8
1.1s 12.70nm 4.7mb
EKA 40.93 318 P 33 09.00 0.8
1.4s 15.50nm 4.6mb
XAN 51.43 70 P 34 30.70 -0.9
HHC 51.67 61 P 34 33.50 0.1
1.4s 12.00nm 4.7mb
DAG 52.60 345 eP 34 39.60 -0.1
0.5s 4.93nm 4.8mb

KIC 54.25 252 P 34 53.30 0.7
LIC 54.56 253 P 34 55.40 0.5

TIA 57.15 65 eP 35 12.40 -0.8
LMN 79.98 319 eP 37 39.00 4.4X
FBA 81.90 6 e(P) 37 40.00 -4.3X
1.0s 2.00nm 4.1mb
YKA 83.72 351 eP 37 53.60 -0.1
0.8s 2.60nm 4.3mb
S.D. = 0.9 on 37 of 47 obs.

* DEC 11, 1992 10h 13m 56.85± 2.03s
31.443 S ± 8.4km 72.848 W ± 18.7km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 4.5 (SAN).

IHA 1.88 147 eP 14 30.50 1.2
iS 14 57.20
ROCH 2.18 135 iPd 14 32.84 -1.0
iS 14 55.73
JACH 2.28 123 iPd 14 33.71 -1.5
iS 14 57.54
LCCH 2.30 152 iPd 14 36.32 1.0
PEL 2.50 133 iP+ 14 37.33 -0.9
iS 15 03.77
TACH 2.73 144 iP 14 42.03 0.5
iS 15 11.51
LNV 2.78 155 iPd 14 42.52 0.3
FCH 2.87 132 iPd 14 42.46 -1.3
eS 15 15.49
PCH 2.93 138 eP 14 44.28 -0.2
ZON 3.56 93 eP 14 56.20 2.8
RTCV 3.70 98 e(P) 14 57.00 1.7
(S) 15 39.00
RTLL 3.75 89 ePd 14 56.60 0.6
eS 15 39.00
CFA 3.94 94 ePc 15 00.20 1.5
S 15 44.60
RFA 4.95 133 ePc 15 12.60 -0.5
(S) 16 25.00
RTPR 5.57 80 e(P)d 15 21.00 -0.7
MRA 6.15 101 e(P) 15 30.00 0.2
CYA 6.81 66 iPc 15 38.50 -0.8
TCA 7.06 91 eP 15 40.00 -2.8
(S) 16 58.80
CNCB 15.23 18 P 17 39.00 4.9X
LPB 15.46 17 eP 17 37.00 -0.1
ZOBO 15.69 17 P 17 44.50 4.3X
S.D. = 1.4 on 19 of 21 obs.

? DEC 11, 1992 10h 19m 28.16± 1.57s
31.574 S ± 6.9km 72.572 W ± 15.4km
DEPTH = 6.0 ± 4.2 km
OFF COAST OF CENTRAL CHILE (134)
MD 4.6 (SAN).

IHA 1.65 152 eP 19 58.30 0.6
eS 20 25.50
ROCH 1.92 137 iPd 20 00.74 -1.2
JACH 2.01 124 iPd 20 01.59 -1.5
LCCH 2.08 156 iPd 20 04.13 0.2
iS 20 34.97
PEL 2.24 135 iP+ 20 05.22 -1.1
iS 20 35.96
TACH 2.49 147 iPd 20 09.97 0.1
LNV 2.57 158 iPd 20 10.33 -0.6
FCH 2.60 133 iP 20 10.75 -1.1
eS 20 45.69
PCH 2.68 140 eP 20 12.69 0.0
CACH 3.03 147 eP 20 19.48 1.8
ZON 3.32 91 eP 20 23.20 1.4
RTCV 3.45 96 i(P) 20 24.60 1.0
(S) 21 06.00
RTLL 3.51 87 eP 20 24.20 -0.3
S 21 06.50
CFA 3.70 92 ePd 20 27.80 0.7
(S) 21 09.00
RFA 4.69 134 iP 20 46.00 4.7X
(S) 20 58.00
RTPR 5.36 78 ePc 20 48.70 -1.9
MRA 5.89 100 e(P) 20 54.10 -3.9X
CYA 6.65 64 eP 21 06.50 -2.4X
TCA 6.82 90 e(P) 21 08.00 -3.3X
(S) 22 25.60
FSA 7.94 48 iPd 21 30.90 4.1X
CNCB 15.28 17 P 23 16.00 9.3X
LPB 15.52 16 (P) 23 26.00 16.3X
ZOBO 15.75 16 P 23 12.10 -0.7
SIV 18.72 37 P 23 50.20 0.6

S.D. = 1.2 on 17 of 24 obs.
 ? DEC 11, 1992 11h 11m 45.68±6.60s
 5.976 S ±39.3km 147.645 E ±62.5km
 DEPTH = 82.3 ±16.7 km
 4.5mb (1 obs.)

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

LAT 0.94 223 iPd 12 03.40 -1.0
 YYYY 1.69 261 eP 12 15.30 1.2
 MDG 1.99 291 eP 12 17.70 -0.4
 PMG 3.44 188 iPc 12 38.60 0.5
 WWKK 4.64 300 eP 13 00.00 5.9X
 WB2 18.97 222 iPd 16 01.90 -1.5
 ASPA 22.01 216 iPc 16 35.60 1.1
 0.6s 11.90nm 4.5mb
 eS 20 39.20

S.D. = 1.7 on 6 of 7 obs.

DEC 11, 1992 11h 37m 39.03±0.50s
 42.423 N ±8.0km 43.530 E ±5.7km
 DEPTH = 33.0km (normal)
 4.2mb (15 obs.)

NORTHWESTERN CAUCASUS (362)

MTA 1.19 127 iPg 38 00.20 0.8
 i 38 17.60
 PYA 1.65 348 iPg 38 07.00 1.0
 iS 38 32.00
 GRO 1.83 59 iPnc 38 13.50 4.8X
 MAK 2.94 77 ePn 38 23.00 -1.4
 SOC 3.03 294 ePn 38 32.00 6.3X
 e 38 36.00
 eS 39 10.00
 e 39 16.00
 TBZ 3.15 244 ePn 38 19.00 -8.5X
 ANN 5.15 301 ePn 38 44.00 -11.8X
 OBN 13.48 343 eP 40 49.00 -1.1
 1.0s 15.00nm 4.9mb
 (S) 43 24.00

SVE 18.09 31 ePc 41 48.00 -1.2
 1.9s 60.00nm 4.4mb
 BRVK 20.78 50 iPc 42 20.00 0.5
 1.0s 14.00nm 4.3mb
 eS 46 05.00

GEC2 21.73 297 P 42 29.90 0.6
 0.8s 2.03nm 3.6mb
 CLL 22.55 304 iPd 42 50.60 13.4X
 1.3s 19.00nm

HFS 25.40 325 eP 43 04.70 0.0
 0.5s 2.10nm 4.0mb
 LPG 26.50 289 eP 43 15.10 -0.3
 0.9s 5.40nm 4.2mb

LPL 26.52 289 eP 43 15.10 -0.4
 1.0s 11.00nm 4.4mb
 HAU 26.60 295 eP 43 16.30 0.4
 0.9s 6.20nm 4.2mb

NAO 26.97 324 P 43 20.90 1.7
 0.8s 5.20nm 4.2mb
 LBF 28.27 293 eP 43 30.70 -0.4
 0.8s 4.45nm 4.2mb

SMF 28.39 292 eP 43 32.10 -0.1
 0.9s 5.10nm 4.2mb
 SSF 28.58 293 eP 43 32.90 -1.0
 0.7s 2.55nm 4.0mb

AVF 28.71 293 eP 43 34.30 -0.7
 0.7s 3.30nm 4.1mb
 BCAO 43.89 217 iPc 45 43.80 -0.4
 0.2s 8.00nm 5.2mb

BOD 45.64 45 eP 45 58.20 0.4
 FBA 72.65 5 e(P) 49 06.40 1.7
 YKA 73.97 350 eP 49 12.30 -0.1
 0.7s 0.70nm 3.8mb

S.D. = 0.9 on 20 of 25 obs.

& DEC 11, 1992 12h 47m 27.32s
 33.191 N 115.568 W
 DEPTH = 4.3km

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 2.9 (PAS), 2.8 (GS).

GLA 0.64 102 iPd 47 38.95 -1.1
 PLM 1.10 279 eP 47 46.38 -2.2
 PEC 1.50 298 ePn 47 51.72 -3.4
 SSK 2.04 300 (Pn) 48 02.46 -0.6
 GSC 2.34 334 ePn 48 05.14 -2.1
 ePg 48 10.83

TPNV 3.79 352 (Pn) 48 27.37 -0.6
 ePg 48 39.13
 ARUT 4.90 20 ePn 48 44.34 0.6
 PV10 7.41 44 (P) 49 21.08 2.0
 8 obs. associated

? DEC 11, 1992 12h 50m 00.80±1.30s
 9.341 N ±21.4km 86.588 W ±27.1km
 DEPTH = 33.0km (normal)
 4.4mb (6 obs.) 3.9Msz (1 obs.)
 OFF COAST OF COSTA RICA (77)

UYO 25.74 345 iPc 55 29.10 -1.0
 CEH 27.30 13 eP 55 42.18 -2.2
 0.8s 31.90nm 5.0mb

MEO 27.60 338 iPc 55 46.90 -0.3
 WMOK 27.64 338 eP 55 46.59 -0.9
 1.0s 57.53nm 5.2mb

ACO 29.52 339 iPd 56 02.60 -1.9
 ALO 31.30 327 eP 56 24.20 3.8X
 1.0s 5.00nm 4.3mb

ZOBO 31.34 144 (P) 56 21.00 -0.4
 Z 20s 0.29um 3.9Msz
 LR 07 42.00

GOL 34.57 334 eP 56 52.20 3.3X
 0.6s 2.06nm 4.2mb

GLA 35.14 316 eP 56 57.37 3.8X
 PV10 35.25 329 eP 56 56.09 1.3
 SIV 35.66 135 P 57 21.00 22.9X

SRU 36.57 328 eP 57 07.20 1.4
 EMUT 37.25 329 eP 57 12.64 1.1
 EEO 37.72 8 eP 57 16.00 0.9

RSSD 37.82 339 (P) 57 16.00 -0.2
 DAU 37.92 329 (P) 57 21.00 3.8X
 BW06 38.91 333 (P) 57 24.25 -1.2

1.1s 5.39nm 4.2mb
 LMN 40.90 23 eP 57 44.00 2.5
 ULM 41.50 351 eP 57 48.00 1.6

BGMT 41.95 333 eP 57 51.70 1.3
 YKA 56.81 345 eP 59 42.20 -1.9
 1.1s 1.80nm 4.0mb

LIC 80.71 85 P 02 21.00 8.1X
 KIC 80.98 85 P 02 22.40 8.1X
 HYB 149.63 29 ePKP 09 57.20 12.4X

CHG 151.50 349 ePKP 10 02.00 14.5X
 GBA 152.23 35 PKP 10 04.00 15.4X

S.D. = 1.6 on 16 of 26 obs.

DEC 11, 1992 12h 56m 39.05±1.19s
 41.688 N ±11.0km 22.376 E ±7.8km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.4 (SKO).

VAY 0.39 158 iPg 56 46.60 -0.5
 iSg 56 52.00

KNT 0.66 143 ePg 56 51.33 -0.8
 eSg 57 00.76

GRG 0.73 179 ePg 56 52.21 -1.2
 SKO 0.76 292 ePn 56 53.30 -0.5
 SRS 1.08 122 ePg 56 59.92 0.6

eSg 57 14.36
 SOH 1.14 139 ePg 57 00.40 0.0
 eSg 57 14.55

FNA 1.18 220 iPg 57 02.10 1.0
 LIT 1.59 177 ePb 57 07.88 0.6
 PAIG 2.02 150 ePb 57 14.32 0.8

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

% DEC 11, 1992 12h 58m 50.20±0.97s
 47.304 N ±8.2km 0.377 W ±22.8km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.4 (LDG).

MFF 0.72 167 Pg 59 04.30 -0.1
 Sg 59 13.60

LPF 0.86 329 Pg 59 06.10 -0.6
 Sg 59 17.40

GRR 1.13 344 Pg 59 12.00 0.6
 Sg 59 26.30

LDF 1.30 7 Pg 59 13.60 -0.7
 Sg 59 30.60

FLN 1.46 357 Pg 59 17.20 0.6
 Sg 59 36.00

S.D. = 0.9 on 5 of 5 obs.

* DEC 11, 1992 13h 11m 18.24±0.82s
 41.834 N ±8.1km 17.876 E ±7.9km
 DEPTH = 10.0km (geophysicist)
 ADRIATIC SEA (382)
 ML 2.6 (TTG).

HCY 0.77 37 iPg 11 32.02 -1.2
 iSg 11 42.13

BDV 0.84 57 iPg 11 33.63 -0.8
 iSg 11 45.16

ULC 1.03 82 iPg 11 37.76 0.0
 iSg 11 52.67

BRT 1.08 208 P 11 38.00 -0.6
 eSg 11 51.70

BRY 1.18 25 iPg 11 39.47 -0.8
 iSg 11 55.46

TTG 1.19 60 iPg 11 40.15 -0.3
 iSg 11 56.76

NKY 1.28 40 ePg 11 41.52 -0.6
 iSg 11 59.34

HVAR 1.71 322 iPn 11 48.80 0.6
 iSn 12 10.30

PVY 1.73 63 iPnc 11 50.12 1.4
 iSn 12 14.20

IVA 1.82 55 iPnd 11 51.20 1.2
 iSn 12 16.04

PLE 1.87 36 iPnc 11 51.70 1.1
 iSn 12 16.84

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

& DEC 11, 1992 13h 17m 36.60s
 37.475 N 118.827 W
 DEPTH = 10.0km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <BRK>. ML 3.3 (BRK), 2.9 (GS).

MMPM 0.21 310 iPd 17 40.71 -0.6
 MEMM 0.21 335 iPd 17 40.86 -0.3

MTUM 0.24 120 iPd 17 40.96 -0.9
 MRCM 0.32 52 iPc 17 42.38 -1.0
 eS 17 46.91

BONR 0.64 41 iPc 17 48.19 -1.4
 FRI 0.85 236 iPc 17 52.34 -0.7
 eS 18 04.96

CMB 1.36 295 iPc 18 00.86 -0.7
 iS 18 18.62

TNP 1.41 64 eP 18 01.98 -0.5
 KVN 1.67 20 (P) 18 07.00 0.7

ISA 1.83 171 eP 18 09.36 0.9
 eS 18 32.86

LLA 1.90 244 iPc 18 10.27 0.9
 eS 18 37.72

PRI 1.99 228 iPd 18 12.04 1.3
 eS 18 38.37

TPNV 2.12 104 ePn 18 12.93 0.2
 ARN 2.16 267 ePn 18 14.12 1.0
 eS 18 43.01

SAO 2.21 252 eP 18 14.60 0.7
 MHC 2.25 267 eP 18 15.80 1.3
 eS 18 44.85

COE 2.28 265 (P) 18 17.25 2.4
 PRS 2.34 242 iPc 18 16.41 0.7

GSC 2.71 142 eP 18 26.84 5.7
 ARUT 4.29 84 (P) 18 45.89 2.3

20 obs. associated

? DEC 11, 1992 13h 22m 21.54±10.00s
 40.124 N ±81.2km 28.052 E ±28.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).

BNT 0.25 337 iPg 22 27.60 0.7
 iSg 22 31.60

EDC 0.27 327 iPg 22 27.00 -0.1
 iSg 22 31.00

KCT 0.26 62 iPg 22 27.00 -0.1
 YLV 1.10 66 ePn 22 43.00 0.7

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

* DEC 11, 1992 13h 31m 40.07±0.41s
 17.696 S ±10.5km 173.125 W ±13.6km
 DEPTH = 33.0km (normal)
 5.0mb (13 obs.) 5.3Msz (1 obs.)
 TONGA ISLANDS (173)
 DZM 19.70 254 iPc 36 12.00 2.2

11d 13h

WCZ	21.30	209	eP	36	25.40	-0.7	CDF	149.36	359	ePKP	51	25.20	2.5X			iS	48	51.83				
URZ	22.20	201	eP	36	33.40	-1.7		1.6s	53.50nm						PEL	1.61	0	iPd	48	34.33	0.3	
NOZ	22.23	199	eP	36	34.90	-0.5	HAU	149.77	1	ePKP	51	26.30	3.1X					iS	48	55.21		
WLZ	22.40	204	eP	36	37.80	0.7		1.2s	30.35nm						ROCH	1.80	352	iP	48	36.29	-0.4	
MOZ	23.26	205	eP	36	45.70	0.2	HRI	149.81	306	iPKPd	51	28.90	5.0X			RFA	1.84	91	iPc	48	36.80	-0.2
ORZ	26.16	205	eP	37	14.20	1.1	WTTA	150.25	353	iPKPc	51	27.80	3.6X					(S)	49	00.00		
KHZ	27.14	202	eP	37	23.60	1.5	HMDT	150.38	305	iPKPd	51	30.00	5.4X			JACH	2.07	2	iP	48	39.65	-0.5
LTZ	27.92	203	eP	37	32.00	2.7X	LOR	150.40	4	ePKP	51	27.70	3.5X					iS	49	04.97		
LMZ	29.90	206	eP	37	46.60	-0.4		1.4s	40.95nm						S.D. = 0.3 on 10 of 10 obs.							
BWZ	30.32	204	eP	37	53.50	2.8X	SSF	150.58	5	ePKP	51	28.30	3.8X			DEC 11, 1992 13h 51m 11.80± 0.70s						
RMQ	36.28	249	eP	38	40.80	-1.7		1.2s	25.00nm						41.587 N ± 9.6km 13.973 E ± 5.5km							
CTA	38.44	260	P	39	00.90	0.1	LBF	150.69	4	ePKP	51	28.50	3.8X			DEPTH = 10.0km (geophysicist)						
CMS	39.54	242	eP	39	07.40	-2.4		1.3s	25.25nm						SOUTHERN ITALY (390)							
TOO	41.26	233	eP	39	22.00	-1.9	AVF	150.84	5	ePKP	51	28.40	3.6X			SDI	0.17	315	Pd	51	15.50	-0.2
STKA	43.16	242	eP	39	38.00	-1.5		0.9s	6.40nm									iSg	51	20.00		
STK	43.16	242	P	39	40.70	1.2	PTJ	150.88	347	ePKP	51	14.40	-10.7X			DUI	0.37	78	Pc	51	19.70	0.2
WB2	49.60	259	eP	40	36.70	6.2X	SMF	151.02	4	ePKP	51	29.00	3.9X					eSg	51	27.00		
	0.5s	7.30nm			5.0mb			0.9s	7.35nm							AQU	0.88	331	P	51	30.00	1.3
ASPA	49.69	254	iPc	40	28.40	-2.8	BGF	151.03	6	ePKP	51	29.10	4.0X					eSg	51	44.50		
	0.7s	42.00nm			5.6mb			1.1s	15.15nm							RDP	0.96	281	P	51	30.50	0.4
		eS	47	02.60			LSF	151.18	8	ePKP	51	27.40	2.0					eSg	51	44.50		
TNP	76.34	42	eP	43	27.29	-0.7	TCF	151.23	7	ePKP	51	27.70	2.2					eSg	51	29.00	-1.4	
	1.1s	12.99nm			4.9mb			1.4s	22.65nm									eSg	51	45.00		
MDJ	80.99	323	eP	43	53.00	0.1	MAF	151.33	6	ePKP	51	28.20	2.6X					eSg	51	45.00		
ALQ	82.07	50	eP	43	58.70	-0.3		1.3s	19.15nm							MGR	1.88	140	P	51	44.50	0.2
	0.8s	3.45nm			4.4mb		BCAO	162.56	222	iPKPd	51	42.00	1.7			HVAR	2.43	48	e(Pn)	51	50.30	-1.8
HHA1	82.32	40	(P)	43	58.40	-1.6		0.9s	9.00nm							CRE	2.53	324	P	51	54.00	0.4
MCMT	82.87	39	eP	44	00.30	-2.7			iC	52	27.20					BRT	2.54	105	P	51	53.50	-0.2
BW06	83.80	42	eP	44	03.98	-3.8X	S.D. = 1.5 on 50 of 74 obs.								VBY	4.03	13	iPn	51	51.80	-23.0X	
	1.5s	15.41nm			4.9mb		DEC 11, 1992 13h 44m 23.59± 0.45s										iSn	53	01.00			
FBA	84.59	11	eP	44	09.39	-1.5		40.836 S ± 3.8km 175.104 E ± 4.4km								OHR	5.16	93	ePn	52	31.80	0.8
	1.1s	28.13nm			5.4mb			DEPTH = 54.6 ± 8.9 km								S.D. = 1.1 on 10 of 11 obs.						
IMA	84.79	8	eP	44	11.00	-1.1	NORTH ISLAND, NEW ZEALAND (159)								& DEC 11, 1992 13h 57m 24.31s							
	1.0s	5.50nm			4.7mb		KIW	0.15	259	Pd	44	31.30	-0.6			62.252 N 148.433 W						
GOL	85.05	46	eP	44	16.79	2.6X	CAW	0.27	186	Pc	44	33.10	0.1			DEPTH = 19.1km						
	0.8s	2.98nm			4.5mb		MNG	0.36	53	P	44	32.90	-0.9			CENTRAL ALASKA (1)						
GLD	85.18	46	(P)	44	13.30	-1.4			S	44	39.00					<AEIC>. ML 2.9 (AEIC), 3.2						
SES	86.93	34	eP	44	20.00	-2.9	MTW	0.44	137	P	44	35.00	0.4			(PMR).						
		pP	44	31.00	35kmX		MRW	0.50	217	P	44	35.60	0.4			SML	0.45	174	iPd	57	33.41	-0.1
BJI	87.23	313	eP	44	25.00	0.5	WEL	0.52	209	Pd	44	36.00	0.6					eS	57	40.86		
	1.5s	29.00nm			5.3mb				S	44	44.50					GHO	0.53	206	P	57	34.50	-0.5
TIY	88.92	310	eP	44	33.00	0.2	MOW	0.60	169	P	44	37.10	0.7					S	57	43.10		
Z	22s	1.29um			5.3msz		BLW	0.60	152	P	44	37.00	0.6			SCM	0.67	128	iPd	57	36.03	-1.2
HHC	90.77	313	P	44	42.00	0.6	TCW	0.73	239	P	44	38.50	0.5					eS	57	46.36		
	1.2s	12.00nm			5.1mb		DIW	0.90	272	P	44	40.50	0.3			PLRM	0.74	207	iPd	57	37.06	-1.3
BTO	91.76	312	eP	44	44.30	-1.6	PGZ	0.92	77	Pd	44	40.20	-0.2					eS	57	47.29		
YKA	92.09	23	eP	44	43.20	-3.6X	BSZ	1.04	353	P	44	42.80	0.6			PMR	0.74	207	ePd	57	37.50	-0.9
	1.3s	2.50nm			4.5mb		WAHZ	1.49	41	P	44	47.70	-0.7			KNK	0.84	181	iPd	57	38.90	-1.2
KMI	92.25	296	eP	44	49.50	0.9	DRZ	1.60	13	eP	44	50.10	-0.1					eS	57	50.51		
	1.5s	30.00nm			5.5mb		CNZ	1.67	12	P	44	51.40	0.4			PWA	0.91	229	P	57	40.70	-0.6
CHG	93.68	288	eP	44	56.10	1.0	NGZ	1.70	13	P	44	51.80	0.3			HUR	0.92	323	iPc	57	40.07	-1.3
LZH	94.79	306	eP	45	00.00	0.0	NRZ	1.75	329	P	44	53.10	1.1					eS	57	52.93		
	1.5s	19.00nm			5.3mb		THZ	1.90	240	eP	44	54.20	0.0			TOA	1.07	97	P	57	42.50	-1.6
MAIO	130.21	303	ePKP	50	49.00	0.0	ORZ	1.95	269	eP	44	54.70	-0.2					S	57	58.90		
OJC	145.93	345	ePKP	51	17.00	-0.1	KHZ	1.97	216	P	44	55.00	-0.1			PMS	1.14	208	P	57	43.50	-1.7
		e	51	19.50					eS	45	17.80				RND	1.17	351	iPc	57	43.79	-2.0	
KSP	146.08	349	iPKPc	51	16.40	-0.9	MOZ	2.34	354	eP	45	00.20	-0.1					eS	57	58.95		
	1.3s	72.00nm							eS	45	27.50				SUA	1.35	235	iPd	57	47.35	-0.9	
CLL	146.11	353	iPKPc	51	16.30	-1.0	DSZ	2.65	249	eP	45	04.10	-0.6			SDG	1.37	77	iPc	57	47.05	-1.5
	1.5s	87.00nm					LTZ	2.88	227	P	45	06.70	-1.3			KLU	1.41	122	iPd	57	46.83	-2.3
BRG	146.42	352	iPKP	51	17.40	-0.4			eS	45	38.80							eS	58	05.77		
	1.2s	32.00nm					URZ	3.00	32	eP	45	06.40	-3.4X			PTE	1.42	192	iPc	57	47.59	-1.5
SPC	146.77	344	ePKP	51	19.60	0.9	MOZ	3.40	212	eP	45	11.80	-3.5X			TZL	1.43	97	iPc	57	48.21	-1.1
MOX	146.91	354	ePKP	51	22.70	4.1X			eS	45	48.90				TRF	1.47	326	iPc	57	48.11	-2.0	
	1.5s	41.00nm					ODZ	5.33	216	eP	45	39.10	-3.4X			SKT	1.48	261	ePc	57	48.32	-1.7
PRU	147.20	351	ePKP	51	20.50	1.4			eS	46	33.50							eS	58	08.89		
		e	52	17.90			S.D. = 0.6 on 23 of 26 obs.									VZW	1.50	142	eP	57	48.24	-2.1

CKT	2.08	241	eP	57	57.37	-1.5
BGL	2.13	244	eP	57	58.72	-0.8
CKL	2.14	242	eP	57	58.60	-1.1
CVA	2.14	142	ePc	57	57.56	-2.0
SEW	2.21	193	eP	57	59.38	-1.2
WRH	2.23	4	eP	57	58.33	-2.6
HDA	2.26	16	eP	57	59.42	-1.9
MTU	2.30	170	P	57	59.50	-2.4
GLB	2.34	108	iPc	58	00.31	-2.1
NEA	2.35	353	eP	57	59.63	-2.9
CCB	2.42	6	eP	58	00.73	-2.8
DOT	2.44	53	eP	58	02.46	-1.4
RDT	2.55	230	eP	58	04.36	-1.1
RAGM	2.60	134	iPd	58	03.50	-2.8
DFR	2.64	233	ePc	58	05.42	-1.3
FBA	2.67	6	P	58	04.50	-2.7
REF	2.71	231	iPc	58	06.67	-1.2
MDM	2.72	2	eP	58	05.17	-2.7
NCT	2.75	234	eP	58	07.14	-1.2
RSO	2.75	231	eP	58	07.20	-1.2
RS2	2.75	231	eP	58	07.33	-1.1
RS1	2.75	231	eP	58	07.34	-1.1
RDW	2.76	232	eP	58	07.39	-1.1
HMT	2.78	132	ePc	58	05.89	-2.9
RED	2.78	231	eP	58	07.43	-1.4
GLM	2.79	9	eP	58	06.83	-2.0
CROM	2.95	118	ePc	58	08.65	-2.5
MLY	2.97	341	iPc	58	08.79	-2.6
MID	3.01	159	P	58	11.10	-0.8
KAIM	3.04	138	ePc	58	09.14	-3.2
ILIM	3.09	227	eP	58	11.86	-1.3
INE	3.14	228	P	58	14.80	0.9
BALM	3.15	110	eP	58	10.90	-3.2
INW	3.16	228	P	58	16.00	1.8
SNH	3.41	125	eP	58	15.21	-2.4
OPT	3.50	224	P	58	18.00	-1.0
PRP	3.52	20	eP	58	17.39	-2.0
TTA	3.57	284	P	58	17.80	-2.2
SVW	3.61	255	eP	58	18.10	-2.5
CTGM	3.63	108	eP	58	17.86	-3.0
PDB	3.74	231	eP	58	20.36	-1.9
YAH	3.74	117	eP	58	18.83	-3.7
AUE	3.78	222	eP	58	21.70	-1.1
AUL	3.78	223	eP	58	21.91	-0.9
AUH	3.80	222	P	58	23.00	-0.2
AUW	3.80	223	P	58	22.10	-1.0
AUI	3.81	222	P	58	21.80	-1.5
IMA	4.47	331	eP	58	30.00	-2.7

84 obs. associated

? DEC 11, 1992 14h 45m 55.30±4.11s
 31.728 S ±23.9km 71.678 W ±29.7km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.2 (SAN).

JACH	1.32	136	iP+	46	17.36	-0.3
			iS	46	33.28	
ROCH	1.36	156	iP	46	17.81	-0.6
			iS	46	35.29	
PEL	1.64	150	iP+	46	22.21	-0.1
			iS	46	42.58	
LCCH	1.74	177	iPd	46	23.80	0.1
			iS	46	46.49	
FCH	1.98	144	iP+	46	27.65	0.2
			iS	46	52.24	
TACH	2.02	162	iP	46	28.04	0.3
			iS	46	53.48	
PCH	2.13	153	iP	46	29.10	-0.2
LNV	2.23	174	iP	46	30.81	0.1
			iS	47	00.66	
MDZ	2.66	116	eP	46	40.30	3.5X
			eS	47	17.10	
RTCV	2.68	94	eP	46	38.70	1.6
			(S)	47	16.00	
CFA	2.93	89	ePd	46	42.00	1.3
RFA	4.06	139	e(P)	46	57.00	0.3
MRA	5.11	99	e(P)	47	11.20	-0.4
TCA	6.06	88	eP	47	22.70	-2.4
			(S)	48	33.20	

S.D. = 1.0 on 13 of 14 obs.

* DEC 11, 1992 16h 01m 26.15±0.68s
 43.422 N ±4.4km 5.429 E ±5.1km
 DEPTH = 10.0km (geophysicist)
 NEAR SOUTH COAST OF FRANCE (379)

GELF	0.04	181	Pg	01	27.86	-0.4
TREF	0.20	351	Pg	01	30.26	-0.4
BERF	0.22	120	Pg	01	30.78	-0.2
PUYF	0.23	61	Pg	01	30.18	-0.9
CDR	0.35	44	ePg	01	32.70	-0.7
PRAF	0.43	334	Pg	01	35.43	0.6
VILF	0.48	26	Pg	01	35.07	-0.8
TAVF	0.50	67	Pg	01	35.81	-0.4
CALN	1.11	72	Pg	01	48.11	1.0
MVIF	1.34	69	Pn	01	51.21	0.3
			Sg	02	10.30	
TOUF	1.45	65	Pn	01	52.83	0.3
AURF	1.45	71	Pn	01	52.83	0.3
SBF	1.52	72	Pn	01	53.96	0.5
			Sg	02	14.94	
AUTN	1.56	68	Pn	01	54.83	0.7
			Sg	02	16.15	
SAOF	1.64	69	Pn	01	55.48	0.3
DOI	1.70	50	P	02	03.30	7.2X
			eSn	02	22.70	
BNI	1.86	28	P	02	01.80	3.4X
			eSn	02	25.90	
CKI	2.29	63	P	02	05.20	0.6
PGF	2.76	107	Pn	02	10.67	-0.7

S.D. = 0.6 on 17 of 19 obs.

? DEC 11, 1992 16h 19m 19.67±6.70s
 47.016 N ±35.2km 1.152 W ±65.8km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.6 (LDG).

MFF	0.81	121	Pg	19	34.70	-0.6
			Sg	19	43.40	
LPF	1.02	4	Pg	19	39.40	0.5
			Sg	19	50.90	
LDF	1.72	23	Pg	19	48.70	-1.2
			Sg	20	05.80	
FLN	1.80	14	Pg	19	51.30	0.3
			Sg	20	10.10	
LSF	2.00	112	Pg	19	53.60	-0.3
			Sg	20	15.00	
TCF	2.43	106	Pg	20	00.70	0.7
			Sg	20	26.10	
RJF	2.52	132	Pg	20	06.30	4.9X
			Sg	20	36.70	
MAF	2.68	106	Pg	20	05.40	1.7X
			Sg	20	33.20	
BGF	2.79	98	Pg	20	05.70	0.6
			Sg	20	34.20	

S.D. = 0.8 on 7 of 9 obs.

% DEC 11, 1992 16h 36m 34.74±1.16s
 47.189 N ±11.1km 0.481 W ±30.3km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.5 (LDG).

MFF	0.63	159	Pg	36	47.40	0.0
			Sg	36	55.80	
LPF	0.92	336	Pg	36	52.00	-0.4
			Sg	37	03.00	
GRR	1.23	348	Pg	36	57.70	0.2
			Sg	37	12.90	
LDF	1.43	10	Pn	36	59.80	-0.9
			Pg	37	01.20	
			Sg	37	19.30	
FLN	1.57	360	Pg	37	03.80	1.1
			Sg	37	23.80	
RJF	2.34	143	Pg	37	18.40	4.5X
			Sg	37	47.90	

S.D. = 1.0 on 5 of 6 obs.

% DEC 11, 1992 17h 45m 54.54±1.70s
 39.318 N ±9.5km 28.836 E ±15.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

DST	0.33	331	iPg	46	01.00	-0.4
			iSg	46	07.00	
KCT	1.00	338	iPn	46	13.80	0.3
BNT	1.25	326	ePn	46	18.00	0.2
YLV	1.31	18	iPn	46	18.80	-0.1
Izm	1.53	234	ePn	46	22.00	0.0

S.D. = 0.4 on 5 of 5 obs.

DEC 11, 1992 17h 58m 20.67±1.09s
 14.860 S ±7.9km 75.803 W ±9.2km
 DEPTH = 39.4 ±10.3 km
 4.6mb (3 obs.)

NEAR COAST OF PERU (115)

NNA	3.03	340	iPc	59	07.00	-0.4
	0.7s		54.79nm			
			i	59	13.00	
			eS	59	42.50	
ARE	4.45	112	eP	59	27.00	-0.8
			iS	00	26.60	
ZOBO	7.53	102	P	00	12.30	0.9
			S	02	20.00	
LPB	7.60	104	P	00	18.00	5.7X
	1.0s		174.00nm			6.0mb X
CNCB	7.77	105	P	00	15.20	0.4
CCH	9.62	106	P	00	40.00	0.0
ANT	10.16	151	eP	00	38.00	-9.1X
SIV	14.25	96	P	01	42.00	0.1
MDZ	19.02	162	eP	02	43.00	0.8
			e	02	52.50	
TCA	19.35	150	eP	02	44.80	-1.2
RFA	20.90	163	eP	03	02.30	0.1
ALO	57.45	330	ePc	08	09.00	0.7
	1.0s		10.25nm			4.8mb
RSSD	64.10	338	eP	08	52.65	-0.7
	0.6s		3.20nm			4.6mb
HVU	65.88	330	eP	09	05.44	0.7
ORV	68.87	324	(P)	09	22.95	-0.5
SES	71.96	337	eP	09	43.00	0.9
LIC	73.20	79	P	09	49.70	-0.3
KIC	73.51	79	P	09	51.40	-0.4
YKA	82.87	343	eP	10	41.90	-0.2
	1.0s		3.20nm			4.3mb

S.D. = 0.7 on 17 of 19 obs.

& DEC 11, 1992 18h 49m 44.41s
 61.990 N 150.529 W
 DEPTH = 7.7km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 2.5 (AEIC).

CUT	0.43	16	eP	49	53.42	0.2
			eS	49	59.88	
PWA	0.46	138	iP	49	54.39	0.7
SKT	0.47	269	iP	49	54.03	0.1
			iS	50	01.29	
			iS	50	01.37	
SUA	0.54	191	iP	49	55.77	0.5
PLRM	0.78	120	iP	49	59.03	-0.7
PMR	0.78	120	eP	49	58.46	-1.2
			eS	50	09.19	
PMS	0.88	148	eP	50	00.58	-1.0
NCG	0.97	234	eP	50	01.47	-1.7
CGLM	0.98	226	eP	50	01.70	-1.6
SML	1.06	99	eP	50	03.45	-1.1
			eS	50	17.89	
CRP	1.06	228	eP	50	03.14	-1.6
			eS	50	18.73	
HUR	1.07	22	eP	50	02.88	-2.0
			eS	50	17.54	
SPU	1.09	223	eP	50	03.30	-1.9
			eS	50	19.29	
CP2	1.10	229	ePn	50	03.44	-1.9
			iPg	50	04.38	
			eS	50	19.07	
CKN	1.10	227	eP	50	04.07	-1.3
CKT	1.13	226	eP	50	04.47	-1.3
			eS	50	20.34	
KNK	1.15	119	eP	50	04.95	-1.1
BGL	1.15	231	eP	50	04.24	-2.0
CKL	1.18	228	eP	50	04.80	-1.8
PTE	1.34	147	eP	50	08.39	-0.9
TRF	1.47	4	eP	50	10.15	-1.3
			eS	50	30.17	
SLKM	1.49	174	eP	50	09.98	-1.6
SCM	1.52	95	eP	50	10.79	-1.3
KTH	1.58	354	eP	50	11.06	-1.8
MPA	1.61	159	eP	50	12.13	-1.0
RND	1.62	28	eP	50	11.36	-2.1
RDT	1.69	213	eP	50	13.41	-1.0
DFR	1.75	218	eP	50	13.80	-1.5
			S	50	36.11	
REF	1.84	216	eP	50	15.95	-0.7
NCT	1.84	220	eP	50	15.05	-1.7
RDW	1.87	217	eP	50	15.60	-1.6

11d 18h

RSO	1.87	216	eP	50	15.91	-1.3
RS2	1.87	216	eP	50	15.79	-1.5
RS1	1.88	216	eP	50	15.83	-1.4
MCK	1.90	22	eP	50	15.40	-2.0
RED	1.91	216	eP	50	16.15	-1.6
GLI	1.99	123	eP	50	18.01	-0.8
TOA	2.06	85	eP	50	19.38	-0.4
KNIM	2.13	139	eP	50	18.85	-2.0
VLZ	2.19	111	eP	50	19.65	-1.9
			eS	50	48.48	
KLU	2.25	101	eP	50	20.68	-1.9
INE	2.30	214	eP	50	20.70	-2.6
FID	2.31	121	eP	50	22.10	-1.3
LT1	2.35	145	eP	50	22.03	-1.9
SDG	2.39	75	eP	50	23.79	-0.8
TZL	2.41	86	eP	50	21.03	-3.7
HIN	2.52	128	eP	50	24.80	-1.6
PAX	2.55	65	eP	50	25.68	-1.1
SVW	2.59	252	eP	50	26.89	-0.5
			eS	50	55.63	
TTA	2.72	293	eP	50	28.89	-0.4
CVA	2.73	120	eP	50	27.38	-1.9
WRH	2.72	23	eP	50	27.13	-2.1
HDA	2.92	32	eP	50	29.29	-2.7
CCB	2.94	24	eP	50	30.33	-1.9
FBA	3.17	22	eP	50	34.21	-1.3
GLB	3.25	97	eP	50	35.36	-1.3
BALM	4.04	100	eP	50	45.15	-2.8

57 obs. associated

7 DEC 11, 1992 19h 05m 08.77±3.71s
 24.590 S ±23.8km 179.898 W ±28.1km
 DEPTH = 560.5 ±35.5 km
 4.8mb (5 obs.)

SOUTH OF FIJI ISLANDS (171)

DZM	12.80	279	iPc	07	55.80	0.0
QRZ	17.39	200	P	08	41.30	0.6
THZ	18.14	198	eP	08	48.60	0.6
DSZ	18.45	200	eP	08	51.50	0.6
LTZ	19.26	198	P	08	56.90	-1.6
RMO	28.31	259	iPd	10	19.50	-0.1
	0.4s	10.00nm			4.8mb	
CAN	28.88	241	iPd	10	24.80	0.3
BWA	29.16	243	iPd	10	25.00	-1.9
CMS	30.93	249	iPd	10	41.90	-0.1
	0.4s	8.00nm			4.7mb	
TOO	32.16	238	iPc	10	53.00	0.7
	0.5s	8.00nm			4.6mb	
STKA	34.56	249	iPd	11	12.70	0.3
ASPA	42.02	261	iPd	12	12.70	-0.4
	0.3s	15.80nm			5.0mb	
WB2	42.44	267	iPd	12	15.50	-1.0
	0.3s	21.00nm			5.1mb	
MBL	55.26	261	iPd	13	41.30	-10.4X
	0.4s	11.00nm				
MUN	56.05	247	eP	13	56.80	-0.2
NANU	58.72	258	iPd	14	15.30	0.0
CHG	90.01	291	eP	17	13.00	2.9
HFS	143.24	349	ePKP	23	38.50	-1.7
	0.4s	5.00nm				

S.D. = 1.3 on 17 of 18 obs.

DEC 11, 1992 19h 12m 44.15±0.82s
 38.342 N ±6.4km 27.146 E ±9.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.6 (ISK), 3.6 (ATH).

IZM	0.11	59	iPg	12	49.80	2.8
CIN	1.05	135	ePg	13	02.00	-1.9
			iSg	13	17.00	
PRK	1.13	323	ePb	13	06.40	1.1
			eSb	13	23.50	
EZN	1.61	337	ePn	13	11.40	-1.3
DST	1.71	42	ePn	13	14.40	0.2
EDC	2.08	15	ePn	13	19.00	-0.5
BNT	2.10	16	iPn	13	19.30	-0.5
KCT	2.12	26	iPn	13	19.80	-0.3
ALT	2.43	72	ePn	13	25.00	0.4
ELL	2.71	125	ePn	13	30.00	1.3
ATH	2.73	263	ePn	13	35.40	6.6X
YLV	2.81	37	ePn	13	30.00	0.0
KSL	2.95	138	ePn	13	30.40	-1.5
NPS	3.31	202	ePn	13	38.50	1.4
DMK	3.51	7	ePn	13	38.60	-1.2
VLI	3.72	245	ePb	13	51.50	8.7X

S.D. = 1.4 on 14 of 16 obs.

DEC 11, 1992 19h 32m 30.15±0.30s
 41.865 N ±3.6km 20.081 E ±3.0km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 3.0 (TTG), 2.8 (TIR).

LACI	0.36	231	iPg	32	38.00	0.4
			iSg	32	43.50	
SDA	0.47	293	iPg	32	39.00	-0.8
			iSg	32	46.00	
TIR	0.54	197	ePg	32	40.70	-0.4
			iSg	32	49.00	
ULC	0.63	279	iPg	32	42.01	-0.8
			iSg	32	52.31	
PVY	0.73	354	iPg	32	43.91	-0.7
			iSg	32	55.23	
TTG	0.83	313	iPg	32	45.42	-0.8
			iSg	32	58.95	
OHR	0.93	144	iPg	32	47.10	-0.8
			iSg	33	01.30	
IVA	1.02	352	iPg	32	49.42	0.0
			iSg	33	04.41	
SKO	1.02	84	ePg	32	49.00	-0.4
			iSg	32	50.70	
BDV	1.02	295	iPg	32	49.28	-0.2
			iSg	33	05.95	
NKY	1.24	320	iPg	32	53.33	0.0
			iSg	33	12.88	
HCY	1.31	297	iPg	32	54.05	-0.4
			iSg	33	14.73	
FNA	1.46	137	ePb	32	56.76	0.2
			eSb	33	17.52	
BRY	1.54	313	iPnc	32	58.65	0.9
			iSb	33	22.53	
PLE	1.55	341	iPnc	32	58.58	0.7
			iSb	33	21.79	
VAY	1.94	105	iPn	33	03.00	-0.5
GRG	1.97	117	ePn	33	04.68	0.8
			eSb	33	08.08	
KNT	2.23	107	ePn	33	07.52	-0.2
			iSb	33	35.60	
LIT	2.54	133	iPn	33	12.32	0.3
SOH	2.68	112	ePn	33	14.52	0.4
			eSb	33	47.68	
SRS	2.74	105	ePn	33	15.04	0.0
HVAR	2.99	297	e(Pn)	33	20.50	2.1

S.D. = 0.7 on 22 of 22 obs.

DEC 11, 1992 19h 34m 30.30±0.18s
 41.866 N ±2.3km 20.034 E ±1.9km
 DEPTH = 10.0km (geophysicist)
 3.6mb (3 obs.)

ALBANIA (391)
 ML 4.2 (ROM), 3.7 (TIR). MD 3.8 (TTG).

SDA	0.44	295	iPg	34	40.00	0.7
			iSg	34	48.10	
TIR	0.53	194	iPg	34	41.00	-0.1
			iSg	34	50.40	
ULC	0.59	280	iPg	34	42.95	0.6
			iSg	34	51.33	
PVY	0.73	356	iPg	34	45.06	0.3
			iSg	34	54.37	
TTG	0.81	315	iPg	34	46.33	0.4
			iSg	34	56.57	
OHR	0.95	142	iPg	34	47.50	-0.9
			iSg	35	01.50	
BDV	0.99	295	iPg	34	49.86	0.8
			iSg	35	03.37	
IVA	1.01	354	iPg	34	50.07	0.6
			iSg	35	03.52	
SKO	1.05	84	iPg	34	49.50	-0.7
			i	34	52.00	
			iSg	35	05.00	
NKY	1.22	321	iPg	34	53.25	0.2
			iSg	35	10.22	
HCY	1.28	297	iPg	34	54.82	0.8
			iSg	35	12.77	
VLO	1.45	196	ePn	34	58.50	1.9
			iSb	35	22.00	
FNA	1.48	136	ePb	34	57.36	0.3
			iSb	35	17.88	
BRY	1.51	314	iPg	34	58.35	0.8

PLE	1.54	342	iSg	35	19.25	
			iPg	34	59.13	1.2
			iSg	35	19.97	
GRG	2.00	116	ePb	35	04.68	0.2
KZN	2.04	139	iPc	35	05.90	0.8
KEK	2.16	185	eP	35	07.70	0.9
KNT	2.26	107	ePn	35	08.04	-0.3
			eSn	35	35.00	
KKB	2.28	89	iPc	35	09.00	0.5
IGT	2.34	174	iPn	35	11.64	2.2
BRT	2.35	246	P	35	10.00	0.5
VTS	2.47	72	iPc	35	12.00	0.7
BAI	2.49	254	P	35	11.50	0.0
THE	2.53	118	ePn	35	12.68	0.6
			eSn	35	43.31	
LIT	2.56	133	ePn	35	12.64	0.1
			eSn	35	45.24	
SOH	2.71	112	ePn	35	14.92	0.2
SRS	2.78	104	ePn	35	15.24	-0.4
HVAR	2.96	298	iPn	35	20.00	1.9
			iSg	36	14.00	
PGB	3.15	76	eP	35	22.00	1.1
AGG	3.34	148	ePn	35	23.92	0.3
			eSn	36	03.87	
PAIG	3.37	124	iPn	35	23.64	-0.4
PLD	3.49	85	eP	35	27.00	1.3
RZN	3.51	91	iPd	35	26.00	-0.1
TDS	3.57	233	P	35	26.30	-0.5
VLS	3.71	173	eP	35	27.80	-1.1
SGO	3.80	251	Pc	35	30.50	0.4
			eSn	36	13.10	
MGR	3.80	244	Pd	35	30.60	0.4
			eSn	36	13.00	
KDZ	4.03	91	eP	35	32.00	-1.4
GZR	4.05	29	ePd	35	34.00	0.3
DUI	4.18	269	P	35	36.50	1.0
DEV	4.52	26	ePc	35	55.00	14.7X
RFI	4.57	265	P	35	41.97	0.9
ALN	4.63	100	ePn	35	39.98	-1.9
SDI	4.65	270	P	35	42.40	0.1
SOI	4.87	220	P	35	43.10	-2.2
			eSn	36	37.00	
ZAG	4.92	325	eP	35	45.00	-0.9
AQU	4.96	278	P	35	48.30	1.7
CMP	4.98	45	ePc	36	02.00	15.1X
PTJ	4.99	325	iPn	35	47.10	0.0
			iSn	36	52.40	
VBY	5.02	318	ePn	35	47.60	0.2
ATN	5.10	225	P	35	46.20	-2.4
			eSn	36	42.50	
RIY	5.38	312	iPn	35	52.80	0.4
			iSn	36	57.90	
ARV	5.48	290	Pd	35	53.30	-0.6
ASS	5.58	285	P	35	55.20	-0.3
			eSn	36	57.10	
CEY	5.61	316	ePnc	35	56.00	0.2
			eSn	37	03.00	
MLR	5.61	48	eP	35	55.00	-0.9
VLI	5.61	155	eP	35	55.60	-0.2
MNO	5.68	228	P	35	56.90	-0.1
LJU	5.76	318	ePn	35	58.00	0.1
			eSn	37	07.00	
TRI	5.94	312	ePn	36	00.00	-0.4
			ePg	36	22.00	
			e	36	25.40	
			eSn	37	08.00	
			eSg	37	45.60	
			e	37	48.00	
			e	37	58.50	
PSZ	6.05	359	iPn	36	01.30	-0.7
SRO	6.07	349	iP	36	03.50	1.3
VOY	6.08	315	iPnc	36	02.30	-0.2
			eSn	37	12.80	
CRE	6.21	289	Pd	36	03.50	-0.8
VRI	6.28	48	eP	36	05.50	0.3
SFI	6.35	292	P	36	06.20	0.0
			eSn	37	13.80	
RBL	6.52	317	Pd	36	08.10	-0.6
ZST	6.66	343	i (Pn)	36	11.00	0.4
FVI	7.03	315	P	36	15.40	-0.3
			eSn	37	30.00	
KBA	7.07	320	iPnc	36	16.20	-0.3
	0.6 s	20.70nm				5.5mb x
		i		37	36.50	
		i		37	49.90	
MME	7.22	292	P	36	18.80	0.1
PII	7.24	288	P	36	18.30	-0.3

CTI	7.35	307	P	36	19.00	-1.4			iS	46	12.06			eSn	58	59.27			
BHG	7.75	321	iPd	36	26.60	0.7			iP	45	55.07	-0.4	AGG	3.31	148	ePn	58	34.88	0.5
WTTA	8.06	315	iPnc	36	28.90	-1.5			iS	46	12.27			eSn	59	16.00			
			i	36	30.10				iP	46	00.97	0.3	PAIG	3.33	124	ePn	58	34.12	-0.5
			i	37	51.70				iS	46	22.18		SGO	3.85	252	P	58	41.10	-0.8
			i	38	01.70				eP	46	14.70	5.2X		eSn	59	18.30			
OGA	8.16	311	eP	36	30.50	-1.3			S.D. = 0.5	on	9 of 10 obs.		MGR	3.86	245	P	58	41.20	-0.8
BOB	8.25	294	P	36	33.00	0.1								eSn	59	17.90			
SOTA	8.27	313	iPnc	36	33.00	-0.2							DUI	4.23	269	P	58	48.10	0.7
KHC	8.56	330	ePn	36	37.00	-0.2							SDI	4.71	270	P	58	55.40	1.2
			e	36	49.50								VBY	5.05	318	ePn	58	59.10	0.1
			e	37	22.00									eSn	00	21.70			
OSS	8.58	308	P	36	36.95	-0.6							ASS	5.64	285	P	59	06.20	-1.1
VDL	8.88	305	P	36	42.13	0.3							S.D. = 0.9	on	32 of 33 obs.				
PRU	8.98	337	ePn	36	48.50	5.7X													
			e	37	19.70														
			e	38	40.30														
VAI	9.06	300	P	36	43.60	-0.5													
TMA	9.09	302	P	36	45.47	0.8													
KSP	9.34	345	eP	36	49.00	1.1													
			e	38	45.80														
LLS	9.35	306	P	36	49.38	1.1													
SBF	9.47	286	eP	36	50.30	0.6													
	0.4s	6.40nm			5.4mb X														
GRF	9.95	325	ePg	36	52.70	-3.6X													
			e(Sg)	39	20.00														
DIX	10.03	299	P	36	57.97	0.3													
LPG	10.28	295	eP	37	00.70	-0.5													
	0.5s	7.60nm			5.4mb X														
LPL	10.30	295	eP	37	02.10	0.7													
	0.3s	3.75nm			5.3mb X														
EMS	10.34	298	P	37	03.33	1.5													
BSF	11.13	307	eP	37	10.60	-1.9													
	0.5s	4.50nm			5.1mb X														
CDF	11.13	310	eP	37	09.40	-3.1X													
HAU	11.47	307	eP	37	15.30	-1.8													
	0.5s	4.45nm			5.0mb X														
SMF	12.55	298	eP	37	30.20	-1.5													
	0.4s	1.90nm			4.7mb X														
LBF	12.56	299	eP	37	30.10	-1.8													
	0.4s	1.90nm			4.7mb X														
SSF	12.89	299	eP	37	35.30	-0.9													
	0.8s	5.10nm			4.8mb X														
NAO	19.80	347	P	39	00.20	-3.3X													
	0.6s	2.10nm			3.6mb														
EKA	20.29	320	Pc	39	06.70	-1.9													
	0.7s	4.50nm			3.9mb														
YKA	69.81	339	eP	45	51.50	9.1X													
	0.7s	0.20nm			3.4mb														
S.D. = 1.0	on	95 of 102 obs.																	
* DEC 11, 1992	19h	37m	16.03±0.91s																
	41.847 N ± 8.2km	20.080 E ± 6.1km																	
	DEPTH = 10.0km	(geophysicist)																	
ALBANIA			(391)																
ML 2.2 (TIR).																			
LACI	0.35	233	iPg	37	23.80	0.6													
			iSg	37	28.60														
SDA	0.48	295	ePg	37	25.50	-0.3													
			iSg	37	30.60														
TIR	0.52	198	ePg	37	26.20	-0.5													
OHR	0.91	143	ePg	37	33.50	0.0													
			eSg	37	50.00														
SKO	1.02	83	ePg	37	35.50	0.1													
			iSg	37	49.00														
S.D. = 0.6	on	5 of 5 obs.																	
? DEC 11, 1992	19h	45m	31.97±4.85s																
	32.590 S ± 31.7km	71.646 W ± 27.9km																	
	DEPTH = 33.0km	(normal)																	
NEAR COAST OF CENTRAL CHILE			(135)																
MD 3.9 (SAN).																			
ROCH	0.66	126	iPd	45	45.44	0.4													
			iS	45	55.16														
LCCH	0.88	176	iP+	45	48.51	0.5													
			iS	46	00.39														
JACH	0.89	96	iPd	45	48.24	0.0													
			iS	46	00.60														
PEL	0.98	125	iPd	45	49.58	0.1													
			iS	46	02.08														
TACH	1.22	151	iP	45	52.92	0.2													
			iS	46	07.96														
FCH	1.36	123	iP+	45	54.59	-0.5													
			iS	46	11.11														
LNV	1.38	172	iP+	45	54.27	-0.7													
PCH	1.40	138	iP	45	55.07	-0.4													
			iS	46	12.27														
CACH	1.76	150	iP	46	00.97	0.3													
			iS	46	22.18														
MDZ	2.37	98	eP	46	14.70	5.2X													
S.D. = 0.5	on	9 of 10 obs.																	
* DEC 11, 1992	19h	47m	59.01±0.61s																
	41.844 N ± 7.0km	20.074 E ± 5.3km																	
	DEPTH = 10.0km	(geophysicist)																	
ALBANIA			(391)																
ML 2.3 (TTG).																			
ULC	0.63	281	iPg	48	11.32	-0.3													
			iSg	48	21.69														
PVY	0.75	354	iPg	48	13.07	-0.8													
			iSg	48	25.49														
TTG	0.84	314	iPg	48	14.77	-0.5													
			iSg	48	28.83														
OHR	0.91	143	iPg	48	16.40	-0.1													
			eSg	48	30.70														
BDV	1.03	296	iPg	48	18.52	0.1													
			iSg	48	34.90														
SKO	1.03	82	ePg	48	18.50	0.1													
			iSg	48	33.50														
NKY	1.25	321	iPg	48	22.45	0.1													
			iSg	48	42.20														
HCY	1.32	298	iPg	48	23.25	-0.1													
			iSg	48	44.06														
BRY	1.55	313	iPg	48	27.63	0.8													
			iSg	48	51.49														
PLE	1.57	342	iPnd	48	27.67	0.6													
			iSn	48	51.64														
S.D. = 0.5	on	10 of 10 obs.																	
* DEC 11, 1992	19h	57m	41.39±0.28s					</											

11d 20h

MID	1.54	301	P	25	02.00	1.1
CYK	1.55	24	iP	25	01.37	0.3
			S	25	18.30	
SNH	1.58	16	eP	25	01.73	0.2
			S	25	20.29	
HMT	1.69	351	iP	25	03.41	0.3
			S	25	21.75	
RAGM	1.79	345	eP	25	04.75	0.2
			S	25	26.59	
YAH	1.98	30	iP	25	07.27	-0.2
			S	25	29.66	
CROM	2.11	8	iP	25	09.24	-0.2
CVA	2.14	332	eP	25	09.54	-0.1
			S	25	31.82	
HIN	2.23	322	iP	25	11.27	0.3
MTU	2.40	305	P	25	13.00	-0.4
BALM	2.47	16	iP	25	14.18	-0.3
FID	2.51	327	eP	25	15.18	0.3
LTJ	2.52	305	eP	25	15.07	0.1
CTGM	2.60	27	iP	25	15.86	-0.5
KNIM	2.64	311	eP	25	16.20	-0.6
			S	25	45.96	
GLB	2.78	359	iP	25	18.38	-0.4
VLZ	2.79	333	eP	25	18.95	0.0
KLU	3.04	340	P	25	22.39	0.0
SEW	3.26	299	eP	25	24.44	-1.0
MPA	3.39	305	eP	25	26.47	-0.9
PTE	3.46	312	eP	25	26.78	-1.6X
SLKM	3.78	302	eP	25	32.26	-0.7
HYT	3.82	53	P	25	34.00	0.3
SML	3.89	326	eP	25	34.58	0.0
SDG	3.97	348	eP	25	33.12	-2.5X
PLRM	3.98	320	eP	25	36.19	0.5
GHO	4.05	322	P	25	37.20	0.5
SYI	4.52	273	eP	25	44.16	0.7
SPU	4.88	305	eP	25	47.63	-1.0X
BGL	5.07	305	eP	25	49.84	-1.4X

S.D. = 0.5 on 27 of 31 obs.

* DEC 11, 1992 20h 38m 47.88 ± 1.03s
 31.733 N ± 11.6km 131.969 E ± 8.0km
 DEPTH = 43.4 ± 11.9 km
 4.1mb (2 obs.)

KYUSHU, JAPAN (235)

KAGJ	1.07	240	iP+	39	06.90	0.2
			S	39	21.80	
KUMJ	1.26	310	iP+	39	09.30	0.1
			eS	39	25.90	
SHNJ	2.49	343	P	39	27.00	0.1
TKSJ	2.85	37	P	39	32.20	0.3
SHK	2.85	12	eP	39	36.00	4.0X
YONJ	3.67	20	P	39	43.70	0.2
WKYJ	3.93	50	P	39	46.70	-0.6
MAT	7.05	45	(P)	40	31.00	-0.2
			(S)	42	35.00	
BJI	15.24	307	eP	42	26.50	4.9X
			Z 16s		0.35um	
LZH	23.70	288	eP	43	56.00	-0.8
			1.4s		26.00nm	4.5mb
YKA	72.17	27	eP	50	10.40	0.7
			0.9s		0.90nm	3.7mb

S.D. = 0.6 on 9 of 11 obs.

& DEC 11, 1992 21h 06m 53.88s
 34.269 N 116.401 W
 DEPTH = 3.3km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS). 2.7 (GS).

PEC	0.73	239	ePc	07	07.73	-0.8
			eS	07	16.75	
PLM	0.99	203	iPd	07	12.39	-1.0
			eS	07	25.87	
SSK	1.07	267	eP	07	13.65	-1.2
			eS	07	28.74	
GSC	1.08	342	eP	07	12.89	-2.0
GLA	1.79	132	ePn	07	23.63	-2.2
			eS	07	51.16	
ISA	2.20	310	(Pn)	07	30.32	-1.5
			iPg	07	34.43	
			eS	08	01.63	
TPNV	2.68	3	ePn	07	37.43	-1.3
			7 obs. associated			

? DEC 11, 1992 21h 09m 44.99 ± 3.94s
 35.366 S ± 33.2km 70.054 W ± 13.4km

DEPTH = 169.2 ± 26.2 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 4.2 (SAN).

CACH	1.32	340	iP	10	14.83	0.0
			iS	10	35.62	
RFA	1.43	66	iPd	10	16.00	0.2
			(S)	10	36.70	
PCH	1.78	348	iP+	10	19.44	0.0
			iS	10	44.05	
LNv	1.80	321	iP	10	19.16	-0.3
			iS	10	42.45	
TACH	1.86	337	iP	10	19.81	-0.3
			iS	10	44.03	
FCH	2.04	354	iP	10	22.66	0.1
			iS	10	50.57	
LCCH	2.26	326	iPd	10	24.34	-0.4
			iS	10	51.00	
PEL	2.28	347	iPd	10	24.92	0.0
			iS	10	53.11	
ROCH	2.52	341	iPd	10	27.67	-0.3
			iS	10	56.82	
MDZ	2.67	22	eP	11	03.50	33.9X
IHA	2.68	330	eP	10	30.70	1.0
			iS	11	01.60	
JACH	2.71	350	iPd	10	30.26	0.0
			iS	11	02.02	
TCA	6.08	50	eP	11	13.70	-0.2

S.D. = 0.4 on 12 of 13 obs.

* DEC 11, 1992 21h 10m 10.06 ± 0.77s
 41.865 N ± 6.8km 20.090 E ± 7.4km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 2.1 (TTG).

ULC	0.63	279	ePg	10	22.23	-0.6
			iSg	10	32.51	
PVY	0.73	353	iPg	10	23.79	-0.8
			iSg	10	35.20	
TTG	0.84	313	iPg	10	25.91	-0.3
			iSg	10	39.69	
OHR	0.92	144	ePg	10	27.70	0.0
			eSg	10	43.60	
IVA	1.02	352	iPg	10	28.80	-0.5
			iSg	10	44.59	
BDV	1.03	294	iPg	10	29.44	-0.1
			iSg	10	45.96	
NKY	1.25	320	iPg	10	33.51	0.2
			iSg	10	52.94	
HCY	1.32	297	iPg	10	34.29	-0.1
			iSg	10	55.31	
BRY	1.54	313	iPnc	10	38.77	1.0
			iSn	11	02.60	
PLE	1.55	341	iPnd	10	38.93	1.1
			iSn	11	02.50	

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

? DEC 11, 1992 21h 18m 53.72 ± 1.00s
 8.144 S ± 7.9km 120.918 E ± 14.8km
 DEPTH = 168.9 ± 11.2 km
 4.8mb (6 obs.)
 FLORES REGION, INDONESIA (286)

MKS	3.24	334	ePd	19	45.60	0.2
KNA	10.77	135	eP	21	24.00	-0.5
			0.4s		13.00nm	4.8mb X
			eS	23	23.00	
MTN	11.07	116	eP	21	35.00	6.5X
			0.4s		142.00nm	5.9mb X
			eS	23	44.00	
W82	17.52	133	iPd	22	50.30	1.1
			eS	25	57.50	
ASPA	19.83	143	iPd	23	12.80	-0.7
			0.7s		32.70nm	4.9mb
			eS	26	48.00	
MRWA	21.47	192	eP	23	21.50	-8.3X
			eS	26	44.00	
COOL	22.62	179	eP	23	40.00	-1.0
			eS	27	20.00	
BAL	22.69	189	eP	23	28.00	-13.6X
			eS	27	15.00	
KLB	23.51	187	eP	23	50.60	1.0
			eS	27	40.00	
MUN	24.12	190	eP	23	56.00	0.7
			eS	27	49.00	
RKG	26.54	187	eP	24	31.00	13.4X

STKA	30.46	144	eP	24	51.80	-0.8
GVA	37.08	339	P	25	49.40	0.0
			0.8s		16.00nm	4.8mb
CD2	42.17	338	Pc	26	30.20	-1.1
			0.6s		47.00nm	5.3mb
XAN	43.47	345	P	26	42.00	0.2
LZH	46.84	341	Pc	27	08.20	-0.4
			1.2s		38.00nm	4.8mb
LSA	47.28	324	P	27	08.70	-3.9X
			0.5s		7.00nm	4.5mb
GTA	51.20	339	Pd	27	41.50	-0.5
			1.5s		9.00nm	4.2mb
MDJ	53.10	8	eP	27	57.10	1.4
YKA	112.63	25	ePKP	37	11.50	0.4
			0.4s		0.20nm	

S.D. = 0.9 on 15 of 20 obs.

* DEC 11, 1992 21h 28m 00.77 ± 0.93s
 24.631 N ± 10.8km 123.855 E ± 15.7km
 DEPTH = 33.0km (normal)
 4.3mb (8 obs.)

SOUTHWESTERN RYUKYU ISLANDS (246)

BBP	4.45	203	eP	29	09.00	1.2
QZH	4.79	275	eP	29	10.00	-2.5
			S	30	04.00	
SSE	6.86	340	Pc	29	39.50	-2.1
			Z 12s		0.90um	
			N 10s		0.70um	
			E 10s		0.70um	
CVP	7.15	196	eP	29	54.60	8.9X
TIY	16.28	326	eP	31	55.60	7.1X
			Z 16s		0.48um	
			N 10s		0.37um	
BJI	16.67	339	eP	31	59.50	6.2X
HHC	19.16	331	eP	32	26.00	1.7
			1.4s		31.00nm	4.4mb
KMI	19.17	276	eP	32	31.50	6.9X
			Z 10s		1.50um	
			E 10s		1.00um	
CN2	19.17	4	eP	32	32.00	7.8X
			1.2s		12.00nm	4.0mb
			Z 12s		0.55um	4.6MszX
LZH	20.66	308	eP	32	42.80	2.3
			1.5s		27.00nm	4.4mb
			pP	32	47.00	16kmX
CHG	23.84	261	eP	33	12.50	0.5
GTA	25.05	312	eP	33	23.00	-0.6
			1.5s		8.00nm	4.1mb
W82	45.47	166	iPc	36	16.90	-1.8
			0.8s		17.00nm	5.0mb
ASPA	48.99	168	iPd	36	46.30	0.0
			0.5s		5.70nm	4.9mb
KLU	68.78	31	(P)	39	03.58	0.1
YKA	81.60	24	eP	40	16.10	-0.3
			1.0s		2.90nm	4.2mb
GEC2	84.03	321	PKP	40	30.90	1.5
			1.0s		1.90nm	4.2mb

S.D. = 1.7 on 12 of 17 obs.

% DEC 11, 1992 21h 43m 30.35 ± 0.69s
 40.693 N ± 7.0km 29.910 E ± 5.2km
 DEPTH = 5.0km (geophysicist)

TURKEY (366)

MD 3.1 (ISK).						
HRT	0.22	305	iPg	43	35.20	0.3
EYL	0.23	124	iPg	43	34.70	-0.3
YLV	0.43	253	iPg	43	39.00	0.1
			eSg	43	44.00	
GPA	0.51	143	iPg	43	40.70	0.2
			iSg	43	48.20	
ISK	0.74	300	iPg	43	44.80	-0.4
			iSg	43	54.30	
KCT	1.27	250	iPn	43	53.70	-0.6
DST	1.46	223	iPn	43	57.80	0.3
BNT	1.55	258	ePn	43	59.30	0.6
EDC	1.60	258	ePn	43	59.00	-0.3
DMK	1.98	306	iPn	44	05.10	0.3
S.D. = 0.4 on 10 of 10 obs.						

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 18S, 27C
 Centroid Location:
 Origin Time 22:13: 3.2 0.4
 Lat 59.78S 0.06 Lon 25.28W 0.15
 Dep 15.0 FIX Half-duration 1.2
 Moment Tensor: Scale 10**16 Nm
 Mrr=-4.37 0.52 Mtt= 9.01 0.60
 Mff=-4.64 0.63 Mrt=-4.94 1.25
 Mrf= 4.91 0.94 Mtf= 5.21 0.66
 Principal Axes:
 T Val= 11.48 Plg=13 Azm=166
 N 0.40 46 270
 P -11.88 41 64
 Best Double Couple: Mo=1.2*10**17
 NP1: Strike=214 Dip=51 Slip=-157
 NP2: 109 72 -41

NVL 19.06 141 eP 17 17.00 -0.8
 1.6s 266.00nm 5.2mb
 Z 16s 0.40um 4.8msz
 ePP 17 39.00
 ePPP 17 48.00
 eS 20 59.00
 MAW 37.01 140 eP 20 04.00 0.4
 TCA 38.15 300 iP 20 13.20 -0.6
 MDZ 38.77 294 eP 20 21.70 2.7
 BMA 39.00 333 eP 20 14.60 -6.3X
 VAO 39.40 329 eP 20 24.90 0.6
 e 20 40.90
 CFA 39.56 296 e(P) 20 25.00 -0.5
 CER 39.62 69 iPd 20 27.50 1.5
 1.0s 60.00nm 5.3mb
 RTPR 39.89 299 ePc 20 27.50 -0.6
 RTLL 39.90 296 iPc 20 29.50 1.2
 RTCB 39.92 295 ePc 20 30.70 2.2
 CYA 41.17 301 iPc 20 37.50 -1.2
 YJA 46.57 306 e(P) 21 21.50 -1.3
 BAO 46.72 330 Pc 21 22.90 -0.7
 e 21 25.30
 e 21 40.80
 PRY 48.89 72 iPd 21 40.50 0.0
 SLR 50.28 72 iPd 21 50.00 -1.2
 1.2s 93.75nm 5.7mb
 CNCB 52.38 306 P 22 07.00 -0.7
 LPB 52.68 306 P 22 10.00 0.2
 ZOBO 52.91 306 P 22 11.90 0.2
 Z 15s 0.89um 4.9mszX
 S 29 33.00
 LR 34 38.00
 ARE 54.17 303 eP 22 21.00 0.4
 BUL 55.19 69 iPc 22 28.10 0.3
 1.0s 105.00nm 5.8mb
 LIC 67.70 23 P 23 51.90 0.0
 KIC 67.89 23 P 23 53.00 -0.1
 TIC 68.11 23 P 23 54.40 -0.1
 LWI 70.98 60 iPd 24 14.20 1.7
 BCAO 72.84 47 iPd 24 23.10 -0.1
 0.2s 32.00nm 6.0mb
 id 24 31.50
 SDV 76.91 315 iPc 24 45.20 -1.5
 MUN 83.61 148 eP 25 22.10 0.1
 CAN 85.37 176 eP 25 31.10 0.2
 e 25 47.80
 STKA 88.32 170 iPc 25 45.80 0.5
 ASPA 95.45 162 iPd 26 17.90 -0.6
 0.8s 10.30nm 5.3mb
 HYB 112.27 93 ePKP 31 28.50 -1.2
 MSU 120.43 295 (PKP) 31 43.67 -1.4
 HFS 123.33 23 ePKP 31 47.50 -2.1
 0.4s 1.00nm
 NAO 123.43 21 PKP 31 49.20 -0.6
 1.0s 4.60nm
 CHG 123.56 111 ePKP 31 50.90 -0.4
 NUR 126.06 28 ePKP 31 56.70 1.8
 KAF 127.86 28 iPKP 31 57.40 -0.9
 0.8s 12.00nm
 LSA 128.84 97 PKP 32 02.00 0.2
 GYA 133.73 114 iPKPd 32 11.40 0.7
 WMQ 137.95 81 ePKP 32 17.80 -0.4
 LZH 140.31 104 ePKP 32 24.50 1.7
 GTA 140.86 96 ePKP 32 21.00 -2.6
 XAN 141.13 111 PKP 32 18.20 -5.9X
 RES 141.34 337 ePKP 32 18.50 -4.7X
 NJ2 143.94 124 iPKPc 32 28.00 -1.0
 SSE 144.07 128 PKP 32 24.00 -5.2X

TIY 145.77 111 PKPd 32 31.70 -0.4
 Z 12s 0.36um 5.4mszX
 sPKP 32 48.00
 TIA 146.72 118 PKPd 32 35.40 1.9
 BTO 146.86 105 PKP 32 35.00 1.2
 HMC 147.81 106 PKP 32 36.60 1.3
 BJI 149.39 113 ePKP 32 42.00 4.4X
 KLU 151.24 300 ePKP 32 44.84 5.0X
 SLKM 152.78 296 ePKP 32 47.69 5.7X
 BGL 154.05 297 (PKP) 32 50.45 6.6X
 S.D. = 1.2 on 47 of 55 obs.

* DEC 11, 1992 22h 42m 42.45±1.35s
 20.139 S ± 8.4km 70.629 W ±15.1km
 DEPTH = 44.4 ± 21.1 km
 4.7mb (1 obs.)

NEAR COAST OF NORTHERN CHILE (122)

ANT 3.55 177 eP 43 36.50 0.0
 iS 44 32.20
 ARE 3.75 347 eP 43 39.00 -0.6
 iS 44 22.50
 CNCB 4.16 38 P 43 46.00 0.4
 LPB 4.32 34 P 43 49.20 1.4
 1.0s 260.00nm
 ZOBO 4.51 32 P 43 51.00 0.4
 CCH 5.06 58 eP 43 56.00 -2.1
 YJA 5.19 114 ePc 44 00.50 0.4
 TCA 12.40 155 eP 45 34.60 -4.5X
 ULM 73.55 343 eP 54 22.00 9.6X
 YKA 89.38 341 eP 55 35.20 0.0
 0.7s 2.70nm 4.7mb
 S.D. = 1.3 on 8 of 10 obs.

? DEC 11, 1992 22h 55m 37.07±0.80s
 26.930 S ± 6.8km 67.341 W ±10.9km
 DEPTH = 33.0km (normol)

CATAMARCA PROVINCE, ARGENTINA (130)

FSA 1.46 55 iPc 55 59.80 -1.5
 S 56 21.00
 CYA 2.04 138 eP 56 12.00 2.2
 S 56 43.00
 SLA 2.75 38 ePd 56 20.50 0.5
 RTPR 3.44 168 ePd 56 29.20 -0.4
 (S) 57 14.00
 ANT 4.25 318 eP 56 41.00 -0.1
 RTLL 4.49 192 iPc 56 45.50 0.8
 CFA 4.73 189 e(P) 56 48.10 0.2
 TCA 5.01 152 iP 56 50.40 -1.6
 (S) 57 51.00
 MRA 5.64 166 ePd 56 59.30 -1.5
 MDZ 6.08 192 eP 57 07.20 0.2
 RFA 7.88 187 eP 57 29.80 -2.4X
 BMA 21.46 84 (P) 00 26.00 1.2
 S.D. = 1.3 on 11 of 12 obs.

* DEC 11, 1992 23h 08m 18.82±1.34s
 31.738 N ±13.6km 131.952 E ±12.1km
 DEPTH = 51.4 ± 12.7 km
 4.0mb (2 obs.)

KYUSHU, JAPAN (235)

KAGJ 1.06 239 iP+ 08 37.80 0.2
 S 08 52.60
 KUMJ 1.24 310 iP+ 08 40.20 0.1
 eS 08 56.00
 SHNJ 2.48 344 P 08 57.90 0.3
 TKSJ 2.85 38 eP 09 02.20 -0.7
 eS 09 34.50
 SHK 2.85 12 eP 09 08.70 5.8X
 YONJ 3.67 20 eP 09 14.60 0.2
 LZH 23.69 288 eP 13 26.00 -0.8
 1.4s 18.00nm 4.4mb
 AAI 35.41 186 eP 15 23.60 11.7X
 YKA 72.17 27 eP 19 40.40 0.7
 0.8s 0.70nm 3.6mb
 S.D. = 0.8 on 7 of 9 obs.

% DEC 11, 1992 23h 19m 10.35±0.49s
 40.019 N ± 4.2km 28.895 E ± 5.0km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.1 (ISK).
 DST 0.46 207 iPg 19 18.80 -1.0
 iSg 19 25.30

KCT 0.47 299 iPg 19 20.70 0
 iSg 19 28.20
 YLV 0.66 34 iPg 19 23.80 0.3
 eSg 19 33.20
 EDC 0.86 293 iPg 19 27.00 0.2
 iSg 19 39.00
 GBZT 0.88 28 ePn 19 28.30 1.1
 iSg 19 44.10
 HRT 1.00 36 iPg 19 29.20 0.0
 ISK 1.05 7 iPg 19 29.00 -1.2
 ALT 1.35 135 iPn 19 35.20 0.0
 KHL 1.76 164 ePn 19 41.30 0.1
 EZN 1.99 265 ePn 19 44.60 0.3
 DMK 2.00 335 ePn 19 43.20 -1.3
 IZM 2.06 219 ePn 19 46.10 0.7
 S.D. = 0.8 on 12 of 12 obs.

& DEC 12, 1992 00h 31m 44.42s
 34.356 N 116.896 W
 DEPTH = 4.5km
 SOUTHERN CALIFORNIA (43)
 <PAS>P>. ML 3.5 (PAS), 3.3 (GS).

GSC 0.95 5 iPc 32 02.07 -1.0
 eS 32 13.19
 PLM 1.00 178 iPd 32 02.97 -1.0
 eS 32 16.86
 ISA 1.84 316 ePn 32 17.02 0.0
 eS 32 42.33
 GLA 2.16 126 ePnd 32 19.69 -2.0
 TPNV 2.64 11 ePn 32 28.68 0.1
 eS 33 07.49
 BCH 2.75 288 ePn 32 28.53 -1.7
 MTUM 3.28 336 ePn 32 38.37 0.6
 TNP 3.73 356 ePn 32 44.68 0.5
 ARUT 4.42 38 ePn 32 52.71 -1.3
 MSU 5.63 41 ePn 33 09.05 -2.1
 ePg 33 28.07
 PV10 7.50 55 (P) 33 35.45 -2.0
 11 obs. associated

? DEC 12, 1992 00h 40m 47.91±0.73s
 25.669 N ±19.0km 45.634 W ±29.1km
 DEPTH = 10.0km (geophysicist)
 4.2mb (4 obs.)

NORTHERN MID-ATLANTIC RIDGE (403)

ZOBO 47.10 210 P 49 21.90 -0.9
 LPB 47.31 210 eP 49 26.00 1.8
 CNCB 47.50 210 P 49 25.00 -0.8
 GEC2 51.14 47 P 49 52.50 -0.5
 0.6s 0.38nm 3.5mb
 e 49 58.70
 NAO 51.70 31 P 49 57.60 0.6
 0.8s 3.30nm 4.3mb
 HFS 52.89 33 eP 50 06.00 0.0
 0.6s 1.60nm 4.1mb
 YKA 57.87 329 eP 50 41.70 -0.2
 0.8s 1.80nm 4.2mb
 S.D. = 1.2 on 7 of 7 obs.

? DEC 12, 1992 01h 46m 22.70±0.31s
 13.290 S ± 9.0km 166.927 E ±15.2km
 DEPTH = 33.0km (normol)
 4.6mb (4 obs.)

VANUATU ISLANDS (186)

BKM 4.53 164 iPd 47 31.70 0.8
 iS 48 12.50
 DZM 8.74 183 iPc 48 28.90 -1.1
 iS 49 55.00
 RMQ 21.51 230 eP 51 11.70 0.7
 0.5s 16.00nm 4.7mb
 WB2 31.87 254 eP 52 48.30 1.0
 0.3s 2.20nm 4.5mb
 ASPA 32.90 247 eP 52 55.90 -0.4
 0.3s 8.50nm 5.1mb
 MBL 45.52 253 eP 54 33.30 -8.0X
 YKA 96.43 27 eP 59 50.90 1.5
 0.5s 0.30nm 4.0mb
 NAO 129.44 345 PKP 05 29.80 0.5
 0.5s 1.00nm
 GEC2 138.22 333 PKP 05 40.40 -6.1X
 0.9s 0.56nm
 GEC2 138.22 333 PKP 05 47.30 0.8
 0.7s 1.13nm
 GEC2 138.22 333 PKP 05 51.30 4.8X

	0.5s	0.55nm			DST	0.98	76	iPg	56	51.70	0.3	PAX	3.22	127	eP	58	18.40	0.5
HAU	141.80	339 ePKP	05 50.40	-2.4				iSg	57	05.70		GHO	3.40	162	P	58	22.60	2.2
VAI	142.64	335 PKP	05 52.50	-1.8	I2M	0.99	186 ePg	56	51.60	0.1	SDG	3.51	133 eP	58	23.23	1.3		
TDS	143.12	321 PKP	05 54.60	-0.7	EDC	1.03	20 iPg	56	52.00	-0.3	PMR	3.55	164 eP	58	24.40	2.0		
FLN	143.13	346 ePKP	05 53.70	-1.3				iSg	57	07.00		SCM	3.61	150 eP	58	23.13	-0.3	
	0.7s	6.50nm			BNT	1.06	22 iPn	56	53.30	0.6	TOA	3.66	141 P	58	26.70	2.6		
ORX	143.15	335 PKP	05 53.52	-1.8	KCT	1.14	40 iPn	56	54.50	0.3	KNK	3.81	160 eP	58	27.32	1.2		
SGO	143.18	323 PKP	05 53.90	-1.5	YLV	1.93	51 ePn	57	05.00	-1.0	PMS	3.84	169 eP	58	27.90	1.2		
LDF	143.20	346 ePKP	05 54.60	-0.6		S.D. = 0.6	on	7 of	7 obs.		KLU	4.24	144 eP	58	31.56	-0.8		
	0.7s	6.40nm									SVW	4.42	210 eP	58	40.20	5.4		
BOB	143.22	333 PKP	05 54.80	-0.6										e	58	51.60		
LOR	143.28	341 ePKP	05 54.80	-0.6		* DEC 12, 1992 02h 27m 13.03± 1.75s					GLI	4.53	154 eP	58	35.75	-0.7		
	0.7s	5.75nm				24.255 N ±10.2km					YKA	16.20	82 eP	01	20.60	5.6		
MGR	143.30	322 PKPc	05 53.40	-2.2		DEPTH = 10.0km (geophysicist)						0.8s	0.50nm			2.7mb		
LBF	143.49	340 ePKP	05 55.40	-0.4		4.2mb (1 obs.)						29 obs. associated						
	0.9s	12.60nm			TAIWAN REGION	(243)												
GRR	143.57	346 ePKP	05 55.50	-0.3	TWC	0.42	327 iPd	27	21.70	0.1		DEC 12, 1992 04h 39m 59.74± 0.35s						
	0.7s	28.90nm					eS	27	26.00			39.117 S ± 5.1km						
SSF	143.57	341 iPKPc	05 56.00	0.1	TWD	0.49	249 iPd	27	22.10	-0.9		DEPTH = 163.8 ± 4.9 km						
	0.8s	35.45nm					eS	27	27.20			4.8mb (3 obs.)						
LSD	143.63	336 PKP	05 56.32	0.0	TWZ	0.96	331 ePc	27	31.90	0.6	NORTH ISLAND, NEW ZEALAND	(159)						
LPL	143.75	336 iPKPc	05 57.00	0.5	TWQ	1.15	271 iPd	27	33.90	-0.7	CNZ	0.38	103 Pd	40	23.20	0.9		
	0.8s	18.55nm			TWK	1.77	237 ePd	27	45.60	1.6	DRZ	0.42	113 P	40	23.60	0.9		
LPG	143.76	336 iPKPc	05 57.10	0.5	SSE	6.86	353 Pn	28	35.60	-20.5X	NGZ	0.42	98 P	40	23.20	0.7		
	0.7s	15.30nm					Sn	30	10.00		MOZ	0.64	341 Pc	40	23.80	0.2		
PCP	143.79	334 PKP	05 56.27	-0.1	Z	20s	0.50um						eS	40	41.30			
SMF	143.83	340 iPKPc	05 56.60	0.3	YKA	82.58	23 eP	39	36.50	-0.8	BSZ	0.69	189 P	40	25.80	1.9		
	0.8s	19.05nm					1.40nm			4.2mb	NRZ	0.91	256 P	40	27.10	1.7		
RSP	143.84	335 PKP	05 56.04	-0.5		S.D. = 1.3	on	6 of	7 obs.		WHH	1.14	79 P	40	26.40	-0.9		
AVF	143.86	341 iPKPc	05 56.50	0.2	% DEC 12, 1992 02h 32m 53.63± 2.85s						WAHZ	1.15	121 Pc	40	28.00	0.5		
	0.9s	19.50nm			29.743 S ±16.6km						UTU	1.29	43 Pd	40	27.90	-0.7		
LPF	143.94	346 iPKPc	05 56.80	0.4	DEPTH = 109.3 ± 42.1 km						TAHZ	1.30	91 P	40	29.40	0.5		
	0.5s	22.10nm			SAN JUAN PROVINCE, ARGENTINA	(137)					WLZ	1.31	19 Pc	40	28.40	-0.4		
BHB	144.09	335 PKP	05 55.86	-1.0									eS	40	49.30			
BNI	144.16	336 PKP	05 58.10	1.0	RTLL	1.58	183 iPc	33	21.30	-0.6	TTH	1.43	108 P	40	30.40	0.5		
FIN	144.20	333 PKP	05 55.86	-1.2			S	33	42.80		TAZ	1.43	52 P	40	29.10	-0.9		
RRL	144.22	336 PKP	05 57.64	0.3	RTPR	1.71	109 iPd	33	24.00	0.7	MNG	1.53	168 Pc	40	32.30	1.3		
BGF	144.23	341 iPKPc	05 57.90	0.9			eS	33	46.80				S	40	54.80			
	0.7s	17.20nm			CFA	1.86	176 ePc	33	25.20	-0.1	PAHZ	1.57	81 P	40	30.80	-0.6		
SOI	144.24	319 PKP	05 57.80	0.6			S	33	49.70		TEHZ	1.60	123 P	40	32.20	0.4		
ROB	144.28	334 PKP	05 56.50	-0.7	CYA	2.60	61 iPd	33	35.00	-0.1	MOH	1.62	91 P	40	31.70	-0.2		
PZZ	144.44	335 PKP	05 56.82	-0.8	MDZ	3.16	187 eP	33	43.10	0.6	KIW	1.75	184 Pc	40	34.50	1.2		
ENR	144.53	334 PKP	05 56.91	-0.8			i	34	16.10		PGZ	1.76	149 Pc	40	34.30	0.9		
STV	144.55	334 PKP	05 56.91	-0.8			e(S)	34	35.90		URZ	1.81	62 Pd	40	31.90	-2.1		
IMI	144.58	334 PKP	05 57.87	0.1	MRA	3.51	140 ePd	33	47.40	0.2			S	40	54.70			
MAF	144.62	341 iPKPc	05 59.20	1.5			S	34	27.60		DIW	1.90	207 Pd	40	36.20	1.2		
	0.7s	8.80nm			TCA	3.63	117 iPd	33	48.30	-0.7	CAW	1.99	180 P	40	37.10	1.1		
TCF	144.67	342 iPKPc	05 59.20	1.4			(S)	34	28.00		MTW	2.07	171 Pc	40	37.40	0.6		
	0.7s	7.70nm				S.D. = 0.7	on	7 of	7 obs.		MRW	2.13	187 Pc	40	38.60	1.0		
SBF	144.82	334 iPKPc	05 59.30	1.1							WEL	2.18	186 P	40	39.10	1.0		
	0.8s	36.65nm											eS	41	07.80			
LSF	144.91	342 iPKPc	05 59.70	1.5	& DEC 12, 1992 03h 57m 26.68s						TCW	2.18	196 Pc	40	39.40	1.3		
	0.7s	11.70nm			65.009 N						MAHZ	2.19	93 P	40	37.50	-0.8		
MFF	145.05	344 iPKPc	06 00.30	1.9		151.117 W					BLW	2.27	172 Pc	40	39.70	0.5		
	0.8s	17.85nm			DEPTH = 13.7km						MOW	2.31	177 Pc	40	40.20	0.5		
PGF	145.15	331 iPKPc	06 00.50	1.7	NORTHERN ALASKA	(676)					NOZ	2.37	79 Pd	40	38.80	-1.6		
	0.8s	27.65nm			<AEIC>. ML 3.5 (AEIC). 3.9						KUZ	2.42	12 Pd	40	39.80	-1.2		
FRF	145.40	334 iPKPc	06 01.10	2.0	(PMR).								eS	41	09.80			
	0.7s	17.75nm									QRZ	2.59	228 P	40	43.50	0.4		
LRG	145.60	335 ePKP	06 01.90	2.5X	MLY	0.16	82 eP	57	30.87	0.0			S	41	17.40			
	0.9s	22.75nm					eS	57	33.18		THZ	3.12	211 P	40	49.80	0.1		
LMR	145.64	334 iPKPc	06 01.90	2.4X	NEA	0.98	115 eP	57	44.11	-0.7	WCZ	3.22	349 P	40	50.30	-0.7		
	0.6s	10.80nm					eS	57	59.70		KHZ	3.50	199 P	40	55.10	0.7		
RJF	145.77	342 iPKPc	06 02.50	2.8X	MDM	1.23	91 eP	57	48.45	-0.7			S	41	35.50			
	0.7s	9.25nm					eS	58	06.23		DSZ	3.62	222 P	40	55.60	-0.5		
CAF	145.93	341 ePKP	06 03.20	3.2X	WRH	1.41	111 eP	57	52.39	0.6	LTZ	4.23	209 P	41	03.00	-1.0		
	0.7s	5.30nm					S	58	10.26		MOZ	4.93	201 P	41	11.30	-1.9		
LFF	146.33	342 iPKPc	06 04.10	3.5X	FBA	1.42	93 eP	57	52.49	0.5			S	42	05.60			
	0.8s	24.70nm			CCB	1.46	103 eP	57	52.47	-0.1	LMZ	6.33	222 eP	41	28.80	-3.0		
LPO	146.43	341 iPKPc	06 04.40	3.6X			S	58	10.38		BWZ	6.65	214 eP	41	33.10	-2.9		
	0.8s	18.65nm			IMA	1.51	316 eP	57	52.71	-0.7	ODZ	6.78	208 eP	41	36.10	-1.6		
BCAO	147.59	257 iPKPc	06 04.00	0.5			eS	58	13.18		MSCZ	7.30	213 eP	41	42.30	-2.5		
	0.6s	14.00nm			GLM	1.58	89 eP	57	54.88	0.4	LRCZ	7.31	214 eP	41	41.30	-3.7X		
		id	06 07.10		MCK	1.59	143 eP	57	55.30	0.7			58	14.52				
		ic	06 52.00				eS	58	14.52		MHZ	7.33	214 P	41	41.80	-3.5X		
EPF	148.18	341 iPKPc	06 09.30	5.6X	TRF	1.61	167 eP	57	54.13	-0.7	LSCZ	7.34	213 eP	41	41.50	-3.8X		
	0.8s	6.45nm					eS	58	16.87		SBCZ	7.34	214 eP	41	41.40	-4.0X		
	S.D. = 1.1	on 48 of 58 obs.			HDA	1.89	107 eP	57	59.15	0.4			7.35	215 eP	41	42.10	-3.5X	
							S	58	22.75		TUZ	7.92	209 eP	41	50.90	-2.1		
	DEC 12, 1992 01h 56m 32.77± 0.76s				RND	1.89	147 eP	57	59.85	1.0	BCZ	8.71	215 eP	42	00.90	-2.5		
	39.379 N ± 6.5km				HUR	2.14	162 eP	58	03.69	1.2	SIZ	9.27	211 eP	42	09.70	-1.0		
	DEPTH = 10.0km (geophysicist)				PRP	2.41	75 eP	58	04.88	-1.5	DZM	10.52	334 iPc	44	05.10	-1.2		
TURKEY	(366)				FYU	2.89	55 P	58	18.00	5.0	CAN	21.08	272 eP	44	35.90	3.7X		
	MD 3.0 (ISK).				TTA	3.00	228 eP	58	14.41	-0.3	BWA	21.82	274 eP	44	40.50	1.0		
					SKT	3.05	184 eP	58	14.99	-0.3	TOO	23.21	264 iPc	44	55.60	2.7		
EZN	0.94	299 iPg	56 50.60	-0.1			eS	58	51.43			0.7s	36.00nm			5.0mb		
		eSg	57 03.60				eS	58	52.07		CMS	24.97	279 iPc	45	11.30	1.7		

0.6s 4.00nm 4.2mb
 STKA 28.08 275 iPd 45 39.10 1.3
 ASPA 38.02 282 iPd 47 03.80 0.2
 0.9s 26.10nm 4.9mb
 YKA 115.78 29 ePKP 58 23.30 0.2
 0.6s 0.70nm
 LIC 147.25 180 PKPc 59 23.60 0.6
 0.4s 7.00nm
 KIC 147.39 180 PKPc 59 23.80 0.6
 0.4s 7.00nm
 TIC 147.67 180 PKPc 59 24.40 0.7
 KAF 150.15 331 iPKP 59 27.70 1.7
 0.6s 5.00nm
 NUR 151.74 329 iPKP 59 31.90 3.5X
 0.4s 6.60nm
 S.D. = 1.3 on 56 of 63 obs.

* DEC 12, 1992 04h 45m 27.47±0.65s
 24.111 S ± 8.0km 66.726 W ± 10.4km
 DEPTH = 227.7 ± 8.4 km
 4.2mb (1 obs.)

SALTA PROVINCE, ARGENTINA (129)

SLA 1.28 119 iPd 46 03.00 0.5
 S 46 29.00
 HJA 1.50 54 iPd 46 04.50 0.5
 S 46 10.20
 FSA 2.07 162 iPd 46 10.00 0.9
 S 46 39.00
 YJA 2.24 30 iPd 46 10.60 -0.7
 ANT 3.40 276 iP+ 46 22.00 -1.6
 iS 47 01.80
 CNCB 7.36 351 P 47 14.00 0.2
 S 48 35.20
 TCA 7.44 166 iP 47 14.00 -0.4
 LPB 7.65 350 P 47 18.00 0.6
 S 48 41.00
 ZOBO 7.89 350 P 47 20.70 -0.1
 S 48 51.00
 VAO 18.15 91 eP 49 25.40 -0.2
 BAO 19.52 68 e(P) 49 38.00 -1.6
 e 49 40.50
 e 49 44.10
 e 49 57.10
 ALO 69.77 326 eP 56 16.80 1.7
 0.9s 4.20nm 4.2mb
 ULM 78.41 341 eP 57 08.00 4.0X
 S.D. = 1.2 on 12 of 13 obs.

* DEC 12, 1992 04h 49m 47.95±0.93s
 31.779 N ± 10.2km 132.099 E ± 11.6km
 DEPTH = 33.0km (normal)
 3.9mb (2 obs.)

SOUTHEAST OF SHIKOKU, JAPAN (237)

KAGJ 1.19 241 iP+ 50 07.70 -0.6
 S 50 22.60
 KUMJ 1.32 305 iP+ 50 10.30 0.2
 S 50 26.10
 SHNJ 2.48 341 P 50 27.80 0.9
 TKSJ 2.74 36 eP 50 31.10 0.5
 SHK 2.79 10 eP 50 37.00 5.8X
 YONJ 3.59 18 eP 50 40.70 -1.9
 BJI 15.30 307 eP 53 27.00 4.0X
 WB2 51.47 177 eP 58 52.60 0.3
 0.6s 1.80nm 4.2mb
 i 59 01.30
 YKA 72.07 27 eP 01 11.10 0.7
 0.9s 0.60nm 3.6mb
 S.D. = 1.2 on 7 of 9 obs.

DEC 12, 1992 05h 02m 04.31±0.24s
 34.362 N ± 4.6km 141.684 E ± 3.3km
 DEPTH = 20.8km (12 depth phases)
 5.0mb (47 obs.) 5.6Msz (7 obs.)

OFF EAST COAST OF HONSHU, JAPAN (229)

KAKJ 2.22 327 iP+ 02 39.80 -0.7
 CHJJ 2.77 308 P 02 48.90 0.5
 S 03 27.20
 IIDJ 3.29 291 P 02 58.10 2.2
 MAT 3.57 308 iPc 03 00.40 0.5
 eS 03 44.00
 NIIJ 3.61 324 P 03 00.90 0.6
 MTMJ 3.87 306 P 03 04.80 0.8
 YAMJ 4.03 341 eP 03 05.90 -0.3
 OFUJ 4.71 360 P 03 12.70 -3.2X

eS 04 05.20
 TSRJ 4.83 286 P 03 19.10 1.5
 WKYJ 5.04 270 P 03 21.50 0.8
 TKSJ 6.34 269 P 03 39.90 0.9
 YONJ 6.82 279 P 03 46.50 0.9
 SHK 7.44 274 eP 03 55.50 1.1
 MRRJ 8.06 357 eP 04 01.30 -1.8
 HOOJ 8.11 8 eP 04 02.50 -1.1
 eS 05 22.50
 SHNJ 8.76 271 eP 04 13.00 0.3
 KUSJ 9.04 14 eP 04 13.10 -3.4X
 eS 05 45.40
 KUMJ 9.25 262 P 04 21.20 1.7
 KAGJ 9.62 254 eP 04 25.30 0.6
 ASAJ 9.77 4 eP 04 21.40 -5.3X
 eS 06 08.50
 YSS 12.67 3 eP 04 59.90 -6.0X

1.0s 80.00nm 5.9mb
 Z 17s 35.10um 4.5Msz
 N 17s 45.00um
 E 17s 22.60um

CN2 15.72 312 eP 05 47.00 1.0
 0.8s 10.00nm 4.1mb
 Z 16s 32.80um 5.5Msz
 N 15s 33.70um
 E 15s 37.60um

epP 05 53.50
 SNY 16.07 303 Pc 05 47.00 -3.5X
 Z 16s 28.10um
 N 14s 22.60um
 E 14s 7.64um

sP 05 55.80
 DL2 16.72 292 eP 06 00.00 1.2
 1.0s 62.00nm 4.7mb
 Z 15s 17.70um 4.7Msz
 N 12s 17.30um
 E 12s 10.90um

SSE 17.55 265 Pd 06 10.00 0.8
 Z 20s 38.40um
 N 12s 18.50um
 E 14s 20.80um

NJ2 19.24 270 iPd 06 33.00 3.0X
 N 16s 36.10um
 E 16s 13.00um
 SKR 19.39 28 eP 06 35.00 3.3X
 Z 12s 15.90um

eS 10 11.00
 TIA 20.12 282 eP 06 43.20 3.5X
 Z 18s 32.90um 5.7Msz
 N 15s 5.33um
 E 13s 24.40um

PJG 20.88 171 eP 06 53.00 5.3X
 GUA 20.94 171 eP 06 53.00 4.8X
 1.2s 525.00nm 5.8mb
 e 07 10.70 83kmX

BJI 21.06 293 eP 06 46.00 -3.3X
 Z 16s 9.34um 5.3MszX
 N 12s 11.00um
 PET 22.22 28 eP 07 08.00 7.2X
 Z 20s 11.00um

iS 11 08.00 5.3Msz
 WHN 23.35 268 Pc 07 11.50 -0.6
 1.0s 18.00nm 4.6mb
 Z 16s 23.70um 5.7MszX

sP 07 19.00
 S 11 24.00
 TIY 23.84 287 eP 07 17.70 0.7
 Z 14s 29.30um 5.9MszX
 N 13s 18.30um

HHC 24.65 294 Pc 07 25.00 0.2
 1.4s 62.00nm 5.0mb
 Z 14s 28.90um 5.9MszX
 N 13s 6.10um
 E 12s 16.10um

BTO 25.80 293 eP 07 36.00 0.3
 N 12s 12.30um
 E 12s 14.00um
 BAG 26.04 232 eP 07 40.00 1.9
 MGD 26.43 10 eP 07 40.00 -1.2

e 08 28.00 249kmX
 eS 12 14.00
 CIT 26.77 320 eP 07 50.00 5.6X
 eS 12 26.00
 HKC 26.94 251 eP 07 44.00 -2.2
 S 12 38.00
 XAN 27.04 279 P 07 45.00 -2.1

1.2s 12.00nm 4.4mb
 Z 15s 30.00um 6.0MszX
 N 14s 12.20um
 E 14s 18.30um

S 12 27.00
 GZH 27.19 253 eP 07 48.00 -0.4
 Z 18s 10.30um 5.4Msz
 N 14s 8.05um
 E 14s 12.30um

YAK 28.70 348 eP 08 01.20 -0.5
 1.0s 101.00nm 5.5mb
 N 18s 15.40um
 e 12 50.00

BOD 29.87 330 eP 08 11.10 -1.2
 1.0s 12.00nm 4.7mb
 LZH 30.83 284 eP 08 19.00 -2.2
 1.5s 32.00nm 4.9mb
 Z 14s 19.00um 5.9MszX
 E 12s 10.60um

pP 08 26.00 24km
 sP 08 30.00
 PP 09 23.00
 eS 13 22.00
 sS 13 32.00
 SS 15 06.00

GYA 31.10 265 iPd 08 26.00 2.4
 Z 16s 18.60um 5.8MszX
 N 13s 12.10um
 E 12s 11.10um

CD2 32.00 275 eP 08 28.60 -2.8
 Z 19s 47.40um 6.2Msz
 N 14s 37.10um
 IRK 32.09 315 eP+ 08 29.00 -2.9
 2.0s 68.00nm 5.2mb
 Z 16s 14.17um 5.7MszX
 N 14s 5.81um
 E 13s 9.96um

e 09 35.00 345kmX
 ePPP 09 59.00
 eS 13 48.00
 ZAK 32.15 312 iPc 08 32.50 0.1
 2.1s 94.00nm 5.4mb
 Z 16s 21.09um 5.9MszX
 N 12s 7.49um
 E 16s 21.72um

GTA 33.64 291 eP 08 45.00 -0.7
 1.2s 12.00nm 4.7mb
 Z 20s 21.90um 5.9Msz
 E 12s 7.85um

pP 08 52.00 24km
 sP 08 57.50
 PP 10 02.00
 S 14 10.00
 KMI 34.87 265 Pd 08 55.50 -1.0
 Z 17s 38.10um 6.2MszX
 N 14s 7.50um
 E 16s 16.20um

S 14 30.00
 TIK 37.95 353 iPd 09 21.00 -0.7
 1.0s 18.00nm 4.8mb
 Z 18s 11.00um 5.7Msz
 i 09 27.00 20km
 e 10 45.00
 eS 15 09.00

CHG 40.92 259 eP 09 45.00 -2.0
 WMQ 42.29 300 P 09 58.00 -0.1
 1.5s 46.00nm 5.0mb
 Z 18s 5.50um 5.5Msz
 N 13s 12.40um

PP 11 44.00
 LSA 42.74 278 iPd 10 02.60 0.2
 0.6s 6.00nm 4.5mb
 Z 16s 10.70um 5.8MszX
 N 15s 3.65um
 E 14s 1.83um

S 16 24.00
 ELT 43.01 314 eP 10 04.80 1.1
 2.4s 113.00nm 5.2mb
 Z 14s 5.00um 5.6MszX
 eS 16 36.00
 SHL 43.66 272 eP 10 08.00 -1.6
 eS 16 20.00

NNT 43.75 251 eP 10 08.00 -2.1
 NRI 45.63 337 ePd 10 23.00 -1.6
 2.2s 70.00nm 5.2mb
 e 10 37.00 53kmX
 TTA 47.51 33 (P) 10 39.99 0.4

12d 05h

SVW	1.1s	7.15nm	4.6mb	VGB	71.14	47 (P)	13	23.40	0.1	AVF	0.8s	3.35nm	4.7mb	
	47.51	36 eP	10 39.88	DPW	71.48	44 eP	13	25.26	-0.1		90.94	333 eP	15 13.60	5.8X
	0.9s	35.38nm	5.4mb	NEW	71.90	44 eP	13	27.63	-0.2		0.9s	13.75nm	5.3mb	
MTN	48.01	194 eP	10 43.00	NUR	0.8s	22.77nm	5.3mb			EEO	91.41	27 eP	15 13.50	3.5X
IMA	48.89	29 eP	10 51.51	SES	72.41	332 eP	13	31.80	1.3	TUL	91.89	43 PDIF	15 19.00	6.6X
	2.0s	49.17nm	5.2mb	MNK	74.07	39 eP	13	40.00	-0.5			e	28 34.30	
BGL	49.08	36 eP	10 51.51		75.35	326 eP	14	01.00	13.3X	LSF	92.08	334 eP	15 12.50	-0.6
CP2	49.16	36 eP	10 53.08	UPP		eS	23	20.00			1.0s	12.40nm	5.3mb	
CRP	49.20	36 eP	10 52.47	ANN	75.45	334 iP	13	51.30	3.2X	OLY	94.59	41 (P)	15 25.27	0.4
PRZ	49.22	299 (P)	10 36.00		75.58	315 eP	13	52.00	2.9X	ARE	145.35	67 e(PKP)	21 42.00	-1.1
SLKM	50.14	37 (P)	11 00.07	LRM		e	23	34.00		ZOBO	147.77	64 PKP	21 50.20	2.7X
PMS	50.45	36 e(P)	11 05.10	FCC	75.91	44 ePc	13	51.50	0.1		1.2s	40.54nm		
FBA	51.26	31 eP	11 07.86	HFS	76.29	26 eP	13	56.50	3.6X	LP8	147.95	64 PKP	21 51.20	3.7X
	0.8s	6.78nm	4.6mb		76.61	336 eP	13	53.60	-1.1	CNCB	148.21	64 iPKPc	21 52.20	4.1X
KSH	51.75	296 eP	11 12.70	BONR	0.4s	1.60nm	4.4mb			CCH	149.93	63 PKP	21 55.60	5.2X
	14s	7.10um	5.9MszX	NAO	76.68	53 (P)	13	57.09	1.2	S.D. = 1.1 on 129 of 169 obs.				
	13s	7.50um			77.02	338 P	13	56.10	-0.9	-----				
	13s	7.90um		TNP	0.8s	6.20nm	4.7mb			% DEC 12, 1992 05h 02m 15.19± 0.71s				
		ScS	21 02.00		77.33	53 (P)	13	59.08	-0.3	34.460 S ± 0.1km 148.518 E ± 9.0km				
FRU	51.85	301 eP	11 14.00	HHA I	0.9s	8.87nm	4.8mb			DEPTH = 10.0km (geophysicist)				
	2.5s	210.00nm	5.6mb	PTI	77.41	46 eP	14	01.08	1.5	NEW SOUTH WALES, AUSTRALIA			(601)	
	14s	3.00um	5.5MszX	HVU	77.66	46 eP	14	02.92	1.9	ML 3.1 (RIV).				
	14s	3.30um		DUG	78.05	47 eP	14	03.77	0.6					
		e	13 17.00		78.94	49 eP	14	08.90	0.8	BWA	0.09	293 iPd	02 16.70	-1.1
		eS	18 40.00	BW06	0.9s	12.38nm	4.9mb					iS	02 17.50	
TOA	52.04	35 e(P)	11 17.10		79.38	45 eP	14	10.44	-0.1	CAN	0.95	155 iPd	02 33.60	0.4
BRVK	52.61	314 eP	11 17.00	DAU	0.9s	12.47nm	4.9mb					eS	02 46.70	
	2.0s	77.00nm	5.3mb	ARUT	79.78	48 eP	14	13.39	0.5	CNB	1.10	141 iPc	02 35.60	-0.3
	16s	9.27um	5.9MszX	MSU	79.95	51 (P)	14	12.66	-1.0			eS	02 47.50	
NDI	54.44	283 iP	11 31.50	EMUT	80.33	50 eP	14	16.56	0.8	RIV	2.28	75 eP	02 53.30	-0.1
		eS	19 12.00	SRU	80.40	48 eP	14	17.14	1.0			iS	03 20.20	
WB2	54.45	188 iPc	11 31.10	UZH	81.01	49 eP	14	19.83	0.6	CMS	3.73	322 eP	03 14.80	0.8
	0.5s	12.90nm	5.2mb		81.31	324 eP	14	21.00	0.7			i	03 25.20	
SVE	57.32	320 ePc	11 52.00	OJC		eS	24	24.00				eS	03 59.00	
	4.0s	350.00nm	5.7mb X		81.38	327 eP	14	21.60	0.9	TOO	3.96	217 eP	03 20.60	3.3X
	16s	9.50um	6.0MszX	ULM		e	14	28.30	21km		0.5s	118.00nm		
	16s	6.50um		RSSD	81.61	33 eP	14	24.50	2.6X			e(S)	04 10.00	
	16s	5.00um			81.68	42 eP	14	22.54	-0.1	STKA	6.35	292 eP	03 51.50	0.4
		eS	19 44.00	SPC	1.7s	42.98nm	5.2mb					eS	05 02.40	
HY8	58.39	270 eP	12 00.00	CMP	81.90	326 eP	14	25.20	1.5	S.D. = 0.9 on 6 of 7 obs.				
	1.2s	128.60nm	5.9mb	PV09	82.20	320 ePc	14	37.00	11.9X	-----				
		e	12 12.20	PV10	82.24	48 eP	14	26.62	0.8	% DEC 12, 1992 05h 14m 03.71s				
		eS	20 04.00	PV08	82.38	48 ePc	14	27.43	1.0	59.064 N 154.448 W				
MBL	59.00	204 eP	11 55.00	PSZ	82.49	48 eP	14	27.90	0.7	DEPTH = 132.8km				
DZM	60.86	154 iPc	12 17.40	HRI	82.96	325 e(P)	14	30.20	1.1	SOUTHERN ALASKA			(2)	
RMQ	60.89	173 eP	12 17.70	BRG	83.32	306 eP	14	31.80	0.6	<AEIC>.				
	1.0s	34.00nm	5.4mb		83.46	330 eP	14	29.00	-2.5	MCNL	0.13	25 iP	14 21.15	0.7
GBA	61.26	267 P	12 19.20	CLL		i	14	38.20	29km	AUW	0.59	58 iP	14 23.17	-0.7
POO	61.73	274 iP	12 17.90		83.52	330 eP	14	31.00	-0.8	AUI	0.59	62 iP	14 23.02	-0.9
		iS	20 48.00	BUD		i	14	37.60	21km			eS	14 38.44	
QUE	61.99	289 eP	12 23.00	SRO	83.68	326 eP	14	35.70	2.6X			eS	14 38.73	
		eS	20 57.00	GLD	83.82	46 eP	14	35.11	1.3	AUH	0.60	59 eP	14 23.38	-0.6
KOD	63.04	264 eP	12 25.00		1.5s	48.31nm	5.5mb			AUP	0.61	60 eP	14 23.30	-0.8
MAIO	65.04	298 eP	12 45.00	PRU	83.88	329 eP	14	34.60	1.0	AUL	0.61	58 eP	14 23.29	-0.7
RES	65.13	14 eP	12 45.50			e	14	40.00	17km	AUE	0.63	61 eP	14 23.42	-0.7
	0.9s	11.00nm	5.0mb			e	18	10.00		PDB	0.74	10 iP	14 23.66	-1.2
ASH	65.17	300 eP	12 47.00	CSS		S	24	58.00		OPT	0.86	46 iP	14 25.14	-0.8
	2.0s	230.00nm	6.0mb	ZST	83.88	308 eP	14	36.40	2.4	SYI	1.16	112 eP	14 27.62	-1.1
		e	13 21.00	JVI	84.07	326 eP	14	34.80	0.2			iS	14 45.88	
		eS	15 08.00	PGB	84.38	305 eP	14	37.20	0.6	INW	1.21	33 iP	14 27.77	-1.6
		PS	21 51.00	MOX	84.49	319 eP	14	36.00	-0.9	INE	1.22	35 eP	14 28.10	-1.4
		e	21 56.00	SOP	84.59	331 eP	14	38.00	0.8	ILIM	1.27	36 iP	14 28.66	-1.2
		e	22 28.00	RZN	84.69	326 e(P)	14	32.00	-5.7X			eS	14 49.35	
		eSS	25 37.00	KHC	84.76	318 iPd	14	39.00	0.5	RED	1.60	31 eP	14 31.89	-1.7
STKA	65.89	180 eP	12 49.80		84.93	329 P	14	39.00	0.0	RS1	1.64	31 eP	14 32.54	-1.6
YKA	66.01	30 eP	12 49.00		1.1s	8.00nm	4.9mb					eS	14 55.31	
	0.8s	4.10nm	4.6mb			e	14	45.40	20km	RS2	1.64	31 iP	14 32.58	-1.6
SDF	67.56	338 iP	13 00.30	ELL		e	15	49.50				eS	14 55.37	
DAG	68.46	355 eP	13 05.50	VTS	84.94	312 eP	14	42.00	2.6X	RSO	1.64	31 eP	14 32.57	-1.6
	0.9s	14.29nm	5.1mb	GEC2	84.98	319 iPd	14	40.00	0.5			eS	14 55.70	
BWA	68.72	174 eP	13 09.10		85.10	328 P	14	39.60	-0.3	RDW	1.65	30 iP	14 32.52	-1.7
		iPp	13 14.30	GRF	0.8s	1.77nm	4.3mb					S	14 54.69	
		i	13 14.40			e	14	46.10	20km	KDC	1.67	141 P	14 32.20	-2.1
		i	13 23.00		85.49	330 iPc	14	42.60	0.9	REF	1.68	31 eP	14 32.83	-1.8
GMW	68.95	46 eP	13 10.57			ic	14	48.50	19km			eS	14 56.06	
RMW	69.57	46 eP	13 14.57	KK8	85.54	319 eP	14	41.00	-1.1			eS	14 56.37	
CAN	69.66	174 eP	13 14.50	SAGI	85.89	304 eP	14	45.50	1.4	NCT	1.69	26 iP	14 32.88	-1.7
		iPp	13 20.00	VAY	86.19	319 eP	14	46.40	1.0	DFR	1.77	29 eP	14 33.76	-1.8
OBN	70.36	324 (P)	13 26.00	OHF	87.30	320 eP	14	50.80	0.0	BRLK	1.95	67 eP	14 35.71	-2.0
		e	13 44.00	FIR	90.07	327 eP	15	09.00	5.1X	SVW	2.13	345 P	14 38.40	-1.6
		(PPP)	17 40.00	LPL	90.66	330 eP	15	10.30	3.4X	CKL	2.39	25 eP	14 40.99	-2.2
		eS	22 30.00		1.0s	5.60nm	4.8mb			CKT	2.42	27 eP	14 41.59	-2.0
		ePS	23 06.00	LPG	90.66	330 eP	15	11.40	4.4X	BGL	2.43	24 eP	14 42.13	-1.7
KAF	70.78	333 iP	13 20.00	SMF	0.9s	8.50nm	5.0mb			SFU	2.44	28 eP	14 41.50	-2.3
	0.6s	3.60nm	4.7mb		90.88	332 eP	15	13.30	5.7X	CKN	2.45	27 eP	14 42.29	-1.6

CP2 2.47 26 eP 14 42.42 -1.9
 CGLM 2.56 27 eP 14 43.24 -2.2
 SLKM 2.58 54 eP 14 42.95 -2.7
 SEW 2.75 66 eP 14 45.16 -2.5
 MPA 2.94 59 eP 14 47.76 -2.5
 SKT 3.26 25 eP 14 52.96 -1.5
 PTE 3.27 54 eP 14 51.52 -3.0
 PMS 3.28 46 P 14 51.70 -3.0
 MTU 3.58 72 P 14 56.00 -2.8
 KNIM 3.64 66 eP 14 56.17 -3.3
 KNK 3.80 49 eP 14 57.69 -4.0
 40 obs. associated

DEC 12, 1992 05h 29m 26.35±0.11s
 8.480 S ± 3.0km 121.896 E ± 2.7km
 DEPTH = 27.7km (geophysicist)
 6.5mb (78 obs.) 7.5MsZ (43 obs.)
 FLORES REGION, INDONESIA (286)

Ms 7.5 (BRK). Mo=8.0*10**20 Nm
 (PPT). At least 2,500 people
 killed or missing in the Flores
 region, including 1,490 at
 Maumere and 700 on Babi. More
 than 500 people were injured and
 90,000 were left homeless.
 Nineteen people killed and 130
 houses destroyed on Kaloatoo.
 Severe damage, with
 approximately 90 percent of the
 buildings destroyed at Maumere
 by the earthquake and tsunami;
 50 to 80 percent of the
 structures on Flores were
 damaged or destroyed. Damage
 also occurred on Sumba and Alor.
 The tsunami on Flores ran inland
 as much as 300 meters with wave
 heights of 25 meters. Landslides
 and ground cracks were reported
 at several locations on the
 island. Felt (V) at Loranuka,
 Flores; (IV) at Waingapu, Sumba
 and Ujung Pandang, Sulawesi;
 (II) at Kupong, Timor. Depth
 from broadband displacement
 seismograms.

FAULT PLANE SOLUTION: P-Waves
 NP1:Strike= 85 Dip=40 Slip= 90
 NP2: 265 50 90
 Principal Axes:
 T Plg=85 Azm=175
 P 5 355

Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is not determined.

RADIATED ENERGY
 No. of sta: 17 Focal mech. M
 Energy 6.6±1.0*10**15 Nm

MOMENT TENSOR SOLUTION
 Dep 49 No. of sta: 16
 Moment Tensor: Scale 10**20 Nm
 Mrr= 1.22 Mtt=-1.37
 Mff= 0.15 Mrt=-0.10
 Mrf= 0.46 Mtf=-0.14

Principal axes:
 T Vol= 1.40 Plg=69 Azm=261
 N -0.01 21 86
 P -1.38 1 355

Best Double Couple: Mo=1.4*10**20
 NP1:Strike= 65 Dip=47 Slip= 61
 NP2: 284 50 118
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN

M.W.: 37S, **C

Centroid Location:
 Origin Time 05:29:49.9 0.1
 Lat 8.34S 0.01 Lon 122.49E 0.01
 Dep 20.4 0.4 Half-duration 17.8
 Moment Tensor: Scale 10**20 Nm
 Mrr= 4.94 0.05 Mtt=-4.74 0.03
 Mff=-0.20 0.03 Mrt=-0.72 0.14
 Mrf=-0.48 0.17 Mtf=-1.17 0.02
 Principal Axes:
 T Vol= 5.02 Plg=84 Azm=130
 N 0.07 3 256

P -5.09 5 346
 Best Double Couple: Mo=5.1*10**20
 NP1:Strike= 80 Dip=40 Slip= 95
 NP2: 253 50 86

WSI 1.98 233 iP 30 01.20 2.6
 e(S) 30 38.00
 NINI 4.56 332 iP 30 37.50 2.0
 BUNI 5.04 342 iP 30 42.40 0.3
 TANI 5.60 333 iP 30 51.00 1.8
 KEDI 5.78 274 iP 30 52.40 -0.1
 KHKI 6.22 271 eP 30 59.00 0.2
 THRI 6.29 271 iP 30 59.10 -0.7
 RATI 6.30 267 iP 31 00.70 0.8
 JEHI 6.63 273 iP 31 04.20 -0.3
 INGI 6.68 267 iP 31 06.10 0.8
 RANI 6.87 270 iP 31 08.20 0.2
 KELI 7.33 272 iP 31 14.40 0.0
 SRDI 7.67 269 iP 31 18.30 -0.8
 PCI 7.80 345 ePd 31 27.50 6.6X
 e(S) 32 35.00
 e 44 05.00
 AAI 7.87 53 iP 31 24.60 2.8
 TRT 9.20 274 ePc 31 42.10 1.8
 eS 34 12.00
 SLKI 9.32 88 iPc 31 41.00 -1.0
 KNA 9.86 138 iPc 31 55.60 6.1X
 MTN 10.06 116 eP 31 49.20 -2.9
 MNI 10.28 17 iP 31 58.50 3.2X
 TNE 10.69 31 ePc 32 03.60 2.8
 MBL 12.76 189 eP 32 14.50 -14.3X
 i 32 17.00
 TSM 13.31 342 ePd 32 38.50 2.4
 1.1s 544.00nm 6.5mb
 e 33 11.00
 SINI 14.34 275 iP 32 49.80 0.0
 PACI 14.97 276 iP 32 48.40 -9.6X
 KALI 15.16 274 iP 32 59.40 -1.0
 0.8s 4.00nm 3.8mb X
 NANU 15.28 203 iPc 32 58.00 -3.9X
 KKM 15.50 338 ePc 33 07.80 2.9
 DAV 15.89 13 ePd 33 11.80 1.9
 PULI 15.93 277 iP 33 12.70 2.2
 PASI 16.26 275 iP 33 12.80 -1.8
 0.8s 3.50nm 3.5mb X
 WB2 16.59 135 iPd 33 12.70 -6.0X
 0.8s 662.50nm 5.8mb
 i 01 07.10
 i 03 54.60
 PENI 16.85 279 iP 33 23.80 1.8
 BIP 17.15 15 ePc 33 28.00 2.2
 KLI 17.30 281 eP 33 30.00 2.4
 e(S) 36 53.50
 MEEK 18.33 189 eP 33 38.00 -2.4
 ASPA 18.98 144 P 33 47.00 -1.4
 MENI 19.36 73 iP 33 52.40 -0.5
 YOMI 19.45 74 iP 33 54.30 0.3
 JAY 19.63 73 iP 33 54.90 -1.1
 PLP 19.76 9 ePc 34 00.50 3.3X
 OIS 20.90 127 iPc 34 08.10 -1.1
 MRWA 21.36 194 iPc 34 13.50 -0.3
 PGP 21.86 358 ePc 34 22.00 3.2X
 WWKK 22.13 79 eP 34 23.30 1.7
 COOL 22.30 182 iPc 34 22.10 -1.1
 TGY 22.46 358 ePd 34 28.00 3.2X
 BAL 22.54 192 iPc 34 25.50 -0.1
 FORT 22.92 166 iPc 34 28.80 -0.4
 OVP 22.97 358 eP 34 33.50 3.7X
 OCP 22.98 358 eP 34 27.00 -2.9
 KLM 23.24 299 ePc 34 35.00 2.5
 e 35 15.00
 KLB 23.32 189 eP 34 33.00 -0.1
 MDG 23.93 84 eP 34 40.30 1.2
 MUN 23.97 192 iPc 34 39.60 0.1
 IPM 24.53 301 ePc 34 45.60 0.6
 e 36 26.10
 MRPI 24.64 293 iP 34 46.20 0.0
 BAG 24.76 357 ePd 34 49.00 1.6
 BCP 24.77 357 eP 34 53.00 5.7X
 PMG 24.97 94 eP 34 47.00 -2.3
 PCB1 25.11 293 iP 34 50.30 -0.4
 SIMI 25.43 295 iP 34 54.10 0.2
 AEKI 25.63 293 iP 34 54.80 -0.8
 SEMI 25.83 294 iP 34 56.70 -0.9
 CVP 26.02 360 ePd 35 03.00 4.0X
 SIBI 26.07 296 iP 35 01.40 1.5
 LARI 26.23 295 iP 34 59.50 -1.6

CTA 26.23 119 iPd 35 02.00 1.0
 2.0s 1470.59nm 6.3mb
 CTAO 26.23 119 ePc 35 01.18 0.1
 SNG 26.30 306 eP 35 00.20 -1.5
 2.0s 6058.82nm 6.9mb
 RKG 26.35 189 iPc 35 02.50 0.5
 0.5s 320.00nm 6.2mb
 PIP 26.66 357 iPd 35 08.00 3.1X
 BBP 28.80 0 ePc 35 24.00 -0.2
 STKA 29.62 145 iPc 35 30.80 -0.8
 STK 29.62 145 P 35 31.29 -0.3
 QIZ 29.81 337 eP 35 34.16 0.8
 1.4s 1560.00nm 6.6mb
 N 13s 270.00um
 E 14s 360.00um
 BSI 29.94 297 iPd 35 37.00 2.3
 e 48 00.00
 RAB 30.37 84 iP+ 35 36.00 -2.5
 NNT 30.38 313 eP 35 40.00 1.5
 ADE 30.54 152 ePc+ 35 40.10 0.3
 RMO 31.14 128 iPc 35 45.20 0.0
 eS 41 08.50
 MCO 31.49 345 eP 35 50.30 2.1
 HKC 31.52 346 iP 35 51.00 2.6
 GUA 31.63 46 eP 35 44.00 -5.5X
 1.2s 2775.00nm 7.0mb
 e 35 49.80
 eS 40 53.00
 GUMO 31.63 46 P 35 38.59 -10.9X
 PJG 31.63 46 eP 35 44.50 -5.0X
 CMS 31.94 139 iPc 35 51.70 -0.4
 NST 32.26 318 iPc 36 01.50 6.5X
 GZH 32.47 345 iPc 35 58.00 1.3
 N 30s 1170.00um
 E 22s 200.00um
 LOE 32.54 322 ePc 35 59.10 1.7
 TATO 32.25 359 ePc 36 02.57 -0.9
 esPd 36 14.91
 QZH 33.38 355 iPc 36 04.00 -0.6
 2.5s *****nm 7.4mb
 N 24s 1100.00um
 S 41 24.00
 BDT 34.14 319 eP 36 11.50 0.2
 BRS 34.72 127 iPd 36 16.00 -0.3
 1.0s 90.00nm 5.7mb
 CHG 35.33 320 ePc 36 22.30 0.8
 1.2s 410.16nm 6.2mb
 eS 42 10.00
 CHTO 35.33 320 ePc 36 22.77 1.3
 epPd 36 30.96 28kmX
 BWA 35.50 141 eP 36 26.10 3.2X
 i 36 29.70
 CAN 36.44 141 eP 36 32.60 1.7
 i 36 35.80
 CNB 36.67 141 iPd 36 32.80 0.0
 RIV 36.91 137 eP+ 36 35.50 0.8
 GYA 37.75 337 iPc 36 43.60 1.6
 1.2s 640.00nm 6.3mb
 N 18s 375.00um
 E 18s 649.00um
 PP 38 16.00
 KMI 38.26 331 ePc 36 49.26 2.9
 N 15s 374.00um
 E 15s 670.00um
 epPd 36 57.20 27kmX
 esP 37 03.00
 eS 42 37.00
 SSE 39.35 359 ePc 36 56.57 1.4
 1.2s 1550.00nm 6.6mb
 Z 20s 270.00um 7.1MsZ
 N 24s 708.00um
 E 24s 545.00um
 epPd 37 05.09 29kmX
 esPd 37 09.07
 PP 38 32.00
 iS 42 58.00
 sS 43 10.00
 WHN 39.47 350 P 36 58.00 1.9
 1.0s 340.00nm 6.0mb
 S 43 02.00
 ENH 40.33 343 ePc 37 04.56 1.3
 epPd 37 12.26 26kmX
 iS 37 16.23
 NJ2 40.41 356 iPc 37 05.40 1.6
 0.8s 520.00nm 6.3mb
 N 17s 570.00um
 E 21s 355.00um

CD2	42.85	337	iPc	37	24.80	0.8		1.1s	360.00nm	6.3mb		PP	42	16.00			
	N	15s	331.00um						epPd	38	52.99	28kmX	eS	47	46.00		
			iPP	39	08.00		ERM	53.89	20	ePc	38	49.69	0.3	SS	52	00.00	
			iS	43	50.00				epPd	38	57.64	26kmX	iP	39	28.10	-0.4	
SHK	43.98	13	eP	37	34.00	1.0			esPd	39	02.27		S	47	48.00		
XAN	44.04	344	iPc	37	33.70	0.1	LMZ	54.08	139	eP	38	49.60	-1.2	SS	51	00.00	
	1.0s	380.00nm			6.2mb			0.7s	226.00nm	6.3mb			SSS	53	15.00		
	E	15s	118.00um				BCZ	54.23	142	eP	38	53.10	1.2	LR	56	57.00	
			S	44	08.00		SAP	54.26	17	iP	38	45.20	-6.9X	iPc	39	36.80	-0.1
TIA	44.68	355	eP	37	38.30	-0.4			eS	46	43.00						
	1.2s	600.00nm			6.4mb		POO	54.47	300	iPc	38	45.50	-8.6X				
	N	20s	669.00um						iS	46	30.00						
	E	17s	184.00um				MMCZ	54.57	140	P	38	54.60	0.0				
			pP	37	48.50	35kmX	MCO	54.59	154	iPd	38	55.30	0.9				
SHL	44.70	320	iPc	37	38.50	-0.7			i	39	39.70		epPd	39	44.42	25kmX	
			eS	44	18.50				eS	47	51.70		pCs	44	18.00		
DZM	44.87	113	iPc	37	40.20	-0.4	MHZ	54.69	140	eP	38	56.00	0.5	ScS	47	54.00	
BKM	45.95	106	iPc	37	51.80	2.7	SBCZ	54.72	140	eP	38	55.40	-0.3	ScS	49	16.00	
PVC	46.03	106	iP	37	48.00	-1.6	CMCZ	54.72	140	eP	38	55.50	-0.2	eP	39	38.00	0.8
TIY	46.79	350	Pd	37	55.40	-0.1	MSCZ	54.78	140	ePc	38	56.10	0.0	eS	47	56.00	
	1.0s	170.00nm			6.0mb		WCZ	54.91	128	eP	38	59.40	2.3		39	37.00	-1.2
	Z	24s	128.00um		6.8MszX		DSZ	54.98	136	eP	38	58.70	1.1				
	N	17s	1134.00um						e	45	56.20		e	41	48.00		
	E	20s	237.00um						e	46	44.80		eS	48	00.00		
			pP	38	04.00	29kmX	ORZ	55.14	134	eP	39	00.80	2.1	iPc+	39	47.00	-1.7
			sP	38	14.00		TUZ	55.31	141	eP	38	59.80	0.0				
DL2	47.14	360	iPc	37	58.00	-0.1			0.6s	125.00nm	6.1mb		Z	24s	393.70um	4.6mb X	
	1.0s	330.00nm			6.3mb		ODZ	55.55	140	eP	39	01.60	0.0	N	24s	296.46um	7.5MszX
	E	18s	700.00um					0.6s	83.00nm	5.9mb			E	24s	66.88um		
MAJO	47.33	18	ePc	37	58.69	-1.0	SVA	55.69	106	iPc	39	02.80	-0.2				
			epPd	38	07.13	28kmX	VUN	55.69	106	eP	39	02.20	-0.8	ePcP	40	17.00	
			esPd	38	11.52		LTZ	55.69	137	eP	39	01.90	-0.8	epP	40	27.50	172kmX
MAT	47.33	18	iPc	37	58.60	-1.1			0.6s	166.00nm	6.2mb						

		i	40	58.00		MAK	84.56	315	iPc+	41	58.60	0.2	MDRJ	90.72	300	P	42	27.73	-0.00	
		e	43	14.00			2.3s	2340.00nm				7.0mb	HITJ	90.75	300	Pc	42	27.95	-0.8	
		eS	49	52.00			Z 25s	300.00um				7.6MszX	KSR	90.81	244	iPd	42	30.00	0.8	
		e	50	25.00			N 25s	329.00um						1.0s	6900.00nm			7.9mb X		
		e	50	40.00			E 25s	803.00um					GAZ	90.86	307	eP	42	29.00	0.2	
		eSS	54	16.00									BLF	90.87	241	iPc	42	29.20	-0.2	
MAW	70.71	200	iP	40	43.60	2.2	AAE	84.60	280	eP	41	59.70	0.1		0.7s	1880.00nm			7.5mb	
	1.1s	668.50nm			6.7mb								JARJ	91.06	302	Pc	42	29.26	-0.8	
Z	18s	256.70um			7.5Msz		NAI	84.96	269	ePd	42	01.50	0.1	NAOJ	91.08	300	Pc	42	29.53	-0.8
		iS	55	04.50									SHWJ	91.15	300	Pc	42	30.55	-0.1	
MGD	72.12	15	iPc+	40	50.00	0.0	GRO	85.88	315	iPc+	42	04.00	-1.0	MASJ	91.17	302	Pc	42	29.86	-0.7
	1.0s	5280.00nm			7.5mb								MRSJ	91.19	300	Pc	42	30.02	-0.7	
Z	18s	124.00um			7.2Msz		Z 24s	130.40um				7.2MszX	KFNJ	91.23	302	Pc	42	30.02	-0.6	
N	18s	157.00um											SALJ	91.25	302	Pc	42	30.46	-0.4	
E	18s	120.00um											KSHT	91.28	303	iPd	42	31.90	0.9	
		e	43	28.00									SHMJ	91.29	303	Pc	42	30.69	-0.3	
		ePPP	45	12.00			AFR	85.90	107	eP	42	08.00	2.4	LISJ	91.30	301	Pc	42	30.77	-0.2
		iS	50	14.00				1.6s	4656.70nm			7.5mb	DHLJ	91.30	301	Pc	42	30.53	-0.5	
		PS	51	00.00			PAE	86.07	107	eP	42	08.90	2.5	HQL	91.36	299	ePc	42	30.00	-1.3
		eSSS	57	52.00				1.6s	5074.60nm			7.5mb	MZDA	91.47	301	iPd	42	31.80	0.1	
MAIO	73.51	312	iPc	40	57.00	-1.8	MTA	86.08	313	iPc+	42	05.60	-0.4	BHL	91.57	304	P	42	30.00	-2.4
	1.5s	315.32nm			6.1mb			0.8s	260.00nm			6.5mb				SKS	53	00.00		
ASH	75.01	313	eP	41	06.00	-1.3	Z 25s	43.00um				6.7MszX	MBH	91.58	300	iPd	42	32.60	0.1	
	2.4s	2820.00nm			6.9mb		N 25s	68.00um					ZNT	91.83	302	eP	42	34.10	0.6	
Z	23s	376.46um			7.6MszX		E 25s	75.00um					SWZ	91.96	242	eP	42	35.20	0.8	
E	23s	272.65um												1.2s	6562.50nm			7.9mb X		
		i	41	17.00									ANN	92.11	315	iP+	42	32.00	-2.4	
		i	43	51.00												e	46	18.00		
		iPPP	45	37.00												ePPP	48	08.00		
		eS	50	37.00												e	53	02.00		
		iPS	51	05.00												e	53	36.00		
		i	51	22.00												ePS	54	50.00		
BRVK	75.29	331	iPc	41	06.50	-2.1	PPT	86.09	107	eP	42	09.10	2.5	AKSR	92.33	293	iPd	42	36.80	1.0
		eS	50	41.00			Z 41s	2000.00um				7.8mb X	KVT	92.39	311	eP	42	36.00	0.1	
SMY	75.38	30	eP	41	11.10	2.0	PPN	86.23	107	eP	42	09.10	1.9	AGAL	92.47	293	iPd	42	40.50	4.0X
Z	23s	129.20um			7.2MszX			2.1s	*****nm			7.7mb X	AKUR	92.59	294	iPd	42	38.00	1.0	
		i	41	24.10			TVO	86.37	107	eP	42	10.60	2.6	LWI	92.73	267	iPc	42	37.60	-0.7
RAR	76.15	110	ePc	41	14.00	-0.1		1.9s	*****nm			8.0mb X	LWI	92.73	267	iP+	42	38.00	-0.3	
		e	41	26.58			ILT	86.85	19	iPc	42	09.00	-0.3	AGMR	92.75	293	eP	42	47.20	9.4X
SHI	76.63	303	eP	41	11.00	-5.9X			iS	52	24.00		CSS	93.63	305	eP	42	42.50	0.8	
KAT	77.00	313	iP+	41	17.00	-1.5	CIR	87.30	249	iPd	42	15.50	3.1X	MOS	93.73	326	iPc	42	40.00	-1.6
		e	41	27.00			PYA	87.90	315	iPc	42	13.00	-1.8		4.0s	2300.00nm			7.0mb X	
		eS	51	16.00				1.3s	600.00nm			6.7mb		Z 25s	490.00um			7.9MszX		
		ePS	52	07.00			Z 26s	160.00um				7.3MszX	N 24s	480.00um						
DHR	77.68	299	ePc	41	18.50	-4.0X			iS	52	54.00		E 24s	370.00um						
ADK	79.73	34	eP	41	34.90	1.8			iSSS	02	10.00					e	46	26.00		
Z	20s	145.00um			7.3Msz		BFT	88.04	244	iPc	42	17.50	1.3			e	53	14.00		
TIK	80.08	2	iPc+	41	34.00	-0.6		1.5s	*****nm			8.2mb X				eS	53	34.00		
	2.6s	2100.00nm			6.7mb		PMO	88.04	105	eP	42	18.60	2.6			iPS	55	03.00		
Z	22s	250.00um			7.5Msz			1.6s	6189.00nm			7.7mb X	SVW	93.74	29	eP	42	41.60	-0.1	
		i	41	49.00			VAH	88.26	105	eP	42	19.50	2.5	TTA	93.90	27	eP	42	42.10	-0.3
		iS	51	34.00				1.9s	7794.60nm			7.7mb X		1.3s	442.60nm			6.7mb		
		iPS	52	14.00			TPT	88.31	105	eP	42	19.90	2.6	KAS	94.14	311	eP	42	44.00	0.0
		iSS	56	43.00				1.9s	*****nm			7.8mb X	OBN	94.20	325	(P)	42	40.14	-3.7X	
RYD	80.35	297	ePc	41	35.10	-2.1	RUV	88.50	105	eP	42	20.70	2.5	SIM	94.35	315	eP	42	43.00	-1.8
		iS	51	42.00				1.4s	2816.00nm			7.4mb				i	46	40.00		
NRI	81.14	349	iPc+	41	38.10	-2.2	NVL	88.52	198	iPc+	42	18.40	1.0	HLW	94.64	299	eP	42	46.00	-0.4
	1.4s	324.00nm			6.2mb			1.8s	2187.00nm			7.2mb				eS	46	41.00		
		e	41	52.00			Z 18s	363.00um				7.8Msz	KDC	94.76	32	eP	42	47.64	1.3	
		e	46	45.00					eS	52	12.00			1.1s	63.33nm			6.0mb		
KMSA	81.27	292	eP	41	43.93	1.9	RUWJ	89.06	303	Pc	42	23.08	2.4	BRW	95.20	19	eP	42	47.13	-1.0
SPA	81.57	180	iPc	41	43.70	0.8	SHBJ	89.50	303	Pc	42	23.40	0.5	BGL	95.31	29	eP	42	47.79	-1.2
DHJN	81.64	289	eP	41	43.80	-0.5	WAJH	89.54	296	eP	42	14.00	-9.0X	CP2	95.38	29	eP	42	47.70	-1.7
MJMA	81.78	298	ePc	41	43.47	-1.2	SLR	89.60	244	iPc	42	23.00	-0.5	CRP	95.42	29	eP	42	47.89	-1.7
SVE	81.99	331	eP	41	43.00	-2.0		1.5s	6111.11nm			7.7mb X	IMA	95.43	24	eP	42	49.60	0.1	
		eS	52	00.00					S	52	32.00			1.4s	412.70nm			6.7mb		
BAK	82.01	313	iPc	41	46.00	0.6	TBZ	89.60	311	eP	42	17.00	-6.0X	CER	95.77	235	iPc	42	54.50	2.8
Z	20s	325.00um			7.7Msz		SEK	89.76	242	iPc	42	22.70	-1.6	BCK	96.12	307	eP	42	49.00	-4.2X
N	22s	386.00um						0.7s	1972.60nm			7.5mb	POF	96.15	239	iPc	42	56.00	2.6	
E	20s	244.00um					SDN	89.94	34	eP	42	24.20	0.0		1.0s	3200.00nm			7.7mb X	
KMTA	82.32	290	ePc	41	47.30	-0.5	PRY	90.12	243	iPd	42	26.60	0.6	BLE	96.16	235	iPd	42	56.00	2.6
KER	82.39	306	ePd	41	46.50	-1.3		1.0s	6500.00nm			7.8mb X		1.5s	*****nm			8.7mb X		
ABHA	82.45	290	ePc	41	48.73	0.3	SOC	90.16	314	iPc+	42	24.00	-1.5	SLKM	96.27	30	eP	42	51.15	-2.1
ARU	82.80	330	(P)	41	45.00	-4.2X		2.9s	2900.00nm			7.0mb	ELL	96.59	306	eP	42	54.50	-0.9	
		e	52	54.00			Z 22s	76.50um				7.1Msz	GPA	96.62	310	eP	42	56.00	0.7	
SHE	83.01	313	iPc	41	52.00	1.4	N 21s	70.00um					ALT	96.66	308	eP	42	54.00	-1.6	
	1.2s	550.00nm			6.6mb		E 23s	58.00um					PMS	96.67	29	eP	42	53.70	-1.4	
AFIF	83.26	296	ePc	41	52.87	0.5			ePPP	48	00.00			1.5s	643.20nm			6.9mb		
QASM	83.38	298	eP	41	54.33	1.4	BUL	90.18	250	iPd	42	28.00	1.7	EYL	96.76	310	eP	42	50.00	-6.1X
HON	83.94	67	P	42	00.00	4.3X		1.1s	209.49nm			6.3mb	PMR	96.90	29	eP	42	53.52	-2.5	
Z	20s	103.47um			7.2Msz				iS	53	08.00			1.4s	366.33nm			6.7mb		
KIP	83.95	67	ePc	41	57.14	1.4	CSTJ	90.27	301	Pc	42	26.85	0.5	Z 21s	114.58um			7.3Msz		
		ePd	42	04.43	23kmX		ANM	90.30	24	eP	42	26.30	0.5	KHL	97.05	308	eP	42	55.50	-1.8
		ePd	42	08.65			ARTJ	90.33	302	Pc	42	26.58	-0.1	ISK	97.64	310	eP	42	58.00	-1.8

	0.9s		1.08nm			
			e	44	08.10	
			e	44	17.50	
			e	44	25.50	
			e	44	29.60	
			e	44	33.50	
			e	44	39.20	
			e	47	22.40	
			e	47	30.00	
			e	47	46.10	
			e	48	09.50	
			e	48	32.50	
KHC	108.34	319	ePdiff	44	01.30	13.7X
Z	20s	123.70um				7.5Msz
		i	44	35.00		
		e	47	26.50		
		ePKKP	59	11.00		
CLL	108.37	321	ePKP	47	36.00	-17.8X
Z	21s	225.00um				7.7Msz
		eSKS	54	18.00		
		ePPS	58	36.00		
VOY	108.55	316	e(Pdif	43	53.90	5.2X
		e	44	06.10		
DUI	108.61	311	PKP	47	38.90	-15.8X
TRI	108.68	315	e(Pdif	43	48.00	-1.1
KBA	108.79	317	e(Pdif	44	03.00	13.2X
SDI	109.09	311	Pdiff	44	08.00	16.9X
FVI	109.24	316	Pdiff	44	09.00	17.5X
		ePP	47	22.30		
MDX	109.35	321	ePdiff	43	56.00	4.0X
Z	19s	86.00um				7.3Msz
N	22s	190.00um				
E	22s	26.00um				
		eSKS	54	48.00		
ARV	109.53	313	Pdiff	43	59.30	6.3X
GRF	109.77	320	ePdiff	43	59.80	5.9X
WTTA	109.91	317	i(Pdif	44	04.80	10.0X
		i	44	12.60		
		i	47	14.00		
WTTA	109.91	317	iPKP	47	59.60	2.5
FUR	110.00	318	ePdiff	43	54.50	-0.5
Z	22s	247.00um				7.7Msz
CTI	110.09	316	Pdiff	44	13.00	17.4X
CRE	110.23	313	Pdiff	43	59.00	2.8
SFI	110.26	314	Pdiff	44	03.00	6.8X
		ePP	47	27.50		
RES	110.59	10	ePdiff	44	00.50	3.5X
	1.0s	9.00nm				
RES	110.59	10	ePKP	48	08.00	10.7X
	1.0s	15.00nm				
FIR	110.71	314	e(Pdif	44	02.00	3.8X
BDI	111.13	314	PKP	48	03.10	3.7X
LLS	111.76	317	PKP	48	11.64	11.0X
WIT	111.86	324	ePKP	48	01.00	0.7
		ePP	48	58.00		
		ePKKP	59	01.00		
SLE	111.91	318	ePKPd	47	53.00	-7.7X
TMA	111.99	316	PKP	48	01.08	0.0
WTS	111.99	323	ePKP	48	00.00	-0.6
	0.9s	30.00nm				
		ePP	48	57.00		
		ePKKP	59	03.00		
		e(SKKS	06	49.00		
BNS	112.03	322	iPdiff	43	54.50	-9.4X
Z	21s	760.00um				8.3Msz
		iPP	48	40.00		
		iPS	58	30.00		
		iPKKP	59	37.50		
VAI	112.10	316	PKP	47	55.70	-5.3X
VAI	112.10	316	PKP	47	59.81	-1.2
YKA	112.53	25	ePKP	48	00.30	-1.0
	1.0s	16.30nm				
MMK	112.62	316	PKP	48	11.26	8.9X
ENN	112.85	322	ePKP	48	02.00	-0.3
	0.9s	39.00nm				
		ePP	48	56.00		
		ePPP	51	30.00		
		ePKKP	59	00.00		

BSF	113.02	318	ePKP	48 01.80	-1.1	MRCM	118.48	52	ePKP	48 14.20	0.4				i	48 49.00	
	1.1s	61.05nm				KVN	118.50	50	PKP	48 14.66	0.9	GLD	127.75	46	ePKP	48 32.98	1.4
GMW	113.22	42	ePKP	48 03.16	0.0			e	48 29.29			Z 20s	92.07um				7.5Msz
		iPP	48 57.61			MTUM	118.50	52	PKP	48 14.48	0.6			PP	50 46.56		
HAU	113.27	319	ePKP	48 02.40	-0.8	ISA	118.90	54	ePKP	48 14.32	-0.2	ULM	127.90	30	ePKPc	48 33.50	2.3
	1.4s	82.35nm					Z 20s	140.04um		7.6Msz		OUK	128.15	303	iPKP	48 34.00	1.7
EMS	113.32	317	PKP	48 04.55	0.9			SKS	55 38.54			ALO	128.58	52	PKP	48 45.77	12.5X
LPL	113.57	316	ePKP	48 05.70	1.5	DMU	119.01	328	ePKP	48 28.00	14.0X		Z 22s	22.81um		6.8Msz	
	0.9s	17.70nm				DLF	119.09	327	ePKP	48 27.00	12.9X	CIA	128.80	304	iPKP	48 34.30	0.8
DOU	113.85	321	Pd diff	44 22.00	10.0X			1.0s	116.00nm			ANTZ	130.50	300	iPKPc	48 37.00	0.2
		e	44 47.00			EBR	119.12	312	ePd diff	44 42.00	6.3X			i	48 45.00		
DOU	113.85	321	PKP	48 02.80	-1.5			e	48 15.00					i	48 51.50		
		ed	48 15.30			ETA	119.20	327	ePKP	48 27.00	12.6X	MZX	131.50	67	(PKP)	48 36.20	-2.6
		i	49 08.40					e	58 49.00			ACO	133.38	47	iPKPc	48 33.00	-9.1X
		SKS	55 06.00			DCN	119.47	328	ePKP	48 27.00	12.1X	RRO	134.50	48	iPKPd	48 47.50	3.2X
		e	58 38.00			ECP	119.52	326	ePKP	48 25.00	10.0X	WMOK	134.50	49	ePKP	48 45.18	0.9
SNF	113.92	322	PKP	48 09.80	5.4X			e	58 46.00				Z 20s	188.96um		7.8Msz	
		e	48 15.30			SES	119.61	36	ePd diff	44 41.00	3.3X			PP	51 23.00		
		e	58 58.70			SES	119.61	36	ePKP	48 14.00	-1.3	MEQ	134.63	49	iPKPd	48 30.80	-13.7X
		e	03 02.90					2.5s	3749.00nm			OCO	135.12	47	e(PKP)	48 36.90	-8.5X
FRF	114.04	314	ePKP	48 07.30	2.4	ECB	119.66	327	ePKP	48 28.00	12.8X	FNO	135.29	47	iPKPc	48 35.20	-10.6X
LON	114.06	42	ePKPc	48 07.99	3.1X	SSK	119.80	55	PKP	48 16.74	0.3	TUL	136.14	46	ePKP	48 44.30	-3.0
LON	114.06	42	ePKP	48 04.15	-0.8	PEC	120.29	56	ePKP	48 17.17	0.0		1.2s	237.90nm			
LRG	114.26	314	ePKP	48 06.50	1.2	GSC	120.31	54	ePKP	48 17.72	0.5		Z 20s	83.28um		7.5Msz	
CDR	114.64	314	ePKPc	48 22.50	16.5X	TPNV	120.39	52	PKP	48 17.96	0.5			LR	33 56.00		
		e	49 10.70				Z 21s	121.95um		7.5Msz	LNO	136.14	46	(PKP)	48 52.10	4.9X	
		i	49 36.10			ECHE	120.52	311	ePKP	48 18.37	1.0	IHA	136.76	163	ePKP	48 39.50	-9.1X
		e	52 25.10			LRM	120.53	41	ePd diff	44 50.70	8.5X			e	49 05.90		
WDC	114.84	49	Pd diff	44 24.04	7.4X			e	48 17.30			LPA	136.85	180	iPKPc	48 40.00	-8.7X
	Z 22s	170.14um			7.6Msz	ECRI	120.76	315	ePKP	48 18.70	0.9		Z 20s	126.24um		7.6Msz	
VGB	115.05	44	(Pd diff)	44 13.55	-4.0X	ETOR	120.98	313	ePKP	48 19.01	0.7			iPP	51 34.00		
VGB	115.05	44	ePKP	48 05.49	-1.3	HHAI	121.45	44	PKP	48 19.30	0.1			iPS	02 00.00		
		iPP	49 14.57			PTI	121.60	44	PKP	48 19.51	0.0			ePPS	03 44.00		
LBF	115.08	318	ePKP	48 06.20	-0.6	HVU	121.67	46	PKP	48 19.30	-0.4	PEL	136.91	164	ePKP	48 38.00	-11.0X
	1.3s	67.85nm				EVIA	121.92	310	ePKP	48 20.93	0.7	MDZ	137.61	167	ePKP	48 43.50	-6.8X
LOR	115.08	318	ePKP	48 06.10	-0.7	ENIJ	122.14	308	ePKP	48 21.48	1.0	UYO	137.94	47	iPKPd	48 39.70	-11.1X
	1.1s	45.40nm				DUG	122.14	48	PKP	48 20.22	-0.4	EEQ	137.95	22	ePKP	48 50.50	0.1
	Z 25s	224.00um			7.7MszX	EHUE	122.21	310	ePKP	48 23.85	3.1X	CCM	138.06	40	ePKPc	48 49.32	-1.6
NTYM	115.12	52	ePKP	48 07.42	0.3	ARUT	122.35	50	ePKP	48 20.99	-0.1	SLM	138.34	39	PKP	48 41.38	-10.0X
SSF	115.37	318	ePKP	48 06.90	-0.4	GLA	122.37	56	PKP	48 29.29	8.2X		Z 20s	349.83um		8.1Msz	
	1.0s	112.00nm				GUD	122.55	313	ePKP	48 22.43	1.1			PP	51 52.77		
AVF	115.54	318	ePKP	48 06.90	-0.7	FCC	122.83	21	ePKP	48 24.00	2.9	MIAR	138.39	46	ePKP	48 42.07	-9.5X
	0.9s	44.20nm				EBAN	123.02	310	ePKP	48 22.32	0.1		Z 20s	140.17um		7.7Msz	
LMEM	115.57	49	ePKP	48 07.44	-0.7	PAB	123.03	312	ePd diff	44 52.75	-0.5			PP	51 55.48		
ORV	115.81	50	PKP	48 09.84	1.4	ECOG	123.10	309	ePKP	48 22.88	0.4	ACX	138.49	74	(PKP)	48 54.79	2.5
		e	48 29.34			MSU	123.11	49	PKP	48 22.90	0.3	FVM	138.62	40	PKP	48 44.59	-7.3X
BGF	115.94	318	ePKP	48 08.10	-0.3	DAU	123.20	47	PKP	48 23.40	0.5		Z 21s	356.73um		8.1MszX	
	0.9s	115.95nm				EGUA	123.22	309	ePKP	48 29.51	6.9X			40	ePKP	48 53.56	1.6
DPW	116.12	41	PKP	48 15.47	6.7X	BW06	123.57	44	ePKP	48 22.69	-0.8	FVM	138.62	40	ePKP	48 53.56	8.1Msz
ARN	116.18	53	ePKP	48 08.61	-0.6	EMUT	123.71	47	PKP	48 23.20	-0.6		Z 21s	356.73um		8.1Msz	
MAF	116.22	318	ePKP	48 08.50	-0.5	ERUA	124.05	316	ePKP	48 31.32	7.2X	RTCV	138.67	167	e(PKP)	48 44.50	-7.8X
EKA	116.42	329	PKP	48 22.00	13.0X	EPLA	124.13	313	ePKP	48 25.80	1.5	III	138.67	72	(PKP)	48 55.53	2.7
	1.0s	26.80nm				SRU	124.15	48	PKP	48 23.00	-1.6	PDA	138.69	320	iPKPd	48 49.20	-2.8
TCF	116.44	318	ePKP	48 09.00	-0.4	EHOR	124.23	310	ePKP	48 24.93	0.4	MRA	138.70	170	e(PKP)	48 43.00	-9.2X
	1.3s	51.25nm				EPRU	124.47	309	ePKP	48 26.12	1.0	UNM	138.79	70	(PKP)	48 54.00	0.9
ESK	116.45	329	ePKP	48 26.00	16.9X	EJIF	124.80	309	ePKP	48 28.79	3.1X	TPM	138.96	71	(PKP)	48 44.00	-9.3X
ESK	116.45	329	ePd diff	44 25.39	2.0	STS	124.82	317	ePKP	48 32.54	7.0X	CFA	138.98	167	e(PKP)	48 43.00	-9.8X
AKU	116.56	343	iPKP	48 09.90	1.0	PLAT	125.12	308	ePKP	48 28.00	1.7	RTL	139.19	166	iPKPd	48 46.50	-6.7X
	2.6s	2000.00nm				ZER	125.15	306	iPKP	48 28.50	2.1	MBO	139.29	282	iPKPc	48 53.70	0.0
		e	58 57.70			CNIL	125.27	309	ePKP	48 41.00	14.4X	PPM	139.36	71	(PKP)	48 59.21	4.8X
NEW	116.70	40	PKP	47 56.53	-13.3X	IFR	125.32	305	iPKP	48 30.50	3.5X	OLY	139.36	44	PKP	48 47.27	-6.0X
	Z 20s	203.44um			7.7Msz			i	48 39.00		OLY	139.36	44	ePKP	48 51.56	-1.8	
		SP	59 00.83					i	48 45.00		ELC	139.80	40	PKP	48 48.18	-5.9X	
LSF	116.90	318	ePKP	48 09.70	-0.6			i	49 20.00		ELC	139.80	40	ePKP	48 51.97	-2.1	
	1.1s	25.90nm				PV09	125.38	48	PKP	48 27.86	0.7	TCA	139.92	171	ePKP	48 46.60	-8.0X
CAF	116.92	316	ePKP	48 10.40	0.0	EVAL	125.43	310	ePKP	48 30.06	3.2X	GRT	140.29	41	PKP	48 54.31	-0.6
	1.2s	70.80nm				PV10	125.49	49	PKP	48 26.96	-0.4	WLVO	140.51	23	PKP	48 51.15	-3.9X
CMB	116.95	52	PKP	48 20.00	9.3X	PV08	125.71	48	PKP	48 27.61	-0.3	IISM	140.53	70	(PKP)	48 57.02	1.2
	Z 20s	109.52um			7.5Msz	TUC	125.86	56	ePKP	48 28.71	0.7	TYNO	140.59	25	PKP	48 52.68	-2.6
RJF	117.18	317	ePKP	48 10.70	-0.1		Z 21s	90.14um		7.4Msz	RTPR	140.60	169	ePKPc	48 50.10	-5.6X	
	1.1s	72.05nm				RSSD	126.67	40	PKP	48 27.78	-1.6	CBM	140.74	11	ePKP	48 49.53	-5.9X
LDF	117.24	321	ePKP	48 10.40	-0.4		Z 21s	78.63um		7.4Msz	CBM	140.74	11	ePKP	48 54.66	-0.8	
	1.0s	55.60nm				KIC	127.07	272	PKP	48 29.00	-1.7		Z 21s	113.27um		7.6Msz	
FLN	117.41	321	ePKP	48 10.30	-0.8			e	01 42.00					PP	52 02.26		
	0.9s	44.05nm				AVE	127.22	306	iPKP	48 26.50	-4.0X	STCO	140.79	25	PKP	48 51.45	-4.2X
	Z 26s	227.00um			7.7MszX			i	48 57.50		LVVM	141.26	69	(PKP)	49 01.72	4.6X	
LPO	117.58	316	ePKP	48 12.70	1.1			i	50 42.00		RSNY	141.34	19	ePKP	48 56.44	-0.2	
GRR	117.77	321	ePKP	48 11.40	-0.4	LIC	127.34	271	PKP	48 29.50	-1.7		Z 20s	77.85um		7.5Msz	
	1.2s	91.95nm				TIC	127.38	272	PKP	48 29.80	-1.5	MIM	142.17	13	ePKP	48 57.18	-0.9
LFF	117.81	317	ePKP	48 12.00	0.0	GOL	127.67	46	ePKP	48 30.57	-0.9	MIM	142.17	13	ePKP	49 03.09	5.1X
	1.1s	86.70nm					Z 22s	98.91um		7.4Msz	LMN	142.32	8	ePKP	48 55.50	-2.8	
MFF	117.90	319	ePKP	48 11.60	-0.5			i	48 50.93		CYA	142.55	169	ePKPc	48 56.00	-3.3X	
	1.1s	79.35nm						PP	50 27.00		TKL	144.20	37	ePKP	48 59.33	-2.5	
LPF	118.01	320	ePKP	48 11.80	-0.5			SKKP	02 09.76		TBR	144.47	21	PKP	49 16.42	14.3X	
	0.7s	63.50nm															

12d 05h

PNJ 144.70 21 PKP 49 03.76 1.3
 GMTN 144.71 21 iPKP 49 02.40 -0.1
 FSA 144.79 168 iPKPc 49 02.30 -0.8
 BLA 144.97 32 PKP 49 01.08 -2.1
 CVL 145.35 29 ePKP 49 02.82 -0.9
 SCX 145.36 73 (PKP) 49 10.70 6.5X
 CBN 145.68 27 iPKPd 49 03.50 -0.7
 ANT 145.82 160 iPKP+ 49 05.30 0.4
 TPX 145.98 76 (PKP) 49 06.98 1.6
 PRM 146.12 38 ePKP 49 04.87 -0.3
 BMA 146.14 204 ePKP 49 07.70 2.2
 JSC 146.64 36 PKP 49 06.30 0.4
 CEH 146.66 32 ePKPc 49 06.02 0.1

Z 21s 101.25um 7.6Msz
 ep'df49 13.80
 eSp'df49 18.35

LHS 146.76 36 PKP 49 06.55 0.4
 VAO 146.87 199 ePKP 49 08.80 2.1
 HJA 147.70 167 ePKPc 49 10.00 2.1
 SGS 147.85 37 PKP 49 09.44 1.6
 HBF 148.11 37 PKP 49 12.18 3.9X
 ARE 151.90 152 ePKP 49 17.00 2.1
 CNCB 153.04 159 iPKPc 49 18.90 2.1
 CCH 153.10 163 PKP 49 17.10 0.5
 LPB 153.25 158 iPKPc 49 18.30 1.3
 ZOBO 153.47 158 ePKPc 49 19.26 1.7

BDF 153.97 203 ePKPc 49 18.09 0.5
 BAO 154.03 203 PKPd 49 18.00 0.3

e 49 19.50
 e 49 25.80
 e 49 30.30

PCJ 159.29 62 ePKPd 49 26.84 2.8
 STH 159.46 60 ePKPd 49 37.27 13.0X
 GWJ 159.53 60 ePKPd 49 29.56 5.1X

BOG 163.69 103 iPKPc 49 30.00 0.9
 BMG 165.10 94 iPKPc 49 27.00 -3.1X
 PORP 167.37 40 PKP 49 30.00 -1.6

SDV 167.61 87 ePKP 49 31.20 -0.9
 TOV 168.39 83 ePKP 49 32.30 -0.2
 OLLA 171.28 79 iPKPd 49 34.20 0.1

TRN 176.10 56 ePKP 49 36.68 1.2
 TPP 176.23 61 ePKP 49 37.51 2.0

S.D. = 1.4 on 457 of 633 obs.

& DEC 12, 1992 05h 36m 19.83s
 34.276 N 116.405 W
 DEPTH = 2.9km

SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
 Felt.

PEC 0.73 239 eP 36 33.47 -1.0
 eS 36 42.48

PLM 1.00 203 ePd 36 38.36 -1.1
 eS 36 52.29

SSK 1.07 267 ePc 36 39.61 -1.1
 eS 36 55.09

GSC 1.07 342 iPd 36 39.95 -0.8
 GLA 1.80 132 ePn 36 49.70 -2.3

ISA 2.19 310 ePn 36 56.05 -1.7
 ePg 37 00.26
 eS 37 27.48

TPNV 2.67 3 ePn 37 03.73 -0.9
 TNP 3.85 350 (Pn) 37 20.48 -1.1

8 obs. associated

* DEC 12, 1992 05h 43m 47.40±0.64s
 8.520 S ±10.8km 122.002 E ±12.5km
 DEPTH = 20.6km (4 depth phases)
 5.7mb (8 obs.)

FLORES REGION, INDONESIA (286)

PCI 7.87 344 ePc 45 48.20 4.7X
 e 48 16.20

TRT 9.31 274 ePc 46 03.60 0.1
 0.8s 10.50nm 5.2mb

BIP 17.16 14 iPc 47 50.50 2.8
 KLI 17.41 281 eP 47 52.00 1.2

e 06 04.00
 e 08 35.00
 e 09 12.00

PLP 19.78 9 ePd 48 22.50 3.1X
 PGP 21.90 357 eP 48 43.50 2.3
 PPI 22.96 289 e(P) 48 56.00 4.3X
 CVP 26.06 360 eP 49 29.00 7.7X
 QIZ 29.88 336 Pd 49 55.70 -0.4

GYA 37.83 337 iPd 51 05.00 0.4
 1.2s 140.00nm 5.6mb

NJ2 40.45 356 iPc 51 26.50 0.3
 epP 51 34.00 25km

DZM 44.76 113 iPc 52 02.10 0.4
 46.85 350 Pc 52 16.70 -1.3

TIY 47.34 18 eP 52 19.00 -2.8
 1.2s 85.94nm 5.7mb

LZH 47.55 340 iPc 52 23.20 -0.4
 1.3s 250.00nm 6.1mb X

BJI 48.61 354 eP 52 30.00 -1.6
 1.6s 400.00nm 6.2mb X

GBA 49.40 296 P 52 35.30 -2.7
 MRW 56.72 134 P 53 30.60 -1.5

i 53 37.00 21km
 CSY 58.22 185 iPd 53 42.10 -0.1

1.0s 13.40nm 4.9mb
 WMQ 60.67 332 P 53 58.60 -1.0

0.9s 78.00nm 5.8mb
 pP 54 03.80 17km

SLR 89.67 244 iPc 56 44.50 -1.5
 PRY 90.20 243 iPd 56 48.50 0.1

1.0s 50.00nm 5.7mb
 CER 95.83 235 iPc 57 15.00 1.0

0.5s 13.51nm 5.6mb
 POF 96.22 239 iPd 57 18.00 2.2

0.3s 38.96nm 6.4mb
 CDR 114.74 314 ePd i f f 58 50.30 12.0X

EKA 116.50 329 P d i f f d 58 53.00 7.2X
 1.3s 78.50nm

BMA 146.14 203 ePKP 03 28.50 0.8
 SLA 146.16 168 ePKPd 03 29.60 1.8

HJA 147.64 167 e(PKP) 03 34.20 4.3X
 CNCB 152.97 159 PKP 03 48.00 9.1X

LPB 153.18 158 PKP 03 48.00 9.0X
 ZOBO 153.39 158 ePKP 03 54.00 14.4X

S.D. = 1.6 on 22 of 32 obs.

* DEC 12, 1992 06h 31m 37.21±0.39s
 8.383 S ±7.4km 121.796 E ±12.4km
 DEPTH = 33.0km (normal)
 5.4mb (14 obs.)

FLORES REGION, INDONESIA (286)

TSM 13.19 343 ePc 34 57.50 12.7X
 MEEK 18.40 189 eP 35 50.00 -1.6

0.7s 41.00nm 4.7mb
 ASPA 19.12 144 eP 35 59.40 -0.9

1.1s 109.50nm 5.0mb
 eS 39 24.30

IPM 24.39 301 ePc 36 55.00 1.1
 0.8s 66.20nm 5.2mb

QIZ 29.68 337 Pd 37 42.70 0.3
 CMS 32.08 139 eP 38 03.20 -0.3

BWA 35.64 141 eP 38 36.00 1.8
 TOO 36.11 147 iPc 38 39.00 0.8

CAN 36.58 141 eP 38 42.50 0.3
 CNB 36.81 141 eP 38 44.90 0.8

GYA 37.62 337 iPc 38 51.80 0.8
 1.0s 29.00nm 5.1mb

SSE 39.26 359 Pd 39 06.00 1.5
 1.0s 110.00nm 5.6mb

WHN 39.36 350 Pc 39 07.00 1.7
 1.0s 120.00nm 5.6mb

CD2 42.73 337 Pd 39 33.40 0.3
 1.0s 110.00nm 5.5mb

DZM 45.00 113 iPc 39 52.00 0.2
 TIY 46.68 350 Pd 40 04.50 -0.3

1.0s 46.00nm 5.4mb
 MAT 47.27 18 eP 40 09.00 -0.4

1.2s 90.63nm 5.7mb
 LZH 47.35 340 P 40 11.00 0.8

1.4s 68.00nm 5.5mb
 LSA 47.99 323 P 40 14.60 -1.1

BJI 48.46 354 eP 40 18.00 -0.5
 1.2s 180.00nm 6.0mb

GBA 49.16 296 P 40 25.00 0.7
 HHC 49.89 350 P 40 30.30 0.6

1.2s 100.00nm 5.7mb
 BTO 49.93 348 eP 40 28.60 -1.4

SNY 49.99 2 eP 40 28.00 -2.2
 1.2s 780.00nm 6.6mb X

OFUJ 50.70 20 eP 40 36.60 0.8
 CN2 52.04 3 eP 40 44.40 -1.4

1.2s 17.00nm 4.9mb
 MDJ 53.22 7 eP 40 53.50 -1.1

1.0s 64.00nm 5.6mb
 WMQ 60.45 332 P 41 45.60 -0.6

YKA 112.49 25 ePKP 50 06.30 -5.0X
 0.8s 0.60nm

PV10 125.50 48 ePKPc 50 36.81 -0.6
 ALQ 128.60 52 ePKP 50 34.20 -9.2X

1.0s 5.50nm
 BMA 146.19 204 ePKP 51 11.00 -4.7X

VAO 146.93 199 (PKP) 51 07.00 -9.9X
 e 51 18.60

CNCB 153.17 159 ePKP 51 22.00 -5.1X
 CCH 153.22 163 ePKP 51 34.00 7.2X

LPB 153.38 158 PKP 51 28.80 1.6
 ZOBO 153.59 158 PKP 51 26.00 -1.8

S.D. = 1.2 on 30 of 37 obs.

* DEC 12, 1992 06h 33m 37.87±0.67s
 36.567 N ±3.7km 9.889 W ±7.3km
 DEPTH = 33.0km (normal)

WEST OF GIBRALTAR (384)
 mbLg 3.4 (MDD).

EVAL 2.71 67 ePn 34 20.90 0.9
 eSn 34 49.00

EJIF 3.56 91 ePn 34 32.60 0.4
 eSn 35 10.90

EPRU 3.76 83 ePn 34 36.00 1.0
 eSn 35 15.00

AVE 3.84 147 iPnd 34 37.50 1.4
 iSn 35 17.00

EHOR 3.91 70 iPnd 34 37.50 0.4
 eSn 35 17.00

EPLA 4.60 39 iPnd 34 47.00 0.1
 eSn 35 35.00

ELUQ 4.60 76 iPn 34 47.00 0.0
 eSn 35 35.00

IFR 4.95 127 iPn 34 51.00 -1.1
 iSn 35 42.00

CIA 5.08 169 iP 34 54.50 0.8
 iS 36 47.00

EGUA 5.09 85 ePn 34 54.00 0.1
 eS 36 59.00

ECOG 5.12 80 ePn 34 54.00 -0.3
 eS 35 47.50

EBAN 5.12 70 iPnd 34 54.00 -0.3
 OUK 5.60 162 iP 35 01.00 0.0

eS 36 59.00
 EZAM 5.65 9 ePn 35 02.00 0.3

eS 36 02.70
 TIO 6.04 158 iPn 35 06.50 -0.8

iS 36 06.00
 iSn 36 10.00

GUD 6.06 46 iPnc 35 07.20 -0.5
 eSn 36 10.00

ERUA 6.19 19 ePn 35 09.40 0.0
 eSn 36 15.00

EVIA 6.22 68 ePn 35 09.00 -0.9
 eSn 36 14.00

STS 6.39 9 ePn 35 12.50 0.3
 eSn 36 21.00

ETOR 7.45 53 ePn 35 26.10 -1.0
 eSn 36 43.50

ANTZ 8.07 180 iPn 35 35.00 -0.7
 iS 36 44.00

i 36 56.00
 iSn 36 59.00

S.D. = 0.7 on 21 of 21 obs.

DEC 12, 1992 06h 38m 29.49±0.14s
 8.517 S ±3.0km 121.928 E ±3.9km
 DEPTH = 20.8km (11 depth phases)
 6.1mb (67 obs.) 6.0Msz (1 obs.)

FLORES REGION, INDONESIA (286)

KHKI 6.25 271 eP 40 05.90 3.0X
 PCI 7.84 344 ePd 40 28.50 3.2X

eS 41 11.10
 e 45 22.00

TRT 9.24 274 ePd 40 46.90 2.3
 0.9s 11.20nm 5.2mb

SLKI 9.29 87 iPc 40 46.00 0.7
 KNA 9.82 138 eP 40 49.00 -3.6X

TNE 10.71 30 ePd 41 11.00 6.2X
 TSM 13.35 342 eP 41 42.00 1.5

KKM	15.55	338	ePc	42	13.50	4.2X	XAN	44.08	344	P	46	38.50	0.5	0.9s	70.00nm	5.8mb			
	1.2s	274.80nm			5.4mb		WKYJ	44.43	16	eP	46	41.00	0.1	QUE	65.30	309 eP	49	11.40	-1.3
DAV	15.92	13	ePc	42	16.00	1.9	TIA	44.72	354	eP	46	42.10	-0.9			eS	58	08.40	
	2.0s	3764.71nm			6.2mb		YONJ	44.81	13	eP	46	44.10	0.2	BOD	66.44	355 eP	49	18.30	-0.9
WB2	16.54	135	iPd	42	18.30	-3.7X	DZM	44.83	113	iPd	46	44.10	-0.2		1.5s	241.00nm	6.1mb		
	0.8s	661.90nm			5.8mb		TSRJ	45.78	16	P	46	52.90	1.4	FRU	66.82	324 eP	49	21.00	-1.0
		eS	45	14.20			BKM	45.91	106	iPc	46	58.50	5.6X		2.5s	240.00nm	5.9mb		
		e	12	53.30			TIY	46.84	350	eP	46	59.00	-0.9			e	49	34.00	45kmX
BIP	17.18	15	ePd	42	32.50	2.5X		1.0s	78.00nm			5.7mb		ELT	68.57	338 iPd	49	32.00	-0.7
KLI	17.34	281	eP	42	33.50	1.5	CHJJ	47.15	19	P	47	01.60	-0.7		2.2s	400.00nm	6.2mb		
		e	43	50.00			DL2	47.18	360	eP	47	02.20	-0.2	PET	68.79	23 eP	49	35.00	0.9
MEEK	18.29	189	eP	42	43.00	-0.9		1.0s	89.00nm			5.8mb			1.5s	560.00nm	6.5mb		
		eS	45	56.00			MTMJ	47.28	17	P	47	03.30	-0.2	YAK	70.58	4 iP	49	44.00	-0.8
PPR	18.45	350	iPd	42	49.00	3.2X	MAT	47.36	18	eP	47	03.00	-1.0		1.5s	502.00nm	6.4mb		
ASPA	18.93	144	P	42	52.20	0.5		1.4s	104.65nm			5.7mb		MAW	70.68	200 P	49	47.00	1.6
PLP	19.79	9	ePd	43	03.30	1.8	LZH	47.52	340	iPd	47	06.50	1.0	MGD	72.14	15 eP	49	55.00	0.7
OIS	20.85	127	eP	43	12.00	-0.7		1.5s	380.00nm			6.2mb			0.8s	90.00nm	5.9mb		
MRWA	21.33	194	eP	43	17.00	-0.5	Z	20s	14.90um			6.0msz				e	50	04.00	29km
PGP	21.90	357	ePc	43	25.50	2.3	E	16s	15.20um					MAIO	73.56	312 eP	50	03.00	-0.2
WWKK	22.11	79	e(P)	43	16.00	-9.4X			pP	47	13.00	22km		ASH	75.06	313 P	50	10.00	-1.7
COOL	22.27	182	eP	43	26.80	0.0	KOD	48.02	292	eP	47	07.00	-2.9			e	53	09.00	
BAL	22.51	192	eP	43	29.50	0.2	LSA	48.17	323	P	47	07.00	-4.1X	BRVK	75.33	331 eP	50	10.00	-3.0X
		eS	47	34.00				2.0s	1150.00nm			6.6mb			1.6s	127.00nm	5.7mb		
OVP	23.01	358	eP	43	28.80	-5.4X	BJI	48.60	354	eP	47	13.00	-0.6			eS	59	44.00	
KLB	23.29	189	eP	43	37.60	0.8		0.7s	150.00nm			6.1mb		ADK	79.74	34 (P)	50	36.54	-0.8
		eS	47	53.00			GSA	49.33	296	P	47	17.00	-2.6		1.1s	77.34nm	5.6mb		
KLM	23.29	299	eP	43	41.00	4.1X	YAMJ	49.43	19	eP	47	20.60	0.6	TIK	80.11	2 iPd	50	40.00	1.1
MDG	23.90	84	eP	43	43.90	1.0	HYB	50.01	301	eP	47	23.20	-1.6		2.0s	530.00nm	6.2mb		
MUN	23.94	192	eP	43	43.50	0.3	HHC	50.04	350	eP	47	24.80	0.0	NRI	81.19	348 eP	50	46.00	1.3
		eS	48	05.00				1.2s	61.00nm			5.5mb			1.7s	104.00nm	5.6mb		
IPM	24.57	301	ePd	43	49.60	0.2	BTO	50.09	348	eP	47	24.70	-0.5	SPA	81.53	180 iPd	50	48.60	1.7
	0.8s	252.70nm			5.9mb		OFUJ	50.78	20	eP	47	30.80	0.5		1.0s	515.00nm	6.5mb		
BAG	24.80	357	eP	43	51.80	0.0	GTA	51.91	338	P	47	40.00	0.9	AFR	85.86	107 ePKP	51	16.80	7.3X
LAT	24.92	88	eP	43	53.50	0.7		1.8s	360.00nm			6.0mb			1.3s	530.00nm	6.6mb		
PMG	24.94	94	eP	43	52.00	-1.0			pP	47	45.00	17km	GRO	85.93	315 iPc	51	10.00	0.6	
CTA	26.19	119	P	44	05.59	0.9	CN2	52.17	3	eP	47	38.40	-2.3		2.0s	240.00nm	6.1mb		
RKG	26.32	189	iPd	44	07.00	1.3		1.4s	100.00nm			5.6mb	PAE	86.03	107 ePKP	51	17.80	7.4X	
	0.5s	128.00nm			5.8mb				epP	47	46.00	25km		2.0s	1002.90nm	6.7mb			
SNG	26.35	306	eP	44	08.50	2.3			eS	55	04.00		PPT	86.05	107 ePKP	51	18.00	7.5X	
	1.5s	955.56nm			6.2mb		MDJ	53.34	7	eP	47	48.50	-0.9		1.7s	1073.40nm	6.8mb		
		e	07	15.00				1.5s	140.00nm			5.7mb	MTA	86.13	313 iP	51	10.20	-0.2	
PIP	26.70	357	eP	44	10.00	0.7	MRRJ	53.63	18	eP	47	53.90	2.3			i	51	15.60	17km
STKA	29.57	145	eP	44	35.90	0.7	HOOJ	54.29	19	eP	47	56.10	-0.3			i	51	25.60	
		eS	50	15.50			PDO	54.51	300	iP	47	51.00	-7.6X			eS	01	28.00	
OIZ	29.85	337	Pc	44	39.00	1.1	MCO	54.54	154	eP	48	03.20	5.1X	PPN	86.19	107 ePKP	51	18.60	7.4X
RAB	30.35	84	e(P)	44	42.00	-0.3	WCZ	54.86	128	eP	48	02.90	2.0		1.7s	847.00nm	6.7mb		
NNT	30.43	313	eP	44	42.20	-0.8	DSZ	54.93	136	eP	48	01.80	0.5	TVO	86.33	107 ePKP	51	18.10	6.2X
ADE	30.49	152	eP	44	43.80	0.4		1.3s	716.00nm			6.5mb			1.4s	1014.20nm	6.8mb		
RMO	31.09	128	eP	44	48.70	-0.1	QRZ	55.09	134	eP	48	03.60	1.1	CIR	87.32	249 iPd	51	20.80	4.1X
		i	45	42.00	270kmX			1.3s	1050.00nm			6.7mb		PMO	88.00	105 ePKP	51	22.90	3.0X
GUA	31.64	46	e(P)	44	56.20	2.6X	KUSJ	55.40	20	eP	48	04.60	0.0		1.4s	597.70nm	6.7mb		
	0.7s	284.93nm			6.3mb		ASAJ	55.65	18	eP	48	05.60	-0.7	BFT	88.05	244 eP	51	23.00	2.6X
PJG	31.64	46	e(P)	44	53.50	-0.1	SVA	55.65	106	eP	48	06.00	-0.8		1.4s	2139.53nm	7.3mb X		
		e	44	58.10	16km		VUN	55.65	106	eP	48	07.00	0.2	VAH	88.22	105 ePKP	51	23.80	2.8X
NST	32.31	318	eP	45	07.00	7.6X	THZ	55.70	135	eP	48	06.50	-0.4		1.3s	274.40nm	6.4mb		
GZH	32.51	345	iPc	45	02.20	1.1		1.3s	199.00nm			6.0mb	TPT	88.27	105 ePKP	51	24.20	3.0X	
LOE	32.59	322	eP	45	03.00	1.1	MOZ	55.97	131	eP	48	08.30	-0.5		1.2s	403.40nm	6.6mb		
OZH	33.41	354	eP	45	08.80	-0.2	DIW	56.07	134	eP	48	08.90	-0.7	RUV	88.46	105 ePKP	51	25.00	2.8X
	1.2s	230.00nm			6.0mb		KHZ	56.38	136	P	48	10.90	-0.8		1.3s	322.00nm	6.5mb		
ARMA	35.28	132	eP	45	27.50	2.2	WLZ	56.38	130	P	48	12.90	1.1	NVL	88.50	198 eP	51	21.00	-0.4
BWA	35.45	141	eP	45	29.70	3.1X		1.3s	398.00nm			6.3mb	SLR	89.61	244 iPd	51	27.50	-0.2	
		i	45	34.50	16km		TCW	56.47	134	P	48	11.20	-1.2		0.8s	246.27nm	6.5mb		
		ePP	46	27.80			BSZ	56.47	132	eP	48	13.50	1.1	SEK	89.77	242 eP	51	26.00	-2.5
TOO	35.93	147	eP	45	31.60	1.1	MRW	56.78	134	eP	48	13.50	-1.1		0.7s	75.34nm	6.1mb		
CAN	36.40	141	eP	45	36.20	1.7	KIW	56.80	134	eP	48	15.10	0.3	SDN	89.95	34 (P)	51	27.10	-1.3
		i	45	39.80	12km		CAW	56.99	134	eP	48	14.90	-1.3		1.2s	241.25nm	6.3mb		
CNB	36.62	141	eP	45	38.40	2.0	MNG	57.13	133	eP	48	16.00	-1.2	PRY	90.13	243 eP	51	31.00	0.8
RIV	36.86	137	eP	45	38.70	0.3	MTW	57.32	134	eP	48	16.30	-2.1		1.0s	900.00nm	7.0mb		
SVO	37.43	94	P	45	44.50	1.1	URZ	57.63	130	eP	48	20.20	-0.4	BUL	90.19	250 iPc	51	29.40	-1.1
HNR	37.55	94	eP	45	45.00	0.6	PGZ	57.70	133	eP	48	21.40	0.3		1.0s	30.00nm	5.5mb		
GVA	37.79	337	iPc	45	48.00	1.6	CSY	58.22	185	eP	48	24.50	0.2	KSR	90.82	244 iPc	51	35.00	1.6
	1.2s	160.00nm			5.7mb			0.7s	17.40nm			5.2mb			0.7s	230.00nm	6.6mb		
KMI	38.31	331	Pd	45	54.50	3.6X	YSS	58.30	17	iPc	48	24.50	-0.6	BLF	90.88	241 eP	51	33.00	-0.6
	2.0s	980.00nm			6.2mb		NOZ	58.43	130	eP	48	24.90	-1.3		0.6s	135.71nm	6.4mb		
SSE	39.39	359	Pd	46	01.00	1.5	WMO	60.63	332	P	48	41.00	-0.4	HRI	91.45	303 eP	51	35.90	-0.1
	2.0s	410.00nm			5.8mb		CIT	60.70	354	eP	48	41.70	0.1	DSI	91.48	302 eP	51	35.50	-0.5
		pP	46	08.00	24km		ZAK	60.86	346	iPc	48	42.00	-0.6	MBH	91.63	300 eP	51	36.20	-0.7
WHN	39.51	350	ePc	46	02.00	1.5		2.0s	396.00nm			6.2mb	ZNT	91.87	302 eP	51	37.90	0.1	
	1.8s	560.00nm			6.0mb		IRK	62.40	348	ePc	48	52.30	-0.8	SWZ	91.98	242 eP	51	39.00	0.4

THE	1.53	104	ePb	56	30.74	0.7
IGT	1.57	199	iPb	56	31.30	0.6
SOH	1.79	96	ePb	56	33.94	0.1
			eSb	56	59.58	
AGG	2.24	153	ePn	56	40.90	0.5
	S.D. = 1.0	on	11	of	11	obs.
<hr/>						
? DEC 12, 1992	07h	01m	32.12±	0.60s		
8.188 S	±11.6km	122.840 E	±15.8km			
DEPTH = 33.0km (normal)						
5.1mb (10 obs.)						
FLORES REGION, INDONESIA (286)						
PPR	18.31	347	eP	05	46.00	0.6
ASPA	18.69	147	eP	05	49.90	-0.1
	1.2s	45.80nm				4.6mb
PLP	19.34	6	ePd	06	03.30	5.4X
QIS	20.34	129	eP	06	09.00	0.4
IPM	25.19	299	ePc	06	58.70	2.3X
KMI	38.47	330	Pc	08	53.80	0.6
	1.4s	30.00nm				4.9mb
SSE	39.09	358	P	09	03.00	5.0X
	1.4s	44.00nm				5.0mb
		sP	09	11.50		
WHN	39.36	348	eP	09	00.00	-0.3
	1.0s	18.00nm				4.8mb
NJ2	40.19	355	eP	09	07.00	-0.1
MAT	46.78	17	eP	10	05.00	4.6X
	1.5s	69.44nm				5.4mb
LZH	47.53	339	eP	10	10.00	3.5X
	1.2s	43.00nm				5.3mb
		pP	10	16.50	22kmX	
BJI	48.38	353	eP	10	11.50	-1.3
	1.5s	63.00nm				5.4mb
HHC	49.89	349	eP	10	26.60	2.0
	1.0s	14.00nm				4.9mb
GBA	50.00	295	P	10	26.00	0.3
HYB	50.62	300	eP	10	30.00	-0.4
MDJ	52.91	6	eP	10	45.70	-1.5
	1.5s	28.00nm				5.0mb
WMO	60.77	331	P	11	42.60	-0.6
QUE	65.80	308	eP	12	16.60	-0.2
YAK	70.19	3	eP	12	44.00	0.7
	1.5s	138.00nm				5.8mb
MAIO	74.02	311	eP	13	03.00	-3.7X
BUL	91.15	250	iPd	14	38.90	3.1X
YKA	111.88	25	ePKP	20	10.60	5.6X
	1.1s	0.70nm				
	S.D. = 1.0	on	14	of	22	obs.
<hr/>						
* DEC 12, 1992	07h	32m	33.24±	0.41s		
8.447 S	±7.5km	122.066 E	±12.0km			
DEPTH = 26.3km (2 depth phases)						
5.0mb (15 obs.)						
FLORES REGION, INDONESIA (286)						
ASPA	18.91	145	eP	36	53.30	-1.3
	0.8s	144.90nm				5.2mb
MRWA	21.44	195	eP	37	21.50	-0.1
		e	38	59.60		
COOL	22.34	182	eP	37	30.00	-0.6
BAL	22.61	192	eP	37	33.00	-0.3
		e	39	11.00		
MUN	24.04	192	eP	37	47.50	0.3
		e	39	25.00		
IPM	24.65	301	ePc	37	56.00	2.7X
	0.9s	62.00nm				5.2mb
		e	39	32.00		
PMG	24.81	94	eP	37	54.00	-0.7
STKA	29.55	145	iPd	38	37.90	-0.2
RMQ	31.03	129	eP	38	50.70	-0.6
	1.0s	41.00nm				5.2mb
CMS	31.86	139	eP	38	58.50	0.1
ARMA	35.23	132	eP	39	28.60	0.8
CHG	35.41	320	eP	39	30.90	1.6
BWA	35.42	141	e(P)	39	31.60	2.3
TOO	35.92	147	eP	39	35.10	1.7
	0.4s	9.00nm				5.1mb
CAN	36.37	141	e(P)	39	31.00	-6.3X
		i	39	39.20	28km	
		e	40	55.50		
KMI						

CD2 42.89 337 iPd 40 31.60 0.2
1.0s 66.00nm 5.3mb
XAN 44.05 344 P 40 40.20 -0.6
0.8s 14.00nm 4.8mb
MAT 47.25 18 eP 41 10.00 3.9X
1.0s 11.00nm 4.8mb
LZH 47.50 340 eP 41 08.50 0.2
1.5s 54.00nm 5.4mb
pP 41 16.00 25km
LSA 48.20 323 P 41 16.20 2.0
BJI 48.55 354 eP 41 15.00 -1.1
1.0s 22.00nm 5.1mb
GBA 49.43 296 P 41 21.00 -2.3
HHC 50.00 350 eP 41 30.00 2.5X
GTA 51.90 338 P 41 42.00 0.0
1.0s 16.00nm 4.9mb
MDJ 53.25 7 eP 41 50.80 -1.0
1.1s 30.00nm 5.2mb
WMO 60.63 332 P 42 44.00 -0.4
1.0s 8.40nm 4.8mb
pP 42 56.50 44kmX
sP 43 02.80
PRY 90.29 243 e(P) 45 29.00 -4.8X
YKA 112.43 25 ePKP 51 06.50 -1.7
0.8s 0.50nm
CNCB 153.01 158 PKP 52 33.70 9.8X
CCH 153.08 162 (PKP) 52 31.00 7.3X
i 52 44.50
e 54 07.00
LPB 153.22 158 ePKP 52 34.00 10.0X
ZOBO 153.43 158 ePKP 52 38.00 13.4X
i 54 09.20

S.D. = 1.2 on 24 of 35 obs.

* DEC 12, 1992 07h 51m 31.96±0.52s
8.533 S ±10.0km 122.190 E ±16.3km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)

FLORES REGION, INDONESIA (286)

ASPA 18.77 145 iPc 55 50.50 -0.4
0.8s 82.10nm 5.0mb
eS 59 12.70
OIS 20.64 127 iPc 56 11.30 -0.2
COOL 22.26 182 eP 56 27.10 -0.6
BAL 22.55 192 eP 56 30.30 -0.3
MUN 23.98 193 eP 56 44.60 0.1
0.5s 58.00nm 5.4mb
STKA 29.41 145 iPd 57 35.10 0.5
RMO 30.88 129 eP 57 47.80 0.0
0.6s 9.00nm 4.7mb
ARMA 35.08 132 iPd 58 26.20 1.8
1.0s 16.00nm 4.9mb
CHG 35.55 320 eP 58 30.30 2.0
CD2 43.02 337 eP 59 29.20 -1.0
XAN 44.17 344 P 59 38.00 -1.5
LZH 47.62 340 eP 00 08.50 1.4
1.2s 25.00nm 5.1mb
GBA 49.57 296 P 00 25.00 2.8X
GTA 52.02 338 eP 00 40.00 -0.7
POO 54.75 300 eP 01 05.00 3.9X
WMO 60.77 332 eP 01 44.00 1.0
YKA 112.46 25 ePKP 10 04.00 -2.0
0.8s 0.20nm
CNCB 152.89 158 PKP 11 31.00 9.6X
CCH 152.97 162 (PKP) 11 31.00 9.8X
i 11 41.50
LPB 153.10 158 ePKP 11 32.00 10.5X
ZOBO 153.31 157 PKP 11 37.00 14.9X
S.D. = 1.3 on 15 of 21 obs.

DEC 12, 1992 07h 58m 23.85±0.29s
8.324 S ±5.3km 122.395 E ±8.7km
DEPTH = 26.4km (2 depth phases)
5.0mb (10 obs.)

FLORES REGION, INDONESIA (286)

KHKI 6.72 269 eP 00 09.80 6.5X
eS 01 43.00
e 05 43.40
PCI 7.80 341 ePc 00 26.90 8.4X
e 01 19.00
KNA 9.66 140 iPd 00 41.00 -3.2X
eS 02 22.00
WB2 16.35 136 eP 02 08.60 -4.8X
0.8s 66.00nm 4.8mb
eS 05 02.20

MEEK 18.56 191 eP 02 42.00 1.1
0.6s 60.00nm 5.0mb
eS 06 00.00
PLP 19.53 8 ePc 02 53.50 1.0
OIS 20.60 128 eP 03 02.50 -1.3
MRWA 21.64 195 eP 03 13.70 -0.5
eS 07 06.00
COOL 22.47 183 iPd 03 22.10 -0.5
0.4s 14.00nm 4.8mb
KLB 23.55 190 eP 03 33.40 0.4
MUN 24.23 193 eP 03 40.00 0.4
PMG 24.49 94 eP 03 32.00 -10.3X
IPM 24.87 300 ePc 03 55.00 9.0X
RKG 26.59 190 eP 04 02.00 0.2
STKA 29.46 145 iPc 04 27.10 -0.8
eS 10 06.70

ADE 30.45 153 e(P) 04 14.40 -22.3X
RMO 30.85 129 eP 04 40.00 -0.3
0.7s 21.00nm 5.1mb
e 05 19.00 189kmX
CMS 31.74 140 iPd 04 47.90 -0.1
0.5s 8.00nm 4.9mb
BRS 34.42 127 iPc 05 10.50 -0.9
0.5s 9.00nm 5.0mb
i 05 17.00 22km

ARMA 35.07 133 eP 05 17.00 -0.1
BWA 35.31 141 iPc 05 20.80 1.8
CHG 35.53 320 eP 05 21.40 0.5
TOO 35.84 148 iPc 05 24.60 1.2
0.5s 27.00nm 5.4mb
CAN 36.26 142 iPc 05 27.50 0.5
CNCB 36.48 141 iPd 05 29.40 0.5
0.6s 18.00nm 5.1mb

NJ2 40.29 355 eP 06 02.40 1.9
CD2 42.91 336 P 06 21.80 -0.3
XAN 44.03 344 P 06 30.50 -0.7
DZM 44.48 113 iPc 06 36.20 1.1
TIY 46.73 349 eP 06 52.60 -0.1
MAT 47.04 17 eP 06 55.00 0.0
LZH 47.50 340 eP 07 03.50 4.6X
LSA 48.30 323 P 07 06.60 1.0
BJI 48.46 354 eP 07 05.50 -0.6
GBA 49.67 296 P 07 14.30 -1.4
HHC 49.94 349 eP 07 18.00 0.4
HYB 50.31 301 eP 07 19.10 -1.6
GTA 51.91 338 eP 07 32.50 -0.1
MDJ 53.09 6 eP 07 38.00 -3.2X
1.0s 13.00nm 4.8mb
MRW 56.58 134 P 08 05.40 -1.4
WMO 60.68 332 iPc 08 35.30 0.0
0.8s 45.00nm 5.7mb
pP 08 44.70 31km
sP 08 48.50

KSH 64.08 321 P 09 00.00 1.9
YKA 112.19 25 ePKP 16 55.70 -2.7
0.7s 0.60nm
PV10 125.02 49 ePKP 17 23.41 -0.7
PRM 145.70 38 ePKPc 18 01.05 -1.1
ARE 151.80 151 ePKP 18 20.00 7.5X
CNCB 153.00 158 PKP 17 57.00 -17.5X
i 18 24.00
CCH 153.10 162 (PKP) 18 14.00 -0.3
e 18 22.00

LPB 153.21 157 ePKP 18 18.00 3.4X
ZOBO 153.42 157 PKP 18 16.70 1.5
S.D. = 1.1 on 38 of 50 obs.

? DEC 12, 1992 08h 11m 14.16±1.11s
8.834 S ±17.1km 122.318 E ±11.0km
DEPTH = 33.0km (normal)
5.0mb (6 obs.)

FLORES REGION, INDONESIA (286)

KNA 9.32 138 eP 13 25.00 -4.3X
0.5s 47.00nm 5.9mb
eS 15 13.00
MTN 9.53 116 eP 13 31.00 -1.2
WB2 16.05 135 eP 14 57.70 -1.4
0.4s 20.50nm 4.6mb
ASPA 18.45 144 iPc 15 29.80 0.6
0.9s 58.10nm 4.8mb
eS 18 50.10
OIS 20.36 127 eP 15 50.20 -0.5
MRWA 21.13 195 eP 15 58.30 -0.3
e 19 49.00
COOL 21.97 183 eP 16 06.00 -1.0
MUN 23.72 193 eP 16 24.00 -0.1

STKA 29.09 145 iPd 17 14.20 0.
eS 22 59.70
RMO 30.60 128 eP 17 27.80 0.3
0.7s 15.00nm 4.9mb
CMS 31.40 139 iPd 17 34.90 0.4
ARMA 34.79 132 iPd 18 05.40 1.3
0.7s 16.00nm 5.1mb
TOO 35.46 147 iPd 18 11.20 1.6
0.5s 12.00nm 5.1mb
CNCB 36.13 141 eP 18 17.00 1.6
GBA 49.82 296 P 20 06.00 -0.3
MRW 56.28 134 P 20 52.70 -1.3
e 20 59.00
CNCB 152.56 158 PKP 31 16.70 13.5X
CCH 152.64 162 (PKP) 31 07.00 4.1X
LPB 152.77 158 ePKP 31 10.00 6.7X
ZOBO 152.98 157 ePKP 31 14.90 11.1X
S.D. = 1.1 on 15 of 20 obs.

* DEC 12, 1992 08h 50m 14.78±0.45s
8.461 S ±7.4km 122.249 E ±10.6km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.75 117 eP 52 36.00 0.1
WB2 16.36 136 eP 54 03.30 -0.4
eS 56 55.90
OIS 20.63 128 iPc 54 55.20 1.0
MRWA 21.47 195 eP 55 02.30 -0.3
BAL 22.63 192 eP 55 14.00 -0.2
RMO 30.88 129 eP 56 21.80 -8.8X
CHG 35.54 320 eP 57 12.00 1.0
1.0s 12.75nm 4.8mb
XAN 44.12 344 P 58 21.50 -0.4
LZH 47.58 340 eP 58 50.00 0.5
1.5s 27.00nm 5.0mb
BJI 48.58 354 eP 58 56.00 -1.0
HHC 50.04 349 eP 59 08.90 0.5
GTA 51.98 338 P 59 23.50 0.3
1.2s 8.00nm 4.6mb
MDJ 53.24 7 eP 59 31.50 -0.8
1.0s 13.00nm 4.9mb
YKA 112.37 25 ePKP 08 52.20 3.6X
0.5s 0.20nm
CNCB 152.93 158 PKP 10 14.80 10.5X
LPB 153.14 158 ePKP 10 15.00 10.6X
ZOBO 153.35 157 PKP 10 16.00 11.0X
S.D. = 0.7 on 12 of 17 obs.

? DEC 12, 1992 09h 04m 05.68±0.56s
9.555 S ±10.2km 122.352 E ±14.2km
DEPTH = 33.0km (normal)
5.0mb (11 obs.)

SAVU SEA (288)

MTN 9.21 112 eP 06 19.00 -0.3
WB2 15.52 133 eP 07 42.60 -1.3
0.4s 12.20nm 4.5mb
e 11 00.80
ASPA 17.85 143 iPc 08 16.00 2.7
0.5s 20.70nm 4.5mb
e 08 36.20
eS 11 57.60
OIS 19.91 125 iPd 08 37.10 -0.5
MRWA 20.45 196 eP 08 42.30 -0.8
KMI 39.41 331 P 11 36.00 1.3
1.0s 20.00nm 4.8mb
WHN 40.60 349 eP 11 45.00 0.9
NJ2 41.51 356 iPc 11 52.60 1.2
1.0s 23.00nm 4.9mb
CD2 44.01 337 iPc 12 11.40 -0.6
1.0s 44.00nm 5.2mb
XAN 45.19 344 P 12 20.20 -1.3
0.9s 33.00nm 5.2mb
TIY 47.93 349 eP 12 42.20 -0.8
LZH 48.63 340 eP 12 48.00 -0.6
1.5s 40.00nm 5.2mb
BJI 49.67 354 eP 12 56.00 -0.3
1.0s 22.00nm 5.1mb
HHC 51.13 349 eP 13 07.40 -0.2
0.8s 11.00nm 4.9mb
GTA 53.02 338 P 13 22.00 0.1
1.0s 19.00nm 5.0mb
MDJ 54.31 6 eP 13 31.10 0.0
1.0s 13.00nm 4.9mb
WMO 61.74 332 eP 14 24.00 0.6

12d 09h

CNCB 151.88 159 PKP 23 59.00 5.3X
 CCH 151.95 163 (PKP) 24 05.00 11.5X
 LPB 152.09 158 ePKP 23 57.00 3.2X
 ZOBO 152.31 158 ePKP 24 09.00 14.6X
 S.D. = 1.1 on 17 of 21 obs.

? DEC 12, 1992 09h 21m 10.20±0.95s
 8.667 S ±13.7km 122.246 E ±14.3km
 DEPTH = 33.0km (normal)
 4.6mb (3 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.67 116 eP 23 30.00 -0.1
 WB2 16.21 135 eP 24 56.90 -0.4
 0.8s 30.40nm 4.5mb
 eS 27 49.60
 ASPA 18.63 145 eP 25 27.90 0.5
 0.9s 39.50nm 4.6mb
 eS 28 50.00

QIS 20.51 127 iPd 25 48.50 0.1
 BAL 22.43 193 eP 26 07.50 -0.2
 LZM 47.77 340 eP 29 46.50 0.0
 1.5s 22.00nm 5.0mb

CNCB 152.74 158 PKP 41 08.00 8.6X
 LPB 152.95 158 ePKP 41 07.00 7.4X
 ZOBO 153.16 157 ePKP 41 14.00 13.9X
 S.D. = 0.4 on 6 of 9 obs.

DEC 12, 1992 10h 29m 24.58±0.25s
 17.722 S ±8.1km 172.562 W ±8.3km
 DEPTH = 15.7km (2 depth phases)
 5.4mb (23 obs.) 5.2Msz (15 obs.)

TONGA ISLANDS REGION (174)

VUN 8.55 267 eP 31 31.10 0.4
 SVA 8.56 266 eP 31 31.00 0.2
 BKM 18.29 267 iPd 33 58.20 18.8X
 DZM 20.20 254 iPd 34 01.50 -0.2
 WCZ 21.54 210 eP 34 13.00 -2.2
 1.4s 518.00nm 5.8mb

KUZ 21.59 206 eP 34 13.60 -2.1
 URZ 22.37 202 P 34 21.30 -2.1
 NOZ 22.38 200 eP 34 21.90 -1.7
 TAZ 22.56 203 eP 34 24.60 -0.8
 WLZ 22.60 205 eP 34 26.00 0.2
 1.2s 254.00nm 5.6mb

MOZ 23.47 206 eP 34 34.80 0.6
 1.2s 551.00nm 6.0mb
 RMO 36.77 249 eP 36 29.50 -4.0X
 HON 41.34 21 P 37 20.00 8.6X

Z 19s 0.95um 4.7Msz
 TOO 41.67 233 eP 37 12.90 -1.2
 SMY 71.10 351 P 40 50.00 6.1X
 Z 19s 1.53um 5.3Msz

MAT 71.22 320 (P) 40 43.00 -2.0
 SDN 73.49 7 P 41 00.00 2.1
 Z 20s 0.79um 5.0Msz
 ISA 73.76 43 P 41 10.00 9.9X

Z 20s 1.36um 5.2Msz
 CMB 73.98 40 P 41 10.00 8.7X
 Z 21s 1.04um 5.1Msz
 ORV 74.26 39 eP 41 01.73 -1.1

WDC 74.31 37 P 41 10.00 6.9X
 Z 19s 1.80um 5.4Msz
 GSC 74.65 45 eP 41 04.72 -0.6
 GLA 74.75 47 eP 41 05.57 -0.3

BONR 75.24 42 eP 41 09.90 1.0
 YSS 75.95 330 eP 41 07.00 -5.3X
 TNP 76.00 42 eP 41 12.14 -1.0
 1.0s 18.37nm 5.1mb

TUC 77.25 50 eP 41 19.77 -0.3
 0.9s 10.18nm 4.9mb
 Z 20s 0.96um 5.1Msz
 ARUT 78.29 44 eP 41 26.22 0.4

RMW 79.23 32 eP 41 29.45 -1.1
 MSU 79.52 44 eP 41 31.89 -0.7
 DUG 80.02 42 eP 41 33.95 -1.1
 1.1s 6.19nm 4.5mb

SLKM 80.02 11 eP 41 32.32 -2.2
 BGL 80.36 10 eP 41 33.66 -2.7
 CP2 80.38 10 eP 41 34.11 -2.5
 CRP 80.40 10 eP 41 33.32 -3.3X
 SIT 80.72 20 P 41 50.00 11.8X

Z 19s 1.80um 5.4Msz
 PMS 80.83 11 eP 41 36.90 -1.9
 1.2s 50.10nm 5.4mb
 HVU 80.91 41 eP 41 39.76 -0.1

SRU 80.93 44 eP 41 39.35 -0.7
 PMR 81.23 11 eP 41 38.37 -2.4
 1.2s 33.23nm 5.3mb
 Z 19s 0.66um 5.0Msz

DPW 81.36 34 eP 41 39.66 -2.2
 TTA 81.43 8 eP 41 40.13 -1.8
 1.2s 14.60nm 4.9mb
 PV09 81.55 45 eP 41 43.39 0.0

PV10 81.55 45 eP 41 42.53 -0.8
 ALQ 81.68 49 P 41 50.00 6.0X
 Z 19s 0.85um 5.1Msz
 HHA 81.99 40 (P) 41 45.88 0.5

ANM 82.21 3 (P) 41 42.85 -3.0X
 TOA 82.27 12 e(P) 41 46.00 -0.3
 LRM 83.35 38 eP 41 51.00 -1.5
 CN2 83.37 320 eP 41 51.00 -1.3
 1.0s 20.00nm 5.3mb

epP 41 56.00 16km
 BW06 83.47 41 P 41 52.08 -1.1
 1.1s 9.73nm 4.9mb
 SNY 83.52 318 P 41 52.20 -0.9

FBA 84.52 10 eP 41 55.62 -2.0
 1.0s 42.19nm 5.6mb
 GOL 84.69 46 P 42 10.00 10.6X
 Z 20s 1.58um 5.4Msz

IMA 84.74 8 eP 41 54.08 -4.8X
 1.1s 9.65nm 4.9mb
 GLD 84.81 46 eP 42 00.42 0.5
 1.5s 40.95nm 5.4mb

Z 20s 1.44um 5.4Msz
 SES 86.65 34 ePd 42 08.00 -0.6
 WMOK 87.27 52 P 42 20.00 8.1X
 Z 20s 1.12um 5.3Msz

MEO 87.44 52 iPd 42 19.90 7.2X
 RSSD 87.63 42 P 42 20.00 6.3X
 Z 20s 0.66um 5.0Msz
 BJI 87.64 313 eP 42 13.00 -0.5

2.0s 190.00nm 6.0mb
 IPM 87.97 275 eP 42 12.30 -3.4X
 SNG 89.15 278 eP 42 21.20 -0.1
 GYA 89.83 298 iPd 42 24.80 0.4

1.4s 40.00nm 5.5mb
 XAN 90.63 306 P 42 27.50 -0.4
 1.0s 46.00nm 5.7mb
 MIAR 91.17 54 P 42 40.00 9.7X

Z 21s 0.66um 5.1Msz
 HHC 91.18 313 eP 42 30.50 0.2
 1.0s 11.00nm 5.2mb
 YKA 91.90 23 P 42 31.20 -1.8

1.2s 7.00nm 4.9mb
 BTO 92.18 312 eP 42 34.80 -0.1
 KMI 92.75 295 P 42 38.00 0.0
 2.0s 90.00nm 5.8mb

pP 42 48.00 31kmX
 OLY 93.12 54 eP 42 41.03 1.8
 CD2 93.70 301 eP 42 42.40 0.4
 CHG 94.20 288 eP 42 44.70 0.2

CIT 94.23 323 eP 42 44.00 0.0
 ULM 95.22 39 eP 42 36.00 -12.5X
 LZM 95.24 306 eP 42 48.60 -0.6
 1.8s 24.00nm 5.3mb

pP 42 53.60 16km
 TIK 97.43 344 eP 42 58.00 -0.1
 1.4s 22.00nm 5.5mb
 ZAK 99.80 320 eP 43 12.20 3.0X

0.9s 10.00nm 5.4mb
 BRVK 120.25 322 iPKPc 48 17.00 0.7
 1.4s 18.00nm 0.6
 SVE 124.52 328 ePKPd 48 25.00 0.6

MAIO 130.67 303 ePKP 48 31.00 -6.0X
 ASH 131.33 305 ePKP 48 39.50 1.4
 BUL 137.01 210 ePKP 48 49.00 -0.6
 NAI 145.47 240 iPKPc 49 08.50 3.7X

Z 24s 0.23um 4.9MszX
 WTS 145.80 1 ePKP 49 04.00 0.1
 1.3s 101.00nm
 OJC 146.09 346 ePKP 49 04.80 0.3

1.0s 90.00nm 49 15.00
 CLL 146.20 354 iPKPc 49 04.40 -0.2
 1.5s 125.00nm 49 07.50
 KSP 146.21 350 iPKPc 49 05.10 0.4

1.2s 180.00nm 49 08.00
 BRG 146.52 353 iPKPc 49 05.60 0.5
 1.3s 130.00nm

i 49 14.60
 BNS 146.84 0 iPKPd 49 07.50 1.9
 UZH 146.88 342 ePKP 49 06.00 0.2
 1.1s 130.00nm

i 49 08.50
 e 49 15.00
 SPC 146.94 345 ePKP 49 07.20 1.1
 MOX 146.98 355 ePKP 49 07.20 1.3

1.4s 62.00nm
 ENN 147.01 2 ePKP 49 09.00 3.1X
 1.1s 22.00nm
 SNF 147.19 4 PKP 49 10.70 4.5X

HOF 147.29 355 ePKP 49 08.50 2.1
 PRU 147.31 352 PKPd 49 08.80 2.4X
 1.5s 59.80nm
 e 49 18.30

e 50 19.60
 KAS 147.37 322 ePKP 49 09.50 2.6X
 GAZ 147.44 313 iPKP 49 09.40 2.4X
 CFR 147.61 332 ePKP 49 09.00 2.0

DOU 147.62 3 PKP 49 09.90 3.0X
 VRI 147.67 334 ePKP 49 12.00 4.8X
 GRF 147.96 355 iPKPc 49 10.30 2.8X
 WLF 148.12 2 PKPc 49 12.20 4.5X

PSZ 148.20 344 e(PKP) 49 08.20 0.2
 KHC 148.28 352 PKP 49 11.60 3.5X
 1.5s 53.50nm
 e 49 21.00

e 50 19.50
 MLR 148.30 335 ePKP 49 09.00 0.6
 FLN 148.38 10 ePKP 49 07.30 -0.9
 1.2s 48.80nm

GEC2 148.54 352 PKP 49 10.70 2.1
 1.1s 6.79nm
 GEC2 148.54 352 e(PKP) 49 22.70 14.1X
 1.2s 22.10nm

GEC2 148.54 352 PKP 49 20.30 11.7X
 1.4s 26.01nm
 GEC2 148.54 352 PKP 49 14.70 6.1X
 0.9s 6.10nm

ZST 148.60 348 ePKP 49 09.80 1.2
 i 49 13.40
 LDF 148.60 10 ePKP 49 07.90 -0.6
 1.4s 98.45nm

GRR 148.67 11 ePKP 49 08.30 -0.4
 1.2s 46.40nm
 SRO 148.69 346 ePKP 49 12.00 3.3X
 BUD 148.83 345 ePKP 49 11.00 2.1

CMP 148.85 336 ePKPc 49 15.00 5.9X
 LPF 148.98 11 ePKP 49 09.20 0.0
 1.5s 108.65nm
 SOP 149.20 348 e(PKP) 49 11.00 1.5

CDF 149.39 0 PKP 49 13.74 3.8X
 CDF 149.39 0 ePKP 49 10.30 0.4
 1.3s 51.25nm
 WLS 149.39 0 PKP 49 13.38 3.5X

FUR 149.48 355 ePKP 49 16.50 6.5X
 VITF 149.56 2 PKP 49 13.61 3.5X
 GZR 149.58 338 ePKPd 49 17.00 6.7X
 ECH 149.59 0 PKP 49 13.52 3.4X

HAU 149.78 1 ePKP 49 11.30 0.9
 1.1s 46.90nm
 FEL 149.92 359 PKP 49 14.37 3.6X
 MOF 149.95 0 PKP 49 16.59 5.8X

BSF 149.97 1 ePKP 49 12.00 1.2
 1.2s 22.30nm
 BHL 150.06 308 PKP 49 14.00 2.6X
 HRI 150.26 307 ePKP 49 19.50 7.8X

WTTA 150.34 354 iPKPc 49 15.60 4.1X
 1.0s 37.10nm
 i 49 18.60
 LOR 150.39 5 ePKP 49 12.90 1.6

1.2s 54.45nm
 LOMF 150.45 1 PKP 49 17.43 5.9X
 MFF 150.52 11 ePKP 49 13.00 1.5
 1.2s 36.60nm

SSF 150.56 5 ePKP 49 13.40 1.8
 1.2s 77.65nm
 LBF 150.68 5 ePKP 49 13.50 1.7
 1.2s 42.25nm

AVF 150.82 6 ePKP 49 13.50 1.5
 1.2s 30.65nm
 FVI 150.87 352 PKP 49 16.30 4.3X
 RBL 150.91 351 PKP 49 16.30 4.1X

BGF 151.00 7 ePKP 49 14.20 1.9
 1.2s 47.00nm
 SMF 151.00 5 iPKPd 49 14.10 1.8

1.5s 53.30nm
PTJ 151.02 348 ePKP 49 17.10 4.7X
LWI 151.07 229 iPKPc 49 21.40 7.8X
JVI 151.09 305 ePKP 49 21.00 8.1X
LSF 151.13 9 ePKP 49 14.10 1.6
LJU 151.15 350 e(PKP) 49 14.00 1.5
TCF 151.19 8 ePKP 49 14.40 1.8

1.3s 26.00nm
CSS 151.26 312 ePKP 49 21.70 8.7X
VOY 151.27 351 e(PKP) 49 11.30 -1.5

MAF 151.30 7 ePKP 49 15.00 2.3X
1.3s 53.05nm
CEY 151.46 350 e(PKP) 49 14.50 1.5
CTI 151.54 354 PKP 49 14.50 1.3
VBY 151.54 348 e(PKP) 49 15.50 2.4X

TRI 151.60 351 ePKPc 49 21.20 8.0X
VAI 151.92 358 PKP 49 22.50 8.9X
MBH 152.24 301 ePKP 49 23.50 8.8X
LPL 152.28 1 ePKP 49 18.00 3.5X

1.2s 19.05nm
LPG 152.30 1 ePKP 49 16.90 2.3X
1.2s 20.85nm
SKO 153.03 337 e(PKP) 49 14.00 -1.4

VAY 153.13 334 ePKP 49 16.00 0.5
OHR 154.01 337 ePKP 49 26.50 9.7X
BCAO 162.90 221 iPKPc 49 29.00 1.1

0.9s 23.00nm
id 50 18.00
S.D. = 1.3 on 101 of 165 obs.

? DEC 12, 1992 10h 30m 49.21±0.92s
8.218 S ±34.3km 122.603 E ±36.8km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
FLORES REGION, INDONESIA (286)

WB2 16.29 137 eP 34 35.40 -1.8
0.7s 5.80nm 3.8mb
i 34 41.90

ASPA 18.79 146 iPd 35 08.50 0.0
0.9s 21.50nm 4.4mb
QIS 20.51 129 iPd 35 28.90 1.5

IPM 25.00 300 ePc 36 11.60 -0.1
LZH 47.47 339 eP 39 22.50 -0.7
1.4s 21.00nm 5.0mb

CNCB 153.02 157 ePKP 50 44.00 5.1X
LPB 153.23 157 (PKP) 50 40.00 1.0
ZOBO 153.44 156 ePKP 50 44.00 4.5X

S.D. = 1.6 on 6 of 8 obs.

% DEC 12, 1992 10h 31m 46.11±0.83s
15.344 N ±6.6km 122.130 E ±10.5km
DEPTH = 33.0km (normal)

PHILIPPINE ISLANDS REGION (248)

QVP 1.30 237 eP 32 08.00 -0.1
eS 32 29.50
TGY 1.69 223 ePd 32 13.50 -0.3

eS 32 42.50
BCP 1.81 306 eP 32 16.00 0.5
eS 32 40.00

PGP 2.16 212 ePc 32 29.80 9.4X
CVP 2.37 353 eP 32 23.00 -0.4
eS 32 55.00

PIP 3.30 334 ePc 32 36.70 0.1
PLP 4.99 146 ePc 33 01.00 0.2
S.D. = 0.4 on 6 of 7 obs.

? DEC 12, 1992 10h 35m 54.10±5.16s
15.685 N ±16.9km 122.664 E ±68.1km
DEPTH = 33.0km (normal)

PHILIPPINE ISLANDS REGION (248)

QVP 1.92 237 eP 36 25.00 -0.1
eS 36 46.20

BCP 2.10 291 eP 36 35.00 7.3X
eS 37 00.00

CVP 2.16 338 eP 36 28.50 0.0
eS 37 10.00

TGY 2.30 227 ePd 36 30.50 0.1
eS 36 59.50

PGP 2.73 218 ePc 36 36.50 0.0
PIP 3.27 324 eP 36 55.00 10.7X
PLP 5.03 153 ePd 37 25.50 16.3X

S.D. = 0.1 on 4 of 7 obs.

* DEC 12, 1992 10h 36m 48.05±0.63s
8.387 S ±10.7km 122.568 E ±15.5km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)

FLORES REGION, INDONESIA (286)

KNA 9.50 141 eP 39 03.50 -2.2
0.5s 29.00nm 5.7mb
eS 41 50.00

MTN 9.51 119 eP 39 05.00 -0.8
0.5s 105.00nm 6.3mb X
eS 40 48.00

WB2 16.19 136 eP 40 30.00 -4.8X
0.5s 16.10nm 4.4mb
eS 43 24.00

QIS 20.43 128 eP 41 25.00 -0.4
PGP 21.80 356 eP 41 43.00 3.7X
BAL 22.78 193 eP 41 49.00 0.1

e 43 46.00
KLB 23.52 190 eP 41 57.00 0.9
PMG 24.31 94 e(P) 42 12.00 8.0X

STKA 29.31 145 eP 42 51.50 1.6
RMQ 30.68 129 eP 43 03.00 0.9
SSE 39.28 358 P 44 19.00 4.3X

WHN 39.50 349 eP 44 23.00 5.6X
CD2 43.03 336 eP 44 44.40 -2.1
XAN 44.13 344 P 44 56.00 0.7

MAT 47.04 17 eP 45 20.00 1.6
0.9s 12.00nm 4.9mb
LZH 47.62 339 eP 45 28.50 5.4X

1.5s 27.00nm 5.0mb
pP 45 36.00 25kmX
LSA 48.45 323 P 45 28.60 -1.5

BJI 48.54 353 eP 45 34.50 4.5X
GBA 49.85 296 P 45 34.30 -6.1X
GTA 52.03 338 eP 45 56.00 -0.9

MDJ 53.14 6 eP 46 06.10 1.3
1.0s 15.00nm 4.9mb
OUE 65.71 308 eP 47 37.60 5.4X

CNCB 152.88 157 PKP 56 46.00 8.5X
LPB 153.09 157 ePKP 56 46.00 8.4X
ZOBO 153.29 157 ePKP 56 39.00 0.8

S.D. = 1.4 on 14 of 25 obs.

? DEC 12, 1992 11h 05m 57.94±1.16s
10.350 S ±18.9km 122.693 E ±11.9km
DEPTH = 33.0km (normal)

4.4mb (1 obs.)
SAVU SEA (288)

MTN 8.63 108 eP 08 03.00 -0.6
eS 09 51.00

WB2 14.74 132 eP 09 21.10 -4.9X
i 09 28.30
i 09 34.70

eS 12 19.70
ASPA 17.02 142 iPd 10 00.50 5.3X
0.9s 30.70nm 4.4mb

eS 13 13.60
QIS 19.18 124 eP 10 22.00 0.2
MRWA 19.79 198 eP 10 28.00 -0.5

KLB 21.63 191 eP 10 47.40 0.0
STKA 27.65 144 eP 11 45.60 0.8
CNCB 151.02 159 ePKP 25 44.00 -0.7

LPB 151.24 158 ePKP 25 46.00 1.2
ZOBO 151.45 158 ePKP 25 45.00 -0.4
S.D. = 0.8 on 8 of 10 obs.

? DEC 12, 1992 11h 53m 37.09±0.92s
42.586 N ±17.0km 13.222 E ±31.1km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)

AQU 0.27 150 P 53 42.10 -0.7
eSg 53 46.00

ASS 0.64 320 P 53 49.80 -0.1
eSg 53 59.00

ARV 0.93 347 P 53 55.00 0.1
eSg 54 09.10

SDI 0.98 153 P 53 56.50 0.7
eSg 54 09.50
S.D. = 1.0 on 4 of 4 obs.

DEC 12, 1992 12h 05m 24.06±0.49s
40.119 N ±8.2km 69.767 E ±9.0km

DEPTH = 33.0km (normal)
4.7mb (9 obs.)
TAJIKISTAN (715)

FRU 4.54 52 iPn 06 34.00 1.7
i 06 46.30

i 07 45.00
PRZ 6.92 67 (P) 07 11.00 5.1X
MAIO 8.94 248 ePn 07 34.00 0.0

0.9s 6.39nm 4.8mb
eSn 09 06.00

BRVK 12.95 1 eP 08 23.00 -5.2X
1.0s 53.00nm 5.6mb

NDI 12.95 149 eP 08 21.00 -7.4X
0.5s 10.56nm 5.2mb

ELT 17.28 35 eP 09 23.00 -1.2
e 12 36.00

ARU 17.87 339 eP 09 30.00 -1.5
POO 21.80 170 eP 10 13.00 -2.2

HYB 23.87 159 eP 10 36.00 0.5
ZAK 25.53 55 eP 10 52.00 1.0

1.1s 16.00nm 4.5mb
OBN 26.60 315 eP 11 22.00 21.1X

GBA 27.26 164 P 11 07.00 -0.2
BOD 33.36 43 eP 12 00.20 -0.7

0.9s 9.00nm 4.7mb
NAO 41.11 320 P 13 08.80 2.7X

0.8s 2.10nm 3.9mb
TIK 42.81 24 eP 13 20.00 0.1

1.0s 10.00nm 4.5mb
BCAO 58.13 246 iPd 15 17.20 0.2

0.6s 8.00nm 5.0mb
KIC 74.08 265 P 16 59.70 0.8

TIC 74.12 265 P 17 00.10 1.0
LIC 74.39 265 P 17 01.60 0.9

YKA 77.68 2 eP 17 17.80 -0.6
0.7s 1.50nm 4.1mb
S.D. = 1.1 on 15 of 20 obs.

* DEC 12, 1992 12h 13m 45.07±1.14s
8.626 S ±19.5km 122.221 E ±10.2km
DEPTH = 33.0km (normal)

4.4mb (1 obs.)
FLORES REGION, INDONESIA (286)

WSI 2.17 241 i(P) 14 20.00 0.4
i(S) 14 44.00

MTN 9.71 116 eP 16 06.00 0.5
WB2 16.26 135 eP 17 31.70 -1.0

eS 20 30.90
ASPA 18.68 145 eP 18 02.30 -0.5

eS 21 23.70
QIS 20.56 127 iPd 18 24.80 1.1

0.5s 10.00nm 4.4mb
IPM 24.88 301 eP 19 06.00 -0.4

CNCB 152.79 158 PKP 33 43.00 8.6X
ZOBO 153.21 157 PKP 33 42.00 6.9X
S.D. = 1.0 on 6 of 8 obs.

? DEC 12, 1992 12h 16m 50.86±6.27s
33.128 S ±15.8km 70.208 W ±30.6km
DEPTH = 100.0 ±48.3 km

CHILE-ARGENTINA BORDER REGION (127)

MD 3.7 (SAN).

FCH 0.21 199 iP+ 17 05.42 -0.4
iS 17 17.61

PEL 0.40 268 iP 17 06.33 0.1
iS 17 18.77

JACH 0.55 324 iP 17 07.35 0.0
iS 17 20.94

PCH 0.55 207 iP 17 07.51 0.1
iS 17 20.90

ROCH 0.69 283 iP+ 17 08.93 0.2
iS 17 23.42

TACH 0.80 229 iPd 17 09.46 -0.1
iS 17 24.35

CACH 1.04 198 iP 17 12.65 0.5
iS 17 29.48

LCCH 1.19 253 iP 17 13.93 0.2
LNV 1.30 230 iP+ 17 14.34 -0.7

iS 17 33.74
S.D. = 0.4 on 9 of 9 obs.

% DEC 12, 1992 12h 24m 24.05±1.35s
47.604 N ±11.4km 6.806 E ±7.8km
DEPTH = 10.0km (geophysicist)

12d 12h

FRANCE (538)
ML 2.2 (LDG).

BSF 0.23 358 Pg 24 29.30 0.3
Sg 24 34.70
HAU 0.51 323 Pg 24 33.60 -0.7
Sg 24 43.30
FEL 0.86 71 ePg 24 40.21 -0.5
CDF 0.87 21 Pg 24 41.40 0.6
Sg 24 55.30
LOR 2.03 262 Pg 24 59.00 0.3
Sg 25 24.50
S.D. = 0.8 on 5 of 5 obs.

DEC 12, 1992 12h 30m 02.00±0.23s
8.373 S ± 4.3km 122.405 E ± 6.1km
DEPTH = 20.1km (4 depth phases)
5.2mb (30 obs.) 5.0Msz (10 obs.)
FLORES REGION, INDONESIA (286)

KHKI 6.73 270 ePc 31 43.20 1.0
eS 32 10.00
PCI 7.85 341 ePd 31 59.20 1.3
e 34 29.00
KNA 9.61 140 eP 32 20.00 -2.4
0.5s 105.00nm 6.4mb X
eS 34 07.00
MTN 9.66 118 eP 32 23.00 0.0
NANU 15.58 204 iPc 33 39.50 -2.7
eS 36 25.00
KKM 15.59 336 ePd 33 48.80 6.3X
DAV 15.68 12 ePc 33 49.30 5.8X
BIP 16.93 13 eP 33 48.00 -11.4X
KLI 17.77 280 eP 34 11.00 1.0
e 34 36.00
PPR 18.40 348 ePd 34 19.00 1.3
MEEK 18.52 191 eP 34 18.00 -1.2
0.7s 93.00nm 5.1mb
eS 37 37.00
ASPA 18.78 145 P 34 22.20 -0.2
PLP 19.58 8 ePc 34 32.30 0.4
OIS 20.57 128 iPd 34 42.20 -0.1
eS 38 19.00
MRWA 21.59 195 iPd 34 52.50 -0.2
eS 38 49.00
KGM 21.65 298 eP 34 55.00 1.6
PGP 21.78 356 eP 34 57.00 2.4
COOL 22.43 183 eP 35 00.40 -0.7
BAL 22.75 193 eP 35 04.20 0.0
QVP 22.89 357 eP 35 10.20 4.6X
FORT 22.91 167 iPd 35 06.20 0.4
0.7s 63.00nm 5.2mb
KLB 23.50 190 iPd 35 11.90 0.4
MUN 24.18 193 eP 35 18.30 0.2
PMG 24.48 94 eP 35 22.00 0.9
BAG 24.69 356 eP 35 27.00 3.7X
IPM 24.90 300 ePc 35 26.10 0.8
CTA 25.84 119 iPd 35 35.00 0.9
1.0s 22.50nm 4.8mb
iS 40 03.00
RKG 26.54 190 eP 35 41.00 0.7
SNG 26.65 305 eP 35 43.90 2.4
eS 40 46.00
STKA 29.42 145 eP 36 06.80 0.3
eS 41 51.00
QIZ 29.91 336 eP 36 12.60 1.6
N 13s 1.14um
eS 41 07.50
ADE 30.40 153 eP 36 15.10 -0.1
NNT 30.68 312 eP 36 19.40 1.6
RMQ 30.82 129 eP 36 20.20 1.2
CMS 31.69 140 iPd 36 27.40 0.8
0.6s 15.00nm 5.1mb
LOE 32.77 321 eP 36 36.20 0.1
BRS 34.39 127 iPc 36 50.00 -0.1
1.0s 10.00nm 4.7mb
BDT 34.39 318 eP 36 50.00 -0.2
1.0s 27.60nm 5.1mb
ARMA 35.03 133 eP 37 02.00 6.3X
0.8s 14.00nm 4.9mb
BWA 35.27 141 eP 37 00.30 2.7
ePcP 39 28.70
CHG 35.57 320 eP 37 00.30 0.1
1.2s 42.97nm 5.2mb
TOO 35.80 148 iPd 37 04.20 2.2
0.9s 88.00nm 5.7mb
CAN 36.21 142 eP 37 06.90 1.3

CNB 36.44 141 iPc 37 09.20 1.7
0.8s 42.00nm 5.4mb
GYA 37.85 337 P 37 20.20 0.8
Z 20s 1.75um 4.9Msz
N 16s 1.59um
E 16s 0.77um
KMI 38.41 331 Pc 37 25.50 1.2
2.0s 100.00nm 5.2mb
Z 20s 3.30um 5.1Msz
N 13s 0.90um
E 13s 1.00um
SSE 39.26 358 Pd 37 32.50 1.5
2.0s 69.00nm 5.0mb
Z 20s 0.90um 4.6Msz
N 10s 0.40um
pP 37 43.50 39kmX
S 43 34.00
WHN 39.46 349 eP 37 33.50 0.8
Z 16s 1.18um 4.8MszX
E 12s 0.97um
pP 37 44.50 39kmX
NJ2 40.34 355 iPc 37 42.00 2.1
eS 37 58.00
eS 43 48.00
CD2 42.96 336 eP 38 00.60 -0.9
Z 16s 1.69um 5.0MszX
N 14s 1.01um
sP 38 15.50
ePP 39 40.20
SHL 44.94 320 eP 38 20.00 2.1
eS 44 53.00
TIY 46.78 349 eP 38 31.20 -0.9
Z 20s 0.90um 4.7Msz
N 14s 0.80um
S 45 21.00
MAT 47.08 17 eP 38 34.00 -0.4
1.7s 107.69nm 5.6mb
eS 45 26.00
LZH 47.55 340 eP 38 38.00 -0.3
2.0s 81.00nm 5.4mb
Z 20s 1.14um 4.8Msz
E 15s 0.80um
pP 38 46.00 27km
sP 38 50.00
ePP 40 26.00
eS 45 34.50
LSA 48.34 323 P 38 45.00 0.0
0.5s 10.00nm 5.1mb
Z 13s 1.10um 5.0MszX
N 15s 1.30um
sP 39 01.00
PP 40 37.00
S 45 44.00
KOD 48.40 292 eP 38 43.00 -2.4
BJI 48.51 354 eP 38 44.50 -1.0
1.5s 63.00nm 5.4mb
GBA 49.69 296 P 38 52.50 -2.5
HHC 49.99 349 eP 38 57.00 0.0
Z 28s 0.89um 4.6MszX
eS 46 12.00
BTO 50.05 348 eP 38 56.00 -1.5
N 14s 0.50um
E 15s 0.53um
HYB 50.34 301 eP 38 56.50 -3.5X
eS 46 06.00
GTA 51.95 338 P 39 12.00 0.0
2.0s 21.00nm 4.7mb
Z 20s 1.15um 4.9Msz
MDJ 53.14 6 eP 39 19.00 -1.6
1.0s 18.00nm 5.0mb
POO 54.85 300 eP 39 28.50 -5.2X
THZ 55.47 136 eP 39 38.50 0.6
TCW 56.23 134 eP 39 43.00 -0.2
MRW 56.54 134 eP 39 45.10 -0.4
KIW 56.56 134 eP 39 43.90 -1.8
MTW 57.08 134 eP 39 48.80 -0.6
YSS 58.03 16 eP 40 03.00 7.2X
CIT 60.60 354 eP 40 13.00 -0.6
WMO 60.73 332 P 40 13.00 -1.6
1.5s 56.00nm 5.5mb
Z 22s 1.16um 5.0Msz

sP 40 29.00
PcP 40 55.00
PP 42 31.00
S 48 30.00
ScS 49 53.00
SS 52 34.00
ZAK 60.83 346 eP 40 13.50 -1.6
1.3s 26.00nm 5.2mb
IRK 62.36 348 eP 40 25.00 -0.5
2.0s 56.00nm 5.4mb
MOY 62.59 345 eP 40 25.70 -1.2
2.0s 51.00nm 5.3mb
KSH 64.12 321 P 40 36.80 -0.6
QUE 65.58 308 eP 40 43.70 -3.4X
BOD 66.33 355 iPd 40 48.60 -2.5
0.9s 24.00nm 5.3mb
FRU 66.98 324 eP 41 05.00 9.4X
e 41 10.00 16km
e 41 26.00
ELT 68.62 338 eP 41 03.80 -1.8
1.6s 63.00nm 5.5mb
YAK 70.40 4 iPc 41 15.10 -1.2
1.0s 75.00nm 5.8mb
MGD 71.89 15 eP 41 24.00 -1.4
e 41 43.00 71kmX
MAIO 73.81 312 eP 41 35.00 -2.3
BRVK 75.44 331 eP 41 43.00 -3.2X
2.1s 46.00nm 5.1mb
Z 20s 0.96um 5.1Msz
N 20s 0.32um
E 20s 0.75um
eS 51 21.00
TIK 79.95 2 iPc 42 10.00 -0.7
1.4s 66.00nm 5.5mb
i 42 16.00 19km
eS 52 10.00
e 52 20.00
NRI 81.14 348 ePd 42 16.00 -1.1
2.0s 44.00nm 5.1mb
NVL 88.78 198 eP 42 55.00 -0.4
1.6s 45.00nm 5.5mb
Z 18s 0.90um 5.2Msz
E 17s 0.50um
e 43 11.00 56kmX
e 44 05.00
SLR 90.10 244 eP 43 02.00 -0.6
Z 20s 2.13um 5.6Msz
PRY 90.62 243 eP 43 04.50 -0.5
BUL 90.69 250 iPc 43 05.50 0.1
IMA 95.12 24 eP 43 25.20 0.3
0.8s 2.07nm 4.6mb
CER 96.24 235 eP 43 33.00 2.4
YKA 112.23 25 ePd 44 55.80 14.5X
0.4s 0.10nm
YKA 112.23 25 ePKP 48 35.00 -2.5
0.8s 0.70nm
PV09 124.93 49 ePKP 49 02.91 -0.2
PV10 125.04 49 ePKP 49 02.48 -0.8
TBR 144.18 22 (PKP) 49 37.55 -0.9
NAV 144.33 33 ePKP 49 35.53 -3.3X
PRM 145.73 38 ePKP 49 40.12 -1.2
CEH 146.30 32 ePKP 49 41.64 -0.5
VAO 147.13 198 (PKP) 49 47.00 3.0X
HJA 147.69 166 iPKPc 49 49.80 5.1X
YJA 148.67 166 ePKPd 49 48.50 1.6
NNA 152.16 136 ePKP 49 53.50 1.7
0.8s 11.19nm
CNCB 152.95 158 PKP 49 57.00 3.5X
CCH 153.05 162 ePKP 49 58.00 4.7X
LPB 153.16 157 ePKP 50 04.00 10.4X
ZOBO 153.37 157 PKP 49 57.00 2.8
1.2s 16.89nm
SIV 155.55 172 ePKP 50 02.00 5.6X
S.D. = 1.3 on 89 of 109 obs.

& DEC 12, 1992 13h 25m 28.00s
59.924 N 152.470 W
DEPTH = 75.5km
SOUTHERN ALASKA (2)
<AEIC>.

ILIM 0.29 303 iP 25 39.43 -0.5
eS 25 48.70
INE 0.33 295 iP 25 39.69 -0.6
eS 25 49.24
INW 0.36 294 eP 25 40.01 -0.5
eS 25 49.73

OPT	0.47	235	eP	25	40.92	-0.4	DEC 12, 1992 13h 44m 59.37± 0.76s	KSP	145.05	343	iPKPc	03	37.10	0.6
			eS	25	51.28		17.914 S ± 5.9km 178.639 W ± 10.0km	ECP	145.27	8	ePKP	03	36.90	0.2
RED	0.52	343	iP	25	41.09	-0.7	DEPTH = 538.9 ± 8.0 km	CLL	145.42	347	iPKPc	03	37.50	0.5
			S	25	51.84		5.0mb (15 obs.)		0.9s	65.00nm				
							FIJI ISLANDS REGION (181)	HRI	145.61	303	iPKPc	03	39.30	1.2
RS1	0.56	345	iP	25	41.72	-0.6		BRG	145.62	346	iPKPc	03	38.00	0.6
RSO	0.56	345	iP	25	41.69	-0.6			1.0s	32.00nm				
RS2	0.56	345	iP	25	41.73	-0.6	VUN 2.76 268 eP 46 13.00 0.4							
REF	0.58	349	iP	25	41.84	-0.6	SVA 2.77 265 eP 46 13.10 0.5							
			eS	25	52.52									
			eS	25	52.94		DZM 14.62 251 iPd 48 04.40 -0.7	WTS	145.72	354	iPKP	03	38.90	1.4
RDW	0.59	343	iP	25	41.90	-0.6	WCZ 19.00 198 eP 48 51.80 4.2X		0.8s	29.00nm				
RDN	0.61	346	eP	25	42.08	-0.6	KUZ 19.41 194 P 48 53.90 2.5	MLR	145.72	329	ePKPc	03	39.00	1.1
RDT	0.65	3	eP	25	42.23	-0.9	0.7s 102.00nm 5.6mb	HMDT	146.09	301	ePKP	03	40.70	2.0
DFR	0.68	351	iP	25	42.66	-0.7	WLZ 20.51 193 eP 49 03.90 2.2	PRU	146.29	345	PKPc	03	40.50	2.0
			eS	25	54.41		URZ 20.61 190 eP 49 01.10 -1.4							
NCT	0.68	340	eP	25	42.49	-0.9	NOZ 20.83 187 eP 49 05.10 0.5	MOX	146.33	348	ePKP	03	40.10	1.5
			eS	25	54.40		QRZ 24.07 197 eP 49 34.00 0.1		1.5s	35.00nm				
AUE	0.73	219	eP	25	42.53	-1.3	THZ 24.85 195 eP 49 40.50 -0.4	BNS	146.70	353	iPKPd	03	42.10	3.0X
AUL	0.73	222	eP	25	43.63	-0.2	DSZ 25.12 197 P 49 43.50 0.2	ENN	147.02	355	ePKP	03	42.50	2.9X
			eS	25	55.82		LTZ 25.97 195 P 49 49.60 -1.1		0.7s	7.00nm				
CNPM	0.74	122	P	25	45.00	1.0	0.4s 23.00nm 5.1mb							
AUH	0.75	222	eP	25	42.65	-1.5	LMZ 27.68 199 eP 50 05.20 -0.4	SRO	147.11	339	ePKP	03	42.50	2.7X
AUW	0.75	223	eP	25	43.92	-0.2	BWZ 28.23 198 eP 50 08.80 -1.6	ZST	147.18	340	iPKP	03	42.60	2.6X
AUI	0.77	220	eP	25	44.32	0.1	MMCZ 28.88 198 P 50 15.60 -0.7	MBH	147.27	297	iPKPc	03	43.80	3.0X
			S	25	55.53		MSCZ 28.88 198 eP 50 15.30 -0.9	GRF	147.32	348	iPKPc	03	43.60	3.4X
			eS	25	55.85		MHZ 28.89 198 P 50 15.60 -0.7							
BRLK	0.82	101	eP	25	44.14	-0.7	SBCZ 28.91 198 P 50 15.80 -0.7	KHC	147.33	345	PKPc	03	43.40	3.2X
			eS	25	57.07		LSCZ 28.92 198 P 50 15.80 -0.7		1.0s	12.90nm				
PDB	0.88	262	iP	25	44.76	-0.8	TUZ 29.61 197 P 50 22.80 0.4							
			S	25	57.88		0.6s 47.00nm 5.3mb	SNF	147.39	357	PKP	03	43.50	3.3X
NKA	1.03	36	eP	25	48.31	1.0	ARMA 29.75 240 iPd 50 24.10 0.2	GEC2	147.56	345	PKP	03	40.30	-0.4
MCNL	1.21	233	eP	25	48.48	-1.2	0.5s 26.00nm 5.1mb		0.9s	1.00nm				
			eS	26	04.59		CNB 33.25 232 iPc 50 54.00 0.6	GEC2	147.56	345	PKPc	03	43.50	2.8X
SLKM	1.27	61	eP	25	49.73	-0.8	0.4s 43.00nm 5.4mb		0.6s	11.05nm				
CKL	1.28	3	iP	25	49.82	-0.9	CAN 33.53 232 iPd 50 55.80 0.1	DOU	147.79	356	PKPc	03	44.20	3.3X
			eS	26	06.06		BWA 33.64 234 iPd 50 55.60 -1.0		0.7s	22.20nm				
SPU	1.28	9	iP	25	49.80	-0.9	CMS 34.83 240 iPd 51 06.70 0.1							
			eS	26	06.71		0.7s 20.00nm 4.8mb	WLF	148.09	354	iPKPc	03	45.65	4.3X
CKT	1.29	6	iP	25	49.87	-1.0	LAT 35.31 284 eP 51 10.70 0.0	FUR	148.76	347	iPKPc	03	47.20	4.7X
			eS	26	06.73		MDG 36.97 286 eP 51 23.70 -0.6	FLN	149.19	2	iPKPc	03	47.60	4.5X
CKN	1.31	6	eP	25	50.49	-0.6	TOO 37.00 231 iPd 51 25.30 0.9		1.0s	61.20nm				
SYI	1.32	178	eP	25	50.93	-0.2	0.8s 101.00nm 5.5mb	CDF	149.20	352	ePKP	03	48.00	4.7X
			S	26	08.89		STKA 38.43 241 iPd 51 36.50 0.3		0.5s	11.50nm				
BGL	1.34	2	eP	25	50.77	-0.8	MAT 67.78 323 (P) 54 59.00 -6.1X	LDF	149.38	2	iPKPc	03	48.00	4.6X
CP2	1.35	5	eP	25	50.91	-0.9	NJ2 77.77 310 iPc 56 01.60 -0.6		0.4s	7.60nm				
			eS	26	09.29		0.8s 19.00nm 4.6mb	WTTA	149.53	346	iPKPc	03	48.60	4.7X
CRP	1.36	6	P	25	51.00	-0.8	MDJ 78.06 325 eP 56 02.70 -0.8		0.5s	24.10nm				
CGLM	1.41	9	iP	25	51.59	-0.8	1.0s 37.00nm 4.8mb	GRR	149.55	3	iPKPc	03	48.60	5.0X
			eS	26	09.84		CN2 79.89 322 Pd 56 12.60 -0.5		0.5s	14.95nm				
NCG	1.49	6	iP	25	52.71	-0.9	1.2s 40.00nm 4.7mb	MOTA	149.58	347	iPKPc	03	48.50	4.6X
			eS	26	12.29		BJI 83.63 315 eP 56 32.00 -0.1	SLE	149.66	350	ePKPc	03	48.70	4.8X
SEW	1.53	82	eP	25	53.12	-0.8	1.5s 57.00nm 4.9mb	SQTA	149.67	347	iPKPc	03	48.80	4.8X
MPA	1.65	69	eP	25	54.69	-0.9	GYA 84.85 300 P 56 38.20 -0.4		0.5s	14.50nm				
SUA	1.76	28	eP	25	56.95	-0.3	1.0s 9.60nm 4.4mb	HAU	149.71	353	iPKPc	03	49.10	5.1X
PMS	1.95	46	P	25	58.90	-0.9	TIY 85.11 312 eP 56 39.50 0.0		0.6s	12.10nm				
PTE	1.95	60	eP	25	58.37	-1.3	Z 20s 1.00um 5.2msz	RBL	149.81	343	PKP	03	50.00	5.8X
SVW	1.96	309	P	25	58.20	-1.6	IMA 85.81 10 eP 56 40.18 -2.2	BSF	149.83	353	iPKPc	03	49.20	5.0X
SKT	2.11	12	eP	26	00.53	-1.4	PV09 85.87 47 eP 56 43.97 0.5		0.7s	11.70nm				
PWA	2.15	35	P	26	02.40	0.0	XAN 86.09 307 P 56 44.10 -0.2	FVI	149.88	344	PKP	03	48.70	4.5X
PLRM	2.34	43	eP	26	03.25	-1.8	1.0s 30.00nm 5.0mb	LJU	149.89	342	ePKP	03	47.00	2.7X
KNIM	2.41	78	eP	26	02.76	-3.2	LRM 87.12 40 eP 56 49.60 0.4	VOY	150.09	342	ePKP	03	45.30	0.6
MTU	2.42	86	P	26	04.60	-1.6	HHC 87.12 315 Pd 56 49.40 0.3							
KNK	2.48	51	eP	26	04.95	-2.0	Z 20s 1.25um 5.3msz	VBY	150.15	340	ePKP	03	38.60	-6.0X
GHO	2.54	42	P	26	06.00	-1.9	CHG 88.80 290 eP 56 57.20 0.0							
SML	2.77	45	eP	26	08.51	-2.5	CD2 88.89 303 eP 56 58.00 0.5	CEY	150.20	341	e(PKP)	03	50.00	5.2X
GLI	2.83	68	eP	26	08.42	-3.5	SES 90.15 36 ePc 57 02.90 0.1	OSS	150.40	348	iPKPc	03	51.00	5.8X
FID	3.09	72	eP	26	11.62	-3.8	LZH 90.72 308 P 57 06.00 0.1	VAY	150.42	326	ePKP	03	49.70	4.5X
VLZ	3.27	66	eP	26	15.12	-2.7	1.0s 50.00nm 5.5mb	LLS	150.45	349	ePKPc	03	51.00	5.7X
	52 obs. associated						YKA 94.43 25 eP 57 20.10 -2.0	SKO	150.52	329	iPKP	03	51.00	5.7X
							0.8s 2.90nm 4.5mb	LOR	150.65	357	iPKPc	03	51.30	5.9X
? DEC 12, 1992 13h 43m 36.12± 5.92s							CNCB 103.53 113 Pd iff 58 12.20 7.5X		0.5s	16.05nm				
8.604 S ± 66.6km 121.997 E ± 22.7km							LPB 103.53 113 Pd iff 58 14.00 9.5X	CTI	150.67	345	PKP	03	51.50	5.9X
DEPTH = 33.0km (normal)							ZOBO 103.60 112 Pd iff 58 07.90 2.8X	SSF	150.88	357	iPKPc	03	52.00	6.3X
4.3mb (2 obs.)							CCH 104.90 114 ePd iff 58 21.00 10.5X		0.5s	16.45nm				
FLORES REGION, INDONESIA (286)							SIV 109.88 115 ePd iff 58 21.00 -11.3X	LBF	150.93	356	iPKPc	03	51.90	6.0X
							KAF 132.51 344 ePKP 03 12.10 -1.3		0.8s	15.05nm				
MTN 9.91 116 eP 45 59.00 -0.5							NAO 136.61 353 PKP 03 21.80 0.5	AVF	151.16	357	iPKPc	03	52.20	6.1X
WB2 16.43 135 eP 47 26.80 0.8							0.7s 2.10nm		0.5s	5.70nm				
0.5s 11.00nm 4.2mb							EKA 142.49 4 PKP 03 28.00 -4.0X	TMA	151.20	349	iPKPc	03	52.50	6.0X
							1.1s 12.40nm	SMF	151.28	356	ePKP	03	52.40	6.1X
ASPA 18.82 144 eP 47 55.10 -0.6							DMU 143.52 8 ePKP 03 31.00 -2.7		0.8s	5.90nm				
1.1s 23.90nm 4.3mb							KAS 143.74 317 iPKPc 03 36.00 1.4	MFF	151.36	2	iPKPc	03	52.80	6.4X
							DCN 144.01 9 ePKP 03 32.90 -1.7		0.6s	15.85nm				
QIS 20.75 127 eP 48 17.00 0.3							DLF 144.16 8 ePKP 03 33.40 -1.4	BGF	151.41	358	iPKPc	03	53.10	6.6X
MRWA 21.27 195 eP 48 21.90 -0.1							ETA 144.79 8 ePKP 03 36.00 0.1		0.7s	16.75nm				
S.D. = 0.8 on 5 of 5 obs.							WIT 144.93 354 ePKP 03 37.00 0.9	VAI	151.45	349	PKP	03	52.70	6.2X
							ECB 145.03 9 ePKP 03 36.30 0.0	OHR	151.48	328	iPKP	03	52.20	5.3X

12d 14h

EMS	0.6s	75.00nm				HYB	14.40	239	iPc	24	16.30	-3.6X	NUR	56.76	327	iP	30	38.00	-0.7
TCF	151.55	352 ePKPc	03	53.90	6.9X		1.0s	40.00nm			4.9mb		SDF	0.8s	16.60nm			5.1mb	
	0.7s	10.70nm						iS	24	26.00			UZH	57.18	335	iP	30	41.80	0.1
LSF	151.74	360 iPKPc	03	53.40	6.4X	LZH	15.02	42	Pd	24	26.50	-1.5	WWKK	57.73	313	eP	30	45.40	-0.3
	0.7s	16.85nm					1.0s	130.00nm			5.1mb		SKO	58.27	112	eP	30	53.20	3.2X
MAF	151.76	358 ePKP	03	54.10	7.1X			pP	24	40.00			UPP	58.95	305	eP	30	53.00	-1.3
	0.6s	9.20nm				NNT	15.03	147	eP	24	26.40	-1.6		60.22	326	iP	31	02.20	-0.6
HVAR	151.76	336 iPKPc	03	52.50	5.4X	GTA	15.59	25	eP	24	33.50	-1.8	KSP		i	31	13.60	39km	
LPL	152.12	352 ePKP	03	55.50	7.7X		1.5s	14.00nm			3.9mb X			61.45	316	eP	31	10.80	-0.5
	0.7s	5.85nm						pP	24	40.00				e	31	27.30	62kmX		
LPG	152.13	352 ePKP	03	55.60	7.6X	XAN	17.42	57	P	24	56.00	-2.4	WB2	61.48	133	iPd	31	11.00	-0.9
	0.7s	3.95nm					0.8s	10.00nm			4.0mb			0.7s	31.20nm			5.5mb	
RJF	152.69	360 iPKPc	03	55.80	7.4X	GBA	17.67	231	P	25	01.70	0.2	HFS	62.19	326	eP	31	15.00	-1.2
	0.9s	9.00nm						S	28	01.70				0.5s	22.20nm			5.5mb	
CAF	153.06	359 iPKPc	03	56.90	8.0X	POO	17.68	251	iP	24	53.00	-8.7X	HVAR	62.41	307	eP	31	16.20	-1.7
	0.5s	4.00nm						iS	27	57.50			PRU	62.66	315	Pc	31	19.50	0.1
LPO	153.31	0 iPKPc	03	57.20	8.0X	OIZ	18.22	107	eP	25	08.60	0.3	VBY	62.86	310	e(P)	31	19.50	-1.3
	0.4s	3.05nm				WMQ	18.55	352	P	25	13.00	0.6	GEC2	63.37	314	e(P)	31	23.90	-0.4
EPF	154.95	2 ePKP	03	58.00	6.4X	KSH	19.04	321	P	25	18.00	-0.3		0.6s	4.50nm			4.8mb	
	0.7s	13.55nm					0.7s	60.00nm			4.9mb		GEC2	63.37	314	Pc	31	24.00	-0.3
BCAO	158.51	233 iPKPd	03	56.70	0.0	KOD	20.12	224	eP	25	31.00	0.6		0.6s	4.27nm			4.8mb	
	0.5s	12.00nm						eS	29	07.00				e		31	25.30	4kmX	
		ic	04	36.00		WHN	20.86	71	eP	25	37.70	0.1			e	31	35.60		
	S.D. = 1.1	on 66 of 127 obs.					0.7s	13.00nm			4.4mb				e	31	39.70		
								pP	25	48.50	44km				e	31	49.00		
	DEC 12, 1992	13h 52m 44.86±0.80s				TIY	21.61	51	Pc	25	44.50	-0.8	CEY	63.39	310	e(P)	31	23.50	-0.9
	8.845 N ±15.1km	70.896 W ±8.5km					0.8s	83.00nm			5.2mb		KHC	63.41	314	eP	31	24.00	-0.4
	DEPTH = 33.0km (normol)					Z	23s	0.79um			4.1MsZ			1.0s	3.50nm			4.4mb	
	4.3mb (4 obs.)							sP	26	02.00				e	31	42.40		70kmX	
	VENEZUELA	(101)				BTO	21.63	41	eP	25	45.00	-0.5			e	32	15.20		
	Slight damage to some buildings					OUE	22.12	288	eP	25	50.70	0.1	CLL	63.45	317	eP	31	24.00	-0.6
	at Merido. Felt in the Merida							eS	29	34.90				e	32	06.00	179kmX		
	oreo.					FRU	22.13	326	eP	25	52.50	2.1	NAO	63.55	327	P	31	24.20	-1.0
							1.5s	70.00nm			4.9mb			0.7s	10.60nm			5.0mb	
SDV	0.26	81 iPgd	52	49.80	-2.6			i	26	07.00	63kmX		VOY	63.71	311	e(P)	31	25.20	-1.3
		iSg	52	57.20		HHC	22.72	43	eP	25	57.20	1.0			e	31	40.10	54kmX	
TOV	1.44	49 iPnc	53	12.00	3.1X	IPM	22.73	154	ePc	25	56.50	0.1	MOX	64.42	316	eP	31	31.20	0.2
		iPP	53	13.80		NJ2	24.89	68	eP	26	18.00	0.8			e	31	43.00	40km	
		iSn	53	33.50		BJI	25.28	49	eP	26	22.00	1.2	GRF	64.83	315	iPc	31	34.10	0.4
MORO	3.24	51 iPc	53	37.90	3.2X	ZAK	26.51	17	iPc	26	33.70	1.6			ePc	31	50.20	59kmX	
		iS	54	20.70			1.2s	22.00nm			4.6mb		CDF	67.64	314	eP	31	51.10	-0.6
OLLA	4.20	74 iP	53	49.60	1.2			e	26	45.70	47km			0.8s	7.80nm			4.8mb	
		iS	54	56.20		SSE	26.76	71 Pd	26	44.50	9.9X	WLF	68.06	316 P	31	55.00	0.9		
LLAV	4.34	68 iP	53	52.00	1.6	Z	16s	0.50um		4.2MsZ				e	32	11.00	58kmX		
		iS	54	41.70		MOY	27.17	13	eP	26	39.00	0.9	BSF	68.09	314	eP	31	53.80	-0.8
BOG	5.24	217 eP	54	04.00	0.6	IRK	28.49	17	ePc	27	07.40	17.3X		0.7s	5.20nm			4.7mb	
GUAN	5.30	78 iPc	54	03.90	0.0		2.0s	66.00nm					HAU	68.34	314	eP	31	55.50	-0.5
		iS	55	07.50			Z	21s	0.79um		4.3MsZ			0.7s	11.50nm			5.0mb	
ALO	41.62	314 ePc	00	32.00	0.1	SNY	31.12	50 Pc	27	12.70	-0.9	LPG	68.70	311 iPc	31	58.40	-0.3		
	1.1s	5.70nm			4.2mb	BRVK	31.80	336 iPc	27	19.00	-0.4		0.7s	9.50nm			4.9mb		
PV10	45.14	317 (P)	01	01.20	0.6	Z	18s	0.44um		4.2MsZ		LPL	68.71	311 iPc	31	58.40	-0.2		
ULM	46.19	338 ePd	01	09.90	1.6	N	16s	0.25um					0.6s	10.55nm			5.0mb		
LRM	51.22	323 eP	01	48.00	0.4	E	16s	0.20um				LOR	70.16	314 iPc	32	06.30	-0.9		
SES	53.07	329 eP	02	01.00	-0.2			eS	32	25.00			0.8s	6.45nm			4.7mb		
YKA	62.16	339 eP	03	02.50	-2.5	CN2	33.13	48 eP	27	30.80	-0.4	LBF	70.16	313 iPc	32	06.50	-0.7		
	0.7s	2.40nm			4.4mb		0.8s	10.00nm			4.7mb			0.6s	4.80nm			4.7mb	
NAO	78.30	30 P	04	44.10	1.1			ePc	27	38.00	25kmX	SMF	70.34	313 iPc	32	07.80	-0.5		
	0.9s	10.00nm			4.8mb	BOD	36.19	21 iPc	27	56.90	-0.2		0.6s	10.10nm			5.0mb		
GEC2	79.86	42 P	04	51.70	-0.2		1.0s	14.00nm			4.8mb	SSF	70.44	314 iPc	32	08.50	-0.4		
	0.9s	2.59nm			4.2mb	SVE	38.34	333 ePc	28	17.00	1.8		0.8s	20.70nm			5.2mb		
	S.D. = 1.5	on 13 of 15 obs.					1.1s	40.00nm			5.2mb	AVF	70.62	313 iPc	32	09.50	-0.5		
	DEC 12, 1992	14h 20m 56.74±0.20s				ARU	38.93	331 eP	28	21.50	1.3		0.8s	10.75nm			4.9mb		
	25.473 N ±4.0km	91.414 E ±3.1km						e	28	37.00	61kmX	BGF	71.02	313 iPc	32	12.10	-0.3		
	DEPTH = 40.7km (10 depth phoses)					MAT	41.24	63 eP	28	36.00	-3.5X		0.6s	5.25nm			4.7mb		
	5.0mb (65 obs.)						0.8s	4.48nm			4.2mb	MAF	71.31	313 iPc	32	14.30	0.1		
	INDIA-BANGLADESH BORDER REGION	(315)				NRI	43.99	358 iPc	29	00.00	-1.5		0.7s	7.05nm			4.8mb		
							1.0s	28.00nm			5.0mb	TCF	71.53	313 iPc	32	15.50	0.0		
								i	29	17.00	68kmX		0.7s	17.00nm			5.1mb		
SHL	0.43	78 iPg	21	08.50	1.6			e	30	43.00		EKA	71.95	323 Pd	32	18.20	0.4		
		iSg	21	15.10				eP	29	26.50	11.2X		0.6s	11.10nm			5.0mb		
LSA	4.22	357 Pd	22	04.20	3.6X	YSS	45.68	48 eP	29	26.50									
CHG	9.62	132 eP	23	11.80	-4.0X	HRI	48.66	293 iPc	29	39.80	0.8	LSF	71.99	313 iPc	32	17.90	-0.3		
	0.8s	22.39nm			5.4mb	BHL	48.66	294 P	29	38.00	-1.0		0.4s	2.05nm			4.4mb		
KMI	10.26	90 Pc	23	41.00	16.3X	DSI	49.16	291 eP	29	43.60	0.8	CAF	72.04	312 iPc	32	18.70	0.1		
	1.5s	60.00nm				OBN	49.50	322 iPc	29	45.00	0.0		0.7s	7.60nm			4.8mb		
BDT	10.81	138 iPd	23	27.50	-4.6X		1.5s	42.00nm			5.2mb	RJF	72.29	312 iPc	32	20.40	0.4		
	1.0s	144.90nm			6.1mb X			e	30	01.00	62kmX		0.6s	11.25nm			5.0mb		
CD2	12.16	61 eP	23	49.80	-0.5	RMN	49.96	289 iPc	29	49.30	0.3	LDF	72.32	316 iPc	32	19.80	-0.3		

GRR 72.85 316 iPc 32 23.10 -0.1
0.6s 14.25nm 5.1mb
LFF 72.93 312 iPc 32 24.10 0.4
0.6s 14.60nm 5.1mb
MFF 72.97 314 eP 32 23.80 -0.2
0.8s 16.00nm 5.0mb
LPF 73.08 315 eP 32 24.70 0.2
0.6s 6.75nm 4.8mb
STKA 74.47 137 eP 32 32.20 -0.6
RMQ 75.68 129 eP 32 41.00 1.2
0.8s 27.00nm 5.3mb
BUL 76.01 239 iPd 32 41.80 -0.2
0.8s 13.43nm 5.0mb
IMA 76.40 22 eP 32 43.67 0.2
0.9s 5.54nm 4.6mb
CMS 76.88 134 iPd 32 46.60 0.1
0.5s 2.00nm 4.4mb
TTA 77.20 26 eP 32 48.30 0.4
1.1s 6.78nm 4.6mb
SVW 78.31 27 eP 32 55.25 1.3
0.8s 52.51nm 5.6mb
FBA 79.08 22 iPc 32 58.39 0.3
0.8s 19.05nm 5.1mb
SLR 79.41 235 iPd 33 01.50 0.8
0.8s 22.39nm 5.2mb
BGL 79.54 26 eP 33 01.10 0.4
CP2 79.59 26 eP 33 03.19 2.0
CRP 79.63 26 eP 33 01.74 0.4
RES 80.00 2 eP 33 04.50 1.7
1.0s 4.00nm 4.3mb
KSR 80.51 236 eP 33 06.00 -0.6
0.7s 12.50nm 5.0mb
PMR 80.61 25 iPc 33 06.49 0.2
0.6s 27.55nm 5.4mb
PRY 80.69 234 eP 33 07.50 0.0
1.0s 15.00nm 4.9mb
TOO 80.70 139 eP 33 07.30 0.2
0.6s 13.00nm 5.1mb
TOA 81.40 24 eP 33 12.80 2.3
KLU 81.88 24 eP 33 14.16 1.1
e 33 26.12 39km
8ALM 83.48 23 eP 33 22.33 0.9
YKA 89.90 12 eP 33 51.20 -1.4
0.9s 4.00nm 4.7mb
KIC 92.82 278 PKPc 34 07.80 1.0
0.8s 14.00nm 5.4mb
TIC 92.95 279 PKP 34 08.40 1.0
0.6s 7.50nm 5.3mb
LIC 93.14 278 PKP 34 09.00 0.7
0.7s 10.00nm 5.4mb
SIV 152.64 285 ePKP 40 48.00 4.1X
i 40 55.60
ZOBO 158.84 292 PKP 40 52.90 0.2
i 41 29.00
LPB 158.93 291 ePKP 40 59.00 6.5X
CNCB 158.96 290 PKP 40 54.30 1.6
i 41 29.50
S.D. = 0.9 on 112 of 127 obs.

* DEC 12, 1992 14h 45m 14.45±0.53s
8.399 S ±14.5km 122.412 E ±15.6km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.64 118 eP 47 33.00 -1.0
eS 49 20.00
WB2 16.29 136 eP 48 58.70 -3.8X
0.6s 8.40nm 4.0mb
eS 51 55.30
ASPA 18.75 145 eP 49 32.80 -0.4
1.2s 35.10nm 4.4mb
Z 22s 2.30um
eS 52 48.70
QIS 20.55 128 eP 49 52.60 -0.4
PMG 24.47 94 eP 50 33.00 1.2
IPM 24.92 300 ePd 50 36.10 -0.1
STKA 29.39 145 eP 51 17.30 0.3
CMS 31.67 140 iPd 51 38.30 1.2
1.0s 10.00nm 4.6mb
BWA 35.24 141 eP 52 12.80 4.7X
CHG 35.59 320 eP 52 12.00 0.8
1.0s 12.50nm 4.8mb
CD2 42.98 336 eP 53 10.00 -2.5
XAN 44.10 344 P 53 21.00 -0.5

LZH 47.57 340 eP 53 50.50 1.3
1.6s 33.00nm 5.1mb
LSA 48.37 323 iPd 53 57.00 1.2
BJI 48.54 354 eP 53 57.00 0.6
GTA 51.98 338 eP 54 22.50 -0.4
WMO 60.75 332 P 55 25.80 0.4
1.5s 16.00nm 4.9mb
KSH 64.14 321 P 55 47.30 -0.9
YKA 112.25 25 ePKP 03 47.30 -0.8
1.2s 0.60nm
CNCB 152.93 158 PKP 05 14.00 10.0X
ZOBO 153.34 157 ePKP 05 13.00 8.4X
S.D. = 1.1 on 17 of 21 obs.

DEC 12, 1992 14h 54m 23.15±0.28s
8.374 S ±4.5km 122.198 E ±6.4km
DEPTH = 33.0km (normal)
5.2mb (27 obs.)

FLORES REGION, INDONESIA (286)

WSI 2.28 235 iPc 54 59.00 -0.3
i(S) 55 30.70
TRT 9.49 273 ePd 56 42.40 1.7
KNA 9.74 139 iPc 56 42.00 -2.2
0.5s 58.00nm 6.1mb
eS 58 30.00
MTN 9.84 118 eP 56 45.50 0.0
0.4s 442.00nm 7.1mb X
eS 58 32.00
NANU 15.49 204 iPc 57 58.00 -2.9
eS 00 41.50
MEEK 18.48 190 eP 58 38.00 -0.5
0.5s 21.00nm 4.6mb
eS 01 50.00
ASPA 18.89 145 eP 58 43.30 -0.3
1.2s 98.60nm 4.9mb
eS 02 01.80
QIS 20.73 128 iPc 59 04.20 0.6
eS 02 50.00
MRWA 21.54 195 eP 59 11.30 -0.4
0.4s 9.00nm 4.5mb
COOL 22.42 182 eP 59 20.00 -0.5
BAL 22.71 192 eP 59 23.20 -0.1
FORT 22.95 167 eP 59 26.00 0.3
MUN 24.14 193 eP 59 37.50 0.3
0.6s 73.00nm 5.4mb
PMG 24.68 94 e(P) 59 40.00 -2.6
IPM 24.73 301 ePd 59 42.30 -0.8
1.1s 133.60nm 5.4mb
CTA 26.02 119 P 59 59.09 3.9X
RKG 26.50 190 eP 00 00.00 0.5
STKA 29.53 145 iPc 00 28.30 1.3
e 03 30.80
NNT 30.53 313 eP 00 36.00 0.1
RMQ 30.97 129 eP 00 41.80 2.0
e 01 26.80
CMS 31.83 140 eP 00 48.00 0.8
0.3s 2.00nm 4.5mb
LOE 32.64 322 eP 00 55.00 0.6
BDT 34.26 318 iPd 01 08.30 -0.1
1.1s 91.50nm 5.6mb
BRS 34.55 127 iPc 01 12.00 1.1
0.5s 18.00nm 5.3mb
ARMA 35.18 133 eP 01 19.20 2.8X
0.5s 4.00nm 4.6mb
BWA 35.39 141 eP 01 23.10 5.0X
CHG 35.44 320 ePc 01 18.80 0.2
1.0s 34.75nm 5.2mb
TOO 35.91 148 eP 01 24.00 1.6
0.9s 29.00nm 5.2mb
CAN 36.34 142 eP 01 30.30 4.2X
GYA 37.77 337 iPd 01 39.00 0.8
1.0s 27.00nm 5.1mb
KMI 38.31 331 Pc 01 44.50 1.6
2.0s 80.00nm 5.2mb
SSE 39.26 359 Pc 01 52.00 1.6
1.4s 22.00nm 4.7mb
Z 20s 0.50um 4.3msz
WHN 39.42 349 eP 01 49.00 -2.8
CD2 42.88 336 iPc 02 20.20 -0.1
1.0s 73.00nm 5.4mb
TIY 46.75 349 eP 02 50.40 -0.8
MAT 47.14 18 eP 02 54.00 -0.3
1.6s 73.33nm 5.4mb
LZH 47.48 340 Pc 02 57.50 0.4
1.4s 81.00nm 5.5mb
Z 19s 0.60um 4.6msz

N 12s 0.28um
sP 03 12.00
LSA 48.22 323 Pc 03 03.20 -0.2
0.6s 3.00nm 4.5mb
BJI 48.49 354 eP 03 04.50 -0.2
1.2s 49.00nm 5.4mb
YAMJ 49.21 19 eP 03 11.70 1.4
GBA 49.51 296 P 03 09.20 -3.7X
HHC 49.95 349 P 03 15.80 -0.3
1.2s 1.00nm 3.7mb X
BTO 50.01 348 eP 03 15.40 -1.1
HYB 50.17 301 eP 03 13.00 -5.0X
OFUJ 50.56 20 eP 03 21.50 0.9
GTA 51.88 338 P 03 31.50 0.7
1.5s 35.00nm 5.1mb
MDJ 53.16 7 eP 03 39.20 -0.9
1.0s 28.00nm 5.2mb
WMO 60.63 332 Pc 04 32.50 -0.8
1.5s 56.00nm 5.5mb
Z 22s 0.33um 4.4msz
pP 04 43.00 35kmX
sP 04 47.00
IRK 62.32 348 ePc 04 43.20 -1.3
1.4s 29.00nm 5.2mb
e 04 57.80
KSH 63.99 322 eP 04 52.30 -3.6X
YAK 70.42 4 eP 05 35.60 -0.1
1.8s 70.00nm 5.4mb
MAW 70.91 200 P 05 40.09 1.4
BUL 90.49 250 iP 07 23.70 0.0
1.1s 13.29nm 5.2mb
IMA 95.21 24 (P) 07 44.78 0.3
1.1s 2.92nm 4.6mb
YKA 112.31 25 ePKP 12 54.90 -2.0
0.9s 1.00nm
CVL 145.11 29 ePKP 13 58.64 -0.6
YJA 148.72 166 ePKPd 14 08.50 2.3
LPB 153.24 158 ePKP 14 22.00 9.1X
SIV 155.58 172 (PKP) 14 20.00 4.4X
e 14 44.00
S.D. = 1.2 on 50 of 59 obs.

? DEC 12, 1992 14h 55m 56.77±0.81s
27.773 N ±14.6km 143.780 E ±23.1km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)

BONIN ISLANDS REGION (212)

MAT 9.93 333 eP 58 21.00 0.7
0.7s 13.70nm 5.3mb X
eS 00 09.00
YAK 35.50 349 eP 02 58.00 5.9X
RMQ 54.16 174 eP 05 21.50 0.4
KLU 56.63 33 eP 05 37.66 -1.2
STKA 59.35 182 iPc 05 58.60 0.6
HYB 60.50 275 eP 06 09.00 2.7X
GBA 63.00 272 P 06 25.80 2.8X
POO 64.22 278 iPd 06 28.20 -2.9
YKA 70.87 29 eP 07 10.60 -1.5
1.0s 1.50nm 4.0mb
KAF 77.48 335 iP 07 52.10 1.9X
0.6s 4.80nm 4.7mb
NUR 79.08 334 eP 08 01.10 2.1X
0.4s 3.80nm 4.7mb
LRM 79.41 44 eP 08 01.80 0.3
e 08 08.30
e 08 16.10
HFS 83.36 337 eP 08 22.00 0.5
0.5s 2.40nm 4.6mb
NAO 83.79 339 P 08 25.30 1.5
0.8s 8.60nm 5.0mb
GEC2 91.66 330 P 09 03.40 1.4
0.8s 1.34nm 4.4mb
e 09 09.50
e 09 18.30
S.D. = 1.6 on 10 of 15 obs.

DEC 12, 1992 15h 13m 31.82±1.36s
38.546 S ±7.9km 175.679 E ±5.6km
DEPTH = 190.1 ±12.8 km
NORTH ISLAND, NEW ZEALAND (159)

NGZ 0.63 186 P 13 58.40 -0.4
CNZ 0.66 189 P 13 58.90 0.0
WLZ 0.68 354 eP 13 59.30 0.5
eS 14 17.10
MOZ 0.69 273 P 13 59.20 0.3

12d 15h

TAZ	0.72	65	eP	13 58.50	-0.5
WHH	0.72	118	P	13 58.40	-0.8
URZ	1.16	76	P	14 01.30	-0.7
			S	14 20.00	
WAHZ	1.27	156	P	14 03.20	0.3
MOH	1.29	118	eP	14 02.70	-0.4
TTH	1.34	138	eP	14 03.20	-0.3
BSZ	1.38	205	eP	14 04.60	0.8
MAHZ	1.83	111	eP	14 09.10	0.9
NOZ	1.85	93	P	14 09.00	0.7
MNG	2.08	184	P	14 11.00	0.2
			S	14 36.20	
PGZ	2.12	168	P	14 11.50	0.3
KIW	2.39	194	P	14 14.30	0.1
CAW	2.60	190	P	14 16.70	0.0
MTW	2.61	183	P	14 16.50	-0.3
DIW	2.63	210	eP	14 17.30	0.3
MRW	2.79	195	eP	14 18.70	-0.1
			S	14 51.10	
BLW	2.82	183	P	14 19.20	-0.1
WEL	2.82	194	eP	14 19.20	-0.1
TCW	2.87	202	P	14 19.90	0.0
ORZ	3.33	226	eP	14 25.30	-0.1
			eS	15 04.70	
KHZ	4.20	202	eP	14 36.20	-0.1
LTZ	4.96	210	eP	14 45.60	-0.6
MOZ	5.64	203	eP	14 53.10	-1.8X

S.D. = 0.5 on 26 of 27 obs.

& DEC 12, 1992 15h 53m 46.40s
36.850 N 121.603 W
DEPTH = 7.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.7 (BRK), 3.7 (GS).
Felt (IV) at Aromas. Also felt
in the San Juan Bautista area.

SAO	0.15	124	iPd	53 49.12	-0.6
			eS	53 51.20	
COE	0.41	352	ePc	53 55.51	0.8
MHC	0.49	356	iPd	53 56.77	0.5
			eS	54 04.98	
ARN	0.50	6	iPd	53 56.73	0.2
PRS	0.55	160	iPd	53 56.93	-0.5
LLA	0.58	114	iPd	53 57.79	-0.2
PCC	0.90	316	iPd	54 03.35	-0.5
JEGM	0.95	314	eP	54 03.66	-1.2
PRI	1.03	133	iPd	54 06.23	-0.1
BKS	1.14	334	iPd	54 07.01	-1.0
			eS	54 24.73	
ZSP	1.21	335	iPd	54 08.36	-0.8
HMR	1.31	353	ePn	54 10.76	-0.2
PHAM	1.40	136	ePn	54 11.03	-1.4
PKEM	1.44	123	ePn	54 12.76	-0.1
FRI	1.52	84	iPc	54 12.60	-1.5
CMB	1.53	39	iPd	54 13.23	-1.0
			eS	54 32.63	
NTYM	1.75	332	ePn	54 15.75	-1.6
BCH	2.07	143	ePn	54 20.17	-1.9
MMPM	2.19	69	ePnc	54 23.93	-0.1
MEMM	2.28	68	ePnc	54 25.55	0.6
MTUM	2.48	77	ePnc	54 28.43	0.4
MRCM	2.60	71	ePn	54 30.61	0.8
ORV	2.70	2	eP	54 30.88	-0.2
ISA	2.79	114	ePn	54 30.95	-1.5
			eS	55 08.27	
BONR	2.85	66	ePn	54 33.99	0.5
MIN	3.49	360	iPd	54 44.31	2.0
TNP	3.70	69	(Pn)	54 46.25	0.8
SSK	4.14	128	ePn	54 50.54	-1.0
GSC	4.18	110	ePn	54 49.77	-2.3
TPNV	4.29	87	ePn	54 55.18	1.4
LBFM	4.50	357	(P)	54 58.98	2.3
PEC	4.68	128	(Pn)	54 56.99	-2.2
SRU	9.03	72	(Pn)	56 00.96	0.6

33 obs. associated

& DEC 12, 1992 15h 58m 52.80s
36.847 N 121.588 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.6 (BRK), 3.6 (GS).
Felt (IV) at Aromas. Also felt
in the San Juan Bautista area.

COE	0.42	351	iPc	59 01.92	0.8
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MHC	0.50	355	iPc	59 03.03	0.3
			eS	59 10.91	
ARN	0.50	5	iPd	59 03.08	0.2
PRS	0.54	161	iPd	59 03.17	-0.5
			eS	59 11.60	
LLA	0.57	114	iPd	59 04.05	-0.1
			eS	59 10.25	
PCC	0.91	316	iPc	59 09.85	-0.8
PRI	1.02	133	iPc	59 12.65	-0.1
BKS	1.15	334	iPd	59 13.39	-1.4
			eS	59 31.00	
ZSP	1.22	334	eP	59 14.82	-1.1
HMR	1.32	353	ePn	59 16.95	-0.6
PKEM	1.43	123	ePn	59 19.65	0.2
FRI	1.51	84	eP	59 19.03	-1.5
			eS	59 40.13	
CMB	1.52	39	iPd	59 19.40	-1.4
			eS	59 37.88	
NTYM	1.76	331	ePn	59 22.09	-2.0
BCH	2.06	143	ePnc	59 26.44	-2.1
MMPM	2.18	69	ePnc	59 30.20	-0.4
MEMM	2.27	68	ePnc	59 31.93	0.5
MTUM	2.47	77	ePnc	59 34.53	0.0
MRCM	2.59	71	ePn	59 37.03	0.7
ORV	2.71	1	iPd	59 37.56	-0.2
ISA	2.78	114	ePn	59 37.47	-1.4
MIN	3.49	360	eP	59 51.21	2.2
KVN	3.53	50	(Pn)	59 51.72	2.2
LMEM	3.69	0	(P)	59 51.82	0.0
TNP	3.69	69	ePn	59 50.51	-1.4
GSC	4.17	110	ePn	59 56.02	-2.6
PEC	4.67	128	(P)	00 06.21	0.6

27 obs. associated

DEC 12, 1992 15h 59m 19.96±1.02s
33.175 S ± 7.1km 70.399 W ± 8.4km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.7 (SAN).

FCH	0.18	149	iPd	59 22.96	-1.2
			iS	59 25.76	
PEL	0.24	277	iP+	59 25.93	0.8
			iS	59 29.50	
PCH	0.45	192	iP	59 29.29	0.0
			iS	59 36.40	
JACH	0.52	342	iP+	59 29.33	-1.2
			iS	59 38.03	
ROCH	0.55	291	iP+	59 31.49	0.2
			iS	59 40.44	
TACH	0.66	223	iP	59 33.17	0.1
			iS	59 44.20	
CACH	0.95	190	(P)	59 36.36	-1.9
			iS	59 53.17	
LCCH	1.02	253	iP+	59 39.87	0.6
			iS	59 55.51	
LNK	1.15	227	iP	59 41.42	0.0
RFA	2.26	135	iP	00 00.60	2.6

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

? DEC 12, 1992 15h 59m 56.00±1.51s
44.123 N ± 24.6km 149.270 E ± 18.0km
DEPTH = 33.0km (normal)
3.2mb (1 obs.)
KURIL ISLANDS (221)

KUSJ	3.47	254	eP	00 48.80	-0.1
			eS	01 29.10	
HOJ	4.70	250	eP	01 07.90	1.5
			eS	02 02.20	
ASAJ	4.77	272	eP	01 07.40	0.0
MRRJ	6.22	257	eP	01 27.70	-0.2
			eS	02 35.70	
AOMJ	7.49	245	eP	01 44.10	-1.5
			eS	03 08.60	
OFUJ	7.60	231	eP	01 47.60	0.4
			eS	03 11.50	
YKA	54.63	34	eP	09 23.30	0.0
			0.4s	0.10nm	3.2mb

S.D. = 1.1 on 7 of 7 obs.

& DEC 12, 1992 16h 26m 36.34s
58.378 N 153.846 W
DEPTH = 65.5km
KODIAK ISLAND REGION (13)
<AEIC>. ML 3.0 (AEIC).

SYI	0.80	72	eP	26 51.10	-1.2
			eS	27 02.26	
MCNL	0.85	343	iP	26 52.12	-0.8
			eS	27 04.23	
KDC	0.96	131	eP	26 52.63	-1.7
AUI	0.98	13	eP	26 53.57	-1.1
			eS	27 07.35	
AUH	1.01	12	iP	26 54.33	-0.8
AUP	1.01	12	eP	26 54.27	-0.9
AUE	1.01	14	iP	26 54.30	-0.7
AUW	1.01	11	iP	26 54.16	-0.9
AUL	1.03	12	eP	26 54.46	-0.8
OPT	1.32	14	iP	26 58.08	-1.1
PDB	1.43	353	iP	26 59.22	-1.3
			eS	27 16.43	
INW	1.73	12	iP	27 03.47	-1.4
			eS	27 24.02	
INE	1.74	13	eP	27 03.23	-1.7
			eS	27 23.99	
ILIM	1.77	15	eP	27 03.63	-1.7
RED	2.12	15	eP	27 08.55	-1.7
RS1	2.16	14	eP	27 09.28	-1.6
RS2	2.16	14	iP	27 09.39	-1.6
RSO	2.16	14	iP	27 09.37	-1.6
RDW	2.18	14	eP	27 09.53	-1.6
REF	2.20	15	eP	27 09.74	-1.7
NCT	2.24	12	eP	27 10.45	-1.5
DFR	2.30	14	eP	27 11.12	-1.6
RDT	2.32	18	eP	27 11.25	-1.8
SLKM	2.83	39	eP	27 17.14	-2.9
SEW	2.85	51	eP	27 16.95	-3.3
SVW	2.88	343	eP	27 18.91	-2.0
CKL	2.93	14	iP	27 20.16	-1.4
CKT	2.95	16	eP	27 20.29	-1.6
SPU	2.96	17	eP	27 20.08	-1.8
CKN	2.98	16	eP	27 20.71	-1.5
BGL	2.99	14	eP	27 20.55	-1.9
CP2	3.01	15	eP	27 21.41	-1.4
CRP	3.02	16	eP	27 20.71	-2.2
CGLM	3.08	17	eP	27 22.07	-1.7
MPA	3.12	45	eP	27 21.02	-3.1
NCG	3.15	15	eP	27 23.02	-1.7
SUA	3.47	25	eP	27 27.14	-2.0
PTE	3.50	42	eP	27 26.16	-3.2
PMS	3.60	35	P	27 28.30	-2.6
KNIM	3.70	55	eP	27 28.53	-3.8
SKT	3.79	17	eP	27 31.06	-2.6
SKT	3.79	17	eP	27 30.86	-2.8
PWA	3.84	30	P	27 32.00	-2.2
PMR	4.00	34	eP	27 32.71	-3.8
KNK	4.08	39	eP	27 33.84	-3.8
GHO	4.20	34	P	27 35.90	-3.6
KLU	5.06	49	eP	27 47.26	-4.3
FBA	7.15	21	eP	28 15.60	-4.8

48 obs. associated

* DEC 12, 1992 16h 42m 18.29±0.42s
8.474 S ± 7.9km 122.071 E ± 12.1km
DEPTH = 33.0km (normal)
5.0mb (11 obs.)

FLORES REGION, INDONESIA				(286)	
WB2	16.47	135	eP	46 01.70	-6.9X
	0.8s		6.60nm		3.8mb X
			eS	49 00.00	
ASPA	18.88	144	eP	46 38.70	0.1
	0.8s		30.80nm		4.6mb
Z	23s		0.20um		5.4MszX
			eS	49 59.50	
OIS	20.77	127	eP	47 00.30	1.2
MRWA	21.41	195	eP	47 05.00	-0.6
	0.9s		42.00nm		4.9mb
IPM	24.67	301	ePc	47 38.50	0.8
	0.8s		32.80nm		5.0mb
RMO	31.01	129	eP	48 41.20	5.9X
CHG	35.43	320	eP	49 14.00	0.3
GVA	37.81	337	iPc	49 35.00	1.3
	1.0s		15.00nm		4.8mb
KMI	38.34	331	Pc	49 41.00	2.7X
	1.5s		40.00nm		5.0mb
CD2	42.92	337	Pd	50 16.00	0.3
	1.0s		73.00nm		5.4mb
XAN	44.08	344	P	50 25.00	-0.2
	0.8s		20.00nm		5.0mb
TIY	46.82	350	eP	50 47.00	0.1
MAT	47.27	18	eP	50 50.00	-0.5
LZH	47.53	340	Pd	50 53.00	0.3

1.2s 51.00nm 5.4mb
LSA 48.22 323 eP 50 58.10 -0.5
BJI 48.58 354 eP 51 00.00 -0.5
1.0s 22.00nm 5.1mb
HHC 50.02 350 P 51 11.80 0.0
1.0s 7.00nm 4.6mb
MDJ 53.28 7 eP 51 35.10 -1.0
WMO 60.66 332 P 52 28.00 -0.6
0.9s 9.70nm 4.9mb
ALO 128.44 52 ePKP 01 25.00 0.9
1.0s 5.75nm
LPB 153.19 158 PKP 02 21.00 13.0X
ZOBO 153.41 158 ePKP 02 07.00 -1.6
S.D. = 0.8 on 18 of 22 obs.

DEC 12, 1992 16h 50m 35.41±0.47s
23.995 S ± 5.0km 66.950 W ± 8.7km
DEPTH = 208.3 ± 8.0 km
3.7mb (1 obs.)
JUJUY PROVINCE, ARGENTINA (128)

SLA 1.52 119 iPd 51 11.00 0.5
HJA 1.62 62 iPd 51 11.20 0.1
S 51 37.80
FSA 2.25 158 iPd 51 19.00 1.6
S 51 50.50
YJA 2.25 37 iPd 51 17.20 -0.8
ANT 3.19 275 iP+ 51 28.50 0.4
eS 52 06.30
RTPR 6.29 177 ePd 52 07.20 0.0
(S) 53 16.00
CCH 6.62 7 P 52 10.90 -1.0
CNCB 7.21 352 P 52 19.20 -0.6
S 53 40.00
LPB 7.50 352 P 52 24.00 0.5
S 53 48.00
TCA 7.61 165 iPd 52 24.00 -0.6
(S) 53 48.00
CFA 7.67 188 ePd 52 25.00 -0.3
ZOBO 7.75 352 P 52 26.00 -1.0
S 53 50.80
ARE 8.62 330 eP 52 41.00 3.1X
eS 54 07.00
SIV 9.69 36 P 52 53.20 1.7
RFA 10.82 187 iP 53 04.90 -1.1
VAO 18.36 91 eP 54 36.00 -1.0
e 54 37.20
BAO 19.66 68 Pc 54 50.40 -0.1
e 55 10.80
YKA 94.13 340 eP 03 32.60 1.8
0.5s 0.30nm 3.7mb
S.D. = 1.1 on 17 of 18 obs.

* DEC 12, 1992 16h 58m 40.70±1.04s
8.620 S ± 16.3km 122.373 E ± 13.2km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
FLORES REGION, INDONESIA (286)

MTN 9.57 117 eP 00 59.70 0.3
WB2 16.16 135 eP 02 27.00 -0.1
0.7s 29.90nm 4.5mb
eS 05 19.50
QIS 20.44 127 iPc 03 18.80 0.6
MRWA 21.35 195 iPd 03 27.00 -0.4
0.4s 5.00nm 4.3mb
MUN 23.94 193 eP 03 53.00 0.2
STKA 29.23 145 eP 04 43.00 1.2
RAB 29.92 83 e(P) 04 54.00 5.8X
RMO 30.69 129 eP 04 52.70 -2.1
ARMA 34.89 132 eP 05 34.20 2.7X
0.6s 6.00nm 4.7mb
CHG 35.74 320 eP 05 38.80 0.2
ZOBO 153.16 157 PKP 18 49.30 18.7X
S.D. = 1.2 on 8 of 11 obs.

% DEC 12, 1992 17h 03m 45.15±0.69s
31.809 S ± 8.2km 67.663 W ± 6.3km
DEPTH = 29.7 ± 8.0 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.53 292 ePc 03 56.00 -0.1
S 04 05.10
RTCV 0.75 266 iP 04 00.00 0.5
RTLL 0.84 305 iPc 04 01.20 0.3
S 04 13.50

ZON 0.90 287 iPd 04 01.20 -0.6
eS 04 16.20
MRA 1.76 110 ePc 04 14.20 0.1
RFA 3.03 193 iP 04 32.10 -0.1
(S) 05 18.90
CYA 3.72 26 ePd 04 42.00 0.0
S.D. = 0.5 on 7 of 7 obs.

& DEC 12, 1992 17h 04m 56.10s
36.818 N 121.560 W
DEPTH = 7.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.5 (BRK).

SAO 0.11 120 iPc 04 58.10 -0.5
iS 04 59.73
COE 0.45 348 iPd 05 05.87 0.7
PRS 0.51 162 iPd 05 05.86 -0.5
eS 05 11.77
MHC 0.53 353 iPc 05 06.91 0.2
iS 05 14.66
ARN 0.53 2 iPd 05 06.88 0.1
LLA 0.53 112 iPc 05 06.76 -0.1
eS 05 14.28
PCC 0.95 316 iPc 05 13.77 -0.6
eS 05 27.10
JEGM 1.00 314 eP 05 13.85 -1.5
BKS 1.19 333 ePc 05 16.65 -1.8
eS 05 35.64
ZSP 1.25 334 ePd 05 20.22 0.6
iS 05 38.22
PKEM 1.39 122 (P) 05 22.22 0.3
FRI 1.49 83 eP 05 22.65 -0.7
eS 05 42.08
CMB 1.53 37 ePc 05 22.54 -1.4
eS 05 42.44
13 obs. associated

? DEC 12, 1992 17h 15m 17.43±1.78s
8.753 S ± 43.9km 122.149 E ± 66.7km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
FLORES REGION, INDONESIA (286)

KNA 9.49 138 eP 17 35.00 0.0
0.4s 15.00nm 5.6mb
eS 19 21.00
WHN 39.78 349 eP 22 51.00 1.9
CD2 43.20 337 eP 23 16.80 -0.4
XAN 44.37 344 P 23 25.50 -1.1
1.0s 11.00nm 4.6mb
TIY 47.11 349 eP 23 48.00 -0.3
LZH 47.81 340 eP 23 54.50 0.4
1.5s 27.00nm 5.0mb
BJI 48.86 354 eP 24 01.00 -0.8
1.0s 13.00nm 4.9mb
WMO 60.94 332 P 25 30.00 0.3
0.8s 5.50nm 4.7mb
S.D. = 1.1 on 8 of 8 obs.

? DEC 12, 1992 17h 18m 54.38±2.79s
13.358 N ± 23.5km 90.969 W ± 22.6km
DEPTH = 67.9 ± 22.4 km
4.6mb (5 obs.)
NEAR COAST OF GUATEMALA (71)

TPX 1.98 321 iPd 19 24.00 -2.3
iS 19 37.00
SCX 3.72 335 iP 19 53.00 2.3
EVV 6.59 321 (P) 20 31.00 0.2
(S) 21 39.00
IISM 8.32 313 (P) 20 58.00 3.3X
ACX 9.27 293 (P) 21 08.00 0.2
PPM 9.29 309 iP 21 11.50 3.0X
UNM 9.87 308 (P) 21 20.00 3.8X
UYO 20.96 352 iPc 23 32.70 -1.2
MEO 22.42 343 iPd 23 47.80 -0.7
ALO 25.65 330 ePc 24 21.00 1.3
1.0s 12.00nm 4.4mb
PV10 29.64 330 ePd 24 57.50 1.6
EEO 34.66 14 eP 25 40.00 0.8
ULM 37.01 355 eP 25 59.50 0.5
SIV 41.52 134 P 26 42.60 5.7X
YKA 51.88 346 eP 27 55.50 -2.3
0.9s 1.30nm 4.0mb
RES 61.36 359 eP 29 04.00 -1.0
1.0s 4.00nm 4.5mb

TIC 84.57 84 P 31 22.20 0.1
LIC 84.65 85 P 31 22.80 0.3
0.5s 10.50nm 5.1mb
KIC 84.90 85 P 31 23.90 0.1
0.5s 10.00nm 5.1mb
CHG 146.57 343 ePKP 38 31.60 2.6X
HYB 147.72 19 ePKP 38 34.00 3.1X
GBA 150.85 24 PKP 38 25.60 -10.0X
GBA 150.85 24 PKP 38 42.70 7.1X
S.D. = 1.5 on 15 of 23 obs.

% DEC 12, 1992 17h 20m 51.31±1.57s
39.668 N ± 13.7km 28.446 E ± 11.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.6 (ISK).

DST 0.15 114 iPg 20 54.90 0.0
iSg 20 57.90
KCT 0.58 353 iPg 21 02.90 -0.2
iSg 21 08.40
BNT 0.80 330 ePn 21 07.00 0.2
EDC 0.81 327 ePn 21 07.00 0.0
YLV 1.14 38 ePn 21 12.90 0.1
S.D. = 0.2 on 5 of 5 obs.

? DEC 12, 1992 18h 09m 49.60±8.60s
60.346 N ± 23.6km 4.668 E ± 52.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.2 (BER).

EGD 0.29 105 eP 09 55.66 0.1
eS 09 58.59
ASK 0.30 62 eP 09 55.90 0.1
eS 09 57.82
BER 0.33 83 eP 09 56.31 -0.2
eS 09 59.04
HYA 1.11 42 eP 10 10.35 -0.1
eS 10 24.52
NRA0 3.42 80 ePg 10 51.95 8.0X
S.D. = 0.2 on 4 of 5 obs.

% DEC 12, 1992 18h 49m 55.13±0.85s
33.199 N ± 10.4km 132.404 E ± 9.0km
DEPTH = 33.0km (normal)
SHIKOKU, JAPAN (236)

SHNJ 1.42 311 P 50 18.80 0.0
S 50 37.80
TKSJ 1.58 60 P 50 20.60 -0.6
eS 50 44.10
YONJ 2.17 24 P 50 29.80 0.2
eS 51 00.30
KAGJ 2.38 213 eP 50 32.70 0.0
WKYJ 2.85 68 P 50 39.70 0.4
S.D. = 0.5 on 5 of 5 obs.

DEC 12, 1992 19h 19m 18.37±0.27s
8.531 S ± 4.4km 122.145 E ± 5.7km
DEPTH = 33.0km (normal)
5.1mb (27 obs.) 4.7msz (2 obs.)
FLORES REGION, INDONESIA (286)

WSI 2.15 238 iPc 19 52.60 -0.1
iS 20 17.00
KHKI 6.47 271 eP 20 53.40 -0.4
eS 21 18.20
e 26 56.00
PCI 7.92 343 ePc 21 15.70 1.6
e 22 55.00
TRT 9.45 274 iPd 21 38.50 3.2X
KNA 9.66 139 iPd 21 35.50 -2.7
0.5s 116.00nm 6.4mb X
eS 23 22.50
MTN 9.81 117 eP 21 39.00 -1.3
0.3s 321.00nm 7.0mb X
eS 23 30.00
NANU 15.33 204 eP 22 49.00 -5.0X
KKM 15.64 338 ePd 23 05.00 6.8X
WB2 16.38 135 eP 23 03.30 -4.2X
i 23 11.50
eS 23 59.30
BIP 17.14 14 eP 23 18.50 1.4
eS 23 48.50
KLI 17.55 281 eP 23 24.00 1.8
e 23 25.00

12d 19h

MEEK	18.32	190	eP	23	30.00	-1.7
	0.5s	15.00nm			4.4mb	
ASPA	18.80	145	eP	23	36.00	-1.6
	0.8s	140.40nm			5.2mb	
Z	23s	1.30um			4.9msz	
PLP	19.77	8	ePc	23	48.00	-0.8
QIS	20.67	127	iPc	23	58.00	-0.2
MRWA	21.38	195	eP	24	04.70	-0.6
				27	56.00	
KGM	21.50	298	eP	24	07.50	0.9
PGP	21.92	357	eP	24	16.80	6.0X
COOL	22.26	182	eP	24	13.10	-1.0
	0.6s	16.00nm			4.6mb	
BAL	22.54	192	eP	24	17.00	0.1
FORT	22.81	167	iPc	24	20.20	0.6
	0.7s	71.00nm			5.3mb	
KLB	23.31	189	eP	24	24.40	0.0
	0.5s	44.00nm			5.2mb	
MUN	23.97	192	iPd	24	31.00	0.2
	0.6s	61.00nm			5.3mb	
				29	59.00	
PMG	24.72	94	eP	24	39.00	0.8
IPM	24.76	301	ePc	24	39.10	0.5
	0.9s	61.40nm			5.2mb	
CTA	25.99	119	iPc	24	51.50	1.3
	1.0s	32.50nm			4.9mb	
				25	10.00	
RKG	26.34	190	eP	24	54.00	0.8
	0.5s	25.00nm			5.1mb	
STKA	29.44	145	iPd	25	22.00	0.7
				31	08.60	
				37	57.40	
ADE	30.38	152	e(P)	25	30.40	0.7
NNT	30.60	313	eP	25	31.60	-0.1
				45	31.20	
RMO	30.92	129	eP	25	35.70	1.2
	1.0s	32.00nm			5.1mb	
CMS	31.74	139	eP	25	43.10	1.4
	0.9s	18.00nm			4.9mb	
BDT	34.34	318	iPd	26	03.80	-0.5
	1.0s	48.30nm			5.4mb	
BRS	34.50	127	iPd	26	05.80	0.1
	0.5s	17.00nm			5.2mb	
ARMA	35.12	132	eP	26	13.90	2.8X
	1.0s	26.00nm			5.1mb	
BWA	35.31	141	eP	26	15.80	3.2X
CHG	35.52	320	ePd	26	14.30	-0.2
	1.0s	23.25nm			5.1mb	
TOO	35.80	147	iPc	26	19.90	3.2X
	0.8s	39.00nm			5.4mb	
CAN	36.25	141	eP	26	23.60	3.1X
				27	36.80	
CNB	36.47	141	eP	26	25.60	3.2X
GYA	37.89	337	P	26	36.40	1.9
	1.0s	12.00nm			4.7mb	
KMI	38.42	331	Pc	26	41.00	1.9
	2.0s	70.00nm			5.1mb	
Z	26s	1.20um			4.6mszX	
				26	52.00	39kmX
				26	58.50	
				32	34.00	
NJ2	40.48	356	iPc	26	57.00	1.3
CD2	43.00	337	Pc	27	16.40	-0.1
	1.0s	100.00nm			5.5mb	
XAN	44.16	344	P	27	25.00	-0.8
	0.8s	20.00nm			5.0mb	
DZM	44.63	113	iPc	27	32.00	2.1
TIY	46.89	349	eP	27	47.00	-0.6
	25s	0.69um			4.5mszX	
MAT	47.31	18	eP	27	51.00	0.2
	1.0s	22.00nm			5.1mb	
				34	46.00	
LZH	47.61	340	Pd	27	53.50	0.1
	1.5s	73.00nm			5.5mb	
Z	20s	0.50um			4.5msz	
				28	07.00	50kmX
				28	12.00	
LSA	48.31	323	P	27	58.60	-0.7
	20s	1.25um			4.9msz	
				34	56.00	
BJI	48.64	354	eP	28	00.00	-1.1
	1.0s	22.00nm			5.1mb	
GBA	49.53	296	P	28	06.50	-1.8
HHC	50.09	350	eP	28	11.60	-0.8
Z	30s	0.94um			4.6mszX	

BTO	50.15	348	eP	28	11.60	-1.2
HYB	50.20	301	eP	28	10.00	-3.5X
OFUJ	50.72	20	eP	28	17.10	0.0
GTA	52.00	338	P	28	26.50	-0.5
	1.5s	28.00nm			5.0mb	
MDJ	53.32	7	Pc	28	35.40	-1.1
	1.0s	18.00nm			5.0mb	
WMO	60.75	332	P	29	28.00	-1.3
KSH	64.08	322	P	29	51.70	0.0
YAK	70.58	4	eP	30	30.00	-1.9
MAW	70.74	200	iPd	30	34.00	1.1
	1.0s	25.00nm			5.2mb	
MAIO	73.73	312	eP	30	49.00	-2.3
NVL	88.55	198	eP	32	10.00	1.3
	1.8s	59.00nm			5.6mb	
PRY	90.32	243	eP	32	18.00	-0.1
BUL	90.39	250	iPc	32	19.80	1.3
CSS	93.86	305	eP	32	32.50	-1.5
YKA	112.48	25	ePKP	37	49.90	-2.5
	0.6s	0.20nm				
YJA	148.58	166	ePKPd	39	03.00	1.8
NNA	152.22	137	ePKP	39	15.00	8.7X
	0.8s	8.96nm				
CNCB	152.90	158	PKP	39	12.00	4.2X
CCH	152.98	162	ePKP	39	08.00	0.4
LPB	153.11	158	PKP	39	19.00	11.0X
ZOBO	153.33	158	PKP	39	10.60	2.1
	1.0s	25.50nm				
SIV	155.43	173	ePKP	39	15.00	4.4X
				39	42.00	
S.D. = 1.2 on 60 of 75 obs.						
DEC 12, 1992 19h 38m 28.74 ± 0.44s						
33.825 N ± 7.1km 137.112 E ± 5.6km						
DEPTH = 365.9 ± 3.5 km						
4.5mb (18 obs.)						
NEAR S. COAST OF HONSHU, JAPAN (230)						

WKYJ	1.32	288	P	39	18.50	0.5
			S	39	55.70	
IIDJ	1.78	22	iPd	39	20.80	0.3
TSRJ	1.94	332	iP+	39	22.20	0.7
			S	40	02.60	
TKSJ	2.55	274	P	39	26.50	0.6
CHJJ	2.70	34	iPd	39	27.60	0.4
			S	40	13.90	
MTMJ	2.81	11	iPd	39	28.60	0.4
MAT	2.86	18	iPd	39	28.50	0.0
			eS	40	14.00	
YONJ	3.31	295	P	39	33.00	0.5
			S	40	22.90	
KAKJ	3.46	46	iPd	39	32.20	-1.6
NIJJ	3.74	24	iP+	39	36.30	-0.2
YAMJ	4.94	28	P	39	48.40	-0.6
			S	40	49.50	
SHNJ	5.00	275	P	39	50.20	0.7
			S	40	54.90	
KUMJ	5.42	258	P	39	55.30	1.1
KAGJ	5.88	245	P	40	00.20	0.9
OFUJ	6.40	34	iPd	40	04.00	-1.2
			S	41	16.70	
AOMJ	7.21	20	P	40	14.50	0.0
MRRJ	9.13	19	eP	40	36.30	-0.9
			eS	42	17.90	
HOOJ	9.83	28	P	40	45.10	-0.3
			eS	42	30.10	
KUSJ	11.00	30	eP	40	58.60	-1.0
			eS	42	56.70	
ASAJ	11.14	21	eP	41	01.00	-0.2
MDJ	12.25	334	eP	41	13.30	-1.0
	0.7s	30.00nm			4.8mb	
SNY	13.34	311	Pd	41	26.50	-0.5
CN2	13.47	321	eP	41	29.00	0.5
	1.2s	17.00nm			4.4mb	
NJ2	15.43	268	iPc	41	48.60	-1.0
	1.2s	56.00nm			4.8mb	
TIA	16.55	284	eP	42	00.00	-1.2
BJI	17.83	296	eP	42	19.00	4.8X
WHN	19.54	267	iPc	42	32.00	0.9
	0.5s	110.00nm			5.5mb	
TIY	20.38	288	eP	42	40.20	0.9
BTO	22.56	295	eP	43	00.40	0.2
XAN	23.37	278	P	43	06.70	-0.9
GYA	27.27	263	P	43	42.00	-1.0
	1.2s	35.00nm			4.6mb	
CD2	28.25	273	Pd	43	50.00	-1.5
	0.4s	30.00nm			5.0mb	

WMO	39.26	300	P	45	25.00	0.3
	1.5s	8.00nm			3.8mb	
IPM	44.39	237	ePd	46	06.50	0.4
	0.5s	18.00nm			4.6mb	
MTN	46.76	188	eP	46	23.00	-1.4
				47	47.00	
				49	12.00	
WB2	53.53	183	iPc	47	14.00	-1.1
	0.3s	19.10nm			4.9mb	
FBA	53.67	31	eP	47	17.80	2.2
HYB	54.59	268	ePd	47	21.70	-1.2
	1.0s	25.00nm			4.5mb	
ASPA	57.25	184	eP	47	36.40	-4.9X
	0.4s	7.20nm			4.5mb	
				47	40.20	
GBA	57.44	265	P	47	42.20	-0.6
YKA	68.32	28	eP	48	53.00	0.2

VLZ 1.82 108 eP 27 54.28 -1.9
 REF 1.84 229 eP 27 55.89 -0.8
 NCT 1.88 233 eP 27 56.58 -0.6
 RSO 1.88 229 eP 27 56.43 -0.8
 RS2 1.88 229 eP 27 56.66 -0.6
 RS1 1.88 229 eP 27 56.36 -0.9
 RDW 1.88 230 eP 27 57.03 -0.3
 RED 1.92 228 eP 27 57.29 -0.4
 KLU 1.92 95 iP 27 56.21 -1.5
 FID 1.92 119 eP 27 55.19 -2.5
 MTU 2.06 147 P 27 57.20 -2.5
 HIN 2.12 127 eP 27 58.22 -2.4
 TZL 2.14 79 eP 27 59.91 -0.9
 SDG 2.20 67 eP 28 00.88 -0.8
 ILIM 2.23 223 eP 28 01.79 -0.3
 CVA 2.34 119 eP 28 00.92 -2.7
 PAX 2.42 57 eP 28 03.62 -1.2
 RAGM 2.88 116 eP 28 12.01 0.7
 GLB 2.93 93 eP 28 10.15 -1.9
 HDA 3.01 25 eP 28 13.73 0.6
 CCB 3.08 17 eP 28 13.19 -1.0
 TTA 3.10 296 eP 28 12.36 -2.1
 FBA 3.32 16 eP 28 16.16 -1.4
 MLY 3.34 354 eP 28 16.23 -1.6
 CROM 3.41 104 eP 28 19.47 0.5
 BALM 3.70 97 eP 28 20.24 -2.9
 CTGM 4.20 97 eP 28 29.13 -1.0

58 obs. associated

% DEC 12, 1992 21h 18m 10.19 ± 0.61s
 39.306 N ± 5.6km 29.277 E ± 5.5km
 DEPTH = 5.0km (geophysicist)

TURKEY (366)
 MD 2.9 (ISK).

DST 0.58 301 iPg 18 21.20 -0.7
 ALT 0.69 111 ePg 18 23.80 -0.3
 KHL 1.00 169 iPg 18 29.90 0.2
 YLV 1.26 3 iPn 18 34.30 0.2
 GPA 1.26 39 ePn 18 34.00 -0.1
 EYL 1.43 28 ePn 18 37.00 0.1
 BNT 1.48 316 ePn 18 38.00 0.5
 EDC 1.50 314 ePn 18 38.00 0.2

S.D. = 0.4 on 8 of 8 obs.

* DEC 12, 1992 21h 20m 35.39 ± 0.48s
 8.335 S ± 11.2km 122.396 E ± 13.3km
 DEPTH = 33.0km (normal)
 4.7mb (9 obs.)

FLORES REGION, INDONESIA (286)

KNA 9.65 140 eP 22 53.00 -2.1
 0.6s 65.00nm 6.0mb X
 MTN 9.68 118 eP 22 54.40 -1.2
 0.4s 146.00nm 6.6mb X
 TRT 9.69 273 ePd 22 59.80 4.2X
 WB2 16.34 136 eP 24 19.30 -4.8X
 ASPA 18.81 145 eP 24 53.50 -1.4
 0.5s 67.00nm 5.1mb
 Z 22s 0.60um 8.8mszX
 OIS 20.60 128 eP 25 14.00 -0.5
 0.4s 6.00nm 4.3mb
 MRWA 21.63 195 eP 25 24.60 -0.2
 0.5s 13.00nm 4.6mb
 BAL 22.79 193 eP 25 36.00 -0.3
 FORT 22.95 167 eP 25 38.50 0.6
 IPM 24.88 300 ePc 25 58.50 1.8
 STKA 29.45 145 iPc 26 37.80 -0.7
 RMO 30.85 129 eP 26 52.80 1.9
 CMS 31.73 140 eP 26 58.80 0.2
 BWA 35.30 141 iPd 27 32.70 3.2X
 TOO 35.83 148 eP 27 35.50 1.5
 0.8s 27.00nm 5.2mb
 CAN 36.25 142 eP 27 39.40 1.9
 CNB 36.47 141 eP 27 41.30 1.9
 CD2 42.92 336 eP 28 32.20 -0.7
 LZH 47.51 340 eP 29 03.50 -6.1X

LSA 2.0s 24.00nm 4.9mb
 48.31 323 P 29 17.80 1.5
 0.5s 3.00nm 4.6mb
 GBA 49.67 296 P 29 24.50 -1.9
 HYB 50.31 301 eP 29 29.00 -2.4
 GTA 51.92 338 eP 29 44.00 0.7
 1.5s 11.00nm 4.6mb
 WMO 60.69 332 P 30 46.00 0.1
 1.5s 8.00nm 4.6mb
 KSH 64.08 321 P 31 09.00 0.3
 YAK 70.37 4 eP 31 47.40 -0.3
 1.0s 30.00nm 5.3mb
 YKA 112.20 25 ePKP 39 07.00 -1.9
 0.9s 0.50nm
 CNCB 152.99 158 PKP 40 35.10 10.1X
 LPB 153.20 157 ePKP 40 33.00 7.9X
 ZOBO 153.41 157 ePKP 40 27.00 1.3
 S.D. = 1.4 on 24 of 30 obs.

DEC 12, 1992 21h 40m 37.91 ± 0.68s
 24.675 N ± 6.0km 122.648 E ± 9.0km
 DEPTH = 106.1 ± 6.7 km
 4.4mb (13 obs.)
 TAIWAN REGION (243)

TWC 0.73 265 iPc 40 56.30 -0.1
 eS 41 08.80
 TWZ 1.06 294 iPc 41 00.30 0.6
 TWD 1.13 239 iPc 40 59.80 -0.6
 eS 41 15.60
 TWO 1.70 257 iPc 41 01.80 -5.6X
 TWK 2.42 235 ePd 41 17.40 0.6
 QZH 3.70 275 iPc 41 33.00 -1.0
 SSE 6.53 349 Pc 42 13.00 0.1
 0.7s 51.00nm 5.0mb
 CVP 6.98 186 eP 42 20.00 0.9
 NJ2 8.07 336 iPc 42 34.00 0.0
 0.8s 27.00nm 4.9mb
 HKC 8.13 255 eP 42 37.60 2.8X
 GYA 14.54 280 P 44 03.60 3.8X
 SNY 17.12 2 eP 44 32.20 0.3
 MAT 17.84 45 (P) 44 40.00 -0.8
 HHC 18.60 333 Pd 44 50.60 0.8
 1.0s 7.00nm 3.9mb
 BTO 19.08 329 eP 44 54.70 -0.1
 CN2 19.22 6 eP 44 50.60 -5.5X
 0.8s 14.00nm 4.3mb
 Z 20s 0.91um 4.0mszX
 LZH 19.77 309 eP 45 02.00 -0.2
 1.5s 19.00nm 4.2mb
 CHG 22.76 260 eP 45 32.90 1.0
 KLI 34.08 213 eP 47 13.60 -0.7
 e 14 50.00
 YAK 37.63 5 eP 47 42.00 -1.7
 FBA 67.76 27 eP 51 26.00 0.2
 0.7s 2.62nm 4.3mb
 KLU 69.31 31 (P) 51 35.25 -0.2
 HFS 77.79 331 eP 52 25.50 0.9
 0.5s 0.70nm 3.7mb
 NAO 78.68 332 P 52 27.70 -1.8
 0.8s 3.10nm 4.2mb
 THZ 80.81 144 P 52 47.70 6.5X
 0.7s 37.00nm 5.3mb
 LTZ 81.20 145 P 52 47.30 4.2X
 0.6s 30.00nm 5.3mb
 KHZ 81.61 144 P 52 52.10 6.9X
 0.9s 195.00nm 5.9mb X
 YKA 82.00 23 eP 52 45.20 -1.8
 0.5s 1.10nm 3.9mb
 ODZ 82.02 148 P 52 45.20 -2.1
 GEC2 83.31 321 P 52 54.10 -0.1
 0.6s 0.62nm 3.7mb
 e 57 09.40
 GMW 87.18 38 eP 53 14.75 1.4
 LON 88.18 38 eP 53 18.60 0.4
 VGB 89.48 39 eP 53 25.66 1.3
 DPW 89.51 36 eP 53 25.30 0.8
 NEW 89.84 35 eP 53 27.29 1.3
 0.9s 16.23nm 5.1mb
 SES 91.48 31 eP 53 34.00 0.5
 S.D. = 1.0 on 29 of 36 obs.

DEC 12, 1992 21h 43m 10.00 ± 0.19s
 8.483 S ± 3.9km 121.964 E ± 5.1km
 DEPTH = 22.6km (9 depth phases)
 5.4mb (55 obs.) 4.8msz (15 obs.)
 FLORES REGION, INDONESIA (286)

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 23S, 42C
 Centroid Location:
 Origin Time 21:43:14.8 0.7
 Lat 8.51S FIX; Lon 121.99E FIX
 Dep 27.0 FIX Half-duration 1.5
 Moment Tensor; Scale 10**17 Nm
 Mrr= 1.44 0.11 Mtt=-1.48 0.11
 Mff= 0.04 0.19 Mrt= 0.30 0.44
 Mrf= 0.60 0.26 Mtf=-0.34 0.11
 Principal Axes:
 T Vol= 1.67 Plg=70 Azm=279
 N -0.06 18 73
 P -1.61 8 165
 Best Double Couple: Mo=1.6*10**17
 NP1: Strike=276 Dip=40 Slip=119
 NP2: 60 56 68

WSI 2.03 234 i(P) 43 44.00 0.6
 iS 44 10.00
 KHKI 6.29 271 eP 44 43.00 -0.8
 eS 45 12.30
 PCI 7.82 344 ePd 45 10.50 5.2X
 e 47 41.50
 TRT 9.27 274 ePd 45 26.70 1.3
 0.7s 6.50nm 5.0mb
 KNA 9.82 138 iPd 45 30.80 -2.1
 0.5s 244.00nm 6.8mb X
 eS 47 17.00
 MTN 10.00 116 eP 45 34.40 -1.0
 eS 47 25.00
 TSM 13.33 342 eP 46 23.00 2.5
 NANU 15.30 203 iPc 46 41.30 -5.1X
 eS 49 20.00
 KKM 15.53 338 ePc 46 57.90 8.5X
 1.2s 169.10nm 5.2mb
 WB2 16.54 135 eP 46 57.80 -4.5X
 0.6s 91.40nm 5.1mb
 eS 49 54.40
 MEEK 18.33 190 eP 47 21.70 -3.0
 0.7s 163.00nm 5.3mb
 eS 50 32.00
 ASPA 18.94 144 eP 47 30.30 -1.8
 0.8s 694.70nm 5.9mb
 Z 24s 2.80um 4.9msz
 iS 50 50.40
 PLP 19.75 9 ePd 47 48.50 7.0X
 OIS 20.85 127 iPc 47 53.00 0.1
 0.5s 43.00nm 5.1mb
 e 51 37.00
 MRWA 21.38 194 iPd 47 57.50 -0.7
 eS 51 44.00
 PGP 21.86 357 iPc 48 09.00 5.8X
 COOL 22.30 182 iPc 48 06.30 -1.2
 TGY 22.46 357 eP 48 14.50 5.4X
 BAL 22.55 192 iPc 48 09.50 -0.5
 FORT 22.90 166 iPc 48 13.30 -0.1
 1.0s 158.00nm 5.5mb
 QVP 22.98 358 eP 48 19.00 4.8X
 KLM 23.30 299 eP 48 12.00 -5.4X
 KLB 23.32 189 eP 48 17.30 -0.2
 0.5s 22.00nm 4.9mb
 MDG 23.86 84 eP 48 23.30 0.5
 MUN 23.98 192 iPc 48 23.50 -0.4
 Z 20s 2.90um 4.8msz
 eS 52 43.00
 e 55 46.00
 IPM 24.58 301 ePd 48 30.00 0.1
 0.9s 139.70nm 5.6mb
 PMG 24.90 94 eP 48 32.00 -0.9
 CTA 26.17 119 iPc 48 46.00 1.2
 1.0s 62.50nm 5.2mb
 i 48 52.00 21km
 i 49 05.00
 iS 53 15.00
 RKG 26.36 189 eP 48 46.50 0.1
 SNG 26.36 306 eP 48 48.60 2.1
 eS 53 43.90
 STKA 29.58 145 iPc 49 15.80 0.2
 eP 49 20.40 16km
 e 52 18.90
 eS 54 59.40
 STK 29.58 145 P 49 16.39 0.8
 OIZ 29.84 336 Pc 49 17.00 -1.0
 1.0s 70.00nm 5.4mb
 N 14s 1.31um

SDN	89.90	34 P	56	20.00	11.6X
Z	20s	1.59um			5.4Msz
PRY	90.18	243 iPd	56	11.00	0.3
BUL	90.24	250 iPd	56	11.50	0.5
	1.1s	34.81nm			5.5mb
KSR	90.87	244 iPc	56	14.00	0.2
SVW	93.71	29 eP	56	26.45	0.5
	1.1s	36.60nm			5.7mb
TTA	93.87	27 ePc	56	25.82	-0.9
	1.3s	19.32nm			5.4mb
BGL	95.28	29 eP	56	31.74	-1.5
IMA	95.40	24 eP	56	33.51	-0.3
	1.3s	20.66nm			5.4mb
CER	95.82	235 eP	56	38.50	2.2
	1.0s	40.00nm			5.8mb
POF	96.21	239 eP	56	40.00	1.9
PMR	96.87	29 eP	56	39.56	-0.7
	0.7s	8.93nm			5.4mb
Z	20s	0.25um			4.7Msz
FBA	97.72	25 (P)	56	43.40	-0.7
	1.3s	15.09nm			5.4mb
YKA	112.51	25 ePKP	01	43.30	-2.4
	0.9s	1.70nm			
SES	119.58	36 ePKP	01	58.00	-1.7
TPNV	120.34	52 ePdiff	58	25.91	0.0
LRM	120.48	41 ePKP	02	00.20	-1.7
DUG	122.09	48 ePKP	02	04.09	-0.9
MSU	123.06	49 ePKP	02	06.88	-0.1
BW06	123.53	44 ePKP	02	06.29	-1.5
SRU	124.10	48 ePKP	02	08.00	-1.0
PV09	125.33	48 ePKP	02	11.15	-0.4
PV10	125.44	49 ePKP	02	11.15	-0.5
PV08	125.66	48 ePKP	02	11.15	-1.1
TUC	125.80	56 PKP	02	20.00	7.7X
Z	19s	0.17um			4.7Msz
RSSD	126.62	40 ePKP	02	12.04	-1.7
Z	19s	0.17um			4.7Msz
KIC	127.14	272 PKP	02	13.60	-1.7
LIC	127.41	271 PKP	02	13.90	-1.9
TIC	127.44	272 PKP	02	14.30	-1.6
ULM	127.87	30 ePKP	02	17.50	1.9
MDZ	137.59	166 ePKP	02	26.80	-7.9X
TCA	139.91	171 ePKP	02	30.80	-8.2X
RSNY	141.32	19 PKP	02	50.00	9.0X
Z	19s	0.22um			4.9Msz
FSA	144.78	168 iPKPc	02	48.70	1.2
BLA	144.93	32 ePKP	02	45.03	-2.5
ANT	145.80	160 ePKP	02	50.50	1.2
PRM	146.08	38 ePKP	02	49.45	0.0
BMA	146.16	203 ePKP	02	51.70	1.7
		e	02	57.00	
SLA	146.20	168 ePKPd	02	51.60	1.4
JSC	146.61	36 ePKP	02	47.49	-2.8
LHS	146.73	36 ePKP	02	50.53	0.0
VAO	146.89	199 ePKP	02	52.80	1.6
		e	02	54.20	
SGS	147.81	37 ePKP	02	52.08	-0.2
HBf	148.07	37 ePKP	02	50.66	-2.0
ARE	151.87	152 ePKP	03	08.00	8.7X
CNCB	153.01	159 iPKPc	03	03.10	1.9
CCH	153.08	163 (PKP)	03	02.00	1.0
		i	03	10.50	
LPB	153.23	158 ePKP	03	02.00	0.6
ZOBO	153.44	158 iPKPc	03	03.00	1.1
	1.5s	311.83nm			
Z	24s	0.24um			4.9MszX
		LR	57	32.00	
BAO	154.05	203 e(PKP)	03	02.00	-0.2
		e	03	11.10	
		e	03	25.00	
		e	03	33.10	
S.D. = 1.3 on 129 of 156 obs.					
* DEC 12, 1992 21h 57m 26.87±0.45s					
8.077 S ±10.1km 122.747 E ±16.5km					

	0.9s	52.00nm	4.7mb	TNE	10.24	28 ePc	26 18.30	1.3			pP	31 24.50	47kmX
QIS	20.48	129 iPd	02 08.10	TSM	13.37	339 eP	27 00.50	1.2			eS	37 10.00	
	0.2s	4.00nm	4.4mb	DAV	15.60	11 eP	27 30.40	1.9	SSE	39.21	358 eP	31 04.00	-12.7X
MRWA	21.97	196 eP	02 22.00	KKM	15.60	336 ePc	27 32.50	3.8X	Z	20s	0.90um	37 20.00	4.6Msz
STKA	29.47	146 iPd	03 32.00		1.6s	353.10nm		5.3mb			S	31 20.00	
		eS	09 17.50	NANU	15.69	205 iPd	27 27.20	-2.5	WHN	39.43	349 Pd	31 20.00	1.5
RMQ	30.74	130 iPd	03 44.10			eS	30 14.00			1.5s	140.00nm		5.5mb
	0.6s	20.00nm	5.1mb	CGP	16.80	7 ePd	27 46.00	2.1			S	37 24.00	
CMS	31.70	140 eP	03 52.50	BIP	16.84	13 ePd	27 45.00	0.6	NJ2	40.30	355 iPd	31 27.00	1.4
CHG	35.57	319 eP	04 25.80	KLI	17.91	280 eP	27 58.00	0.3		0.8s	23.00nm		4.9mb
CNB	36.46	142 eP	04 34.50			e	28 30.00		CD2	42.96	336 Pd	31 47.60	-0.1
WHN	39.24	349 eP	04 56.50	PPR	18.37	348 iPc	28 05.00	1.5		1.0s	120.00nm		5.6mb
NJ2	40.07	355 iPc	05 04.00	MEEK	18.60	191 eP	28 05.00	-1.3	XAN	44.06	344 iPd	31 56.00	-0.5
	1.0s	23.00nm	4.8mb		0.7s	105.00nm		5.1mb		1.0s	39.00nm		5.2mb
CD2	42.83	336 eP	05 25.00	ASPA	18.74	146 P	31 22.00		Z	25s	0.99um		4.6MszX
XAN	43.89	343 P	05 33.00	PLP	19.50	7 ePc	28 06.69	-1.3	N	11s	0.47um		
TIY	46.56	349 eP	05 54.60	QIS	20.49	128 iPc	28 19.00	1.8			S	38 24.00	
LZH	47.39	339 eP	06 02.00		0.3s	39.00nm	28 27.00	-0.6	DZM	44.34	113 iPc	32 05.00	5.9X
	1.5s	19.00nm	4.9mb	MRWA	21.69	196 eP	28 39.50	-0.2	TIA	44.58	354 eP	32 00.00	-0.6
BJI	48.26	353 eP	06 08.50	KGM	21.75	297 eP	28 42.00	1.5	SHL	45.00	319 iP	32 03.00	-1.4
	1.0s	11.00nm	4.9mb	TGY	22.33	356 ePd	28 46.50	0.3		1.0s	125.00nm		5.8mb
HHC	49.76	349 P	06 19.00	COOL	22.49	183 iPc	28 47.40	-0.3	TIY	46.76	349 eP	32 16.80	-1.2
Z	26s	0.99um	4.7MszX	BAL	22.84	193 iPc	28 51.50	0.4		Z	25s	0.83um	4.6MszX
GBA	49.87	295 P	06 19.00		0.8s	167.00nm		5.6mb	N	15s	0.46um		
MDJ	52.81	6 eP	06 41.30	QVP	22.84	356 eP	28 54.00	2.8X	CHJJ	46.77	18 eP	32 18.10	0.1
	1.0s	18.00nm	5.0mb	QCP	22.85	356 eP	28 50.00	-1.3	MTMJ	46.91	17 eP	32 17.60	-1.6
WMQ	60.63	332 P	07 39.50	FORT	22.93	168 iPd	28 52.30	0.3	MAT	46.98	17 eP	32 18.00	-1.7
	1.0s	7.00nm	4.7mb	MUN	24.27	193 iPc	29 05.50	0.5		1.0s	28.00nm		5.3mb
Z	16s	0.57um	4.8MszX	PMG	24.34	94 eP	29 05.00	-0.8			eS	39 13.00	
KSH	64.10	321 P	07 45.00	BAG	24.65	355 eP	29 09.00	0.0	LZH	47.55	339 Pd	32 24.50	0.1
YKA	111.82	25 ePKP	15 55.50	BCP	24.65	356 eP	29 10.00	1.2		1.5s	67.00nm		5.5mb
	1.1s	0.90nm		IPM	25.00	350 ePd	29 14.80	2.5	Z	25s	0.81um		4.6MszX
CNCB	153.09	157 ePKP	17 20.00		1.0s	69.30nm		5.3mb	N	10s	0.28um		
ZOBO	153.51	156 ePKP	17 18.00	CTA	25.74	120 iPc	29 20.50	1.3			pP	32 30.00	18km
S.D. = 1.3 on 24 of 26 obs.					1.0s	47.50nm		5.1mb			sP	32 33.50	
						i	29 26.00	20km			ePP	34 17.50	
						i	29 40.00				eS	39 15.00	
? DEC 12, 1992 22h 15m 24.21±0.91s				RKG	26.62	190 eP	29 27.00	-0.1	LSA	48.39	323 iPd	32 32.00	0.6
8.816 S ±16.0km 118.244 E ±12.5km				SNG	26.74	305 eP	29 29.10	0.7		0.6s	25.00nm		5.4mb
DEPTH = 33.0km (normal)				STKA	29.38	146 iPc	29 52.60	0.4	Z	26s	1.25um		4.8MszX
4.8mb (4 obs.)						eS	35 34.50				eS	39 31.00	
SUMBAWA REGION, INDONESIA (285)				QIZ	29.92	335 eP	29 55.50	-1.7	BJI	48.47	353 eP	32 30.50	-0.7
				N	15s	0.92um				1.5s	86.00nm		5.6mb
KHKI	2.65	280 eP	16 05.20	ADE	30.38	153 eP	30 01.80	0.6	KOD	48.52	291 eP	32 31.20	-1.2
		e	20 51.30	RMQ	30.74	129 eP	30 05.70	1.4	YAMJ	49.04	18 eP	32 40.10	4.4X
TRT	5.66	281 ePd	16 48.60		0.6s	64.00nm		5.6mb	GBA	49.80	296 P	32 39.00	-2.9
WB2	19.11	127 eP	19 48.80			i	30 11.80	21km	SNY	49.91	1 Pc	32 47.00	4.8X
	0.3s	9.90nm	4.5mb			i	30 40.10		BTO	50.03	348 eP	32 41.40	-2.0
		i	19 53.50	NNT	30.75	312 ePd	30 05.00	0.5	OFUJ	50.39	19 eP	32 45.90	-0.1
		eS	23 20.30			e	47 44.00		HYB	50.44	301 eP	32 44.40	-2.4
ASPA	21.04	136 eP	20 06.30	CMS	31.64	140 iPc	30 12.90	0.7	GTA	51.96	338 P	32 58.00	-0.1
	0.6s	3.40nm	3.9mb		0.5s	25.00nm		5.4mb		1.5s	28.00nm		5.0mb
		i	20 11.90	NST	32.58	317 eP	30 27.00	6.5X	Z	20s	0.58um		4.6Msz
		eS	24 06.30	LOE	32.81	321 eP	30 22.90	0.4	MDJ	53.07	6 eP	33 04.50	-1.6
STKA	31.57	140 eP	21 48.70	BRS	34.30	127 iPc	30 35.50	0.0		1.0s	37.00nm		5.3mb
NJ2	40.64	1 iPc	23 04.40		1.0s	13.00nm		4.8mb	POO	54.95	299 iPc	33 11.90	-8.6X
XAN	43.53	349 P	23 37.50	BDT	34.45	318 iPd	30 37.00	0.3	TUZ	55.03	141 eP	33 21.10	0.5
TIY	46.60	354 eP	23 52.80		1.0s	113.20nm		5.7mb	THZ	55.41	136 P	33 23.60	0.1
SNY	50.63	5 eP	24 19.40	ARMA	34.96	133 iPd	30 43.70	2.5	DIW	55.77	134 eP	33 27.00	0.9
	1.0s	30.00nm	5.2mb		0.9s	42.00nm		5.4mb	TCW	56.16	135 P	33 28.90	0.1
CN2	52.77	7 eP	24 37.50	BWA	35.22	141 iPc	30 46.00	2.8X	NDI	57.14	312 eP	33 32.00	-4.0X
MDJ	54.16	10 eP	24 48.60			iPp	30 52.20	21km	WMQ	60.75	332 P	34 00.00	-0.8
	1.0s	18.00nm	5.1mb			ePP	32 04.30			1.3s	91.00nm		5.7mb
YKA	114.33	24 ePKP	34 05.80	CHG	35.62	319 ePd	30 47.10	0.3	Z	26s	0.59um		4.6MszX
	0.7s	0.40nm			1.2s	109.38nm		5.6mb			S	42 16.50	
S.D. = 1.7 on 9 of 12 obs.				TOO	35.77	148 iPc	30 49.80	2.0			ScS	43 48.00	
					0.4s	60.00nm		5.9mb	ZAK	60.81	346 iPc	34 00.00	-1.0
DEC 12, 1992 22h 23m 48.16±0.22s				CAN	36.17	142 eP	30 52.90	1.6		1.3s	55.00nm		5.5mb
8.318 S ± 3.6km 122.550 E ± 5.0km						iPp	30 58.80	20km	IRK	62.34	347 ePc	34 10.50	-0.9
DEPTH = 20.8km (6 depth phases)						iPP	32 15.50				e	34 25.20	53kmX
5.4mb (37 obs.)				CNB	36.39	142 iPd	30 54.70	1.6			e	34 47.00	
FLORES REGION, INDONESIA (286)					0.5s	49.00nm		5.6mb	MOY	62.58	345 iPd	34 12.30	-0.6
WSI	2.61	239 ePc	24 31.80	RIV	36.60	138 eP	30 48.80	-6.0X		1.2s	680.00nm		6.7mb X
		eS	25 01.60	GYA	37.85	336 iPd	31 05.60	0.0	KSH	64.17	321 P	34 23.80	0.0
KHKI	6.87	269 eP	25 31.00		1.2s	43.00nm		5.1mb		0.8s	50.00nm		5.7mb
		e(S)	27 03.00	Z	20s	0.94um		4.6Msz	PRZ	64.62	325 eP	34 28.00	1.3
PCI	7.84	340 ePd	25 48.50	N	15s	1.07um				1.0s	120.00nm		6.0mb
		e	28 17.50	E	15s	0.52um			QUE	65.66	308 eP	34 33.70	0.0
MTN	9.56	119 eP	26 06.00			pP	31 13.00	25km	FRU	67.02	324 eP	34 41.50	-0.5
		eS	27 50.00			S	37 00.00			2.0s	50.00nm		5.3mb
KNA	9.56	141 eP	26 05.00	KMI	38.43	330 Pd	31 12.00	1.4	ELT	68.62	338 iPd	34 49.80	-1.9
	0.5s	523.00nm	7.1mb X		1.5s	60.00nm		5.1mb		1.0s	110.00nm		6.0mb
		eS	27 52.00	Z	16s	2.40um		5.1MszX			eS	43 52.00	
		ePc	26 13.40	N	13s	0.60um			MAW	71.08	200 P	35 07.90	1.4
TRT	9.84	273 ePc	26 13.40	E	13s	0.60um			MGD	71.80	14 eP	35 11.00	0.1

12d 22h

MAIO 73.89 311 eP 35 22.00 -1.8
 ASH 75.38 313 eP 35 31.50 -0.7
 BRVK 75.46 330 iPd 35 31.00 -1.4
 1.1s 28.00nm 5.2mb
 Z 22s 0.39um 4.7msz
 N 20s 0.29um
 E 20s 0.28um

TIK 79.89 2 iPd 35 56.00 -0.4
 1.4s 154.00nm 5.8mb
 e 36 07.00 36kmX
 ePPP 40 52.00
 eS 45 53.00
 e 46 08.00
 ePS 46 40.00

NRI 81.12 348 iPd 36 01.30 -1.7
 1.5s 61.00nm 5.4mb
 e 36 19.00 64kmX
 e 36 08.00 -0.7
 ARU 82.98 330 eP 36 12.00 -0.9
 NVL 88.88 198 eP 36 42.00 0.1
 PRY 90.77 243 e(P) 36 49.00 -2.8
 IMA 95.01 24 (P) 37 10.60 0.2
 1.0s 4.25nm 4.8mb

YKA 112.12 25 ePKP 42 23.80 0.4
 0.7s 0.40nm
 EMUT 123.13 48 (PKP) 42 42.30 -3.2X
 PV09 124.79 49 (PKP) 42 46.80 -2.1
 PV10 124.90 49 ePKP 42 48.62 -0.4
 RSSD 126.12 40 ePKP 42 50.84 -0.4
 LIC 127.99 271 PKP 42 57.60 2.3
 NAV 144.21 33 ePKP 43 21.96 -2.7
 FSA 144.81 167 iPKPc 43 26.10 0.2
 PRM 145.60 38 ePKP 43 26.84 -0.3
 CEH 146.18 33 ePKP 43 27.71 -0.3
 SLA 146.23 167 iPKPc 43 30.80 2.1
 BMA 146.54 203 ePKP 43 29.20 0.2
 VAO 147.23 198 ePKP 43 33.80 3.6X
 HJA 147.71 166 ePKPc 43 36.50 5.7X
 YJA 148.69 166 ePKPc 43 38.50 5.5X
 ARE 151.73 151 ePKP 43 48.00 10.5X
 CNCB 152.95 157 PKP 43 41.80 2.2
 CCH 153.06 161 ePKP 43 43.00 3.6X
 LPB 153.16 157 PKP 43 47.00 7.3X
 ZO80 153.36 157 PKP 43 41.30 1.1
 1.0s 27.50nm

BAO 154.42 202 e(PKP) 43 42.00 0.9
 e 43 54.50
 e 44 04.50
 e 44 20.90

S.D. = 1.3 on 107 of 126 obs.

? DEC 12, 1992 22h 36m 44.94 ± 0.46s
 8.069 S ± 8.7km 123.053 E ± 11.5km
 DEPTH = 33.0km (normol)
 4.5mb (2 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.25 122 eP 38 58.00 -1.2
 WB2 16.10 138 eP 40 26.60 -3.9X
 eS 43 23.60
 QIS 20.25 130 eP 41 21.00 0.5
 0.5s 5.00nm 4.1mb

MRWA 22.06 197 eP 41 38.40 -0.3
 BAL 23.20 194 eP 41 50.00 0.1
 IPM 25.31 299 ePc 42 10.90 0.5
 STKA 29.31 146 eP 42 47.80 1.1
 CHG 35.76 319 eP 43 42.90 -0.2
 CD2 42.94 335 eP 44 43.40 0.8
 XAN 43.97 343 P 44 50.50 -0.4
 TIY 46.61 348 eP 45 11.20 -0.7
 LZH 47.49 339 eP 45 20.00 0.9
 1.5s 16.00nm 4.8mb

BJI 48.29 353 eP 45 29.00 30kmX
 e 45 24.50 -0.4
 GBA 50.15 295 P 45 37.50 -2.1
 WMO 60.77 331 eP 46 56.00 0.0
 KSH 64.29 321 P 47 21.00 1.4
 CNCB 152.98 156 PKP 56 46.00 11.5X
 LPB 153.18 156 ePKP 56 41.00 6.4X
 ZO80 153.39 155 ePKP 56 47.00 11.8X

S.D. = 1.0 on 15 of 19 obs.

DEC 12, 1992 22h 41m 34.49 ± 0.31s
 8.152 S ± 5.1km 122.714 E ± 6.2km
 DEPTH = 33.0km (normol)
 5.0mb (19 obs.)

FLORES REGION, INDONESIA (286)

WSI 2.83 237 i(P) 42 18.70 0.3
 iS 43 05.00
 KHKI 7.04 268 eP 43 18.00 0.1
 e(S) 44 35.20

PCI 7.75 338 ePc 43 30.00 2.1
 e 44 43.00
 MTN 9.50 120 eP 43 50.20 -1.9
 KNA 9.59 142 eP 43 51.00 -2.4
 eS 45 39.00

TRT 9.99 272 ePd 43 59.90 1.0
 WB2 16.26 137 iPc 45 17.50 -4.7X
 eS 48 13.90
 KLI 18.04 279 eP 45 45.00 0.6
 e 45 47.00

ASPA 18.79 146 eP 45 51.60 -2.1
 1.2s 93.80nm 4.9mb
 Z 19s 0.10um 4.6mszX
 eS 49 13.30

MEEK 18.79 191 eP 45 53.00 -0.7
 0.7s 41.00nm 4.7mb
 eS 49 11.00
 KGM 21.82 297 eP 46 27.50 1.5
 MRWA 21.89 196 eP 46 25.60 -1.0
 COOL 22.66 184 eP 46 33.00 -1.3

FORT 23.06 168 iPd 46 38.00 -0.1
 KLB 23.78 191 eP 46 45.00 0.0
 PMG 24.19 95 eP 46 44.00 -5.2X
 MUN 24.47 193 eP 46 51.80 0.1
 e 51 25.00

IPM 25.06 300 ePc 46 57.30 -0.3
 1.0s 37.40nm 4.9mb
 CTA 25.68 120 iPc 47 05.00 1.6
 1.0s 20.00nm 4.7mb

SNG 26.78 304 eP 47 14.00 0.5
 RMO 30.72 130 iPc 47 49.80 0.9
 0.5s 16.00nm 5.1mb
 CMS 31.67 140 eP 47 57.80 0.7
 NST 32.57 317 eP 48 11.00 5.9X
 BDT 34.44 317 eP 48 20.00 -1.3

1.1s 33.30nm 5.2mb
 ARMA 34.96 133 eP 48 28.50 2.6
 BWA 35.25 142 iPc 48 31.10 2.9X
 CHG 35.60 319 eP 48 32.50 1.2
 TOO 35.82 148 iPd 48 35.30 2.3
 1.0s 39.00nm 5.3mb

CAN 36.20 142 eP 48 37.70 1.5
 i 48 43.30
 CNB 36.42 142 iPc 48 40.00 1.9
 0.5s 14.00nm 5.1mb
 GYA 37.77 336 iPd 48 49.60 0.1
 1.0s 9.60nm 4.6mb

KMI 38.37 330 Pd 48 55.50 0.7
 1.5s 20.00nm 4.7mb
 pP 49 07.00 42kmX
 SSE 39.05 358 P 49 00.40 0.4
 1.4s 22.00nm 4.7mb

WHN 39.30 349 Pc 49 04.00 1.8
 1.5s 140.00nm 5.5mb
 NJ2 40.15 355 iPc 49 10.00 0.9
 CD2 42.88 336 eP 49 31.00 -0.7
 1.0s 44.00nm 5.1mb

XAN 43.95 343 P 49 39.00 -1.3
 DZM 44.26 113 iPc 49 44.10 1.1
 TIY 46.63 349 eP 50 01.80 0.2
 MAT 46.78 17 eP 50 02.00 -0.7
 0.7s 9.59nm 4.9mb

LZH 47.45 339 eP 50 07.50 -0.8
 2.0s 41.00nm 5.1mb
 sP 50 21.00
 BJI 48.33 353 eP 50 14.00 -0.8
 1.5s 29.00nm 5.1mb

LSA 48.35 322 P 50 15.60 -0.2
 0.5s 5.00nm 4.8mb
 S 57 15.60
 HHC 49.83 349 eP 50 25.80 -0.7
 GBA 49.88 295 P 50 25.00 -2.1

BTO 49.90 347 eP 50 25.90 -1.2
 HYB 50.49 300 eP 50 26.50 -5.3X
 GTA 51.87 337 eP 50 41.00 -1.1
 MDJ 52.89 6 eP 50 48.00 -1.4
 1.2s 26.00nm 5.1mb

POO 55.01 299 iPc 50 56.00 -9.5X
 WMO 60.68 332 P 51 44.00 -1.0
 1.0s 23.00nm 5.3mb
 QUE 65.68 308 eP 52 17.50 -0.9

MAIO 73.90 311 eP 53 08.00 -0.4
 YKA 111.90 25 ePKP 00 18.00 10.6X
 0.4s 0.10nm
 S.D. = 1.3 on 47 of 54 obs.

? DEC 12, 1992 22h 50m 45.86 ± 3.64s
 38.749 N ± 9.9km 24.589 E ± 45.3km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)
 MD 3.1 (ATH).

ATH 1.04 222 iPnc 51 05.90 0.5
 eSn 51 19.50
 PAIG 1.37 329 iPb 51 11.66 0.7
 eSb 51 27.78
 AGG 1.78 280 iPg 51 07.53 -9.4X
 eSg 51 21.22

LIT 2.11 310 iPb 51 17.25 -4.5X
 eSb 51 40.18
 THE 2.26 327 iPn 51 22.02 -1.8
 SOH 2.28 336 iPn 51 24.74 0.6
 eSn 51 51.90

VLI 2.41 213 ePn 51 25.40 -0.6
 SRS 2.49 342 ePn 51 28.58 1.6
 eSn 51 58.10
 KZN 2.68 306 ePn 51 31.60 1.7
 KNT 2.74 332 ePn 51 30.34 -0.3
 eSn 52 01.38

GRG 2.77 323 ePn 51 28.78 -2.4
 S.D. = 1.6 on 9 of 11 obs.

DEC 12, 1992 23h 36m 36.19 ± 0.36s
 8.235 S ± 6.8km 122.681 E ± 9.3km
 DEPTH = 33.0km (normol)
 5.0mb (12 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.49 120 eP 38 51.60 -2.0
 KNA 9.55 142 iP 38 52.00 -2.5
 0.4s 34.00nm 5.9mb
 eS 40 36.00

WB2 16.22 137 eP 40 17.60 -5.8X
 0.4s 16.60nm 4.5mb
 eS 43 09.70
 ASPA 18.74 146 iPc 40 53.30 -1.4
 1.0s 60.70nm 4.8mb
 Z 18s 2.40um 3.5msz

QIS 20.44 129 eP 41 13.30 -0.3
 0.3s 6.00nm 4.4mb
 MRWA 21.80 196 eP 41 27.20 -0.2
 COOL 22.58 183 eP 41 34.60 -0.5
 BAL 22.95 193 eP 41 39.00 0.3
 1.0s 237.00nm 5.6mb

KLB 23.69 190 eP 41 46.30 0.4
 MUN 24.38 193 eP 41 53.00 0.4
 IPM 25.07 300 ePd 42 04.00 4.6X
 CTA 25.67 120 P 42 07.30 2.3
 STKA 29.38 146 iPd 42 38.80 0.2
 STK 29.38 146 P 42 39.50 0.9
 RMO 30.69 129 eP 42 50.70 0.4
 1.2s 47.00nm 5.2mb

NNT 30.79 312 eP 42 51.60 0.3
 CMS 31.62 140 eP 42 58.60 0.1
 BWA 35.20 141 eP 43 32.50 3.0X
 CHG 35.64 319 eP 43 34.00 0.7
 TOO 35.77 148 iPd 43 36.40 2.2
 0.9s 26.00nm 5.2mb

WHN 39.38 349 Pc 44 08.00 3.5X
 NJ2 40.22 355 iPc 44 15.20 3.7X
 1.0s 23.00nm 4.9mb
 CD2 42.94 336 eP 44 34.20 0.3
 1.0s 26.00nm 4.9mb

XAN 44.02 343 P 44 42.00 -0.6
 TIY 46.70 349 eP 45 03.80 -0.1
 LZH 47.52 339 eP 45 10.80 0.3
 1.4s 26.00nm 5.1mb

pP 45 23.50 47kmX
 BJI 48.41 353 eP 45 17.50 0.4
 GBA 49.88 295 P 45 26.80 -2.0
 HHC 49.90 349 eP 45 25.00 -3.8X
 HYB 50.51 301 eP 45 31.70 -1.9
 MDJ 52.97 6 eP 45 50.90 -0.9
 1.2s 26.00nm 5.1mb

WMO 60.74 332 iPd 46 47.20 0.1
 1.5s 14.00nm 4.9mb
 MAIO 73.93 311 eP 48 10.00 -0.3

PV10 124.75 49 ePKP 55 35.26 0.4
 PRM 145.45 38 ePKP 56 12.53 -0.5
 CNCB 152.97 157 PKP 56 30.00 4.2X
 LPB 153.18 157 ePKP 56 33.00 7.1X
 ZOBO 153.39 156 PKP 56 30.00 3.6X
 S.D. = 1.1 on 29 of 38 obs.

DEC 13, 1992 00h 36m 00.10±0.65s
 42.841 N ± 6.4km 2.032 E ± 5.0km
 DEPTH = 10.0km (geophysicist)

PYRENEES (378)
 ML 2.5 (LDG).

TRGS 0.34 188 Pg 36 07.21 0.0
 Sg 36 11.74
 VDCF 0.35 135 Pg 36 07.28 -0.1
 GRBF 0.36 270 Pg 36 07.51 -0.1
 Sg 36 11.98
 MTHF 0.38 75 Pg 36 08.10 0.2
 Sg 36 13.67
 EPF 1.26 279 Pg 36 23.80 0.3
 Sg 36 39.30
 LPO 1.94 342 Pn 36 33.20 -0.2
 Pg 36 37.40
 Sg 37 02.20
 S.D. = 0.2 on 6 of 6 obs.

? DEC 13, 1992 00h 46m 21.35±2.37s
 32.416 S ± 26.2km 178.630 E ± 46.2km
 DEPTH = 488.8 ± 25.1 km

SOUTH OF KERMADEC ISLANDS (179)

PUZ 5.65 183 eP 47 54.20 -0.5
 S 49 09.50
 URZ 5.96 192 P 47 58.00 0.3
 S 49 16.10
 WLZ 5.98 204 P 48 01.50 3.6X
 NOZ 6.21 184 eP 47 57.90 -2.2
 PAHZ 6.56 191 eP 48 03.80 0.1
 MAHZ 6.79 185 eP 48 07.80 1.8
 MOH 6.81 190 eP 48 07.60 1.4
 WAHZ 7.50 194 eP 48 12.60 -0.8
 PGZ 8.40 192 eP 48 24.30 1.4
 S 50 04.80
 MNG 8.57 196 eP 48 23.40 -1.3
 KHZ 10.77 201 eP 48 47.70 -0.3
 S 50 52.50
 DZM 14.94 311 iPd 49 31.80 0.1
 KAF 145.39 337 ePKP 05 01.90 -1.4
 NUR 147.11 336 ePKP 05 07.50 1.4
 S.D. = 1.4 on 13 of 14 obs.

DEC 13, 1992 01h 13m 49.83±0.28s
 44.479 N ± 2.3km 7.292 E ± 3.0km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
 ML 2.3 (LDG), 2.2 (GEN).

DOI 0.04 306 Pd 13 52.60 0.6
 eSg 13 54.20
 PZZ 0.14 281 P 13 53.46 0.2
 S 13 55.48
 STV 0.24 174 P 13 54.97 0.0
 S 13 57.90
 ENR 0.27 160 P 13 55.52 0.0
 S 13 59.09
 SURF 0.34 270 Pg 13 56.72 -0.3
 Sg 14 01.58
 BHB 0.36 357 P 13 57.12 -0.2
 S 14 02.20
 ROB 0.45 114 P 13 59.55 0.5
 S 14 06.55
 RRL 0.57 321 P 14 01.24 -0.3
 S 14 09.16
 SBF 0.62 170 Pg 14 02.30 -0.1
 Sg 14 09.80
 RSP 0.67 358 P 14 02.07 -1.2
 S 14 10.76
 FIN 0.71 112 P 14 03.62 -0.3
 S 14 13.01
 IMI 0.71 143 P 14 03.67 -0.3
 S 14 13.05
 PCP 0.90 86 P 14 07.47 0.4
 S 14 19.82
 LSD 0.98 354 P 14 08.66 0.0
 S 14 21.70
 FRF 1.03 207 Pg 14 09.20 -0.1

LPG 1.09 340 Pg 14 11.10 0.6
 Sg 14 25.30
 LPL 1.11 339 Pg 14 11.30 0.5
 Sg 14 25.40
 LRG 1.23 214 Pg 14 13.10 0.5
 Sg 14 28.40
 LMR 1.28 207 Pn 14 13.00 -0.5
 Pg 14 13.90
 Sg 14 29.60
 S.D. = 0.5 on 19 of 19 obs.

DEC 13, 1992 01h 39m 22.54±0.81s
 37.906 N ± 7.7km 142.943 E ± 9.6km
 DEPTH = 33.0km (normal)
 4.1mb (5 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)

OFUJ 1.54 320 iPd 39 46.40 -1.6
 S 40 03.40
 YAMJ 2.31 278 iP+ 39 58.40 -0.7
 S 40 25.40
 KAKJ 2.79 233 P 40 05.80 0.0
 S 40 38.90
 NIJJ 3.20 259 P 40 11.50 -0.2
 S 40 47.40
 AOMJ 3.32 324 eP 40 14.10 0.8
 eS 40 54.40
 CHJJ 3.66 241 P 40 18.80 0.5
 S 41 01.00
 MAT 4.02 252 eP 40 23.00 -0.3
 eS 41 18.00
 MTMJ 4.31 254 P 40 28.50 1.0
 HOOJ 4.48 3 eP 40 30.10 0.3
 eS 41 22.30
 MRRJ 4.74 343 eP 40 34.80 1.4
 eS 41 32.40
 KUSJ 5.36 14 eP 40 39.70 -2.5
 eS 41 36.50
 TSRJ 6.07 249 P 40 51.90 -0.4
 ASAJ 6.21 358 eP 40 53.80 -0.5
 WKYJ 7.00 240 eP 41 06.30 0.9
 YONJ 8.10 253 eP 41 20.10 -0.6
 TKSJ 8.21 244 eP 41 24.60 2.4X
 FBA 47.72 33 (P) 48 03.00 5.4X
 RES 61.45 15 eP 49 39.50 1.9
 ASPA 61.83 189 eP 49 38.70 -2.0
 0.7s 6.10nm 4.8mb
 YKA 62.44 31 eP 49 45.50 1.2
 0.7s 0.50nm 3.8mb
 GBA 62.49 266 P 49 45.40 0.1
 HFS 73.79 336 eP 50 54.70 -0.3
 0.5s 0.80nm 4.0mb
 NAO 74.13 338 P 50 57.00 0.0
 0.8s 3.60nm 4.4mb
 GEC2 82.60 329 P 51 44.60 1.0
 0.4s 0.42nm 3.8mb
 ZOBO 145.20 60 ePKP 59 02.00 2.5X
 LPB 145.40 61 (PKP) 58 56.00 -3.6X
 CNCB 145.67 61 PKP 59 04.90 4.7X
 S.D. = 1.1 on 22 of 27 obs.

? DEC 13, 1992 01h 41m 35.78±4.25s
 46.027 N ± 32.6km 2.856 E ± 14.2km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.6 (LDG).
 MAF 0.28 314 Pg 41 41.30 -0.4
 Sg 41 45.90
 TCF 0.52 300 Pg 41 46.80 0.5
 Sg 41 53.20
 AVF 0.84 24 Pg 41 52.00 0.1
 Sg 42 02.10
 LSF 0.95 284 Pg 41 53.70 -0.2
 Sg 42 06.40
 S.D. = 0.6 on 4 of 4 obs.

? DEC 13, 1992 02h 20m 28.94±5.81s
 8.714 S ± 69.1km 123.114 E ± 17.0km
 DEPTH = 33.0km (normal)
 4.4mb (1 obs.)

FLORES REGION, INDONESIA (286)

MTN 8.88 118 eP 22 38.00 0.0
 WB2 15.58 137 eP 24 06.60 -1.3
 ASPA 18.10 146 eP 24 40.70 1.0

0.9s 31.10nm 4 4mb
 eS 28 01.20
 OIS 19.81 128 iPc 25 00.10 0.4
 MRWA 21.47 197 eP 25 14.00 -2.8
 e 25 17.00
 COOL 22.13 184 eP 25 24.00 0.5
 BAL 22.59 195 eP 25 28.50 0.6
 KLB 23.30 192 eP 25 36.00 1.1
 MUN 24.02 195 eP 25 42.50 0.6
 STKA 28.74 146 eP 26 25.50 -0.1
 CNCB 152.37 157 ePKP 40 22.00 4.3X
 ZOBO 152.78 156 ePKP 40 28.00 9.7X
 S.D. = 1.4 on 10 of 12 obs.

? DEC 13, 1992 02h 30m 37.24±1.34s
 9.614 S ± 18.6km 122.063 E ± 13.0km
 DEPTH = 33.0km (normal)
 4.7mb (2 obs.)

SAVU SEA (288)

KNA 8.94 134 eP 32 47.00 -0.2
 0.4s 34.00nm 5.9mb X
 eS 34 35.00
 WB2 15.69 132 iPd 34 15.20 -2.5X
 eS 37 11.70
 ASPA 17.98 142 eP 34 48.00 1.6
 0.7s 59.80nm 4.8mb
 eS 38 12.10
 OIS 20.11 125 eP 35 10.00 -1.2
 MRWA 20.32 195 eP 35 13.20 -0.1
 0.6s 15.00nm 4.5mb
 BAL 21.48 193 eP 35 25.00 -0.2
 MUN 22.91 193 eP 35 39.00 -0.3
 STKA 28.61 144 eP 36 31.90 -0.8
 TOO 34.94 147 iPc 37 29.00 0.7
 0.9s 29.00nm 5.2mb X
 CNCB 151.93 159 ePKP 50 26.00 0.7
 ZOBO 152.36 159 ePKP 50 26.00 0.0
 e 50 40.00
 S.D. = 0.9 on 10 of 11 obs.

% DEC 13, 1992 02h 38m 57.56±0.82s
 41.230 N ± 10.0km 25.898 E ± 6.1km
 DEPTH = 10.0km (geophysicist)

GREECE-BULGARIA BORDER REGION (363)

ALN 0.35 161 iPg 39 04.86 0.1
 eSg 39 08.70
 EZN 1.44 167 iPn 39 22.60 -1.1
 DMK 1.52 66 iPn 39 23.40 -1.3
 EDC 1.73 120 ePn 39 30.00 2.1
 SRS 1.74 267 iPb 39 28.18 0.1
 eSb 39 50.50
 SOH 1.97 259 ePb 39 31.06 -0.3
 eSb 39 55.94
 KCT 2.11 117 ePn 39 38.00 4.6X
 PAIG 2.13 233 ePb 39 32.70 -1.0
 eSb 39 58.58
 KNT 2.26 269 ePn 39 35.98 0.4
 eSn 40 05.18
 VAY 2.51 273 ePn 39 40.00 1.0
 GRG 2.66 265 ePn 39 41.22 0.0
 S.D. = 1.2 on 10 of 11 obs.

& DEC 13, 1992 04h 14m 03.66s
 34.981 N 116.946 W
 DEPTH = 4.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.8 (PAS), 3.6 (GS).
 Felt (III) at Daggett and Yermo.

GSC 0.34 20 iPc 14 10.23 -0.3
 SSK 0.99 219 iPd 14 21.80 -1.2
 eS 14 34.75
 PEC 1.10 189 ePd 14 23.83 -1.1
 ISA 1.42 299 ePnc 14 28.96 -1.4
 PLM 1.62 178 ePnd 14 32.40 -0.9
 TPNV 2.04 16 ePn 14 38.04 -1.3
 eS 15 08.96
 BCH 2.58 275 ePn 14 44.94 -2.1
 PKEM 2.80 294 ePn 14 48.86 -1.2
 TNP 3.10 356 ePnd 14 53.22 -1.3
 MEMM 3.13 330 (P) 14 55.34 0.8
 BONR 3.16 340 (P) 14 54.57 -0.8
 CMB 4.12 319 ePn 15 07.99 -0.8
 ePg 15 16.70
 ARN 4.40 304 ePnd 15 11.15 -1.6

13d 04h

MSU 5.21 46 ePn 15 23.19 -1.2
 ePg 15 38.56
 NTYM 5.71 308 ePn 15 28.93 -2.4
 ORV 5.83 323 (Pn) 15 30.98 -2.0
 DUG 6.15 31 (Pn) 15 37.71 0.1
 ePg 15 58.35
 SRU 6.58 49 (Pn) 15 43.49 -0.3
 DAU 7.05 38 (Pn) 15 55.84 5.4
 ePg 16 16.64
 PV09 7.19 58 (Pn) 15 58.43 6.0
 PV10 7.20 60 (Pn) 15 52.20 -0.3
 HVU 7.54 25 (Pn) 16 03.23 6.1
 (Pg) 16 23.80
 22 obs. associated

? DEC 13, 1992 04h 15m 06.21 ± 1.11s
 8.552 S ± 15.9km 121.985 E ± 16.8km
 DEPTH = 33.0km (normal)
 4.7mb (3 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.95 116 eP 17 29.00 -1.0
 0.4s 117.00nm 6.5mb X
 eS 19 17.00
 WB2 16.48 135 eP 18 52.60 -4.0X
 eS 21 49.50
 ASPA 18.87 144 iPc 19 27.10 0.7
 0.3s 17.70nm 4.8mb
 QIS 20.79 127 iPc 19 48.00 0.8
 0.5s 10.00nm 4.5mb
 MRWA 21.32 195 eP 19 52.00 -0.5
 LZH 47.57 340 eP 23 41.00 0.1
 1.5s 19.00nm 4.9mb
 S.D. = 1.1 on 5 of 6 obs.

* DEC 13, 1992 04h 28m 48.47 ± 1.21s
 21.122 N ± 12.2km 108.301 W ± 10.7km
 DEPTH = 10.0km (geophysicist)
 4.2mb (5 obs.)

REVILLA GIGEDO ISLANDS REGION (53)

TUC 11.36 349 iPd 31 33.87 0.0
 ALQ 13.86 6 eP 32 09.21 1.7
 GSC 15.98 334 eP 32 33.93 -1.1
 PV10 17.21 358 eP 32 49.76 -1.0
 e 35 20.56
 VVO 17.95 35 eP 32 59.20 -0.6
 SRU 18.03 354 eP 33 00.81 -0.2
 TUL 18.36 34 P 33 04.30 -0.5
 1.4s 72.20nm 4.6mb
 Z 14s 1.88um 5.3msz
 LR 38 45.00

LNO 18.36 34 eP 33 04.10 -0.6
 LNO2 18.36 34 eP 33 04.40 -0.3
 LNO3 18.36 34 eP 33 04.60 -0.2
 EMUT 18.76 354 eP 33 10.72 0.8
 RLO 18.95 35 eP 33 11.00 -1.1
 OLY 20.57 42 (P) 33 30.83 0.8
 BW06 21.62 357 eP 33 40.05 -0.9
 1.3s 12.10nm 4.1mb
 HHA1 22.37 352 eP 33 49.44 1.1
 FVM 22.83 39 eP 33 54.65 1.9
 1.0s 10.14nm 4.3mb
 RSSD 23.21 8 eP 33 57.38 0.7
 1.0s 5.50nm 4.1mb

LRM 24.87 353 eP 34 14.00 1.2
 SES 29.29 356 ePd 34 53.10 0.0
 YKA 41.57 356 eP 36 36.50 -1.1
 1.0s 1.00nm 3.5mb
 ZOBO 54.18 130 eP 38 17.00 -0.3
 LPB 54.36 130 eP 38 25.00 6.6X
 CNCB 54.63 131 P 38 28.00 7.4X
 S.D. = 1.0 on 21 of 23 obs.

DEC 13, 1992 04h 33m 42.68 ± 0.50s
 44.158 N ± 3.8km 8.750 E ± 3.9km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.7 (LDG), 2.4 (GEN), 2.1 (STR).

FIN 0.39 278 P 33 50.76 0.0
 S 33 55.66
 PCP 0.41 339 P 33 51.13 0.0
 S 33 56.14
 CKI 0.43 309 Pc 33 51.20 -0.3
 eSg 33 56.50

ROB 0.65 283 P 33 55.11 -0.6
 S 34 02.75
 IMI 0.67 249 P 33 56.12 0.1
 S 34 05.04
 BOB 0.79 39 P 33 59.80 1.7
 SAOF 0.88 259 Pg 33 59.81 0.2
 Sg 34 11.51
 ENR 0.96 275 P 34 01.24 0.2
 S 34 13.19
 AUTN 0.97 261 Pg 34 01.55 0.3
 Sg 34 15.10
 SBF 0.99 253 Pn 34 01.30 -0.3
 Pg 34 02.70
 Sg 34 16.00
 STV 1.03 275 P 34 02.48 0.3
 S 34 14.83
 AURF 1.06 256 Pg 34 03.16 0.4
 Sg 34 17.82
 REVF 1.08 248 Pg 34 05.17 2.1
 Sg 34 18.78
 TOUF 1.09 263 Pg 34 03.48 0.1
 Sg 34 19.73
 DOI 1.13 288 Pd 34 03.70 -0.3
 eSg 34 18.30
 MVIF 1.18 258 Pg 34 05.92 1.1
 PZZ 1.23 287 P 34 04.72 -1.0
 S 34 19.30
 BHB 1.26 303 P 34 05.32 -0.9
 S 34 20.50
 PII 1.35 108 P 34 06.90 -0.6
 eSn 34 26.90
 CALN 1.40 254 Pg 34 09.51 1.1
 RSP 1.46 314 P 34 09.16 0.0
 S 34 25.97
 ORO 1.57 340 P 34 10.10 -0.6
 eSn 34 31.20
 ORX 1.57 340 P 34 10.43 -0.4
 RRL 1.60 299 P 34 11.94 0.7
 PGF 1.62 173 Pn 34 10.75 -0.7
 FRF 1.63 249 Pn 34 10.50 -1.1
 Pg 34 14.30
 Sg 34 34.80
 LMR 1.82 244 Pn 34 12.90 -1.4
 Sg 34 40.60
 LRG 1.87 249 Pn 34 14.60 -0.3
 Pg 34 18.70
 Sg 34 42.40
 LPG 1.95 314 Pn 34 16.80 0.3
 LPL 1.98 314 Pn 34 17.30 0.5
 BGF 4.80 302 Pn 34 55.60 -1.2
 S.D. = 0.8 on 31 of 31 obs.

? DEC 13, 1992 04h 48m 42.79 ± 13.07s
 18.964 N ± 89.5km 67.215 W ± 62.2km
 DEPTH = 33.0km (normal)
 MONA PASSAGE (89)

APR 0.69 138 P 48 56.00 0.0
 MGP 0.96 173 P 49 00.00 0.1
 PORP 1.06 149 P 49 01.00 -0.3
 SJG 1.32 130 iP 49 05.10 0.0
 LPR 1.43 117 P 49 06.40 -0.3
 CPD 1.54 127 P 49 08.80 0.5
 S 49 25.80
 S.D. = 0.4 on 6 of 6 obs.

? DEC 13, 1992 04h 51m 54.33 ± 1.64s
 8.408 S ± 20.9km 122.068 E ± 14.0km
 DEPTH = 33.0km (normal)
 4.6mb (2 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.94 117 eP 54 18.30 0.3
 0.4s 63.00nm 6.2mb X
 WB2 16.52 135 iPc 55 43.00 -2.3
 eS 58 38.00
 ASPA 18.94 145 eP 56 16.30 1.0
 0.7s 37.00nm 4.7mb
 eS 59 35.50
 QIS 20.81 127 eP 56 36.80 1.2
 MRWA 21.47 195 eP 56 42.00 -0.2
 0.6s 15.00nm 4.6mb
 BAL 22.65 192 eP 56 54.00 0.1
 MUN 24.08 192 eP 57 08.00 0.2
 YKA 112.40 25 ePKP 10 27.90 -0.3
 0.9s 0.80nm
 BAO 154.16 202 e(PKP) 12 04.00 19.0X

e 12 08.00
 e 12 27.90
 e 12 45.30
 S.D. = 1.3 on 8 of 9 obs.
 & DEC 13, 1992 04h 56m 38.85s
 59.924 N 152.332 W
 DEPTH = 69.8km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 3.3 (AEIC).
 ILIM 0.35 297 iPd 56 49.97 -0.6
 eS 56 59.17
 INE 0.39 291 iPd 56 50.24 -0.8
 eS 56 59.55
 INW 0.43 290 iPd 56 50.69 -0.6
 OPT 0.53 239 iPc 56 51.69 -0.5
 eS 57 01.15
 RED 0.54 336 iPd 56 51.67 -0.7
 eS 57 02.41
 XLV 0.56 146 eP 56 51.60 -0.9
 RS1 0.58 339 iPd 56 52.29 -0.6
 RSO 0.58 339 iPd 56 52.28 -0.6
 eS 57 03.26
 RS2 0.58 339 iPd 56 52.30 -0.6
 REF 0.60 342 iPd 56 52.44 -0.6
 RDW 0.61 337 iPd 56 52.50 -0.7
 eS 57 03.35
 RDN 0.63 340 iPd 56 52.74 -0.6
 eS 57 03.71
 DFR 0.69 345 iPd 56 53.25 -0.7
 NCT 0.71 335 iPd 56 53.48 -0.7
 eS 57 04.90
 BRLK 0.75 102 iPc 56 53.81 -0.7
 eS 57 05.17
 AUE 0.77 223 eP 56 54.21 -0.6
 AUL 0.78 226 eP 56 54.68 -0.2
 AUP 0.79 225 eP 56 54.86 -0.2
 AUH 0.80 226 eP 56 54.79 -0.4
 AUW 0.80 227 eP 56 54.72 -0.4
 AUI 0.81 224 eP 56 54.86 -0.4
 eS 57 06.65
 PDB 0.95 263 iPc 56 55.81 -1.1
 eS 57 09.47
 NKA 0.99 33 iPd 56 58.36 1.0
 CDD 1.20 214 eP 56 59.67 -0.6
 SLKM 1.21 60 iPc 56 59.20 -1.1
 MCNL 1.26 235 iPc 56 59.50 -1.5
 eS 57 15.95
 SPU 1.27 6 iPd 57 00.52 -0.7
 eS 57 17.70
 CKL 1.28 360 iPd 57 00.73 -0.6
 CKT 1.28 3 iPd 57 00.74 -0.6
 CKN 1.31 3 iPd 57 01.33 -0.3
 SYI 1.32 181 ePc 57 01.18 -0.6
 BGL 1.34 359 iPd 57 01.72 -0.5
 CP2 1.35 2 iPd 57 01.90 -0.4
 CRP 1.35 4 P 57 02.00 -0.4
 S 57 20.50
 CGLM 1.40 6 iPd 57 02.44 -0.5
 SEW 1.46 82 eP 57 02.57 -1.0
 NCG 1.49 3 iPd 57 03.63 -0.5
 MPA 1.59 68 iPc 57 04.54 -0.8
 SUA 1.73 26 iPd 57 07.03 -0.5
 PTE 1.89 59 ePc 57 08.05 -1.5
 PMS 1.90 45 P 57 09.10 -0.7
 S 57 32.90
 SVW 2.01 308 P 57 09.80 -1.5
 SKT 2.10 10 ePd 57 11.41 -1.1
 PWA 2.11 34 P 57 12.60 0.0
 KDC 2.18 182 eP 57 11.04 -2.5
 PLRM 2.30 42 eP 57 13.59 -1.5
 PMR 2.30 42 eP 57 13.11 -2.0
 S 57 40.08
 KNIM 2.34 78 ePc 57 12.78 -3.0
 KNK 2.42 50 ePc 57 15.05 -1.9
 GHO 2.49 41 P 57 16.60 -1.4
 SML 2.72 44 ePc 57 19.42 -1.7
 HIN 2.95 78 eP 57 20.79 -3.6
 FID 3.03 72 iPc 57 21.34 -4.0
 SCM 3.11 50 eP 57 24.72 -1.9
 VLZ 3.20 65 eP 57 25.04 -2.8
 CVA 3.34 76 eP 57 25.74 -4.0
 KLU 3.52 61 iPc 57 29.54 -2.8
 TRF 3.67 15 eP 57 34.66 0.1
 TOA 3.71 51 P 57 33.00 -2.0
 FBA 5.42 21 eP 57 56.89 -2.0

0.3s 1.80nm 3.8mb X
YKA 18.18 66 eP 00 43.90 -3.7
0.4s 0.20nm 2.7mb
61 obs. associated

* DEC 13, 1992 05h 07m 40.66±0.77s
4.113 S ± 9.1km 32.254 E ± 15.3km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)

TANZANIA (573)

LWI 3.92 298 iPd 07 58.10 -42.2X
NAI 5.35 58 ePn 08 59.00 -1.5

KRI 12.90 191 iPn 10 43.50 -1.1
iSg 09 01.00
iSn 13 01.90
iLg 14 18.90

BCAO 16.12 302 iPc 11 23.60 -3.0
0.8s 32.00nm 4.5mb
ic 11 29.30
iS 14 18.00
Lg 15 55.00

BUL 16.32 192 iPn 11 27.30 -2.0
i 11 33.70
iSn 14 34.20
iLg 16 07.00

SLR 21.83 190 eP 12 32.80 0.4
S 16 30.00

KSR 22.23 193 eP 12 37.50 1.1
0.7s 15.00nm 4.5mb

PRY 23.14 191 eP 12 47.00 1.7
1.0s 50.00nm 5.0mb
S 17 23.00

KIC 38.37 286 P 15 03.10 2.2X
TIC 38.71 286 P 15 04.80 1.1

GEC2 55.17 345 ePd 17 13.50 1.0
1.1s 4.08nm 4.4mb

SMF 56.44 337 eP 17 22.80 1.2
0.7s 2.45nm 4.3mb

GRF 56.60 344 eP 17 22.80 0.1
1.7s 37.00nm 5.1mb

LBF 56.67 337 eP 17 24.00 0.8
1.1s 6.10nm 4.5mb

S.D. = 1.7 on 12 of 14 obs.

& DEC 13, 1992 05h 30m 58.39s
34.016 N 116.344 W

DEPTH = 1.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS), 3.0 (GS).

SSK 1.14 280 ePc 31 19.45 -1.1
eS 31 34.77

GSC 1.34 344 ePn 31 22.73 -1.2
GLA 1.59 127 ePn 31 25.23 -2.5

ISA 2.40 314 ePnd 31 37.55 -2.0
TPNV 2.93 1 (Pn) 31 45.64 -1.5

TNP 4.12 350 (P) 32 02.27 -1.7
6 obs. associated

? DEC 13, 1992 06h 07m 22.81±4.80s
32.488 S ± 29.8km 71.757 W ± 22.8km
DEPTH = 10.0km (geophysicist)

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

ROCH 0.79 128 iPd 07 38.58 0.2
iS 07 48.02

LCCH 1.00 171 iP 07 41.93 0.2
iS 07 54.43

JACH 1.00 101 iPd 07 42.09 0.2
iS 07 54.26

PEL 1.11 126 iPd 07 43.62 -0.1
iS 07 56.14

SAN 1.33 137 iPd 07 46.84 -0.6
iS 08 01.47

TACH 1.35 150 iP 07 47.77 0.1
iS 08 02.93

FCH 1.49 125 iPd 07 49.56 -0.4
iS 08 07.07

LNV 1.49 169 iP 07 48.92 -0.7
iS 08 07.53

PCH 1.54 138 iP 07 50.19 -0.2
iS 08 08.00

CACH 1.89 149 eP 07 56.75 1.2

iS 08 19.80
S.D. = 0.6 on 10 of 10 obs.

? DEC 13, 1992 06h 20m 35.43±4.25s
40.848 N ± 29.2km 28.614 E ± 20.8km
DEPTH = 5.0km (geophysicist)

TURKEY (366)
MD 2.6 (ISK).

KCT 0.63 198 iPg 20 47.50 -0.5
YLV 0.64 116 iPg 20 48.00 -0.3

HRT 0.80 92 iPg 20 51.50 0.0
eSg 20 55.50
eSg 21 00.50

EYL 1.21 103 ePn 20 58.50 0.1
DST 1.24 180 ePn 20 59.70 0.7

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

? DEC 13, 1992 06h 32m 56.98±0.99s
9.918 S ± 12.7km 34.340 E ± 33.4km
DEPTH = 33.0km (normal)

4.4mb (3 obs.)
TANZANIA (573)
mbLg 4.1 (BUL).

KRI 8.27 213 iPn 34 57.00 -0.7
iSg 36 29.80
iSg 37 16.90

NAI 8.93 16 iPnd 35 06.50 -0.4
i 36 26.50
eSg 38 30.00

LWI 9.41 324 iPd 35 02.90 -10.7X
i(S) 37 11.40

CIR 11.35 193 iPn 35 40.80 0.8
i 35 50.00
iSn 37 41.90

BUL 11.57 208 iPn 35 41.90 -1.2
iSg 38 47.80
iLg 37 51.20

BFT 16.20 194 eP 36 50.00 5.9X
S 39 40.00

SLR 16.75 199 iPc 36 51.10 0.2
S 39 44.20

SEK 19.37 198 iPd 37 21.70 -1.4
S 40 45.00

BLF 20.56 201 eP 37 36.00 0.2
WIN 20.76 231 eP 37 37.80 -0.1

BCAO 21.24 311 iPc 37 40.00 -2.7X
1.0s 15.00nm 4.4mb
ic 37 45.30

POF 23.59 213 iPc 38 08.00 2.3
0.4s 8.47nm 4.6mb

GBA 48.74 62 P 41 44.00 3.2X
GEC2 61.27 345 PKP 43 11.80 0.3

1.2s 1.94nm 4.1mb
e 43 20.60
e 43 23.50

S.D. = 1.2 on 10 of 14 obs.

* DEC 13, 1992 06h 40m 36.06±3.22s
33.181 S ± 8.7km 72.111 W ± 23.4km
DEPTH = 12.4 ± 4.3 km

OFF COAST OF CENTRAL CHILE (134)
MD 4.1 (SAN).

IHA 0.42 69 iPc 40 45.30 0.5
iS 40 51.90

LCCH 0.54 123 iPd 40 47.16 0.2
iS 40 55.28

ROCH 0.95 78 iPd 40 53.85 -0.2
iS 41 07.16

LNV 0.97 143 iPd 40 54.03 -0.2
iS 41 07.42

TACH 1.09 116 iPd 40 56.14 -0.2
iS 41 10.77

PEL 1.20 89 iPd 40 58.30 0.1
iS 41 14.33

SAN 1.24 103 iPd 40 58.52 -0.4
iS 41 15.05

JACH 1.37 69 iPd 41 00.41 -0.6
iS 41 19.22

PCH 1.41 109 iP+ 41 01.54 0.0
(S) 41 21.39

FCH 1.53 96 iP+ 41 03.59 0.1
iS 41 23.81

CACH 1.57 127 iP 41 04.52 0.7

iS 41 25.66
MDZ 2.76 85 eP 41 26.40 5.5X
iS 42 03.20

RTCV 3.29 67 e(P) 41 34.00 5.5X
RFA 3.42 119 e(P) 41 35.80 5.6X

CFA 3.63 65 e(P) 41 36.30 3.0X
TCA 6.63 76 eP 42 16.00 0.3

S.D. = 0.4 on 12 of 16 obs.

DEC 13, 1992 06h 50m 23.27±0.96s
41.263 N ± 9.5km 22.743 E ± 6.0km
DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
ML 1.6 (SKO).

VAY 0.14 294 iPg 50 26.60 0.0
iSg 50 28.60

KNT 0.15 131 iPg 50 27.30 0.4
eSg 50 29.88

GRG 0.40 220 ePg 50 31.53 0.1
iSg 50 37.61

SOH 0.64 133 ePg 50 35.82 -0.3
eSg 50 45.14

THE 0.65 165 ePg 50 36.12 -0.1
eSg 50 45.72

SRS 0.66 103 ePg 50 36.33 0.0
eSg 50 45.41

S.D. = 0.3 on 6 of 6 obs.

* DEC 13, 1992 06h 50m 28.39±3.00s
33.159 S ± 8.0km 72.101 W ± 22.2km
DEPTH = 10.0km (geophysicist)

OFF COAST OF CENTRAL CHILE (134)
MD 4.1 (SAN).

IHA 0.41 71 iPc 50 33.10 -3.6X
iS 50 44.50

LCCH 0.55 125 iPd 50 39.73 0.3
iS 50 47.90

ROCH 0.93 79 iPd 50 46.45 0.1
iS 50 59.82

LNV 0.98 144 iPd 50 46.57 -0.4
iS 50 59.58

TACH 1.09 117 iPd 50 48.69 -0.2
iS 51 03.39

PEL 1.19 90 iPd 50 50.95 0.4
iS 51 06.92

SAN 1.24 104 iP 50 51.06 -0.4
iS 51 08.41

JACH 1.35 70 iP+ 50 52.90 -0.5
iS 51 11.44

PCH 1.41 110 iP+ 50 54.12 0.0
iS 51 12.84

FCH 1.53 97 iP+ 50 56.18 0.1
iS 51 16.69

CACH 1.58 128 iP 50 57.02 0.5
iS 51 18.67

MDZ 2.75 85 eP 51 20.00 6.6X
i(S) 51 54.30

RTCV 3.28 68 eP 51 26.60 5.7X
RFA 3.42 119 e(P) 51 27.60 4.7X

TCA 6.62 76 eP 52 08.40 0.2
S.D. = 0.4 on 11 of 15 obs.

% DEC 13, 1992 06h 52m 07.92±1.27s
40.629 N ± 20.7km 25.422 E ± 9.0km
DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)

ALN 0.54 60 iPg 52 18.93 0.0
eSg 52 26.46

SRS 1.47 290 ePb 52 34.02 -0.5
eSb 52 51.78

PAIG 1.51 243 ePb 52 34.98 0.0
eSb 52 55.82

SOH 1.58 278 ePb 52 35.74 -0.4
eSb 52 57.42

KNT 1.99 286 ePb 52 42.74 0.8
iSb 53 07.66

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

% DEC 13, 1992 07h 59m 55.06±0.99s
23.789 N ± 10.8km 107.966 E ± 12.7km
DEPTH = 33.0km (normal)

SOUTHEASTERN CHINA (664)
ML 4.3 (BJI).

13d 08h

GYA 2.91 336 Pn 00 41.60 1.4
Z 10s 2.97um
Pg 00 49.80
Sn 01 17.00
Sg 01 28.00
KMI 4.94 287 ePn 01 08.50 -0.7
Pg 01 28.00
GZH 4.99 97 Pg 01 09.60 0.0
QIZ 5.05 159 ePn 01 10.60 0.1
Sg 02 26.00
CD2 8.02 333 eP 01 52.60 0.4
Z 10s 1.33um
eS 03 30.00
XAN 10.25 4 P 02 21.00 -2.0
S 04 14.00
LZH 12.76 345 eP 02 55.00 -2.1
1.4s 18.00nm 5.0mb
Z 12s 0.37um 5.3msz
PP 03 04.00
eS 05 18.00
GTA 17.04 338 eP 03 54.00 1.5
Z 10s 0.51um
HHC 17.28 9 eP 03 56.80 1.3
BJI 17.62 21 eP 04 04.00 4.4X
S.D. = 1.6 on 9 of 10 obs.

? DEC 13, 1992 09h 03m 30.17 ± 1.93s
8.950 S ± 30.9km 123.473 E ± 28.9km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
FLORES REGION, INDONESIA (286)

MTN 8.46 118 eP 05 34.00 0.6
0.4s 88.00nm 6.2mb X
KNA 8.51 143 eP 05 35.00 0.9
0.4s 38.00nm 5.9mb X
WB2 15.17 137 iPd 07 01.10 -2.7X
eS 09 51.60
ASPA 17.71 147 eP 07 35.60 -0.5
0.9s 17.40nm 4.2mb
QIS 19.38 128 eP 07 56.00 -0.4
0.3s 5.00nm 4.3mb
RMQ 29.63 129 eP 09 33.80 -1.2
CNCB 152.01 156 ePKP 23 19.00 0.6
ZOBO 152.42 155 ePKP 23 26.00 6.9X
S.D. = 1.0 on 6 of 8 obs.

? DEC 13, 1992 09h 27m 02.19 ± 2.85s
33.229 S ± 6.5km 71.886 W ± 21.2km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

IHA 0.29 45 iPc 27 08.60 0.4
e(S) 27 14.80
LCCH 0.36 133 iPd 27 10.49 0.9
iS 27 18.75
ROCH 0.78 71 iPd 27 17.15 -0.3
iS 27 30.65
LNV 0.83 151 iPd 27 17.31 -0.8
iS 27 30.72
TACH 0.90 118 iPd 27 19.40 0.0
iS 27 34.71
PEL 1.01 86 iPd 27 21.60 0.3
iS 27 37.05
SAN 1.05 103 iP 27 21.81 -0.2
iS 27 38.60
PCH 1.21 109 iP+ 27 24.71 -0.1
iS 27 43.33
JACH 1.22 64 iPd 27 23.68 -1.2
iS 27 42.51
FCH 1.34 95 iP+ 27 26.92 -0.2
iS 27 48.36
CACH 1.39 130 iPd 27 27.92 0.2
iS 27 49.36
MDZ 2.57 83 eP 27 50.40 5.7X
i(S) 28 31.70
RFA 3.23 119 e(P) 28 00.80 6.8X
TCA 6.46 75 eP 28 41.00 1.3
S.D. = 0.7 on 12 of 14 obs.

DEC 13, 1992 11h 22m 34.93 ± 0.58s
35.527 N ± 8.3km 130.054 E ± 6.6km
DEPTH = 26.9km (2 depth phases)
4.4mb (1 obs.)
SEA OF JAPAN (660)

SHNJ 1.65 148 eP 23 02.50 0.1
eS 23 20.50
SHK 2.37 114 eP 23 18.80 6.0X
YONJ 2.81 96 P 23 17.90 -1.1
S 23 51.90
KUMJ 3.05 168 eP 23 22.40 -0.1
TKSJ 3.63 114 P 23 31.00 0.3
eS 24 17.20
WKYJ 4.74 104 eP 23 46.20 -0.3
MAT 6.68 79 eP 24 15.00 1.1
CN2 8.99 338 eP 24 45.60 -0.4
HHC 15.47 296 P 26 19.40 6.4X
LZH 21.25 279 eP 27 21.00 -0.3
1.5s 22.00nm 4.4mb
pP 27 28.00 26km
CD2 22.45 266 eP 27 38.70 5.5X
GTA 24.26 288 eP 27 51.50 0.6
pP 27 59.50 28km
S.D. = 0.7 on 9 of 12 obs.

? DEC 13, 1992 11h 47m 47.05 ± 5.25s
33.142 S ± 12.9km 72.198 W ± 41.7km
DEPTH = 26.2 ± 5.7 km
OFF COAST OF CENTRAL CHILE (134)
MD 3.9 (SAN).

IHA 0.48 76 iPc 47 56.60 -0.4
iS 48 03.10
LCCH 0.62 122 iPd 47 58.40 -0.9
iS 48 06.72
ROCH 1.01 81 iPd 48 05.07 -0.6
iS 48 18.34
LNV 1.04 141 iP+ 48 05.29 -0.6
iS 48 18.60
TACH 1.17 116 iP+ 48 07.41 -0.4
iS 48 22.09
PEL 1.27 90 iPd 48 09.59 0.4
iS 48 25.55
SAN 1.32 104 iP 48 10.17 0.2
iS 48 26.74
JACH 1.43 72 iP+ 48 11.44 0.0
iS 48 30.34
PCH 1.49 109 iP+ 48 12.73 0.3
iS 48 31.03
FCH 1.61 97 iPd 48 14.91 0.5
iS 48 35.11
CACH 1.65 127 iPd 48 15.74 1.0
iS 48 37.22
MDZ 2.82 86 eP 48 37.60 6.1X
eS 49 13.50
RTCB 3.32 61 ePc 48 45.00 6.5X
RTCV 3.35 69 eP 48 44.00 5.1X
RFA 3.50 119 e(P) 48 45.80 4.6X
(S) 49 37.00
RTLL 3.64 61 ePc 48 48.60 5.5X
CFA 3.68 67 e(P) 48 49.00 5.3X
MRA 5.51 84 e(P) 49 12.00 2.5X
TCA 6.69 76 eP 49 26.10 -0.1
S.D. = 0.7 on 12 of 19 obs.

DEC 13, 1992 11h 51m 32.85 ± 0.63s
26.368 S ± 6.0km 27.419 E ± 7.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.2 (PRE). mbLg 3.2 (BUL).

PRY 0.56 175 eP 51 44.50 0.4
S 51 51.20
BPI 0.58 71 eP 51 40.80 -3.7X
S 51 51.90
KSR 0.69 317 eP 51 47.50 0.9
S 51 59.50
BFS 0.78 227 eP 51 49.50 1.0
S 52 01.10
SLR 1.00 51 iPc 51 51.60 -0.8
S 52 03.20
SEK 1.96 175 iPd 52 06.70 -0.5
S 52 30.00
SWZ 2.04 246 eP 52 09.90 1.5
S 52 39.20
BFT 2.46 75 eP 52 14.50 0.1
S 52 39.50
BLF 2.94 201 iPd 52 22.20 0.9
S 52 54.50
BUL 6.29 10 iPn 53 08.90 0.1
iSn 54 15.30
iSg 54 47.80

CIR 6.55 36 iPn 53 13.30 1.0
iSn 54 25.10
iSg 54 51.30
CER 9.91 223 eP 53 56.50 -2.6
S 55 42.00
WIN 10.13 290 eP 54 00.20 -2.1
S.D. = 1.4 on 12 of 13 obs.

? DEC 13, 1992 12h 01m 18.29 ± 1.32s
46.082 N ± 46.7km 5.929 E ± 37.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.0 (LDG).

LPL 0.80 135 Pg 01 34.00 0.1
LPG 0.82 135 Pg 01 34.30 -0.1
SMF 1.55 292 Pn 01 46.00 0.0
Pg 01 50.10
Sg 02 10.50
LOR 1.85 311 Pn 01 50.40 0.0
Pg 01 56.00
Sg 02 21.60
HAU 1.95 8 Pg 01 59.60 7.9X
Sg 02 27.90
S.D. = 0.1 on 4 of 5 obs.

DEC 13, 1992 12h 29m 55.81 ± 0.35s
51.515 N ± 7.9km 179.752 E ± 4.2km
DEPTH = 75.1km (2 depth phases)
4.6mb (29 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)

ADK 2.25 79 iPc 30 32.27 0.8
SMY 3.69 291 eP 30 54.37 2.8
SDN 12.38 64 eP 32 48.34 -2.1X
0.5s 147.58nm 6.1mb X
ANM 15.21 25 (P) 33 29.82 2.5
SVW 16.60 45 eP 33 46.56 1.7
1.0s 79.06nm 4.9mb
KDC 17.16 58 eP 33 50.43 -1.3
0.6s 44.49nm 4.9mb
TTA 17.27 39 eP 33 54.25 1.0
1.0s 46.39nm 4.7mb
BGL 18.10 47 eP 34 04.09 0.6
CP2 18.17 47 eP 34 04.49 0.1
CRP 18.21 47 eP 34 04.59 -0.3
SLKM 18.89 50 eP 34 10.18 -2.5X
PMR 19.70 47 eP 34 18.44 -2.8X
0.7s 22.95nm 4.6mb
IMA 19.81 33 eP 34 22.29 -0.3
0.6s 22.91nm 4.7mb
KLU 21.16 49 eP 34 34.46 -1.9X
FBA 21.40 39 eP 34 37.02 -1.6X
0.8s 24.34nm 4.6mb
BALM 22.78 51 eP 34 51.87 -0.5
YKA 35.79 46 eP 36 48.00 -1.1
0.5s 17.50nm 5.2mb
BMW 36.93 75 eP 36 58.96 0.1
RMW 37.31 73 eP 37 02.18 0.1
LON 37.65 74 eP 37 05.17 0.3
VGB 38.89 75 eP 37 15.83 0.5
NEW 39.68 69 eP 37 20.50 -1.3
0.3s 10.90nm 5.3mb
RES 39.99 24 eP 37 25.50 1.5
ORV 41.77 83 eP 37 39.53 0.5
SES 42.11 63 ePc 37 40.00 -1.7
LRM 43.68 70 ePc 37 53.70 -1.1
MTUM 44.94 83 eP 38 05.31 0.4
HHA1 45.14 73 eP 38 06.88 0.5
TNP 45.32 82 eP 38 08.22 0.3
2.7s 200.07nm 5.5mb
PTI 45.39 73 eP 38 09.27 0.8
HYU 45.79 75 eP 38 11.73 0.2
TIA 46.25 276 eP 38 15.00 0.0
FCC 46.52 46 eP 38 18.50 1.7
TPNV 46.63 82 eP 38 18.84 0.6
0.2s 3.18nm 4.9mb
DUG 46.72 76 eP 38 19.39 0.5
0.6s 5.80nm 4.7mb
HHC 46.78 285 eP 38 20.40 1.1
BW06 47.12 71 eP 38 21.45 -0.7
0.8s 28.94nm 5.3mb
DAU 47.53 75 eP 38 25.75 0.2
MSU 48.15 78 eP 38 30.11 -0.1
EMUT 48.16 75 eP 38 30.14 -0.2
TIY 48.19 281 eP 38 31.20 0.9
SRU 48.78 76 eP 38 34.87 -0.1

PV09	50.01	76	eP	38 44.10	-0.5	DEPTH = 72.2 ± 8.4 km						eS	05 54.59			
ULM	50.14	76	eP	38 45.34	-0.2	NORTH ISLAND, NEW ZEALAND				(159)	RND	0.98 98	iPd	05 40.72	0.1	
ULM	50.36	56	eP	38 49.00	2.3						NEA	1.33 39	ePd	05 45.93	-0.7	
GOL	51.50	72	eP	38 55.37	-0.5	PGZ	0.15	20	Pc	20 18.00	-1.1		eS	06 05.53		
LZH	54.47	285	eP	39 14.48	76km				eS	20 22.50		MLY	1.49 4	iPd	05 48.79	0.0
	1.4s	24.00nm		5.0mb		BLW	0.82	222	P	20 27.10	1.7	WRH	1.58 53	ePd	05 49.55	-0.5
WMQ	58.50	302	P	39 46.00	-0.3	TEHZ	0.89	31	P	20 27.00	0.7	SKT	1.60 189	iPc	05 50.19	-0.2
WMOK	58.72	72	eP	39 46.93	-0.9	CAW	0.93	247	P	20 27.30	0.6		eS	06 11.55		
			iP	40 06.03	74km	MOW	0.98	227	P	20 28.60	1.3	CCB	1.78 51	iPd	05 52.28	-0.7
SDF	59.70	348	iP	39 52.60	-1.6	KIW	0.99	263	Pc	20 27.50	0.1		eS	06 13.86		
EEO	61.16	51	ePd	40 04.40	0.1	WAHZ	1.06	6	P	20 28.20	-0.2	MDM	1.86 39	iPd	05 53.46	-0.7
MIAR	61.92	69	eP	40 08.26	-1.4	WEL	1.21	244	P	20 31.00	0.8	FBA	1.95 45	ePnd	05 54.28	-1.1
KAF	64.77	347	iP	40 25.60	-2.3	MRW	1.23	247	Pd	20 31.20	0.7	PWA	1.98 164	P	05 55.90	0.1
	0.3s	3.60nm		4.8mb					eS	20 46.60		HDA	1.98 63	eP	05 55.76	-0.1
NUR	66.55	347	iP	40 37.70	-1.5	TTH	1.30	22	P	20 32.20	0.7	GHO	2.03 151	P	05 56.50	-0.2
	0.4s	2.50nm		4.5mb		BSZ	1.37	314	P	20 32.00	-0.3	SUA	2.10 177	iPd	05 57.92	0.2
NAO	67.66	354	P	40 44.80	-1.5	TCW	1.53	252	P	20 34.90	0.4	GLM	2.14 46	ePd	05 57.30	-0.9
	0.8s	5.60nm		4.5mb		CNZ	1.64	342	P	20 36.30	0.2		eS	06 25.55		
UPP	68.05	350	iP	40 47.80	-0.8	NGZ	1.64	343	P	20 36.20	0.0	SML	2.14 144	ePc	05 57.97	-0.3
HFS	68.14	353	eP	40 47.10	-2.1	DIW	1.74	268	P	20 37.00	-0.3		eS	06 25.63		
	0.4s	1.40nm		4.2mb		MOH	1.78	24	eP	20 38.90	1.0	PLRM	2.15 155	eP	05 58.30	0.0
LMN	68.24	43	eP	40 52.00	1.9	PAHZ	2.00	19	eP	20 41.40	0.3	PMR	2.15 155	ePn	05 58.09	-0.2
LHS	69.19	61	eP	40 54.90	-1.2	MAHZ	2.03	40	eP	20 41.90	0.6		eS	06 28.68		
HBF	70.59	61	eP	41 05.39	0.8	NRZ	2.25	308	P	20 44.70	0.3	NCG	2.22 194	iPc	05 58.73	-0.8
GEC2	79.31	351	P	41 53.80	-0.5	MOZ	2.50	334	eP	20 47.10	-0.7	CGLM	2.30 192	iPc	05 59.79	-0.8
	0.6s	0.81nm		3.9mb		TAZ	2.53	5	eP	20 47.20	-1.1	TTA	2.35 257	ePn	05 58.08	-3.2
FLN	80.10	0	eP	41 57.80	-0.6	NOZ	2.56	34	eP	20 48.70	0.0		ePg	06 02.84		
	0.3s	0.85nm		4.2mb		URZ	2.59	16	P	20 48.40	-0.7	TTA	2.35 257	eP	06 03.03	1.7
CDF	80.24	355	eP	41 58.00	-0.5				eS	21 17.30		CRP	2.36 194	ePnc	05 57.35	-4.1
	0.4s	0.95nm		4.1mb		KHZ	2.60	229	P	20 49.10	-0.1		eS	06 32.56		
LDF	80.27	360	eP	41 58.70	-0.6				eS	21 19.40		CP2	2.37 195	ePn	06 00.78	-0.9
	0.4s	4.00nm		4.7mb		QRZ	2.79	267	eP	20 51.20	-0.8		eS	06 31.77		
GRR	80.48	0	eP	42 00.10	-0.3	PUZ	3.12	31	eP	20 54.90	-1.6	BGL	2.39 196	ePn	06 01.10	-0.7
	0.5s	5.45nm		4.7mb					eS	21 30.90		CKN	2.40 194	eP	06 02.05	0.1
LOR	81.53	357	eP	42 06.20	0.2	DSZ	3.46	252	P	21 00.90	-0.5	PMS	2.41 163	eP	06 02.70	0.6
	0.4s	0.80nm		4.0mb		LTZ	3.57	234	eP	21 02.10	-0.8	SCM	2.42 134	eP	06 02.35	0.1
SSF	81.75	357	eP	42 06.90	-0.2				S	21 41.70		CKT	2.43 194	eP	06 01.96	-0.4
	0.3s	0.70nm		4.1mb		MQZ	3.96	221	eP	21 06.80	-1.4	SPU	2.43 192	ePc	06 02.10	-0.3
AVF	82.03	358	eP	42 08.10	-0.4				eS	21 49.60		CKL	2.45 195	eP	06 02.73	0.1
	0.3s	0.80nm		4.1mb		ODZ	5.92	222	eP	21 34.60	-1.1	KNK	2.45 150	ePd	06 03.18	0.5
SMF	82.16	357	eP	42 09.00	-0.2				eS	22 36.70		PAX	2.57 101	ePc	06 05.70	1.3
	0.5s	2.20nm		4.3mb		BWZ	6.00	229	eP	21 35.50	-1.2	TOA	2.65 121	P	06 06.40	0.8
RMQ	82.32	208	eP	42 10.70	0.6	WBZ	41.16	288	eP	27 49.90	2.4	SDG	2.69 110	iPc	06 06.90	0.8
	0.5s	7.00nm		4.8mb					S.D. = 1.0 on 32 of 32 obs.		IMA	2.77 337	ePnd	06 06.24	-1.1	
MAF	82.61	358	eP	42 12.20	0.6				* DEC 13, 1992 14h 25m 47.76± 1.66s		NKA	2.82 182	eP	06 10.29	2.4	
	0.4s	0.90nm		4.1mb					38.370 S ±18.5km 175.400 E ±12.4km		PTE	2.85 160	ePc	06 08.88	0.6	
HYB	83.32	289	ePc	42 15.50	-0.2				DEPTH = 180.0km (geophysicist)				eS	06 45.03		
		e		42 36.00		NORTH ISLAND, NEW ZEALAND				(159)	TZL	2.98 118	eP	06 12.13	2.1	
ASPA	84.98	221	iPd	42 23.70	-0.1	URZ	1.35	86	eP	26 17.50	-1.1	RDT	3.06 193	eP	06 12.82	1.5
	0.6s	11.00nm		5.1mb					S	26 39.20		DFR	3.07 196	eP	06 11.11	-0.4
GBA	86.97	288	P	42 33.00	-0.8	PAHZ	1.38	111	eP	26 19.10	0.1	SLKM	3.08 173	eP	06 12.34	0.8
STKA	89.56	212	iPd	42 46.20	0.6	BSZ	1.47	194	P	26 22.30	2.6	PRP	3.08 48	eP	06 11.58	-0.1
SLR	146.34	309	iPKPc	49 29.50	1.4	WAHZ	1.52	151	Pc	26 21.20	0.9	DOT	3.10 85	eP	06 13.75	1.9
	0.9s	12.60nm				TTH	1.61	137	eP	26 21.20	0.1	KLU	3.13 129	eP	06 12.98	0.6
PRY	147.73	309	e(PKP)	49 19.50	-10.8X	PGZ	2.35	164	eP	26 28.80	-0.2	RDN	3.16 196	eP	06 14.45	1.6
	S.D. = 1.1 on 71 of 77 obs.					KIW	2.52	188	P	26 31.60	0.5	MPA	3.17 165	eP	06 13.15	0.3
DEC 13, 1992 14h 01m 43.35± 0.55s						DIW	2.68	205	eP	26 34.10	1.1	REF	3.18 195	eP	06 13.92	0.8
44.371 N ± 4.1km 7.199 E ± 5.4km						CAW	2.75	185	P	26 34.10	0.3	RDW	3.20 196	eP	06 14.38	1.0
DEPTH = 10.0km (geophysicist)						MTW	2.79	178	P	26 33.80	-0.5	RS2	3.21 196	eP	06 14.66	1.1
NORTHERN ITALY (545)						MRW	2.91	190	P	26 36.10	0.4	RSO	3.21 196	eP	06 14.92	1.3
ML 1.9 (LDG), 1.7 (GEN).									eS	27 12.60		RS1	3.21 196	eP	06 14.81	1.2
PZZ	0.15	333	P	01 46.63	-0.4	WEL	2.95	189	P	26 36.40	0.2	GLI	3.25 144	eP	06 14.55	0.6
			S	01 48.92		TCW	2.97	197	eP	26 37.00	0.6	RED	3.25 196	eP	06 15.33	1.2
STV	0.16	144	P	01 47.17	0.1	BLW	3.00	179	eP	26 36.40	-0.4	VLZ	3.26 136	eP	06 14.69	0.6
			S	01 49.64		QOW	3.05	182	P	26 36.90	-0.6	SVW	3.26 223	(Pn)	06 11.38	-2.9
ENR	0.21	132	P	01 48.59	0.5	MRZ	3.31	221	eP	26 41.20	0.5			Lg	07 00.90	
			S	01 51.79		KHZ	4.29	199	P	26 52.80	-0.3	SVW	3.26 223	eP	06 15.48	1.2
BHB	0.47	6	P	01 53.03	0.1	DSZ	4.36	218	eP	26 53.30	-0.8	FID	3.52 141	eP	06 18.30	0.5
			S	01 59.39		LTZ	5.01	207	eP	27 01.40	-1.2	SEW	3.54 167	eP	06 19.82	1.8
SBF	0.54	161	Pg	01 53.10	-1.1	MQZ	5.72	200	eP	27 09.50	-2.3	KNIM	3.57 153	ePc	06 17.81	-0.7
			Sg	01 59.70					S.D. = 1.1 on 20 of 20 obs.		ILIM	3.61 196	eP	06 20.12	1.0	
IMI	0.68	133	P	01 56.65	-0.2				& DEC 13, 1992 15h 05m 22.33s		INE	3.64 197	eP	06 21.19	1.5	
FIN	0.74	102	P	01 58.21	0.3				63.552 N 151.002 W		INW	3.64 197	eP	06 20.27	0.6	
			S	02 08.89		CENTRAL ALASKA (1)					BRLK	3.80 179	eP	06 22.76	0.9	
FRF	0.90	206	Pg	02 01.10	0.5				DEPTH = 12.8km		HIN	3.81 144	eP	06 22.16	0.2	
			Sg	02 10.70					<AEIC>. ML 3.8 (AEIC), 4.0 (PMR).		FYU	3.89 36	eP	06 23.37	0.4	
LRG	1.10	214	Pg	02 04.70	0.7						CVA	3.90 138	eP	06 23.90	0.7	
			Sg	02 17.90		KTH	0.04	88	iPc	05 24.63	-0.3	MTU	3.91 155	P	06 23.10	-0.3
LMR	1.15	206	Pg	02 04.30	-0.6				eS	05 27.08		GLB	3.95 119	iPc	06 25.13	1.2
			Sg	02 18.50		TRF	0.34	107	iPd	05 29.54	0.0	OPT	4.06 196	eP	06 27.46	2.1
									eS	05 34.15		PDB	4.07 203	eP	06 24.84	-0.8
S.D. = 0.6 on 10 of 10 obs.											SGAM	4.10 136	eP	06 25.95	-0.1	
DEC 13, 1992 14h 20m 08.68± 0.56s											RAGM	4.36 134	eP	06 30.74	1.0	
40.757 S ± 5.4km 176.206 E ± 6.5km						HUR	0.84	132	iPd	05 38.14	-0.2	HMT	4.53 132	eP	06 32.29	0.1
						MCK	0.94	78	ePd	05 40.48	0.5	CROM	4.63 124	eP	06 34.36	0.6
											MCNL	4.67 202	eP	06 33.40	-0.7	
											BALM	4.76 118	ePd	06 35.76	0.2	

13d 15h

CDD 4.81 197 eP 06 36.34 0.2
 SYI 5.01 188 eP 06 40.21 1.4
 SNH 5.13 128 eP 06 41.94 1.2
 CTGM 5.21 116 eP 06 42.95 1.1
 YAH 5.41 122 eP 06 44.77 -0.1
 KDC 5.87 188 (P) 06 54.30 3.3
 ANM 6.39 286 (P) 06 54.74 -3.6
 YKA 16.41 77 eP 09 13.30 -0.2

0.6s 0.40nm 2.7mb X
 87 obs. associated

DEC 13, 1992 15h 22m 56.80 ± 0.82s
 17.292 N ± 7.0km 120.444 E ± 9.4km
 DEPTH = 47.2 ± 10.5 km
 4.2mb (8 obs.)

LUZON, PHILIPPINE ISLANDS (249)

BCP 0.88 170 eP 23 13.60 0.6
 BAG 0.89 172 ePc 23 54.00 0.8
 PIP 1.04 9 ePc 23 09.50 -5.7X
 CVP 1.38 72 ePd 23 20.25 0.3
 TGY 3.21 171 ePc 23 54.00 8.1X
 BBP 3.51 25 ePc 23 49.00 -1.3
 PGP 3.80 173 ePc 23 59.00 4.6X
 QIZ 10.22 281 eP 25 24.20 0.3
 GYA 15.70 308 P 26 40.00 3.4X
 XAN 19.62 330 P 27 23.50 -0.8
 CD2 20.35 315 eP 27 30.80 -1.3
 CHG 20.50 278 eP 27 32.00 -1.6
 TIY 21.53 342 eP 27 42.40 -1.6

Z 16s 0.48um 4.0mszX
 N 14s 0.29um

BJI 22.97 352 eP 27 58.00 0.0
 LZH 23.82 325 eP 28 07.50 1.0
 Z 14s 0.30um 3.9mszX
 HHC 24.70 344 eP 28 16.60 1.7
 BTO 24.91 341 eP 28 17.20 0.2
 GTA 28.42 325 eP 28 50.00 0.8

Z 12s 0.30um 4.1mszX
 WB2 39.44 159 eP 30 22.40 -1.9
 ASPA 42.78 162 eP 30 50.70 -0.9
 KAF 76.80 331 iP 34 45.00 0.1
 KSP 85.39 322 eP 35 31.70 1.3
 GEC2 87.71 321 P 35 43.60 1.7

1.2s 1.63nm 4.2mb
 YKA 89.57 22 eP 35 51.00 0.6
 S.D. = 1.2 on 20 of 24 obs.

% DEC 13, 1992 15h 41m 54.64 ± 1.43s
 40.814 N ± 6.6km 27.637 E ± 17.0km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 2.7 (ISK).

EDC 0.50 160 iPg 42 04.00 -0.7
 BNT 0.51 155 iPg 42 05.00 0.1
 KCT 0.79 136 iPg 42 10.20 0.2
 DMK 1.01 5 ePg 42 13.70 -0.1
 YLV 1.34 100 ePn 42 19.20 -0.2
 DST 1.43 148 iPn 42 21.30 0.7

S.D. = 0.6 on 6 of 6 obs.

? DEC 13, 1992 15h 53m 49.26 ± 1.08s
 8.474 S ± 14.5km 122.552 E ± 12.3km
 DEPTH = 33.0km (normal)

FLORES REGION, INDONESIA (286)

KNA 9.44 141 eP 56 04.50 -1.6
 MTN 9.48 118 eP 56 06.50 -0.2

0.7s 41.00nm 5.7mb X
 S.D. = 0.6 on 6 of 6 obs.

? DEC 13, 1992 15h 53m 49.26 ± 1.08s
 8.474 S ± 14.5km 122.552 E ± 12.3km
 DEPTH = 33.0km (normal)

FLORES REGION, INDONESIA (286)

KNA 9.44 141 eP 56 04.50 -1.6
 MTN 9.48 118 eP 56 06.50 -0.2

0.7s 41.00nm 5.7mb X
 S.D. = 0.6 on 6 of 6 obs.

? DEC 13, 1992 15h 53m 49.26 ± 1.08s
 8.474 S ± 14.5km 122.552 E ± 12.3km
 DEPTH = 33.0km (normal)

FLORES REGION, INDONESIA (286)

KNA 9.44 141 eP 56 04.50 -1.6
 MTN 9.48 118 eP 56 06.50 -0.2

0.7s 41.00nm 5.7mb X
 S.D. = 0.6 on 6 of 6 obs.

? DEC 13, 1992 15h 53m 49.26 ± 1.08s
 8.474 S ± 14.5km 122.552 E ± 12.3km
 DEPTH = 33.0km (normal)

FLORES REGION, INDONESIA (286)

KNA 9.44 141 eP 56 04.50 -1.6
 MTN 9.48 118 eP 56 06.50 -0.2

0.7s 41.00nm 5.7mb X
 S.D. = 0.6 on 6 of 6 obs.

? DEC 13, 1992 15h 53m 49.26 ± 1.08s
 8.474 S ± 14.5km 122.552 E ± 12.3km
 DEPTH = 33.0km (normal)

FLORES REGION, INDONESIA (286)

KNA 9.44 141 eP 56 04.50 -1.6
 MTN 9.48 118 eP 56 06.50 -0.2

0.7s 41.00nm 5.7mb X
 S.D. = 0.6 on 6 of 6 obs.

? DEC 13, 1992 15h 53m 49.26 ± 1.08s
 8.474 S ± 14.5km 122.552 E ± 12.3km
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 S.D. = 0.6 on 6 of 6 obs.

? DEC 13, 1992 15h 53m 49.26 ± 1.08s
 8.474 S ± 1

RMQ	37.06	143	eP	08 11.70	-0.3	0.5s	0.40nm	4.2mb	0.5s	1.00nm	4.1mb
			e	09 38.00	455kmX	PEL	146.45	156 iPKPd	20 40.50	2.9	
BJI	37.86	349	eP	08 17.50	-1.0	TCA	150.25	163 iPKPc	20 50.00	6.4X	
	1.1s	27.00nm			4.8mb	CNCB	161.09	138 PKP	21 01.00	2.6	
STKA	37.94	157	iPc	08 19.70	0.4	LPB	161.20	137 ePKP	20 57.00	-1.4	
			iS	13 57.00		ZOBO	161.35	136 PKP	21 01.20	2.4	
LZH	38.46	332	P	08 23.80	0.1	S.D. = 1.3 on 81 of 86 obs.					
	1.4s	63.00nm			5.1mb	DEC 13, 1992 19h 50m 13.66± 1.22s					
CMS	39.44	152	eP	08 30.50	-1.2	9.228 S ± 8.9km 74.829 W ± 9.6km					
	0.6s	7.00nm			4.4mb	DEPTH = 79.0 ± 12.8 km					
HHC	39.73	344	eP	08 33.60	-0.5	4.7mb (23 obs.)					
	1.2s	12.00nm			4.4mb	CENTRAL PERU (116)					
ADE	39.75	162	eP	08 35.20	0.9	ARE	7.89	156 eP	52 10.00	1.8	
BTO	39.95	342	eP	08 37.40	1.5	ZOBO	9.59	138 P	52 30.10	-1.6	
BRS	40.20	140	iPd	08 36.00	-2.0	LPB	9.78	139 P	52 36.00	1.8	
	1.0s	8.00nm			4.2mb	CNCB	10.06	139 P	52 38.00	-0.1	
CN2	40.74	0	eP	08 43.00	0.8	CCH	11.71	135 eP	52 58.00	-1.9	
ARMA	41.67	145	iPd	08 51.20	1.1	SIV	15.01	118 P	53 42.00	-0.9	
	0.6s	36.00nm			5.1mb	HJA	16.58	148 ePc	54 03.20	0.6	
LSA	41.83	313	P	08 53.10	1.2	SDV	18.47	13 eP	54 26.40	0.2	
BFD	43.02	160	iPd	09 02.00	1.1	TOV	19.54	15 eP	54 36.40	-1.5	
		e		10 42.60	560kmX	BAO	26.95	106 e(P)	55 42.00	-8.0X	
GTA	43.03	331	eP	09 01.00	-0.1			e	55 43.00		
	1.5s	14.00nm			4.3mb			e	55 44.80		
		pP		09 43.00	194km			e	55 46.10		
BWA	43.09	151	iPc	09 03.70	2.2	VVO	48.53	337 e(P)	58 49.40	-1.3	
CAN	44.10	152	iPc	09 10.80	1.2	RLO	48.99	338 eP	58 54.30	0.0	
		e		10 00.40	233kmX	LNO	49.05	337 eP	58 54.60	0.0	
		ePP		10 55.40		LNO2	49.05	337 eP	58 54.60	0.0	
CNB	44.27	151	eP	09 11.90	0.9	LNO3	49.05	337 eP	58 54.80	0.1	
TOO	44.47	157	iPc	09 14.10	1.6	TUL	49.05	337 P	58 54.90	0.2	
	1.0s	196.00nm			5.6mb		0.4s	4.20nm	4.8mb		
HYB	47.92	291	eP	09 40.00	0.1	SIO	49.11	337 e(P)	58 55.50	0.4	
	1.0s	30.00nm			4.7mb	WMOK	49.26	334 eP	58 56.64	0.3	
		e		10 19.00	175kmX	ALQ	53.15	327 ePc	59 26.78	0.9	
GBA	48.31	286	P	09 44.00	1.2		0.8s	2.78nm	4.3mb		
CIT	49.89	351	eP	09 54.00	-0.4	EEO	55.74	356 eP	59 52.50	8.1X	
ZAK	50.81	342	eP	10 00.50	-0.9			pP	00 21.50	122kmX	
	1.4s	12.00nm			4.3mb	SRU	58.42	328 ePc	00 04.04	0.4	
		e		11 16.00	367kmX	RSSD	59.33	336 eP	00 09.46	-0.5	
		e		11 58.00			0.4s	3.95nm	4.9mb		
WMO	52.52	326	P	10 13.30	-1.1	DAU	59.76	328 ePd	00 13.67	0.6	
	1.0s	27.00nm			4.9mb	DUG	60.42	327 ePd	00 18.12	0.7	
		pP		10 56.00	190km		0.6s	3.29nm	4.6mb		
MOY	52.66	341	eP	10 14.90	-0.2	BW06	60.69	331 eP	00 18.24	-1.0	
BOD	55.49	353	eP	10 33.30	-2.3		0.7s	3.02nm	4.5mb		
PRZ	57.32	320	iPc	10 49.00	0.0	LRM	64.35	332 eP	00 43.30	-0.2	
	1.5s	70.00nm			5.2mb	ORV	65.00	322 eP	00 48.33	0.8	
KSH	57.50	316	P	10 51.00	0.7	SES	67.21	336 eP	01 01.00	-0.5	
YAK	59.09	3	eP	11 00.00	-0.7	FCC	69.53	349 eP	01 17.00	1.4	
		i		11 37.80	161kmX	LIC	71.23	80 P	01 19.90	-6.9X	
ELT	59.52	334	eP	11 02.00	-1.8	TIC	71.33	80 P	01 21.00	-6.4X	
	1.0s	14.00nm			4.7mb	KIC	71.54	80 P	01 22.00	-6.7X	
		e		11 36.00	143kmX	YKA	77.81	342 eP	02 01.10	-2.5	
		eS		20 29.00			0.6s	1.70nm	4.1mb		
FRU	59.94	319	eP	11 05.00	-1.9	ECOG	80.97	50 eP	02 21.50	0.2	
BWZ	61.81	145	eP	11 19.60	0.3	EHUE	81.88	50 eP	02 21.60	-4.4X	
KHZ	62.78	141	P	11 24.80	-1.0	EVIA	82.20	49 eP	02 24.00	-3.7X	
URZ	63.03	136	eP	11 27.00	-0.5	ECHE	83.63	48 eP	02 48.00	13.1X	
MNG	63.08	139	P	11 26.60	-1.3	EGRA	84.88	46 eP	02 40.50	-0.5	
NOZ	63.84	136	P	11 32.60	-0.2	EPF	85.59	45 eP	02 44.80	0.1	
BRVK	67.24	328	iPd	11 52.00	-2.3		0.8s	3.10nm	4.4mb		
	1.0s	13.00nm			4.6mb	MFF	86.31	42 eP	02 48.50	0.5	
		eS		20 34.00			0.9s	9.15nm	4.8mb		
TIK	68.69	1	iPd	12 02.00	-0.8	GRR	86.39	40 eP	02 48.80	0.4	
	1.0s	38.00nm			5.1mb		0.7s	5.50nm	4.7mb		
		e		12 41.00	162kmX	LFF	86.41	44 eP	02 49.10	0.5	
		iS		20 48.00			0.6s	8.85nm	5.6mb		
MAIO	68.77	308	iPc	12 04.00	-0.2	LPO	86.64	44 eP	02 50.10	0.4	
		ePPS		21 28.00			0.6s	3.25nm	4.6mb		
ASH	70.01	309	eP	12 11.00	-0.6	FLN	86.74	40 eP	02 50.60	0.5	
NRI	70.79	347	eP	12 14.00	-1.7		1.0s	10.40nm	4.9mb		
	1.0s	18.00nm			4.8mb	CAF	87.31	44 eP	02 53.60	0.6	
ARU	74.77	328	eP	12 37.00	-2.2		0.7s	2.20nm	4.4mb		
SVW	82.28	29	eP	13 21.33	1.6	TCF	87.78	43 eP	02 55.00	-0.2	
	0.9s	65.89nm			5.4mb						
IMA	83.79	24	eP	13 28.39	0.9						
	0.6s	5.84nm			4.5mb						
FBA	86.15	25 (P)		13 39.80	0.8						
OBN	86.82	325	eP	13 42.00	-0.4						
	0.8s	15.00nm			4.9mb						
KAF	91.60	332	eP	14 03.60	-1.1						
NAO	99.08	333	P	14 36.80	-2.1						
	0.9s	3.40nm			4.8mb						
YKA	100.91	24	ePd	14 47.90	1.0						

13d 20h

RIY 0.08 307 iPg 25 44.50 -1.0
 CEY 0.44 356 e(Pg) 25 52.00 -0.1
 LJU 0.75 3 ePg 25 58.00 0.3
 VOY 0.84 331 e(Pg) 25 59.00 -0.3
 RBL 1.31 331 P 26 07.40 0.1
 FVI 1.75 318 P 26 14.50 0.9
 S.D. = 0.8 on 6 of 6 obs.

? DEC 13, 1992 20h 32m 53.78 ± 8.35s
 32.386 S ± 53.9km 71.837 W ± 45.0km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.4 (SAN).

ROCH 0.91 130 iPd 33 09.59 -0.8
 JACH 1.09 106 iPd 33 13.11 0.2
 LCCH 1.11 168 iPd 33 12.83 -0.2
 PEL 1.23 128 iP+ 33 14.71 -0.1
 TACH 1.47 149 iPd 33 18.99 0.7
 FCH 1.61 126 iP+ 33 20.57 0.1
 LNV 1.61 167 iP+ 33 20.05 -0.1
 PCH 1.66 138 iP 33 21.18 0.1
 S.D. = 0.5 on 8 of 8 obs.

* DEC 13, 1992 21h 00m 13.40 ± 1.68s
 45.290 N ± 15.3km 14.592 E ± 5.0km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 2.3 (TRI).

RIY 0.15 290 iPg 00 16.90 -0.1
 CEY 0.46 346 ePg 00 22.20 -0.6
 VBY 0.52 65 ePg 00 22.50 -1.3
 TRI 0.72 306 ePg 00 26.70 -0.8
 LJU 0.75 357 ePg 00 28.50 0.3
 VOY 0.89 327 ePg 00 29.50 -1.0
 ZAG 1.11 61 e(Pg) 00 35.20 1.0
 PTJ 1.14 57 ePg 00 34.90 0.2
 RBL 1.36 329 P 00 39.00 0.6
 FVI 1.82 317 P 00 46.00 1.1
 GEC2 3.61 351 Pn 01 11.20 0.6
 S.D. = 0.9 on 11 of 11 obs.

& DEC 13, 1992 21h 10m 50.19s
 33.978 N 116.314 W
 DEPTH = 1.0km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS).

PEC 0.71 263 eP 11 03.43 -0.9
 PLM 0.77 216 iPd 11 04.82 -0.8
 SSK 1.17 282 eP 11 11.74 -1.2
 ISA 2.45 314 ePn 11 30.46 -1.6
 4 obs. associated

& DEC 13, 1992 21h 42m 19.17s
 63.207 N 150.604 W
 DEPTH = 134.0km
 2.8mb (1 obs.)
 CENTRAL ALASKA (1)
 <AEIC>.

TRF 0.28 30 iPc 42 37.83 1.4
 KTH 0.38 338 iPd 42 37.99 1.3
 HUR 0.50 117 iPc 42 38.46 -0.5
 RND 0.82 75 iPc 42 40.73 -0.5
 MCK 0.92 54 iPc 42 41.65 -0.4
 SKT 1.30 200 iPd 42 45.29 -0.5
 NEA 1.53 25 iPc 42 47.24 -1.0
 PWA 1.60 167 P 42 48.90 -0.1
 GHO 1.64 151 P 42 49.20 -0.4
 WRH 1.69 40 iPc 42 49.26 -0.8
 SUA 1.75 182 eP 42 51.36 0.4
 SML 1.76 142 iPc 42 50.19 -0.7
 PLRM 1.76 156 iPc 42 50.10 -0.7
 PMR 1.76 156 eP 42 49.71 -1.1
 MLY 1.83 358 eP 42 50.86 -0.9
 CCB 1.90 39 iPc 42 51.71 -0.8
 NCG 1.95 203 eP 42 52.73 -0.6
 CGLM 2.02 200 iPc 42 53.87 -0.2
 HDA 2.02 52 ePc 42 53.09 -0.9
 PMS 2.03 166 P 42 53.50 -0.7
 SCM 2.05 131 iPc 42 53.57 -0.9
 KNK 2.06 150 iPc 42 53.95 -0.6
 CRP 2.08 201 eP 42 53.83 -1.1
 CP2 2.10 202 ePn 42 54.65 -0.5
 FBA 2.10 35 P 42 54.20 -0.8
 BGL 2.12 204 ePc 42 55.32 -0.1
 KKN 2.12 201 eP 42 55.54 0.2
 SPU 2.14 199 ePd 42 55.14 -0.5
 CKT 2.15 201 eP 42 55.56 -0.1
 CKL 2.18 203 eP 42 55.81 -0.3
 THY 2.20 82 ePc 42 57.07 0.8
 GLM 2.28 37 iPc 42 56.54 -0.7
 TOA 2.33 116 P 42 57.70 -0.2
 PAX 2.35 94 iPc 42 57.83 -0.4
 SDG 2.42 104 eP 42 58.50 -0.5
 PTE 2.47 162 eP 42 58.78 -0.8
 TTA 2.48 266 eP 42 57.98 -1.9
 NKA 2.49 187 eP 43 02.82 2.9
 TZL 2.66 114 eP 43 02.07 -0.1
 SLKM 2.72 176 ePc 43 02.46 -0.4
 RDT 2.78 199 eP 43 04.55 0.9
 KLU 2.78 126 iPc 43 02.38 -1.4
 MPA 2.79 167 eP 43 02.79 -1.0
 DFR 2.80 202 eP 43 03.72 -0.3
 GLI 2.86 143 ePc 43 03.34 -1.4
 NCT 2.87 204 eP 43 05.31 0.3
 VLZ 2.89 134 ePc 43 03.70 -1.3
 REF 2.90 201 eP 43 05.20 -0.2
 RDW 2.93 202 eP 43 05.45 -0.3
 RS2 2.94 201 eP 43 05.80 -0.1
 RSO 2.94 201 eP 43 05.54 -0.4
 RS1 2.94 201 eP 43 06.54 0.6
 DOT 2.97 79 iPc 43 05.19 -1.0
 RED 2.98 201 eP 43 06.31 -0.1
 FID 3.14 140 eP 43 07.07 -1.3
 SVW 3.16 230 P 43 08.00 -0.7
 SEW 3.16 169 eP 43 07.82 -0.8
 KNIM 3.18 153 eP 43 07.10 -1.7
 ILIM 3.33 201 eP 43 10.78 -0.2
 LTI 3.44 156 iPc 43 10.74 -1.5
 CVA 3.52 137 eP 43 12.91 -0.5
 MTU 3.52 155 P 43 12.10 -1.4
 GLB 3.63 116 ePc 43 14.06 -0.9
 PDB 3.84 208 eP 43 17.39 -0.2
 RAGM 3.99 133 eP 43 18.33 -1.4
 AUW 4.09 201 P 43 22.30 1.3
 AUH 4.09 201 P 43 21.70 0.6
 HMT 4.17 131 eP 43 20.54 -1.5
 CROM 4.29 122 eP 43 22.72 -1.2
 MCNL 4.42 206 eP 43 25.98 0.5
 BALM 4.45 116 eP 43 24.52 -1.4

CDD 4.54 200 eP 43 27.31 0.3
 SYI 4.69 192 eP 43 28.73 -0.4
 SNH 4.78 126 eP 43 29.53 -0.8
 CTGM 4.90 113 eP 43 31.44 -0.6
 YAH 5.08 120 eP 43 33.26 -1.3
 YKA 16.31 76 eP 46 01.70 0.3
 0.5s 0.30nm 2.8mb
 77 obs. associated

* DEC 13, 1992 22h 10m 17.94 ± 0.59s
 8.423 S ± 8.6km 122.691 E ± 12.4km
 DEPTH = 33.0km (normal)
 4.6mb (6 obs.) 4.1msz (1 obs.)
 FLORES REGION, INDONESIA (286)

MTN 9.39 119 eP 12 36.00 2.0
 KNA 9.40 141 eP 12 35.00 0.9
 0.4s 25.00nm 5.8mb X
 NANU 15.65 205 eP 13 56.00 -1.8
 WB2 16.08 137 eP 14 01.10 -2.2
 0.5s 6.90nm 4.0mb
 MEEK 18.52 192 eP 14 35.00 1.2
 0.7s 35.00nm 4.7mb
 ASPA 18.58 146 eP 14 37.70 3.2X
 Z 18s 1.20um
 OIS 20.31 128 eP 14 59.00 4.9X
 MRWA 21.62 196 eP 15 05.80 -1.5
 0.4s 5.00nm 4.3mb
 KGM 21.92 297 eP 15 12.00 1.6
 BAL 22.77 193 eP 15 18.50 -0.2
 MUN 24.20 194 eP 15 34.00 1.4
 IPM 25.17 300 ePc 15 44.10 2.0
 STKA 29.22 146 eP 16 23.30 4.4X
 RMO 30.56 129 eP 16 37.20 6.2X
 0.8s 12.00nm 4.7mb
 CHG 35.79 319 eP 17 15.00 -1.3
 1.2s 23.44nm 5.0mb
 KMI 38.59 330 eP 17 47.00 6.9X
 XAN 44.20 344 P 18 24.50 -1.3
 LZH 47.69 339 eP 18 53.00 -0.6
 2.0s 20.00nm 4.8mb
 Z 22s 0.25um 4.1msz
 LSA 48.55 323 P 19 00.90 0.1
 BJI 48.59 353 eP 19 03.00 2.7X
 GBA 49.97 296 P 19 10.70 -0.6
 HHC 50.09 349 eP 19 09.50 -2.4
 BTO 50.16 347 eP 19 14.00 1.5
 HYB 50.61 301 ePc 19 16.40 0.2
 GTA 52.11 338 eP 19 31.00 3.7X
 WMO 60.91 332 P 20 29.20 -0.8
 KSH 64.33 321 P 20 54.80 1.9
 MAIO 74.06 311 eP 21 56.00 3.2X
 CNCB 152.80 157 ePKP 30 17.00 9.7X
 LPB 153.00 157 ePKP 30 15.00 7.6X
 ZOBO 153.21 156 PKP 30 13.00 5.1X
 S.D. = 1.6 on 20 of 31 obs.

? DEC 13, 1992 23h 01m 30.65 ± 4.16s
 6.744 N ± 40.5km 80.440 W ± 16.0km
 DEPTH = 33.0km (normal)
 3.8mb (1 obs.)
 SOUTH OF PANAMA (83)

UPA 2.40 22 ePc 02 08.86 0.4
 iS 02 32.95
 DVD 2.61 310 iPd 02 12.09 0.7
 eS 02 44.00
 ECO 2.71 16 iPd 02 12.46 -0.4
 iS 02 40.01
 BRU 2.94 314 ePd 02 15.86 -0.6
 YKA 61.00 343 eP 11 42.80 -0.1
 0.9s 0.70nm 3.8mb
 S.D. = 0.8 on 5 of 5 obs.

? DEC 14, 1992 00h 48m 00.15 ± 5.48s
 9.542 S ± 97.5km 124.132 E ± 14.1km
 DEPTH = 33.0km (normal)
 TIMOR REGION, INDONESIA (289)

KUG 0.80 221 eP 48 15.00 0.1

MTN 7.61 116 e 52 29.00
KNA 7.65 144 eP 49 52.00 0.4
WB2 14.30 137 eP 51 21.20 -1.2
eS 54 13.20
ASPA 16.87 148 eP 51 55.30 -0.2
eS 55 12.00
S.D. = 1.1 on 5 of 5 obs.

? DEC 14, 1992 00h 55m 07.62±1.28s
6.292 S ±13.6km 154.105 E ±13.1km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)

SOLOMON ISLANDS (193)

RAB 2.84 317 e(P) 55 52.00 0.3
iS 56 30.00
LAT 7.07 267 eP 56 50.30 -1.2
PMG 7.54 245 eP 56 58.50 0.4
0.9s 75.63nm 5.7mb X
DZM 19.70 144 iPc 59 37.10 -0.4
WB2 23.50 233 iPc 00 16.30 0.7
ASPA 26.00 226 eP 00 39.60 0.1
0.6s 6.20nm 4.4mb
S.D. = 0.9 on 6 of 6 obs.

DEC 14, 1992 00h 56m 34.46±0.69s
36.553 N ±8.6km 105.665 E ±8.1km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)

WESTERN NEI MONGOL, CHINA (323)

ML 4.1 (BJI).

LZH 1.54 253 iPg 57 02.50 0.3
Sg 57 21.00
XAN 3.66 132 Pn 57 33.50 1.2
N 10s 0.87um
E 10s 0.65um

BTO 5.29 39 Pn 58 01.20 5.7X
Pg 58 14.30
Sg 59 21.80
GTA 5.43 303 Pn 57 57.50 -0.1
Pg 58 17.50
Sn 58 59.00
Sg 59 23.00

TIY 5.53 76 ePn 57 59.80 0.9
Pg 58 17.20
Sn 59 02.40
Sg 59 32.00

CD2 5.85 196 Pn 58 03.20 -0.1
Sn 59 08.40
Sg 59 40.00

HHC 6.30 45 Pnc 58 14.60 4.8X
Pg 58 34.80
Sg 59 50.60

BJI 8.97 64 eP 59 22.00 35.1X
1.3s 20.00nm
Z 12s 0.54um

GYA 10.10 175 P 59 01.00 -1.7
WMO 15.52 303 eP 00 15.50 0.6
CHG 18.64 200 eP 00 55.80 1.5
WB2 62.39 149 eP 06 58.60 -1.1
FBA 63.99 27 eP 07 14.20 4.3X
1.0s 1.10nm 4.0mb
YKA 76.12 18 eP 08 22.30 -1.4
0.8s 0.80nm 3.9mb

S.D. = 1.3 on 10 of 14 obs.

DEC 14, 1992 01h 10m 52.61±0.60s
47.739 N ±7.0km 16.070 E ±5.5km
DEPTH = 10.0km (geophysicist)

AUSTRIA (546)

ML 3.4 (GRF), 3.0 (BRA), 2.8

(VIE). Felt (IV) at Ternitz.

SOP 0.33 99 iPh 10 59.40 -0.1
VKA 0.55 18 iPg 11 04.00 0.2
iSg 11 14.00

ZST 0.83 56 iPh 11 08.00 -0.7
i(Pg) 11 10.00
i(Sn) 11 20.70
Lg 11 23.00

PTJ 1.84 182 ePh 11 26.10 1.5
iSh 11 47.40

GEC2 1.93 306 Pg 11 26.00 0.1

KBA 1.97 251 iPg 11 27.50 1.0
i(Sg) 11 58.00

RBL 2.15 234 P 11 27.50 -1.5
eSn 11 52.10
KHC 2.17 311 Pn 11 30.00 0.7
e 11 32.50
Sn 11 52.50
Sg 11 57.50

VBY 2.30 194 e(Pn) 11 34.00 2.8X
e(Sn) 12 05.20

PRU 2.47 336 eP 11 37.50 4.0X
0.5s 25.30nm
Pg 11 39.50
Sg 12 05.30
i 12 15.20

FVI 2.52 244 P 11 33.20 -1.0
eSn 12 04.20
WET 2.55 305 iPnc 11 39.00 4.3X
WTTA 3.04 263 iPnd 11 41.50 -0.3
iPg 11 47.00
iSg 12 25.90

GRF 3.76 303 ePg 12 02.50 10.6X
eSg 12 49.50
MOX 4.12 317 ePg 12 10.00 13.0X
iSg 13 00.20

S.D. = 1.0 on 10 of 15 obs.

* DEC 14, 1992 01h 21m 27.79±1.05s
6.918 N ±13.6km 73.208 W ±22.5km
DEPTH = 161.9 ±10.3 km
4.4mb (1 obs.)

NORTHERN COLOMBIA (99)

BMG 0.20 41 iPc 21 49.00 -2.1
BOG 2.43 201 eP 22 11.50 2.0
eS 22 42.00

SDV 3.21 52 iPnc 22 20.00 0.9
iSn 22 57.80
TOV 4.42 50 ePnc 22 35.10 0.5
ePP 22 35.70
iSn 23 25.80

ZOBO 23.60 168 P 26 25.00 -0.9
LPB 23.84 168 eP 26 28.00 0.0
CNCB 24.14 168 P 26 30.30 -0.6
LMN 39.46 9 eP 28 49.50 5.8X
ULM 47.17 340 eP 29 51.00 5.4X
YKA 63.14 340 eP 31 40.30 0.1
0.6s 2.90nm 4.4mb

S.D. = 1.6 on 8 of 10 obs.

? DEC 14, 1992 02h 16m 17.20±1.02s
8.993 S ±13.7km 121.923 E ±15.2km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)

FLORES REGION, INDONESIA (286)

KUG 2.02 125 eP 16 59.00 9.4X
eS 17 37.50
e 21 14.00

MKS 4.47 327 iPc 17 24.50 0.1
KNA 9.47 136 eP 18 36.00 1.5
eS 20 21.00

MTN 9.82 114 iPd 18 37.90 -1.3
iS 20 22.00

MBL 12.26 189 eP 19 12.00 -0.5
0.3s 4.00nm 5.0mb X
WB2 16.22 134 eP 20 03.60 -0.7
eS 23 00.30

ASPA 18.55 143 eP 20 38.20 4.7X
0.5s 16.60nm 4.5mb
eS 23 55.60

OIS 20.58 126 iPd 20 57.00 0.9
CNCB 152.56 159 PKP 36 18.00 11.8X
ZOBO 152.98 158 PKP 36 18.00 11.1X
S.D. = 1.4 on 6 of 10 obs.

DEC 14, 1992 02h 45m 59.26±0.22s
13.655 N ±5.4km 145.000 E ±6.7km
DEPTH = 97.4km (6 depth phases)
5.0mb (19 obs.)

MARIANA ISLANDS (216)

Felt (V) on Guam and (III) on

Saipan.

GUA 0.14 217 eP 46 14.70 0.5
PJG 0.15 243 Pn 46 14.20 0.0

Pg 46 14.70
Sn 46 25.20
ANAT 2.76 13 P 46 45.00 2.5X
S 47 20.00

BIP 19.18 256 ePd 50 19.00 1.0
CGP 20.58 258 eP 50 30.00 -2.5
PMG 23.01 175 eP 50 54.00 -2.5
1.0s 34.00nm 4.6mb

MAT 23.59 346 (PKP) 51 00.00 -2.0
CTA 33.55 178 P 52 33.40 1.5
WB2 34.99 198 iPc 52 44.40 0.1
i 52 51.30 24kmX
eS 58 44.30

WRA 35.00 198 eP 52 48.00 3.7X
BJI 36.47 321 eP 52 57.00 0.5
pP 53 20.00 98km
TIY 37.57 316 eP 53 06.00 0.1
GYA 38.05 296 P 53 11.60 1.4

1.0s 12.00nm 4.8mb
pP 53 35.20 102km
PcP 55 24.60
XAN 38.45 308 P 53 09.00 -4.4X
pP 53 37.50 127kmX

ASPA 38.65 196 eP 53 15.90 0.9
Z 20s 0.70um 4.5msz
i 53 23.20 25kmX
eS 58 51.00

HHC 39.80 319 eP 53 25.00 1.3
RMO 40.07 175 iPc 53 26.80 0.1
1.0s 33.00nm 5.1mb

BTO 40.66 318 eP 53 32.10 0.5
DZM 41.27 149 iPc 53 36.80 0.2
i 55 35.80

MBL 42.52 216 eP 53 37.00 -9.8X
0.4s 6.00nm 4.8mb
LZH 43.08 309 eP 53 52.50 1.0
1.5s 27.00nm 4.9mb

Z 25s 0.59um 4.4mszX
E 16s 0.61um
pP 54 16.00 100km
NNT 44.05 274 eP 53 51.40 -8.0X
ARMA 44.28 172 eP 54 01.60 0.5

i 54 26.70 108kmX
STK 45.39 184 eP 54 09.30 -0.4
e 54 14.00 16kmX
GTA 47.23 312 eP 54 25.00 0.6
pP 54 48.00 96km

BFD 50.61 183 eP 54 50.50 0.4
TOO 50.95 179 iPd 54 54.00 1.2
0.4s 35.00nm 5.7mb

i 54 59.90 20kmX
i 55 19.00
LSA 52.08 297 P 55 03.10 1.0
WMO 57.18 314 P 55 38.00 -0.5
0.5s 8.40nm 5.0mb

pP 56 02.20 98km
MNG 60.95 154 eP 56 02.70 -1.6
KHZ 61.66 156 eP 56 07.00 -2.0
HYB 63.85 283 eP 56 35.50 11.4X

BGL 65.07 28 eP 56 29.58 -1.8
IMA 66.14 23 eP 56 33.16 -5.0X
PMR 66.67 28 eP 56 38.31 -3.0
FBA 68.11 25 eP 56 49.80 -0.6

MAIO 78.47 305 eP 57 54.00 2.5X
e 58 18.00 91km
PGC 80.90 42 eP 58 04.50 0.5
GMW 81.54 43 eP 58 07.85 0.4

SHW 82.17 44 iPc 58 11.80 0.9
RMW 82.21 43 eP 58 11.03 0.0
LON 82.35 44 iPd 58 11.39 -0.3
YKA 82.74 27 eP 58 12.40 -0.9
0.5s 4.20nm 4.6mb

LGPM 82.81 50 eP 58 15.00 0.7
VGB 83.31 45 eP 58 16.62 -0.1
ORV 84.09 51 P 58 21.79 1.1
RES 84.46 13 eP 58 22.50 0.7

DPW 84.49 42 eP 58 22.37 -0.2
ARN 84.56 53 ePd 58 23.65 0.5
NEW 85.10 42 eP 58 25.41 -0.2
1.1s 118.83nm 5.8mb

MEMM 86.49 52 eP 58 33.90 1.3
SES 88.27 38 eP 58 41.00 0.0
1.1s 50.00nm 5.5mb

TPNV 88.74 52 eP 58 44.37 0.7
0.3s 6.02nm 5.2mb
GSC 88.76 54 eP 58 44.22 0.5
LRM 88.86 43 ePd 58 44.00 -0.2

14d 02h

PEC	88.86	56 eP	59 03.30	69kmX		Z	20s	2.70um		KUMJ	39.62	268 P	59 29.10	1.0
	1.1s	20.18nm	58 44.04	-0.1	SDN	12.69	67 eP	55 03.59	-1.1	RES	39.69	25 eP	59 30.50	2.3
PLM	89.24	56 eP	58 47.50	1.3	SKR	14.21	273 eP	55 24.20	-0.2		1.0s	23.00nm		4.9mb
HHA1	89.70	45 ePc	58 49.27	1.2		0.8s	530.00nm		5.9mb	EKR	40.00	83 iPc	59 44.75	13.6X
PTI	89.84	46 eP	58 49.82	1.1			eS	57 51.70		FHC	40.03	83 ePc	59 33.52	2.0
HVU	89.90	47 eP	58 49.48	0.5	ANM	14.93	27 ePc	55 35.74	2.4		0.9s	201.53nm		5.9mb
DUG	90.37	48 eP	58 51.30	0.1	SVW	16.62	47 ePc	55 56.69	2.3	KMPM	40.18	84 iPc	59 34.73	2.0
	1.1s	28.64nm			TTA	17.20	41 ePc	56 03.44	1.9	KAGJ	40.53	258 P	59 36.70	1.2
KAF	90.71	336 iP	58 50.60	-1.5		0.9s	370.18nm		5.7mb	LGPM	40.68	82 iPc	59 38.38	1.5
	0.5s	3.80nm			KDC	17.37	60 eP	56 00.86	-2.5	WDC	41.05	82 ePc	59 41.10	1.3
GLA	90.97	56 eP	58 55.50	1.6		0.5s	137.44nm		5.5mb		0.6s	48.62nm		5.4mb
MSU	91.37	50 ePd	58 56.30	0.4	MGD	17.40	308 iPd-	56 05.00	1.1	DL2	41.10	275 iPd	59 40.00	-0.2
DAU	91.43	48 eP	58 56.30	0.0		0.8s	150.00nm		5.3mb		0.8s	320.00nm		6.1mb
BW06	91.83	45 eP	58 57.20	-0.8			e	59 18.00		LMEM	41.67	82 ePc	59 46.17	1.1
	1.0s	3.67nm			BGL	18.15	48 ePc	56 13.80	1.0	MIN	41.76	82 iPc	59 46.46	0.7
EMUT	91.94	48 eP	58 58.74	0.2	CP2	18.21	49 ePc	56 14.81	1.1	ORV	42.30	83 iPc	59 50.53	0.5
SRU	92.39	49 eP	59 00.09	-0.5	CRP	18.26	49 ePc	56 15.00	1.0	NTYM	42.31	85 iPc	59 50.97	0.9
PV09	93.62	49 ePd	59 06.24	-0.2	SLKM	18.98	52 ePc	56 19.51	-2.1	SES	42.38	63 ePc	59 49.90	-0.7
PV10	93.73	49 eP	59 06.80	-0.1	PMS	19.46	50 eP	56 25.40	-1.2		1.1s	155.00nm		5.6mb
PV08	93.95	49 eP	59 07.48	-0.5	IMA	19.64	34 iPc	56 29.60	1.1			pP	59 59.00	31kmX
RSSD	95.03	42 eP	59 11.69	-1.0	PMR	19.74	49 ePd	56 28.11	-1.3	NRI	42.79	329 iPd-	59 53.30	-0.3
	1.1s	14.58nm				0.6s	122.61nm		5.5mb		1.0s	178.00nm		5.7mb
GOL	95.89	47 eP	59 20.00	3.2X	MID	20.74	56 eP	56 41.60	2.0	Z	20s	1.90um		5.0msz
	1.0s	2.50nm			KLU	21.23	50 ePc	56 43.91	-0.6			e	00 26.00	146kmX
ALQ	96.90	52 eP	59 25.00	3.7X	TOA	21.23	48 iPc	56 46.40	1.9			e	00 38.00	
	1.0s	1.50nm			FBA	21.32	40 ePc	56 45.55	0.2			e	01 35.00	
NAO	97.32	339 P	59 20.00	-2.5		0.2s	59.57nm		5.6mb			e	01 47.00	
	0.8s	4.00nm			KUR	21.42	264 iPc	56 46.00	-0.4			e	02 18.00	
PTJ	105.05	326 ePKP	04 10.50	-1.2		1.0s	720.00nm		6.0mb			eS	06 07.00	
VBY	105.68	326 ePKPd	04 12.90	0.1			eS	00 46.00				eSSS	09 39.00	
HVAR	106.45	323 iPKP	04 23.00	8.6X	BRW	22.15	21 eP	56 54.71	1.4	ZSP	42.84	85 iPc	59 55.39	1.0
WLF	107.30	333 ePKP	04 29.00	13.3X			i	57 23.40	145kmX	BKS	42.89	85 iPc	59 55.60	0.7
ARV	108.24	325 PKP	04 24.50	6.7X	BALM	22.88	52 eP	56 58.74	-1.9	HMR	42.99	85 eP	59 57.36	1.8
CRE	108.70	326 PKP	04 22.50	3.8X	YSS	23.76	272 iPd-	57 10.20	1.0	PCC	43.04	86 iPc	59 56.48	0.5
BNI	110.44	330 PKP	04 20.50	-1.5		0.9s	230.00nm		5.6mb	COE	43.63	86 iPc	00 01.91	1.1
BCAO	123.92	285 iPKPc	04 38.20	-10.4X			e	57 34.00	112kmX	ARN	43.66	85 iPc	00 01.86	0.7
	0.7s	14.00nm					eS	57 49.00		BJI	43.74	280 ePd	00 01.50	-0.2
RFA	143.20	131 ePKPc	05 21.30	-2.8			eS	01 15.00			1.0s	120.00nm		5.6mb
RTCB	144.30	125 iPKPd	05 25.20	-0.9			(SS)	02 05.00		N	13s	0.70um		
RTCV	144.36	126 iPKPd	05 24.90	-1.3	KUSJ	24.47	262 P	57 14.80	-1.2			eS	00 46.00	
RTLL	144.62	125 iPKPc	05 25.50	-1.1	ASAJ	25.19	266 P	57 23.50	0.8			eScP	05 24.00	
ARE	144.68	99 ePKP	05 20.00	0.6	HO0J	25.74	262 eP	57 27.20	-0.5			eS	06 24.00	
CFA	144.69	126 ePKPc	05 26.00	-0.7	MRRJ	27.07	264 eP	57 38.80	-1.1	CMB	43.93	84 ePc	00 04.01	0.7
RTPR	146.56	125 e(PKP)	05 30.80	1.0	YAK	27.76	310 iPd-	57 44.30	-1.6		0.5s	30.20nm		5.3mb
TCA	147.64	128 ePKP	05 32.20	0.6		1.2s	254.00nm		5.8mb			epP	00 34.39	134km
CYA	147.83	122 e(PKP)	05 32.90	0.9			iP	58 11.00	125km	SAO	44.09	86 iPc	00 04.81	0.3
ZOBO	147.91	99 PKP	05 33.90	0.8			i	58 35.00		PRS	44.41	86 iPc	00 07.90	0.8
	1.0s	36.25nm					eS	02 15.00		LLA	44.49	86 iPc	00 08.76	1.0
LPB	147.94	99 PKP	05 34.80	1.9	OFUJ	28.71	258 P	57 54.60	0.0	KVN	44.69	81 iPc	00 10.17	0.6
CNCB	148.04	100 PKP	05 35.20	2.0	TIK	29.23	330 iPd	57 58.00	-1.0	PRI	44.97	86 iPc	00 12.76	1.1
FSA	148.41	118 ePKPc	05 35.00	2.2X		1.2s	50.00nm		5.1mb	FRI	45.01	84 iPc	00 12.44	0.6
CCH	149.78	101 PKP	05 41.70	6.1X	Z	16s	0.80um		4.4mszX	MMPM	45.03	83 ePc	00 13.36	0.9
YJA	149.81	111 ePKPd	05 37.50	1.8			e	58 44.00	230kmX	MEMM	45.05	83 iPc	00 13.72	1.6
SIV	154.69	99 ePKP	05 48.00	5.7X			i	04 28.00		BONR	45.26	82 iPc	00 15.18	1.0
							e	08 21.00				epP	00 45.22	132km
S.D. = 1.2 on 81 of 99 obs.					NIIJ	31.50	258 iPd	58 19.40	0.2	ZAK	45.27	299 iPd-	00 14.50	0.9
DEC 14, 1992 02h 52m 08.09±0.13s					CHJJ	32.29	256 iPd	58 26.20	0.0			epP	00 48.00	149kmX
52.126 N ± 3.5km 178.761 E ± 1.8km					MAT	32.44	257 iPd	58 27.40	0.0			e	01 50.80	
DEPTH = 130.2km (34 depth phases)						0.9s	176.47nm		5.8mb			eS	06 46.00	
5.5mb (110 obs.)					MTMJ	32.65	258 iPd	58 29.40	0.0			e	09 56.00	
RAT ISLANDS, ALEUTIAN ISLANDS (6)					MDJ	32.97	277 eP	58 30.00	-1.9			eSSS	11 09.00	
Felt (IV) on Amchitka.					IIDJ	33.33	256 P	58 35.80	0.6	MRCM	45.31	83 iPc	00 15.60	1.1
CENTROID, MOMENT TENSOR (HRV)					TSRJ	34.45	258 iPd	58 44.90	0.2			epP	00 46.05	134km
Data Used: GDSN					WKYJ	35.58	257 P	58 55.20	0.8	PKEM	45.36	86 eP	00 12.84	-1.8
L.P.B.: 21S, 42C					YKA	35.82	47 eP	58 56.50	0.4	MTUM	45.48	83 iPc	00 16.63	0.8
Centroid Location:						0.8s	60.10nm		5.5mb			epP	00 46.54	131km
Origin Time 02:52:12.7 0.4					CN2	35.93	278 Pd	58 55.80	-1.4			eS	01 01.41	
Lat 52.24N 0.05 Lon 178.54E 0.05						1.0s	59.00nm		5.3mb	HHA1	45.55	73 iPc	00 16.37	0.2
Dep 133.2 1.9 Half-duration 1.5					PGC	36.17	72 eP	59 00.00	0.9	TIA	45.58	275 Pd	00 16.60	0.3
Moment Tensor: Scale 10**17 Nm					YONJ	36.21	260 P	59 00.30	0.7		1.0s	490.00nm		6.2mb
Mrr=-0.68 0.08 Mtt=0.28 0.12					BOD	36.21	305 eP	59 00.50	1.1	Z	38s	2.00um		4.8mszX
Mff=0.41 0.09 Mrt=0.41 0.08						0.4s	112.00nm		6.0mb			sP	01 00.00	
Mrf=-2.01 0.08 Mtf=-0.69 0.11					MCW	36.52	72 ePc	59 02.64	0.5	MOY	45.78	302 iPd	00 18.70	1.0
Principal Axes:					TKSJ	36.67	258 P	59 04.60	1.1	PTI	45.80	73 iPc	00 18.75	0.5
T Val= 2.27 Plg=34 Azm= 63					GMW	37.09	73 ePc	59 07.06	0.1	TNP	45.84	81 ePc	00 19.06	0.4
N -0.04 15 164					BMW	37.37	75 iPc	59 09.82	0.5		0.6s	51.31nm		5.4mb
P -2.23 52 274					RMW	37.71	73 iPc	59 12.56	0.3			epP	00 48.97	131km
Best Double Couple: Mo=2.2*10**17					LON	38.07	74 eP	59 15.18	0.0	BCH	45.95	87 ePc	00 20.33	0.9
NP1:Strike=107 Dip=18 Slip=-148					SHW	38.10	75 eP	59 16.30	0.7	HHC	46.03	284 iPd	00 20.80	0.8
NP2: 346 81 -75					SNY	38.17	277 iPd	59 16.30	0.3		1.2s	250.00nm		5.8mb
						1.0s	160.00nm		5.8mb	Z	30s	0.93um		4.6mszX
ADK	2.83	93 iPd	52 53.12	0.1	SHNJ	38.36	261 eP	59 18.50	0.9	HVU	46.22	74 iPc	00 21.46	-0.1
SMY	2.92	284 iPc	52 53.72	-0.4	CIT	38.83	297 iP	59 22.00	0.5	SSE	46.51	266 iPc	00 23.50	-0.2
		eS	53 22.32		VGB	39.32	75 ePc	59 25.83	0.2		1.0s	260.00nm		5.9mb
PET	12.27	282 eP	54 59.00	-0.2	DPW	39.61	70 eP	59 27.52	-0.5	Z	20s	0.50um		4.5msz
												pP	00 53.00	129km

MIM	66.88	45	(P)	02	46.29	-1.4
TKL	66.94	61	eP	02	46.76	-1.5
			ipP	03	18.60	130km
NAO	66.99	354	P	02	47.20	-1.0
	0.7s		10.30nm			4.8mb
PMG	67.03	214	eP	02	47.50	-1.4
	1.3s		76.92nm			5.4mb
APD	67.03	352	eP	02	46.40	-2.0
	0.5s		3.00nm			4.4mb
NAV	67.28	58	ePc	02	49.39	-1.1
UPP	67.34	350	iP	02	49.50	-0.8
BLA	67.56	58	ePc	02	51.29	-0.9
	0.6s		13.18nm			5.0mb
			ipP	03	22.10	125km
TBR	67.68	51	eP	02	51.54	-1.3
MOS	67.80	337	eP	02	53.00	-0.3
			e	03	29.00	149kmX
EMM	67.95	45	ePc	02	53.45	-0.9
			epP	03	26.32	134km
CVL	67.99	56	ePc	02	54.16	-0.6
			ipP	03	26.20	131km
LMN	68.20	42	eP	02	58.10	2.1
			pP	03	31.50	137km
KKM	68.59	251	ePd	02	59.90	1.1
OBN	68.62	338	iPd	02	57.60	-0.8
	1.2s		40.00nm			5.1mb
Z	18s		0.50um			4.8Msz
			ipP	03	34.00	150kmX
			isP	03	43.00	
			eS	11	48.00	
			e	12	40.00	
MRX	68.64	85	iP	03	00.60	1.7
PRM	68.89	62	iPc	02	59.39	-0.9
			epP	03	30.69	127km
CHG	69.17	274	iPd	03	01.60	-0.7
	0.8s		76.12nm			5.6mb
CEH	69.26	58	iPc	03	01.46	-1.1
	0.8s		75.31nm			5.6mb
			ipP	03	33.59	130km
JSC	69.33	61	ePc	03	02.05	-1.0
			epP	03	33.76	128km
LHS	69.42	60	eP	03	02.43	-1.1
			epP	03	34.39	130km
BDT	70.32	273	eP	03	08.00	-1.2
SGS	70.56	61	eP	03	10.06	-0.4
			ipP	03	42.66	132km
PPM	70.69	84	iP	03	12.50	0.4
NST	70.82	271	eP	03	17.00	4.7X
HBF	70.83	61	eP	03	10.64	-1.5
			ipP	03	43.31	132km
MNK	71.64	343	eP	03	12.50	-4.1X
EKA	72.90	1	P	03	24.00	0.0
	1.7s		116.10nm			5.4mb
NNT	73.44	269	eP	03	24.00	-3.7X
DMU	74.24	3	eP	03	32.00	0.2
NDI	74.48	297	iPd	03	33.50	-0.1
	0.5s		49.30nm			5.5mb
DZM	74.66	192	iPc	03	35.90	1.3
DCN	74.78	4	eP	03	35.30	0.4
DLF	74.86	3	eP	03	35.80	0.5
MKS	75.97	242	iPd	03	42.40	0.3
CLL	76.24	351	eP	03	44.00	0.8
			e	04	15.00	123km
KSP	76.34	349	eP	03	33.00	-10.8X
			e	03	43.30	33kmX
			e	04	17.60	
ASH	76.38	315	eP	03	46.00	1.8
OJC	76.48	346	eP	03	45.00	0.4
			e	03	47.00	6kmX
			e	04	21.70	
GRO	76.62	327	eP	03	46.50	1.1
			i	04	24.00	152kmX
PYA	76.87	329	iPc	03	47.00	0.2
	1.0s		100.00nm			5.5mb
			i	04	20.50	134km
MOX	77.03	352	eP	03		


```

Centroid Location:
Origin Time      04:15:13.7 1.0
Lat 19.83N FIX; Lon 109.18W FIX
Dep 15.0 FIX Half-duration 1.0
Moment Tensor;   Scale 10**16 Nm
Mrr=-1.03 1.10   Mtt=-4.80 1.65
Mff= 5.83 1.13   Mrt=-3.56 2.42
Mrff=-1.21 2.79  Mtf=-5.41 0.96
Principal Axes:
T Vol= 8.11      Plg= 2      Azm=247
N      0.76      64      153
P      -8.87     26      338
Best Double Couple: Mo=8.5*10**16
NP1: Strike= 19 Dip=71 Slip= -17
NP2:      115      74      -169

  4.28 37 (P)      16 19.70 -1.9
  7.56 89 (P)      17 09.50 1.5
  9.33 97 (P)      17 34.00 1.2
  9.35 107 (P)     17 34.30 1.3
 10.02 92 (P)      17 43.50 0.8
 12.55 354 iPd     18 18.01 1.5
 1.1s 83.09nm      5.9mb X
 14.13 340 eP      18 38.25 0.9
 15.29 9 ePd       18 54.70 1.9
 1.3s 59.37nm      4.8mb
 15.72 335 (P)     18 58.98 0.8
 1.5s 103.11nm     4.8mb
 16.84 338 ePc     19 13.95 1.4
 17.52 30 eP       19 21.27 0.2
 1.1s 36.81nm      4.4mb
 17.65 30 iPd      19 22.70 0.0
 17.79 335 P       19 30.75 6.3X
 1.9s 76.38nm      4.5mb
 18.09 330 eP      19 29.24 1.0
 18.17 342 eP      19 31.34 2.1
 0.9s 39.82nm      4.6mb
 18.52 0 ePd        19 32.86 -0.8
 18.64 0 eP         19 35.33 0.1
 18.73 1 eP         19 36.27 0.0
 18.79 31 iPd       19 37.90 1.2
 18.83 353 ePd      19 38.13 0.7
 19.02 26 iPc       19 43.10 3.6X
 19.29 357 eP       19 42.29 -0.8
 19.31 337 P        19 47.62 4.3X
 19.41 39 iPd       19 43.20 -1.1
 19.51 341 (P)      19 45.19 -0.5
 1.8s 188.72nm     5.1mb
 19.53 35 eP        19 45.10 -0.6
 19.72 337 eP       19 47.69 -0.1
 19.93 34 P         19 50.40 0.4
 1.2s 76.80nm      4.9mb
 19.94 34 eP        19 49.80 -0.1
 19.94 34 eP        19 50.00 0.0
 19.94 34 eP        19 50.00 0.0
 20.00 356 ePd      19 50.48 -0.5
 20.12 9 eP         19 51.73 -0.5
 1.3s 48.96nm      4.7mb
 20.19 9 eP         19 52.77 -0.1
 1.4s 91.98nm      4.9mb
 20.20 40 eP        19 51.29 -1.5
 1.1s 18.73nm      4.3mb
 20.53 331 eP       19 55.24 -1.0
 20.53 34 eP        19 55.30 -1.0
 20.57 352 iPd      19 56.87 0.1
 1.5s 134.45nm     5.1mb
 20.61 334 eP       19 56.35 -0.7
 1.1s 28.76nm      4.5mb
 20.63 356 ePd      19 57.31 -0.3
 20.67 340 eP       19 58.21 0.3
 22.13 353 eP       20 12.80 0.2
 22.13 41 ePd       20 12.57 0.1
 22.36 334 ePc      20 15.26 0.6
 22.92 359 eP       20 18.93 -1.6
 1.6s 54.27nm      4.8mb
 23.16 354 eP       20 24.17 1.4
 23.58 354 ePc      20 27.93 1.1
 24.40 38 eP        20 34.90 0.3
 1.4s 42.23nm      4.9mb
 24.64 9 eP         20 37.26 0.1
 1.3s 31.92nm      4.8mb
 24.66 41 eP        20 37.34 0.2
 26.10 355 eP       20 50.50 -0.5
 27.75 54 eP        21 04.72 -1.2
 30.57 358 eP       21 30.00 -1.1
 32.19 16 eP        21 47.50 2.3X
 40.45 12 eP       22 57.00 1.9

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YKA 42.83 356 eP 23 11.50 -3.0
1.2s 7.60nm 4.3mb
CBM 43.00 41 eP 23 15.50 -0.6
NNA 44.87 132 eP 23 36.00 4.2X
0.8s 9.70nm 4.8mb
ZOBO 54.00 129 P 24 42.00 -0.6
1.2s 13.51nm 4.9mb
Z 24s 0.33um 4.3MsZx
LR 38 44.00
LPB 54.18 129 P 24 44.00 0.4
CNCB 54.44 129 P 24 46.00 0.2
IMA 54.45 339 eP 24 41.89 -2.8
1.3s 13.21nm 4.8mb
CCH 56.16 128 eP 24 56.00 -1.9
SIV 59.19 123 P 25 22.00 3.0X
BAO 69.72 116 Pc 26 27.80 0.0
e 26 34.00
ASPA 121.65 254 ePKP 34 12.40 1.0
0.6s 3.90nm
S.D. = 1.1 on 60 of 66 obs.

DEC 14, 1992 04h 28m 25.75±0.90s
10.058 N ± 8.4km 70.073 W ± 8.0km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)

VENEZUELA (101)
Felt at El Tocuyo.

TOV 0.39 134 iPg 28 33.10 -0.6
iSg 28 37.60
SDV 1.29 205 iPd 28 50.20 0.4
iSn 29 08.80
MORO 1.91 65 iPd 28 58.80 0.1
iS 29 26.60
OLLA 3.22 90 eP 29 17.50 0.0
LLAV 3.24 82 eP 29 18.50 0.8
iS 30 06.80
GUAN 4.36 91 iPd 29 33.50 -0.2
YKA 61.34 338 eP 38 43.20 -0.5
1.0s 0.80nm 3.8mb
S.D. = 0.6 on 7 of 7 obs.

* DEC 14, 1992 05h 54m 52.42±1.61s
43.433 N ± 18.4km 17.719 E ± 8.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.4 (TTG).

BRY 0.81 131 iPg 55 06.39 -1.7
iSg 55 18.83
HVAR 0.96 255 iPg 55 10.30 -0.4
iSg 55 26.60
NKY 1.12 123 iPg 55 12.32 -1.2
iSg 55 28.49
HCY 1.14 150 iPg 55 13.71 0.0
iSg 55 28.98
PLE 1.23 94 iPg 55 14.31 -1.0
iSg 55 32.76
BDV 1.41 144 iPg 55 18.23 0.1
iSg 55 38.89
TTG 1.51 131 iPg 55 19.53 0.0
iSg 55 41.85
IVA 1.69 109 iPnc 55 23.29 1.1
iSn 55 47.88
ULC 1.85 142 iPnc 55 26.15 1.6
iSn 55 52.82
PVY 1.85 116 iPnd 55 26.26 1.6
iSn 55 52.42
VBY 2.72 320 ePn 55 45.50 8.6X
e(Sn) 56 22.80
S.D. = 1.3 on 10 of 11 obs.

* DEC 14, 1992 06h 16m 46.70±2.11s
31.161 S ± 11.2km 68.582 W ± 18.3km
DEPTH = 124.1 ± 18.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.19 150 ePc 17 03.80 -0.6
ZON 0.39 192 iPd 17 05.40 0.6
eS 17 16.40
RTCV 0.70 177 iPd 17 06.60 -0.2
RTPR 1.98 65 ePc 17 21.00 0.5
eS 17 45.00
MRA 2.75 118 ePc 17 30.50 0.1
S 17 56.00
TCA 3.42 94 iPd 17 39.20 -0.3
(S) 18 16.00

RFA 3.60 178 iP 17 41.90 0.0
(S) 18 21.00
CYA 3.63 43 iPc 17 42.10 -0.2
S.D. = 0.5 on 8 of 8 obs.

? DEC 14, 1992 06h 44m 11.76±13.50s
19.072 N ± 90.5km 67.266 W ± 63.6km
DEPTH = 33.0km (normal)

MONA PASSAGE (89)

APR 0.80 140 P 44 27.00 0.4
S 44 36.10
MGP 1.07 171 P 44 31.00 0.5
PORP 1.18 149 P 44 32.00 0.0
CLLP 1.18 146 P 44 32.50 0.5
S 44 44.12
SJG 1.43 132 iP 44 36.10 0.5
LPR 1.53 120 P 44 37.20 0.1
S 44 55.10
CPD 1.64 128 P 44 39.60 0.9
S.D. = 0.3 on 7 of 7 obs.

DEC 14, 1992 07h 41m 00.34±0.10s
14.029 S ± 2.8km 170.753 E ± 3.1km
DEPTH = 621.9km (3 depth phases)
5.5mb (93 obs.)

VANUATU ISLANDS REGION (185)
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 22S, 43C
Centroid Location:

Origin Time 07:41: 4.0 0.3
Lat 13.99S 0.03 Lon 170.87E 0.02
Dep 642.5 2.0 Half-duration 1.5

Moment Tensor: Scale 10¹⁷ Nm
Mrr=-3.43 0.07 Mtt=2.42 0.11
Mff=1.01 0.12 Mrt=-0.94 0.11
Mrf=0.17 0.12 Mtf=-1.27 0.12

Principal Axes:
T Val=3.29 Plg=8 Azm=210
N 0.29 5 119
P -3.58 81 357

Best Double Couple: Mo=3.4*10¹⁷
NP1: Strike=305 Dip=38 Slip=-82
NP2: 115 53 -96

BKM 4.35 213 iPd 42 33.00 2.8
iS 43 49.50
PVC 4.37 212 iPd 42 35.20 4.9X
SGE 7.76 118 eP 43 03.20 4.5X
MBU 8.22 112 eP 43 03.10 0.2
VUN 8.40 119 iPd 43 06.90 2.4
SVA 8.45 120 iPd 43 07.00 2.1
DZM 8.99 206 iPd 43 13.60 3.5X
iS 45 02.10
HNR 11.52 292 eP 43 35.00 0.5
BRS 21.40 229 iPd 45 07.50 0.0
0.5s 55.00nm 5.4mb
i 45 35.00 142kmX
iS 48 26.00
i 48 44.00

KUZ 23.06 170 eP 45 22.40 0.2
PMG 23.55 279 eP 45 26.50 -0.2
1.0s 238.00nm 5.8mb
ARMA 24.01 224 iPd 45 32.00 1.1
0.9s 139.00nm 5.6mb

RMO 24.03 236 iPd 45 32.30 1.4
0.7s 259.00nm 6.0mb
iPd 45 42.50 38kmX
iScP 48 50.80
eS 49 07.50

WLZ 24.13 171 P 45 32.10 0.4
0.7s 59.00nm 5.3mb
e 45 37.90 21kmX

CTA 24.17 252 iPd 45 33.00 0.8
1.0s 142.50nm 5.6mb

LAT 24.47 285 eP 45 35.80 0.9
MOZ 24.64 172 P 45 37.30 1.1
0.7s 233.00nm 5.9mb
e 45 42.10 17kmX
e 49 18.30

URZ 24.78 168 P 45 36.60 -0.8
0.7s 335.00nm 6.1mb
e 49 12.50

PUZ 24.86 166 eP 45 36.30 -1.8
e 45 40.30 14kmX

NOZ 25.33 167 eP 45 39.30 -2.9X

0.4s 139.00nm 5.9mb
e 49 16.90

PAHZ 25.35 168 eP 45 41.60 -0.9
NGZ 25.41 171 P 45 43.70 0.6

CNZ 25.43 171 eP 45 43.90 0.7
MAHZ 25.84 167 P 45 45.40 -1.3

BSZ 25.93 173 eP 45 48.30 0.8
WAHZ 26.04 170 P 45 47.20 -1.3

MDG 26.09 287 eP 45 51.00 1.9
QRZ 26.74 177 P 45 55.60 1.1
e 49 49.50

MNG 26.81 172 P 45 53.30 -1.8
e 49 35.90
e 49 43.20

DIW 26.82 175 P 45 54.70 -0.5
PGZ 26.93 171 P 45 54.30 -1.8
0.4s 169.00nm 6.0mb

KIW 26.98 173 P 45 55.20 -1.4
CAW 27.24 173 P 45 57.30 -1.6

TCW 27.26 174 P 45 58.20 -0.8
MRW 27.32 173 Pc 45 58.30 -1.2

MTW 27.35 172 P 45 57.90 -1.9
e 46 17.60 87kmX

MOW 27.57 173 P 46 00.00 -1.7
DSZ 27.63 178 P 46 02.60 0.3

0.3s 198.00nm 6.2mb
e 50 05.50

OLP 27.76 239 iPd 46 04.10 0.5
KHZ 28.39 176 P 46 07.10 -1.6

0.3s 61.00nm 5.7mb
e 47 32.70
e 50 07.10
e 50 08.10

CNB 28.64 218 iPd 46 12.20 1.1
0.7s 115.00nm 5.6mb

BWA 28.64 221 iPd 46 10.50 -0.6
e 46 22.20 45kmX

LTZ 28.68 178 P 46 10.50 -0.8
0.5s 167.00nm 5.9mb

e 47 35.50
CMS 28.70 229 iPd 46 11.00 -0.6

CAN 28.86 219 iPd 46 13.90 1.0
e 46 24.90 41kmX

LMZ 29.61 182 eP 46 19.30 0.2
MOZ 29.62 177 P 46 18.40 -0.8

QIS 30.41 253 iPd 46 25.40 -0.7
0.4s 36.00nm 5.4mb

e 50 44.70
ODZ 30.91 180 eP 46 29.40 -0.7

30.96 182 eP 46 30.00 -0.6
CMCZ 31.04 182 eP 46 30.80 -0.5

TLC 31.09 182 eP 46 31.70 -0.1
TUZ 31.84 181 eP 46 38.30 0.5

e 46 49.50 42kmX
STK 32.05 231 iPd 46 41.40 1.6

iPd 48 18.70
iPcP 49 10.40
e 49 38.50

iS 51 10.60
iScP 51 56.10
iScS 55 57.10

TOO 32.47 219 iPd 46 45.00 1.7
BFD 34.10 222 iPd 46 58.00 1.1

0.4s 80.00nm 5.7mb
WBZ 35.26 255 iPd 47 06.70 0.1

iS 51 55.50
ADE 35.60 228 ePd 47 10.80 1.5

ASPA 36.08 249 iPd 47 13.50 0.2
0.8s 729.80nm 6.3mb

Z 20s 0.40um 4.2MsZ
iPd 49 21.70
iS 52 07.20

iPcS 52 31.10
iScS 56 16.50

GUA 37.48 316 eP 47 25.20 0.4
0.9s 268.91nm 5.8mb

PJG 37.55 316 eP 47 26.10 0.8
38.10 101 iPd 47 30.10 0.3

0.7s 65.30nm 5.3mb
PAE 38.28 101 iPd 47 31.60 0.3

0.8s 132.20nm 5.5mb
PPT 38.29 101 iPd 47 31.80 0.4

0.7s 107.20nm 5.5mb
PPN 38.42 101 iPd 47 32.80 0.3

0.8s 106.90nm 5.4mb
MTN 38.53 267 eP 47 32.90 -0.4

TVO 38.59 101 iPd 47 34.50 0.6

MEMM	83.51	49 ePc	52 27.08	1.6
		e	52 38.19	36kmX
BALM	83.55	21 ePc	52 23.88	-1.5
MTUM	83.67	49 eP	52 26.73	0.2
MAW	83.78	202 iPd	52 27.50	1.2
	1.0s	66.70nm		5.2mb
MRCM	83.83	49 eP	52 28.14	0.8
BONR	84.09	49 ePd	52 29.10	0.4
IMA	84.14	14 ePd	52 27.53	-0.6
	1.1s	35.01nm		4.9mb
		e	52 47.22	72kmX
GSC	84.21	52 ePd	52 29.37	0.3
BMW	84.35	39 eP	52 29.06	-0.4
GTA	84.65	313 eP	52 33.00	1.8
	1.5s	280.00nm		5.7mb
KVN	84.66	48 ePd	52 31.79	0.5
FBA	84.70	16 eP	52 28.55	-2.2
	0.6s	41.48nm		5.2mb
SHW	84.83	40 eP	52 32.42	0.5
TNP	84.93	49 ePd	52 33.13	0.5
	0.9s	74.99nm		5.3mb
GLA	84.94	54 ePc	52 33.47	0.9
GMW	85.10	39 eP	52 32.10	-0.9
BOD	85.28	333 iPd	52 33.50	-0.1
	1.7s	162.00nm		5.4mb
LON	85.34	40 eP	52 33.96	-0.3
VGB	85.46	41 eP	52 34.87	0.1
MCW	85.58	38 ePd	52 35.68	0.4
RMW	85.66	39 ePd	52 36.08	0.3
ZAK	86.96	324 iPd	52 42.50	0.8
	1.5s	128.00nm		5.4mb
		e	54 54.00	614km
		e	02 12.50	
IRK	87.23	326 ePd	52 42.80	-0.2
	1.5s	98.00nm		5.3mb
DPW	88.04	40 ePd	52 46.90	-0.1
MSU	88.80	50 ePd	52 51.88	1.0
MOY	88.83	324 iPd	52 50.90	0.6
	1.4s	112.00nm		5.5mb
NEW	88.86	40 ePc	52 50.75	0.0
	0.7s	95.07nm		5.8mb
DUG	88.88	48 ePd	52 51.60	0.5
	0.7s	14.89nm		5.0mb
HVU	89.43	47 ePd	52 54.29	0.7
TIK	89.96	348 iPd	52 54.00	-1.2
	1.3s	70.00nm		5.4mb
		e	56 48.00	
		iS	02 25.00	
		e	02 56.00	
PTI	90.07	46 ePd	52 57.51	0.9
DAU	90.08	48 ePd	52 57.32	0.5
HHA I	90.21	45 ePd	52 57.98	0.9
SRU	90.21	50 ePd	52 57.57	0.3
EMUT	90.21	49 ePd	52 57.82	0.4
LRM	90.98	43 ePd	53 00.90	0.1
PV09	91.06	51 ePd	53 01.76	0.4
PV10	91.10	51 (P)d	53 01.22	-0.3
PV08	91.45	51 iPd	53 03.41	0.2
BW06	92.01	46 ePd	53 05.14	-0.5
	0.6s	16.26nm		5.2mb
ALQ	92.13	55 ePd	53 06.34	0.1
	0.9s	21.19nm		5.2mb
SES	93.33	39 ePd	53 10.90	-0.3
	0.6s	32.00nm		5.6mb
NVL	94.18	187 eP	53 14.00	-0.8
	1.0s	26.00nm		5.4mb
GLD	94.33	50 eP	53 16.52	0.3
	1.1s	31.16nm		5.4mb
WMO	94.66	314 iPd	53 17.00	-0.4
	1.5s	95.00nm		5.8mb
		pP	55 32.00	627km
YKA	95.39	27 eP	53 19.10	-1.1
	0.5s	30.20nm		5.8mb
KOD	95.58	279 eP	53 23.00	0.6
HYB	96.16	286 eP	53 24.50	-0.1
	1.4s	75.00nm		5.7mb
RSSD	96.24	46 eP	53 24.15	-0.6
	0.8s	15.96nm		5.3mb
GBA	96.37	282 P	53 26.00	0.5
ELT	97.85	323 iPd	53 31.00	-0.5
	1.5s	122.00nm		6.0mb
		eS	03 07.00	
NRI	100.45	339 iPd iff	53 41.00	-1.8
	1.5s	29.00nm		

CNCB	114.41	116	PKP	58	34.40	0.5	MOX	139.74	339	ePKP	59	13.10	-7.2X	CME	143.80	356	ePKPd	59	26.40	-0.1
LPB	114.42	116	PKP	58	34.20	0.5		1.6s	57.00nm					CPZ	143.85	356	ePKPd	59	26.20	-1.1
ZOBO	114.49	115	iPKPd	58	33.70	-0.4			e	59	20.00				1.0s	181.00nm				
MAIO	115.23	304	iPKPd	58	33.60	-0.8	WTS	140.00	345	ePKP	59	20.00	-0.6	BBS	143.85	341	PKP	59	26.84	-0.7
CCH	115.76	117	PKP	58	36.50	0.4		1.0s	86.00nm					LOMF	144.17	341	PKP	59	28.14	0.0
ASH	116.10	306	ePKP	58	35.00	-0.8	SOP	140.17	333	e(PKP)	59	15.00	-6.1X	SAL	144.36	336	PKP	59	28.50	0.1
DAG	117.06	2	iPKPc	58	34.60	-1.9	DMU	140.18	358	ePKP	59	16.00	-4.9X	FLN	144.62	350	PKP	59	27.50	-1.3
	0.8s	14.93nm					KHC	140.28	336	ePKP	59	15.50	-5.9X		1.2s	633.15nm				
RSNY	117.29	47	ePKP	58	36.04	-1.9		1.0s	26.80nm					BRT	144.68	324	PKP	59	29.00	-0.1
KEV	119.88	346	iPKP	58	42.00	0.0			e	59	20.90			LDF	144.72	349	ePKP	59	27.90	-1.0
	0.8s	32.30nm							i	59	24.40				1.1s	264.70nm				
SDF	121.79	345	iPKP	58	44.80	-0.9	GEC2	140.47	336	e(PKP)	59	15.40	-6.4X	VAI	144.81	338	PKPd	59	27.40	-1.7
GRM	121.83	215	iPKPd	58	48.00	1.1		0.9s	9.70nm				RSM	144.90	332	PKP	59	29.79	0.5	
	0.7s	1027.40nm					GEC2	140.47	336	PKP	59	21.10	-0.7	ARV	145.00	331	PKPd	59	29.50	-0.1
EMM	122.21	46	ePKP	58	45.70	-1.5	GEC2	140.47	336	PKP	59	23.90	2.1	GRR	145.04	350	ePKP	59	29.10	-0.4
SEK	124.81	220	iPKPd	58	50.70	-2.4	GRF	140.69	339	ePKP	59	17.50	-4.5X		0.9s	328.90nm				
	0.6s	280.00nm							ed	59	21.50		LOR	145.10	344	ePKP	59	29.40	-0.3	
BFT	125.03	224	ePKP	58	54.00	0.4			ec	59	24.70			0.9s	199.85nm					
	1.0s	100.00nm					SRS	140.71	320	ePKP	59	16.00	-6.3X	FG2	145.15	327	PKP	59	30.88	1.0
BLF	125.13	218	iPKPc	58	53.20	-0.5	DCN	140.75	358	ePKP	59	17.60	-4.4X	SFI	145.17	333	PKP	59	30.00	0.2
	0.9s	1784.62nm					DLF	140.77	357	ePKP	59	19.20	-2.8	PGD	145.26	333	PKP	59	31.22	1.0
CER	125.57	209	iPKPc	58	54.50	0.3	BNS	140.83	344	iPKPc	59	16.80	-5.4X	ORX	145.29	339	PKP	59	28.65	-1.5
	1.0s	3200.00nm					KNT	141.12	320	ePKP	59	17.20	-5.9X	ORO	145.30	339	PKPd	59	30.50	0.3
KAF	125.72	340	iPKP	58	52.30	-1.2	VAY	141.23	321	iPKP	59	18.00	-5.2X	LBF	145.33	344	ePKP	59	30.10	0.0
	0.4s	19.60nm						1.4s	153.00nm					1.2s	265.40nm					
OBN	125.85	329	iPKPc	58	53.30	-0.7	PAIG	141.30	318	ePKP	59	17.32	-6.1X	CRE	145.36	332	PKPd	59	31.50	1.2
	1.2s	180.00nm					ENN	141.35	345	ePKP	59	19.00	-4.1X	SSF	145.38	345	ePKP	59	30.40	0.3
PRY	125.88	221	iPKPd	58	55.00	-0.1		1.0s	29.00nm						1.2s	483.20nm				
	0.5s	89.19nm					BHG	141.70	336	iPKPc	59	19.60	-4.3X	LPF	145.42	350	ePKP	59	30.30	0.2
SLR	126.17	223	iPKPd	58	55.00	-0.7	ECB	141.71	358	ePKP	59	20.20	-3.5X		1.1s	707.20nm				
	1.2s	1250.00nm					PTJ	141.78	331	ePKP	59	20.00	-4.1X	MME	145.45	334	PKP	59	31.93	1.3
CIR	126.89	230	iPKPd	58	56.40	-0.6	ZAG	141.83	331	iPKPc	59	21.00	-3.1X	ASS	145.46	331	PKP	59	29.40	-1.0
		i	01	20.00			PLE	141.84	326	iPKPd	59	20.60	-3.8X	BOB	145.48	336	PKPd	59	31.50	1.1
KSR	126.99	222	ePKP	58	56.00	-1.3	IVA	141.86	325	iPKPd	59	20.44	-3.9X	FIR	145.54	333	ePKP	59	31.50	1.1
NUR	127.44	340	iPKP	58	56.00	-0.8	ECP	141.88	357	ePKP	59	19.90	-4.0X	BDI	145.60	334	PKP	59	29.00	-1.6
	0.4s	43.30nm					FUR	141.95	338	iPKPc	59	20.70	-3.6X	AQU	145.65	330	PKP	59	31.56	0.8
VAO	127.87	134	ePKP	58	58.90	0.0			e	00	04.70		AVF	145.67	345	ePKP	59	30.80	0.3	
POF	128.45	213	iPKPc	59	01.00	1.3	LIT	141.97	319	iPKP	59	20.32	-4.3X		1.0s	119.20nm				
	1.0s	380.00nm					SNF	141.99	346	PKP	59	20.30	-3.9X	SMF	145.68	344	ePKP	59	31.00	0.4
BUL	129.61	228	iPKPc	59	02.00	-0.4	PVY	141.99	324	iPKPd	59	20.66	-4.0X		1.3s	249.85nm				
	1.0s	40.00nm					KBA	142.02	335	iPKPc	59	20.00	-4.7X	RSL	145.71	340	PKP	59	32.29	1.4
UPP	130.16	343	iPKP	59	01.40	-0.6		0.9s	67.10nm				LSD	145.73	339	PKP	59	30.93	-0.1	
MNK	130.84	332	ePKP	59	02.00	-1.5	FNA	142.27	321	ePKP	59	21.24	-3.9X	LPL	145.82	340	ePKP	59	32.10	0.9
HFS	130.99	345	ePKP	58	47.80	-15.8X	WLF	142.29	344	iPKPc	59	22.12	-2.6		1.1s	253.95nm				
	0.4s	1.00nm					DOU	142.30	345	PKP	59	21.70	-3.0X	LPG	145.83	340	ePKP	59	32.20	0.9
NAO	131.04	347	PKP	59	03.00	-0.7	LJU	142.32	333	ePKP	59	21.40	-3.6X		1.0s	228.80nm				
	0.9s	23.40nm					NKY	142.40	325	iPKPd	59	22.17	-3.2X	SDI	145.93	328	PKP	59	31.50	0.3
BAO	131.67	126	e(PKP)	59	04.00	-2.4	VBY	142.40	331	ePKPc	59	22.10	-3.0X	RSP	145.96	339	PKP	59	29.38	-1.9
		e	59	05.80					i	59	36.40		TDS	145.98	323	PKP	59	31.50	0.2	
		e	59	07.00			LANF	142.42	342	PKP	59	22.14	-2.9X	BGF	146.02	345	ePKP	59	31.90	0.8
HRI	134.96	303	ePKP	59	11.10	-1.0	OHR	142.43	322	iPKPd	59	21.90	-3.5X		0.9s	180.85nm				
WIN	135.40	216	ePKP	59	02.00	-11.4X		1.0s	514.00nm				PCP	146.02	337	PKP	59	30.11	-1.2	
	0.9s	310.92nm					RBL	142.43	334	PKP	59	21.12	-4.1X	MGR	146.11	325	PKP	59	30.37	-1.1
BGIO	135.86	301	ePKP	59	13.70	-0.2	TTG	142.50	325	iPKPd	59	22.22	-3.1X	RFI	146.14	328	PKP	59	33.40	2.0
RMN	136.51	300	ePKP	59	15.00	-0.2	WTTA	142.56	336	iPKPc	59	21.00	-4.6X	CKI	146.22	337	PKP	59	30.67	-0.9
UZH	136.80	330	ePKP	59	04.20	-10.8X		1.0s	105.00nm				BHB	146.23	339	PKP	59	29.65	-1.9	
	1.0s	40.00nm							i	59	22.20		BNI	146.25	340	PKP	59	31.50	-0.2	
		i	59	14.40			BRY	142.59	326	iPKPd	59	22.60	-3.1X	RRL	146.33	339	PKP	59	32.03	0.0
MLR	136.81	324	ePKPc	59	14.50	-0.8	CEY	142.60	332	ePKP	59	22.00	-3.5X	MAF	146.40	345	ePKP	59	33.20	1.4
OJC	136.86	333	ePKP	59	14.50	-0.6	VOY	142.61	333	iPKP	59	21.70	-3.9X		1.1s	189.50nm				
	0.8s	64.00nm					FVI	142.64	335	PKP	59	21.50	-3.9X	RMP	146.40	330	PKP	59	34.50	2.6
		i	59	16.60			AGG	142.67	318	ePKP	59	21.24	-4.6X	TCF	146.43	346	ePKP	59	33.20	1.4
SPC	137.40	332	ePKP	59	15.60	-0.8	MOTA	142.70	337	i(PKP)	59	22.60	-3.2X		1.2s	389.15nm				
KSP	137.86	336	ePKP	59	11.50	-5.4X	SQTA	142.76	337	i(PKP)	59	22.90	-2.9X	FIN	146.43	337	PKP	59	30.61	-1.3
	1.0s	56.00nm						0.8s	67.90nm				RDP	146.44	330	PKP	59	34.50	2.5	
		i	59	16.20			ULC	142.81	324	iPKPd	59	23.12	-2.8	ROB	146.48	337	PKP	59	30.84	-1.2
		i	59	22.80			BDV	142.84	325	iPKPd	59	23.23	-2.7	GRI	146.49	322	PKP	59	32.27	0.1
DEV	138.28	326	ePKPc	59	18.00	0.2	HCV	142.92	325	iPKPd	59	23.49	-2.6	DOI	146.53	338	PKPd	59	32.50	0.4
PSZ	138.46	330	e(PKP)	59	16.80	-1.4	TRI	142.92	333	ePKP	59	22.60	-3.3X	PZZ	146.58	339	PKP	59	31.62	-0.7
EKA	138.51	355	PKP	59	11.00	-6.9X	RIY	142.92	332	ePKP	59	23.50	-2.4	LSF	146.62	346	ePKP	59	33.50	1.4
	0.9s	7.10nm					WLS	143.06	342	PKP	59	24.27	-1.9		1.1s	375.10nm				
CLL	138.71	339	ePKP	59	09.00	-9.4X	CDF	143.09	342	PKP	59	24.21	-2.1	MFF	146.64	349	ePKP	59	33.70	1.6
CLL	138.71	339	iPKP	59	17.10	-1.3	OGA	143.12	337	iPKPd	59	24.70	-1.9		1.1s	511.85nm				
	1.4s	81.00nm					LIBD	143.22	341	PKP	59	24.80	-1.6	SURF	146.70	339	PKP	59	35.91	3.3X
		e	01	55.00			ECH	143.30	342	PKP	59	24.78	-1.8	ENR	146.71	338	PKP	59	31.39	-1.0
BRG	138.73																			

14d 07h

ATN 147.48 322 PKP 59 36.00 2.2
 PGF 147.50 334 PKP 59 37.24 3.4X
 RJF 147.52 346 ePKP 59 36.10 2.5
 1.5s 497.25nm
 FRF 147.56 338 ePKP 59 35.80 2.1
 1.3s 504.00nm
 LRG 147.76 338 ePKP 59 36.60 2.6
 1.1s 329.15nm
 CDR 147.77 339 iPKPd 59 37.60 3.6X
 i 59 42.50
 LMR 147.81 338 ePKP 59 36.80 2.7
 1.1s 160.70nm
 LFF 148.04 347 ePKP 59 37.40 3.0X
 1.5s 503.50nm
 MNO 148.09 323 PKP 59 39.13 4.1X
 LPO 148.18 346 ePKP 59 38.00 3.4X
 1.2s 321.30nm
 MEU 148.50 321 PKP 59 40.13 4.6X
 CVT 149.36 324 PKP 59 41.00 4.4X
 LVI 149.40 325 PKP 59 41.65 5.0X
 LSPF 149.62 344 PKP 59 42.65 5.8X
 GRBF 149.82 344 PKP 59 42.57 5.3X
 VDCF 149.82 343 PKP 59 42.56 5.3X
 EPF 149.94 346 ePKP 59 42.00 4.6X
 1.1s 147.50nm
 OGE 150.00 347 PKP 59 43.44 6.0X
 TRGS 150.02 343 PKP 59 43.56 5.8X
 MADF 150.09 348 PKP 59 43.59 6.0X
 PAND 150.11 344 PKP 59 43.33 5.4X
 ATE 150.12 347 PKP 59 43.88 6.2X
 ENSF 150.16 346 PKP 59 44.90 7.0X
 ISSF 150.20 347 PKP 59 44.68 6.8X
 PTS 150.43 324 PKP 59 43.90 5.6X
 EGRA 150.89 346 ePKP 59 39.01 0.3
 ECRI 150.93 350 iPKPc 59 39.73 0.8
 BCAO 151.00 253 iPKPd 59 39.00 -0.8
 1.2s 343.00nm
 id 59 46.00
 id 59 58.00
 id 02 10.00
 ERUA 151.68 357 ePKP 59 40.20 0.2
 ETOR 152.58 348 iPKPd 59 41.92 0.5
 GUD 153.11 351 iPKPd 59 42.87 0.7
 ECHE 153.51 346 ePKP 59 41.07 -1.6
 EPLA 153.92 354 iPKPc 59 43.87 0.7
 PAB 154.22 351 ePKP 59 44.00 0.4
 EVIA 154.77 348 iPKPd 59 44.78 0.3
 EHOR 156.04 352 iPKPc 59 46.69 0.7
 ECOG 156.30 349 ePKP 59 46.16 -0.4
 EVAL 156.44 355 iPKPc 59 47.16 0.6
 EPRU 156.88 352 iPKPc 59 47.55 0.4
 EJIF 157.42 352 ePKP 59 47.55 -0.2
 CPS 158.08 352 e(PKP) 59 49.50 1.0
 ZER 159.65 350 ePKP 59 52.00 1.8
 AVE 160.74 355 iPKPd 59 52.00 0.6
 i 00 39.00
 OUK 162.86 356 iPKP 59 55.00 1.5
 TIO 163.08 354 iPKPd 59 55.00 1.0
 i 00 49.50
 ANTZ 165.61 2 iPKPd 59 57.00 0.9
 KIC 171.19 211 PKPd 59 59.60 -0.4
 1.2s 95.00nm
 e 01 25.20
 LIC 171.20 209 PKPd 59 59.50 -0.4
 e 01 25.00
 TIC 171.57 210 PKPd 59 59.80 -0.3
 e 01 27.10
 S.D. = 1.1 on 381 of 466 obs.
 % DEC 14, 1992 08h 05m 18.57±1.34s
 46.924 N ± 9.0km 0.053 W ± 12.3km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.2 (LDG).
 MFF 0.33 191 Pg 05 25.50 0.1
 Sg 05 31.20
 LSF 1.28 121 Pg 05 40.60 -1.8
 Sg 05 56.50
 LDF 1.67 358 Pg 05 47.30 -0.7
 Sg 06 07.70
 TCF 1.69 111 Pg 05 47.30 -0.9
 Sg 06 08.10
 RJF 1.95 145 Pg 05 53.40 1.3
 Sg 06 17.90
 BGF 2.03 99 Pn 05 52.30 -0.9
 Sg 06 16.90

SSF 2.44 85 Pg 06 00.50 1.4
 Sg 06 28.90
 LOR 2.69 81 Pg 06 04.20 1.4
 Sg 06 36.70
 S.D. = 1.5 on 8 of 8 obs.
 & DEC 14, 1992 09h 58m 55.22s
 34.953 N 116.944 W
 DEPTH = 0.0km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
 GSC 0.37 18 iPd 59 02.63 0.1
 SSK 0.96 220 eP 59 13.52 -1.1
 S 59 26.74
 PEC 1.07 190 eP 59 15.33 -1.1
 ISA 1.44 300 ePn 59 21.16 -1.4
 PLM 1.60 178 eP 59 24.00 -1.0
 S 59 44.81
 TPNV 2.07 16 (P) 59 30.77 -1.1
 BCH 2.59 276 ePn 59 37.39 -1.8
 MTUM 2.73 332 (Pn) 59 42.01 0.7
 TNP 3.13 356 ePn 59 45.92 -1.1
 9 obs. associated
 % DEC 14, 1992 10h 01m 57.57±1.39s
 42.119 N ± 9.0km 19.631 E ± 8.1km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.8 (TTG).
 ULC 0.32 241 iPg 02 04.68 0.4
 iSg 02 10.44
 TTG 0.41 319 iPg 02 06.54 0.5
 iSg 02 13.18
 PVY 0.54 28 iPg 02 08.57 0.1
 iSg 02 17.48
 BDV 0.62 286 iPg 02 09.54 -0.5
 iSg 02 19.42
 IVA 0.78 15 iPg 02 12.37 -0.4
 iSg 02 24.95
 NKY 0.84 326 iPg 02 13.69 -0.1
 iSg 02 26.29
 HCY 0.90 292 iPg 02 14.34 -0.5
 iSg 02 28.15
 BRV 1.12 315 iPg 02 18.87 0.2
 iSg 02 35.92
 PLE 1.22 352 iPg 02 20.77 0.4
 iSg 02 38.74
 S.D. = 0.5 on 9 of 9 obs.
 * DEC 14, 1992 10h 54m 27.86±1.38s
 29.869 N ± 12.4km 139.058 E ± 22.0km
 DEPTH = 444.6 ± 21.8 km
 4.2mb (6 obs.)
 SOUTH OF HONSHU, JAPAN (211)
 MAT 6.69 354 iPc 56 08.40 -1.8
 1.0s 69.00nm 4.7mb
 eS 57 29.00
 MDJ 16.52 336 Pd 57 57.10 1.4
 PJG 17.07 160 eP 58 03.40 2.0
 GUA 17.13 160 eP 58 02.70 0.7
 0.7s 175.34nm 5.7mb X
 SNY 17.29 318 Pc 58 04.50 1.1
 CN2 17.63 326 eP 58 07.60 0.8
 1.0s 8.60nm 4.2mb
 GYA 28.71 271 P 59 48.20 -0.9
 CHG 38.00 262 eP 01 08.00 0.6
 0.9s 10.50nm 4.3mb
 WB2 49.73 186 iPd 02 38.40 -1.2
 ASPA 53.46 186 eP 03 05.90 -0.9
 0.5s 6.20nm 4.2mb
 GBA 58.85 268 P 03 44.90 0.3
 MRWA 62.74 203 eP 04 09.50 -0.4
 BAL 63.79 201 eP 04 16.00 -0.6
 HFS 79.78 335 eP 05 50.20 1.0
 0.4s 1.00nm 3.8mb
 NAO 80.30 337 PKP 05 49.90 -2.0
 0.8s 2.30nm 3.9mb
 S.D. = 1.4 on 15 of 15 obs.
 ? DEC 14, 1992 12h 18m 34.55±1.06s
 42.363 N ± 8.4km 8.511 W ± 10.0km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 3.0 (MDD).

EZAM 0.25 213 iPd 18 40.20 0.3
 eS 18 45.00
 STS 0.52 357 eP 18 45.00 -0.2
 eS 18 52.00
 ERUA 1.01 88 iP 18 54.70 0.9
 eS 19 08.00
 GUD 3.70 116 eP 19 32.00 -1.1
 eS 20 14.50
 S.D. = 1.5 on 4 of 4 obs.
 * DEC 14, 1992 12h 49m 49.89±0.73s
 16.420 S ± 12.8km 73.625 W ± 10.2km
 DEPTH = 33.0km (normal)
 4.7mb (3 obs.)
 NEAR COAST OF PERU (115)
 ARE 2.05 91 iPd 50 23.50 0.5
 iS 50 36.00
 ZOBO 5.28 89 iPc 51 11.00 1.9
 S 52 12.00
 LPB 5.30 92 P 51 11.40 2.1
 1.0s 534.00nm 6.0mb X
 CNCB 5.43 95 iPc 51 12.10 1.0
 CCH 7.23 99 P 51 38.50 2.3X
 ANT 7.85 158 eP 51 39.00 -5.6X
 SIV 12.07 90 eP 52 41.00 -1.6
 RFA 18.85 167 e(P) 54 09.80 0.0
 BAO 24.65 92 e(P) 55 06.00 -3.1X
 e 55 07.30
 e 55 15.80
 e 55 20.20
 e 55 22.10
 SDV 25.32 7 eP 55 14.00 -1.6
 VAO 25.91 109 (P) 55 20.00 -1.0
 TOV 26.31 9 eP 55 24.20 -0.5
 BMA 28.43 107 eP 55 44.80 0.9
 ALQ 59.85 329 eP 59 55.80 0.9
 1.0s 5.00nm 4.6mb
 PV10 63.83 330 (P) 00 36.80 15.2X
 ULM 69.21 345 eP 00 57.50 2.2
 ORV 71.37 323 eP 01 10.57 1.9
 LIC 71.46 77 PKP 01 07.80 -1.9
 TIC 71.61 77 P 01 08.60 -2.0
 KIC 71.78 77 PKP 01 09.00 -2.6
 0.8s 64.50nm 5.7mb X
 NVL 73.13 160 eP 01 18.00 -0.6
 1.8s 47.00nm 5.2mb
 YKA 84.97 342 eP 02 22.70 0.0
 0.7s 2.20nm 4.5mb
 PAB 85.16 47 eP 02 24.00 -0.3
 BCAO 93.30 86 iPd 03 03.50 0.2
 0.9s 14.00nm 5.4mb X
 ic 03 14.20
 WB2 134.60 218 ePKP 09 07.80 0.3
 0.5s 2.60nm
 NDI 150.52 60 ePKP 09 41.00 6.2X
 GBA 151.92 92 PKP 09 43.90 6.7X
 S.D. = 1.5 on 21 of 27 obs.
 ? DEC 14, 1992 13h 47m 03.21±1.21s
 9.778 S ± 12.6km 122.718 E ± 10.6km
 DEPTH = 95.6 ± 19.2 km
 4.8mb (1 obs.)
 SAVU SEA (288)
 KUG 0.95 113 eP 47 12.00 -11.0X
 e 50 50.00
 MKS 5.56 324 ePc 48 25.60 0.6
 KHKI 7.16 281 eP 48 46.10 -1.0
 eS 50 04.10
 e 52 19.80
 KNA 8.37 136 eP 49 05.00 1.4
 eS 50 32.00
 MTN 8.79 111 eP 49 09.00 -0.4
 eS 50 41.00
 MBL 11.65 193 eP 49 38.50 -9.3X
 0.3s 5.00nm 4.8mb
 eS 51 42.00
 NANU 14.46 208 iPd 50 25.30 0.8
 WB2 15.11 133 eP 50 31.20 -1.6
 eS 53 10.30
 ASPA 17.46 144 eP 51 05.90 3.7X
 eS 54 08.80
 MRWA 20.34 197 eP 51 37.50 3.4X
 GBA 50.59 297 P 55 54.00 -0.5
 YAK 71.78 3 iPc 58 17.50 0.8
 1.0s 32.00nm 5.1mb X

S.D. = 1.4 on 8 of 12 obs.

* DEC 14, 1992 13h 56m 40.58 ± 0.90s
 39.577 S ± 4.7km 174.176 E ± 5.2km
 DEPTH = 171.7 ± 9.9 km
 NORTH ISLAND, NEW ZEALAND (159)

NRZ	0.30	322	P	57	03.70	0.0
			eS	57	18.10	
BSZ	0.62	111	P	57	05.00	-0.2
			eS	57	20.60	
CNZ	1.13	71	P	57	09.00	0.1
NGZ	1.17	71	P	57	09.30	0.0
MOZ	1.18	25	P	57	09.20	0.0
			S	57	28.20	
DIW	1.24	189	P	57	09.60	-0.1
KIW	1.40	157	P	57	10.90	-0.3
MNG	1.44	136	P	57	11.80	0.2
			S	57	30.70	
TCW	1.64	177	P	57	13.80	0.3
CAW	1.68	156	Pd	57	14.10	0.2
MRW	1.70	166	Pd	57	14.30	0.1
			S	57	34.90	
WEL	1.77	165	P	57	14.90	0.0
			S	57	35.70	
QRZ	1.77	225	P	57	15.00	0.0
			S	57	38.30	
MTW	1.88	148	P	57	16.00	-0.1
PGZ	1.92	124	P	57	16.50	0.0
MOW	2.02	156	P	57	17.60	0.0
BLW	2.05	151	P	57	17.90	0.0
DSZ	2.82	219	P	57	27.50	0.3
KHZ	2.88	189	P	57	28.00	0.2
			eS	57	59.20	
NOZ	3.15	74	P	57	31.60	0.4
LTZ	3.51	204	eP	57	35.20	-0.6
			eS	58	13.40	
PUZ	3.52	66	eP	57	35.60	-0.3
			eS	58	16.40	
MOZ	4.28	195	eP	57	43.60	-2.0X
			S	58	28.60	

S.D. = 0.3 on 22 of 23 obs.

DEC 14, 1992 14h 03m 05.55 ± 0.89s
 39.973 S ± 3.2km 174.597 E ± 4.9km
 DEPTH = 120.8 ± 12.0 km
 NORTH ISLAND, NEW ZEALAND (159)

BSZ	0.31	56	P	03	22.80	0.3
			eS	03	33.30	
NRZ	0.82	321	P	03	26.40	0.2
			eS	03	39.00	
KIW	0.92	165	P	03	27.10	-0.1
MNG	0.94	134	Pc	03	27.30	0.0
			S	03	41.10	
DIW	0.98	212	P	03	27.60	-0.1
CNZ	1.07	44	P	03	28.30	-0.4
NGZ	1.11	45	P	03	28.80	-0.4
CAW	1.19	163	Pc	03	30.10	0.2
MRW	1.26	176	P	03	30.90	0.2
			S	03	48.00	
TCW	1.26	191	P	03	30.80	0.1
WEL	1.32	174	P	03	31.30	0.0
			S	03	49.10	
MTW	1.37	150	P	03	31.80	-0.1
PGZ	1.44	117	P	03	32.60	0.0
MOZ	1.47	6	P	03	33.00	-0.1
			S	03	52.00	
MOW	1.53	161	P	03	33.80	0.0
BLW	1.55	155	P	03	33.90	0.0
QRZ	1.80	241	P	03	36.70	-0.2
			eS	03	58.80	
WLZ	2.24	21	eP	03	43.10	0.5
KHZ	2.57	198	P	03	46.80	0.0
			eS	04	15.40	
DSZ	2.76	229	P	03	49.30	-0.1
MOZ	4.00	201	P	04	03.60	-2.4X
			eS	04	44.90	

S.D. = 0.3 on 20 of 21 obs.

% DEC 14, 1992 14h 50m 36.54 ± 1.24s
 32.791 S ± 9.6km 71.202 W ± 7.9km
 DEPTH = 40.9 ± 15.8 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

ROCH	0.24	138	iPd	50	44.98	0.4
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IHA	0.44	238	iPc	50	52.06	
			iS	50	46.30	-0.2
JACH	0.53	78	iP+	50	54.40	
			iS	50	47.14	-0.6
PEL	0.56	129	iPd	50	56.00	
			iS	50	48.31	0.1
LCCM	0.75	204	iPd	50	58.00	
			iS	50	51.10	0.4
TACH	0.89	166	iP+	51	02.72	
			iS	51	05.68	
FCH	0.93	125	iP+	50	52.76	0.0
			iS	51	05.68	
PCH	1.01	145	iP+	50	53.03	-0.6
			iS	51	06.57	
LNW	1.17	188	iP+	50	54.00	-0.5
			iS	51	08.61	
CFA	2.78	66	e(P)	50	56.37	-0.3
RFA	3.02	132	e(P)	51	12.47	
			iS	51	20.00	0.4
			iS	51	24.00	0.9

S.D. = 0.6 on 11 of 11 obs.

* DEC 14, 1992 15h 04m 27.44 ± 2.20s
 66.277 N ± 12.5km 7.569 E ± 22.5km
 DEPTH = 30.0 ± 11.7 km
 NORWEGIAN SEA (642)
 MD 3.3 (BER).

LOF	2.98	49	eP	05	14.44	0.8
			eS	05	44.65	
RGS	3.49	158	eP	05	22.00	1.0
			eS	05	59.50	
MOL	3.72	180	eP	05	24.36	0.2
			eS	06	03.14	
HYA	5.17	187	eP	05	44.01	-0.7
			eS	06	39.09	
SUE	5.39	195	eP	05	48.10	0.3
			eS	06	43.30	
NRA0	5.84	160	Pn	05	53.82	-0.4
			Sn	06	57.30	
KTK1	6.57	58	eP	06	04.56	0.1
			eS	07	12.48	
HFS	6.76	153	eP	06	06.70	-0.3
	0.2s		2.80nm		4.8mb	
ARA0	7.50	56	Pn	06	16.42	-1.0
			Sn	07	35.30	

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

& DEC 14, 1992 15h 28m 41.14s
 62.188 N 150.452 W
 DEPTH = 9.6km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.5 (AEIC).

CUT	0.23	21	eP	28	46.41	0.3
SKT	0.55	248	iP	28	51.87	-0.4
			eS	29	00.29	
			eS	29	00.58	
PWA	0.60	153	eP	28	53.00	-0.3
SUA	0.74	191	eP	28	55.52	-0.3
			eS	29	06.74	
PLRM	0.87	133	iP	28	56.98	-0.8
			eS	29	08.79	
HUR	0.88	25	eP	28	56.85	-1.2
			eS	29	08.63	
PMS	1.04	155	eP	29	00.26	-0.5
SML	1.07	110	iP	29	00.16	-1.2
NCG	1.13	227	eP	29	01.87	-0.5
			eS	29	17.82	
CGLM	1.15	221	eP	29	02.51	-0.3
KNK	1.23	128	eP	29	02.74	-1.3
			eS	29	19.35	
CP2	1.26	223	eP	29	04.30	-0.4
SPU	1.27	218	eP	29	04.26	-0.5
TRF	1.27	3	eP	29	04.20	-0.7
			S	29	20.52	
CKN	1.27	221	eP	29	05.00	0.2
CKT	1.30	221	eP	29	04.96	-0.3
			S	29	21.84	
BGL	1.31	226	eP	29	05.07	-0.4
CKL	1.34	223	eP	29	05.66	-0.3
			S	29	21.84	
KTH	1.39	351	eP	29	04.36	-2.3
RND	1.43	30	eP	29	04.16	-3.0
			S	29	24.42	
PTE	1.49	152	eP	29	08.21	0.2
			S	29	26.92	
NKA	1.50	195	eP	29	09.45	1.4

SCM	1.52	102	eP	29	07.15	-1.3
			eS	29	26.82	
SLKM	1.69	176	eP	29	10.09	-0.8
MCK	1.70	23	eP	29	10.15	-0.9
			S	29	31.02	
MPA	1.78	162	eP	29	11.50	-0.7
DFR	1.93	215	iP	29	11.76	-2.7
TOA	2.01	90	eP	29	15.48	-0.1
GLI	2.08	128	eP	29	15.47	-1.0
VLZ	2.23	117	eP	29	17.89	-0.8
KLU	2.26	106	eP	29	18.96	-0.3
SDG	2.31	79	eP	29	19.08	-0.9
TZL	2.37	91	eP	29	21.11	0.4
FID	2.39	125	eP	29	20.64	-0.4
PAX	2.44	69	eP	29	21.22	-0.5
TTA	2.68	289	eP	29	24.31	-0.9
GLB	3.24	100	eP	29	32.32	-0.8

37 obs. associated

& DEC 14, 1992 15h 28m 42.04s
 58.987 N 154.212 W
 DEPTH = 107.5km
 ALASKA PENINSULA (12)
 <AEIC>.

MCNL	0.21	342	iP	28	56.67	0.8
			eS	29	07.74	
AUI	0.53	49	P	28	57.97	-1.1
			eS	29	10.68	
AUW	0.54	44	eP	28	58.48	-0.6
AUP	0.55	47	eP	28	57.82	-1.5
AUE	0.57	49	eP	28	58.26	-1.1
PDB	0.80	1	iP	29	00.30	-1.0
OPT	0.84	37	iP	29	01.02	-0.7
			eS	29	15.51	
SYI	1.02	111	eP	29	02.16	-1.3
			eS	29	17.64	
INW	1.22	26	iP	29	04.88	-0.9
INE	1.23	28	eP	29	04.97	-1.0
ILIM	1.27	30	iP	29	05.42	-1.0
KDC	1.54	143	eP	29	08.22	-1.3
RED	1.61	26	eP	29	09.32	-1.2
RS1	1.65	26	eP	29	09.79	-1.4
RS2	1.65	26	eP	29</		

14d 17h

0.8s 6.90nm 4.7mb
 YAK 58.40 2 eP 52 20.30 32kmX
 0.9s 36.00nm 5.5mb
 OBN 87.21 325 eP 55 41.00 1.0
 S.D. = 1.1 on 16 of 19 obs.

& DEC 14, 1992 17h 46m 57.34s
 34.341 N 116.912 W
 DEPTH = 2.6km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS), 2.8 (GS).

SSK 0.66 259 eP 47 09.87 -0.7
 GSC 0.96 5 iPd 47 15.48 -0.9
 PLM 0.99 178 eP 47 15.70 -1.2
 ISA 1.84 316 ePn 47 29.47 -0.7
 TPNV 2.66 12 ePn 47 43.43 1.4
 ePg 47 48.67
 BCH 2.74 289 (P) 47 41.83 -1.4
 6 obs. associated

? DEC 14, 1992 18h 00m 35.33± 0.53s
 1.022 N ±10.3km 122.427 E ±11.5km
 DEPTH = 33.0km (normal)
 4.6mb (5 obs.) 4.1Msz (1 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

TSM 5.59 306 iPd 01 56.50 -1.9
 MKS 6.87 205 iPd 02 25.50 9.2X
 CGP 7.72 17 eP 02 16.50 -11.8X
 KKM 7.96 309 eP 02 32.00 0.3
 BIP 8.11 28 ePd 02 29.50 -4.2X
 CVP 16.59 358 eP 04 29.00 1.9
 IPM 21.66 280 ePc 05 27.00 1.7
 MBL 22.19 186 eP 05 20.00 -10.5X
 WB2 23.89 151 iPc 05 47.10 0.0
 0.9s 41.10nm 5.0mb

NNT 25.26 298 eP 06 11.70 11.4X
 LAT 25.69 108 e(P) 06 03.70 -0.6
 PMG 26.72 113 eP 06 10.00 -3.8X
 0.9s 21.85nm 4.8mb

ASPA 26.96 156 iPc 06 15.20 -0.8
 0.8s 8.80nm 4.4mb
 QIS 27.26 143 eP 06 18.00 -0.7
 MRWA 30.69 191 eP 06 49.00 -0.4
 STK 37.43 153 iPd 07 47.70 0.4
 eS 13 47.30
 BJI 39.25 352 eP 08 00.50 -2.0
 1.0s 11.00nm 4.6mb

Z 20s 0.30um 4.1Msz
 ARMA 41.84 141 iPd 08 25.00 0.9
 0.8s 10.00nm 4.6mb
 BWA 42.87 148 eP 08 35.50 3.1X
 CAN 43.86 148 iPd 08 41.40 1.0
 HYB 46.10 293 eP 08 59.00 0.4
 GBA 46.24 288 P 08 59.40 -0.2
 S.D. = 1.2 on 15 of 22 obs.

* DEC 14, 1992 18h 01m 34.83± 0.99s
 7.413 N ±17.0km 76.610 W ± 9.5km
 DEPTH = 33.0km (normal)
 3.8mb (1 obs.)
 NORTHERN COLOMBIA (99)
 MD 4.3 (UPA).

UPA 3.29 299 eP 02 25.36 0.1
 eS 03 00.00
 ECO 3.61 303 eP 02 30.16 0.2
 BOG 3.75 137 eP 02 32.00 -0.1
 eS 03 18.00
 SDV 6.10 76 ePn 03 07.00 1.8
 iSn 04 14.00
 TOV 7.14 70 eP 03 18.30 -1.5
 YKA 61.55 341 eP 11 50.40 -0.5
 0.6s 0.50nm 3.8mb
 S.D. = 1.4 on 6 of 6 obs.

DEC 14, 1992 19h 13m 04.27± 0.20s
 34.666 S ± 4.6km 179.553 E ± 6.6km
 DEPTH = 247.3km (5 depth phases)
 5.5mb (42 obs.)
 SOUTH OF KERMADEC ISLANDS (179)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 25S, 53C
 Centroid Location:

Origin Time 19:13: 1.5 0.2
 Lat 33.70S 0.02 Lon 179.87E 0.03
 Dep 161.3 0.8 Half-duration 2.1
 Moment Tensor; Scale 10**17 Nm
 Mrr=-4.75 0.14 Mtt=-0.06 0.20
 Mff=-4.70 0.21 Mrt=3.09 0.14
 Mrf=5.91 0.15 Mtf=-1.31 0.20
 Principal Axes:
 T Vol= 8.21 Plg=62 Azm=306
 N 0.12 7 203
 P -8.33 27 110
 Best Double Couple: Mo=8.3*10**17
 NP1: Strike=184 Dip=19 Slip= 70
 NP2: 25 72 97

PUZ 3.56 197 P 14 03.00 -0.2
 eS 14 55.70
 KUZ 3.75 235 P 14 07.50 2.1
 URZ 4.09 208 eP 14 09.30 -0.1
 NOZ 4.13 197 eP 14 09.80 -0.1
 WCZ 4.45 252 Pc 14 15.10 1.4
 WLZ 4.52 224 P 14 17.00 2.4X
 PAHZ 4.64 205 P 14 16.50 0.4
 MAHZ 4.71 196 eP 14 17.10 0.2
 MOH 4.86 203 P 14 19.40 0.7
 NGZ 5.50 214 P 14 27.30 0.4
 CNZ 5.55 214 eP 14 28.30 0.9
 WAHZ 5.63 206 eP 14 26.80 -1.6
 RAO 5.81 22 eP 15 04.00 33.5X
 eS 15 53.20

BSZ 6.31 214 eP 14 37.40 0.6
 NRZ 6.48 222 eP 14 42.90 4.0X
 PGZ 6.49 203 eP 14 37.50 -1.5
 MNG 6.76 207 eP 14 40.60 -1.9
 KIW 7.20 209 eP 14 46.60 -1.4
 MTW 7.23 205 eP 14 46.50 -1.9
 CAW 7.34 208 eP 14 48.50 -1.4
 BLW 7.42 204 eP 14 50.00 -0.9
 MOW 7.55 205 eP 14 50.90 -1.6
 DIW 7.58 214 eP 14 51.70 -1.2
 MRW 7.59 209 eP 14 51.50 -1.5
 SNZO 7.66 209 P 14 31.00 -22.8X
 S 16 03.00

TCW 7.75 211 eP 14 52.70 -2.3
 ORZ 8.29 220 eP 15 01.00 -0.9
 KHZ 9.06 210 eP 15 10.00 -1.8
 DSZ 9.33 218 eP 15 14.20 -1.1
 LTZ 9.90 213 eP 15 20.80 -1.7
 MOZ 10.49 209 eP 15 25.30 -4.6X
 eS 17 26.80
 LMZ 12.05 218 eP 15 49.10 -0.3
 BWZ 12.35 214 eP 15 53.10 0.0
 ODZ 12.41 211 eP 15 54.70 0.7
 MSCZ 12.99 214 eP 16 01.20 0.0
 MHZ 13.03 214 eP 16 00.80 -0.9
 LSCZ 13.03 214 eP 16 00.50 -1.2
 SBCZ 13.04 214 eP 16 00.90 -0.9
 MMCZ 13.05 215 eP 16 01.40 -0.6
 CMCZ 13.10 214 eP 16 02.20 -0.4
 TLC 13.22 214 eP 16 05.20 1.0
 TUZ 13.57 211 eP 16 10.80 2.6X
 eS 18 40.30

BCZ 14.41 215 eP 16 19.50 1.0
 eS 19 00.30
 SIZ 14.93 212 eP 16 28.10 3.3X
 SVA 16.51 356 eP 16 27.60 -15.9X
 VUN 16.62 356 ePd 16 27.80 -16.9X
 DZM 17.02 314 iPc 16 43.10 -6.0X
 iS 19 52.10
 SCp 24 41.90
 PVC 19.62 326 iP 17 07.50 -8.2X
 BKM 19.71 326 iPc 17 09.50 -7.2X
 ARMA 23.88 272 iPd 18 02.00 4.9X
 0.4s 39.00nm 5.3mb
 BRS 24.02 280 iPd 18 04.00 5.7X
 1.0s 64.00nm 5.1mb
 i 18 35.00
 iS 22 15.00

CNB 24.70 260 iPd 18 11.10 6.5X
 1.0s 220.00nm 5.6mb
 i 21 36.50
 i 25 00.20
 CAN 25.00 260 iPc 18 13.00 5.8X
 eP 18 21.10 29kmX
 i 18 47.90
 iScP 25 01.00
 BWA 25.60 262 iPc 18 15.90 3.1X

RMO 27.66 279 iPc 18 34.20 2.8X
 1.1s 762.00nm 6.2mb
 iScP 21 43.70
 eS 22 13.70
 CMS 28.36 267 iPc 18 39.90 2.3
 QLP 31.32 275 iPc 19 05.80 2.3
 STK 31.74 264 iPc 19 11.00 3.9X
 i 25 19.40
 e 29 17.90
 CTA 32.77 288 iPc 19 17.00 0.8
 1.0s 212.50nm 5.7mb
 iPP 20 03.00
 iS 24 15.00

ADE 33.37 258 iPc 19 26.40 5.2X
 QIS 37.83 281 iPc 19 59.60 0.8
 0.4s 27.00nm 5.1mb
 PMG 38.86 303 iPc 20 05.30 -2.0
 1.0s 290.00nm 5.8mb
 DRV 39.42 204 eP 20 21.10 9.8X
 S 26 18.00
 RAB 39.55 314 eP 20 09.00 -4.0X
 iS 25 56.00
 LAT 40.94 305 eP 20 22.10 -2.2
 ASPA 41.04 273 iPc 20 27.10 1.9
 0.4s 189.00nm 5.9mb
 Z 19s 2.30um 5.1Msz

eP 21 03.20 164kmX
 eS 26 26.60
 iScS 30 06.10
 YYY 41.94 305 eP 20 30.50 -2.2
 WB2 42.41 278 iPd 20 37.50 1.2
 0.3s 242.00nm 6.1mb
 eS 26 47.00
 MDG 42.79 305 ePc 20 38.40 -1.0
 FORT 43.12 260 iPd 20 45.10 3.2X
 SBA 43.65 184 iPc 20 57.00 11.4X
 WWKK 45.44 305 eP 20 59.90 -0.6
 COOL 48.67 257 iPc 21 28.00 2.5X
 0.4s 57.00nm 5.3mb
 CSY 48.81 284 eP 21 26.80 0.2
 50.42 209 iPd 21 45.60 7.4X
 0.5s 153.40nm 5.7mb

KLB 51.12 255 iPd 21 46.50 2.5X
 0.3s 48.00nm 5.4mb
 MUN 52.22 254 eP 21 55.00 2.9X
 0.6s 61.00nm 5.2mb
 BAL 52.33 256 eP 21 54.50 1.6
 MEEK 52.35 261 iPc 21 54.50 1.4
 MRWA 53.43 257 eP 22 03.00 2.0
 MBL 53.76 268 iPc 21 53.90 -9.7X
 0.3s 27.00nm 5.2mb
 SPA 55.51 180 iPc 22 24.60 8.7X
 1.0s 420.00nm 5.9mb
 i 27 00.70

MHA 59.33 27 eP 22 36.35 -6.2X
 MKS 62.58 283 ePc 23 06.00 1.6
 KHK 63.89 278 eP 23 12.50 -0.5
 e 27 15.10
 DAV 65.69 298 eP 23 22.80 -1.7
 CGP 67.25 299 ePc 23 28.50 -5.8X
 MAW 67.60 202 iPc 23 37.50 1.8
 0.8s 212.60nm 5.9mb
 PLP 68.90 301 ePd 23 41.00 -3.5X
 TSM 69.64 291 ePc 23 49.50 0.5
 KKM 72.02 291 ePc 24 03.80 0.5
 1.1s 197.10nm 5.8mb

PGP 73.36 300 ePc 24 08.00 -2.9
 TGY 73.78 300 ePd 24 13.00 -0.3
 NVL 74.50 184 iPc 24 23.00 6.4X
 1.2s 103.00nm 5.4mb
 e 24 25.00
 e 24 36.00
 e 25 02.00
 eS 25 51.00
 e 33 48.00
 eSS 34 53.00
 38 39.00
 BCP 75.58 302 eP 24 23.00 -0.5
 BAG 75.59 302 eP 24 21.00 -2.9
 CVP 75.62 304 eP 24 14.00 -9.7X
 KGM 79.85 280 ePc 24 48.00 1.0
 1.0s 169.00nm 5.7mb
 MAT 80.63 327 eP 24 47.00 -3.6X
 1.0s 31.00nm 5.0mb
 YAMJ 81.22 330 eP 24 50.40 -3.1X
 OFUJ 81.32 331 eP 24 49.40 -4.6X

IPM	83.19	280	ePc	25	04.00	-0.3	RMW	97.17	36	eP	26	07.27	-2.0	0.8s	26.12nm					
	1.1s	116.10nm				5.5mb	HHC	97.73	315	eP	26	14.20	2.2	141.76	345	ePKP	32	03.00	-3.8X	
HOOU	83.56	334	eP	25	04.00	-1.4	Z	14s	1.18um				5.5MsZ	APA	141.80	340	iPKPd	32	03.90	-3.0
KUSJ	83.68	335	eP	25	03.00	-3.0	SRU	97.79	48	eP	26	10.96	-1.5	143.14	346	ePKP	32	04.83	-4.4X	
GZH	85.10	302	iPc	25	14.00	0.5	LPB	98.08	116	P	26	22.00	7.4X	GRO	143.51	298	iPKPd	32	08.00	-2.6
ASAJ	85.30	334	eP	25	12.30	-1.8	HVU	98.14	44	eP	26	12.16	-1.7		1.0s	220.00nm				
SSE	85.42	313	Pc	25	12.00	-2.9	Z080	98.21	116	P	26	21.90	6.4X	SDF	143.74	343	iPKP	32	06.30	-3.9X
	1.2s	45.00nm				5.2mb			SKS	36	48.00		MTA	144.08	295	iPKP	32	10.00	-1.6	
Z	20s	0.60um				5.0MsZ			LR	58	48.00			0.6s	190.00nm					
	S		35	20.00			PV09	98.27	49	eP	26	12.82	-1.9	BCAO	145.15	215	iPKPc	32	16.10	1.8
RFA	86.13	130	ePc	25	23.60	4.9X	CP2	98.32	13	eP	26	09.63	-4.7X		0.2s	156.00nm				
ADK	86.24	2	eP	25	13.77	-4.7X	PTI	99.07	44	(P)	26	15.79	-2.3			ic	32	17.80		
	0.9s	70.83nm				5.5mb	TTA	99.21	11	eP	26	16.36	-1.9			ic	32	21.10		
	eP		26	07.00	218kmX				1.0s	5.27nm			4.9mb			id	32	31.00		
CRZF	86.54	213	eP	25	24.00	3.7X	HHA1	99.33	43	eP	26	18.27	-1.0			id	35	40.10		
	eP		28	57.00			LZH	99.62	307	eP	26	20.50	-0.3	PYA	145.43	299	iPKPc	32	13.00	-0.8
	eS		36	00.00					1.5s	30.00nm			5.5mb			i	35	32.00		
	eSS		42	39.00			Z	22s	0.61um				5.1MsZ			e	38	52.00		
NJ2	87.50	312	iPc	25	24.00	-1.0	N	15s	0.43um											
	1.2s	93.00nm				5.5mb			PP	30	25.00			LOF	145.55	351	ePKP	32	11.20	-2.0
CFA	88.31	128	e(P)	25	34.00	4.8X	BW06	100.63	45	ePdiff	26	24.60	-0.7	MOS	146.50	321	iPKPd	32	17.00	1.8
NNT	88.88	286	eP	25	33.40	1.5		0.7s	3.53nm				5.0mb							
	e		28	49.00			GTA	104.14	308	Pdiff	26	40.00	-0.9	AKU	147.20	13	iPKP	32	18.30	2.3X
PET	89.19	348	eP	25	29.00	-3.5X	Z	20s	0.81um				5.3MsZ							
	1.0s	110.00nm				5.7mb			PP	30	58.50			OBN	147.29	320	ePKPc+32	16.00	-0.4	
	e		37	06.00			RSSD	104.67	46	(Pdiff)	26	41.18	-2.1		0.8s	200.00nm				
WHN	89.31	308	ePc	25	33.00	-0.6		0.6s	2.26nm				5.3mb			i	32	18.00		
	1.0s	27.00nm				5.1mb	GBA	107.49	275	PKP	31	04.00	0.6			eSS	55	32.00		
BCH	89.48	45	eP	25	32.93	-1.5	HY8	108.58	279	ePKP	31	06.40	0.9	KAF	147.76	337	ePKP	32	16.70	-0.3
LOE	90.13	291	eP	25	39.00	1.4	YKA	110.17	27	ePdiff	27	12.10	5.2X		0.6s	108.50nm				
	e		29	14.10				0.8s	0.90nm					PUL	147.86	331	ePKPc	32	19.00	1.8
ARN	90.16	43	eP	25	36.42	-1.0	YKA	110.17	27	ePKP	31	05.40	-1.7		1.0s	220.00nm				
SSK	90.24	47	eP	25	37.05	-1.0		0.6s	3.60nm					MDRJ	148.93	271	PKP	32	22.00	2.0
RTPR	90.29	128	ePc	25	43.10	4.8X	TIK	111.80	345	ePKP	31	08.00	-1.9	NUR	149.47	336	ePKP	32	22.00	2.3X
NST	90.36	289	eP	25	45.80	7.2X		1.0s	10.00nm						0.4s	91.60nm				
HMR	90.59	42	eP	25	38.79	-0.5			e	31	56.00			MASJ	149.70	275	PKP	32	27.00	5.9X
DL2	90.72	319	Pc	25	38.50	-1.4	ULM	112.58	44	ePKP	31	15.00	2.9X	SALJ	149.80	275	PKP	32	27.50	6.3X
	1.0s	62.00nm				5.5mb	BAO	112.61	130	e(PKP)	31	15.00	1.7	DSI	149.93	274	iPKPc	32	28.20	6.9X
	pP		26	38.00	244km				e	31	16.00			HRI	150.05	278	iPKPc	32	28.70	7.1X
ISA	90.76	46	ePc	25	39.18	-1.1			e	31	18.50			MMR	150.25	277	iPKPc	32	29.60	7.7X
	0.8s	21.56nm				5.1mb	BDF	112.64	130	PKPc	31	16.80	3.5X	BHL	150.26	279	PKPd	32	28.00	6.1X
	eP		26	34.64	226kmX				e	31	18.90			ADI	150.43	277	iPKPc	32	29.30	7.2X
TCA	90.83	130	ePd	25	45.60	4.7X			e	31	21.00			LIC	151.38	170	PKP	32	27.80	3.8X
KMPM	90.96	39	eP	25	38.77	-2.3	BFT	113.38	210	ePKP	31	18.00	3.3X	KIC	151.56	171	PKPc	32	28.00	3.7X
MDJ	91.01	327	eP	25	39.00	-2.1	SLR	114.04	208	ePKP	31	14.10	-1.8	MOL	151.62	352	ePKP	32	28.42	5.6X
	1.5s	70.00nm				5.4mb	WMO	114.20	308	ePKP	31	14.00	-1.6	SIM	151.72	302	ePKP	32	39.00	15.4X
	pP		26	38.00	242km		Z	20s	0.80um				5.3MsZ	E	26s	0.40um				
SDN	91.26	11	eP	25	38.02	-3.9X	FCC	117.13	36	ePKPd	31	22.00	1.5	TIC	151.80	170	PKP	32	28.40	3.8X
	1.1s	212.05nm				6.0mb	CEH	117.53	64	ePKP	31	23.71	1.7	UPP	152.16	340	iPKP	32	29.00	5.3X
TIA	91.40	314	Pc	25	42.30	-0.8	ELT	118.75	317	ePKP	31	21.80	-1.9			i	32	38.20		
	1.4s	140.00nm				5.7mb		0.7s	30.00nm					KAS	152.35	294	ePKP	32	32.00	7.3X
Z	20s	0.97um				5.2MsZ	BUL	118.89	211	iPKPd	31	28.50	3.3X	MNK	152.50	323	ePKP	32	26.00	1.7
	pP		26	43.00	249km			1.2s	40.63nm						0.9s	1.00nm				
SNY	91.80	322	iPc	25	42.60	-2.1	PRZ	119.93	303	ePKP	31	27.00	0.4	FOO	152.82	354	ePKP	32	30.14	5.6X
	1.4s	67.00nm				5.5mb		1.0s	50.00nm					NAO	152.83	348	PKP	32	31.20	6.5X
MTUM	91.86	45	eP	25	43.89	-1.6	KSH	120.54	299	ePKP	31	29.00	1.2	HFS	152.90	344	ePKP	32	30.40	5.6X
GYA	91.92	301	P	25	45.00	-0.9	Z	12s	1.50um				5.9MsZ	SUE	153.38	354	ePKP	32	33.00	7.7X
	pP		26	46.00	251km		WIN	120.69	199	iPKPc	31	30.50	1.8	KONO	154.15	348	ePKP	32	35.20	8.7X
	PP		29	30.00				0.6s	166.67nm					KIS	154.78	308	ePKP	32	37.00	9.3X
LGPM	91.99	40	eP	25	44.62	-1.3			i	33	07.00					i	32	51.50		
MRM	92.11	44	eP	25	45.77	-0.9	EEO	121.49	52	ePKP	31	34.00	4.8X			e	36	25.00		
BDT	92.15	289	eP	25	48.00	1.2	RES	121.93	18	ePKPd	31	29.10	-0.1	KDS	155.55	151	iPKPd	32	32.80	3.1X
CN2	92.33	324	Pc	25	44.50	-2.6		1.0s	30.00nm					MLR	157.19	306	ePKP	32	32.00	0.8
	1.0s	75.00nm				5.7mb	NRI	122.48	335	iPKPc	31	29.00	-1.3	UZH	158.12	317	ePKP	32	34.00	2.1
Z	25s	0.79um				5.1MsZ		0.8s	46.00nm					OJC	158.55	323	ePKP	32	32.20	-0.2
TPNV	92.95	46	(P)	25	49.45	-1.0			e	33	11.00					e	32	43.70		
	0.6s	18.29nm				5.3mb	LVNJ	122.53	60	ePKP	31	30.96	-0.4	SPC	158.94	320	ePKP	32	33.10	0.0
CHG	93.10	291	eP	25	51.60	0.3	FRU	122.67	302	ePKP	31	31.50	-0.1	KSP	159.77	328	ePKP	32	33.80	0.1
	1.1s	25.32nm				5.2mb		1.5s	30.00nm							e	32	48.50		
TUC	93.36	53	eP	25	52.51	0.2	TBR	123.03	60	ePKP	31	32.43	0.1			id	33	12.00		
	1.0s	24.81nm				5.2mb	RSNY	123.88	56	ePKP	31	33.58	-0.3	BRG	160.72	332	ePKP	32	33.50	-1.1
	eP		26	47.67	224kmX		MIM	127.83	56	ePKP	31	41.31	-0.1		1.7s	34.00nm				
KMI	93.93	298	Pc	25	56.00	0.7	BRVK	128.00	314	iPKP	31	38.00	-3.5X			i	33	15.60		
	1.5s	50.00nm				5.4mb		1.0s	49.00nm					CLL	160.73	334	ePKP	32	35.00	0.4
	N	11s	0.90um				Z	26s	0.39um				5.0MsZ	CLL	160.73	334	ePKP	32	49.00	14.4X
	E	11s	0.60um				EMM	128.78	57	ePKP	31	43.10	-0.2	SRO	160.79	319	ePKP	32	36.70	1.9
BJI	94.54	316	eP	25	56.00	-1.4	CBM	128.82	54	ePKP	31	42.61	-0.7			e	33	16.90		
	2.0s	74.00nm				5.5mb	LMN	130.86	56	ePKP	31	50.00	2.8X	PRU	161.15	329	ePKP	32	35.50	0.4
Z	24s	0.64um				5.0MsZ	MAIO	131.85	290	iPKPd	31	50.60	1.0			e	32	50.50		
	eP		26	52.00	228kmX		SVE	133.79	318	ePKPd	31	53.10								

TNP	3.12	354	(Pn)	52	59.17	-0.5
BONR	3.21	338	ePn	53	01.27	0.2
MSU	5.12	45	ePn	53	27.20	-1.0
12 obs. associated						
* DEC 14, 1992 19h 57m 49.48± 0.56s						
8.205 S ±12.9km 107.169 E ±13.3km						
DEPTH = 33.0km (normal)						
5.0mb (4 obs.)						
JAWA, INDONESIA (277)						
KHKI	8.35	92	eP	59	51.20	-0.1
			eS	01	17.30	
			e	04	35.10	
IPM	14.10	334	eP	01	11.50	2.4
KUG	16.34	98	eP	01	40.50	2.4
			e	03	00.00	
TSM	16.37	41	ePd	01	42.50	3.9X
NANU	16.38	152	iPc	01	37.20	-1.4
			eS	04	23.00	
MBL	17.76	138	eP	01	43.00	-12.9X
			eS	04	41.00	
CHG	28.05	343	eP	03	27.90	-12.1X
WB2	28.78	117	eP	03	45.40	-1.3
	0.5s		2.50nm			4.2mb
KOD	34.78	301	eP	04	43.00	3.3X
GBA	36.62	306	P	04	58.00	3.2X
HYB	38.05	312	eP	05	07.30	0.4
	1.0s		25.00nm			5.0mb
CTA	39.59	112	P	05	22.70	2.9X
STK	39.72	131	eP	05	21.90	1.2
LSA	40.72	338	P	05	30.60	1.2
NJ2	41.56	15	iPc	05	37.00	1.3
XAN	42.04	2	P	05	37.50	-2.2
POO	42.27	309	(P)	05	37.90	-3.9X
TDI	45.94	6	eP	06	08.80	-2.4
NI1	46.69	323	ePd	06	17.00	-0.2
	0.7s		13.70nm			5.0mb
HHC	48.98	4	eP	06	34.80	-0.1
WMO	54.71	343	eP	07	17.00	-1.0
KSH	55.54	331	P	07	24.00	-0.1
MA10	62.94	318	eP	08	15.00	-0.3
YAK	72.17	11	eP	09	10.00	-2.6
	0.9s		46.00nm			5.5mb
YKA	117.93	20	ePKP	16	33.20	-0.8
	0.7s		0.60nm			
GOL	137.22	38	ePKP	17	12.86	0.9
			e	17	30.81	
WMOK	144.44	38	ePKPc	17	22.66	-1.9
S10	145.19	35	e(PKP)	17	25.10	-0.7
LNO	145.36	34	ePKPc	17	25.30	-0.7
LN02	145.36	34	ePKP	17	25.50	-0.5
LN03	145.36	34	ePKP	17	25.60	-0.5
TUL	145.36	34	ePKPc	17	25.60	-0.5
	0.6s		36.70nm			
RLO	145.59	33	ePKP	17	26.20	-0.3
VVO	145.81	34	ePKP	17	27.40	0.5
BAO	145.85	226	e(PKP)	17	28.00	0.4
			e	17	29.30	
			e	17	30.90	
			e	17	48.70	
FVM	146.36	26	ePKP	17	28.36	0.7
UYO	147.38	35	iPKPd	17	31.70	2.3
ELC	147.45	25	ePKP	17	31.63	2.2
MIAR	147.58	33	ePKP	17	32.61	2.9X
OLY	147.92	29	ePKP	17	32.99	2.7X
			iPKPbc	17	35.45	
			e	17	46.81	
GBTN	150.75	19	(PKP)	17	36.44	1.8
			ePKPbc	17	40.47	
SIV	153.29	206	PKP	17	50.00	11.2X
S.D. = 1.4 on 32 of 42 obs.						
* DEC 14, 1992 20h 34m 11.36± 1.24s						
45.450 N ±8.3km 14.386 E ±13.0km						
DEPTH = 10.0km (geophysicist)						
NORTHWESTERN BALKAN REGION (383)						
MD 1.8 (TRI).						
RIY	0.11	180	iPgd	34	13.90	-0.2
			eSg	34		

VOY 0.68 330 ePg 34 23.50 -1.4
eSg 34 34.50
RBL 1.14 330 P 34 34.00 1.2
eSn 34 49.50
FVI 1.60 316 P 34 41.50 1.8
eSn 35 01.60
S.D. = 1.5 on 7 of 7 obs.

* DEC 14, 1992 20h 40m 49.34 ± 0.49s
8.319 S ± 11.6km 122.645 E ± 13.8km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
FLORES REGION, INDONESIA (286)

KUG 2.05 153 eP 41 22.70 0.5
eS 41 59.30
e 47 22.00
MKS 4.41 314 iPd 41 56.20 0.5
MTN 9.48 119 eP 43 05.40 -1.3
iS 44 50.50
KNA 9.51 142 iPd 43 04.30 -2.8
eS 44 48.00
MBL 13.05 192 eP 43 40.00 -15.1X
WB2 16.19 137 iPd 44 31.80 -4.3X
eS 47 22.40
ASPA 18.69 146 eP 45 05.40 -1.9
Z 19s 0.50um

QIS 20.41 128 eP 45 26.50 0.0
0.3s 8.00nm 4.6mb
MRWA 21.71 196 eP 45 39.00 -0.6
BAL 22.86 193 eP 45 50.20 -0.8
IPM 25.08 300 ePd 46 13.50 0.9
STK 29.33 146 eP 46 51.50 0.2
eS 52 30.30
RMQ 30.67 129 eP 47 03.70 0.4
e 47 37.80
NNT 30.82 312 eP 47 04.70 0.0
BWA 35.16 141 eP 47 44.80 2.5
CHG 35.68 319 eP 47 47.00 0.2
TOO 35.72 148 iPd 47 49.20 2.2
0.8s 35.00nm 5.3mb

CAN 36.11 142 eP 47 52.00 1.7
CD2 43.00 336 eP 48 47.40 -0.1
XAN 44.09 344 P 48 55.50 -0.8
GBA 49.89 296 P 49 40.00 -2.0
GTA 52.00 338 eP 49 57.00 -0.9
WMO 60.79 332 eP 51 00.00 -0.6
CNCB 152.91 157 ePKP 00 41.00 2.2
LPB 153.12 157 PKP 00 43.00 4.1X
ZOBO 153.33 156 PKP 00 40.00 0.5
S.D. = 1.4 on 23 of 26 obs.

DEC 14, 1992 20h 45m 00.87 ± 0.37s
49.173 N ± 3.0km 6.933 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (STR), MD 2.5 (UCC).

RUP 0.54 9 ePg 45 11.21 -0.5
LANF 0.61 108 Pg 45 12.84 -0.3
SRBF 0.66 113 Pg 45 14.20 0.2
WLF 0.71 314 iPd 45 14.31 -0.5
iS 45 23.88
CDF 0.79 163 Pg 45 15.82 -0.6
Sg 45 27.14
WLS 0.81 160 Pg 45 16.24 -0.4
Sg 45 27.47
ABH 0.81 29 ePg 45 16.01 -0.7
ECH 0.97 171 Pg 45 19.12 -0.2
VITF 1.14 214 Pg 45 21.65 -0.6
TOD 1.30 70 ePg 45 24.04 -0.9
MOF 1.33 174 Pg 45 25.95 0.5
BSF 1.35 184 Pg 45 26.04 0.3
Sg 45 44.91

TNS 1.44 43 ePnd 45 28.00 0.9
ePg 45 34.60
eSn 45 46.70
FEL 1.48 151 ePg 45 26.93 -0.8
ENN 1.72 338 ePn 45 31.50 0.5
0.4s 50.00nm
iPg 45 33.00
eS 45 57.00

SLE 1.75 143 ePc 45 32.80 1.3
DOU 1.78 302 P 45 31.20 -0.6
i 45 34.60
S 45 53.50

LOMF 1.82 182 Pn 45 31.85 -0.8
ZLA 1.95 150 eP 45 39.80 5.4X
SNF 2.18 309 eP 45 39.20 1.6
e 46 10.40
VDL 3.19 147 ePc 45 53.50 1.4
S.D. = 0.8 on 20 of 21 obs.

* DEC 14, 1992 20h 52m 09.80 ± 0.83s
10.679 N ± 10.3km 62.586 W ± 7.1km
DEPTH = 33.0km (normal)
NEAR COAST OF VENEZUELA (97)
MD 3.5 (TRN).

TCE 0.82 89 eP 52 25.79 0.9
eS 52 35.70
TRN 1.16 91 iPc 52 29.48 -0.3
iS 52 42.90
TPP 1.17 108 iP 52 30.22 0.3
eS 52 43.61
TBH 1.51 97 iP 52 33.94 -0.8
eS 52 52.37
GRW 1.73 32 eP 52 37.93 -0.1
eS 53 00.71
SVB 2.89 27 eP 52 54.62 0.1
eS 53 30.56
OLLA 4.20 261 iP 53 13.30 0.0
iS 54 01.70
S.D. = 0.6 on 7 of 7 obs.

DEC 14, 1992 20h 57m 38.51 ± 0.87s
44.986 N ± 2.8km 6.603 E ± 8.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (GEN), 2.2 (LDG).

BNI 0.08 37 Pd 57 41.10 -0.1
eSg 57 42.60
RRL 0.14 117 Pc 57 42.03 -0.1
S 57 43.82
BHB 0.49 107 P 57 48.16 -0.3
S 57 53.97
RSP 0.49 70 P 57 48.25 -0.3
S 57 54.39

LPG 0.52 12 Pg 57 49.20 0.0
Sg 57 56.50
SURF 0.53 163 Pg 57 49.08 -0.1
Sg 57 57.09
LPL 0.54 10 Pg 57 49.50 0.0
Sg 57 57.20
PZZ 0.60 143 P 57 50.22 -0.5
S 57 58.05
LSD 0.61 39 P 57 50.45 -0.6
S 57 57.86

DOI 0.66 136 Pc 57 51.30 -0.5
eSg 58 00.10
STV 0.90 145 P 57 56.16 0.3
S 58 07.98
ENR 0.96 142 P 57 56.76 0.0
S 58 09.04

ROB 1.14 127 P 58 00.12 0.3
ORX 1.17 56 P 58 00.93 0.5
SBF 1.27 152 Pg 58 06.90 4.7X
FIN 1.39 124 P 58 03.46 -0.4
IMI 1.42 139 P 58 04.81 0.4
FRF 1.43 179 Pg 58 06.50 2.1X
Sg 58 25.80

PCP 1.45 107 P 58 06.21 1.3
LRG 1.54 187 Pg 58 08.70 2.7X
Sg 58 29.30
LMR 1.65 182 Pg 58 10.20 2.5X
Sg 58 32.90
S.D. = 0.5 on 17 of 21 obs.

DEC 14, 1992 22h 18m 29.35 ± 0.46s
44.474 N ± 3.7km 7.304 E ± 4.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.0 (GEN), 2.0 (LDG).

DOI 0.05 305 P 18 32.00 0.4
eSg 18 33.40
PZZ 0.15 282 P 18 32.79 -0.1
S 18 34.80
STV 0.23 176 P 18 34.03 -0.3
S 18 36.77
ENR 0.26 161 P 18 34.71 -0.2
S 18 38.19

BHB 0.37 355 P 18 36.77 -0.1
S 18 41.90
ROB 0.44 114 P 18 38.69 0.3
S 18 45.10
SBF 0.62 171 Pg 18 42.80 0.9
Sg 18 49.10
FIN 0.70 112 P 18 43.09 -0.1
S 18 52.29

IMI 0.70 143 P 18 42.95 -0.3
S 18 52.10
FRF 1.03 208 Pg 18 48.60 -0.2
Sg 19 01.00
LRG 1.23 214 Pg 18 52.10 0.0
Sg 19 08.40
LMR 1.28 207 Pg 18 53.00 0.0
Sg 19 08.80
S.D. = 0.4 on 12 of 12 obs.

? DEC 14, 1992 22h 38m 32.47 ± 0.97s
8.708 S ± 15.8km 122.275 E ± 17.5km
DEPTH = 154.0 ± 21.4 km
FLORES REGION, INDONESIA (286)

KUG 1.94 138 eP 39 07.60 0.0
e 43 00.00
MKS 4.45 321 iPd 39 39.40 0.0
KNA 9.44 138 eP 40 46.00 -0.2
MTN 9.62 116 eP 40 43.00 -5.5X
MBL 12.60 191 eP 41 27.50 0.0
WB2 16.16 135 eP 42 12.50 0.1
eS 44 58.80

ASPA 18.58 145 eP 42 48.10 7.7X
eS 45 55.40
S.D. = 0.2 on 5 of 7 obs.

DEC 14, 1992 23h 21m 32.55 ± 0.37s
23.510 S ± 5.0km 68.736 W ± 8.3km
DEPTH = 100.8km (8 depth phases)
4.7mb (6 obs.)
NORTHERN CHILE (123)

ANT 1.55 262 iP 22 00.00 0.1
iS 22 15.30
SLA 3.20 113 ePc 22 26.00 4.0X
YJA 3.27 67 iPc 22 25.90 2.7
FSA 3.56 137 iPd 22 31.50 4.7X
S 23 03.50

CYA 5.58 152 e(P) 22 57.00 2.3
CNCB 6.70 6 P 23 10.00 -0.6
LPB 6.97 5 P 23 12.00 -2.1
RTPR 7.05 164 e(P)c 23 15.20 0.4
ZOBO 7.21 5 P 23 16.70 -0.9
ARE 7.47 339 eP 23 29.00 8.1X
RTLL 7.79 178 ePd 23 24.30 -0.7

CFA 8.08 177 e(P) 23 27.90 -1.0
RTCV 8.32 179 eP 23 31.20 -1.0
TCA 8.62 156 ePd 23 35.60 -0.7
MRA 9.26 164 ePc 23 44.20 -0.7
PEL 9.75 190 eP 24 05.00 13.4X
SIV 10.39 45 P 24 00.00 -0.2

RFA 11.22 179 e(P) 24 08.00 -3.3X
VAO 20.01 93 eP 25 58.50 -1.2
e 26 00.50
BAO 21.04 72 e(P) 26 06.00 -4.2X
e 26 07.80
e 26 09.20
e 26 10.20
e 26 22.00
e 26 46.00

BDF 21.10 72 e(P) 26 07.00 -3.9X
e 26 09.90
e 26 11.00
BMA 22.62 93 eP 26 24.10 -1.6
MORO 34.17 1 eP 27 50.80 -19.5X
ELC 63.48 342 (P) 31 51.90 -2.0
eP 32 17.25 101km

FVM 64.47 341 eP 31 58.51 -1.9
0.6s 25.63nm
iP 32 24.27 103km
NVL 64.91 159 eP 32 03.00 0.1
RSNY 67.93 356 eP 32 22.02 -0.2
0.6s 19.24nm
ALO 68.26 327 ePd 32 24.83 0.0
0.8s 7.13nm
eP 32 50.24 100km
e 33 01.03

TUC 68.52 322 eP 32 26.71 0.5

14d 23h

	0.9s	5.63nm	4.4mb	
		epP	32 52.15	100km
LMN	69.12	3 eP	32 32.00	2.5
		pP	32 57.50	100km
KIC	69.12	73 P	32 29.80	-0.4
PV08	72.21	328 eP	32 49.16	0.4
		epP	33 14.61	99km
PV10	72.24	328 eP	32 50.00	1.1
MSU	73.92	326 iPd	32 59.62	1.0
		ipP	33 25.38	100km
RSSD	74.67	334 eP	33 03.00	0.1
	0.8s	8.22nm	4.6mb	
BW06	75.93	330 eP	33 09.50	-0.6
ULM	77.27	343 eP	33 19.50	2.5
ORV	79.76	321 eP	33 32.40	1.6
		epP	33 59.50	104km
SES	82.54	334 eP	33 45.00	-0.3
FCC	84.62	347 eP	33 59.00	3.6X
YKA	93.13	341 eP	34 35.00	-0.8
	0.7s	2.80nm	4.7mb	
ASPA	128.21	207 ePKP	40 29.50	0.3
	0.7s	6.30nm		
GBA	146.53	101 PKP	41 04.00	1.2
HYB	148.81	95 ePKP	41 11.10	4.7X
S.D. = 1.3 on 34 of 44 obs.				

* DEC 14, 1992 23h 26m 22.49±0.99s
 6.787 N ±10.3km 72.944 W ±15.7km
 DEPTH = 169.9 ±10.3 km
 4.1mb (1 obs.)

NORTHERN COLOMBIA (99)

BOG	2.42	207 iP	27 04.00	-0.5
		eS	27 34.00	
SDV	3.10	48 iPnc	27 13.00	0.4
		iSn	27 51.10	
TOV	4.31	46 ePnc	27 28.20	0.1
		iSn	28 17.90	
ZOBO	23.42	168 P	31 18.10	0.0
LPB	23.66	168 P	31 21.00	0.7
SIV	25.50	153 (P)	31 29.00	-8.0X
BAO	33.27	132 Pd	32 45.70	-0.4
		e	32 46.30	
LMN	39.55	9 eP	33 42.00	3.7X
ULM	47.38	340 eP	34 42.50	1.4
YKA	63.36	340 eP	36 33.20	-2.2
	0.5s	1.50nm	4.1mb	
KIC	67.70	86 P	37 03.00	-1.0
ASPA	149.24	234 ePKP	45 50.10	1.4
	0.7s	8.60nm		
WB2	150.46	241 iPKPd	45 55.00	4.5X
	0.3s	11.50nm		
S.D. = 1.4 on 10 of 13 obs.				

* DEC 15, 1992 00h 40m 15.84±0.61s
 16.658 S ±9.6km 73.414 W ±9.3km
 DEPTH = 53.1km (3 depth phases)
 4.8mb (7 obs.)

NEAR COAST OF PERU (115)

ARE	1.85	84 iPd	40 46.50	0.5
ZOBO	5.08	87 iPc	41 33.80	1.8
LPB	5.10	89 P	41 34.00	2.0
	1.0s	960.00nm	6.0mb X	
CNCB	5.21	92 iPc	41 35.20	1.5
ANT	7.55	159 eP	42 05.00	-0.9
YJA	9.26	128 e(P)	42 25.50	-4.4
SIV	11.87	89 eP	43 05.00	0.0
RTPR	14.98	156 ePd	43 53.00	7.2X
CFA	15.61	163 e(P)	44 00.20	6.2X
TCA	16.68	153 ePd	44 07.70	0.2
RFA	18.57	167 e(P)	44 33.30	2.3
BAO	24.44	91 e(P)	45 29.00	-2.1
		e	45 30.50	5kmX
		e	45 32.10	
		e	45 40.00	
		e	45 43.20	
		e	45 44.50	
		e	45 47.20	
		e	45 55.20	
		e	45 58.70	
		e	46 43.00	
8DF	24.52	91 Pc	45 31.20	-0.7
		e	45 32.00	3kmX
		e	45 38.50	
		e	45 40.10	
		e	45 57.10	

SDV	25.53	6 eP	46 02.90	
		e	46 08.90	
VAO	25.64	109 eP	45 40.00	-1.5
TOV	26.52	8 eP	45 43.30	0.8
BMA	28.17	107 eP	45 49.00	-1.5
		e	46 06.50	1.0
		e	46 15.20	31kmX
UYO	54.37	339 iPc	49 39.50	-0.1
OLY	54.63	342 (P)	49 45.26	3.8X
TUL	56.41	338 eP	49 53.30	-1.0
	0.3s	44.20nm	6.0mb	
		e	50 07.50	52km
LNO	56.41	338 eP	49 53.30	-0.9
		e	50 07.70	53km
LMN	62.70	7 eP	50 39.50	2.1
		pP	50 54.50	55km
MSU	65.81	327 eP	50 58.71	0.6
RSSD	66.64	336 eP	51 03.43	0.2
	0.8s	3.53nm	4.4mb	
KDS	67.09	68 eP	51 04.00	-2.4
DUG	67.40	328 eP	51 08.65	0.6
	1.0s	5.42nm	4.5mb	
ULM	69.50	345 eP	51 22.50	1.9
LIC	71.32	77 Pc	51 32.00	-0.4
TIC	71.47	77 Pc	51 32.80	-0.5
KIC	71.63	77 Pc	51 33.50	-0.8
	0.7s	75.00nm	5.7mb	
SES	74.51	336 eP	51 50.00	-0.5
PAB	85.17	46 iPc	52 48.30	0.4
YKA	85.26	342 eP	52 47.20	-0.5
	0.6s	2.30nm	4.5mb	
BCAO	93.12	86 iPc	53 25.90	-0.1
	0.9s	9.00nm	5.2mb	
GEC2	100.49	42 Pd iFf	53 59.40	0.5
	0.5s	0.39nm	4.2mb	
WARB	133.16	205 iPd iFf	56 34.10	9.3X
MEEK	135.41	195 ePd iFf	56 38.00	3.2X
MAT	145.71	311 (PKP)	59 58.00	7.6X
	1.2s	31.25nm		
GBA	151.71	92 PKP	00 08.00	7.8X
HYB	153.19	84 ePKP	00 11.00	8.7X
XAN	162.57	354 ePKP	00 25.50	12.5X
CD2	165.58	10 ePKP	00 18.00	2.1
S.D. = 1.5 on 33 of 42 obs.				

* DEC 15, 1992 00h 52m 20.44±0.59s
 8.409 S ±8.1km 122.455 E ±8.9km
 DEPTH = 33.0km (normal)
 4.8mb (7 obs.)

FLORES REGION, INDONESIA (286)

WSI	2.48	239 e(P)	52 59.10	-0.3
		eS	53 23.50	
MKS	4.34	317 iPd	53 26.50	0.7
KNA	9.55	140 iPc	54 37.60	-1.2
		eS	56 25.00	
MTN	9.60	118 iPd	54 40.80	1.4
		iS	56 54.90	
MBL	12.93	191 eP	55 11.00	-13.6X
	0.4s	14.00nm		
		eS	57 30.00	
NANU	15.57	205 eP	55 58.00	-1.2
		eS	58 40.00	
WB2	16.25	136 eP	56 05.10	-2.9
		iS	58 58.90	
ASPA	18.72	145 eP	56 39.50	0.8
	0.6s	44.60nm	4.8mb	
		eS	59 59.80	
QIS	20.50	128 eP	57 00.00	1.4
MRWA	21.57	196 eP	57 09.70	0.4
	0.4s	11.00nm	4.6mb	
BAL	22.73	193 eP	57 21.10	0.3
KLB	23.48	190 eP	57 29.00	0.9
	0.3s	9.00nm	4.8mb	
MUN	24.16	193 eP	57 36.00	1.3
STK	29.36	145 eP	58 26.20	3.5X
RMQ	30.75	129 eP	58 21.20	-13.9X
		e	59 39.80	
CHG	35.63	320 iPc	59 17.40	-0.1
	1.0s	19.00nm	5.0mb	
LSA	48.40	323 eP	01 02.00	-0.1
	0.5s	3.00nm	4.6mb	
GTA	52.01	338 eP	01 29.00	-0.1
	1.0s	9.00nm	4.7mb	
WMQ	60.78	332 Pc	02 30.30	-1.3
	1.0s	15.00nm	5.1mb	
		pP	02 35.00	15kmX

YJA 148.63 166 ePKPc 12 09.30 6.0X
 CNCB 152.90 158 PKP 12 20.00 10.1X
 LPB 153.11 157 PKP 12 21.00 11.0X
 S.D. = 1.3 on 16 of 22 obs.

DEC 15, 1992 00h 54m 27.89±0.81s
 39.060 N ±7.2km 30.794 E ±9.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

MD 3.6 (ISK). Felt at Emirdag and Sivrihisar.

GPA	1.28	343 iPn	54 50.40	-1.3
		eSg	55 07.40	
EYL	1.58	342 iPn	54 55.00	-1.1
BCK	1.60	186 iPn	54 55.00	-1.4
DST	1.77	289 iPn	54 59.80	1.0
YLV	1.86	324 iPn	54 59.60	-0.5
GBZT	2.01	329 ePn	55 02.00	-0.3
		ePg	55 06.50	
		iSg	55 30.20	
ISK	2.41	327 iPn	55 07.00	-0.9
BNT	2.57	301 ePn	55 11.00	0.8
EDC	2.60	301 ePn	55 11.00	0.3
IZM	2.84	258 ePn	55 16.00	1.8
KAS	3.24	44 eP	55 22.50	2.6
DMK	3.60	321 iPn	55 24.40	-0.5
CSS	4.57	153 eP	55 38.00	-0.6
S.D. = 1.4 on 13 of 13 obs.				

* DEC 15, 1992 01h 45m 50.94±0.68s
 33.398 N ±7.8km 45.508 E ±10.6km
 DEPTH = 33.0km (normal)
 4.2mb (3 obs.)

IRAN-IRAQ BORDER REGION (346)
Felt at Dehloran, Iran.

KER	1.63	54 iPc	46 18.40	0.5
		eS	46 40.00	
TAB	4.71	8 eP	47 09.00	7.4X
		i	48 40.60	
TEH	5.38	63 eP	47 29.00	17.9X
SHI	7.06	120 eP	47 35.00	0.2
QASM	7.48	194 eP	47 40.60	0.0
		eS	49 06.00	
MJMA	7.52	182 eP	47 41.30	0.2
UQSK	8.06	201 eP	47 48.60	-0.1
		eS	49 40.00	
RYD	8.70	173 eP	47 56.00	-1.5
		eS	49 52.00	
AYN	9.31	244 eP	48 14.66	8.8X
		eS	50 43.30	
ZST	25.91	313 eP	51 22.00	0.5
HFS	33.89	332 eP	52 29.70	-2.8
	0.4s	1.50nm	4.2mb	
BCAO	38.24	227 iPd	53 11.30	1.5
	0.9s	14.00nm	4.8mb	
		ic	53 16.10	
KIC	53.70	251 P	55 12.60	0.5
YKA	83.11	351 eP	58 15.30	1.0
	0.8s	0.70nm	3.8mb	
S.D. = 1.3 on 11 of 14 obs.				

? DEC 15, 1992 02h 10m 42.58±0.78s
 8.095 S ±10.2km 117.954 E ±8.0km
 DEPTH = 33.0km (normal)
 4.7mb (1 obs.)

SUMBAWA REGION, INDONESIA (285)

KHKI	2.34	263 iPd	11 18.50	-1.0
		iS	11 56.60	
		e	15 44.10	
WSI	2.79	124 ePd	11 27.00	1.1
		eS	11 36.20	
MKS	3.23	28 iPd	11 33.00	0.8
TRT	5.28	274 iPc	12 01.50	0.2
MBL	13.11	172 iPc	13 36.00	-13.2X
		eS	15 51.50	
MTN	13.79	111 eP	13 55.60	-2.5
NANU	14.57	189 eP	14 09.00	0.7
		eS	16 38.00	
MEEK	18.45	178 eP	14 58.00	0.4
		eS	17 06.00	
ASPA	21.76	137 eP	15 34.00	0.6
	0.5s	16.40nm	4.7mb	
STK	32.30	140 eP	17 10.50	-0.3
S.D. = 1.3 on 9 of 10 obs.				

? DEC 15, 1992 03h 04m 49.73±5.48s
32.588 S ±25.1km 72.306 W ±36.6km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.7 (SAN).

LCCH	1.08	145	iP+	05	10.07	0.0
			iS	05	21.79	
ROCH	1.16	110	iPd	05	11.16	-0.3
JACH	1.45	94	iPd	05	15.98	-0.1
			iS	05	32.60	
PEL	1.47	113	iP+	05	16.32	0.0
			iS	05	32.94	
LNK	1.56	151	iP+	05	17.11	-0.4
TACH	1.56	133	iP	05	17.70	0.1
			iS	05	35.15	
PCH	1.02	125	iPd	05	21.93	0.5
			iS	05	43.37	
FCH	1.85	114	iP+	05	22.28	0.2
			S.D.	= 0.3	on 8 of 8 obs.	

& DEC 15, 1992 03h 14m 42.47s
61.621 N 151.708 W
DEPTH = 89.0km
3.1mb (1 obs.)
SOUTHERN ALASKA (2)
<AELIC>.

CGLM	0.35	205	iP	14	55.64	-0.7
SKT	0.37	13	iP	14	55.74	-0.7
			S	15	06.60	
CRP	0.42	211	ePc	14	55.64	-1.3
			S	15	06.75	
CP2	0.44	216	eP	14	56.12	-1.0
			S	15	07.01	
CKN	0.46	210	eP	14	56.49	-0.6
SPU	0.47	201	eP	14	56.36	-0.8
			iS	15	07.68	
CKT	0.49	210	eP	14	56.40	-0.9
			iS	15	07.98	
BGL	0.49	223	eP	14	56.43	-0.9
			S	15	08.68	
SUA	0.49	108	iP	14	57.31	-0.1
			eS	15	09.11	
CKL	0.52	216	eP	14	56.77	-0.9
PWA	0.87	87	P	15	00.60	-0.3
			S	15	15.10	
NKA	0.91	165	iP	15	02.28	1.0
PMS	1.10	109	P	15	02.90	-0.7
DFR	1.14	205	iP	15	03.25	-0.9
NCT	1.22	210	iP	15	04.43	-0.7
			eS	15	21.46	
RDN	1.22	205	iP	15	04.28	-0.9
PLRM	1.23	90	eP	15	03.65	-1.5
			eS	15	20.80	
PMR	1.23	90	eP	15	03.28	-1.9
			eS	15	19.94	
REF	1.23	203	iP	15	04.50	-0.9
			eS	15	21.78	
			iS	15	21.83	
RDW	1.26	206	iP	15	04.90	-0.8
RS2	1.27	204	iP	15	04.94	-0.9
RSO	1.27	204	iP	15	04.93	-0.9
RS1	1.27	204	iP	15	05.02	-0.9
RED	1.31	204	iP	15	05.27	-1.0
			eS	15	23.01	
SLKM	1.33	146	iP	15	04.92	-1.5
GHO	1.34	82	P	15	05.10	-1.5
			S	15	23.50	
PTE	1.50	119	iP	15	07.12	-1.5
			eS	15	26.54	
KNK	1.57	96	iP	15	07.89	-1.7
			eS	15	28.59	
MPA	1.61	134	eP	15	08.71	-1.3
			eS	15	29.12	
SML	1.62	82	eP	15	08.43	-1.7
ILIM	1.66	202	iP	15	09.45	-1.3
HUR	1.67	34	eP	15	09.65	-1.2
			eS	15	30.69	
INE	1.70	204	iP	15	09.88	-1.5
			S	15	31.07	
INW	1.71	205	eP	15	10.09	-1.3
			S	15	33.08	
SEW	1.88	143	eP	15	11.40	-2.1
BRK	1.91	167	eP	15	12.69	-1.3
			S	15	35.35	

TRF	1.95	19	iP	15	13.54	-1.2
			eS	15	38.12	
SVW	1.95	256	iPd	15	12.81	-1.8
			S	15	35.95	
KTH	1.97	10	eP	15	13.47	-1.4
SCM	2.10	82	eP	15	14.65	-1.9
OPT	2.11	201	eP	15	15.74	-1.0
			eS	15	41.21	
PDB	2.21	215	iP	15	16.95	-1.0
			S	15	43.21	
RND	2.23	35	eP	15	17.17	-1.2
KNIM	2.32	122	iP	15	15.98	-3.5
			S	15	43.45	
GLI	2.35	106	iP	15	16.81	-3.1
TTA	2.40	305	ePc	15	18.35	-2.4
			S	15	43.82	
AUE	2.41	201	eP	15	18.62	-2.1
AUP	2.42	201	eP	15	20.52	-0.4
AUW	2.42	202	eP	15	20.02	-0.8
AUH	2.42	202	eP	15	20.27	-0.7
AUI	2.45	201	eP	15	19.40	-1.8
			S	15	50.16	
MCK	2.48	30	eP	15	20.55	-1.1
MTU	2.58	128	P	15	20.20	-2.8
VLZ	2.63	98	eP	15	21.01	-2.7
			eS	15	51.95	
			eS	15	52.16	
TOA	2.67	77	P	15	22.80	-1.5
			S	15	55.00	
FID	2.68	107	eP	15	20.79	-3.6
MCNL	2.77	209	eP	15	24.28	-1.4
			S	15	56.33	
KLU	2.77	90	eP	15	22.75	-3.0
HIN	2.82	114	eP	15	22.74	-3.6
TZL	3.01	79	eP	15	27.31	-1.6
SDG	3.04	70	eP	15	28.06	-1.3
SYI	3.04	187	eP	15	27.70	-1.6
CVA	3.09	108	eP	15	27.40	-2.6
NEA	3.20	21	eP	15	29.13	-2.4
PAX	3.21	62	eP	15	30.09	-1.8
WRH	3.30	28	eP	15	30.52	-2.4
MLY	3.45	7	eP	15	34.48	-0.6
CCB	3.52	29	eP	15	33.70	-2.2
HDA	3.54	36	eP	15	33.88	-2.3
RAGM	3.64	107	eP	15	35.00	-2.7
MDM	3.70	24	eP	15	35.93	-2.6
FBA	3.74	27	eP	15	35.06	-3.9
GLB	3.79	89	eP	15	37.36	-2.4
HMT	3.85	106	eP	15	38.00	-2.6
GLM	3.90	28	eP	15	38.96	-2.3
KDC	3.91	186	eP	15	38.60	-2.7
DOT	4.07	57	eP	15	41.51	-2.2
CRQM	4.24	98	eP	15	42.71	-3.4
BALM	4.55	93	eP	15	47.75	-2.6
IMA	4.55	350	eP	15	47.33	-3.0
PRP	4.79	33	eP	15	52.52	-1.2
YAH	5.01	100	eP	15	54.45	-2.4
CTGM	5.05	93	eP	15	54.81	-2.5
SDN	7.80	220	eP	16	32.01	-3.0
YKA	17.26	71	eP	18	35.60	-3.2
			0.7s	0.80nm	3.1mb	
			85 obs.	associated		

DEC 15, 1992 03h 41m 50.55±0.54s
23.301 S ±5.0km 68.302 W ±10.2km
DEPTH = 160.9 ±10.1 km
NORTHERN CHILE (123)

ANT	1.98	258	eP	42	27.80	1.3
			iS	42	54.00	
SLA	2.93	120	ePc	42	38.80	0.6
FSA	3.47	144	iPd	42	46.80	2.0
CYA	5.60	157	iPd	43	13.70	0.8
CNCB	6.47	3	iPd	43	25.20	0.2
LPB	6.74	2	P	43	28.80	0.2
			1.0s	140.00nm	5.3mb	
ZOBO	6.98	1	P	43	31.10	-0.9
RTPR	7.15	167	e(P)c	43	33.50	-0.2
ARE	7.44	336	eP	43	37.00	-0.8
			iS	44	55.50	
RTCB	8.17	183	ePc	43	47.50	0.2
CFA	8.27	180	ePc	43	48.10	-0.5
RTCV	8.53	181	iPd	43	51.30	-0.7
TCA	8.66	158	iPd	43	53.00	-0.8
			S	45	26.00	
MRA	9.36	166	ePd	44	01.80	-1.1
SIV	9.96	44	P	44	10.40	-0.5

RFA	11.43	181	i(P)	44	28.50	-1.6
VAO	19.62	93	eP	46	07.50	-1.3
			i	46	08.70	
BAO	20.60	72	Pd	46	17.70	-1.1
			e	46	18.20	
			e	46	38.00	
			e	46	47.00	
BDF	20.66	72	e(P)	46	17.00	-2.4
			e	46	18.00	
BMA	22.23	93	eP	46	35.90	1.2
KDS	65.43	63	iP	52	18.80	0.4
LIC	68.36	73	P	52	38.20	1.3
TIC	68.57	72	P	52	40.10	1.9
KIC	68.68	73	Pc	52	40.50	1.6
GBA	146.17	100	PKP	01	18.20	5.4X
			S.D.	= 1.3	on 24 of 25 obs.	

* DEC 15, 1992 03h 50m 25.85±1.18s
30.413 S ±11.3km 177.152 W ±20.3km
DEPTH = 33.0km (normol)
5.1mb (3 obs.)
KERMADEC ISLANDS, NEW ZEALAND (178)

RAO	1.34	330	eP	50	46.40	-1.9
			iS	51	04.10	
THZ	13.88	213	eP	53	41.50	-0.9
			e	53	50.60	
KHZ	14.12	209	eP	53	42.90	-2.6
DZM	16.89	296	iPc	54	25.10	3.8X
LMZ	17.11	215	P	54	25.20	1.3
ODZ	17.48	210	eP	54	26.50	-2.0
BRS	26.46	269	iPc	56	02.60	0.8
RMQ	30.16	269	eP	56	36.70	1.5
			0.8s	32.00nm	5.2mb	
			e	56	50.00	
TOO	31.63	247	iPc			

15d 04h

SKO 40.09 319 iP 32 33.30 1.6
0.7s 25.00nm 5.0mb
BUL 43.65 218 iPc 33 03.10 1.8
SPC 44.92 327 eP 33 14.70 3.4X
SRO 45.16 325 eP 33 15.00 2.1
ZST 46.04 325 eP 33 19.70 -0.2
GEC2 48.31 324 P 33 50.50 12.6X
0.8s 0.59nm
KHC 48.52 324 eP 33 40.00 0.5
e 33 52.00
CLL 49.95 326 iP 33 51.00 0.6
2.0s 32.00nm 4.9mb
FRF 50.58 315 eP 33 55.20 -0.1
1.0s 13.20nm 4.8mb
LMR 50.60 314 eP 33 55.10 -0.3
1.1s 34.70nm 5.2mb
LRG 50.74 315 eP 33 56.20 -0.3
1.1s 23.20nm 5.0mb
LPG 51.17 317 eP 33 59.20 -0.9
1.1s 17.10nm 4.9mb
LPL 51.19 317 eP 33 59.20 -1.0
1.0s 14.60nm 4.9mb
CDF 51.93 321 eP 34 04.50 -1.1
1.3s 14.80nm 4.8mb
LBF 53.48 318 eP 34 16.20 -0.9
1.2s 26.20nm 5.1mb
LOR 53.65 318 eP 34 17.20 -1.1
1.4s 31.35nm 5.1mb
SSF 53.81 318 eP 34 18.50 -1.0
1.0s 7.60nm 4.7mb
AVF 53.83 318 eP 34 18.30 -1.3
1.2s 8.35nm 4.6mb
BGF 54.09 317 eP 34 20.80 -0.7
1.1s 20.25nm 5.1mb
PAB 57.69 308 eP 34 48.00 0.3
KIC 59.78 269 P 35 06.20 3.7X
ASPA 85.44 116 eP 37 32.70 -1.3
0.7s 5.30nm 4.9mb
MDZ 126.68 240 ePKP 44 07.50 7.2X
S.D. = 1.3 on 26 of 30 obs.

& DEC 15, 1992 05h 25m 33.82s
59.950 N 152.778 W
DEPTH = 95.9km
SOUTHERN ALASKA (2)
<AEIC>.

ILIM 0.16 325 eP 25 46.90 0.8
eS 25 57.31
INE 0.18 308 eP 25 47.39 1.1
INW 0.21 304 eP 25 47.18 0.9
S 25 58.52
OPT 0.38 218 eP 25 47.87 -0.7
eS 25 59.07
RED 0.47 0 eP 25 48.47 -0.8
eS 25 59.83
eS 26 00.26
RS1 0.51 1 eP 25 49.09 -0.6
eS 26 00.94
RSO 0.51 1 eP 25 48.91 -0.8
eS 26 00.66
RS2 0.51 1 eP 25 48.97 -0.8
eS 26 00.87
RDW 0.53 358 eP 25 49.19 -0.7
eS 26 01.16
REF 0.54 4 eP 25 49.26 -0.7
eS 26 01.27
RDN 0.57 1 eP 25 49.49 -0.6
S 26 01.18
NCT 0.62 353 eP 25 49.70 -0.8
eS 26 02.04
DFR 0.65 4 iP 25 49.97 -0.7
eS 26 02.54
AUL 0.66 211 eP 25 50.59 -0.1
AUH 0.68 210 eP 25 50.34 -0.6
AUW 0.68 211 eP 25 50.14 -0.8
PDB 0.73 258 eP 25 50.59 -0.8
eS 26 03.34
BRK 0.97 100 eP 25 53.15 -0.8
eS 26 08.13
MCNL 1.10 227 iP 25 54.28 -1.1
eS 26 09.90
NKA 1.10 43 iP 25 56.46 1.1
CKL 1.27 10 iP 25 56.84 -0.7
CKT 1.29 12 iP 25 56.96 -0.7
S 26 15.06
SPU 1.29 16 iP 25 56.91 -0.7

CKN 1.31 13 iP 25 57.46 -0.5
BGL 1.33 8 eP 25 57.76 -0.5
CP2 1.35 11 iP 25 58.03 -0.5
SYI 1.36 171 eP 25 57.57 -0.9
eS 26 15.48
SLKM 1.39 65 eP 25 58.24 -0.7
CGLM 1.41 15 iP 25 58.65 -0.6
eS 26 17.48
SEW 1.68 83 eP 26 01.41 -1.1
MPA 1.79 71 eP 26 02.91 -1.0
SUA 1.82 32 eP 26 04.18 -0.3
SVW 1.82 311 eP 26 03.10 -1.4
PMS 2.05 49 eP 26 06.70 -0.8
PTE 2.08 62 eP 26 06.43 -1.3
SKT 2.13 16 eP 26 07.53 -0.9
PWA 2.22 39 eP 26 09.10 -0.6
PLRM 2.43 46 eP 26 10.92 -1.6
KNIM 2.55 79 eP 26 11.55 -2.6
KNK 2.58 54 eP 26 12.58 -2.0
SML 2.86 47 eP 26 16.45 -2.0
SCM 3.27 52 eP 26 21.59 -2.4
VLZ 3.40 67 eP 26 22.59 -3.1

43 obs. associated

& DEC 15, 1992 06h 48m 08.53s
34.262 N 116.735 W
DEPTH = 1.0km
SOUTHERN CALIFORNIA (43)
<PAS>P>. ML 3.0 (PAS), 2.8 (GS).

PEC 0.51 224 iPd 48 18.37 -0.4
SSK 0.80 267 iPc 48 23.63 -0.8
PLM 0.91 187 ePd 48 25.75 -1.0
GSC 1.04 357 iPd 48 28.09 -1.0
eS 48 42.05
GLA 2.00 127 ePn 48 41.68 -2.2
ePg 48 46.06
ISA 2.00 315 ePn 48 44.08 0.2
TPNV 2.71 8 (Pn) 48 54.33 0.1
BCH 2.91 289 ePn 48 55.61 -1.4
TNP 3.83 354 (Pn) 49 09.29 -0.9
ePg 49 20.75
BONR 3.90 341 (Pn) 49 11.82 0.6
MSU 5.61 40 (P) 49 35.17 -0.3

11 obs. associated

DEC 15, 1992 07h 24m 51.51 ± 0.43s
8.707 N ± 6.3km 126.776 E ± 6.7km
DEPTH = 22.3km (6 depth phases)
5.0mb (32 obs.) 4.6Msz (13 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

BIP 0.71 227 ePd 25 05.00 0.0
DAV 2.00 217 eP 25 26.40 1.9
1.4s 6697.67nm
CTB 2.96 240 ePc 25 39.00 0.9
PLP 3.02 324 ePd 25 43.00 4.1X
eS 26 02.50
PGP 7.44 310 ePc 26 46.50 5.0X
TGY 7.84 314 ePc 26 56.00 8.8X
PPR 8.01 278 ePc 26 50.00 0.5
QCP 8.12 317 eP 26 51.00 0.0
QVP 8.15 317 eP 27 00.00 8.5X
BAG 9.75 322 eP 27 15.50 1.7
CVP 10.16 332 eP 27 20.00 0.8
PJG 18.40 73 eP 29 05.70 -1.3
GZH 19.24 320 eP 29 21.00 3.8X
Z 18s 1.82um
QIZ 19.36 304 eP 29 18.70 0.0
0.8s 26.00nm 4.5mb
E 14s 2.35um
SSE 22.88 348 Pc 29 57.60 3.0
1.0s 53.00nm 5.0mb
Z 20s 1.40um 4.4Msz
pP 30 06.00 30km
S 34 02.00
WHN 24.63 334 eP 30 12.00 0.3
Z 20s 0.80um 4.2Msz
NST 26.93 287 P 30 39.50 6.2X
KMI 28.12 308 Pd 30 48.60 4.3X
0.8s 30.00nm 5.1mb
Z 20s 3.20um 4.9Msz
E 17s 1.10um
TIA 28.76 344 Pc 30 49.10 -0.6
Z 20s 1.21um 4.5Msz
E 13s 0.83um
CHG 28.80 293 iPd 30 50.50 0.2

XAN 1.0s 15.00nm 4.7mb
30.09 329 P 31 00.50 -1.3
0.7s 3.70nm 4.3mb
Z 18s 0.88um 4.4Msz
CD2 30.80 319 eP 31 06.90 -1.1
Z 18s 2.27um 4.9Msz
N 11s 0.47um
eS 36 05.00
BJI 32.60 345 eP 31 24.00 0.4
1.2s 49.00nm 5.3mb
Z 20s 0.60um 4.3Msz
ASPA 32.92 168 eP 31 27.30 0.7
0.7s 8.30nm 4.8mb
SNY 33.11 356 Pc 31 28.60 0.6
1.0s 94.00nm 5.7mb
Z 19s 0.84um 4.5Msz
S 36 46.00
LZH 34.34 326 eP 31 38.50 -0.5
1.5s 22.00nm 4.9mb
Z 20s 1.39um 4.7Msz
E 11s 0.49um
pP 31 44.00 19km
PP 33 00.00
CTA 34.44 146 P 31 47.59 7.8X
HHC 34.75 340 P 31 43.20 0.9
1.2s 12.00nm 4.7mb
Z 20s 1.25um 4.7Msz
eS 37 16.00
CN2 34.98 358 Pc 31 45.00 0.9
0.7s 8.80nm 4.8mb
Z 16s 0.58um 4.4MszX
eP 31 55.00 35kmX
MDJ 35.86 3 eP 31 53.40 1.8
1.0s 83.00nm 5.6mb
GTA 38.94 326 eP 32 17.00 -0.8
1.2s 10.00nm 4.4mb
Z 20s 1.73um 4.9Msz
E 12s 0.42um
pP 32 23.00 20km
LSA 39.35 307 P 32 22.80 1.1
CIT 44.49 348 eP 33 04.30 1.3
ZAK 45.89 339 eP 33 14.00 0.0
1.2s 6.00nm 4.4mb
HYB 47.66 286 eP 33 28.90 0.4
MOY 47.79 339 eP 33 29.10 0.1
GBA 48.59 280 P 33 34.00 -1.7
WMO 48.76 323 P 33 36.50 -0.2
0.9s 14.00nm 5.0mb
Z 20s 1.12um 4.9Msz
N 18s 1.42um
pP 33 43.00 22km
sP 33 47.50
PP 35 30.00
sS 40 58.00
BOD 49.98 351 eP 33 45.80 0.0
0.8s 20.00nm 5.2mb
YAK 53.25 2 eP 34 10.00 -0.4
1.5s 83.00nm 5.5mb
ELT 55.12 332 eP 34 22.00 -2.2
0.9s 18.00nm 5.1mb
FRU 56.77 316 eP 34 53.80 17.4X
Z 24s 0.90um 4.8MszX
e 35 00.00 20km
QUE 59.64 300 eP 34 53.50 -3.3X
TIK 62.88 1 iPc 35 17.00 -0.7
1.3s 60.00nm 5.6mb
Z 16s 0.50um 4.8MszX
e 35 24.00 23km
e 35 50.00
e 37 35.00
iS 43 46.00
BRVK 63.30 326 iPc 35 19.00 -1.9
1.0s 39.00nm 5.5mb
Z 19s 0.34um 4.5Msz
N 19s 0.24um
E 19s 0.23um
NRI 65.55 346 (P) 35 34.00 -1.2
1.2s 30.00nm 5.3mb
e 35 45.00 36kmX
MAIO 66.60 306 eP 35 41.00 -1.7
SVE 69.78 328 ePd 36 01.50 -0.5
Z 17s 0.50um 4.8MszX
N 15s 0.20um
E 15s 0.40um
SVW 76.44 29 eP 36 42.48 1.5
1.2s 24.40nm 5.1mb
TTA 76.48 27 eP 36 41.93 0.7

IMA	0.8s	4.99nm	4.6mb	
	77.85	24 ePc	36 50.26	1.4
	0.7s	8.45nm	4.9mb	
PMR	79.59	29 eP	36 58.29	0.1
	1.1s	61.68nm	5.5mb	
FBA	80.23	26 eP	37 01.90	0.2
	1.0s	9.33nm	4.8mb	
KLU	81.13	29 eP	37 07.94	1.4
BALM	82.88	29 eP	37 17.10	1.4
KAF	87.23	332 iP	37 36.40	-0.9
	0.7s	9.20nm	5.1mb	
NUR	88.40	331 iP	37 41.60	-1.3
	0.6s	17.30nm	5.6mb	
DAG	92.37	353 iPc	38 00.50	-0.6
	0.6s	5.33nm	5.1mb	
HFS	93.66	333 eP	38 04.80	-2.5
	0.6s	1.70nm	4.6mb	
Z	18s	229.00um	7.7mszX	
		LR	18 35.00	
NAO	94.64	334 P	38 09.70	-2.1
	0.7s	4.00nm	5.0mb	
YKA	94.97	24 eP	38 14.00	0.7
	0.8s	4.70nm	5.0mb	
CNCB	163.52	121 ePKP	44 53.00	-2.1
LPB	163.54	120 PKP	44 55.00	0.1
ZOBO	163.62	119 PKP	44 56.00	0.7
S.D. = 1.2 on 54 of 64 obs.				

* DEC 15, 1992 07h 25m 35.76±0.93s
38.671 N ± 8.4km 141.949 E ± 14.4km
DEPTH = 82.3 ± 10.2 km
4.1mb (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ	0.46	332 iP+	25 49.90	0.3
		S	25 58.50	
YAMJ	1.58	252 iP+	26 01.40	-1.3
		S	26 19.30	
AOMJ	2.25	328 P	26 11.70	0.1
NIIJ	2.73	239 P	26 18.20	-0.1
KAKJ	2.84	210 P	26 19.30	-0.4
		eS	26 50.30	
CHJJ	3.52	223 P	26 29.80	0.6
		eS	27 07.00	
MAT	3.65	236 eP	26 32.00	0.9
	0.7s	20.55nm		
MRRJ	3.81	350 eP	26 33.50	0.3
		eS	27 15.90	
HOJJ	3.85	15 P	26 34.60	0.9
		eS	27 18.10	
KUSJ	4.89	24 P	26 47.70	-0.6
		S	27 40.80	
ASAJ	5.47	5 P	26 55.60	-0.8
FBA	47.50	33 (P)	34 12.00	8.1X
YKA	62.18	31 eP	36 11.10	20.8X
	0.5s	0.20nm		
APJ	72.39	336 eP	36 54.30	0.0
	0.5s	1.20nm	4.1mb	
S.D. = 0.8 on 12 of 14 obs.				

* DEC 15, 1992 09h 14m 32.49±1.76s
51.600 N ± 16.2km 16.135 E ± 8.9km
DEPTH = 10.0km (geophysicist)
POLAND (548)
MG 3.2 (WAR).

KSP	0.76	172 iP	14 46.60	-0.8
	0.5s	89.00nm		
		iS	14 56.20	
		i	15 00.90	
BRG	1.56	243 iPg	15 00.20	0.0
		iSg	15 20.40	
PRU	1.90	213 Pg	15 07.00	1.7
	0.4s	24.00nm		
		eSn	15 26.00	
		Sg	15 31.10	
		e	15 36.70	
CLL	1.98	263 iPn	15 05.80	-0.6
		ePg	15 09.00	
		iSg	15 35.00	
OJC	2.70	119 eP	15 17.00	0.3
		iS	15 59.90	
KHC	2.96	215 Pn	15 20.40	-0.1
		ePg	15 31.00	
		Sn	15 54.50	
		Sg	16 08.10	
MOX	3.00	253 ePg	15 28.70	7.7X

GEC2	3.17	210 iSg	16 08.40	
		Pn	15 23.70	0.3
		Pg	15 29.70	
		Sn	16 02.30	
		Sg	16 08.10	
KBA	4.88	203 iPnc	15 47.00	-0.8
	0.5s	7.20nm		
		i	16 53.60	
		i	17 02.00	
		i	17 08.70	
		i	35 49.10	
		i(Sg)	35 59.50	
S.D. = 1.0 on 8 of 9 obs.				
DEC 15, 1992 09h 23m 56.78±0.85s				
31.629 S ± 12.5km 69.565 W ± 9.1km				
DEPTH = 130.0km (geophysicist)				
SAN JUAN PROVINCE, ARGENTINA (137)				
MD 3.9 (SAN).				

RTCB	0.67	78 iPc	24 17.00	-0.3
RTCV	0.91	105 iPc	24 17.70	-1.5
RTLL	0.98	73 iPc	24 19.70	-0.2
		S	24 36.00	
CFA	1.13	89 ePd	24 22.10	0.8
		S	24 39.00	
JACH	1.36	219 iP	24 24.14	0.3
		iS	24 44.09	
PEL	1.78	212 iPd	24 28.94	0.3
		iS	24 52.23	
FCH	1.80	200 iP+	24 30.26	1.1
		iS	24 55.35	
ROCH	1.81	222 iP+	24 29.02	-0.1
		iS	24 52.50	
PCH	2.14	202 eP	24 33.69	0.6
		iS	25 01.92	
TACH	2.33	209 eP	24 34.50	-0.8
		iS	25 03.51	
LCCH	2.50	222 iP	24 36.94	-0.6
CACH	2.63	199 eP	24 40.44	1.1
		iS	25 12.75	
LNJ	2.79	213 iPd	24 40.11	-1.2
		eS	25 12.38	
RTPR	2.94	64 e(P)c	24 44.10	0.9
RFA	3.27	164 i(P)	24 47.20	-0.4
MRA	3.37	104 ePc	24 49.10	0.2
TCA	4.26	87 ePc	25 00.40	-0.5
		S	25 47.20	
S.D. = 0.8 on 17 of 17 obs.				

DEC 15, 1992 10h 25m 53.74±0.27s
45.465 N ± 3.0km 26.290 E ± 3.4km
DEPTH = 146.4 ± 3.8 km
4.3mb (28 obs.)
ROMANIA (358)
Felt in the Vrancea area and at Bucharest.

MLR	0.25	276 iPd	26 14.00	0.6
ISR	0.37	151 iPd	26 15.00	1.2
VRI	0.51	37 iPc	26 15.50	0.5
FOC	0.67	70 iPc	26 15.50	-0.4
MTUR	0.90	255 iPd	26 18.00	0.3
CMP	0.90	258 iPd	26 18.00	0.3
BUC	1.06	188 iPc	26 20.00	1.1
CFR	1.34	101 iPc	26 23.00	1.3
TNR	1.43	278 iPc	27 10.00	47.4X
PTT	1.47	3 iP	26 20.00	-3.0
DRA	1.64	242 iPd	26 23.00	-1.9
IAS	1.94	27 iPc	26 29.00	0.7
PSN	2.24	142 iPd	26 33.00	1.1
PVL	2.35	197 iPd	26 35.00	1.7
		iS	27 02.00	
KIS	2.37	48 iPc+	26 34.00	0.5
	0.5s	5600.00nm		
		iS	27 02.00	
DEV	2.41	281 iPc	26 36.00	2.0
GZR	2.47	270 iPd	26 34.00	-0.9
JMB	3.01	176 eP	26 40.00	-1.6
SSR	3.27	261 iPc	26 44.00	-1.0
PGB	3.29	208 iPd	26 46.00	0.6
CEI	3.45	311 eP	27 40.00	52.7X
DIM	3.46	189 iPd	26 47.00	-0.4
PLD	3.55	199 iPd	26 48.00	-0.7
VTS	3.63	219 iPd	26 49.00	-0.9
DMK	3.79	163 iPn	26 52.00	0.1
KDZ	3.87	190 iPd	26 53.00	0.1

RZN	3.95	197 iPd	26 54.00	-0.1
KKB	4.28	214 iPd	26 58.00	-0.4
MMB	4.30	207 iPd	26 59.00	0.4
ALN	4.57	182 eP	27 01.88	-0.3
		eS	27 41.12	
SRS	4.77	205 iP	27 04.73	-0.1
VAY	4.95	214 iPn	27 06.80	-0.4
SKO	4.95	227 iPn	27 03.70	-3.6X
		iPg	27 15.10	
		iSg	28 09.10	
KNT	4.96	211 iP	27 07.48	0.1
		eS	27 52.21	
PSZ	5.04	301 e(P)	27 07.20	-1.3
SOH	5.11	286 eP	27 09.28	-0.2
GBZT	5.21	153 ePn	27 11.00	0.3
EDC	5.24	167 iPn	27 11.00	-0.2
BNT	5.24	166 ePn	27 11.00	-0.2
GRG	5.33	214 eP	27 11.88	-0.4
THE	5.41	208 eP	27 13.04	-0.3
		eS	28 02.88	
KCT	5.43	163 iPn	27 12.30	-1.4
SIM	5.55	93 eP	27 16.00	0.7
		eS	28 14.00	
EZN	5.64	180 ePn	27 16.00	-0.4
PAIG	5.86	200 eP	27 18.16	-1.3
FNA	5.90	219 eP	27 20.84	0.8
OHR	5.91	225 iPn	27 20.70	0.5
LIT	6.05	209 eP	27 21.08	-0.9
DST	6.10	163 ePn	27 22.50	-0.3
KAS	6.81	124 iPc	27 32.60	0.2
ALT	7.00	155 eP	27 34.00	-1.1
AGG	7.08	206 eP	27 35.68	-0.3
PTJ	7.25	277 e(P)	27 38.10	-0.3
HVAR	7.42	256 ePn	27 40.80	0.3
		iSn	29 02.60	
VBY	7.76	274 ePc	27 45.40	0.4
VOY	8.69	278 e(P)	27 57.80	0.2
KBA	9.11	285 iPc	28 03.30	0.0
	1.1s	25.00nm	4.8mb	
GEC2	9.22	296 Pnd	28 05.00	0.4
	0.9s	7.37nm	4.3mb X	
KHC	9.38	298 P	28 07.30	0.6
	1.0s	6.40nm	4.2mb	
		e	28 20.00	
OSS	11.29	282 ePc	28 42.70	10.8X
OBN	11.67	31 eP	28 34.00	-2.6
	1.0s	50.00nm	5.0mb	
		iS	30 36.00	
VDL	11.75	281 iPd	28 47.50	9.5X
LLS	12.08	283 ePc	28 49.70	7.5X
TMA	12.18	279 ePc	28 51.60	8.1X
SLE	12.45	287 P	28 53.52	6.6X
ZLA	12.51	286 P	28 54.63	7.0X
PGF	12.79	263 eP	28 56.70	5.4X
	0.9s	38.15nm	4.9mb	
MMK	12.81	279 P	28 58.38	6.5X
DIX	13.20	279 ePc	29 02.60	5.8X
EMS	13.53	279 ePd	29 06.00	5.0X
LPG	13.71	277 eP	29 05.20	1.8
	0.8s	13.70nm	4.4mb	
LPL	13.72	277 eP	29 05.10	1.6
	0.6s	9.00nm	4.3mb	
RSL	13.78	278 P	29 04.90	0.8
SURF	13.83	273 P	29 06.45	1.7
LMR	14.30	268 eP	29 14.10	3.6X
	0.7s	17.85nm	4.5mb	
LRG	14.37	269 eP	29 15.20	3.8X
	0.8s	22.70nm	4.5mb	
UPP	15.32	343 iP	29 22.50	-0.7
LBF	15.51	284 eP	29 26.70	1.0
	0.8s	6.05nm	4.0mb	
LOR	15.58	285 eP	29 26.80	0.2
	0.6s	10.75nm	4.3mb	
SMF	15.62	282 eP	29 28.50	1.4
	0.9s	15.90nm	4.3mb	
SSF	15.83	284 eP	29 29.70	0.1
	0.9s	17.70nm	4.4mb	
AVF	15.95	283 eP	29 31.00	-0.1
	0.7s	8.50nm	4.2mb	
BGF	16.32	282 eP	29 35.60	0.0
	0.9s	11.95nm	4.2mb	
HFS	16.50	337 eP	29 35.10	-2.6
	0.5s	8.70nm	4.4mb	
MAF	16.54	281 eP	29 39.70	1.4
	0.7s	5.85nm	4.0mb	
TCF	16.78	281 eP	29 41.90	0.6
	0.7s	4.20nm	3.9mb	

TYG	22.22	356	ePc	46	31.00	11.3X
COOL	22.61	183	eP	46	04.00	-2.5
BAL	22.96	193	eP	46	09.00	-0.9
	0.6s	57.00nm				5.3mb
FORT	23.03	168	eP	46	11.00	0.4
KLB	23.70	190	eP	46	16.00	-1.1
PMG	24.30	95	eP	46	25.00	1.9
	1.0s	54.00nm				5.1mb
MUN	24.39	193	eP	46	24.00	0.2
BAG	24.54	355	eP	46	25.00	-0.5
IPM	24.98	300	ePc	46	31.10	1.4
CVP	25.75	358	eP	46	53.40	16.6X
CTA	25.76	120	eP	46	39.00	2.0
		i		46	53.00	58kmX

				iS	51	12.00	
RKG	26.74	190	eP	46	46.50	0.7	
STK	29.45	146	iPd	47	11.00	0.6	
			eS	52	51.30		
QIZ	29.84	335	eP	47	15.00	1.0	
	N 13s		0.89um				
	E 14s		0.96um				
			S	52	15.00		
RMO	30.78	129	eP	47	23.80	1.5	
			e	48	07.00	212kmX	
CMS	31.70	140	eP	47	30.00	-0.3	
NST	32.52	317	eP	47	44.00	6.4X	
BFD	34.05	151	eP	47	51.50	0.8	
BRS	34.34	128	iPc	47	53.60	0.2	
BDT	34.40	317	eP	47	54.50	0.7	
ARMA	35.01	133	eP	48	02.50	3.3X	
	0.5s		4.00nm			4.6mb	
CHG	35.56	319	iPd	48	04.90	1.1	
	1.1s		41.14nm			5.3mb	
TOO	35.84	148	iPd	48	08.20	2.2	
	1.0s		59.00nm			5.5mb	
CAN	36.23	142	eP	48	11.20	1.8	
CNB	36.45	142	eP	48	15.70	4.5X	
	0.6s		22.00nm			5.2mb	
GYA	37.77	336	iPd	48	29.00	6.6X	
	1.0s		14.00nm			4.7mb	
	Z 20s		0.75um			4.5Msz	
	N 15s		1.34um				
	E 15s		1.42um				
			pP	48	35.20	21km	
KMI	38.36	330	eP	48	35.00	7.5X	
	1.4s		40.00nm			5.0mb	
	Z 15s		1.20um			4.8MszX	
	N 10s		0.60um				
	E 10s		0.40um				
			S	54	25.00		
SSE	39.10	358	Pd	48	47.50	14.2X	
	1.4s		44.00nm				
	Z 20s		0.50um			4.3Msz	
	E 12s		0.30um				
			S	54	32.00		
WHN	39.33	349	eP	48	37.50	2.2	
	1.5s		100.00nm			5.3mb	
			S	54	36.00		
NJ2	40.19	355	iPd	48	44.00	1.7	
			eS	54	46.00		
CD2	42.88	336	eP	49	04.00	-0.5	
	1.0s		55.00nm			5.2mb	
	Z 20s		0.94um			4.7Msz	
	N 10s		0.65um				
			S	55	25.30		
			ScS	59	00.60		
XAN	43.97	344	P	49	13.80	0.5	
	0.8s		4.90nm			4.4mb	
	Z 18s		0.63um			4.6Msz	
			sP	49	26.00		
			PP	51	03.00		
			S	55	46.00		
			SS	58	56.00		
			ScS	59	11.00		
DZM	44.35	113	iPc	49	17.50	0.8	
TIY	46.65	349	eP	49	32.00	-2.7	
	Z 20s		0.87um			4.7Msz	
			S	56	20.00		
MAT	46.86	17	(P)	49	34.00	-2.3	
			eS	56	10.00		
DL2	46.87	359	eP	49	36.00	-0.3	
LZH	47.46	339	eP	49	47.40	6.2X	
	1.5s		30.00nm			5.1mb	
	Z 20s		0.65um			4.6Msz	
	N 12s		0.44um				
			PP	51	34.00		
			eS	56	35.00		
LSA	48.32	323	Pd	49	48.20	-0.2	
	Z 22s		1.33um			4.9Msz	
			PP	51	47.00		
			iS	56	48.50		
BJI	48.36	353	eP	49	45.00	-3.0	
	Z 20s		0.30um			4.3Msz	
			eS	56	44.00		
GBA	49.79	295	P	49	57.00	-2.3	
HHC	49.85	349	P	50	00.00	0.4	
	Z 20s		0.62um			4.6Msz	
	N 10s		0.32um				
			S	57	12.00		
GTA	51.87	338	eP	50	17.00	2.0	
	Z 18s		0.57um			4.6Msz	

	E	15s		0.41um				
				pP	50	24.00		23km
				sP	50	27.00		
				S	57	36.00		
				ScS	00	02.00		
MDJ	52.95	6	eP	50	22.50		-0.3	
POO	54.93	299	iPd	50	34.50		-3.4X	
BOM	55.97	299	eP	50	44.60		-0.7	
			eS	58	27.00			
NDI	57.09	312	eP	50	35.00		-18.2X	
YSS	57.82	16	eP	51	08.50		10.6X	
CIT	60.46	354	eP	51	17.00		0.8	
WMQ	60.67	332	P	51	17.00		-0.8	
	1.2s			22.00nm				5.2mb
Z	22s			0.83um				4.8Msz
				PcP	52	00.00		
				PP	53	30.00		
				ScP	55	56.00		
				PcS	56	02.50		
				S	59	30.00		
				sS	59	44.00		
				ScS	01	02.00		
				SS	03	30.00		
ZAK	60.71	346	eP	51	17.00		-0.9	
	1.6s			56.00nm				5.4mb
MOY	62.48	345	eP	51	43.00		13.2X	
KSH	64.10	321	eP	51	40.50		-0.4	
Z	20s			1.20um				5.1Msz
				pP	51	48.50		26km
				PP	54	03.00		
				ScS	01	27.00		
QUE	65.62	308	eP	52	03.40		12.4X	
BOD	66.18	355	eP	51	52.60		-1.2	
	1.2s			18.00nm				5.1mb
FRU	66.95	324	(P)	52	04.00		4.9X	
Z	24s			1.00um				5.0Msz
N	24s			1.00um				
				i	52	09.80		19km
ELT	68.53	338	eP	52	06.80		-1.9	
	1.1s			58.00nm				5.6mb
				eS	01	09.00		
				e	02	04.00		
YAK	70.22	4	eP	52	18.70		-0.1	
	1.2s			60.00nm				5.6mb
MAW	71.21	200	e(P)	52	25.00		0.2	
	1.4s			75.00nm				5.6mb
MGD	71.68	14	eP	52	29.00		1.3	
			e	52	38.00		29km	
			e	01	50.00			
MAIO	73.84	311	eP	52	41.00		-0.1	
ASH	75.33	313	eP	52	54.00		4.5X	
TIK	79.78	2	iPc	53	13.00		-0.3	
	1.3s			40.00nm				5.3mb
Z	18s			0.50um				4.9Msz
				i	53	15.00		6kmX
				eS	03	14.00		
NR1	81.01	348	eP	53	19.00		-1.0	
	1.8s			43.00nm				5.2mb
			e	03	26.00			
SPA	81.85	180	iPc	53	25.10		0.4	
	0.6s			8.94nm				5.0mb
SVE	82.09	331	ePd	53	28.00		2.1	
Z	18s			0.50um				4.9Msz
N	18s			0.50um				
E	16s			0.20um				
ARU	82.91	330	eP	53	35.00		4.9X	
CIR	88.04	249	eP	54	15.40		19.0X	
NVL	89.00	198	eP	54	02.00		2.0	
	1.8s			49.00nm				5.5mb
Z	18s			0.50um				5.0Msz
E	18s			0.40um				
				e	54	23.00		76kmX
				e	54	52.00		
BUL	90.92	250	eP	54	09.90		-0.2	
YKA	111.99	25	ePKP	59	40.00		-0.7	
	1.2s			0.70nm				
MSU	122.40	49	(PKP)	00	00.70		-1.0	
SRU	123.45	48	ePKP	00	01.21		-2.4	
PV10	124.79	49	ePKP	00	06.38		0.0	
PV08	125.01	48	ePKP	00	04.40		-2.5	
NAV	144.09	33	ePKP	00	39.55		-2.5	
FSA	144.91	166	ePKPd	00	44.80		1.2	
PRM	145.48	38	ePKP	00	43.09		-1.3	
CEH	146.06	33	ePKP	00	45.01		-0.3	
VAO	147.35	198	(PKP)	00	57.00		9.1X	
ARE	151.81	150	ePKP	01	06.00		10.8X	
CNCB	153.04	157	ePKP	00	57.00		-0.2	

LPB 153.24 157 PKP 00 52.00 -5.3X
 ZOBO 153.45 156 PKP 01 01.20 3.3X
 Z 24s 0.13um 4.6MszX
 LR 54 30.00
 S.D. = 1.4 on 73 of 101 obs.

? DEC 15, 1992 11h 24m 42.31± 0.89s
 40.802 N ± 7.4km 22.966 E ± 7.5km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.17 180 ePg 24 45.98 -0.2
 SOH 0.30 86 iPg 24 48.69 0.2
 KNT 0.36 352 ePg 24 49.53 -0.3
 GRG 0.46 290 iPg 24 51.82 0.2
 eSg 24 59.10
 S.D. = 0.4 on 4 of 4 obs.

DEC 15, 1992 12h 46m 06.53± 0.21s
 8.638 N ± 3.5km 126.581 E ± 5.2km
 DEPTH = 33.2km (11 depth phases)
 5.3mb (54 obs.) 5.0Msz (31 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 24S, 35C
 Centroid Location:
 Origin Time 12:46:10.1 0.5
 Lot 8.57N FIX; Lon 126.63E FIX
 Dep 15.0 FIX Half-duration 1.4
 Moment Tensor; Scale 10**17 Nm
 Mrr= 0.72 0.05 Mtt=-0.15 0.07
 Mtf=-0.57 0.06 Mrt= 0.92 0.19
 Mrf= 2.30 0.14 Mtf= 0.28 0.07
 Principal Axes:
 T Vol= 2.75 Plg=51 Azm=298
 N -0.38 8 198
 P -2.37 38 102
 Best Double Couple: Mo=2.6*10**17
 NP1: Strike=147 Dip=10 Slip= 38
 NP2: 19 84 98

BIP 0.53 219 ePd 46 19.00 1.5
 DAV 1.83 213 eP 46 40.00 3.7X
 1.1s 7382.28nm
 CGP 1.87 265 ePc 46 42.00 5.2X
 CTB 2.76 239 ePc 47 22.00 32.7X
 PLP 2.97 328 ePd 46 56.00 3.6X
 eS 47 13.00
 PGP 7.34 312 ePc 47 58.00 3.9X
 MNI 7.35 194 eP 47 55.50 1.1
 1.0s 665.40nm 6.6mb X
 TGY 7.75 315 ePd 48 05.00 5.0X
 iS 48 50.00
 OVP 8.07 318 eP 48 14.00 9.5X
 BCP 9.68 324 eP 48 37.00 10.4X
 BAG 9.69 323 eP 48 26.00 -1.0
 CVP 10.13 333 eP 48 35.00 2.2
 SWI 10.53 153 ePd 48 37.00 -1.3
 KKM 10.60 257 ePd 48 48.00 8.6X
 QZH 17.92 336 P 50 15.00 0.1
 Z 18s 2.66um
 HKC 18.08 320 eP 50 19.00 2.1
 GUA 18.63 73 eP 50 21.00 -2.8X
 eS 53 57.00
 GZH 19.17 320 Pc 50 28.00 -2.2
 Z 18s 3.63um
 N 15s 1.58um
 E 16s 2.75um
 QIZ 19.24 304 P 50 31.40 0.4
 1.3s 150.00nm 5.1mb
 N 15s 1.74um
 E 16s 1.80um
 WWKK 20.91 125 eP 50 52.60 3.8X
 TRT 21.37 221 ePd 50 57.00 3.6X
 MTN 21.82 168 eP 50 57.20 -0.7
 SJI 21.97 223 ePc 51 02.20 2.8
 KAGJ 22.79 10 P 51 08.40 0.9
 SSE 22.90 348 Pc 51 09.00 0.5
 1.0s 120.00nm 5.3mb
 Z 20s 2.30um 4.6Msz
 N 16s 1.40um
 E 16s 0.50um
 pP 51 18.00 32km
 KGM 24.06 255 ePd 51 23.10 3.1X

KUMJ 24.10 9 P 51 21.20 1.0
 KNA 24.33 175 eP 51 22.00 -0.5
 NJ2 24.38 344 iPc 51 24.20 1.3
 1.2s 34.00nm 4.8mb
 N 14s 0.86um
 E 11s 0.73um
 epP 51 35.00 41km
 IPM 25.70 263 ePd 51 37.20 1.6
 1.5s 106.50nm 5.2mb
 LOE 25.71 292 eP 51 37.00 1.3
 GYA 25.91 316 P 51 39.00 1.4
 Z 26s 2.43um 4.6MszX
 N 13s 1.45um
 E 13s 1.03um
 SHK 26.37 11 eP 51 44.00 2.3
 NST 26.76 288 eP 51 53.00 7.6X
 PMG 27.23 131 eP 51 49.00 -0.6
 1.2s 87.50nm 5.3mb
 KMI 28.01 309 eP 51 56.50 -0.5
 1.5s 40.00nm 4.9mb
 Z 19s 7.10um 5.3Msz
 E 16s 2.70um
 pP 52 07.20 40km
 BDT 28.17 290 eP 51 59.00 0.8
 1.1s 83.20nm 5.3mb
 CHG 28.65 294 iPc 52 03.50 1.0
 1.3s 76.92nm 5.2mb
 eS 57 11.40
 TIA 28.77 344 eP 52 02.40 -1.0
 Z 20s 2.42um 4.8Msz
 E 18s 2.92um
 MAT 29.72 19 (P) 52 10.00 -2.0
 0.8s 5.97nm 4.4mb
 Z 20s 0.71um 4.3Msz
 eS 56 49.00
 XAN 30.06 330 P 52 13.00 -2.0
 Z 18s 1.88um 4.8Msz
 N 15s 0.82um
 E 14s 1.17um
 DL2 30.46 352 Pc 52 19.00 0.5
 1.0s 89.00nm 5.5mb
 Z 17s 0.96um 4.5MszX
 E 12s 0.67um
 eS 57 19.00
 CD2 30.73 319 eP 52 19.00 -2.0
 Z 18s 4.45um 5.2Msz
 E 15s 3.30um
 TIY 31.65 338 eP 52 28.20 -0.8
 Z 20s 1.87um 4.8Msz
 QIS 31.71 156 eP 52 26.30 -3.4X
 BJI 32.62 345 eP 52 37.00 -0.3
 1.5s 230.00nm 5.9mb
 Z 20s 1.50um 4.7Msz
 ePcP 55 23.00
 eS 57 51.00
 ASPA 32.89 168 eP 52 38.50 -1.5
 1.1s 13.00nm 4.7mb
 eS 57 46.90
 SNY 33.16 356 iPc 52 42.00 0.0
 1.3s 380.00nm 6.1mb
 Z 19s 1.92um 4.8Msz
 E 13s 0.62um
 S 57 52.00
 sS 58 12.00
 LZH 34.29 326 eP 52 52.00 -0.1
 1.5s 40.00nm 5.1mb
 Z 19s 2.93um 5.0Msz
 E 13s 1.30um
 pP 52 57.50 19kmX
 sP 53 02.00
 CTA 34.49 146 eP 52 55.00 1.2
 HHC 34.74 340 iPd 52 55.40 -0.5
 1.2s 49.00nm 5.3mb
 Z 20s 1.87um 4.8Msz
 N 13s 0.44um
 E 13s 0.76um
 S 58 21.00
 CN2 35.04 359 Pc 52 58.00 -0.2
 1.0s 27.00nm 5.1mb
 Z 16s 1.16um 4.7MszX
 N 14s 0.70um
 E 14s 0.42um
 epP 53 05.00 24km
 BTO 35.07 338 eP 52 58.00 -0.7
 N 16s 0.70um
 E 17s 1.25um
 sP 53 09.00

S 58 29.00
 MDJ 35.94 4 eP 53 06.50 0.7
 1.2s 260.00nm 6.0mb
 Z 18s 1.80um 4.9Msz
 PP 54 30.00
 S 58 41.00
 HOOJ 36.69 21 eP 53 13.90 1.8
 KUSJ 37.82 22 eP 53 22.90 1.2
 ASAJ 38.01 19 eP 53 24.60 1.3
 GTA 38.89 326 P 53 31.00 0.1
 1.0s 26.00nm 5.0mb
 Z 18s 3.71um 5.3Msz
 E 15s 1.07um
 MRWA 38.99 195 eP 53 30.40 -1.3
 0.4s 9.00nm 4.9mb
 LSA 39.24 307 P 53 35.50 1.2
 0.8s 5.00nm 4.3mb
 Z 20s 1.87um 4.9Msz
 N 17s 1.69um
 COOL 39.64 187 eP 53 35.00 -2.0
 BAL 40.15 193 eP 53 40.00 -1.3
 RMQ 41.02 149 eP 53 50.00 1.6
 MUN 41.59 193 eP 53 52.00 -1.0
 STK 42.77 161 eP 54 00.40 -2.3
 e 55 47.70 621kmX
 BRS 43.89 146 eP 54 08.00 -3.9X
 CMS 43.95 156 eP 54 16.00 3.8X
 CIT 44.52 349 eP 54 24.00 7.2X
 ADE 44.86 166 e(P) 54 20.40 0.8
 ARMA 45.68 149 iPd 54 30.30 4.0X
 1.1s 56.00nm 5.4mb
 ZAK 45.89 339 eP 54 27.00 -0.5
 1.0s 25.00nm 5.1mb
 IRK 47.16 341 eP 54 36.00 -1.6
 1.7s 40.00nm 5.1mb
 Z 14s 0.54um 4.7MszX
 N 11s 0.34um
 e 56 12.70 513kmX
 HYB 47.49 286 eP 54 41.50 0.8
 BWA 47.56 155 eP 54 46.70 5.6X
 epP 54 58.10 40km
 MOY 47.78 339 ePc 54 42.90 0.4
 1.5s 52.00nm 5.3mb
 BFD 47.97 163 eP 54 47.00 2.9
 GBA 48.41 280 P 54 48.20 0.3
 KOD 48.44 276 eP 54 49.20 0.7
 CAN 48.58 155 eP 54 53.80 4.9X
 epP 55 05.00 39km
 WMO 48.69 323 P 54 49.50 -0.3
 1.0s 30.00nm 5.3mb
 Z 18s 3.40um 5.4Msz
 N 17s 2.18um
 pP 54 58.50 30km
 sP 55 02.00
 PP 56 43.50
 PCS 00 06.50
 ScS 04 37.50
 CNB 48.72 155 eP 54 55.30 5.2X
 0.5s 17.00nm 5.3mb
 TOO 49.26 160 eP 55 00.00 5.9X
 DZM 49.59 129 iPc 55 00.40 3.5X
 BOD 50.02 351 eP 55 00.30 0.7
 1.4s 53.00nm 5.4mb
 NDI 50.43 300 iPd 55 02.20 -1.0
 POO 52.03 287 iPd 55 09.80 -5.7X
 YAK 53.33 2 iPc+ 55 24.00 -0.4
 1.1s 240.00nm 6.1mb
 Z 20s 0.90um 4.8Msz
 N 18s 0.80um
 e 02 52.00
 MGD 54.48 15 eP 55 32.00 -1.0
 e 55 45.00 47kmX
 e 03 08.00
 KSH 54.53 313 eP 55 34.50 0.7
 Z 18s 3.10um 5.4Msz
 N 13s 1.40um
 epP 55 43.00 28km
 eS 03 14.00
 esS 03 24.00
 ELT 55.09 332 iPd 55 35.70 -1.8
 1.6s 40.00nm 5.2mb
 Z 16s 8.00um 5.9MszX
 eS 03 29.00
 AAA 55.27 317 eP 55 38.00 -1.1
 Z 18s 1.00um 4.9Msz
 N 18s 0.60um
 E 18s 0.50um

GMW	5.21	59	eP	00	42.77	0.8
PGC	5.44	46	eP	00	46.00	0.9
LON	5.55	69	eP	00	46.71	-0.1
RMW	5.78	62	eP	00	50.67	0.6
MCW	5.78	48	eP	00	51.32	1.3
VGB	6.08	82	eP	00	53.06	-1.2
DPW	8.21	66	eP	01	23.16	-1.1
JEGM	9.13	143	(P)	01	37.70	0.9
SES	13.44	60	eP	02	45.00	9.6X
MSU	14.37	111	eP	02	48.13	0.3
EMUT	14.65	104	(P)	02	50.64	-0.8
SRU	15.18	106	eP	02	57.97	-0.3
PV09	16.42	106	eP	03	12.71	-1.7
GLD	18.57	98	(P)	03	42.22	1.1
YKA	19.46	21	eP	03	49.70	-1.9
	1.6s	4.70nm				3.5mb
RSNY	38.28	71	(P)	06	45.16	1.0
	0.5s	2.63nm				4.2mb
S.D. = 1.2 on 15 of 16 obs.						

* DEC 15, 1992 16h 08m 40.41± 0.66s						
44.548 N ± 5.2km 10.184 E ± 7.8km						
DEPTH = 10.0km (geophysicist)						
NORTHERN ITALY (545)						
MME	0.51	134	P	08	52.00	1.2
			eSg	08	58.90	
BDI	0.57	148	P	08	51.40	-0.6
			eSg	08	59.50	
BOB	0.57	293	P	08	52.30	0.3
			eSg	09	01.90	
PII	0.86	163	P	08	56.60	-0.4
			eSg	09	04.80	
SAL	1.09	13	P	09	01.10	0.3
			eSg	09	18.30	
SFI	1.35	117	P	09	05.00	-0.2
CTI	1.82	34	P	09	12.00	-0.1
S8F	2.09	252	Pn	09	23.60	7.6X
			Sn	09	50.40	
PGF	2.18	204	Pn	09	22.40	5.1X
			Sn	09	48.60	
LPG	2.61	293	Pn	09	46.00	22.3X
LPL	2.63	293	Pn	09	35.10	11.2X
FRF	2.73	250	Pn	09	32.20	7.1X
			Sn	10	00.30	
WTTA	2.90	20	iPnc	09	27.20	-0.4
			i	09	36.90	
			i	10	13.00	
			i	10	21.70	
LMR	2.92	247	Pn	09	34.60	6.9X
			Sn	10	03.80	
KBA	3.36	40	iPnc	09	43.60	9.4X
	0.5s	6.30nm				
			i	10	26.40	
			i	10	38.80	
BSF	4.04	326	Pn	09	52.40	8.7X
			Sn	10	36.80	
S.D. = 0.7 on 8 of 16 obs.						

DEC 15, 1992 16h 40m 50.85± 0.49s						
26.381 S ± 4.9km 27.372 E ± 5.6km						
DEPTH = 5.0km (geophysicist)						
REPUBLIC OF SOUTH AFRICA (584)						
ML 3.7 (PRE). mbLg 3.5 (BUL).						
PRY	0.55	171	eP	41	01.00	-0.9
			S	41	07.60	
8PI	0.63	71	eP	41	03.20	-0.2
			S	41	10.90	
KSR	0.67	320	eP	41	05.00	0.8
			S	41	13.50	
BFS	0.74	225	iPd	41	07.10	1.5
			S	41	16.50	
SLR	1.04	52	iPc	41	11.00	-0.1
			S	41	23.50	
SEK	1.95	173	eP	41	26.10	1.0
			S	41	49.80	
SWZ	2.00	246	eP	41	26.30	0.6
			S	41	50.50	
BFT	2.50	75	eP	41	34.00	0.9
			S	42	03.50	
BLF	2.91	201	eP	41	38.50	-0.4
			S	42	11.50	
FRS	3.81	208	eP	41	51.60	0.1
			S	42	34.20	
BUL	6.31	11	iPn	42	26.80	-0.3

CIR 6.59 37 iSg 44 06.20
iPn 42 31.00 0.2
iSn 43 40.20
iSg 44 10.00
GRM 6.94 186 eP 42 31.50 -4.3X
S 43 57.00
POF 7.22 244 eP 42 37.00 -2.6
S 44 01.10
SUR 8.27 222 eP 42 46.50 -8.1X
S 43 57.50
KRI 9.73 13 iPn 43 14.00 -0.7
iSn 44 56.70
iSg 45 51.00
S.D. = 1.1 on 14 of 16 obs.

? DEC 15, 1992 17h 40m 33.82±2.04s
60.388 N ±11.3km 4.956 E ±15.9km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)
MD 0.8 (BER).

ASK 0.15 51 eP 40 37.38 0.0
EGD 0.18 131 iPc 40 37.81 0.0
eSg 40 40.56
BER 0.19 91 eP 40 37.97 0.0
eSg 40 40.82
SUE 0.68 352 eP 40 47.25 0.0
eSg 40 56.72
NRA0 3.27 81 Pg 41 31.51 5.4X
Sg 42 12.36
S.D. = 0.0 on 4 of 5 obs.

* DEC 15, 1992 17h 55m 47.14±2.01s
46.999 N ±6.7km 8.265 E ±24.3km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.3 (LDG).

FEL 0.89 349 ePn 56 04.75 0.4
BSF 1.30 310 Pg 56 12.00 0.7
Sg 56 30.90
CDF 1.56 335 Pn 56 14.60 -0.5
Sg 56 38.40
HAU 1.64 308 Pn 56 15.50 -0.7
Pg 56 18.70
Sg 56 41.70
LPL 1.82 216 Pg 56 18.70 -0.3
Sg 56 43.00
LPG 1.83 216 Pg 56 19.60 0.4
Sg 56 42.80
LBF 2.93 271 Pg 56 42.00 7.3X
Sg 57 18.80
LOR 3.02 277 Pg 56 43.70 7.8X
Sg 57 22.70
SMF 3.06 265 Pg 56 42.90 6.5X
Sg 57 23.00
SSF 3.26 273 Pg 56 47.80 8.6X
Sg 57 29.60
AVF 3.37 268 Pg 56 48.70 7.8X
Sg 57 32.60
S.D. = 0.7 on 6 of 11 obs.

? DEC 15, 1992 18h 16m 20.62±1.96s
15.014 N ±10.7km 119.983 E ±26.1km
DEPTH = 33.0km (normol)
4.6mb (1 obs.)

LUZON, PHILIPPINE ISLANDS (249)

QVP 1.06 111 eP 16 38.00 -1.2
eS 16 52.00
TGY 1.29 134 ePd 16 44.00 1.6
eS 17 04.00
BCP 1.52 23 eP 16 41.40 -4.4X
eS 17 00.00
PGP 1.77 148 ePc 16 52.50 3.1X
CVP 3.20 33 ePd 17 10.00 0.2
eS 17 45.00
PIP 3.35 10 ePd 17 12.00 0.1
ASPA 40.78 160 eP 23 59.90 -0.7
0.7s 8.50nm 4.6mb
S.D. = 1.5 on 5 of 7 obs.

% DEC 15, 1992 19h 11m 34.10±1.26s
23.145 N ±9.6km 120.619 E ±9.0km
DEPTH = 10.0km (geophysicist)

TAIWAN (244)

TWK 0.17 315 iPd 11 37.90 -0.1
eS 11 40.70
TWG 0.53 128 iPd 11 44.90 0.1
eS 11 52.50
TWF1 0.66 72 ePd 11 46.90 -0.3
TWO 1.14 10 ePd 11 55.70 0.2
TWD 1.29 44 ePd 11 58.10 0.1
S.D. = 0.3 on 5 of 5 obs.

& DEC 15, 1992 19h 55m 44.46s
63.008 N 151.354 W
DEPTH = 12.1km
CENTRAL ALASKA (1)
<AEIC>. ML 2.5 (AEIC).

KTH 0.58 19 eP 55 54.98 -1.1
TRF 0.66 47 eP 55 56.48 -1.0
S 56 06.47
HUR 0.78 91 eP 55 59.87 0.3
eS 56 11.07
SKT 1.03 185 iP 56 03.84 0.0
S 56 17.87
RND 1.20 69 eP 56 06.55 -0.2
S 56 23.42
MCK 1.31 55 eP 56 08.41 -0.1
S 56 26.73
PWA 1.53 153 eP 56 12.34 0.8
S 56 31.78
SUA 1.58 169 eP 56 13.29 0.9
S 56 34.62
CGLM 1.73 190 eP 56 14.86 0.2
PLRM 1.76 143 eP 56 14.56 -0.3
CP2 1.80 194 eP 56 13.56 -2.1
S 56 39.08
BGL 1.82 196 eP 56 16.12 0.3
CKN 1.83 193 eP 56 16.67 0.7
SML 1.85 129 eP 56 16.67 0.4
S 56 40.82
CKT 1.86 193 eP 56 17.00 0.6
SPU 1.86 190 eP 56 16.60 0.1
NEA 1.87 32 eP 56 16.64 0.1
CKL 1.88 195 eP 56 17.72 1.0
PMS 1.96 154 eP 56 18.81 1.0
MLY 2.05 7 eP 56 17.37 -1.8
eS 56 46.12
KNK 2.10 138 eP 56 21.01 1.1
TTA 2.13 270 eP 56 20.56 0.2
eS 56 48.25
SCM 2.21 120 eP 56 20.49 -1.1
CCB 2.28 42 eP 56 19.69 -2.7
HDA 2.41 52 eP 56 22.61 -1.7
PTE 2.42 152 eP 56 25.36 1.0
FBA 2.47 38 eP 56 24.60 -0.4
DFR 2.51 195 eP 56 27.29 1.6
TOA 2.57 108 eP 56 27.28 0.7
REF 2.61 195 eP 56 26.82 -0.5
RDW 2.63 196 eP 56 27.87 0.3
GLM 2.65 40 eP 56 25.64 -2.1
PAX 2.69 88 eP 56 28.41 0.1
SDG 2.72 98 eP 56 28.78 0.1
SVW 2.77 228 eP 56 30.33 0.9
GLI 2.93 135 eP 56 33.39 1.7
KLU 2.96 118 eP 56 33.14 1.0
FID 3.23 132 eP 56 35.68 -0.3
GLB 3.86 111 eP 56 45.59 0.6
39 obs. associated

& DEC 15, 1992 20h 07m 02.94s
34.335 N 116.886 W
DEPTH = 2.7km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS). 3.0 (GS).

PEC 0.50 207 eP 07 12.33 -0.6
SSK 0.68 260 iPc 07 15.80 -0.7
GSC 0.97 4 iPd 07 21.00 -1.1
S 07 33.99
PLM 0.98 179 eP 07 21.32 -1.0
ISA 1.86 316 ePn 07 34.16 -1.9
S 08 01.13
GLA 2.14 126 ePn 07 38.10 -2.0
TPNV 2.66 11 (Pn) 07 47.71 0.1
ePg 07 52.73
S 08 27.46
BCH 2.77 289 ePn 07 49.00 -0.2
MTUM 3.31 336 (Pn) 07 57.15 0.3
ePg 08 04.09

MMPM 3.70 333 ePn 08 02.95
BONR 3.79 343 ePg 08 13.89 1.
MSU 5.64 41 (Pn) 08 30.37 0
12 obs. associated

? DEC 15, 1992 21h 29m 37.00±1.3bs
44.082 N ±21.4km 148.891 E ±16.1km
DEPTH = 33.0km (normol)
3.8mb (1 obs.)

KURIL ISLANDS (221)

KUSJ 3.19 254 P 30 24.90 -1.1
eS 30 56.60
HOOJ 4.43 249 eP 30 44.70 1.1
eS 31 31.90
ASAJ 4.50 273 eP 30 44.50 -0.1
MRRJ 5.95 257 eP 31 05.40 0.4
eS 32 07.40
AOMJ 7.23 244 eP 31 22.90 0.0
OFUJ 7.37 230 eP 31 24.70 -0.2
eS 32 40.20
YKA 54.82 34 eP 39 05.70 0.0
0.5s 0.50nm 3.8mb
S.D. = 0.8 on 7 of 7 obs.

? DEC 15, 1992 21h 31m 47.29±3.62s
6.374 S ±26.1km 147.463 E ±46.8km
DEPTH = 90.2 ±15.8 km
4.6mb (2 obs.)

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

LAT 0.54 238 eP 32 02.90 0.3
YYYY 1.49 275 eP 32 14.70 1.2
MDG 2.01 304 iPd 32 18.30 -1.9
PMG 3.03 186 iPc 32 33.20 -0.8
eS 33 14.00
WWKK 4.70 305 eP 32 58.20 0.9
RMQ 20.04 177 eP 36 16.80 1.2
0.4s 6.00nm 4.3mb
ASPA 21.58 216 eP 36 30.30 -0.9
0.3s 19.40nm 4.9mb
eS 40 22.10
S.D. = 1.7 on 7 of 7 obs.

DEC 15, 1992 21h 41m 09.46±0.42s
40.618 N ±5.1km 25.503 E ±3.8km
DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)

MD 3.4 (ISK).

ALN 0.50 56 iPg 41 18.85 -0.7
iSg 41 26.70
EZN 1.01 141 iPg 41 29.50 0.9
eSg 41 44.50
KDZ 1.03 356 iPg 41 27.00 -2.0
iSg 41 40.00
RZN 1.22 331 iPgc 41 31.00 -1.3
iSg 41 47.00
DIM 1.43 1 iPgc 41 35.00 -0.4
iSg 41 55.00
SRS 1.53 290 iPb 41 37.42 0.5
eSb 41 57.54
PAIG 1.56 244 ePb 41 35.82 -1.4
eSb 41 57.82
PLD 1.60 338 iPd 41 39.00 1.1
SOH 1.65 278 ePb 41 38.78 0.2
iSb 42 00.17
EDC 1.82 98 ePn 41 41.00 -0.1
BNT 1.86 97 ePn 41 41.00 -0.7
JMB 2.02 23 iPd 41 46.00 2.1
KNT 2.05 286 ePn 41 45.14 0.8
eSn 42 13.34
DMK 2.08 54 ePn 41 43.70 -1.2
PGB 2.18 333 iPd 41 48.00 1.8
KCT 2.21 99 ePn 41 47.00 0.3
VAY 2.33 289 iPn 41 49.70 1.3
LIT 2.36 258 ePn 41 47.82 -1.0
eSn 42 18.62
GRG 2.38 279 ePn 41 49.74 0.6
eSn 42 20.26
DST 2.60 112 iPn 41 52.50 0.2
IZM 2.60 148 ePn 41 54.00 1.7
ISK 2.73 79 ePn 41 53.00 -1.2
AGG 2.92 238 ePn 41 55.06 -1.7
FNA 3.14 274 iPn 41 59.38 -0.6
eSn 42 38.50
SKO 3.35 295 ePn 42 19.00 16.1X

15d 21h

OHR 3.60 279 ePn 42 10.00 3.5X
MLR 4.88 4 eP 42 25.50 0.7
S.D. = 1.2 on 25 of 27 obs.

? DEC 15, 1992 22h 10m 31.90±2.02s
18.137 N ±19.7km 102.804 W ±16.0km
DEPTH = 75.6 ± 17.2 km
3.6mb (1 obs.)

MICHIOACAN, MEXICO

(57)

PIM 0.89 81 iP 10 54.50 4.9X

CGX 1.68 338 iP 11 00.31 0.3

MRX 2.18 44 iP 11 06.00 -0.7

GUM2 2.56 350 iP 11 18.00 5.9X

ACX 3.08 114 iP 11 19.03 -0.2

III 3.18 85 eP 11 20.09 -0.7

UNM 3.63 70 eP 11 23.00 -3.4X

TPM 3.65 76 iP 11 28.00 0.7

AGX 3.75 7 (P) 11 34.00 5.4X

PPM 4.07 76 iP 11 30.00 -3.6X

IISM 5.22 80 (P) 11 50.00 0.9

YKA 45.07 352 eP 18 41.60 -0.2

0.8s 0.80nm 3.6mb

S.D. = 0.9 on 7 of 12 obs.

& DEC 15, 1992 23h 11m 41.58s

34.053 N 116.392 W

DEPTH = 3.0km

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 2.8 (PAS), 2.6 (GS).

PEC 0.66 256 iPc 11 53.91 -0.8

PLM 0.80 209 ePd 11 56.63 -0.9

SSK 1.09 279 ePc 12 01.75 -1.1

GSC 1.29 345 ePd 12 05.11 -1.1

GLA 1.64 127 ePn 12 10.25 -1.3

TPNV 2.89 2 (P) 12 36.04 6.5

6 obs. associated

* DEC 16, 1992 00h 34m 13.16±1.40s

23.080 N ± 7.2km 123.196 E ±14.8km

DEPTH = 24.9 ± 10.4 km

3.9mb (1 obs.)

SOUTHWESTERN RYUKYU ISLANDS (246)

TWF1 1.77 279 iPd 34 41.90 -0.7

eS 35 02.50

TWD 1.77 304 ePd 34 42.20 -0.4

TWC 1.96 321 iPc 34 45.50 0.2

TWZ 2.49 324 eP 34 53.60 0.6

BBP 2.80 204 ePc 34 56.30 -1.0

CVP 5.50 194 eP 35 36.70 1.1

eS 36 37.50

MAT 18.67 41 eP 38 31.00 -0.5

GEC2 84.86 321 P 46 47.50 0.4

0.7s 0.56nm 3.9mb

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

? DEC 16, 1992 01h 00m 03.84±5.84s

39.333 N ±41.3km 28.635 E ±15.8km

DEPTH = 10.0km (geophysicist)

TURKEY (366)

DST 0.27 359 iPg 00 09.40 -0.2

iSg 00 14.40

KCT 0.94 347 iPn 00 22.30 0.5

BNT 1.16 332 ePn 00 25.00 -0.5

EDC 1.17 330 ePn 00 26.00 0.3

YLV 1.36 24 ePn 00 28.00 0.0

S.D. = 0.6 on 5 of 5 obs.

DEC 16, 1992 01h 17m 27.36±0.57s

39.312 N ± 4.7km 28.880 E ± 6.3km

DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.4 (ISK).

DST 0.35 326 iPg 17 34.40 -0.2

ALT 0.99 105 iPg 17 46.50 0.3

KCT 1.02 337 iPg 17 46.80 0.2

BNT 1.28 325 iPn 17 51.30 0.2

EDC 1.30 323 iPg 17 50.50 -0.9

iSg 18 07.00

GBZT 1.54 16 ePn 17 56.00 1.2

iSg 18 20.00

Izm 1.56 235 iPn 17 55.30 0.1

EYL 1.59 38 ePn 17 55.00 -0.7

ISK 1.76 4 ePn 17 58.00 0.0

CIN 1.82 200 eP 17 57.00 -1.9

CTT 1.87 349 iPn 17 59.80 0.2

EZN 2.04 285 ePn 18 03.60 1.5

YER 2.22 192 ePn 18 06.00 1.1

DMK 2.65 342 iPn 18 09.80 -1.1

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

* DEC 16, 1992 02h 41m 46.12±0.54s

8.083 S ±12.6km 122.701 E ±12.9km

DEPTH = 33.0km (normal)

4.3mb (3 obs.)

FLORES REGION, INDONESIA (286)

MKS 4.29 311 iPd 42 51.00 0.2

MTN 9.54 120 eP 44 03.50 -0.9

KNA 9.66 143 eP 44 53.00 47.1X

eS 45 48.00

NANU 15.96 205 eP 45 30.00 0.1

eS 48 12.00

ASPA 18.85 147 eP 46 04.70 -1.4

1.2s 19.10nm 4.2mb

eS 49 21.50

QIS 20.52 129 iPd 46 24.60 0.2

0.3s 3.00nm 4.1mb

RMQ 30.77 130 eP 48 02.70 1.7

GUN 50.47 317 P 50 43.52 0.0

1.0s 77.00nm 5.6mb X

PKI 50.58 316 P 50 43.62 -0.7

0.7s 12.00nm 5.0mb

KKN 50.81 316 P 50 45.58 -0.4

DMN 50.81 316 P 50 45.94 -0.1

GKN 51.38 316 P 50 49.96 -0.3

CNCB 153.10 157 PKP 01 46.00 10.1X

LP8 153.31 156 ePKP 01 35.00 -1.0

ZOBO 153.52 156 ePKP 01 39.00 2.4

S.D. = 1.2 on 13 of 15 obs.

* DEC 16, 1992 02h 48m 30.02±0.80s

15.529 N ±10.9km 93.078 W ± 7.8km

DEPTH = 71.6km (3 depth phases)

4.2mb (3 obs.)

NEAR COAST OF CHIAPAS, MEXICO (69)

TPX 1.00 128 iP 48 48.69 -0.2

iS 49 01.50

SCX 1.27 19 iP 48 58.17 5.8X

iS 49 17.42

EVV 3.63 324 (P) 49 24.60 -0.4

(S) 50 05.80

VHO 3.83 294 (P) 49 29.00 1.0

(S) 50 10.00

IISM 5.36 311 iP 49 50.00 0.8

iS 50 51.00

PPM 6.36 304 iP 50 05.00 1.3

(S) 51 22.00

ACX 6.65 282 eP 50 05.50 -1.7

III 6.74 296 iP 50 07.80 -0.9

iS 51 20.00

MRX 8.78 299 iP 50 37.20 0.6

UYO 18.60 356 iPd 52 43.40 -0.8

MIAR 18.94 359 eP 52 47.04 -1.1

0.9s 20.30nm 4.4mb

MEO 19.80 347 iPd 52 56.00 -1.4

TUL 20.44 354 P 53 08.00 4.0X

JSC 21.49 28 eP 53 16.10 1.5

ACO 21.76 347 iPc 53 20.30 3.0X

ELC 21.94 8 eP 53 20.32 1.4

ALQ 22.76 331 ePd 53 28.03 0.7

0.6s 4.41nm 4.1mb

pP 53 44.42 72km

TUC 23.20 319 eP 53 32.54 1.1

pP 53 48.60 70km

PV08 26.74 332 ePc 54 05.72 0.6

PV10 26.76 331 eP 54 04.48 -0.7

pP 54 21.40 73km

PV09 26.90 331 eP 54 06.57 0.1

LRM 34.30 336 eP 55 11.50 -0.3

YKA 49.31 347 eP 57 11.30 -2.2

0.5s 1.20nm 4.2mb

STK 127.89 242 ePKP 07 30.20 0.6

S.D. = 1.1 on 21 of 24 obs.

% DEC 16, 1992 03h 41m 07.28±2.30s

43.111 N ±11.0km 19.926 E ±14.6km

DEPTH = 5.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

ML 1.4 (TTG).

IVA 0.24 185 iPg 41 12.51 0.3

iSg 41 16.06

PLE 0.45 300 iPg 41 16.25 0.0

iSg 41 22.75

PVY 0.52 176 iPg 41 17.41 -0.2

iSg 41 24.98

NKY 0.74 247 iPg 41 22.03 -0.1

iSg 41 33.03

TTG 0.84 216 iPg 41 23.56 -0.4

iSg 41 36.12

BRY 1.04 259 iPg 41 27.46 0.1

iSg 41 42.72

BDV 1.16 225 iPg 41 29.73 0.3

iSg 41 46.89

S.D. = 0.3 on 7 of 7 obs.

* DEC 16, 1992 04h 10m 24.45±0.70s

12.538 N ±10.0km 88.163 W ±14.4km

DEPTH = 121.2km (14 depth phases)

4.4mb (8 obs.)

OFF COAST OF CENTRAL AMERICA (76)

PRM 22.09 13 eP 15 10.95 0.4

e 15 36.58 127km

UYO 22.28 346 iPc 15 13.10 0.7

MIAR 22.45 348 eP 15 15.19 1.1

0.8s 39.19nm 4.8mb

e 15 41.04 127km

JSC 22.54 15 eP 15 14.63 -0.2

e 15 40.91 129km

LHS 22.84 16 (P) 15 18.43 0.6

e 15 44.31 126km

OLY 23.06 353 eP 15 19.75 -0.2

e 15 45.72 126km

TKL 23.36 9 eP 15 23.25 0.4

e 15 49.10 125km

MEO 24.08 339 iPd 15 30.10 0.2

WMOK 24.11 338 eP 15 29.57 -0.6

0.7s 10.84nm 4.4mb

FNO 24.12 341 iPc 15 30.70 0.5

TUL 24.27 345 P 15 31.40 -0.2

0.6s 21.00nm 4.8mb

e 15 33.70 8kmX

LNO 24.27 345 eP 15 31.20 -0.3

ELC 24.66 358 eP 15 34.48 -0.8

e 16 00.15 122km

ACO 26.00 340 iPd 15 47.30 -0.5

CVL 26.78 17 eP 15 53.33 -1.4

e 16 19.52 122km

PV08 31.69 329 (P) 16 38.84 -0.1

PV10 31.74 328 eP 16 38.36 -0.9

RSNY 33.97 18 (P) 16 56.75 -1.5

0.9s 6.41nm 4.4mb

e 17 22.27 114km

RSSD 34.30 340 eP 17 00.58 -0.7

0.6s 4.49nm 4.4mb

e 17 27.55 121km

ZOBO 34.82 145 eP 17 24.00 17.5X

16d 04h

BDF 48.70 124 e(P) 18 50.00 -8.8X
 e 18 51.50 5kmX
 e 19 17.00
 e 19 25.50
 YKA 53.35 345 eP 19 30.70 -2.3
 0.8s 2.10nm 4.1mb
 RES 62.25 358 eP 20 34.00 -1.1
 1.0s 4.00nm 4.3mb
 pP 21 00.00 105kmX
 S.D. = 1.0 on 29 of 32 obs.

? DEC 16, 1992 04h 27m 46.69±2.27s
 43.679 N ±14.0km 11.791 E ±15.7km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)

CRE 0.13 113 Pd 27 49.00 -0.1
 eSg 27 52.00
 PGD 0.20 346 P 27 51.50 0.3
 eSg 27 54.90
 SFI 0.25 10 P 27 51.50 -0.4
 eSg 27 55.20
 RSM 0.54 62 P 27 57.00 0.2
 S.D. = 0.5 on 4 of 4 obs.

DEC 16, 1992 05h 07m 58.48±1.17s
 7.866 S ±6.3km 116.463 E ±7.5km
 DEPTH = 35.8 ±11.6 km
 5.0mb (7 obs.)
 BALI SEA (278)

Felt (II) at Kohang-Kahong,
 Bali.

KHKI 0.98 240 ePc 08 16.30 0.4
 e 14 42.00
 TRT 3.80 272 iPd 08 56.00 -0.1
 iS 09 23.60
 MKS 3.98 49 iPc 08 58.20 -0.5
 iS 09 59.00
 MBL 13.61 167 eP 10 55.00 -16.5X
 eS 13 14.00
 NANU 14.64 183 iPd 11 22.40 -2.6
 eS 13 51.00
 SWI 16.30 65 ePd 11 48.00 1.5
 MEEK 18.78 174 eP 12 19.00 1.6
 eS 15 29.00
 MRWA 21.24 181 eP 12 44.00 0.2
 eS 16 28.00
 ASPA 22.94 135 iPc 13 00.00 0.0
 0.6s 24.50nm 4.9mb
 eS 17 10.20
 COOL 23.32 170 eP 13 04.00 -0.3
 MUN 23.99 181 eP 13 21.00 -10.2X
 OIS 25.69 122 eP 13 26.50 -0.7
 CTA 31.29 116 P 14 22.20 4.5X
 CHG 31.64 327 eP 14 21.70 0.9
 STK 33.43 139 iPd 14 36.20 0.0
 RMO 35.82 125 eP 14 58.00 1.2
 BR5 39.46 124 iPc 15 27.00 0.4
 1.0s 11.00nm 4.6mb
 CD2 40.43 343 P 15 35.60 0.3
 1.4s 92.00nm 5.3mb
 LSA 44.58 328 P 16 11.40 1.7
 HYB 45.10 304 eP 16 20.00 6.5X
 LZH 45.30 346 eP 16 12.50 -2.5
 1.2s 23.00nm 5.0mb
 TIY 45.50 356 eP 16 16.20 -0.1
 GUN 46.25 321 P 16 23.12 0.3
 1.3s 98.00nm 5.6mb
 PKI 46.30 321 P 16 23.38 0.2
 DMN 46.52 320 P 16 25.20 0.4
 KKN 46.54 321 P 16 24.80 -0.1
 GKN 47.09 320 P 16 28.90 -0.3
 BJI 47.66 360 eP 16 33.00 -0.3
 MAT 48.66 23 eP 16 39.00 -2.2
 GTA 49.50 343 eP 16 49.00 1.2
 1.0s 9.00nm 4.8mb
 WMO 57.67 336 P 17 48.50 0.7
 0.7s 21.00nm 5.3mb
 pP 18 04.00 61kmX
 KSH 60.17 325 eP 18 04.00 -0.6
 MAW 69.46 199 P 19 07.00 2.1X
 YKA 114.17 23 ePKP 26 33.10 -2.4
 0.5s 0.30nm
 YJA 150.09 176 ePKPd 27 45.00 1.8
 BDF 151.96 214 PKPd 27 52.20 6.4X
 e 27 58.50

BAO 152.03 213 e(PKP) 27 43.00 -2.9
 e 27 52.50
 e 27 57.90
 e 28 03.00
 CNCB 155.09 170 ePKP 27 52.00 1.4
 LPB 155.34 169 ePKP 27 51.00 0.3
 ZOBO 155.58 169 PKP 27 52.60 1.2
 S.D. = 1.3 on 34 of 40 obs.

? DEC 16, 1992 06h 11m 51.09±0.70s
 27.039 N ±12.8km 141.824 E ±13.0km
 DEPTH = 33.0km (normal)
 4.7mb (10 obs.)
 BONIN ISLANDS REGION (212)

GUN 49.26 285 Pd 20 39.82 0.6
 0.6s 26.00nm 5.4mb
 PKI 49.75 284 Pd 20 42.66 -0.2
 0.5s 3.00nm 4.6mb
 KKN 49.81 285 Pd 20 43.18 0.0
 DMN 50.00 284 Pd 20 44.70 0.0
 0.6s 9.00nm 5.0mb
 GKN 50.32 285 Pd 20 47.00 0.0
 0.4s 3.00nm 4.7mb
 ASPA 50.99 189 eP 20 51.00 0.0
 0.5s 4.70nm 4.7mb
 YKA 72.34 28 eP 23 15.50 0.3
 0.6s 1.80nm 4.2mb
 KAF 77.39 334 iP 23 43.70 -0.3
 0.4s 4.20nm 4.8mb
 NUR 78.97 333 iP 23 53.00 0.3
 0.4s 5.60nm 4.9mb
 HFS 83.35 337 eP 24 15.50 -0.3
 0.5s 1.90nm 4.5mb
 NAO 83.83 338 P 24 18.20 -0.1
 0.7s 3.00nm 4.6mb
 ZOBO 150.25 75 PKP 31 43.00 7.4X
 LPB 150.38 76 ePKP 31 52.00 15.6X
 CNCB 150.60 76 PKP 31 45.20 8.3X
 S.D. = 0.3 on 11 of 14 obs.

DEC 16, 1992 06h 35m 31.54±0.78s
 44.529 N ±4.2km 6.438 E ±7.4km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
 ML 2.3 (GEN), 2.3 (LDG).

PZZ 0.48 93 P 35 41.36 0.1
 S 35 48.54
 BH8 0.67 62 P 35 45.02 0.2
 S 35 54.43
 STV 0.70 114 P 35 44.75 -0.6
 S 35 53.99
 ENR 0.77 113 P 35 45.82 -0.7
 S 35 55.77
 SBF 0.98 132 Pg 35 51.40 1.2
 Sg 36 07.50
 FRF 0.98 171 Pg 35 50.40 0.3
 Sg 36 04.00
 LPG 0.99 13 Pg 35 50.70 0.1
 Sg 36 05.00
 LPL 1.01 12 Pg 35 50.70 -0.1
 Sg 36 05.00
 LRG 1.08 183 Pg 35 51.80 0.0
 LMR 1.20 178 Pg 35 53.30 -0.5
 Sg 36 09.30
 S.D. = 0.6 on 10 of 10 obs.

* DEC 16, 1992 06h 55m 07.80±2.73s
 40.000 N ±9.7km 19.703 E ±22.9km
 DEPTH = 5.0km (geophysicist)
 ALBANIA (391)
 ML 3.0 (TIR).

SRN 0.26 118 iPg 55 12.00 -0.2
 iSg 55 16.00
 TPE 0.38 39 iPg 55 13.50 -1.9
 iSg 55 19.50
 IGT 0.67 134 ePg 55 19.72 -1.6
 eSg 55 30.92
 TIR 1.35 5 ePn 55 33.40 0.2
 OHR 1.39 37 iPn 55 32.90 -1.0
 iSn 55 55.40
 FNA 1.50 58 iPb 55 36.06 0.6
 eSb 55 59.64
 LACI 1.63 0 ePn 55 44.90 7.6X

LIT 2.14 86 ePn 55 47.52 2.8X
 eSn 56 16.48
 AGG 2.25 115 ePn 55 47.60 1.2
 eSn 56 17.72
 GRG 2.27 64 ePn 55 47.72 1.1
 iSn 56 18.28
 SKO 2.37 33 iPn 55 52.00 4.1X
 iSg 56 25.50
 VAY 2.55 58 iPn 55 50.60 0.1
 KNT 2.70 63 ePn 55 53.84 1.2
 S.D. = 1.3 on 10 of 13 obs.

? DEC 16, 1992 06h 57m 26.83±2.00s
 28.978 S ±10.3km 67.364 W ±17.7km
 DEPTH = 134.4 ±42.4 km
 LA RIOJA PROVINCE, ARGENTINA (138)

CYA 1.48 69 iPc 57 55.00 -0.4
 RTPR 1.51 151 iPc 57 56.10 0.4
 eS 17 40.10
 RTCB 2.79 206 ePd 58 11.40 -0.2
 FSA 3.12 23 ePc 58 16.00 0.2
 S 58 46.50
 TCA 3.36 135 ePd 58 19.00 -0.1
 S 58 58.00
 S.D. = 0.6 on 5 of 5 obs.

DEC 16, 1992 07h 09m 17.98±0.50s
 39.701 N ±4.9km 20.416 E ±4.2km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 MD 3.3 (ATH), ML 3.1 (TIR).

IGT 0.18 201 iPg 09 21.68 -0.3
 eSg 09 25.48
 SRN 0.37 299 iPg 09 24.60 -0.9
 iSg 09 31.00
 KEK 0.48 272 ePb 09 27.00 -0.7
 TPE 0.67 332 ePg 09 29.50 -1.8
 iSg 09 41.00
 VLO 1.04 318 ePn 09 40.40 2.8
 KZN 1.20 59 ePb 09 39.00 -1.5
 FNA 1.31 34 ePb 09 40.66 -1.5
 eSb 09 59.48
 OHR 1.44 12 iPn 09 44.20 0.1
 iSn 10 04.40
 VLS 1.53 175 ePb 09 45.50 0.2
 AGG 1.63 114 iPb 09 47.52 0.7
 eSb 10 11.84
 LIT 1.64 75 ePb 09 47.12 0.1
 eSb 10 11.04
 TIR 1.70 346 ePn 09 47.80 0.0
 GRG 1.97 50 iPb 09 52.17 0.4
 LACI 2.01 345 ePn 09 53.10 0.9
 iSn 10 25.50
 VAY 2.31 45 iPn 09 56.70 0.1
 KNT 2.39 52 ePn 09 58.00 0.3
 eSn 10 29.11
 SKO 2.40 19 iPn 09 59.00 1.1
 iPb 10 01.40
 iSn 10 28.80
 iSg 10 33.90
 SOH 2.51 63 ePn 09 59.64 0.1
 PAIG 2.52 84 ePn 09 59.76 0.1
 SRS 2.81 59 ePn 10 03.80 0.0
 S.D. = 1.1 on 20 of 20 obs.

? DEC 16, 1992 07h 30m 14.98±1.50s
 6.341 S ±16.4km 147.169 E ±10.1km
 DEPTH = 33.0km (normal)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 ML 4.1 (PMG).

LAT 0.36 207 iPd 30 24.00 0.4
 FINC 0.74 112 eP 30 29.00 0.1
 YYYY 1.20 275 eP 30 35.50 -0.1
 PMG 3.04 180 eP 31 01.50 -0.5
 eS 31 42.00
 S.D. = 0.6 on 4 of 4 obs.

DEC 16, 1992 08h 49m 02.70±1.18s
 43.397 N ±6.9km 5.415 E ±8.6km
 DEPTH = 10.0km (geophysicist)
 NEAR SOUTH COAST OF FRANCE (379)
 ML 2.8 (STR).

GELF 0.02 146 Pg 49 04.28 -0.4

16d 08h

BERF 0.22 113 Pg 49 07.76 0.3
 TREF 0.23 354 Pg 49 06.59 -1.0
 PUYF 0.25 57 Pg 49 06.57 -1.4
 PRAF 0.44 336 Pg 49 11.51 -0.3
 VILF 0.50 25 Pg 49 11.98 -1.0
 TAVF 0.52 65 Pg 49 12.22 -1.0
 CALN 1.13 71 Pg 49 24.61 0.7
 MVIF 1.36 68 Pn 49 27.66 -0.1
 Sg 49 46.60
 REVF 1.46 76 Pn 49 30.03 0.9
 TOUF 1.47 65 Pn 49 29.35 0.0
 Sg 49 49.66
 AURF 1.47 70 Pn 49 29.12 -0.2
 Sg 49 50.55
 SURF 1.48 43 Pg 49 30.80 1.2
 Sg 49 51.21
 SBF 1.54 72 Pn 49 30.87 0.6
 AUTN 1.58 67 Pn 49 30.76 -0.2
 Sg 49 53.62
 SAOF 1.66 68 Pn 49 31.85 -0.2
 DOI 1.72 49 P 49 33.50 0.5
 eSn 49 58.10
 BNI 1.89 28 P 49 38.00 2.6
 eSn 50 01.90
 PGF 2.76 107 Pn 49 46.58 -1.4
 S.D. = 1.0 on 19 of 19 obs.

* DEC 16, 1992 09h 49m 40.99±0.39s
 17.136 S ± 8.6km 66.916 E ± 9.0km
 DEPTH = 10.0km (geophysicist)
 5.0mb (13 obs.) 4.7Msz (5 obs.)
 MAURITIUS-REUNION REGION (427)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 21S, 32C
 Centroid Location:
 Origin Time 09:49:49.8 0.4
 Lot 17.05S 0.04 Lon 66.85E 0.05
 Dep 15.0 FIX Half-duration 1.4
 Moment Tensor; Scale 10⁻¹⁷ Nm
 Mrr=-0.45 0.06 Mtt=-1.15 0.05
 Mff= 1.60 0.08 Mrt= 0.00 0.00
 Mrf= 0.00 0.00 Mtf= 0.44 0.06
 Principal Axes:
 T Val= 1.67 Plg= 0 Azm= 99
 N -0.45 90 180
 P -1.22 0 9
 Best Double Couple: Mo=1.4×10⁻¹⁷
 NP1: Strike=144 Dip=90 Slip=-180
 NP2: 234 90 0

CRZF 31.77 200 eP 56 27.00 19.5X
 ePP 57 33.00
 eS 01 24.00
 HYB 36.20 19 eP 56 48.50 2.5
 eS 02 28.00
 BUL 36.36 259 eP 56 48.80 1.2
 NDI 46.63 12 iPc 58 14.60 3.3X
 eS 05 08.00
 QUE 47.05 0 eP 58 19.00 4.2X
 CHG 47.63 43 eP 58 19.90 0.5
 DMN 47.85 22 P 58 21.84 0.5
 PKI 47.92 22 P 58 21.82 -0.2
 GKN 48.04 21 P 58 22.34 -0.4
 KKN 48.07 22 P 58 22.20 -0.9
 GUN 48.40 23 P 58 25.60 -0.1
 SHI 48.54 343 eP 58 27.00 0.5
 MAW 50.51 182 eP 58 42.00 1.1
 0.7s 22.20nm 5.2mb
 BCAO 52.36 290 iPd 58 53.00 -2.8
 1.0s 8.00nm 4.6mb
 ic 00 17.00
 id 01 05.00
 is 06 07.80
 MAIO 53.61 353 eP 59 06.00 1.3
 eS 06 44.00
 KMI 54.61 41 P 59 15.50 3.0X
 Z 28s 1.00um 4.7MszX
 eS 06 56.00
 KSH 56.93 8 eP 59 27.20 -1.6
 Z 16s 1.20um 5.1MszX
 E 12s 0.83um
 pP 59 34.20 23kmX
 sP 59 36.20
 GYA 58.04 42 P 59 36.60 -0.3
 1.0s 12.00nm 4.9mb
 Z 26s 0.71um 4.7MszX

CD2 59.47 37 eP 59 45.60 -1.0
 ASPA 62.64 108 iPc 00 08.30 -0.1
 0.8s 31.80nm 5.6mb
 NVL 62.76 198 eP 00 07.00 -1.4
 LZH 63.42 33 eP 00 13.30 -0.1
 2.0s 25.00nm 5.1mb
 Z 16s 0.29um 4.6MszX
 WMO 63.57 17 P 00 12.60 -1.5
 2.0s 24.00nm 5.0mb
 Z 20s 0.64um 4.8Msz
 E 12s 0.36um
 pP 00 20.50 25kmX
 sP 00 27.50
 PcP 00 48.00
 S 08 44.00
 sS 08 56.00
 ScS 10 06.00
 eSS 12 52.00
 GTA 64.10 28 eP 00 17.50 -0.2
 Z 30s 1.34um 4.9MszX
 pP 00 22.50 16kmX
 XAN 64.73 38 Pc 00 20.80 -1.0
 1.0s 9.00nm 4.9mb
 pP 00 31.00 33kmX
 S 08 59.00
 WHN 65.80 44 eP 00 29.50 0.8
 STK 68.35 118 eP 00 44.90 -0.1
 TIY 69.33 37 eP 00 51.20 0.3
 Z 18s 0.49um 4.8Msz
 N 11s 0.26um
 S 10 02.00
 BTO 70.02 34 eP 00 55.00 0.0
 HHC 71.02 34 eP 01 01.30 0.1
 1.0s 11.00nm 4.9mb
 TIA 71.18 41 eP 01 02.40 0.3
 Z 26s 0.54um 4.7MszX
 eS 10 22.00
 SPA 72.97 180 iPc 01 12.20 -0.3
 0.8s 16.67nm 5.2mb
 BJI 73.06 37 eP 01 13.50 0.4
 Z 20s 0.30um 4.6Msz
 eS 10 44.00
 eSS 15 24.00
 KIC 74.52 282 P 01 23.80 1.6
 CTA 74.56 107 i(PKP) 01 24.00 1.6
 1.0s 12.50nm 4.9mb
 LIC 74.75 282 P 01 22.30 -1.2
 Z 20s 0.20um 4.4Msz
 TIC 74.88 282 P 01 24.80 0.5
 OBN 76.42 343 eP 01 37.00 4.8X
 LO 23 36.00
 LR 33 54.00
 SRO 77.89 329 eP 01 43.50 3.1X
 i 01 53.40
 SPC 77.91 331 eP 01 45.40 4.6X
 ZST 78.74 329 eP 01 50.50 5.3X
 CN2 80.83 39 eP 01 55.60 -0.9
 1.0s 4.60nm 4.5mb
 Z 20s 0.43um 4.8Msz
 eSP 02 07.00
 GEC2 80.89 328 P 01 56.40 -0.4
 1.2s 2.10nm 4.0mb
 KSP 80.90 330 eP 01 58.00 1.3
 KHC 81.13 328 P 02 00.00 2.0
 e 02 08.00
 CLL 82.79 329 eP 02 10.00 3.5X
 2.0s 26.00nm 5.1mb
 MDJ 83.77 40 eP 02 11.60 -0.1
 MAT 85.79 50 (P) 02 22.00 0.0
 eS 12 48.00
 LPB 124.46 235 PKP 08 50.00 6.6X
 ZOBO 124.63 236 PKP 08 47.90 3.9X
 Z 24s 0.13um 4.5MszX
 LR 43 14.00
 YKA 134.68 1 ePKP 08 59.10 -1.9
 0.8s 0.50nm
 SES 146.78 358 ePKP 09 28.00 4.9X
 RMW 148.92 11 ePKP 09 32.29 5.6X
 DPW 149.06 7 ePKP 09 31.27 4.4X
 LON 149.60 12 ePKP 09 32.04 4.4X
 FVM 151.25 321 ePKP 09 38.31 8.0X
 LCCM 151.37 358 ePKP 09 47.40 16.9X
 RSSD 152.03 346 ePKP 09 38.29 6.7X
 S.D. = 1.1 on 40 of 58 obs.

& DEC 16, 1992 09h 55m 56.20s

34.625 N 116.545 W
 DEPTH = 3.4km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
 GSC 0.71 343 iPc 56 09.54 -0.8
 PEC 0.89 215 ePd 56 12.64 -1.3
 SSK 1.04 247 ePd 56 15.30 -1.2
 PLM 1.30 192 ePd 56 20.19 -0.7
 eS 56 37.69
 ISA 1.89 304 ePn 56 27.47 -2.2
 eS 56 56.00
 GLA 2.12 137 ePn 56 29.77 -3.3
 eS 57 04.47
 TPNV 2.33 6 (P) 56 34.75 -1.4
 MTUM 3.18 330 ePn 56 46.98 -1.2
 PHAM 3.38 292 (P) 56 49.14 -1.8
 MRCM 3.43 333 ePn 56 50.94 -0.9
 TNP 3.49 351 ePn 56 51.10 -1.6
 MPM 3.59 327 ePn 56 54.36 0.1
 MEMM 3.60 328 (Pn) 56 52.12 -1.8
 BONR 3.61 337 ePn 56 54.34 -0.1
 CMB 4.60 319 (P) 57 25.45 17.2
 MSU 5.24 41 ePn 57 16.23 -1.3
 DUG 6.30 27 (P) 57 31.58 -0.9
 SRU 6.58 45 (P) 57 32.70 -3.7
 PV10 7.11 56 eP 57 42.52 -1.4
 19 obs. associated

? DEC 16, 1992 10h 21m 25.39±2.38s
 35.926 S ±17.8km 179.214 E ±33.3km
 DEPTH = 270.8 ± 13.4 km
 4.6mb (1 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 1.82 203 eP 22 07.40 -1.0
 PUZ 2.28 199 eP 22 12.80 0.4
 eS 22 51.50
 NOZ 2.85 199 eP 22 18.80 0.9
 URZ 2.87 215 eP 22 18.10 -0.1
 eS 23 02.20
 WLZ 3.49 235 eP 22 25.30 0.5
 PGZ 5.23 205 eP 22 46.80 1.8X
 KIW 5.98 213 eP 22 54.00 -0.2
 MTW 5.98 208 eP 22 54.40 0.1
 CAW 6.11 211 eP 22 55.90 0.0
 MRW 6.37 212 P 22 58.60 -0.4
 eS 24 16.30
 TCW 6.54 215 eP 23 00.50 -0.7
 KHZ 7.84 212 eP 23 17.90 0.6
 eS 24 50.00
 ASPA 40.84 275 iPd 28 42.60 0.0
 0.4s 12.20nm 4.6mb
 S.D. = 0.6 on 12 of 13 obs.

* DEC 16, 1992 10h 25m 23.61±3.12s
 31.422 N ±29.2km 115.674 W ±11.7km
 DEPTH = 10.0km (geophysicist)
 BAJA CALIFORNIA, MEXICO (48)
 ML 3.7 (GS).

GLA 1.78 24 eP 25 53.55 -1.1
 PLM 2.17 333 ePn 26 00.75 0.3
 ePg 26 03.00
 eS 26 29.78
 PEC 2.76 333 ePn 26 08.46 -0.3
 ePg 26 11.91
 S 26 47.23
 SSK 3.26 329 (Pn) 26 16.48 0.5
 ePg 26 21.30
 S 27 01.55
 GSC 3.98 347 (Pn) 26 25.54 -0.6
 ePg 26 36.76
 S 27 30.13
 TUC 4.25 77 ePn 26 29.56 -0.4
 ISA 4.83 332 (P) 27 03.77 25.6X
 PV10 8.82 36 (P) 27 34.87 0.5
 PV08 9.17 37 eP 27 40.32 1.1
 S.D. = 0.8 on 8 of 9 obs.

% DEC 16, 1992 10h 41m 26.14±1.21s
 37.802 N ± 7.3km 30.488 E ±17.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

BCK 0.35 167 iPg 41 32.80 -0.6

eSg 41 40.00
KHL 0.92 305 iPn 41 43.10 -0.7
ELL 1.15 204 ePn 41 48.50 0.8
ALT 1.29 347 iPn 41 50.50 0.5
DST 2.32 322 ePn 42 05.00 0.1
S.D. = 0.9 on 5 of 5 obs.

DEC 16, 1992 10h 48m 52.44 ± 0.38s
8.315 S ± 6.5km 122.552 E ± 9.1km
DEPTH = 33.0km (normol)
4.8mb (6 obs.)

FLORES REGION, INDONESIA (286)

MKS 4.34 315 iPc 49 58.00 0.2
KHKI 6.87 269 ePd 50 11.80 -21.7X
eS 52 09.10
e 53 52.30
MTN 9.56 119 iPd 51 10.60 -0.3
KNA 9.57 141 eP 51 09.00 -2.0
eS 52 55.00
MBL 13.04 191 iPc 51 45.00 -13.0X
eS 54 00.00
MEEK 18.60 191 eP 53 10.00 0.7
eS 56 26.00
ASPA 18.74 146 iPc 53 11.10 0.1
1.2s 35.50nm 4.4mb
eS 56 28.90
OIS 20.49 128 eP 53 30.60 0.2
MRWA 21.69 196 eP 53 42.00 -0.5
0.4s 9.00nm 4.5mb
eS 57 34.00
COOL 22.49 183 eP 53 50.30 -0.2
BAL 22.84 193 eP 53 54.00 0.1
0.4s 20.00nm 5.0mb
FORT 22.93 168 eP 53 55.00 0.2
KLB 23.59 190 eP 54 01.00 -0.1
0.3s 7.00nm 4.7mb
MUN 24.27 193 eP 54 08.00 0.2
STK 29.38 146 iPc 54 55.30 0.4
RMO 30.74 129 eP 55 09.00 2.0
CHG 35.62 319 eP 55 50.20 0.8
CD2 42.96 336 eP 56 51.00 0.7
XAN 44.06 344 eP 56 57.80 -1.3
LSA 48.39 323 P 57 36.00 2.0
GUN 50.54 317 P 57 50.00 -0.4
0.8s 23.00nm 5.2mb
PKI 50.64 316 P 57 49.40 -1.8
KKN 50.87 316 P 57 52.00 -0.7
DMN 50.88 316 P 57 52.40 -0.4
GKN 51.45 316 P 57 56.40 -0.6
WMO 60.75 332 P 59 04.20 0.8
0.5s 11.00nm 5.2mb
pP 59 09.30 17kmX
YJA 148.69 166 ePKPc 08 41.40 6.0X
CNCB 152.95 157 ePKP 08 52.00 10.0X
LPB 153.16 157 (PKP) 08 57.00 14.9X
ZOBO 153.37 157 ePKP 09 04.00 21.3X
S.D. = 1.0 on 24 of 30 obs.

? DEC 16, 1992 11h 16m 51.91 ± 3.52s
39.311 S ± 15.6km 174.491 E ± 10.5km
DEPTH = 287.5 ± 31.7 km
NORTH ISLAND, NEW ZEALAND (159)

BSZ 0.59 145 P 17 29.80 0.5
CNZ 0.83 83 P 17 30.20 -0.2
NGZ 0.87 82 P 17 30.60 0.0
MNG 1.51 150 Pc 17 34.20 0.0
S 18 02.10
DIW 1.55 196 P 17 34.50 0.0
KIW 1.58 168 P 17 34.50 -0.2
CAW 1.85 166 P 17 36.60 -0.1
PGZ 1.89 134 P 17 37.10 0.1
TCW 1.91 185 P 17 37.20 0.1
MRW 1.93 175 P 17 37.20 -0.1
S 18 08.50
WEL 1.98 174 P 17 37.60 -0.1
MTW 2.00 158 Pc 17 37.90 0.0
QRZ 2.14 224 P 17 38.70 -0.3
eS 18 10.60
MOW 2.19 165 P 17 39.30 -0.2
BLW 2.19 160 P 17 39.60 0.1
THZ 2.73 206 P 17 44.90 0.3
eS 18 22.20
DSZ 3.18 219 P 17 49.20 0.1
KHZ 3.19 193 P 17 49.30 0.3
S 18 30.10

LTZ 3.85 205 eP 17 56.10 -0.2
S 18 41.90
S.D. = 0.2 on 19 of 19 obs.

DEC 16, 1992 11h 50m 01.42 ± 0.72s
40.688 N ± 4.7km 23.415 E ± 6.3km
DEPTH = 10.0km (geophysicist)

GREECE (364)
ML 3.0 (SKO).

SOH 0.14 341 iPg 50 05.30 0.5
eSg 50 07.86
THE 0.35 261 ePg 50 08.34 -0.2
iSg 50 12.69
SRS 0.45 17 iPg 50 10.50 -0.1
eSg 50 18.14
KNT 0.61 321 iPg 50 13.21 -0.6
iSg 50 20.66
PAIG 0.79 165 iPg 50 16.50 -0.2
GRG 0.82 290 iPg 50 16.57 -0.7
eSg 50 28.53
VAY 0.90 315 iPg 50 18.70 0.1
iSg 50 29.80
LIT 0.92 231 ePg 50 19.06 0.1
eSg 50 32.18
FNA 1.55 274 ePb 50 29.94 0.8
SKO 1.96 311 iPn 50 38.90 3.8X
i 50 41.00
iSg 51 03.20
OHR 2.03 283 ePn 50 36.50 0.4
CTT 3.83 81 ePg 51 12.00 10.3X
S.D. = 0.5 on 10 of 12 obs.

* DEC 16, 1992 12h 29m 04.18 ± 1.41s
24.423 N ± 7.1km 120.675 E ± 20.5km
DEPTH = 31.1 ± 10.4 km
3.5mb (1 obs.)

TAIWAN (244)
ML 3.9 (BJI).

TWO 0.21 135 iPc 29 10.80 0.1
eS 29 14.90
TWD 0.91 112 ePd 29 19.90 -0.8
TWZ 1.06 51 ePc 29 24.10 1.2
TWC 1.09 80 iPc 29 24.10 0.9
eS 29 37.50
TWK 1.16 189 iPc 29 24.90 0.5
TWF1 1.21 152 iPd 29 24.90 -0.1
QZH 1.96 286 Pg 29 48.00 12.1X
Sg 30 20.20
SSE 6.66 4 Pd 30 42.00 -0.4
S 31 55.50
NJ2 7.77 348 Pc 31 05.00 7.1X
GYA 12.82 282 P 32 16.00 8.8X
CD2 16.31 297 eP 33 03.70 11.1X
YKA 82.93 23 eP 41 26.70 -0.3
0.5s 0.20nm 3.5mb
S.D. = 0.9 on 8 of 12 obs.

? DEC 16, 1992 13h 23m 19.86 ± 0.91s
42.293 N ± 7.0km 23.940 E ± 8.6km
DEPTH = 10.0km (geophysicist)

BULGARIA (359)

SRS 1.20 193 ePb 23 41.88 -0.4
iSb 24 05.16
KNT 1.37 215 ePb 23 45.01 0.0
eSb 24 08.94
VAY 1.41 227 iPn 23 45.60 0.0
SOH 1.53 197 ePb 23 47.36 0.0
eSb 24 14.69
GRG 1.76 221 ePn 23 51.04 0.4
THE 1.81 204 ePn 23 52.24 0.9
SKO 1.89 261 iPn 23 51.50 -0.9
iSg 24 25.20
ALN 2.11 131 ePn 23 55.28 -0.3
eSn 24 26.56
SSR 3.03 329 ePd 24 09.00 0.4
S.D. = 0.6 on 9 of 9 obs.

% DEC 16, 1992 13h 32m 04.49 ± 0.79s
43.373 N ± 8.2km 12.493 E ± 7.1km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)

ASS 0.33 158 P 32 11.30 0.0
eSg 32 17.20

ARV 0.35 69 P 32 11.70 0.0
eSg 32 18.00
CRE 0.47 303 P 32 14.00 -0.1
eSg 32 21.20
SFI 0.72 320 P 32 18.80 0.2
eSg 32 28.80
PGD 0.75 312 P 32 19.20 -0.1
S.D. = 0.2 on 5 of 5 obs.

% DEC 16, 1992 13h 51m 12.50 ± 0.91s
44.090 N ± 14.0km 11.090 E ± 5.2km
DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

MME 0.30 290 Pd 51 18.70 -0.1
eSg 51 24.10
BDI 0.36 266 Pd 51 20.00 0.1
eSg 51 25.00
PGD 0.50 115 P 51 23.30 0.5
eSg 51 31.40
PII 0.55 228 Pc 51 23.70 0.0
eSg 51 32.60
SFI 0.58 107 Pd 51 24.20 0.1
eSg 51 33.00
CRE 0.78 126 P 51 27.00 -0.7
eSg 51 40.20
S.D. = 0.5 on 6 of 6 obs.

% DEC 16, 1992 14h 07m 13.55 ± 1.89s
40.385 N ± 14.1km 21.445 E ± 11.4km
DEPTH = 10.0km (geophysicist)

GREECE (364)

FNA 0.40 353 iPg 07 21.14 -0.7
eSg 07 27.18
LIT 0.85 109 ePg 07 29.62 -0.3
eSg 07 44.86
OHR 0.88 326 ePg 07 30.80 0.4
eSg 07 43.30
GRG 0.92 52 ePg 07 31.50 0.3
KNT 1.35 54 ePb 07 38.70 0.3
S.D. = 0.6 on 5 of 5 obs.

? DEC 16, 1992 14h 18m 48.28 ± 2.34s
37.048 N ± 19.7km 4.543 E ± 14.3km
DEPTH = 10.0km (geophysicist)

SPAIN (377)

EGUA 0.81 105 eP 19 03.40 -0.6
eS 19 16.00
ECOG 0.81 73 eP 19 05.30 1.2
eS 19 12.50
EHOR 0.96 324 eP 19 06.70 0.2
eS 19 18.50
EBAN 1.27 28 eP 19 11.00 -0.8
eS 19 27.30
S.D. = 1.6 on 4 of 4 obs.

DEC 16, 1992 14h 21m 20.18 ± 0.60s
45.672 N ± 7.2km 15.394 E ± 4.4km
DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

ML 3.0 (VIE), 2.5 (ZAG).

ZAG 0.44 70 iPg 21 28.60 -0.5
i(Sg) 21 34.40
iSg 21 35.80
PTJ 0.46 60 iPg 21 28.50 -1.0
iSg 21 33.80
RIY 0.78 246 iPg 21 34.50 -0.9
iSg 21 46.10
TRI 1.14 272 ePg 21 41.30 -0.2
i 21 43.00
iSg 21 56.80
i 21 58.30
RBL 1.49 302 P 21 47.00 0.0
KBA 2.00 316 iPnc 21 54.40 -0.1
iPg 21 58.30
i 22 16.30
iSg 22 25.10
FVI 2.04 298 P 21 55.30 0.4
eSn 22 22.40
SOP 2.17 21 e(P) 21 58.00 1.2
HVAR 2.60 163 ePn 22 04.10 1.1
iSn 22 35.40
CTI 2.64 280 P 22 03.00 -0.7
eSn 22 34.00

16d 14h

WTTA 3.05 303 iPnc 22 10.20 0.8
S.D. = 0.9 on 11 of 11 obs.

? DEC 16, 1992 14h 38m 31.22 ± 0.82s
23.444 N ± 14.5km 92.562 E ± 8.6km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)

INDIA-BANGLADESH BORDER REGION (315)

GUN 7.49 308 P 40 21.12 -0.2
CHG 7.53 127 eP 40 21.00 -0.5
PKI 7.66 304 Pc 40 23.96 0.3
0.8s 59.00nm 5.7mb X
KKK 7.87 305 Pc 40 26.22 -0.3
DMN 7.91 303 Pc 40 26.92 -0.2
0.5s 25.00nm 5.6mb X
GKN 8.46 304 Pd 40 34.18 -0.5
0.6s 73.00nm 6.0mb X
LZH 15.94 35 eP 42 14.00 -0.8
1.0s 25.00nm 4.3mb
FBA 80.56 22 (P) 50 42.80 1.4
YKA 91.66 12 eP 51 36.90 0.8
0.8s 0.50nm 4.0mb
S.D. = 0.8 on 9 of 9 obs.

DEC 16, 1992 14h 47m 24.97 ± 0.79s
37.116 N ± 8.5km 4.492 W ± 6.4km
DEPTH = 10.0km (geophysicist)

SPAIN (377)

mbLg 2.9 (MDD).

ELUO 0.48 22 iPgc 47 35.15 0.5
eSg 47 42.90
EPRU 0.61 256 iPgc 47 37.99 0.7
eSg 47 46.00
ECOG 0.76 77 iPgd 47 40.18 0.3
EHOR 0.93 320 iPgd 47 42.81 0.2
eSg 47 55.90
ALJ 1.00 244 eP 47 47.00 3.1X
EJIF 1.03 230 iPgc 47 44.46 0.1
eSg 47 58.20
EBAN 1.19 28 iPgc 47 47.72 0.6
eSg 48 03.70
EVAL 1.86 285 ePn 47 56.13 -1.0
eSn 48 18.80
EVIA 2.19 45 ePn 48 00.69 -1.3
eSn 48 28.20
S.D. = 0.9 on 8 of 9 obs.

% DEC 16, 1992 15h 39m 44.56 ± 0.85s
40.276 N ± 7.6km 21.576 E ± 7.1km
DEPTH = 10.0km (geophysicist)

GREECE (364)

FNA 0.53 343 ePg 39 55.46 0.2
eSg 40 04.42
LIT 0.72 104 ePg 39 58.98 0.2
eSg 40 09.78
GRG 0.93 42 ePg 40 02.30 0.0
IGT 1.21 233 ePb 40 07.02 -0.1
KNT 1.34 48 ePb 40 08.94 -0.3
S.D. = 0.3 on 5 of 5 obs.

DEC 16, 1992 15h 56m 30.88 ± 1.15s
14.749 N ± 10.4km 93.748 W ± 7.5km
DEPTH = 59.9 ± 9.2 km
4.6mb (14 obs.)

NEAR COAST OF CHIAPAS, MEXICO (69)

TPX 1.45 84 iP 56 54.50 -0.6
iS 57 19.00
SCX 2.25 28 iP 57 09.00 2.7
iS 57 42.50
EVV 3.99 338 eP 57 32.50 1.5
iS 58 24.00
IISM 5.46 321 iP 57 53.00 1.4
(S) 58 52.00
ACX 6.25 291 (P) 58 04.00 1.3
PPM 6.34 313 iP 58 03.00 -1.4
(S) 59 21.00
III 6.56 304 iP 58 04.80 -2.4
(S) 59 19.00
UNM 6.91 312 (P) 58 13.00 0.8
MRX 8.65 306 iP 58 34.00 -1.9
UYO 19.34 358 iPd 00 52.00 -2.3
MIAR 19.71 0 eP 00 55.83 -2.4
0.9s 23.48nm 4.5mb

WMOK 20.41 348 eP 01 04.01 -1.5
1.1s 21.18nm 4.4mb

MEO 20.42 349 iPd 01 03.80 -1.8
OLY 20.77 5 eP 01 08.81 -0.3
ACO 22.38 349 iPc 01 24.70 -0.6
JSC 22.48 28 (P) 01 26.32 0.1
TKL 22.66 21 (P) 01 28.14 0.1
ELC 22.80 9 eP 01 25.71 -3.6X
ALQ 23.14 333 eP 01 32.64 -0.2
0.9s 7.41nm 4.1mb
FVM 23.33 7 (P) 01 32.71 -1.8
0.4s 32.43nm 5.1mb
TUC 23.38 321 eP 01 36.31 1.2
1.5s 42.74nm 4.7mb
GOL 26.87 340 eP 02 08.37 0.2
0.8s 1.70nm 3.7mb
PV08 27.14 334 eP 02 11.36 0.7
PV10 27.14 333 eP 02 10.11 -0.5
PV09 27.28 333 eP 02 12.36 0.4
DAU 29.79 332 eP 02 34.89 0.3
HUU 31.57 332 (P) 02 50.46 0.4
BONR 31.73 321 eP 02 52.69 1.1
ORV 34.68 321 (P) 03 17.50 0.7
NTYM 34.72 318 eP 03 20.05 2.9
LRM 34.75 337 eP 03 18.00 0.4
ULM 35.45 358 eP 03 24.00 0.8
SES 38.22 342 eP 03 47.00 0.4
ZOBO 39.89 140 P 04 00.00 -1.5

Z 20s 0.15um 3.8msz

CNCB 40.38 140 P 04 05.00 -0.4
YKA 49.92 348 eP 05 18.60 -1.6
0.8s 8.20nm 4.8mb
DAG 72.31 14 iPd 07 51.20 -0.3
0.7s 6.16nm 4.6mb
EKA 78.35 36 P 08 35.00 8.8X
NAO 84.19 28 P 08 58.20 1.4
0.9s 12.60nm 5.0mb
HAU 85.78 42 eP 09 05.70 0.7
0.8s 8.85nm 5.0mb
Z 21s 0.10um 4.2msz
BSF 86.12 42 eP 09 07.10 0.3
1.0s 9.40nm 4.9mb
CDF 86.25 41 eP 09 07.90 0.5
1.0s 5.60nm 4.7mb
LIC 87.21 84 P 09 13.10 0.6
KIC 87.45 84 P 09 14.30 0.6
GEC2 90.10 39 Pd 09 26.00 0.2
0.9s 2.65nm 4.5mb
GEC2 90.10 39 PKP 09 34.50 8.7X
1.2s 3.04nm 4.5mb
e 09 49.10
HYB 147.15 14 ePKP 16 11.00 3.6X
GBA 150.51 18 PKP 16 18.50 5.9X
S.D. = 1.3 on 43 of 48 obs.

% DEC 16, 1992 16h 03m 52.95 ± 0.64s
44.743 N ± 4.0km 7.221 E ± 8.7km
DEPTH = 5.0km (geophysicist)

NORTHERN ITALY (545)

ML 1.5 (GEN).

BHB 0.10 17 P 03 55.27 0.0
S 03 56.82
PZZ 0.25 200 P 03 58.19 0.1
S 04 01.86
RRL 0.36 300 P 04 00.16 0.0
S 04 05.02
RSP 0.41 4 P 04 01.17 0.0
S 04 06.84
STV 0.50 172 P 04 03.00 -0.1
S 04 09.54
ENR 0.54 165 P 04 03.69 0.0
S.D. = 0.1 on 6 of 6 obs.

* DEC 16, 1992 16h 21m 46.95 ± 1.83s
38.126 N ± 11.0km 27.001 E ± 15.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.6 (ISK).

Izm 0.34 37 iPg 21 54.10 0.1
iSg 22 00.10
CIN 1.01 121 eP 22 06.00 0.0
EZN 1.78 343 ePn 22 18.00 0.1

DST 1.95 40 ePn 22 20.70 0.3
KCT 2.37 26 ePn 22 26.00 -0.5
S.D. = 0.4 on 5 of 5 obs.

? DEC 16, 1992 16h 29m 50.80 ± 5.53s
11.318 S ± 71.4km 75.856 W ± 9.2km
DEPTH = 33.0km (normal)

CENTRAL PERU (116)

NNA 1.17 235 iPc 30 11.00 0.0
eS 30 21.70
ARE 6.64 141 eP 31 29.00 0.1
eS 32 40.00
ZOBO 8.98 124 P 32 02.20 0.3
LPB 9.14 125 (P) 32 04.00 0.1
CNCB 9.39 126 eP 32 07.00 -0.5
S.D. = 0.4 on 5 of 5 obs.

% DEC 16, 1992 16h 50m 31.35 ± 0.61s
37.113 N ± 6.1km 4.474 W ± 5.0km
DEPTH = 10.0km (geophysicist)

SPAIN (377)

mbLg 2.8 (MDD).

ELUO 0.48 20 iPgc 50 41.22 0.2
eSg 50 49.40
EPRU 0.62 257 iPgc 50 44.01 0.1
eSg 50 53.20
ECOG 0.74 77 iPgc 50 45.75 -0.2
eSg 50 57.50
EGUA 0.78 111 iPgc 50 46.42 -0.1
eSg 50 57.30
EHOR 0.94 319 iPgc 50 48.74 -0.5
eSg 51 01.70
EJIF 1.04 231 iPgc 50 51.12 0.2
eSg 51 04.90
EBAN 1.18 27 iPgc 50 53.80 0.4
eSg 51 09.00
S.D. = 0.4 on 7 of 7 obs.

DEC 16, 1992 17h 22m 52.63 ± 0.32s
8.500 S ± 5.7km 121.945 E ± 8.4km
DEPTH = 17.0km (4 depth phases)
5.0mb (21 obs.)

FLORES REGION, INDONESIA (286)

MKS 4.08 323 iPc 23 58.50 2.8
KHKI 6.27 271 ePd 24 28.70 2.1
eS 25 48.20
e 27 51.80
KNA 9.82 138 iPc 25 13.50 -2.6
eS 27 02.00
MTN 10.01 116 iPd 25 18.10 -0.6
eS 27 08.00
MBL 12.75 189 eP 25 40.00 -16.0X
eS 27 56.00
NANU 15.28 203 iPc 26 35.80 6.6X
eS 29 07.00
WEEK 18.31 190 eP 27 08.00 0.3
eS 50 17.00
ASPA 18.94 144 eP 27 15.70 0.4
0.4s 63.30nm 5.2mb
eS 30 33.50
OIS 20.85 127 iPd 27 36.50 0.2
0.3s 6.00nm 4.5mb
MRWA 21.35 194 eP 27 41.00 -0.3
0.5s 25.00nm 4.9mb
eS 31 23.00
COOL 22.28 182 eP 27 50.00 -0.6
BAL 22.53 192 eP 27 52.00 -1.1
FORT 22.89 166 eP 27 56.50 -0.1
KLB 23.30 189 eP 28 00.50 -0.1
0.3s 9.00nm 4.9mb
MUN 23.96 192 eP 28 07.00 0.0
IPM 24.58 301 ePc 28 13.50 0.4
0.9s 38.30nm 5.0mb
PMG 24.92 94 eP 28 17.00 0.6
RKG 26.34 189 eP 28 30.20 0.7
0.6s 12.00nm 4.7mb
STK 29.58 145 eP 28 58.90 0.0
RMO 31.09 128 eP 29 14.00 1.6
BFD 34.11 150 eP 29 40.30 1.7
TOO 35.94 147 iPd 29 55.10 0.9
0.8s 44.00nm 5.4mb
GYA 37.79 337 P 30 11.40 1.4
1.0s 15.00nm 4.7mb
KMI 38.30 331 Pd 30 17.40 2.9X

1.2s 30.00nm 4.9mb
 SSE 39.38 359 eP 30 25.00 2.0
 WHN 39.50 350 eP 30 26.30 2.2
 NJ2 40.43 356 Pc 30 33.00 1.3
 0.8s 19.00nm 4.9mb
 CD2 42.89 337 iPc 30 52.60 0.6
 XAN 44.07 344 Pc 31 01.60 0.0
 0.8s 19.00nm 5.0mb
 pP 31 06.60 17km
 TIY 46.82 350 eP 31 22.90 -0.6
 MAT 47.34 18 eP 31 31.00 3.5X
 LZH 47.51 340 eP 31 30.00 0.9
 1.0s 60.00nm 5.6mb
 pP 31 35.00 17km
 sP 31 41.50
 LSA 48.17 323 P 31 34.40 -0.3
 BJI 48.59 354 eP 31 37.00 -0.1
 GBA 49.34 296 P 31 40.50 -2.8
 HHC 50.03 350 eP 31 48.00 -0.4
 1.0s 7.10nm 4.6mb
 BTO 50.08 348 eP 31 48.00 -0.8
 GUN 50.26 317 P 31 48.72 -2.0
 PKI 50.36 317 Pc 31 50.16 -1.3
 0.5s 12.00nm 5.1mb
 KKN 50.59 317 P 31 51.32 -1.7
 0.7s 16.00nm 5.1mb
 DMN 50.59 316 P 31 50.54 -2.5
 0.8s 29.00nm 5.3mb
 GKN 51.16 317 P 31 55.32 -2.0
 GTA 51.90 338 P 32 03.00 0.3
 1.0s 9.00nm 4.7mb
 pP 32 08.50 18km
 MDJ 53.32 7 eP 32 10.80 -2.1
 WMO 60.63 332 P 33 04.50 -0.5
 0.4s 8.60nm 5.2mb
 pP 33 09.50 16km
 MAW 70.70 200 iPd 34 10.00 0.7
 1.1s 43.50nm 5.5mb
 SPA 81.56 180 iPc 35 11.30 0.6
 0.8s 7.50nm 4.8mb
 NVL 88.52 198 eP 35 45.00 -0.2
 1.0s 22.00nm 5.4mb
 YKA 112.53 25 ePKP 41 26.70 -2.5
 0.8s 0.30nm
 PV10 125.47 49 ePKP 41 55.20 0.0
 BMA 146.14 203 ePKP 42 35.60 2.2
 YJA 148.66 167 ePKPd 42 40.00 2.0
 CNCB 153.00 159 PKP 42 43.20 -1.5
 LPB 153.22 158 ePKP 42 34.00 -10.8X
 ZOBO 153.43 158 PKPc 42 46.00 0.6
 S.D. = 1.4 on 50 of 55 obs.
 * DEC 16, 1992 17h 56m 01.88±2.32s
 35.751 N ±25.5km 70.791 E ±10.1km
 DEPTH = 137.9 ±36.6 km
 4.5mb (2 obs.)
 HINDU KUSH REGION, AFGHANISTAN (718)
 QUE 6.42 211 eP 57 35.40 0.0
 eS 59 15.00
 MAIO 9.17 277 iPc 58 12.30 0.0
 eS 59 51.00
 GKN 14.06 119 P 59 16.00 -0.2
 DMN 14.63 120 P 59 24.28 0.7
 0.3s 12.00nm 4.6mb
 KKN 14.65 119 P 59 23.20 -0.5
 PKI 14.87 119 P 59 26.74 0.1
 0.3s 7.00nm 4.4mb
 GUN 15.01 117 P 59 28.30 -0.1
 YKA 82.00 3 eP 08 07.10 0.0
 0.5s 0.20nm 3.1mb X
 S.D. = 0.5 on 8 of 8 obs.
 ? DEC 16, 1992 19h 01m 55.30±4.41s
 13.984 N ±48.3km 94.134 W ±14.3km
 DEPTH = 33.0km (normal)
 4.1mb (1 obs.)
 OFF COAST OF CHIAPAS, MEXICO (68)
 TPX 2.03 63 eP 02 28.00 0.1
 iS 02 46.50
 SCX 3.09 28 iP 02 42.50 -0.4
 iS 03 15.00
 EVV 4.60 345 eP 03 08.00 3.7X
 (S) 03 56.50
 IISM 5.87 328 (P) 03 24.00 1.7
 (S) 04 25.00

PPM 6.64 320 iP 03 32.00 -1.6
 YKA 50.59 348 eP 10 52.90 0.2
 0.6s 1.40nm 4.1mb
 S.D. = 1.7 on 5 of 6 obs.
 ? DEC 16, 1992 19h 44m 28.70±0.87s
 8.821 S ±11.3km 122.038 E ±12.7km
 DEPTH = 33.0km (normal)
 4.2mb (1 obs.)
 FLORES REGION, INDONESIA (286)
 MKS 4.39 324 iPc 45 35.00 0.1
 KNA 9.52 137 eP 46 55.00 8.4X
 eS 48 33.00
 MTN 9.78 115 iPc 46 49.60 -0.7
 eS 48 41.00
 ASPA 18.62 144 eP 48 46.90 1.1
 0.8s 13.30nm 4.2mb
 eS 52 08.70
 MRWA 21.07 195 eP 49 12.00 -0.5
 BAL 22.24 192 eP 49 24.00 -0.2
 KLB 23.00 189 eP 49 32.00 0.2
 S.D. = 0.8 on 6 of 7 obs.
 % DEC 16, 1992 19h 51m 51.10±0.66s
 43.701 N ±6.3km 11.863 E ±5.9km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 CRE 0.10 138 Pd 51 53.70 -0.2
 eSg 51 57.40
 PGD 0.20 330 Pc 51 55.40 -0.2
 eSg 51 58.60
 SFI 0.22 358 Pc 51 55.30 -0.5
 eSg 51 59.00
 RSM 0.48 62 P 52 01.60 0.7
 eSg 52 08.20
 ARV 0.81 104 P 52 07.00 0.2
 eSg 52 19.70
 ASS 0.86 137 P 52 07.20 -0.5
 eSg 52 20.90
 PII 0.97 272 P 52 10.10 0.6
 eSg 52 22.20
 S.D. = 0.6 on 7 of 7 obs.
 % DEC 16, 1992 21h 15m 37.67±0.83s
 32.438 S ±8.6km 66.848 W ±7.8km
 DEPTH = 33.0km (normal)
 SAN LUIS PROVINCE, ARGENTINA (140)
 MRA 0.96 89 iPd 15 55.40 0.5
 CFA 1.44 305 ePd 16 00.40 -1.4
 S 16 19.10
 MDZ 1.75 255 iP 16 07.50 1.3
 iS 16 29.50
 RTLL 1.77 308 iPc 16 06.50 0.0
 RTCB 1.91 299 iPc 16 09.60 1.0
 RTPR 2.15 8 e(P) 16 11.80 -0.1
 RFA 2.69 210 iPc 16 18.50 -1.1
 (S) 16 58.00
 CYA 4.08 13 e(P) 16 39.10 -0.3
 S.D. = 1.1 on 8 of 8 obs.
 % DEC 16, 1992 21h 57m 34.95±0.56s
 43.692 N ±5.9km 11.858 E ±4.8km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 CRE 0.09 133 Pd 57 37.80 0.1
 eSg 57 39.80
 PGD 0.21 332 Pd 57 39.40 -0.2
 eSg 57 43.10
 SFI 0.23 359 Pd 57 39.50 -0.4
 eSg 57 43.00
 RSM 0.49 61 P 57 45.50 0.6
 ARV 0.81 103 P 57 50.40 -0.3
 eSg 58 03.50
 ASS 0.85 136 P 57 51.20 -0.2
 eSg 58 05.20
 PII 0.97 272 P 57 53.60 0.3
 MME 0.98 301 P 57 53.70 0.1
 S.D. = 0.4 on 8 of 8 obs.
 & DEC 16, 1992 22h 31m 40.30s
 34.990 N 116.950 W
 DEPTH = 5.1km
 SOUTHERN CALIFORNIA (43)

<PAS> ML 3.4 (PAS), 3.0 (G...)
 GSC 0.33 21 iPd 31 46.60 -0.4
 SSK 0.99 218 ePd 31 58.49 -1.2
 S 32 11.70
 PEC 1.11 189 iPd 32 00.56 -1.0
 eS 32 15.65
 ISA 1.42 299 ePn 32 05.17 -1.6
 S 32 24.29
 PLM 1.63 177 eP 32 08.90 -1.1
 TPNV 2.04 16 ePn 32 14.97 -0.8
 BCH 2.58 275 ePn 32 21.51 -2.0
 GLA 2.62 137 ePn 32 22.63 -1.3
 Lg 33 05.14
 MRCM 2.96 335 (P) 32 28.02 -1.0
 TNP 3.09 356 ePn 32 29.71 -1.2
 BONR 3.15 340 ePn 32 31.70 -0.1
 ePg 32 39.54
 ARUT 3.98 44 ePn 32 41.92 -1.5
 ePg 32 52.81
 CMB 4.11 319 ePn 32 44.60 -0.6
 ePg 32 53.78
 eS 33 43.52
 MSU 5.20 46 ePn 32 59.68 -1.2
 ePg 33 15.14
 14 obs. associated
 % DEC 16, 1992 22h 57m 54.34±1.05s
 37.130 N ±11.9km 4.389 W ±7.5km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 ECOG 0.67 77 eP 58 09.00 1.2
 eS 58 22.00
 EPRU 0.69 257 eP 58 09.00 0.9
 eS 58 17.00
 EGUA 0.72 114 eP 58 07.30 -1.3
 eS 58 19.00
 EHOR 0.97 316 eP 58 11.70 -1.1
 eS 58 23.70
 EBAN 1.14 25 eP 58 15.90 0.2
 eS 58 32.80
 S.D. = 1.6 on 5 of 5 obs.
 * DEC 16, 1992 22h 58m 18.90±0.96s
 51.426 N ±8.1km 6.552 E ±14.6km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 WTS 0.59 16 ePg 58 31.00 0.1
 0.5s 24.00nm
 ABH 1.67 157 ePn 58 47.35 -1.0
 SNF 1.70 238 iP 58 48.20 -0.5
 iS 59 09.30
 RUP 1.76 169 ePn 58 49.91 0.3
 WLF 1.78 188 P 58 51.00 1.1
 i 59 14.00
 S.D. = 1.1 on 5 of 5 obs.
 % DEC 16, 1992 22h 59m 26.96±0.61s
 37.090 N ±7.4km 4.451 W ±4.8km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 2.7 (MDD).
 EPRU 0.64 259 ePg 59 40.31 0.5
 eSg 59 49.70
 ECOG 0.73 75 ePg 59 41.75 0.4
 EGUA 0.75 110 eP 59 41.30 -0.4
 eS 59 52.00
 EHOR 0.97 319 ePg 59 44.86 -0.5
 eSg 59 57.60
 EJIF 1.04 232 ePg 59 46.35 -0.2
 eSg 00 03.00
 EBAN 1.20 26 iPnc 59 49.37 0.1
 eSn 00 05.10
 EHUE 1.65 63 ePn 59 56.20 0.1
 eSn 00 16.10
 S.D. = 0.5 on 7 of 7 obs.
 % DEC 16, 1992 23h 15m 36.50±0.80s
 37.142 N ±7.8km 4.488 W ±5.7km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 3.3 (MDD).
 ELUO 0.45 23 ePg 15 45.72 0.0

16d 23h

EPRU	0.62	254	ePg	15	51.60	
			eSg	15	49.49	0.5
ECOG	0.75	79	ePg	15	59.70	
			eSg	15	52.25	1.0
EGUA	0.80	112	ePg	16	02.30	
			eSg	15	51.22	-0.8
EHOR	0.91	319	ePg	16	03.30	
			eSg	15	53.35	-0.5
EBAN	1.16	28	iPnc	16	06.50	
			eSg	15	58.39	0.2
EHUE	1.65	65	ePn	16	13.50	
			eSg	16	05.41	-0.3
			eSn	16	28.10	

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

DEC 16, 1992 23h 21m 35.68 ± 0.97s
 6.595 N ± 5.9km 126.904 E ± 11.1km
 DEPTH = 65.7 ± 9.2 km
 4.8mb (4 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

BIP	1.74	338	iPc	22	04.50	0.2
			iS	22	25.00	
TNE	5.77	176	eP	23	00.50	-0.3
KNA	22.28	175	iPd	26	29.40	0.7
ASPA	30.84	167	iPd	27	47.10	-0.8
	0.3s	6.60nm				4.8mb
MRWA	37.12	196	eP	28	42.50	0.7
FORT	37.18	178	eP	28	42.00	-0.2
	0.5s	13.00nm				5.1mb
MUN	39.69	194	eP	29	03.70	0.5
STK	40.75	161	iPd	29	11.10	-0.8
GUN	44.24	304	P	29	40.88	0.0
PKI	44.51	303	P	29	43.06	-0.1
KKN	44.70	303	P	29	43.44	-1.0
	0.8s	15.00nm				4.9mb
DMN	44.78	303	P	29	45.02	-0.1
GKN	45.30	303	P	29	48.46	-0.7
GBA	49.12	282	P	30	20.00	1.0
IMA	79.71	24	eP	33	37.77	0.0
SLKM	80.79	30	(P)	33	44.02	0.6
YKA	96.83	24	eP	35	00.50	0.1
	0.6s	0.70nm				4.4mb

S.D. = 0.7 on 17 of 17 obs.

% DEC 16, 1992 23h 33m 49.36 ± 0.81s
 37.138 N ± 7.7km 4.488 W ± 5.8km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)

mbLg 2.9 (MDD).

ELUO	0.46	23	iPg	33	58.65	0.0
			eSg	34	06.80	
EPRU	0.62	254	ePg	34	02.23	0.4
ECOG	0.75	79	ePg	34	04.60	0.5
			eSg	34	15.50	
EGUA	0.80	112	ePg	34	04.32	-0.6
			eSg	34	16.40	
EHOR	0.91	319	ePg	34	06.30	-0.5
			eSg	34	19.30	
EBAN	1.17	28	iPg	34	11.38	0.2
			eSg	34	26.60	

S.D. = 0.6 on 6 of 6 obs.

% DEC 16, 1992 23h 35m 00.99 ± 1.00s
 37.208 N ± 9.9km 4.501 W ± 6.9km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)

mbLg 2.8 (MDD).

ELUO	0.40	28	ePg	35	09.00	-0.2
			eSg	35	16.00	
EPRU	0.63	248	ePg	35	13.50	-0.2
			eSg	35	22.20	
ECOG	0.75	84	ePg	35	16.00	0.3
			eSg	35	27.00	
EHOR	0.85	316	ePg	35	17.80	0.4
			eSg	35	29.50	
EBAN	1.11	31	ePg	35	21.60	-0.2
			eSg	35	37.50	

S.D. = 0.4 on 5 of 5 obs.

% DEC 16, 1992 23h 41m 01.01 ± 0.65s
 37.176 N ± 7.2km 4.480 W ± 5.7km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)

mbLg 2.5 (MDD).

ELUO	0.42	24	ePg	41	09.32	-0.3
			eSg	41	16.20	
EPRU	0.64	251	ePg	41	13.97	0.2
			eSg	41	23.20	
ECOG	0.74	82	ePg	41	15.72	0.2
			eSg	41	27.80	
EHOR	0.89	317	ePg	41	17.97	-0.1
			eSg	41	29.80	
EJIF	1.07	228	ePg	41	21.13	-0.1
			eSg	41	37.20	
EBAN	1.13	29	iPg	41	22.66	0.5
			eSg	41	38.40	
EHUE	1.63	66	ePn	41	29.57	-0.4
			eSn	41	51.30	

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

? DEC 16, 1992 23h 49m 31.39 ± 0.95s
 6.805 N ± 21.1km 72.996 W ± 20.0km
 DEPTH = 176.5 ± 12.5 km
 4.1mb (1 obs.)

NORTHERN COLOMBIA (99)

BMG	0.28	343	eP	49	56.00	-0.6
BOG	2.41	206	iP	50	14.00	0.3
			iS	50	44.50	
SDV	3.12	48	iPnc	50	22.90	0.8
			iSn	51	01.30	
TOV	4.34	47	iPnc	50	38.00	0.5
			iSn	51	28.00	
MORO	6.14	49	iPc	50	57.20	-3.9X
OLLA	6.91	62	iPc	51	10.30	-1.0
YKA	63.32	340	eP	59	43.30	-0.1
	0.4s	1.10nm				4.1mb

S.D. = 1.1 on 6 of 7 obs.

% DEC 17, 1992 00h 14m 10.05 ± 0.62s
 37.121 N ± 7.5km 4.456 W ± 5.0km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)

mbLg 3.0 (MDD).

EPRU	0.64	256	ePg	14	23.04	0.1
			eSg	14	33.00	
ECOG	0.73	77	ePg	14	24.70	0.3
			eSg	14	33.10	
EGUA	0.77	112	ePg	14	24.29	-0.8
			eSg	14	36.60	
EHOR	0.94	318	ePg	14	27.36	-0.6
			eSg	14	40.50	
EJIF	1.05	231	ePg	14	30.22	0.3
			eSg	14	45.80	
EBAN	1.17	27	iPg	14	32.18	0.3
			eSg	14	47.30	
EHUE	1.64	64	ePn	14	39.43	0.4
			eSn	15	02.30	
PAB	2.42	2	eSg	14	57.00	6.6X
			eSg	15	25.50	

S.D. = 0.6 on 7 of 8 obs.

DEC 17, 1992 00h 24m 53.57 ± 1.06s
 38.666 S ± 7.1km 175.556 E ± 6.0km
 DEPTH = 188.9 ± 10.9 km

NORTH ISLAND, NEW ZEALAND (159)

NGZ	0.51	176	P	25	19.30	-0.4
CNZ	0.53	181	P	25	19.50	-0.2
MOZ	0.61	285	Pc	25	20.30	0.2
			S	25	37.70	
BSZ	1.23	203	Pc	25	24.90	0.7
URZ	1.29	72	P	25	23.70	-0.9
			S	25	42.80	
TEHZ	1.64	144	P	25	28.10	0.1
MAHZ	1.89	107	P	25	31.00	0.6
NOZ	1.94	89	P	25	31.30	0.3
MNG	1.95	182	Pc	25	31.10	0.0
			S	25	55.20	
PGZ	2.03	164	P	25	32.00	0.1
PUZ	2.20	75	P	25	33.60	-0.3
			S	26	00.30	
KIW	2.25	193	P	25	34.30	0.0
HBZ	2.41	65	P	25	36.50	0.4
CAW	2.47	189	P	25	36.90	0.1
DIW	2.48	210	P	25	37.30	0.4
MTW	2.49	181	P	25	36.70	-0.4
MRW	2.65	194	Pd	25	38.90	0.1
			S	26	09.80	
BLW	2.70	181	P	25	39.20	-0.3

TCW	2.73	201	P	25	39.80	0.0
MOW	2.76	185	Pc	25	39.90	-0.4
QRZ	3.18	226	P	25	45.20	-0.1
			S	26	23.10	
KHZ	4.05	202	P	25	56.20	0.1
			S	26	42.40	
LTZ	4.81	210	P	26	05.70	-0.2

S.D. = 0.4 on 23 of 23 obs.

* DEC 17, 1992 00h 38m 15.08 ± 1.70s
 43.811 N ± 5.8km 113.967 W ± 18.3km
 DEPTH = 5.0km (geophysicist)
 EASTERN IDAHO (457)
 ML 3.1 (BUT).

HAI	1.26	114	eP	38	38.63	-0.5
MCMT	1.29	38	ePn	38	39.60	-0.1
PTI	1.50	128	eP	38	42.30	-0.5
LTMT	1.52	61	ePn	38	43.90	0.7
BGMT	1.98	43	ePn	38	50.70	0.9
HBMT	2.21	26	ePn	38	52.90	-0.2
HVU	2.21	156	eP	38	53.64	0.5
LRM	2.28	28	ePn	38	54.00	-0.2
HRY	3.27	27	ePn	39	07.50	-0.6
BW06	3.38	106	eP	39	16.38	6.5X
DAU	3.95	148	e(P)	39	22.36	4.4X

S.D. = 0.6 on 9 of 11 obs.

DEC 17, 1992 02h 05m 51.57 ± 0.59s
 39.154 N ± 5.4km 28.182 E ± 5.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

MD 3.4 (ISK).

DST	0.57	37	iPg	06	02.80	-0.3
IZM	1.04	224	iPg	06	11.50	0.2
			eSg	06	26.50	
KCT	1.10	7	iPg	06	12.90	0.6
EDC	1.22	348	iPg	06	14.00	-0.2
			iSg	06	30.00	
BNT	1.22	351	iPn	06	14.50	0.3
ALT	1.50	93	iPn	06	19.10	0.4
CIN	1.55	183	eP	06	19.00	-0.3
EZN	1.59	296	iPn	06	19.70	0.0
GBZT	1.90	30	ePn	06	27.00	2.7
GPA	1.99	55	ePn	06	25.00	-0.7
ISK	2.02	19	iPn	06	25.50	-0.6
EYL	2.07	47	ePn	06	26.00	-0.9
ALN	2.39	317	eP	06	31.42	0.0
			eS	07	07.58	
DMK	2.68	353	ePn	06	34.00	-1.6
SRS	4.03	301	eP	06	55.58	1.0
KNT	4.52	298	eP	07	00.86	-0.7

S.D. = 1.0 on 16 of 16 obs.

? DEC 17, 1992 02h 07m 41.38 ±

BAO 21.38 58 e(P) 32 38.00 0.3
 BDF 21.43 59 e(P) 32 38.00 -0.1
 e 32 39.50
 e 32 45.10
 e 32 47.00
 S.D. = 0.9 on 10 of 11 obs.

* DEC 17, 1992 04h 01m 17.57± 1.01s
 34.756 N ± 11.9km 97.600 W ± 7.3km
 DEPTH = 5.0km (geophysicist)
 OKLAHOMA (499)
 mbLg 2.6 (GS).

FNO 0.53 18 Pg 01 28.00 -0.1
 WMOK 0.97 269 ePd 01 36.53 0.0
 eS 01 50.86
 TUL 1.87 52 Pn 01 51.18 0.6
 Sn 02 15.38
 LNO 1.88 52 Pn 01 50.80 0.3
 Lg 02 15.38
 RLO 2.53 56 Pn 01 59.20 -0.8
 Lg 02 31.28
 MIAR 3.32 92 eP 02 11.23 0.0
 S.D. = 0.6 on 6 of 6 obs.

? DEC 17, 1992 04h 29m 09.03± 1.08s
 43.914 N ± 15.4km 137.302 E ± 25.4km
 DEPTH = 371.6 ± 28.0 km
 4.2mb (3 obs.)
 EASTERN SEA OF JAPAN (223)

MRRJ 3.13 117 eP 30 11.00 -0.5
 ASAJ 3.86 85 P 30 18.10 -0.3
 HOOJ 4.64 107 eP 30 26.60 0.3
 eS 31 26.80
 KUSJ 5.45 96 eP 30 35.20 0.2
 eS 31 41.60
 OFUJ 5.84 144 eP 30 39.40 0.1
 eS 31 49.50
 NIJ 6.79 168 eP 30 50.90 0.8
 MAT 7.40 174 (P) 30 59.00 1.8
 0.6s 4.67nm 3.8mb X
 KAKJ 8.01 163 eP 31 02.00 -2.3
 S 32 31.50
 GUN 43.89 266 P 36 42.00 -0.2
 KKN 44.39 267 P 36 46.00 0.0
 PKI 44.43 266 P 36 46.00 -0.4
 GKN 44.74 267 P 36 48.40 -0.2
 KAF 60.78 330 iP 38 44.60 0.2
 0.4s 3.20nm 4.2mb
 HFS 66.54 333 eP 39 21.80 0.3
 0.3s 1.90nm 4.3mb
 NAO 66.92 335 P 39 24.10 0.2
 0.7s 1.70nm 3.9mb
 S.D. = 0.9 on 15 of 15 obs.

% DEC 17, 1992 04h 50m 27.72± 1.99s
 32.390 S ± 13.0km 71.410 W ± 11.6km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.7 (SAN).

IHA 0.66 197 eP 50 42.00 1.1
 eS 50 51.50
 ROCH 0.67 150 iP+ 50 42.00 0.8
 iS 50 52.49
 JACH 0.75 113 iPd 50 42.99 0.5
 iS 50 54.17
 PEL 0.97 141 iPd 50 46.29 0.1
 iS 50 59.98
 LCCH 1.09 187 iP 50 48.00 -0.2
 iS 51 03.20
 TACH 1.32 163 iP 50 51.24 -0.9
 FCH 1.33 135 eP+ 50 51.66 -0.8
 (S) 51 09.36
 PCH 1.44 149 eP 50 54.34 0.4
 eS 51 12.45
 LNV 1.56 180 iP 50 54.16 -1.4
 eS 51 14.82
 CACH 1.85 159 eP 51 00.45 0.6
 eS 51 25.44
 CFA 2.80 75 ePc 51 13.30 -0.2
 S.D. = 0.9 on 11 of 11 obs.

% DEC 17, 1992 05h 01m 09.12± 0.66s
 37.172 N ± 7.3km 4.482 W ± 5.8km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 mbLg 2.8 (MDD).

ELUO 0.42 24 iPg 01 18.16 0.4
 eSg 01 24.80
 EPRU 0.63 251 iPg 01 21.67 -0.2
 eSg 01 31.90
 ECOG 0.74 82 ePg 01 23.20 -0.5
 eSg 01 35.20
 EHOR 0.89 317 ePg 01 25.81 -0.4
 eSg 01 38.50
 EJIF 1.07 228 ePg 01 29.68 0.4
 eSg 01 43.40
 EBAN 1.13 29 iPg 01 30.54 0.2
 eSg 01 46.40
 EHUE 1.63 66 iPn 01 38.19 0.1
 eSn 02 00.30
 S.D. = 0.4 on 7 of 7 obs.

% DEC 17, 1992 05h 04m 06.84± 0.96s
 37.084 N ± 10.9km 4.446 W ± 6.5km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 EPRU 0.64 260 eP 04 20.30 0.6
 eS 04 30.00
 ECOG 0.73 74 eP 04 21.40 0.2
 eS 04 34.90
 EGUA 0.75 109 eP 04 21.00 -0.5
 eS 04 33.00
 EHOR 0.98 319 eP 04 24.40 -1.0
 eS 04 37.10
 EBAN 1.20 26 iPd 04 29.90 0.7
 S.D. = 1.0 on 5 of 5 obs.

* DEC 17, 1992 05h 04m 57.45± 0.97s
 37.178 N ± 11.4km 20.382 E ± 7.4km
 DEPTH = 10.0km (geophysicist)

IONIAN SEA (399)
 VLS 1.01 9 ePb 05 17.00 0.4
 VLI 2.10 102 ePn 05 33.00 -0.1
 KZN 3.31 19 ePg 06 03.50 13.1X
 SOI 3.55 286 P 05 54.10 0.4
 eSn 06 30.20
 ATN 4.02 286 P 06 01.10 0.6
 eSn 06 41.90
 MEU 4.36 271 P 06 04.80 -0.5
 eSn 06 51.40
 BRT 4.45 327 P 06 05.50 -0.9
 eSn 06 51.10
 S.D. = 0.8 on 6 of 7 obs.

% DEC 17, 1992 05h 08m 56.59± 0.61s
 37.139 N ± 6.1km 4.485 W ± 5.0km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 mbLg 2.5 (MDD).
 ELUO 0.46 22 iPg 09 06.05 0.2
 eSg 09 12.40
 EPRU 0.62 254 ePg 09 09.25 0.1
 eSg 09 18.40
 ECOG 0.75 79 iPg 09 11.34 0.0
 eSg 09 22.50
 EGUA 0.80 112 ePg 09 11.71 -0.4
 eSg 09 22.10
 EHOR 0.91 319 ePg 09 13.46 -0.6
 eSg 09 25.30
 EJIF 1.05 229 ePg 09 16.59 0.3
 eSg 09 31.20
 EBAN 1.16 28 ePg 09 18.71 0.4
 eSg 09 34.10
 S.D. = 0.4 on 7 of 7 obs.

% DEC 17, 1992 05h 11m 03.48± 0.87s
 37.054 N ± 8.3km 4.333 W ± 5.7km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 mbLg 2.5 (MDD).
 ELUO 0.51 6 ePg 11 14.00 0.2
 eSg 11 21.30
 ECOG 0.65 70 ePg 11 16.50 -0.1
 eSg 11 25.40
 EGUA 0.65 109 iPg 11 17.00 0.5
 eSg 11 26.50

EPRU 0.72 263 ePg 11 17.90 0.1
 eSg 11 26.80
 EHOR 1.06 317 ePg 11 23.00 -0.4
 EBAN 1.19 21 ePg 11 26.50 0.8
 eSg 11 42.50
 EHUE 1.58 61 ePn 11 30.50 -1.2
 eSn 11 51.40
 S.D. = 0.8 on 7 of 7 obs.

* DEC 17, 1992 05h 18m 21.35± 0.68s
 42.168 N ± 9.5km 145.243 E ± 10.2km
 DEPTH = 33.0km (normal)
 4.4mb (8 obs.)
 HOKKAIDO, JAPAN REGION (224)

KUSJ 1.01 337 P 18 38.10 -1.1
 eS 18 50.50
 HOOJ 1.47 279 P 18 48.00 2.3
 eS 19 09.80
 ASAJ 2.72 317 P 19 04.90 1.2
 MRRJ 3.11 276 eP 19 12.10 3.0X
 eS 19 52.10
 OFUJ 4.11 223 P 19 23.20 -0.2
 eS 20 10.00
 MAT 7.82 226 eP 20 15.00 -0.8
 0.9s 9.24nm 4.9mb
 IMA 40.77 33 eP 26 01.70 1.0
 0.7s 10.30nm 4.7mb
 PMS 42.59 40 eP 26 16.10 0.6
 0.4s 4.20nm 4.5mb
 FBA 43.20 35 eP 26 21.90 1.5
 BALM 46.09 40 (P) 26 45.00 1.3
 RES 56.88 16 ePd 28 04.40 -0.3
 0.5s 2.00nm 4.4mb
 YKA 57.89 33 eP 28 10.80 -1.2
 0.5s 1.30nm 4.2mb
 WRA 62.61 192 P 28 45.30 0.7
 0.6s 0.30nm 3.6mb
 KAF 65.09 333 eP 28 59.60 -0.8
 NUR 66.80 332 eP 29 10.10 -1.2
 HFS 70.60 337 eP 29 33.30 -1.5
 0.5s 2.10nm 4.4mb
 Z 15s 43.00um 6.8ms2X
 LR 59 10.00
 NAO 70.85 338 P 29 35.00 -1.4
 0.7s 1.90nm 4.3mb
 SIV 145.49 49 PKP 38 04.00 6.1X
 S.D. = 1.3 on 16 of 18 obs.

* DEC 17, 1992 05h 43m 08.97± 1.02s
 51.598 N ± 7.4km 6.809 E ± 15.4km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)

WTS 0.40 0 ePg 43 17.00 -0.1
 0.7s 28.00nm
 ENN 1.00 214 ePg 43 27.00 -0.9
 0.4s 14.00nm
 eSg 43 41.00
 ABH 1.78 164 ePn 43 39.27 -0.8
 RUP 1.91 175 ePn 43 43.03 1.2
 SNF 1.93 237 iP 43 42.70 0.6
 DOU 2.06 224 iP 43 48.80 4.8X
 iS 44 11.50
 S.D. = 1.3 on 5 of 6 obs.

? DEC 17, 1992 06h 13m 24.54± 5.52s
 38.577 S ± 27.8km 175.204 E ± 22.1km
 DEPTH = 268.4 ± 43.0 km
 NORTH ISLAND, NEW ZEALAND (159)

MOZ 0.32 283 P 13 59.30 0.1
 eS 14 22.60
 NGZ 0.67 153 P 14 00.30 0.0
 CNZ 0.68 157 P 14 00.30 0.0
 BSZ 1.24 190 P 14 03.30 0.2
 URZ 1.53 79 eP 14 04.20 -0.9X
 S 14 29.90
 MNG 2.05 174 Pc 14 09.30 0.0
 S 14 38.70
 KIW 2.30 186 P 14 11.40 -0.1
 DIW 2.43 204 P 14 13.00 0.2
 CAW 2.53 182 P 14 13.90 0.1
 MTW 2.59 175 P 14 14.00 -0.3
 MRW 2.68 188 P 14 15.20 0.0
 S 14 50.00
 TCW 2.73 195 P 14 16.10 0.4

17d 06h

MOW 2.84 179 eP 14 16.50 -0.4
 ORZ 3.05 222 P 14 18.80 -0.3
 THZ 3.64 208 eP 14 25.30 -0.3
 KHZ 4.04 198 P 14 30.60 0.6
 S 15 17.60
 DSZ 4.10 218 eP 14 30.40 -0.4
 LTZ 4.76 207 eP 14 38.90 0.4
 MQZ 5.48 200 eP 14 46.40 -0.7X
 eS 15 46.60

S.D. = 0.3 on 17 of 19 obs.

DEC 17, 1992 07h 18m 04.27±0.75s
 34.744 N ± 9.9km 97.581 W ± 4.7km
 DEPTH = 5.0km (geophysicist)

OKLAHOMA (499)
 mbLg 3.6 (GS), 3.5 (TUL). Felt
 (IV) at Lindsay and (III) at
 Elmore City. Felt in southern
 McClain and northern Garvin
 Counties.

FNO 0.53 16 Pg 18 15.50 0.6
 WMOK 0.99 270 ePd 18 24.00 0.5
 SIO 1.44 46 Pg 18 30.10 -1.0
 Lg 18 50.48
 VVO 1.62 68 Pb 18 34.25 0.6
 Lg 18 56.60
 TUL 1.87 51 Pn 18 37.10 -0.1
 Lg 19 03.20
 LNO 1.87 51 Pn 18 37.85 0.7
 Lg 19 03.17
 RLO 2.52 55 Pn 18 46.78 0.2
 MIAR 3.31 92 eP 18 58.28 0.5
 OLY 5.06 80 eP 19 21.42 -1.3
 FVM 6.62 59 (P) 19 41.51 -3.1X
 GRT 6.82 75 (P) 19 45.52 -1.9X
 ELC 7.23 67 eP 19 50.46 -2.7X
 ALQ 7.30 274 (P) 19 54.47 0.1
 GOL 7.94 311 eP 20 02.54 -0.9
 RSSD 10.61 334 eP 20 37.86 -2.3X
 PRM 12.59 89 (P) 21 03.28 -3.5X
 ULM 15.55 4 eP 21 43.00 -2.6X
 LRM 15.82 319 eP 21 53.60 4.1X

S.D. = 0.8 on 11 of 18 obs.

? DEC 17, 1992 07h 55m 09.03±4.15s
 40.264 N ± 28.5km 27.868 E ± 24.8km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 3.0 (ISK).

EDC 0.08 358 iPg 55 11.00 -0.5
 BNT 0.10 23 iPg 55 12.20 0.4
 iSg 55 17.20
 CTT 0.98 26 ePn 55 27.30 -0.3
 DMK 1.56 357 ePn 55 37.30 0.5
 EYL 1.77 79 ePn 55 40.00 -0.1

S.D. = 0.6 on 5 of 5 obs.

* DEC 17, 1992 08h 04m 24.05±1.32s
 26.758 S ± 14.5km 177.264 W ± 11.4km
 DEPTH = 222.4 ± 12.1 km
 4.2mb (4 obs.)

SOUTH OF FIJI ISLANDS (171)

RAO 2.55 193 P 05 10.50 0.2
 S 05 55.00
 DZM 15.55 284 iPc 07 53.10 -0.3
 KHZ 17.34 203 eP 08 12.60 -1.1
 eS 11 19.30
 STKA 36.08 252 iPc 11 07.80 1.7
 ASPA 44.08 263 iPd 12 12.30 0.3
 1.1s 17.60nm 4.4mb
 epP 12 53.00 187kmX
 WB2 44.73 268 eP 12 16.40 -0.7
 1.0s 6.90nm 4.0mb
 iPCP 12 57.20
 WRA 44.74 268 P 12 16.90 -0.3
 0.8s 2.10nm 3.6mb
 FORT 47.70 252 eP 12 40.20 -0.1
 COOL 53.53 250 eP 13 24.00 -0.1
 BAL 57.31 249 eP 13 51.00 0.0
 MRWA 58.26 251 eP 13 58.00 0.4
 TNP 85.57 43 ePc 16 39.66 1.1
 0.9s 6.26nm 4.4mb
 BGL 90.00 12 eP 16 57.62 -1.4
 NAO 145.50 353 PKP 23 36.70 0.3

1.0s 13.20nm
 HFS 145.80 350 ePKP 23 36.60 -0.3
 0.5s 1.30nm
 BCAO 153.15 217 ePKPc 23 55.00 5.5X
 0.8s 11.00nm
 ic 24 14.00
 S.D. = 0.9 on 15 of 16 obs.

? DEC 17, 1992 08h 36m 58.08±0.76s
 7.293 N ± 12.0km 76.546 W ± 10.0km
 DEPTH = 33.0km (normal)
 4.2mb (1 obs.)
 NORTHERN COLOMBIA (99)

UPA 3.40 300 iP 37 50.59 0.5
 eS 38 33.04
 BOG 3.62 137 eP 37 54.50 0.9
 ECO 3.73 304 eP 37 56.34 1.5
 iS 38 42.45
 SDV 6.06 74 ePn 38 28.00 0.0
 eSn 39 38.90
 TOV 7.12 69 eP 38 43.50 0.7
 eS 40 02.40
 ZOBO 24.87 160 P 42 19.00 -1.0
 LPB 25.10 161 eP 42 27.00 5.0X
 CNCB 25.40 161 P 42 24.10 -0.9
 SIV 27.75 147 (P) 42 47.00 1.0
 YKA 61.68 341 eP 47 12.30 -2.7
 0.6s 1.10nm 4.2mb
 S.D. = 1.5 on 9 of 10 obs.

DEC 17, 1992 09h 19m 18.83±0.40s
 18.386 N ± 5.5km 105.478 W ± 4.8km
 DEPTH = 33.0km (normal)
 5.1mb (37 obs.) 4.9Msz (13 obs.)

OFF COAST OF JALISCO, MEXICO (54)
 CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 18S, 35C
 Centroid Location:
 Origin Time 09:19:13.6 0.9
 Lat 18.05N 0.08 Lon 105.45W 0.05
 Dep 15.0 FIX Half-duration 1.3
 Moment Tensor: Scale 10**17 Nm
 Mrr= 0.15 0.06 Mtt=-0.61 0.07
 Mff= 0.46 0.08 Mrt= 0.00 0.00
 Mrf= 0.00 0.00 Mtf=-1.37 0.06
 Principal Axes:
 T Vol= 1.39 Plg= 0 Azm=236
 N 0.15 90 180
 P -1.55 0 146
 Best Double Couple: Mo=1.5*10**17
 NP1: Strike=281 Dip=90 Slip=-180
 NP2: 11 90 0

PIM 3.42 91 (P) 20 22.00 10.9X
 AGX 4.58 40 iP 20 29.00 1.4
 MZX 4.87 350 iP 20 27.80 -3.9X
 iS 21 23.00
 ACX 5.57 105 iP 20 43.20 1.6
 III 5.71 89 iP 20 43.20 -0.5
 UNM 6.03 80 eP 20 49.00 0.5
 (S) 22 17.00
 PPM 6.53 83 iPc 20 55.60 0.0
 (S) 22 23.00
 IISM 7.70 84 iP 21 14.00 3.3X
 EVV 9.61 88 (P) 21 33.00 -5.0X
 TUC 14.67 342 eP 22 45.83 0.0
 1.0s 58.37nm 5.0mb
 ALQ 16.51 357 eP 23 11.42 1.6
 1.7s 245.11nm 5.1mb
 GLA 16.84 332 ePc 23 13.52 -0.3
 WMOK 17.34 19 eP 23 18.71 -1.3
 1.1s 149.41nm 5.0mb
 MEO 17.45 19 iPc 23 20.70 -0.6
 PLM 18.06 328 eP 23 28.66 -0.5
 FNO 18.27 22 e(P) 23 33.20 1.7
 OCO 18.49 21 iPc 23 33.60 -0.5
 UYO 18.54 30 iPc 23 33.10 -1.7
 VVO 18.97 25 e(P) 23 41.30 1.3
 ACO 19.08 16 iPc 23 41.00 -0.3
 SIO 19.10 23 eP 23 40.00 -1.6
 SSK 19.16 328 eP 23 42.40 -0.1
 MIAR 19.27 31 iPd 23 41.61 -2.0
 1.1s 31.68nm 4.5mb
 TUL 19.45 24 ePd+ 23 44.10 -1.5
 1.8s 967.30nm 5.8mb

Z 18s 0.87um 4.7Msz
 S 27 23.00
 LR 30 00.00
 Lg 30 01.80
 LNO 19.45 24 ePc 23 43.30 -2.2
 LN02 19.45 24 ePc 23 43.70 -1.9
 LN03 19.45 24 ePc 23 43.80 -1.8
 GSC 19.62 331 ePd 23 46.32 -1.3
 PCO 19.71 21 iPc 23 48.50 0.0
 RLO 19.97 25 ePd 23 49.80 -1.5
 PV10 20.16 352 ePc 23 51.93 -1.6
 PV09 20.29 352 eP 23 53.64 -1.3
 PV08 20.31 353 eP 23 55.03 -0.1
 ISA 20.70 329 iPc 23 58.35 -0.6
 1.4s 104.69nm 5.0mb
 Z 21s 4.68um 4.8Msz
 TPNV 20.78 335 (P) 24 00.45 0.7
 Z 20s 4.92um 4.9Msz
 MSU 20.89 345 eP 24 00.75 -0.2
 OLY 21.09 33 ePc 24 01.36 -1.4
 SRU 21.11 349 ePd 24 02.54 -0.7
 BCH 21.17 325 eP 24 02.75 -1.0
 GOL 21.24 0 eP 24 07.21 2.6
 1.2s 13.77nm 4.2mb
 Z 19s 2.37um 4.6Msz
 GLD 21.29 1 eP 24 06.15 1.1
 1.4s 137.37nm 5.2mb
 Z 21s 8.11um 5.1Msz
 EMUT 21.85 349 eP 24 10.86 0.2
 MTUM 22.11 331 eP 24 13.84 0.6
 TNP 22.14 335 eP 24 13.22 -0.4
 1.3s 89.54nm 5.0mb
 MRCM 22.35 332 ePc 24 16.47 0.9
 BONR 22.49 333 eP 24 19.20 2.1
 i 24 24.80
 DAU 22.51 348 eP 24 17.61 0.3
 DUG 22.64 345 iPd 24 20.71 2.3
 1.3s 47.26nm 4.8mb
 GRT 22.76 35 eP 24 19.72 0.3
 KVN 23.33 335 eP 24 26.71 1.5
 CMB 23.51 329 iPc 24 26.64 -0.2
 1.9s 149.93nm 5.2mb
 Z 22s 3.17um 4.7Msz
 FVM 23.54 31 eP 24 27.65 0.6
 1.1s 69.56nm 5.1mb
 ARN 23.56 327 ePc 24 27.64 0.3
 COE 23.57 326 eP 24 26.73 -0.6
 ELC 23.62 34 eP 24 28.14 0.4
 HVU 24.14 347 eP 24 33.34 0.4
 HMR 24.31 327 eP 24 37.43 3.0X
 BW06 24.56 353 eP 24 38.39 1.2
 2.1s 118.78nm 5.1mb
 NTYM 24.93 327 eP 24 41.57 1.1
 PTI 25.10 348 eP 24 44.81 2.6
 ORV 25.25 330 eP 24 42.51 -1.0
 HHAI 25.51 348 eP 24 46.61 0.6
 RSSD 25.69 2 eP 24 47.65 -0.1
 1.3s 31.20nm 4.7mb
 Z 22s 5.63um 5.0Msz
 PRM 25.88 48 ePd 24 50.13 0.7
 WDC 26.55 330 P 25 10.00 14.5X
 Z 20s 2.99um 4.8Msz
 JSC 26.76 49 eP 24 58.00 0.5
 HBF 26.77 52 eP 24 58.79 1.2
 SGS 26.79 52 eP 24 57.80 0.0
 LBFM 26.85 332 (P) 25 00.74 2.2
 LHS 27.19 49 eP 25 00.69 -0.7
 LRM 27.96 350 ePc 25 08.80 0.1
 NAV 28.70 44 eP 25 15.11 0.0
 BLA 28.89 44 eP 25 16.92 0.1
 1.3s 67.10nm 5.2mb
 CEH 29.11 48 eP 25 18.84 0.1
 1.4s 81.55nm 5.2mb
 WAH2 30.58 341 P 25 34.99 3.3X
 CVL 30.61 45 eP 25 30.76 -1.4
 ASR 30.73 338 P 25 34.00 0.8
 NEW 31.27 345 eP 25 36.70 -1.2
 1.3s 133.76nm 5.6mb
 LON 31.32 338 eP 25 37.16 -1.2
 SAW 31.38 342 P 25 39.82 1.0
 FMW 31.43 338 P 25 38.19 -1.3
 CBN 31.46 45 iPc 25 40.10 0.5
 1.3s 65.00nm 5.3mb
 WTV 31.54 341 P 25 40.04 -0.2
 SES 32.24 353 eP 25 46.00 -0.3
 1.6s 209.00nm 5.8mb
 GMW 32.35 338 eP 25 45.42 -1.9

JCW 32.61 339 P 25 48.42 -1.1
 ULM 32.71 11 eP 25 50.50 0.2
 LVNJ 34.53 43 eP 26 05.67 -0.6
 GMTN 34.95 43 iP 26 09.70 -0.1
 PNJ 34.98 43 iP 26 10.82 0.8
 TBR 35.06 43 iPd 26 10.89 0.2
 SDV 35.09 101 eP 26 12.10 0.5
 EEO 35.59 32 eP 26 19.00 3.8X
 TOV 35.59 99 eP 26 17.70 2.0
 RSNY 36.73 38 iPc 26 24.50 -0.3
 Z 1.0s 20.16nm 5.0mb
 Z 20s 2.59um 5.0msz
 FCC 41.17 9 eP 27 05.00 3.5X
 NNA 41.34 135 eP 27 13.00 9.5X
 Z 1.1s 18.99nm 4.7mb
 Z 20s 1.42um 4.8msz
 CBM 41.79 39 eP 27 07.51 0.7
 Z 1.1s 37.60nm 5.0mb
 Z 19s 2.30um 5.1msz
 LMN 43.31 42 eP 27 25.50 6.2X
 YKA 44.52 354 eP 27 27.20 -1.6
 Z 1.3s 16.60nm 4.7mb
 ZOBO 50.39 131 P 28 14.80 -1.2
 Z 1.2s 33.11nm 5.2mb
 Z 1.2s LR 42 44.00
 LPB 50.57 131 P 28 16.80 -0.4
 Z 1.1s 81.01nm 5.6mb
 Z 20s 2.13um 5.2msz
 Z 1.2s LR 42 48.00
 CNCB 50.84 131 P 28 18.00 -1.4
 TOA 52.03 337 eP 28 26.80 -0.4
 CCH 52.54 130 P 28 30.00 -1.9
 SLKM 52.69 334 eP 28 31.75 -0.4
 PMR 52.85 336 eP 28 31.69 -1.6
 Z 0.7s 21.04nm 5.2mb
 Z 21s 0.79um 4.7msz
 CRP 53.89 334 eP 28 42.27 1.1
 BGL 53.99 334 eP 28 41.75 0.8
 FBA 54.33 339 iP 28 43.40 -0.8
 Z 1.1s 1.26nm 3.9mb X
 SVV 55.28 333 eP 28 49.50 -1.7
 SIV 55.48 125 P 28 55.60 2.4
 YJA 56.16 134 ePd 28 57.00 -1.5
 TTA 56.29 335 iPd 28 57.37 -1.2
 Z 1.2s 31.95nm 5.2mb
 RES 56.61 3 eP 29 00.50 0.0
 Z 1.0s 8.00nm 4.7mb
 IMA 57.01 339 (P) 29 03.50 -0.2
 Z 2.1s 37.73nm 5.1mb
 ANM 60.76 335 (P) 29 31.89 2.4
 BAO 65.93 117 Pd 30 03.10 -1.3
 e 30 04.80
 e 30 08.00
 e 30 12.00
 e 30 22.90
 e 30 41.80
 BDF 66.02 117 e(P) 30 02.00 -3.0
 e 30 04.00
 e 30 05.10
 e 30 09.60
 e 30 15.10
 e 30 42.00
 VAO 70.41 123 eP 30 31.80 -0.4
 DAG 71.48 14 iPc 30 36.80 -0.9
 Z 1.2s 57.81nm 5.5mb
 Z 16s 2.29um 5.5msz X
 GRR 85.76 40 eP 32 01.10 5.1X
 Z 0.9s 7.20nm 4.9mb
 LPF 85.79 41 eP 32 01.80 5.7X
 Z 1.2s 27.35nm 5.4mb
 FLN 85.84 40 eP 31 59.00 2.6
 Z 0.9s 9.65nm 5.0mb
 Z 21s 1.05um 5.2msz
 LDF 86.13 40 eP 32 00.60 2.7
 Z 1.3s 24.20nm 5.3mb
 GUD 86.47 48 eP 32 02.50 2.6
 PAB 86.73 49 eP 32 02.50 1.4
 e 42 48.00
 EVIA 88.40 50 eP 32 08.50 -0.7
 MAF 88.77 41 eP 32 13.50 2.8
 Z 1.3s 20.20nm 5.3mb
 YAK 88.81 337 eP 32 12.00 1.5
 Z 1.7s 83.00nm 5.8mb
 GEC2 94.04 35 P 32 35.70 0.5
 Z 1.2s 1.90nm 4.4mb
 GEC2 94.04 35 PKP 32 39.60 4.4X
 GEC2 94.04 35 PKP 32 50.50 15.3X

ZST 96.26 35 eP 32 45.70 0.5
 PTJ 96.98 37 eP 32 49.10 0.5
 SRO 97.15 34 eP 32 53.00 3.8X
 WB2 123.73 258 ePKP 38 24.10 8.5X
 Z 0.6s 4.60nm
 WRA 123.74 258 PKP 38 15.20 -0.4
 Z 0.9s 0.50nm
 HYB 144.20 353 ePKP 38 52.00 -1.9
 IPM 145.31 309 ePKPd 38 54.80 -1.1
 Z 1.0s 28.40nm
 GBA 148.08 355 PKP 39 02.50 2.3
 KOD 151.42 354 ePKP 39 11.20 5.4X
 S.D. = 1.3 on 124 of 142 obs.

* DEC 17, 1992 10h 07m 47.35 ± 0.70s
 45.082 N ± 8.3km 141.988 E ± 13.9km
 DEPTH = 33.0km (normal)
 4.2mb (7 obs.)

HOKKAIDO, JAPAN REGION (224)

ASAJ 1.07 154 iP+ 08 05.10 -1.0
 SAP 2.08 193 eP 08 19.00 -1.5
 MRRJ 2.74 194 iPd 08 29.30 -0.6
 KUSJ 2.79 134 eP 08 32.00 1.4
 HOOJ 2.86 160 eP 08 31.30 -0.3
 MAT 9.00 200 eP 10 00.00 2.0
 Z 0.7s 6.85nm 4.9mb
 BJI 19.63 264 eP 12 16.50 0.5
 Z 1.0s 13.00nm 4.2mb
 IMA 39.69 35 eP 15 16.59 -1.2
 Z 0.9s 3.14nm 4.1mb
 FBA 42.22 37 eP 15 37.52 -0.8
 Z 1.1s 5.99nm 4.2mb
 YKA 56.72 33 eP 17 27.30 -2.4
 Z 0.7s 1.70nm 4.2mb
 WRA 65.08 188 P 18 25.80 -0.9
 Z 1.1s 0.60nm 3.6mb
 SES 65.80 42 eP 18 29.00 -2.2
 HVU 70.78 50 (P) 19 03.80 1.3
 TNP 70.81 55 eP 19 04.50 1.8
 BW06 71.80 47 eP 19 08.72 0.1
 Z 0.8s 1.96nm 4.2mb
 ULM 72.59 35 eP 19 15.50 2.6
 PV10 75.21 50 eP 19 29.61 1.0
 SIV 145.10 41 ePKP 27 27.00 3.8X
 S.D. = 1.6 on 17 of 18 obs.

DEC 17, 1992 10h 39m 28.98 ± 0.14s
 25.901 N ± 3.2km 61.441 E ± 1.7km
 DEPTH = 33.0km (normal)
 5.8mb (132 obs.) 5.3msz (55 obs.)

SOUTHERN IRAN (353)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 17S, 35C

Centroid Location:

Origin Time 10:39:32.5 0.3

Lat 25.68N 0.04 Lon 61.43E 0.03

Dep 37.0 BDY Half-duration 1.7

Moment Tensor: Scale 10¹⁷ Nm

Mrr=-2.56 0.09 Mtt=0.57 0.17

Mff=-3.13 0.13 Mrt=2.71 0.19

Mrf=0.80 0.25 Mtf=2.04 0.11

Principal Axes:

T Val= 4.88 Plg=51 Azm=339

N -0.83 39 151

P -4.06 4 244

Best Double Couple: Mo=4.5*10¹⁷

NP1: Strike= 8 Dip=54 Slip= 142

NP2: 123 60 43

QUE 6.48 47 Pc+ 41 05.20 0.5

eS 42 17.30

SHI 8.73 297 iPc 41 31.00 -5.2X

DHR 10.17 275 iPd 41 52.00 -3.7X

MAIO 10.50 351 iPc 41 59.00 -1.4

Z 1.1s 58.89nm 5.7mb

eS 55 51.00

ASH 12.30 348 eP 42 24.00 -0.6

Z 1.5s 240.00nm 6.1mb

eS 44 38.00

TEH 13.06 321 eP 42 35.00 0.1

RYD 13.47 268 iPc 42 36.60 -3.7X

eS 44 55.00

POO 13.62 120 eP 42 38.50 -3.8X

KAT 13.96 343 iP+ 42 42.50 -4.0X

eS 45 18.00

NDI 14.30 75 iPd 42 47.30 -3.8X
 Z 0.5s 281.69nm 6.1mb
 eS 45 12.00
 MJMA 14.54 273 iPc 42 51.07 -3.3X
 KER 14.98 308 eP 42 57.50 -2.6
 QASM 16.11 275 iPc 43 11.50 -3.1X
 AFIF 16.65 268 iPc 43 21.60 0.0
 UQSK 17.18 274 iPc 43 26.50 -1.7
 BAK 17.35 329 iPc 43 31.00 0.9
 TAB 17.62 317 e(P) 43 36.00 2.3
 HYB 17.99 115 eP 43 34.00 -4.3X
 Z 1.2s 71.40nm 4.7mb X
 eS 46 50.00
 HYB 17.99 115 iPc 43 51.30 13.0X
 Z 1.4s 1200.00nm
 KSH 18.20 38 Pd 43 40.70 -0.1
 Z 1.0s 600.00nm 5.7mb
 Z 20s 16.20um
 pP 43 46.70
 sP 43 50.70
 PP 43 55.70
 S 46 59.00
 DHJN 18.56 247 iPc 43 42.70 -2.9X
 KMTA 18.85 250 iPc 43 47.57 -1.5
 ABHA 18.91 250 ePd 43 50.00 0.2
 GBA 19.37 126 P 43 53.70 -1.2
 Z 1.0s 47 36.70
 FRU 20.05 29 iPc+ 44 02.00 -0.1
 Z 1.8s 570.00nm 5.6mb
 Z 20s 12.50um 5.3msz
 N 20s 12.50um
 E 20s 11.00um
 eS 47 37.00
 iS 47 42.00
 MAK 20.56 330 eP+ 44 08.50 1.1
 Z 18s 7.50um 5.1msz
 N 18s 3.50um
 E 18s 11.00um
 iS 47 50.00
 eSS 48 05.00
 eSSS 48 22.00
 GKN 20.78 79 P 44 09.52 -0.4
 GKN 20.78 79 P 44 09.80 -0.2
 MTA 20.91 323 iPc+ 44 11.80 0.9
 Z 0.8s 620.00nm 6.1mb
 i 44 32.60 102kmX
 iPPP 44 42.20
 iSS 44 36.80
 DMN 21.20 80 P 44 14.18 -0.1
 Z 1.8s 4663.00nm 6.6mb
 DMN 21.20 80 P 44 14.60 0.3
 KKN 21.35 80 P 44 15.82 0.0
 KKN 21.35 80 P 44 16.20 0.4
 PKI 21.47 80 P 44 17.02 -0.1
 PKI 21.47 80 P 44 17.20 0.1
 PRZ 21.62 36 iPd- 44 19.00 0.6
 iS 48 18.00
 GRO 21.64 328 iPc+ 44 20.00 1.7
 Z 1.0s 930.00nm 6.2mb
 iPP 44 49.00 150kmX
 iS 48 18.00
 KOD 21.75 133 eP 44 20.80 0.8
 eS 48 20.00
 GUN 21.88 79 P 44 22.26 1.0
 Z 0.9s 1515.00nm 6.4mb
 GUN 21.88 79 P 44 22.40 1.1
 WAJH 22.35 276 ePc 44 27.00 1.5
 ARO 22.64 234 iPd 44 30.80 2.3
 TBZ 23.43 315 iP 44 39.00 3.0X
 GAZ 23.44 305 iP 44 38.50 2.3
 PYA 23.45 325 iP 44 38.30 2.1
 Z 1.0s 1700.00nm 6.5mb
 Z 14s 2.50um 4.8msz X
 i 44 52.00 57kmX
 eS 48 52.00
 HRI 23.49 294 eP 44 59.70 2.9X
 HOL 23.61 284 iPc 44 40.20 2.3
 BHL 23.69 296 P 44 40.00 1.3
 S 48 59.00
 YTIR 23.71 289 eP 44 41.90 3.0X
 MBH 23.78 285 eP 44 42.30 2.7
 ZNT 23.90 291 eP 44 44.20 3.6X
 ADAT 24.80 303 eP 44 50.60 1.3
 SOC 24.98 320 iPc+ 44 52.00 1.1
 Z 1.0s 350.00nm 5.9mb
 Z 16s 2.60um 4.8msz X
 N 12s 1.50um

TIR	37.51	305	iPc	46	41.60	0.1
MNK	37.56	327	eP	46	43.00	1.3
LACI	37.68	305	iPc	46	42.20	-0.7
PVY	37.69	307	iPc	46	42.56	-0.6
IVA	37.81	307	iPc	46	43.57	-0.5
SDA	37.92	306	eP	46	45.00	0.1
ULC	38.08	306	iPc	46	45.19	-1.2
TTG	38.17	306	iPc	46	46.20	-0.8
BSI	38.19	116	iPd	46	50.00	2.5
	1.0s	194.10nm				5.9mb
LOE	38.27	95	eP	46	48.50	0.4
PLE	38.27	308	iPc	46	47.99	0.0
NKY	38.44	307	iPc	46	48.93	-0.5
BDV	38.45	306	iPc	46	48.63	-0.8
HCY	38.73	306	iPc	46	51.09	-0.6
BRY	38.78	307	iPc	46	51.89	-0.5
PSZ	39.20	315	iPc	46	56.40	0.7
BRT	39.42	304	P	46	57.75	0.2
	0.7s	375.40nm				6.3mb
SPC	39.42	317	eP	46	57.30	-0.3
MOY	39.43	39	iPc	46	59.80	2.4
	1.3s	180.00nm				5.7mb
BUD	39.62	314	eP	46	59.50	0.4
UZD	39.65	313	iP	46	59.80	0.4
GRI	39.77	303	P	47	02.04	1.5
	1.0s	172.70nm				5.8mb
TDS	39.92	302	Pc	47	03.10	1.4
OJC	40.06	318	eP	47	01.70	-1.0
	0.8s	85.00nm				5.6mb
		i	47	03.30		5kmX
PUL	40.10	336	ePc	47	03.00	0.2
	1.4s	270.00nm				5.8mb
Z	21s	2.80um				5.1Msz
N	21s	1.30um				
E	21s	2.70um				
		i	47	16.00		49kmX
		e	48	36.00		
		i	49	09.00		
		eS	53	00.00		
		e	57	06.00		
SRO	40.18	314	iP	47	04.00	0.9
		i	49	11.00		
ZAK	40.24	41	iPc	47	06.00	1.9
	2.8s	166.00nm				5.3mb
Z	16s	2.90um				5.2MszX
N	20s	2.05um				
E	21s	3.94um				
		e	48	37.00		494kmX
		e	49	02.00		
		eS	53	14.00		
HVAR	40.34	307	iPc	47	05.00	-0.1
		i	47	17.20		45kmX
GYA	40.43	79	iPc	47	05.00	-1.1
	1.2s	30.00nm				4.9mb
Z	20s	2.13um				5.0Msz
N	16s	2.86um				
E	16s	1.53um				
		pP	47	19.00		54kmX
		PP	48	44.00		
		PcP	49	13.00		
		PcS	52	59.00		
		S	53	11.00		
		SS	56	08.00		
ATN	40.47	299	P	47	07.98	1.7
	0.9s	43.50nm				5.2mb
MGR	40.57	302	Pc	47	08.10	1.1
ZST	41.07	315	iP	47	09.90	-1.1
		e	49	03.60		
		e	58	46.00		
		i	59	07.60		
		e	01	57.80		
ZAG	41.20	311	ePc	47	13.20	1.1
PTJ	41.24	311	iP	47	12.80	0.3
SOP	41.28	314	iP	47	13.50	0.8
IRK	41.55	39	eP+	47	15.00	0.1
	2.0s	175.00nm				5.4mb
		e	47	31.00		63km

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		sP	47	30.00				S	54	14.00	DIX	47.14	318 iPC	47	59.80	-0.1	
		PP	48	56.00		WTFA	44.44	312 iPc	47	38.10	HFS	47.22	330 eP	48	00.10	-0.2	
		PcP	49	12.00			1.0s	120.00nm		5.7mb		0.6s	144.90nm		6.1mb		
		S	53	27.00				i	47	53.30	Z	18s	1684.00um		8.1MszX		
		sS	53	44.00				i	48	39.40			LR	09	09.00		
RFI	41.88	304 P	47	19.04	1.3	CLL	44.50	318 iPc	47	39.70	BBS	47.24	312 P	48	00.21	-0.5	
	1.5s	620.50nm			6.1mb		1.3s	240.00nm		5.9mb	LANF	47.26	314 P	47	59.95	-0.9	
MCT	41.89	298 Pc	47	21.70	3.6X	Z	19s	1.50um		4.9Msz	LIBD	47.27	313 P	48	00.36	-0.5	
SDI	42.06	304 Pc	47	19.80	0.6			eS	54	18.00	CALN	47.32	307 P	48	01.00	-0.6	
LWI	42.18	233 iPd	47	33.70	13.0X	MME	44.62	308 P	47	41.04	BJI	47.34	58 eP	48	02.50	0.9	
KSP	42.38	318 iPc	47	22.20	0.5		1.1s	264.20nm		6.0mb		1.6s	300.00nm		6.1mb		
	1.0s	49.00nm			5.2mb	BSD	44.63	324 iPc	47	39.90	Z	20s	3.00um		5.3Msz		
AQU	42.44	305 Pc	47	23.80	1.4		0.5s	240.00nm		6.3mb	N	15s	1.46um				
BTO	42.66	57 IPd	47	25.50	1.2			i	47	52.30			epP	48	15.00	46kmX	
	1.0s	180.00nm			5.8mb	BDI	44.68	307 Pc	47	40.00			ePcP	49	32.50		
E	N 15s	0.96um				PII	44.69	307 P	47	39.30			ePcS	53	28.00		
	E 15s	1.95um				BRN	44.70	319 eP	47	42.00			eS	54	50.00		
		pP	47	36.00	36kmX	SQTA	44.72	312 iPc	47	40.20			esS	55	10.50		
		PP	49	08.00			0.8s	40.00nm		5.3mb			eScS	57	55.00		
		S	53	49.00		OGA	44.78	311 iPc	47	41.40			eSS	58	12.00		
TRI	42.70	310 e(P)	47	24.40	0.0		1.0s	63.00nm		5.4mb	SURF	47.42	308 P	48	02.55	0.1	
		e(PP)	48	56.00		MOTA	44.81	312 iPc	47	40.70	WLS	47.47	313 P	48	01.57	-1.0	
		e	50	08.00		FUR	44.85	313 iPc	47	41.30	EMS	47.48	310 IPd	48	01.90	-0.9	
		e(S)	53	24.00		SAL	44.92	310 P	47	43.00	FRF	47.48	306 iPc	48	02.10	-0.6	
		e	57	20.00		HOF	44.93	316 eP	47	42.80		1.1s	44.20nm		5.4mb		
NUR	42.74	334 iP	47	24.90	0.4	QUIZ	45.05	88 P	47	43.00	CDF	47.52	313 P	48	02.16	-0.9	
	0.5s	71.70nm			5.7mb	N	17s	2.13um			MOF	47.54	312 P	48	02.42	-0.8	
		e	54	08.00				PP	49	30.00	LPG	47.55	309 iPc	48	02.80	-0.7	
		e	57	08.00		APA	45.07	345 iPc	47	42.70		1.2s	185.65nm		6.0mb		
RMP	42.89	304 P	47	26.80	0.7	MOX	45.17	317 iPc	47	44.80	LPL	47.56	309 iPc	48	02.80	-0.8	
ARV	42.92	307 Pc	47	27.10	0.8		2.1s	180.00nm		5.6mb		0.9s	99.25nm		5.8mb		
RBL	42.98	311 Pc	47	26.80	0.0	Z	22s	1.80um		5.0Msz	BNI	47.56	308 Pc	48	02.50	-1.0	
ASS	43.07	306 Pc	47	28.00	0.5	N	20s	1.80um			LMR	47.57	306 iPc	48	02.60	-0.8	
KAF	43.13	337 iP	47	27.90	0.2			1.80um				1.4s	64.05nm		5.4mb		
	0.4s	77.00nm			5.8mb	OSS	45.35	311 iPc	47	46.20	ECH	47.57	313 P	48	02.85	-0.5	
PRU	43.19	316 Pc	47	28.40	0.1	BOB	45.57	308 Pc	47	48.20	LOMF	47.68	311 P	48	03.53	-0.8	
	2.1s	61.50nm			5.0mb	PGF	45.70	305 P	47	48.09	LRG	47.69	306 iPc	48	03.80	-0.4	
	Z 21s	2.50um			5.1Msz	VDL	45.78	311 iPc	47	49.40		1.4s	107.60nm		5.7mb		
	N 20s	1.30um				TMA	46.14	310 iPc	47	51.40	BSF	47.77	312 P	48	03.78	-1.2	
	E 21s	1.60um				LLS	46.15	311 iPc	47	51.80	HKC	48.01	83 P	48	08.00	1.0	
		ePP	49	14.50		COP	46.16	324 iPc	47	53.40	HAU	48.08	312 iPc	48	06.40	-1.0	
		e	54	20.00			0.9s	352.94nm		6.3mb		0.7s	45.65nm		5.6mb		
KBA	43.26	312 iPc	47	29.10	0.0	Z	20s	0.92um		4.7MszX	Z	23s	1.67um		5.0MszX		
	1.0s	45.20nm			5.2mb			eS	54	48.00			48.13	306 ePc	48	07.10	-0.6
		i	47	46.80	71kmX	VAI	46.18	310 Pc	47	51.40	MUD	48.14	324 iPc	48	08.10	0.5	
		i	48	28.70		NRI	46.27	13 iPc+	47	52.80		0.8s	100.00nm		5.9mb		
RSM	43.33	307 P	47	30.90	1.4		0.8s	200.00nm		6.1mb	TIA	48.23	64 Pc	48	09.10	0.5	
IPM	43.41	112 ePc	47	30.00	-0.5	Z	19s	24.00um		6.2Msz		1.2s	100.00nm		5.7mb		
	1.4s	213.40nm			5.7mb	N	19s	5.50um			Z	24s	3.29um		5.2MszX		
		e	47	42.00	43kmX			e	48	04.00	N	20s	6.36um				
GEC2	43.42	315 Pc	47	30.40	0.0			e	49	28.00			pP	48	21.00	43kmX	
	1.2s	51.03nm			5.2mb			ePPP	50	26.00			eS	55	02.00		
		pP	47	33.80	11kmX			iS	54	39.00			sS	55	24.00		
		e	47	42.70		BCAO	46.28	250 IPd	47	54.00	VITF	48.35	313 P	48	08.71	-0.7	
		e	47	45.90			0.9s	90.00nm		5.7mb	WTS	48.41	318 iPc	48	10.80	1.1	
FVI	43.54	311 P	47	31.20	0.0			ic	48	06.10		0.9s	133.00nm		6.0mb		
KHC	43.57	315 iPc	47	31.50	0.0			id	49	00.60	WLF	48.43	314 iPc	48	10.25	0.3	
	1.0s	26.80nm			5.0mb				49	00.60	WIT	48.65	319 ePc	48	12.50	0.9	
	Z 22s	3.60um			5.2Msz	WHN	46.50	72 iPc	47	55.50	GTK1	48.68	343 iPc	48	11.11	-0.5	
	N 22s	1.00um					1.0s	200.00nm		6.0mb	ENN	48.74	316 iPc	48	13.10	0.8	
	E 22s	3.40um				Z	28s	2.96um		5.1MszX		0.8s	66.00nm		5.7mb		
		e	47	40.40	30kmX	N	10s	0.45um			NAO	48.79	330 P	48	11.60	-1.0	
		e	48	18.50		E	12s	0.73um			BOD	48.80	34 iPc	48	12.50	-0.2	
CRE	43.65	307 Pc	47	32.70	0.4			sP	48	12.00		1.5s	241.00nm		6.0mb		
BHG	43.70	313 iPc	47	33.00	0.5	SLE	46.62	312 ePd	47	55.10	KONO	48.94	328 IPd	48	13.50	-0.2	
	0.8s	169.00nm			5.9mb	ZLA	46.65	312 iPc	47	55.50	SSB	49.00	308 P	48	14.53	-0.6	
SFI	43.76	307 Pc	47	34.80	1.8	ORO	46.70	309 P	47	54.90	DOU	49.49	315 Pc	48	18.90	0.8	
BRG	43.81	318 iPc	47	33.70	0.4	SDF	46.73	342 iP	47	56.60			e	48	29.20	35kmX	
	1.8s	52.00nm			5.0mb	KGM	46.73	114 ePd	47	57.00			PcP	49	41.10		
		i	47	50.80	68kmX	MMK	46.76	310 IPd	47	56.00	LBF	49.59	311 iPc	48	18.30	-0.7	
PGD	43.85	307 P	47	35.47	1.5	SAOF	46.85	307 P	47	57.47		1.1s	105.50nm		5.8mb		
HHC	43.85	57 iPc	47	35.60	1.6	CIT	46.92	42 eP	47	59.00	SMF	49.66	310 iPc	48	19.00	-0.5	
	1.4s	300.00nm			5.9mb	SBF	46.93	307 P	47	58.00		0.8s	170.30nm		6.1mb		
	Z 20s	3.24um			5.2Msz	AUTN	46.95	307 P	47	58.68	MOR7	49.67	337 eP	48	18.76	-0.6	
	N 15s	1.27um				FEL	46.96	312 P	47	57.66	LOR	49.69	311 iPc	48	18.90	-0.8	
	E 12s	0.97um				AURF	47.01	307 P	47	58.68		1.0s	65.00nm		5.6mb		
		pP	47	46.00	36kmX	TNS	47.06	316 iPc	47	59.50	Z	23s	2.42um		5.1MszX		
		PP	49	20.00				ePcP	49	31.70	UCC	49.73	316 P+	48	21.00	1.1	
		S	54	07.00		GZH	47.07	82 P	48	00.40	SNF	49.74	315 iPc	48	20.62	0.6	
WET	44.02	315 eP	47	34.80	-0.3			ePP	49	44.90	PLDF	49.77	309 P	48	20.02	-0.4	
FIR	44.17	307 eP	47	37.50	1.2		N 10s	0.57um			NSS	49.85	335 eP	48	19.76	-0.9	
TIY	44.42	62 iPc	47	39.00	0.4	E	10s	0.76um			SSF	49.91	311 iPc	48	20.90	-0.5	
	1.0s	240.00nm			6.0mb			pP	48	12.00		0.8s	87.85nm		5.8mb		
	Z 22s	6.07um			5.5Msz			S	54	51.00	DOMF	49.96	315 P	48	22.26	0.6	
	N 13s	1.00um				TOUF	47.08	307 P	47	59.92	LBL	50.00	308 P	48	21.93	-0.2	
	E 18s	2.19um				DOI	47.12	308 Pc	47	57.90	AVF	50.00	310 iPc	48	21.40	-0.7	
		sP	47	56.00		MVIF	47.14	307 P	47	59.66		1.3s	106.50nm		5.7mb		

17d 10h

NJ2	50.11	69 Pc	48 23.50	0.5	ESY	54.49	322 eP	48 55.00	-0.5	DAG	62.74	345 iPd	49 51.50	-1.2
N	14s	150.00nm		6.1mb		1.1s	149.00nm		5.9mb		0.9s	61.34nm		5.7mb
		eS	55 30.00		EVIA	54.55	300 iPc	48 56.10	-0.2	Z	23s	3.03um		5.4mszX
AGO	50.11	309 P	48 22.86	-0.1	EDR	54.55	323 eP	48 55.50	-0.5	E	24s	2.64um		
PYM	50.18	309 P	48 23.34	-0.3	HTR	54.60	317 ePc	48 55.40	-1.0	DAV	63.69	95 eP	50 00.00	0.2
ESEL	50.28	301 iPc	48 25.00	0.7	EBL	54.71	321 eP	48 56.70	-0.5	MTMJ	64.61	60 P	50 05.00	-0.7
BGF	50.33	310 iPc	48 24.20	-0.4		0.9s	63.00nm		5.6mb	MAT	64.94	60 iPc+	50 06.40	-1.3
	1.1s	93.05nm		5.7mb	EKA	54.74	321 Pd	48 57.10	-0.3		1.7s	115.38nm		5.7mb
MTHF	50.47	305 P	48 25.62	-0.1		1.5s	176.70nm		5.9mb	Z	20s	1.42um		5.2msz
MAF	50.51	310 iPc	48 25.70	-0.3	EDU	54.77	322 eP	48 57.10	-0.5			eS	58 44.00	
	1.2s	83.60nm		5.6mb	HCG	54.85	317 ePc	48 57.60	-0.6	NIIJ	65.38	59 P	50 09.40	-1.1
TCF	50.76	310 iPc	48 27.60	-0.3	XDE	54.87	320 ePc	48 57.90	-0.4	MRRJ	65.67	53 P	50 11.70	-0.5
	0.7s	42.35nm		5.5mb	EBH	55.02	322 eP	48 58.70	-0.7	CHJJ	65.68	60 P	50 10.60	-1.8
CAF	50.82	308 iPc	48 28.40	0.0		0.9s	115.00nm		5.9mb	YSS	65.78	48 iPc+	50 12.00	-0.8
	0.9s	72.40nm		5.6mb	ELO	55.15	322 ePc	48 59.40	-1.0		0.7s	70.00nm		5.9mb
MOL	50.89	331 iPc	48 28.26	-0.3		1.1s	114.00nm		5.8mb	Z	19s	1.90um		5.3msz
KMY	50.93	327 eP	48 28.84	0.0	GCD	55.15	320 ePc	48 59.80	-0.6	N	19s	1.80um		
LSPF	50.93	305 P	48 29.54	0.3	WME	55.28	318 eP	49 00.00	-0.5	E	19s	1.40um		
RJF	51.22	308 iPc	48 31.40	0.0		0.9s	56.00nm		5.6mb			e	50 20.30	27kmX
	0.8s	92.70nm		5.8mb	YRC	55.44	318 ePc	49 02.00	-0.4			ePPP	54 20.00	
Z	23s	1.90um		5.1mszX	YRH	55.46	318 ePc	49 02.20	-0.4			(S)	59 05.00	
LSF	51.23	310 iPc	48 30.70	-0.8	EAB	55.47	322 eP	49 02.00	-0.7	KIC	65.84	265 Pc	50 13.60	-0.2
	1.1s	57.15nm		5.4mb	ECOG	55.56	299 eP	49 02.50	-1.2		0.7s	44.00nm		5.7mb
OZH	51.26	78 eP	48 32.00	0.1	BAG	55.57	87 ePc	49 04.00	-0.1	YAMJ	65.94	58 eP	50 13.40	-0.7
Z	20s	1.49um		5.0msz		1.4s	237.21nm		6.0mb	TIC	65.97	266 Pc	50 14.60	0.0
		S	55 50.00		GUD	55.59	303 iPc	49 03.50	-0.4	LIC	66.15	265 Pc	50 15.80	0.0
LESF	51.39	306 P	48 32.23	-0.5	EBAN	55.61	300 iPc	49 03.50	-0.4	Z	20s	0.60um		4.8msz
LPO	51.45	308 iPc	48 33.00	-0.1	EGUA	55.62	298 iPd	49 03.50	-0.5	ASAJ	66.38	51 eP	50 16.00	-0.8
	1.1s	68.60nm		5.5mb	BUL	55.78	218 iPd	49 06.00	0.6	OFUJ	66.94	56 eP	50 19.50	-0.9
DL2	51.60	60 Pc	48 34.00	-0.3			iP	49 16.30	34kmX	HOOJ	67.27	53 P	50 22.40	0.0
	1.0s	18.00nm		5.0mb	KKM	55.80	101 eP	49 04.50	-1.2	MGD	67.60	33 ePc+	50 23.80	-0.5
Z	24s	1.35um		4.9mszX	PAB	55.87	302 iPc	49 05.00	-0.8		Z	22s	2.60um	5.4msz
E	13s	0.92um					iS	56 52.00		E	22s	1.90um		
		S	55 54.00		DLF	56.62	318 iPc	49 11.10	0.2			eS	59 18.00	
LFF	51.77	308 iPc	48 35.50	0.0		1.0s	104.00nm		5.8mb	POF	67.86	219 iPd	50 39.00	12.7X
	0.8s	110.70nm		5.9mb	EHOR	56.80	300 iPc	49 11.00	-1.4		1.0s	25.00nm		
EPF	52.08	306 iPc	48 36.80	-1.2	DMU	56.85	319 iPc	49 12.00	-0.6	KUSJ	68.09	52 P	50 26.60	-1.0
	0.9s	12.30nm		4.9mb		0.9s	115.00nm		5.9mb	NANU	71.18	128 iPc	50 46.10	-0.6
ENSF	52.09	305 P	48 37.98	-0.2	EPRU	56.92	299 eP	49 12.00	-1.4		0.5s	12.00nm		5.2mb
SSE	52.23	70 Pc	48 39.00	-0.1	PGP	56.95	90 ePc	49 12.50	-1.4	MBO	73.57	278 iPd	51 02.32	1.3
	1.5s	140.00nm		5.7mb	DCN	57.06	318 iPc	49 13.60	-0.5	MRWA	75.78	133 eP	51 12.00	-1.5
Z	20s	2.70um		5.3msz		0.8s	190.00nm		6.2mb	BAL	77.15	133 eP	51 19.30	-1.9
N	18s	2.00um			MDJ	57.08	52 eP	49 12.10	-2.2		0.5s	28.00nm		5.5mb
E	18s	0.70um				2.0s	170.00nm		5.7mb	MUN	77.72	135 eP	51 23.10	-1.2
		pP	48 51.50	45kmX		Z	21s	3.75um	5.5msz		0.5s	96.00nm		6.1mb
		ePP	50 36.00			N	17s	1.30um		RES	78.49	354 eP	51 29.50	1.7
		eScS	58 20.00			E	21s	4.14um			1.0s	5.00nm		4.5mb X
MFF	52.40	310 iPc	48 39.30	-0.9				pP	49 25.00	COOL	80.28	131 eP	51 36.00	-2.3
	1.1s	79.35nm		5.6mb				sP	49 30.00	SMY	82.31	34 P	52 00.00	11.5X
LDF	52.44	313 iPc	48 39.60	-0.9				S	57 04.00	Z	19s	2.04um		5.5msz
	0.5s	74.95nm		5.9mb	EPLA	57.13	302 iPc	49 14.00	-0.8	ANM	82.78	19 eP	51 52.00	1.2
EGRA	52.60	305 iPc	48 38.00	-3.7X	EJIF	57.19	298 iPd	49 14.50	-0.8	WRA	84.15	115 P	51 58.20	-0.3
FLN	52.68	313 iPc	48 41.50	-0.8	YAK	57.29	31 iPc+	49 14.30	-1.3		1.0s	3.60nm		4.5mb X
	1.3s	236.10nm		6.0mb		1.0s	322.00nm		6.3mb	WB2	84.16	115 iPd	51 57.80	-0.7
Z	24s	2.58um		5.2mszX		Z	20s	7.30um	5.8msz		1.1s	33.00nm		5.4mb
ESCF	52.75	306 P	48 43.12	0.2		N	20s	2.10um				i	52 09.90	40kmX
LHE	52.79	305 P	48 43.20	-0.1		E	20s	5.20um		IMA	84.49	14 eP	52 00.70	1.1
ATE	52.84	306 P	48 43.83	0.2				i	49 29.00		0.8s	49.20nm		5.7mb
SNY	52.90	56 iPc	48 42.00	-2.0				eS	57 07.00	FORT	85.04	128 iPd	52 02.80	0.1
	1.0s	28.00nm		5.2mb	KBS	57.36	350 eP	49 15.30	-0.6		0.6s	35.00nm		5.7mb
Z	20s	2.92um		5.3msz	IFR	57.45	295 iP	49 18.50	1.2	ASPA	85.67	119 iPc	52 05.60	-0.4
N	12s	1.24um			ERUA	57.63	305 iPc	49 17.50	-0.7		1.2s	57.80nm		5.7mb
		pP	48 54.00	42kmX	EVAL	58.01	300 iPd	49 20.00	-1.0			eP	52 17.40	38kmX
		PcP	49 51.00		TIK	58.56	20 iPc+	49 24.00	-0.3	TTA	86.61	16 eP	52 11.30	1.2
		S	56 08.00			2.0s	410.00nm		6.2mb	FBA	86.69	12 eP	52 11.50	1.1
ISSF	52.91	306 P	48 44.16	-0.1		Z	16s	5.60um	5.8mszX		1.1s	69.00nm		5.8mb
GRR	52.92	312 eP	48 43.30	-0.8				i	49 36.00	SVW	88.24	17 eP	52 19.60	1.6
	0.5s	33.95nm		5.6mb				i	50 13.00	BGL	88.93	16 eP	52 21.23	-0.1
MADF	52.92	306 P	48 43.31	-0.9				e	51 34.00	CP2	88.96	16 eP	52 21.10	-0.6
LPF	53.03	312 eP	48 44.00	-0.9				ePPP	53 07.00	PMR	89.39	14 eP	52 24.30	0.9
	0.6s	23.55nm		5.3mb				iS	57 24.00		0.8s	38.60nm		5.8mb
ELYF	53.05	306 P	48 44.27	-0.9				PS	57 40.00	Z	22s	2.70um		5.6msz
ECHF	53.27	301 iPc	48 47.00	0.2	STS	58.59	306 iPc	49 24.50	-0.5	TOA	89.54	13 eP	52 26.00	1.8
HAE	54.15	317 ePc	48 52.20	-0.8	AVE	59.37	295 iP	49 30.50	0.0	SLKM	90.11	15 iPc	52 26.68	-0.1
CN2	54.16	53 Pc	48 53.40	0.1				i	49 38.00			e	52 39.99	44kmX
	0.8s	46.00nm		5.6mb	TIO	59.78	292 iPc	49 33.50	0.0	SDN	91.50	22 P	52 40.00	6.8X
Z	22s	2.08um		5.2msz	SHNJ	59.85	64 P	49 25.30	-8.4X	Z	21s	0.83um		5.1msz
N	16s	1.32um			KUMJ	59.98	66 eP	49 34.30	-0.3	YKA	91.86	358 eP	52 35.50	0.8
E	16s	0.94um			KAGJ	60.34	67 eP	49 37.70	0.6		1.0s	20.90nm		5.5mb
		eP	49 04.00	35kmX	SLR	60.50	215 iPc	49 40.20	1.8	CBM	94.40	328 P	53 00.00	13.2X
		PcP	49 58.00			1.5s	111.11nm		5.8mb	Z	19s	1.70um		5.5msz
		PP	50 55.00					i	49 50.00	SIT	96.16	9 P	53 00.00	5.3X
		eS	56 23.00		AKU	62.41	333 iP	49 51.70	1.1	Z	19s	1.23um		5.4msz
ECRI	54.19	305 iPd	48 53.30	-0.3		1.0s	44.00nm		5.5mb	RMQ	98.91	115 eP	53 08.00	0.6
HGH	54.29	316 ePc	48 53.20	-0.9	ANTZ	62.59	290 iP	49 51.00	-1.4		1.5s	50.00nm		5.8mb
	0.6s	145.00nm		6.2mb				i	49 52.00	RSNY	99.17	330 eP	53 09.49	1.0

	1.0s	12.95nm	5.4mb		S	18	10.56	CCH	40.20	140 P	17	25.00	0.6		
	Z 21s	1.23um	5.4Msz	SDV	21.39	102 eP	14 36.00	0.0	DPW	40.23	332 eP	17	24.88	0.9	
MCWV	105.45	330 PKP	58 00.00	9.8X	OLY	21.39	1 eP	14 36.72	1.0	LON	41.16	329 ePc	17	32.40	0.8
	Z 21s	1.28um	5.4Msz	HBF	21.53	27 (P)	14 40.26	3.2X	GMW	42.19	329 eP	17	39.20	-0.8	
NEW	106.17	359 (PKP)	57 51.85	0.5	MEO	21.56	345 iPc	14 36.20	-1.2	SIV	42.58	133 P	17	49.00	5.4X
	Z 20s	3.78um	5.9Msz	WMOK	21.56	344 eP	14 36.34	-1.2	MCW	42.97	330 eP	17	46.75	0.3	
CEH	108.12	327 PKP	58 10.00	14.7X		0.8s	50.85nm	5.0mb	PGC	43.26	330 ePd	17	49.50	0.9	
	Z 18s	0.87um	5.4Msz							0.8s	27.00nm			5.0mb	
RSSD	109.06	349 PKP	58 10.00	12.8X	SGS	21.69	26 eP	14 44.49	5.8X	FCC	44.69	358 eP	18	04.00	3.9X
	Z 21s	1.44um	5.5Msz				e	14 55.79		YKA	51.04	347 eP	18	48.60	-1.0
SLM	110.54	337 PKP	58 10.00	10.2X			PP	15 02.24			0.7s	25.50nm			5.3mb
	Z 20s	1.71um	5.6Msz	FNO	21.73	348 iPd	14 38.30	-0.9	RES	60.68	359 eP	19	58.00	-0.7	
BW06	111.16	353 ePKP	58 01.00	-0.2	PRM	21.74	22 eP	14 40.22	1.0		0.7s	2.00nm			4.4mb
GLD	113.51	349 PKP	58 20.00	14.2X	SIO	22.01	350 e(P)	14 42.40	0.5	PMR	62.47	333 eP	20	10.02	-0.9
	Z 22s	2.57um	5.8Msz	OCO	22.01	348 iPc	14 41.20	-0.7		0.8s	15.88nm				5.2mb
GOL	113.59	349 PKP	58 20.00	14.0X	TUL	22.09	351 eP	14 43.40	0.7	SLKM	62.55	332 eP	20	10.74	-0.8
	Z 22s	0.62um	5.2Msz			0.6s	14.60nm	4.6mb	KDC	62.73	328 eP	20	13.40	0.7	
SRU	114.89	353 ePKP	58 08.78	0.3	Z	22s	1.06um	4.2Msz	FBA	63.29	337 eP	20	16.70	0.4	
MIAR	115.39	337 PKP	58 20.00	10.8X						1.2s	45.90nm				5.5mb
	Z 19s	1.14um	5.5Msz				S	18 58.00		FBA	63.29	337 ePc	20	15.46	-0.9
PV10	115.44	352 ePKP	58 08.76	-0.8	LNO	22.09	351 eP	14 42.70	0.1		1.4s	30.18nm			5.2mb
CMB	116.38	2 PKP	58 20.00	8.9X	LNO2	22.09	351 e(P)	14 43.50	0.8			iPcP	20	52.45	
	Z 21s	1.25um	5.5Msz	LNO3	22.09	351 e(P)	14 43.50	0.8	BGL	63.81	332 ePc	20	18.72	-1.2	
WMOK	116.85	342 PKP	58 20.00	7.9X	RLO	22.24	353 e(P)	14 43.20	-1.0	SVW	65.25	331 eP	20	28.60	-0.6
	Z 21s	2.23um	5.8Msz	GRT	22.26	5 eP	14 44.56	0.2		0.9s	36.60nm				5.5mb
ALQ	118.41	349 PKP	58 30.00	14.7X	JSC	22.33	24 eP	14 46.66	1.6	TTA	65.96	333 eP	20	32.07	-1.7
	Z 21s	2.48um	5.8Msz	LHS	22.68	24 eP	14 50.02	1.5		0.8s	12.67nm				5.1mb
ISA	118.77	360 PKP	58 30.00	14.3X	ELC	23.29	5 eP	14 54.36	-0.1	IMA	66.01	337 eP	20	32.55	-1.6
	Z 22s	1.45um	5.6Msz				ePP	15 13.12			1.2s	6.53nm			4.6mb
GSC	119.11	358 ePKP	58 17.40	1.0	ACO	23.51	345 iPc	14 55.60	-1.1	SDN	66.47	325 (P)	20	36.15	-0.8
HON	119.44	43 PKP	58 30.00	12.7X	FVM	23.90	3 eP	14 59.82	-0.6	DAG	72.58	13 eP	21	12.30	-1.9
	Z 20s	0.85um	5.4Msz			0.6s	14.64nm	4.7mb		0.5s	6.34nm				4.9mb
TUC	121.64	352 ePKP	58 22.06	0.7	CEH	24.60	25 eP	15 08.01	0.8	ADK	75.94	320 (P)	21	37.57	3.6X
	Z 21s	1.39um	5.6Msz			0.6s	13.84nm	4.7mb		0.8s	40.09nm				5.5mb
		e	58 35.37		ALQ	24.66	330 eP	15 09.02	0.9	ADK	75.94	320 eP	21	33.27	-0.7
SIV	125.77	268 ePKP	58 33.00	3.3X		0.7s	52.68nm	5.2mb		0.8s	37.50nm				5.4mb
CCH	130.81	269 ePKP	58 40.00	0.4	TUC	25.13	320 ePc	15 13.31	0.9	EKA	77.85	36 Pc	21	43.60	-0.9
YJA	131.67	263 ePKPc	58 42.50	1.2		0.7s	8.74nm	4.5mb		0.7s	12.50nm				5.1mb
ZOBO	132.23	271 iPKPc	58 42.20	-0.5			ePP	16 00.07		LPF	80.24	43 eP	21	56.60	-1.1
	Z 20s	0.61um	5.3Msz		NAV	25.20	21 eP	15 13.62	0.6		1.2s	30.35nm			5.2mb
		LR	28 18.00		GOL	28.22	338 eP	15 40.46	-0.5	GRR	80.30	43 eP	21	57.20	-0.8
CNCB	132.28	270 iPKPc	58 44.00	1.3		0.8s	2.25nm	3.9mb		1.0s	22.80nm				5.1mb
LPB	132.29	271 PKP	58 44.00	1.4	GLA	28.23	316 eP	15 40.92	0.0	FLN	80.48	42 eP	21	58.30	-0.6
	Z 16s	1.68um	5.8MszX		PV08	28.63	332 eP	15 46.11	1.4		1.0s	14.60nm			4.9mb
		LR	29 28.00		PV10	28.65	331 ePc	15 44.50	-0.4	Z	22s	0.65um			4.9Msz
ARE	135.32	272 ePKP	58 50.00	1.8	PV09	28.79	331 eP	15 46.82	0.6	LDF	80.75	42 eP	21	59.70	-0.6
AFR	149.89	80 iPKPd	59 19.40	6.5X	PLM	29.80	315 ePc	15 55.83	0.7		1.0s	13.40nm			4.9mb
PPT	150.08	80 iPKPd	59 20.20	6.9X	SRU	29.94	330 ePc	15 56.65	0.3	MAF	83.02	44 eP	22	11.20	-1.0
PAE	150.11	80 iPKPd	59 19.90	6.6X	MSU	30.32	327 ePc	16 00.46	0.7		1.0s	6.80nm			4.7mb
PPN	150.19	80 iPKPd	59 20.20	6.8X	LVNJ	30.57	26 eP	16 01.50	-0.1	BGF	83.13	44 eP	22	11.80	-1.0
TVO	150.44	80 iPKP	59 21.10	7.2X	EMUT	30.63	331 eP	16 03.13	0.6		1.1s	21.50nm			5.2mb
PMO	150.52	74 iPKP	59 21.80	7.9X			PcP	19 02.45		AVF	83.42	44 eP	22	13.10	-1.1
TPT	150.75	74 iPKPd	59 22.40	8.1X	GSC	30.89	318 eP	16 05.46	0.8		1.1s	10.00nm			4.9mb
VAH	150.85	74 iPKPd	59 22.20	7.8X	TBR	31.07	26 eP	16 05.82	-0.2	SSF	83.46	43 eP	22	13.30	-1.1
RUV	151.04	74 iPKPd	59 22.80	8.1X	DAU	31.31	331 ePc	16 09.14	0.6		1.2s	16.35nm			5.0mb
	S.D. = 0.9	on 392 of 442 obs.			RSSD	31.76	343 eP	16 10.50	-1.9	LOR	83.64	43 eP	22	14.60	-0.8
						0.7s	11.57nm	4.9mb		0.9s	10.80nm				5.0mb
	DEC 17, 1992	11h 09m 48.67 ± 1.17s		DUG	31.91	329 eP	16 14.23	0.7	Z	21s	0.38um				4.7Msz
	14.020 N ± 6.1km	91.830 W ± 5.2km			1.2s	17.80nm		4.8mb	NAO	83.94	29 P	22	17.60	1.0	
	DEPTH = 32.5 ± 7.7 km			BW06	32.48	335 eP	16 18.14	-0.5		0.9s	6.50nm				4.8mb
	4.9mb (42 obs.)	4.7Msz (6 obs.)			1.2s	8.38nm		4.5mb	HAU	85.09	42 eP	22	22.20	-0.5	
GUATEMALA		(70)		TNP	32.88	321 eP	16 22.36	0.2		0.9s	9.65nm				5.0mb
					0.7s	5.84nm		4.6mb	Z	23s	0.43um				4.8MszX
TPX	0.97	335 iP	10 07.00	0.9	HVU	33.10	331 eP	16 25.09	1.2	BSF	85.42	42 eP	22	23.90	-0.6
		iS	10 25.00		BONR	33.46	320 ePd	16 29.10	1.8		0.9s	6.40nm			4.8mb
SCX	2.81	344 iP	10 36.50	4.2X	RSNY	33.81	22 eP	16 29.39	-0.5	HFS	85.50	29 eP	22	23.50	-0.9
		iS	11 13.50			1.0s	25.90nm	5.1mb		0.6s	1.80nm				4.5mb
EVV	5.56	323 eP	11 08.00	-3.3X	KVN	34.03	322 eP	16 33.32	1.2	CDF	85.57	41 eP	22	24.80	-0.4
		iS	12 13.00		HHA1	34.10	333 eP	16 32.87	0.3		0.9s	5.40nm			4.8mb
VHO	5.61	303 (P)	11 12.00	-0.3	EEO	34.24	16 eP	16 36.00	2.4	GEC2	89.48	40 PKP	22	42.50	-1.6
		(S)	12 08.00		LRM	36.16	335 eP	16 50.80	0.5		0.8s	1.34nm			4.3mb
IISM	7.26	314 iP	11 34.70	-0.5			e	19 16.70		GEC2	89.48	40 PKP	22	50.00	5.9X
		(S)	13 01.00		ULM	36.28	356 eP	16 52.50	1.6	HHC	121.26	339 ePKP	28	41.60	1.2
IIT	7.96	310 (P)	11 46.00	0.7	ORV	36.42	320 eP	16 53.35	1.1	WMO	122.44	0 ePKP	28	43.50	1.0
		(S)	13 22.00		ZOBO	38.15	141 P	17 08.80	1.1	Z	20s	0.54um			5.2Msz
PPM	8.22	309 (P)	11 47.00	-2.2		Z 22s	0.63um	4.4Msz		TIY	123.72	337 ePKP	28	42.10	-3.1X
		(S)	13 22.00				LR	44 54.00		XAN	128.28	338 ePKP	28	54.60	0.5
ACX	8.24	291 (P)	11 47.40	-1.6	LPB	38.36	142 eP	17 11.00	1.8	GYA	135.93	336 PKP	29	10.40	1.5
III	8.52	302 (P)	11 52.00	-1.0		Z 20s	1.42um	4.8Msz		CHG	145.69	342 ePKP	29	26.00	-0.3
		(S)	13 30.00				LR	46 18.00			1.2s	55.08nm			
UNM	8.80	308 (P)	11 59.50	2.5X	CNCB	38.64	142 eP	17 09.00	-2.7	LOE	146.03	336 ePKP	29	29.00	2.1
		(S)	13 40.50				i	19 25.80		BDT	147.15	341 ePKPc	29	29.80	1.1
BOG	19.84	116 eP	14 23.00	2.7X	LMN	39.06	30 eP	17 18.50	4.2X		0.9s	84.80nm			
		eS	18 14.00		SES	39.50	341 eP	17 18.00	0.0	HYB	147.35	17 ePKPc	29	31.40	2.3
UYO	20.20	354 iPc	14 22.50	-1.0	VGB	39.79	328 eP	17 19.70	-0.7		1.0s	65.00nm			
MIAR	20.50	356 eP	14 25.65	-1.0	NEW	40.05	334 eP	17 22.04	-0.5	NST	148.22	338 ePKP	29	40.00	9.6X
	0.8s	33.09nm	4.8mb			0.8s	16.15nm	4.8mb		GBA	150.57	22 PKP	29	40.30	6.3X

17d 11h

NNT 151.19 336 ePKP 29 41.70 6.7X
S.D. = 1.1 on 108 of 123 obs.

% DEC 17, 1992 11h 10m 11.40±0.86s
39.163 N ± 7.1km 27.535 E ± 8.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

IZM	0.79	196	ePg	10 26.80	-0.1
			eSg	10 38.80	
DST	0.96	62	iPn	10 29.50	-0.1
EZN	1.15	306	ePn	10 33.00	0.2
EDC	1.21	12	ePn	10 34.00	0.1
BNT	1.23	14	ePn	10 33.20	-1.0
KCT	1.26	30	iPn	10 35.70	0.9

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

? DEC 17, 1992 11h 17m 07.29±1.16s
39.195 N ± 10.2km 27.539 E ± 18.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.7 (ISK).

IZM	0.82	195	ePg	17 23.30	0.0
			eSg	17 36.80	
DST	0.94	64	iPn	17 25.00	-0.2
BNT	1.20	14	ePn	17 29.20	-0.4
KCT	1.23	31	iPn	17 30.70	0.6

S.D. = 0.7 on 4 of 4 obs.

DEC 17, 1992 11h 18m 31.46±0.37s
3.244 S ± 4.5km 130.603 E ± 10.2km
DEPTH = 17.5km (2 depth phases)
5.1mb (8 obs.) 4.5msz (1 obs.)

SERAM, INDONESIA (272)

SWI	2.45	16	iPd	19 11.50	0.2
			iS	19 39.50	
MTN	9.56	177	eP	20 51.00	-0.3
			eS	22 37.00	
OIS	19.32	154	eP	22 58.80	0.1
ASPA	20.55	171	iPc	23 12.00	0.0

0.5s 42.50nm 5.1mb X

NANU	24.13	216	eP	23 48.00	0.5
TIY	44.10	339	eP	26 40.80	0.2
			0.65um	4.5msz	
BJI	45.06	344	eP	26 48.00	-0.2
SNY	45.31	353	Pc	26 50.40	0.3

1.0s 18.00nm 5.0mb

LZH	46.44	330	eP	27 00.00	0.7
			2.0s 30.00nm	4.9mb	
			pP	27 06.50	22km
			sP	27 13.50	

CN2	47.06	355	eP	27 04.00	0.1
			0.8s 3.80nm	4.5mb	
			epP	27 08.00	13km
HHC	47.21	340	eP	27 06.30	1.0

1.2s 10.00nm 4.8mb

MDJ	47.65	359	eP	27 07.30	-1.3
GTA	51.03	329	eP	27 35.00	0.2
GUN	53.01	309	P	27 50.06	-0.2
			0.7s 32.00nm	5.4mb	
PKI	53.22	308	P	27 51.22	-0.6
KKN	53.43	308	P	27 52.86	-0.3

0.7s 18.00nm 5.1mb

DMN	53.48	308	P	27 53.34	-0.2
			0.8s 30.00nm	5.3mb	
GKN	54.03	308	P	27 57.26	-0.2
			0.8s 39.00nm	5.5mb	
CNCB	152.91	138	PKP	38 34.00	10.6X
LPB	153.02	137	(PKP)	38 34.00	10.7X
ZOBO	153.17	137	PKP	38 32.00	8.2X

S.D. = 0.5 on 18 of 21 obs.

% DEC 17, 1992 12h 30m 14.68±1.83s
39.286 N ± 9.3km 27.178 E ± 22.7km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

IZM	0.89	176	ePg	30 31.80	0.0
			eSg	30 44.80	
DST	1.17	74	iPn	30 35.90	-0.6
EDC	1.18	26	ePn	30 36.00	-0.8
BNT	1.21	28	ePn	30 37.00	-0.2

KCT 1.32 43 iPn 30 40.60 1.5
S.D. = 1.3 on 5 of 5 obs.

? DEC 17, 1992 12h 32m 08.25±1.04s
38.479 N ± 20.3km 73.319 E ± 12.4km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)

TAJIKISTAN-XINJIANG BORDER REG. (719)

NDI	10.29	160	eP	34 41.50	4.8X
			0.4s 23.73nm	5.8mb	
			eS	36 27.00	
MAIO	11.21	263	eP	34 49.00	-0.4
			0.8s 9.15nm	5.0mb	
			eS	36 46.00	
GKN	14.09	135	P	35 27.64	-0.1
KKN	14.61	133	P	35 33.90	-0.8

			0.4s 24.00nm	5.0mb	
DMN	14.65	134	P	35 35.92	0.7
PKI	14.85	134	P	35 37.36	-0.6
GUN	14.87	131	P	35 37.82	-0.4
GBA	25.04	171	P	37 32.80	1.9
HFS	42.68	320	eP	40 03.90	0.7

			0.4s 0.90nm	3.8mb	
BCAO	60.08	250	iPc	42 13.60	-1.1
			0.8s 11.00nm	5.0mb	
YKA	79.17	4	eP	44 01.00	-9.8X
			4.1mb (4 obs.)	3.9mb	

S.D. = 1.1 on 9 of 11 obs.

? DEC 17, 1992 12h 33m 41.79±3.11s
13.425 N ± 31.8km 92.181 W ± 18.5km
DEPTH = 33.0km (normal)
4.1mb (4 obs.)

OFF COAST OF CHIAPAS, MEXICO (68)

TPX	1.47	357	iP	34 05.00	-1.3
			iS	34 24.00	
SCX	3.32	352	iP	34 34.50	1.9
			iS	35 10.00	
EVV	5.86	329	(P)	35 08.50	-0.1
IIISM	7.45	319	(P)	35 34.50	3.6X

			iS	36 48.00	
PPM	8.35	313	iP	35 44.50	0.4
			iS	37 22.50	
III	8.56	306	(P)	35 45.00	-1.7
UYO	20.75	355	iPc	38 22.00	-0.3
MIAR	21.07	357	eP	38 25.89	0.4

			0.6s 2.56nm	3.8mb	
MEO	22.04	346	iPc	38 33.90	-1.4
WMOK	22.04	345	eP	38 34.89	-0.5
			0.7s 4.04nm	4.0mb	
ELC	23.91	6	eP	38 52.61	-0.9
ACO	24.00	346	iPd	38 54.60	0.1
ALQ	25.01	331	ePc	39 06.47	2.0

			0.6s 4.51nm	4.2mb	
PV10	29.01	332	ePc	39 43.20	2.1
LRM	36.56	336	eP	40 49.10	2.4X
YKA	51.54	347	eP	42 45.80	-0.6
			0.7s 3.10nm	4.4mb	

S.D. = 1.4 on 14 of 16 obs.

DEC 17, 1992 12h 43m 53.59±0.39s
41.415 N ± 5.4km 15.071 E ± 4.6km
DEPTH = 10.0km (geophysicist)

SOUTHERN ITALY (390)

SDI	0.99	288	P	44 13.10	0.8
			eSn	44 27.40	
MGR	1.33	164	P	44 17.00	-1.1
			eSn	44 35.00	
BAI	1.39	102	P	44 19.50	0.6
			eSg	44 41.00	
AQU	1.56	308	P	44 21.00	-0.4
			eSg	44 42.00	
BRT	1.70	108	P	44 23.10	-0.3

			eSn	44 45.40	
RDP	1.80	282	P	44 25.00	0.1
TDS	2.00	151	P	44 28.50	0.7
HVAR	2.04	30	eP	44 28.60	0.3
ASS	2.44	314	P	44 35.00	0.9

			eSn	45 03.30	
ARV	2.61	324	P	44 36.30	-0.3
			eSn	45 06.10	
CRE	3.20	315	P	44 44.40	-0.5
SFI	3.45	318	P	44 48.40	0.0
PGD	3.49	316	P	44 49.20	0.1

OHR 4.33 92 ePn 45 01.20 0.2
GEC2 7.49 353 Pn 45 44.60 -1.0
Sn 47 05.30

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

* DEC 17, 1992 13h 09m 44.84±0.61s
6.761 S ± 8.3km 75.475 W ± 14.7km
DEPTH = 33.0km (normal)
4.3mb (4 obs.)

NORTHERN PERU (111)

NNA	5.37	194	iP	11 05.50	0.7
			0.7s 6.16nm	4.2mb	
			eS	12 08.50	
ZOBO	11.89	143	P	12 36.00	0.3
LPB	12.10	144	eP	12 36.00	-2.4
CNCB	12.39	144	eP	12 44.00	1.6
SDV	16.28	17	eP	13 33.80	0.9
SIV	16.83	124	P	13 43.60	3.9X
ALO	50.74	327	ePc	18 43.90	-0.1

			1.0s 7.50nm	4.6mb	
RSSD	56.83	336	eP	19 28.89	0.1
			0.6s 2.75nm	4.5mb	
ULM	59.47	345	eP	19 48.00	1.1
SES	64.71	336	eP	20 21.00	-1.0
LIC	71.47	81	P	21 04.80	0.0
KIC	71.77	81	P	21 06.40	-0.2
YKA	75.28	342	eP	21 24.90	-1.2

			0.6s 1.60nm	4.2mb	
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S.D. = 1.2 on 12 of 13 obs.

% DEC 17, 1992 13h 12m 20.08±0.67s
44.536 N ± 5.5km 7.415 E ± 5.8km
DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

			ML 1.9 (GEN).		
PZZ	0.23	262	P	12 25.02	0.0
			S	12 28.82	
STV	0.30	193	P	12 26.50	0.2
			S	12 30.92	
ENR	0.31	179	P	12 26.35	-0.2
			S	12 30.61	
BHB	0.32	341	P	12 26.83	0.0
			S	12 31.44	
ROB	0.41	126	P	12 28.56	0.2
FIN	0.66	120	P	12 33.03	-0.2
			S	12 41.99	
IMI	0.71	151	P	12 34.22	0.0
			S	12 43.31	

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

? DEC 17, 1992 13h 18m 48.53±1.06s
3.033 S ± 9.2km 132.840 E ± 17.3km
DEPTH = 95.4 ± 6.7 km

IRIAN JAYA REGION, INDONESIA (196)

SWI	2.67	324	iPc	19 31.00	0.5
AAI	4.68	262	eP	19 58.00	-0.2
MTN	9.90	190	iPc	21 10.00	0.3
			eS	23 47.00	
KUG	11.58	232	eP	21 27.	

OHR	0.42	95	iSg	41	44.20	
			iPgc	41	37.60	-1.5
LACI	0.63	320	iSg	41	43.70	
			iPg	41	41.50	-1.7
VLO	0.89	220	iSg	41	53.10	
			ePg	41	48.80	1.3
FNA	0.93	113	iSg	42	00.00	
			ePg	41	46.40	-1.9
SDA	1.06	328	iSg	41	58.96	
			ePn	41	50.50	0.0
ULC	1.11	318	iSn	42	09.00	
			iPgc	41	50.24	-1.1
SKO	1.22	47	iSg	42	09.56	
			ePn	41	53.40	0.2
PVY	1.46	352	i	41	56.10	
			iSg	42	10.00	
TTG	1.48	330	iPnd	41	56.89	-0.1
			iSn	42	21.63	
BDV	1.56	317	iPnc	41	57.10	0.0
			iSn	42	22.30	
IGT	1.61	178	iPnc	41	58.69	0.4
			iSn	42	24.21	
GRG	1.64	96	ePb	41	58.56	-0.6
IVA	1.74	352	eSb	42	18.21	
			ePb	42	00.32	0.8
VAY	1.76	84	iPnd	42	02.10	1.0
NKY	1.91	331	iSn	42	29.63	
			iPn	42	01.40	0.2
KNT	2.00	89	iPnc	42	04.20	0.7
LIT	2.00	121	iSn	42	33.71	
BRY	2.16	325	ePb	42	07.28	2.5X
			ePn	42	04.68	-0.1
PLE	2.27	344	ePn	42	07.81	0.6
			iSn	42	39.77	
SOH	2.37	97	iPnc	42	09.36	0.6
			iSn	42	42.47	
SRS	2.53	90	iPn	42	11.16	1.0
AGG	2.66	142	ePn	42	13.48	1.2
OUR	2.95	105	ePn	42	14.32	0.1
			ePn	42	17.92	-0.3

S.D. = 1.0 on 23 of 24 obs.

DEC 17, 1992 14h 19m 33.72±0.23s
 8.441 S ± 4.1km 122.170 E ± 5.0km
 DEPTH = 33.0km (normal)
 5.1mb (26 obs.) 4.4Msz (7 obs.)
 FLORES REGION, INDONESIA (286)

KUG	2.21	140	eP	20	15.30	6.5X
WSI	2.22	236	ePd	20	08.50	-0.5
			eS	20	41.50	
MKS	4.18	320	iPc	20	36.50	-0.2
KHKI	6.49	270	ePc	21	06.00	-3.5X
			eS	22	30.80	
			e	27	14.30	
KNA	9.71	139	eP	21	51.50	-2.8
MTN	9.83	117	iPd	21	55.90	-0.1
SJI	10.33	273	ePc	22	04.30	1.6
SWI	11.77	51	eP	22	23.00	0.6
			e	23	00.50	
NANU	15.42	204	eP	23	07.00	-3.6X
KKM	15.57	337	ePc	23	18.80	6.2X
DAV	15.79	13	eP	23	21.00	5.6X
WRA	16.42	135	P	23	20.20	-3.2X
WB2	16.43	135	eP	23	20.60	-2.9
	0.5s	20.60nm			4.5mb	
		i	23	27.60		
		eS	26	13.00		
MEEK	18.41	190	eP	23	50.00	1.8
			eS	27	03.00	
ASPA	18.86	145	iPd	23	53.20	-0.5
	1.1s	158.60nm			5.1mb	
	Z 22s	1.30um			4.4Msz	
		eS	27	15.90		
OIS	20.71	127	iPc	24	14.30	0.3
	0.4s	13.00nm			4.7mb	
MRWA	21.47	195	eP	24	21.20	-0.4
	0.6s	17.00nm			4.6mb	
KGM	21.47	298	eP	24	22.00	0.3
COOL	22.35	182	eP	24	29.50	-0.9
BAL	22.64	192	eP	24	32.50	-0.7
FORT	22.90	167	eP	24	36.50	0.8
MUN	24.07	192	eP	24	48.00	0.9
PMG	24.70	94	eP	24	54.00	0.6
	1.0s	56.00nm			5.1mb	
IPM	24.74	301	ePd	24	53.00	-0.7
	1.3s	193.60nm			5.5mb	

CTA	26.01	119	iPc	25	07.50	1.8
	1.0s	17.50nm			4.6mb	
		i	25	27.50		
RKG	26.43	190	eP	25	10.00	0.6
SNG	26.50	305	eP	25	10.80	0.6
STKA	29.49	145	eP	25	38.20	1.0
		eS	30	32.80		
NNT	30.55	313	eP	25	42.10	-4.6X
RMO	30.95	129	eP	25	51.70	1.5
	1.0s	31.00nm			5.1mb	
CMS	31.79	139	eP	25	57.00	-0.5
NST	32.41	318	eP	26	09.80	6.8X
LOE	32.67	322	eP	26	05.20	-0.1
bfd	34.06	150	eP	26	21.00	3.9X
		e	27	35.00		
BDT	34.29	318	eP	26	19.00	-0.3
BRS	34.53	127	iPc	26	22.00	0.6
	0.5s	15.00nm			5.2mb	
ARMA	35.16	132	eP	26	30.10	3.3X
	0.3s	3.00nm			4.7mb	
BWA	35.36	141	eP	26	28.30	-0.1
		e	27	51.70		
CHG	35.47	320	ePd	26	29.70	0.3
	1.2s	41.02nm			5.2mb	
TOO	35.87	148	eP	26	35.30	2.7X
	0.9s	31.00nm			5.2mb	
GYA	37.82	337	P	26	50.00	0.8
	1.2s	27.00nm			5.0mb	
KMI	38.36	331	Pd	26	55.00	1.1
	2.0s	120.00nm			5.4mb	
Z 20s		1.40um			4.8Msz	
		pP	27	06.00	39kmX	
		eS	32	53.00		
SSE	39.32	359	P	27	01.50	0.0
	Z 20s	0.50um			4.3Msz	
WHN	39.48	349	Pc	27	04.50	1.6
	1.3s	81.00nm			5.3mb	
NJ2	40.39	356	Pc	27	12.00	1.7
		eS	33	19.00		
CD2	42.92	337	iPd	27	31.40	0.2
	1.4s	240.00nm			5.7mb	
XAN	44.08	344	Pc	27	40.50	0.0
	1.0s	16.00nm			4.8mb	
		pP	27	46.40	20kmX	
		sP	27	51.80		
		S	34	08.00		
		ScS	37	38.00		
TIY	46.81	349	eP	28	02.00	-0.2
	Z 20s	0.37um			4.3Msz	
		S	34	52.00		
MAT	47.21	18	eP	28	04.00	-1.4
	1.5s	36.11nm			5.2mb	
		eS	35	05.00		
LZH	47.53	340	eP	28	08.50	0.4
	1.5s	86.00nm			5.5mb	
Z 20s		0.35um			4.3Msz	
		pP	28	20.00	41kmX	
		sP	28	25.00		
LSA	48.26	323	P	28	14.40	0.2
		S	35	05.00		
BJI	48.55	354	eP	28	15.00	-0.7
	1.0s	20.00nm			5.1mb	
Z 20s		0.30um			4.3Msz	
		eS	35	16.00		
		eSS	38	44.00		
GBA	49.51	296	P	28	22.00	-1.5
HHC	50.01	349	P	28	27.20	0.1
	1.2s	20.00nm			5.0mb	
BTO	50.07	348	eP	28	27.00	-0.5
HYB	50.18	301	eP	28	28.00	-0.7
GUN	50.37	317	P	28	29.84	-0.6
PKI	50.47	316	P	28	29.98	-1.2
KKN	50.70	317	P	28	32.30	-0.4
DMN	50.70	316	P	28	31.50	-1.3
	1.1s	52.00nm			5.4mb	
GKN	51.27	316	P	28	36.24	-0.8
GTA	51.93	338	eP	28	42.00	0.2
	1.0s	21.00nm			5.1mb	
Z 20s		0.58um			4.6Msz	
		pP	28	48.00	20kmX	
MDJ	53.23	7	eP	28	50.10	-1.1
	1.2s	26.00nm			5.1mb	
WMO	60.68	332	P	29	43.20	-1.0
	1.5s	24.00nm			5.1mb	
Z 18s		0.31um			4.5Msz	
YAK	70.49	4	eP	30	46.00	-0.7
	2.0s	86.00nm			5.5mb	

YKA	112.39	25	ePKP	38	07.50	-0.1
	1.2s	1.00nm				
NAV	144.51	32	(PKP)	39	08.61	-0.3
CVL	145.18	29	ePKP	39	11.82	1.9
LHS	146.57	36	(PKP)	39	14.07	1.7
YJA	148.66	166	ePKPd	39	22.40	5.7X
CNCB	152.98	158	PKP	39	32.00	8.7X
LPB	153.19	158	ePKP	39	37.00	13.6X

S.D. = 1.1 on 58 of 72 obs.

? DEC 17, 1992 14h 30m 44.95±0.97s
 60.571 N ± 6.1km 5.129 E ± 15.5km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.7 (BER).

ASK	0.09	160	eP	30	47.80	0.2
			eS	30	49.72	
EGD	0.31	171	eP	30	51.09	-0.2
SUE	0.52	340	eP	30	55.47	0.0
			eS	31	02.79	
HYA	0.79	40	eP	31	00.23	-0.1
			eS	31	12.46	
NRA0	3.16	84	ePg	31	41.45	5.8X
			eSg	32	22.49	

S.D. = 0.3 on 4 of 5 obs.

% DEC 17, 1992 14h 38m 28.74±1.02s
 39.142 N ± 8.7km 27.544 E ± 16.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

IZM	0.77	197	ePg	38	43.90	0.0
			eSg	38	55.90	
DST	0.96	61	iPn	38	46.80	-0.2
EDC	1.23	11	ePn	38	52.00	0.4
BNT	1.25	13	ePn	38	51.00	-0.9
KCT	1.27	29	iPn	38	53.00	0.7

S.D. = 0.9 on 5 of 5 obs.

? DEC 17, 1992 14h 48m 46.51±1.00s
 23.361 S ± 14.2km 179.886 W ± 15.9km
 DEPTH = 500.0km (geophysicist)
 4.6mb (7 obs.)
 SOUTH OF FIJI ISLANDS (171)

ORZ	18.55	198	eP	52	32.30	0.5
	0.4s	41.00nm			5.4mb	
THZ	19.32	196	eP	52	39.20	-0.1
LTZ	20.44	197	eP	52	49.50	-0.4
	0.4s	4.00nm			4.4mb	
RMQ	28.57	257	eP	54	04.50	1.6
ASPA	42.23	260	eP	55	56.30	-0.2
	0.5s	12.90nm			4.7mb	
WB2	42.54	266	iPc	55	58.30	-0.6
	0.5s	25.50nm			5.0mb	
WRA	42.55	266	P	55	58.80	-0.2
	0.6s	4.40nm			4.2mb	
NANU	59.00	257	eP	57	59.00	-0.7
	0.4s	8.00nm			4.5mb	
ALO	90.54	52	ePc	00	56.00	0.2
	1.0s	5.50nm			4.4mb	
HFS	142.04	349	ePKP	07	16.60	-5.4X
	0.3s	3.40nm				
GEC2	152.39	340	PKP	07	46.20	7.3X
	0.9s	0.90nm				
S.D. = 0.8 on 9 of 11 obs.						

17d 14h

VAY 1.79 67 ePn 58 37.00 -1.4
 KNT 1.98 74 ePn 58 41.26 0.1
 AGG 2.22 137 ePn 58 45.02 0.4
 OUR 2.77 95 ePn 58 52.78 0.3
 S.D. = 0.7 on 10 of 10 obs.

* DEC 17, 1992 14h 59m 04.11 ± 1.90s
 40.621 N ± 9.9km 20.302 E ± 19.1km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)

OHR 0.62 37 iPg 59 15.10 -1.5
 FNA 0.83 78 ePg 59 20.18 -0.1
 IGT 1.09 179 ePb 59 24.18 -0.4
 SKO 1.60 32 ePn 59 34.00 1.5
 GRG 1.63 77 ePb 59 32.62 -0.3
 LIT 1.75 107 ePb 59 35.51 0.8
 S.D. = 1.3 on 6 of 6 obs.

& DEC 17, 1992 15h 20m 39.98s
 59.249 N 153.671 W
 DEPTH = 109.0km
 SOUTHERN ALASKA (2)
 <AEIC>.

AUI 0.15 55 iP 20 54.48 0.7
 AUW 0.16 40 iP 20 54.73 0.9
 AUH 0.16 45 iP 20 54.76 0.8
 AUL 0.18 42 iP 20 54.76 0.9
 AUE 0.19 54 iP 20 54.77 0.9
 MCNL 0.35 260 iP 20 55.18 -0.9
 OPT 0.46 29 iP 20 55.94 -0.8
 INW 0.87 18 eP 20 59.05 -1.1
 INE 0.87 21 eP 20 59.73 -0.5
 ILIM 0.91 23 eP 20 59.39 -1.1
 SYI 0.92 133 iP 20 59.32 -1.2
 RED 1.26 21 iP 21 03.17 -1.2
 RS1 1.30 20 iP 21 04.00 -0.9
 RS2 1.30 20 iP 21 03.89 -1.1
 RSO 1.30 20 iP 21 03.89 -1.1
 RDW 1.31 19 iP 21 04.02 -1.0
 REF 1.34 21 iP 21 04.14 -1.2
 NCT 1.37 16 iP 21 04.53 -1.1
 DFR 1.44 20 iP 21 05.30 -1.1
 RDT 1.47 25 eP 21 05.51 -1.4
 BRILK 1.51 69 eP 21 06.39 -0.9
 NKA 1.93 38 eP 21 13.38 0.9
 CKL 2.06 18 iP 21 13.13 -1.2
 CKT 2.09 20 eP 21 13.50 -1.2
 SPU 2.10 22 eP 21 13.72 -1.0
 CKN 2.12 20 eP 21 13.58 -1.4
 BGL 2.12 17 iP 21 13.99 -1.1
 CP2 2.14 19 eP 21 14.64 -0.9
 SLKM 2.15 53 eP 21 13.55 -1.8
 CGLM 2.23 21 eP 21 15.17 -1.3
 MPA 2.50 58 eP 21 18.53 -1.5
 SUA 2.66 32 eP 21 21.35 -0.8
 PTE 2.84 53 eP 21 22.51 -1.9
 33 obs. associated

* DEC 17, 1992 16h 02m 23.51 ± 1.15s
 48.153 N ± 21.3km 153.567 E ± 19.6km
 DEPTH = 33.0km (normal)

4.8mb (18 obs.)
 KURIL ISLANDS (221)

KUSJ 8.00 234 eP 04 20.20 -0.1
 ASAJ 8.59 246 eP 04 42.50 14.0X
 HOOJ 9.26 235 eP 04 38.20 0.5
 IMA 32.50 37 eP 08 52.40 -0.5
 FBA 0.7s 3.50nm 4.4mb
 RES 49.41 19 eP 11 14.00 2.6
 YKA 49.62 38 eP 11 11.30 -1.9
 KKN 55.67 275 P 11 58.40 -0.6
 PKI 55.73 274 P 11 59.60 0.0
 DMN 55.91 275 P 12 00.20 -0.6
 GKN 55.96 275 P 12 00.40 -0.6
 HFS 67.25 340 eP 13 14.50 -1.8
 Z 17s 33.00um 6.6mszX

NAO 67.28 341 P 13 14.90 -1.6
 CLL 75.31 336 iPc 14 04.50 -0.2
 KHC 77.11 334 eP 14 14.50 -0.4
 GEC2 77.33 334 Pc 14 14.80 -1.4
 GEC2 77.33 334 PKP 14 22.00 5.8X
 KBA 79.02 334 iPc 14 25.00 -0.6
 LOR 81.37 340 eP 14 27.80 -10.1X
 SSF 81.65 340 eP 14 40.40 1.1
 AVF 81.94 340 eP 14 41.30 0.5
 SMF 81.96 339 eP 14 41.40 0.4
 LPL 82.30 337 eP 14 43.80 0.8
 LPG 82.31 337 eP 14 44.20 1.0
 MAF 82.65 340 eP 14 45.60 1.0
 TCF 82.67 340 eP 14 45.30 0.6
 RJF 83.76 341 eP 14 51.30 1.0
 CAF 83.99 340 eP 14 52.90 1.4
 S.D. = 1.1 on 25 of 28 obs.

? DEC 17, 1992 16h 29m 42.29 ± 1.27s
 66.971 N ± 10.1km 20.817 E ± 16.1km
 DEPTH = 10.0km (geophysicist)

SWEDEN (536)
 MD 3.2 (BER).

KTK1 2.24 23 eP 30 19.87 -0.1
 MOR7 2.52 257 eP 30 27.51 3.6X
 TRO 2.77 346 eP 30 27.63 0.2
 LOF 3.03 296 eP 30 30.87 -0.2
 ARA0 3.11 32 ePg 30 41.01 8.7X
 HFS 7.56 208 eP 31 35.10 0.0
 S.D. = 0.3 on 4 of 6 obs.

? DEC 17, 1992 16h 55m 25.88 ± 1.07s
 36.336 N ± 14.2km 26.822 E ± 7.7km
 DEPTH = 10.0km (geophysicist)
 DODECANESE ISLANDS (369)
 MD 3.4 (ISK).

YER 1.42 55 iPn 55 51.50 -0.3
 NPS 1.45 223 eP 55 59.00 6.8X
 CIN 1.62 38 iPd 55 59.00 4.5X
 IZM 2.09 10 ePn 56 01.40 0.0
 KSL 2.24 95 eP 56 08.50 4.9X

ELL 2.52 80 iPn 56 12.30 4.7X
 VLI 3.15 278 eP 56 16.50 0.0
 BCK 3.22 68 ePn 56 17.90 0.3
 CSS 5.47 103 eP 56 49.40 -0.1
 S.D. = 0.3 on 5 of 9 obs.

* DEC 17, 1992 17h 08m 52.92 ± 3.54s
 41.009 N ± 32.6km 20.280 E ± 9.4km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 2.6 (TTG), 2.5 (TIR), 2.3 (SKO).

OHR 0.41 75 iPg 09 01.20 0.0
 TIR 0.46 317 ePg 09 08.50 6.2X
 LACI 0.76 326 ePg 09 05.30 -2.4
 SDA 1.20 331 ePg 09 17.00 1.8
 ULC 1.23 321 iPg 09 15.64 -0.1
 SKO 1.30 42 iPg 09 16.80 -0.2
 PVY 1.60 352 iPnd 09 20.47 -1.0
 TTG 1.61 332 iPnd 09 20.96 -0.5
 BDV 1.67 320 iPnc 09 22.82 0.4
 IVA 1.88 351 iPnd 09 26.34 0.9
 NKY 2.04 332 iPnc 09 28.39 0.6
 BRY 2.29 326 iPnd 09 31.72 0.3
 PLE 2.41 344 iPnd 09 33.40 0.3
 S.D. = 1.1 on 12 of 13 obs.

* DEC 17, 1992 17h 11m 14.01 ± 0.53s
 3.886 S ± 9.1km 139.073 E ± 8.3km
 DEPTH = 33.0km (normal)
 5.0mb (4 obs.)
 IRIAN JAYA, INDONESIA (201)

WWKK 4.55 87 eP 12 22.80 0.4
 MDG 6.82 102 eP 12 55.70 1.3
 PMG 9.72 125 eP 13 34.00 -0.7
 MTN 11.87 221 iPd 14 05.40 1.4
 KNA 15.55 220 iPd 14 54.50 2.0
 OIS 16.58 178 eP 15 04.50 -1.2
 WB2 16.61 196 iPc 15 04.20 -1.9
 ASPA 20.29 194 iPc 15 50.10 0.2
 RMO 24.31 159 eP 16 30.20 0.4
 WARB 25.17 207 eP 16 38.50 0.4
 LOE 42.50 301 eP 19 09.00 0.8
 GUN 60.15 305 P 21 21.54 0.0
 PKI 60.41 305 P 21 24.28 1.0
 KKN 60.60 305 P 21 24.74 0.3
 DMN 60.67 305 P 21 24.76 -0.2
 GKN 61.21 305 P 21 28.04 -0.5
 KIC 143.88 275 PKP 30 46.20 -2.6
 TIC 144.15 276 PKP 30 47.00 -2.2
 LIC 144.17 275 PKP 30 47.00 -2.2
 CNCB 146.28 128 iPKPc 30 54.60 1.2
 ZOBO 146.45 127 PKP 30 54.00 0.2
 CCH 147.35 131 ePKP 30 57.00 2.2
 SIV 151.94 135 PKP 31 11.80 10.3X
 S.D. = 1.4 on 22 of 23 obs.

& DEC 17, 1992 17h 40m 59.68s
 33.249 N 116.065 W
 DEPTH = 2.6km

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

PLM 0.68 279 ePc 41 12.49 -0.7
S 41 22.21
GLA 1.06 100 iPd 41 18.13 -2.2
S 41 32.74
PEC 1.12 305 eP 41 20.27 -1.1
SSK 1.66 306 ePn 41 28.36 -1.7
eS 41 51.99
GSC 2.14 344 ePn 41 35.27 -1.6
iPg 41 39.39
BCH 3.85 301 (P) 42 02.22 0.9
6 obs. associated

DEC 17, 1992 17h 43m 12.59± 0.15s
37.422 N ± 3.7km 68.942 E ± 2.1km
DEPTH = 35.8km (19 depth phases)
5.3mb (97 obs.) 4.9Msz (18 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG.(717)
Felt at Peshawar, Pakistan.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 18S, 24C

Centroid Location:

Origin Time 17:43:12.7 0.6

Lat 37.30N 0.08 Lon 68.52E 0.08

Dep 28.8 4.0 Half-duration 1.0

Moment Tensor: Scale 10**16 Nm

Mrr= 5.42 0.34 Mtt= 0.42 0.56

Mff=-5.84 0.36 Mrt=-1.22 1.10

Mrf=-0.02 1.53 Mtf= 3.49 0.34

Principal Axes:

T Val= 5.77 Plg=73 Azm=163

N 1.64 17 335

P -7.41 2 66

Best Double Couple: Mo=6.6*10**16

NP1: Strike=172 Dip=45 Slip= 114

NP2: 320 49 68

KSH 5.89 68 P 44 40.50 0.6

0.3s 170.00nm 6.1mb

Z 10s 50.10um 4.8Msz

FRU 6.94 37 iPnc 44 55.00 0.5

iS 46 16.00

QUE 7.40 194 eP 45 02.00 0.8

eS 47 26.00

MAIO 7.66 264 iPc 45 00.30 -4.3X

0.9s 36.23nm 5.4mb

i 45 47.00

eS 47 08.00

ASH 8.42 277 eP 45 09.20 -5.9X

0.8s 170.00nm 6.2mb

PRZ 8.85 52 iPd 45 21.00 -0.2

1.0s 200.00nm 6.2mb

KAT 10.12 284 eP 45 33.00 -5.6X

NDI 11.14 139 iPd 45 49.80 -2.6

0.6s 300.00nm 6.7mb X

eS 47 49.00

TEH 14.21 269 e(P) 46 40.00 6.5X

BAK 15.12 287 eP 46 48.00 2.8

WMO 15.59 60 P 46 48.50 -2.9

1.5s 32.00nm 4.3mb

Z 20s 10.20um

pP 46 55.00

S 49 40.00

sS 49 54.00

SS 50 04.00

BRVK 15.66 3 eP 46 47.00 -5.2X

1.0s 228.00nm 5.3mb

SHI 15.72 245 eP 46 52.00 -1.2

GKN 16.19 121 P 46 54.52 -4.6X

DMN 16.76 121 P 47 01.82 -4.7X

KKN 16.76 120 P 47 01.36 -5.1X

PKI 16.99 121 P 47 05.70 -3.7X

GUN 17.10 119 P 47 06.08 -4.8X

TAB 17.90 279 eP 47 09.50 -11.0X

KER 17.95 267 eP 47 24.00 2.8

GRO 18.65 296 iPc+ 47 28.00 -1.6

1.5s 640.00nm 5.6mb

MTA 19.08 290 eP 47 34.00 -0.7

0.8s 220.00nm 5.4mb

iS 51 07.00

POO 19.30 166 iPc 47 36.20 -1.4

ELT 19.89 32 iPc 47 40.30 -3.2X

1.7s 257.00nm 5.3mb

LSA 20.02 106 iPd 47 46.00 0.4

1.2s 46.00nm 4.7mb

Z 16s 4.09um 4.9MszX

SVE 20.17 347 ePc 47 44.50 -2.1

3.2s 500.00nm 5.3mb X

Z 11s 10.00um 5.4MszX

N 11s 9.50um

E 11s 6.50um

ARU 20.21 343 ePc 47 46.00 -1.0

1.3s 300.00nm 5.5mb

eS 51 25.00

HYB 21.65 154 iPc 48 02.30 0.3

1.0s 220.00nm 5.5mb

eS 51 57.00

UER 22.69 43 iPc 48 11.80 -0.1

1.5s 140.00nm 5.2mb

SOC 22.99 295 eP 48 15.00 0.0

e 48 22.00 25km

e 48 54.00

eS 52 25.00

e 52 56.00

GTA 24.22 76 iPc 48 28.50 1.4

1.0s 220.00nm 5.7mb

Z 12s 8.42um 5.4MszX

E 10s 4.41um

pP 48 34.50 21km

sP 48 37.50

ANN 24.85 297 eP 48 31.50 -1.4

1.2s 80.00nm 5.2mb

MOY 26.66 47 ePc 48 51.10 1.4

2.0s 182.00nm 5.3mb

SIM 27.11 297 eP 48 54.00 0.1

BHL 27.19 273 P 48 56.00 1.1

S 53 38.00

KAS 27.35 289 iPd 48 57.10 0.8

ZAK 27.66 51 eP 49 00.50 1.6

1.0s 62.00nm 5.2mb

LZH 27.90 82 eP 49 02.00 0.6

1.2s 79.00nm 5.3mb

Z 11s 4.42um 5.3MszX

N 10s 3.71um

E 10s 2.43um

pP 49 14.00 47kmX

sP 49 20.00

MOS 27.91 321 eP 49 00.00 -1.0

1.6s 140.00nm 5.4mb

Z 12s 4.10um 5.2MszX

e 49 52.00 269kmX

e 50 08.00

KOD 28.14 162 eP 49 04.00 0.2

eS 54 30.00

OBN 28.14 319 iPc 49 02.50 -0.7

1.1s 78.00nm 5.3mb

i 49 14.00 44km

i 50 07.00

IRK 28.80 48 eP+ 49 06.00 -3.1X

1.6s 38.00nm 4.8mb

e 49 15.30 32km

e 55 14.00

CD2 29.41 92 eP 49 15.20 0.2

Z 10s 3.80um 5.3MszX

E 10s 3.49um

KIS 30.89 301 iPc 49 28.00 0.2

1.0s 300.00nm 6.0mb

i 49 38.00 36km

e 50 34.00

e 56 12.00

ELL 31.00 281 iP 49 30.00 1.0

KMI 31.22 103 eP 49 31.00 -0.1

2.0s 40.00nm 4.9mb

Z 20s 3.90um 5.1Msz

N 11s 2.60um

E 12s 2.20um

pP 49 38.50 26km

BTO 31.87 71 P 49 38.00 1.4

N 12s 2.31um

E 14s 5.34um

CHG 32.11 117 ePd 49 38.50 -0.2

0.9s 13.66nm 4.8mb

VR1 32.34 299 ePd 49 40.00 -0.5

XAN 32.46 84 P 49 41.50 -0.2

0.8s 8.00nm 4.7mb

Z 12s 2.17um 5.1MszX

N 10s 2.87um

S 54 52.00

JMB 32.61 292 iPc 49 44.00 1.1

IZM 32.70 285 eP 49 42.90 -0.1

MNK 32.72 314 eP 49 42.00 -1.7

CVO 32.73 299 ePc 49 45.00 1.1

MLR 32.89 298 iPc 49 47.00 1.5

HHC 33.00 71 P 49 47.20 0.8

1.4s 37.00nm 5.1mb

N 12s 3.11um

E 10s 1.47um

S 55 07.00

BDT 33.20 119 eP 49 47.00 -1.2

1.0s 117.30nm 5.7mb

PUL 33.21 325 ePc 49 47.00 -0.9

1.0s 200.00nm 6.0mb

Z 14s 2.50um 5.1MszX

E 14s 1.80um

CMP 33.54 298 ePd 49 55.00 4.0X

GYA 33.62 98 P 49 51.80 -0.2

1.2s 57.00nm 5.4mb

Z 20s 2.25um 4.9Msz

N 17s 4.69um

E 17s 3.97um

NRI 33.68 12 iPc+ 49 51.30 -0.6

0.8s 182.00nm 6.0mb

Z 18s 6.60um 5.4Msz

e 51 08.00 410kmX

eSS 57 30.00

RZN 34.08 291 iPc 49 56.00 0.1

TIY 34.24 76 P 49 58.00 0.8

0.6s 48.00nm 5.6mb

Z 20s 4.61um 5.2Msz

S 55 25.00

CIT 34.34 50 eP 49 57.80 0.0

PGB 34.38 293 iPc 49 59.00 0.7

BMR 34.56 302 ePd 50 02.00 2.3

MMB 34.83 291 iPc 50 02.00 -0.1

LOE 35.02 116 eP 50 03.00 -0.9

NST 35.06 120 iPc 50 11.00 6.7X

VTB 35.08 293 iPc 50 05.00 0.6

KKB 35.27 292 iPc 50 05.00 -0.8

VAY 35.73 291 iP 50 10.40 0.7

BOD 35.80 40 iPc 50 09.20 -0.9

0.8s 76.00nm 5.7mb

KAF 35.96 327 iP 50 10.50 -0.9

0.7s 36.10nm 5.4mb

NUR 36.12 324 iP 50 11.80 -0.9

0.8s 62.10nm 5.6mb

SKO 36.46 292 iP 50 15.50 -0.4

i 01 41.00

BJI 36.60 71 eP 50 18.50 1.4

1.0s 11.00nm 4.7mb

Z 18s 2.65um 5.1Msz

N 12s 2.14um

ePP 51 48.00

eS 56 04.00

SPC 36.73 305 eP 50 19.90 1.6

e 52 04.60 602kmX

NNT 36.99 124 eP 50 20.80 0.2

OJC 37.03 306 eP 50 20.70 0.1

0.8s 53.00nm 5.5mb

e 50 32.20 41km

OHR 37.08 291 eP 50 20.20 -1.0

PVY 37.44 294 iPc 50 25.53 1.3

IVA 37.45 294 iPc 50 25.33 1.0

17d 17h

		i	50 51.00	44km	OGA	43.09	302 iPd	51 10.70	-0.3		1.3s	67.85nm	5.5mb	
		e	52 05.00		PGD	43.14	297 P	51 12.50	1.1	CAF	49.61	301 eP	52 02.50	0.2
UPP	39.33	322 iP	50 38.70	-1.0	SSE	43.19	82 Pc	51 12.00	0.3		1.2s	28.85nm	5.2mb	
PTJ	39.84	300 eP	50 43.60	-0.6		1.0s	34.00nm		5.0mb	LSF	49.62	303 eP	52 01.90	-0.4
HVAR	39.90	295 eP	50 44.20	-0.5	Z	16s	1.80um		5.1MsZ		1.2s	34.50nm	5.3mb	
QIZ	40.06	106 eP	50 43.00	-3.2X	N	13s	1.50um			SHNJ	49.74	74 P	52 05.40	2.0
E	12s	0.81um			E	13s	0.60um			RJF	49.88	302 eP	52 04.90	0.5
BSD	40.19	314 eP	50 45.10	-1.7			PcP	53 00.00			1.3s	33.20nm	5.2mb	
	1.0s	37.00nm		5.1mb			S	57 32.00		Z	19s	0.52um	4.6MsZ	
PRU	40.42	306 Pc	50 49.40	0.6	MUD	43.46	316 iP	51 13.00	-0.6	LDF	50.11	306 eP	52 05.50	-0.5
		e	51 22.20	148kmX		0.8s	10.00nm		4.6mb		1.3s	53.05nm	5.4mb	
		e	51 45.50				e	52 32.50	407kmX	KUMJ	50.15	76 P	52 08.80	2.3
		PP	52 16.30				e	53 02.00		FLN	50.30	306 eP	52 06.60	-0.8
BRG	40.76	307 eP	50 52.40	0.8	FIR	43.49	297 eP	51 15.00	1.0		1.4s	54.45nm	5.4mb	
		i	51 03.60	40km	OSS	43.71	302 ePc	51 15.80	-0.2	Z	22s	0.32um	4.3MsZ	
DL2	40.97	71 Pc	50 54.00	0.5	MME	43.80	298 P	51 18.40	1.6	LFF	50.51	301 eP	52 09.10	0.0
Z	20s	1.54um		4.9MsZ	BDI	43.90	298 P	51 16.80	-0.6		1.0s	32.80nm	5.3mb	
		S	57 06.00		IPM	43.91	130 ePc	51 17.80	0.1	GRR	50.63	306 eP	52 09.20	-0.8
NJ2	40.98	82 Pd	50 55.00	1.4		1.2s	104.60nm		5.5mb		1.3s	60.30nm	5.4mb	
	1.0s	36.00nm		5.1mb	PII	44.02	297 P	51 18.10	-0.2	KAGJ	50.75	78 P	52 11.40	0.3
N	11s	2.41um			YAK	44.20	36 iPc	51 18.80	-0.7	EPF	51.36	299 eP	52 14.30	-1.4
E	11s	1.53um			Z	11s	4.40um		5.6MsZ		1.1s	13.65nm	4.8mb	
		PcP	52 54.60		E	11s	3.60um			DAG	53.41	343 iPd	52 30.00	-0.5
GEC2	41.05	304 e(P)	51 06.20	12.0X			e	53 04.00	593kmX		0.8s	38.06nm	5.4mb	
	0.9s	3.50nm					eS	57 52.00		YSS	53.60	55 iPc	52 32.00	-0.2
GEC2	41.05	304 P	50 54.50	0.3			ePS	58 07.00			0.9s	70.00nm	5.7mb	
	0.7s	2.24nm		4.0mb X			e	01 18.00		MRRJ	54.01	61 eP	52 35.10	-0.2
		e	51 00.90	22km	LLS	44.46	302 ePd	51 21.30	-0.8	MAT	54.15	68 iPc	52 35.70	-0.7
		e	51 04.40		BOB	44.56	299 P	51 23.90	1.1		1.4s	46.51nm	5.3mb	
		e	52 37.90		TMA	44.68	301 ePd	51 22.90	-1.0	Z	20s	1.06um	4.9MsZ	
		e	52 43.20		LANF	44.89	305 P	51 25.81	0.5			(S)	00 12.00	
		e	52 47.50		FEL	44.94	304 P	51 25.42	-0.4	LWI	54.22	233 iPd	52 37.00	-0.4
KHC	41.11	305 Pc	50 55.00	0.5	WTS	45.12	310 eP	51 28.00	1.0	ASAJ	54.50	58 eP	52 38.50	-0.4
	1.2s	13.00nm		4.5mb		0.9s	16.00nm		4.9mb	MGD	54.54	38 eP	52 38.00	-1.0
		i	50 58.00	12kmX			e	53 03.00	508kmX			e	52 50.00	42km
		e	51 07.00		CDF	45.33	304 eP	51 29.90	1.0	YAMJ	54.85	66 P	52 41.50	-0.1
HFS	41.32	321 eP	50 55.40	-0.7		1.3s	15.15nm		4.7mb	GUD	55.34	298 eP	52 44.00	-1.2
	0.8s	68.10nm		5.4mb	ORO	45.39	300 P	51 27.70	-1.7	ENIJ	55.36	293 iPd	52 45.10	-0.2
Z	17s	982.00um		7.7MsZ	MDJ	45.39	61 eP	51 29.10	-0.2	HOOJ	55.56	60 P	52 46.30	-0.3
		LR	07 13.00			0.7s	10.00nm		4.8mb	OFUJ	55.67	64 P	52 46.80	-0.7
CLL	41.33	308 iPc	50 56.20	0.0	Z	20s	4.92um		5.4MsZ	PAB	55.90	297 eP	52 49.00	-0.2
	1.4s	24.00nm		4.7mb	N	22s	9.78um			EBAN	56.04	295 eP	52 49.70	-0.5
RBL	41.42	301 P	50 57.40	0.3	E	22s	13.10um			ECOG	56.23	294 eP	52 50.70	-1.0
KBA	41.48	302 iPc	50 58.00	0.2			S	58 05.00		KUSJ	56.27	59 eP	52 50.60	-1.1
	1.3s	41.40nm		5.0mb			SS	01 16.00		BCAO	56.47	247 iPc	52 52.00	-1.5
		i	51 09.40	41km	TIK	45.54	23 iPc	51 29.50	-0.6		0.7s	54.00nm	5.7mb	
		i	51 29.40			1.0s	86.00nm		5.6mb			ic	53 00.90	29km
COP	41.62	315 eP	50 56.00	-2.6			i	51 41.00	41km			ic	53 25.60	
		e	52 30.00	512kmX			e	53 22.00		EPLA	56.92	298 iPd	52 56.80	0.3
SNG	41.63	128 eP	50 59.20	0.1			e	58 11.00		EHOR	57.23	295 iPc	52 58.00	-0.6
SNY	41.72	66 iPc	51 00.00	0.4			iS	58 18.00		EPRU	57.57	294 eP	53 02.00	0.9
	0.8s	11.00nm		4.6mb	DIX	45.68	301 P	51 31.72	-0.2	EVAL	58.41	295 eP	53 06.00	-0.9
	Z	18s	4.52um	5.4MsZ	BSF	45.76	304 eP	51 31.80	-0.5	PET	61.01	44 eP	53 22.00	-2.5
	N	11s	1.98um			1.2s	66.35nm		5.4mb	KRI	65.44	222 eP	53 54.40	0.1
E	13s	2.49um			WLF	45.85	306 P	51 34.00	1.2	RES	67.66	355 eP	54 09.00	1.4
		pP	51 12.20	45km	EMS	46.01	301 ePd	51 34.10	-0.3		1.0s	8.00nm	4.8mb	
		sP	51 17.40		HAU	46.02	304 eP	51 34.00	-0.2	BUL	68.71	221 eP	54 15.00	0.1
		PcP	52 56.00			1.3s	34.30nm		5.1mb	ANM	69.81	22 eP	54 22.30	1.3
		eS	57 13.00		Z	21s	0.40um		4.3MsZ	IMA	71.73	17 eP	54 32.90	0.1
MOX	42.25	307 eP	51 03.00	-0.8	VITF	46.22	304 P	51 38.94	3.2X		0.8s	21.80nm	5.2mb	
	1.6s	31.00nm		4.8mb	LPG	46.26	301 eP	51 36.60	0.1	KIC	73.21	265 Pc	54 41.30	-0.8
ARV	42.35	296 Pd	51 05.70	0.9		1.3s	76.20nm		5.5mb		1.1s	40.50nm	5.3mb	
GRF	42.59	306 iPc	51 08.10	1.5	LPL	46.27	301 eP	51 36.60	0.1	TIC	73.26	266 Pc	54 41.70	-0.7
	2.0s	181.00nm		5.5mb		1.3s	53.05nm		5.3mb	LIC	73.52	265 Pc	54 43.00	-0.9
Z	20s	0.50um		4.4MsZ	BNI	46.41	300 P	51 37.20	-0.4		1.0s	23.00nm	5.1mb	
		ed	51 11.10	10kmX	SURF	46.45	299 P	51 35.83	-2.1	Z	20s	0.50um	4.8MsZ	
		e	51 19.80		FRF	46.80	298 eP	51 40.00	-0.4	TTA	73.72	20 eP	54 45.60	1.2
WTTA	42.61	302 iPc	51 06.50	-0.6		1.0s	32.80nm		5.3mb		0.8s	15.40nm	5.0mb	
	1.0s	36.30nm		5.1mb	LRG	47.03	298 eP	51 42.00	-0.2	FBA	74.03	15 eP	54 47.30	1.2
		i	51 17.50	39km		1.2s	57.70nm		5.4mb		0.8s	57.70nm	5.6mb	
ASS	42.64	296 Pd	51 08.70	1.5	Z	23s	0.45um		4.4MsZ	SVW	75.32	21 eP	54 54.90	1.3
CN2	42.65	63 eP	51 07.60	0.4		47.33	130 eP	51 45.00	0.1		0.9s	25.10nm	5.2mb	
	0.8s	11.00nm		4.6mb	LBF	47.80	303 eP	51 47.80	-0.6	BGL	76.06	19 eP	54 57.90	0.0
	Z	16s	2.94um	5.3MsZ		1.1s	13.65nm		4.9mb	CP2	76.10	19 (P)	54 58.28	0.0
	N	11s	1.07um		LOR	47.82	304 eP	51 47.70	-0.7	CRP	76.12	19 eP	54 57.77	-0.6
E	11s	1.56um			Z	20s	0.55um		4.5MsZ	PMR	76.60	18 eP	55 01.30	0.5
		epP	51 17.00	31km	SMF	47.97	303 eP	51 49.30	-0.4		0.8s	38.60nm	5.5mb	
		eS	57 34.00			1.4s	91.05nm		5.6mb	TOA	76.84	16 eP	55 04.00	1.8
FUR	42.73	304 eP	51 08.20	0.4	SSF	48.10	303 eP	51 50.20	-0.4		0.8s	138.60nm	6.0mb	
	1.2s	37.00nm		5.0mb		1.4s	39.65nm		5.3mb	SLKM	77.27	19 eP	55 03.35	-1.2
NAO	42.81	322 P	51 06.90	-1.4	AVF	48.26	303 eP	51 51.50	-0.4	KDC	79.01	21 eP	55 14.30	0.3
	0.8s	43.90nm		5.2mb		1.2s	50.30nm		5.4mb		1.1s	37.17nm	5.3mb	
SQTA	42.91	302 iPc	51 08.50	-0.9	BGF	48.66	303 eP	51 55.60	0.7	YKA	80.39	2 eP	55 21.60	0.3
	1.0s	12.10nm		4.6mb		1.1s	31.25nm		5.3mb		0.8s	22.70nm	5.2mb	
		i	51 19.50	39km	MAF	48.93	302 eP	51 57.20	0.2	POF	80.76	222 iPc	55 25.50	1.8
MOTA	42.96	302 iPc	51 09.00	-0.9		1.2s	57.70nm		5.5mb		0.4s	12.71nm	5.3mb	
SFI	43.04	297 P	51 11.90	1.6										

WRA 83.88 121 P 55 39.00 -1.1
0.6s 0.90nm 4.1mb X
WB2 83.89 121 iPd 55 38.60 -1.6
0.5s 8.20nm 5.1mb
ASPA 86.13 124 eP 55 50.60 -0.7
1.3s 11.60nm 5.0mb
FORT 87.50 132 eP 55 57.00 -0.7
ULM 91.68 350 eP 56 20.50 3.2X
SES 92.56 360 eP 56 23.00 1.6
SIV 131.15 282 ePKP 02 27.00 4.2X
ZOBO 136.76 287 PKP 02 34.90 0.7
Z 20s 0.20um 4.9Msz
LR 45 36.00
LPB 136.89 287 ePKP 02 41.00 6.8X
CNCB 136.96 287 PKP 02 36.00 1.5
MDZ 145.40 265 i(PKP) 02 48.50 0.0
PEL 146.95 265 iPKPd 02 54.00 3.1X
S.D. = 1.0 on 211 of 235 obs.

% DEC 17, 1992 18h 03m 38.07±0.69s
32.978 S ± 9.3km 138.851 E ± 7.6km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF AUSTRALIA (600)
ML 3.5 (BFD).

STKA 2.57 65 eP 04 23.50 3.1X
iPg 04 25.70
iS 04 54.90
BFD 5.17 145 eP 04 57.50 0.2
iS 05 51.00
CMS 6.10 78 eP 05 10.00 -0.4
e 05 38.20
eS 06 17.10
TOO 7.10 132 eP 05 25.00 0.4
ePg 05 41.00
eS 06 39.00
eSg 07 18.50
OLP 7.90 38 eP 05 37.00 1.2
e(S) 07 04.40
BWA 8.10 103 eP 05 40.10 1.5
eS 07 13.60
CAN 8.73 108 eP 05 45.00 -2.3
e(S) 07 12.70
eS 07 23.50
CNB 9.02 108 eP 05 47.60 -3.8X
0.3s 20.00nm 5.9mb X
e(S) 07 30.00
FORT 9.43 281 eP 05 58.00 1.0
0.2s 5.00nm 5.6mb X
eS 07 40.00
ASPA 10.25 334 iPd 06 09.80 1.5
eS 07 58.70
OIS 12.39 3 eP 06 37.00 -0.4
eS 08 50.00
WARB 12.59 299 eP 06 38.50 -1.6
WB2 13.59 342 iPc 06 51.90 -1.4
eS 09 15.00
MRWA 19.92 275 eP 08 13.00 0.2
S.D. = 1.4 on 12 of 14 obs.

? DEC 17, 1992 18h 25m 20.72±0.83s
17.057 S ± 18.8km 173.557 W ± 24.6km
DEPTH = 33.0km (normal)
4.8mb (6 obs.) 5.1Msz (1 obs.)
TONGA ISLANDS (173)

URZ 22.66 199 eP 30 20.10 -0.1
LTZ 28.35 202 eP 31 14.20 0.4
0.5s 24.00nm 5.1mb
WB2 49.33 258 eP 34 07.80 -1.3
0.9s 6.50nm 4.7mb
WRA 49.34 258 P 34 09.10 -0.1
0.8s 1.00nm 3.9mb
ASPA 49.48 253 iPc 34 09.90 -0.3
0.8s 17.80nm 5.1mb
BJI 86.49 314 eP 38 03.50 1.9
1.5s 29.00nm 5.3mb
YKA 91.67 23 eP 38 23.20 -2.3
0.8s 0.60nm 4.1mb
BSI 92.68 275 eP 38 37.00 5.8X
KSP 145.38 349 ePKP 44 55.20 -1.6
CLL 145.43 353 ePKP 44 57.00 0.2
PRU 146.51 351 ePKP 44 58.90 0.3
GRF 147.22 354 ePKP 45 07.00 7.2X
Z 19s 0.30um 5.1Msz
KHC 147.49 351 ePKP 45 02.00 1.7
1.4s 7.00nm

e 45 07.50
e 45 16.50
GEC2 147.75 351 PKP 45 02.00 1.2
1.1s 4.20nm
S.D. = 1.4 on 12 of 14 obs.

DEC 17, 1992 18h 56m 57.31±0.20s
8.270 S ± 3.7km 121.630 E ± 4.9km
DEPTH = 22.9km (11 depth phases)
5.6mb (65 obs.)

FLORES REGION, INDONESIA (286)
Felt (i) at Waingapu, Sumba.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 17C
Centroid Location:
Origin Time 18:57: 2.9 1.9
Lat 8.31S 0.10 Lon 121.92E 0.11
Dep 39.3 4.5 Half-duration 1.1
Moment Tensor: Scale 10**16 Nm
Mrr= 4.45 0.73 Mtt=-0.49 0.56
Mff=-3.96 0.77 Mrt= 4.03 1.18
Mrf= 1.73 1.10 Mtf= 8.51 0.96
Principal Axes:
T Val= 9.81 Plg=38 Azm=323
N 1.20 51 134
P -11.01 5 230
Best Double Couple: Mo=1.0*10**17
NP1: Strike=359 Dip=60 Slip= 154
NP2: 103 68 32

WSI 1.92 223 iPc 57 31.40 2.3
eS 57 53.70
KUG 2.70 134 eP 57 44.10 3.8X
e 04 00.00
MKS 3.71 325 ePc 57 56.80 2.2
iS 58 45.00
KHKI 5.96 269 ePc 58 25.20 -1.2
eS 59 53.70
TRT 8.93 273 ePd 59 10.50 2.6
SJI 9.78 272 iPc 59 25.00 5.2X
iS 01 21.50
KNA 10.19 137 iPc 59 14.90 -10.5X
eS 01 13.00
MTN 10.39 117 iPc 59 27.20 -0.9
eS 01 20.50
SWI 12.09 53 eP 59 51.00 -0.2
e 00 00.50
TSM 13.03 343 ePc 00 17.60 13.8X
KKM 15.21 339 ePc 00 39.50 6.9X
1.3s 416.60nm 5.6mb
e 00 49.50
NANU 15.37 202 eP 00 32.00 -2.5
0.3s 21.00nm 4.9mb
eS 03 11.00
DAV 15.75 15 eP 00 46.20 6.7X
WB2 16.92 135 iPc 00 51.00 -3.4X
i 00 53.50
eS 03 48.50
WARB 18.44 166 eP 01 13.00 -0.3
i 01 23.80
eS 04 35.00
MEEK 18.49 189 eP 01 12.00 -1.9
eS 04 17.00
ASPA 19.30 144 iPc 01 23.50 -0.3
1.0s 163.60nm 5.2mb
Z 18s 6.00um 4.1Msz
iS 04 50.00
PLP 19.59 10 ePd 01 27.50 0.4
KGM 20.92 298 eP 01 43.50 2.5
0.9s 158.00nm 5.4mb
OIS 21.24 127 eP 01 43.50 -0.7
eS 05 31.00
MRWA 21.50 194 iPd 01 46.90 0.1
0.5s 38.00nm 5.1mb
eS 05 35.00
PGP 21.64 358 ePd 01 49.20 1.0
COOL 22.50 181 eP 01 56.00 -0.8
eS 06 00.00
BAL 22.69 191 eP 01 58.70 0.1
QVP 22.75 358 eP 02 01.00 1.8
KLM 22.91 299 eP 02 01.50 0.7
FORT 23.19 166 eP 02 03.00 -0.4
0.6s 71.00nm 5.4mb
e 02 11.00 29km
KLB 23.48 188 eP 02 06.00 -0.3
0.4s 18.00nm 5.0mb

eS 06 12.00
MUN 24.12 191 iPd 02 13.10 0.6
0.6s 98.00nm 5.5mb
eS 06 36.00
IPM 24.19 301 ePc 02 14.30 1.0
1.2s 642.60nm 6.1mb
BAG 24.54 358 eP 02 17.50 0.6
BCP 24.55 358 eP 02 19.80 3.1X
PMG 25.25 94 eP 02 23.50 0.0
1.3s 161.54nm 5.5mb
CVP 25.81 0 ePd 02 35.00 6.4X
SNG 25.97 306 eP 02 32.00 1.8
eS 07 19.00
RKG 26.52 189 eP 02 38.00 2.9X
CTA 26.56 119 iPc 02 37.00 1.3
1.0s 17.50nm 4.7mb
iS 07 27.00
OLP 28.14 133 e(P) 02 55.00 5.1X
QIZ 29.51 337 Pd 03 03.00 0.7
1.2s 70.00nm 5.3mb
N 15s 1.38um
S 08 00.00
STKA 29.94 144 iPd 03 05.70 -0.4
eS 08 42.90
eScP 12 59.20
STK 29.94 144 P 03 06.59 0.5
NNT 30.05 313 iPc 03 08.40 1.2
ADE 30.05 152 e(P) 03 14.40 0.3
RMQ 31.48 129 eP 03 21.00 1.3
0.4s 15.00nm 5.2mb
e 04 05.00 215kmX
NST 31.93 318 eP 03 31.00 7.3X
GZH 32.20 346 iPd 03 27.60 1.6
LOE 32.21 322 iPc 03 27.50 1.3
CMS 32.27 139 iPc 03 27.10 0.5
0.9s 22.00nm 5.1mb
QZH 33.14 355 P 03 34.50 0.4
1.1s 100.00nm 5.7mb
BDT 33.81 319 eP 03 41.00 1.0
1.0s 207.00nm 6.0mb
BFD 34.47 150 iPc 03 45.90 0.3
1.0s 67.00nm 5.5mb
CHG 35.00 320 iPc 03 51.60 1.3
1.3s 240.87nm 6.0mb
eS 09 35.60
BRS 35.06 127 iPc 03 50.20 -0.6
1.0s 21.00nm 5.0mb
i 03 58.00 26km
ARMA 35.67 132 iPc 03 57.90 1.8
0.5s 13.00nm 5.1mb
BWA 35.83 140 eP 03 59.90 2.6
eP 04 04.90 17km
iPcP 06 25.70
TOO 36.30 147 iPc 04 03.20 2.0
0.6s 93.00nm 5.9mb
CAN 36.77 141 eP 04 07.10 1.9
eP 04 13.20 21km
e 05 25.10
iPcP 06 26.70
CNB 37.00 141 iPc 04 09.10 2.0
0.6s 28.00nm 5.3mb
GYA 37.46 338 iPc 04 12.60 1.5
1.2s 100.00nm 5.5mb
PP 05 41.00
HNR 37.87 95 eP 04 13.00 -1.6
KMI 37.95 331 Pc 04 18.00 2.6
2.0s 420.00nm 5.9mb
Z 18s 2.20um 5.0Msz
N 11s 0.60um
E 11s 0.40um
sP 04 33.00
SSE 39.14 359 Pc 04 26.00 1.0
1.2s 75.00nm 5.3mb
Z 20s 0.90um 4.6Msz
S 10 22.00
WHN 39.22 350 Pc 04 28.00 2.4
1.0s 270.00nm 5.9mb
Z 18s 1.21um 4.8Msz
NJ2 40.18 356 Pc 04 35.70 2.1
1.0s 72.00nm 5.4mb
iPp 04 46.00 35kmX
eS 10 42.00
CD2 42.56 337 iPc 04 54.10 0.9
XAN 43.77 345 iPc 05 03.50 0.5
1.2s 100.00nm 5.5mb
Z 20s 1.21um 4.8Msz
pP 05 09.50 20km

	0.8 s		1.30 nm		
KIC	126.80	272	PKP	16 00.40	-1.5
LIC	127.08	272	PKP	16 01.00	-1.4
Z	20 s		0.17 um		4.7 Msz
TIC	127.11	272	PKP	16 01.20	-1.3
MEO	134.69	48	iPKPc	16 05.50	-10.8 X
UYO	137.99	47	iPKPc	16 21.90	-0.7
HRV	143.98	17	ePKP	16 30.36	-2.5
LVNJ	144.46	22	ePKP	16 31.29	-2.5
PNJ	144.60	21	iPKP	16 32.61	-1.4
GTMN	144.61	21	iPKP	16 32.80	-1.2
NAV	144.65	32	ePKP	16 31.84	-2.4
BLA	144.93	31	iPKPd	16 33.23	-1.5
CVL	145.29	28	ePKPd	16 34.66	-0.6
CBN	145.61	27	iPKPc	16 36.30	0.5
	0.1 s		106.20 nm		
SLA	146.48	168	ePKPd	16 38.90	1.0
CEH	146.62	31	ePKP	16 36.85	-0.7
			ePKPbc	16 38.55	
JSC	146.63	36	ePKP	16 36.98	-0.6
LHS	146.75	35	ePKP	16 37.08	-0.7
VAO	146.98	200	ePKP	16 41.40	2.8 X
SGS	147.84	36	ePKP	16 39.04	-0.5
			ePKPbc	16 42.58	
YJA	148.95	167	ePKPd	16 45.00	2.7
ARE	152.21	152	ePKP	16 55.00	7.9 X
CCH	153.38	163	ePKP	16 58.00	9.3 X
LPB	153.54	159	PKP	16 56.00	6.9 X
ZOBO	153.76	158	iPKPc	16 50.00	0.4
	1.1 s		66.71 nm		
BDF	154.06	204	LR	10 08.00	
			e(PKP)	16 48.00	-1.4
			e	16 50.00	
			e	17 11.10	
BAO	154.12	203	PKPc	16 49.90	0.4
			e	17 24.90	
SIV	155.75	174	PKP	16 57.00	5.4 X
			i	17 25.00	
S.D. = 1.4 on 144 of 166 obs.					
% DEC	17, 1992	19 h	10 m	20.72 ± 1.02 s	
38.372 N ± 0.1 km 15.111 E ± 6.4 km					
DEPTH = 10.0 km (geophysicist)					
SICILY (398)					
ATN	0.35	127	P	10 28.50	0.6
			eSg	10 34.40	
MSI	0.39	116	P	10 29.50	0.8
			eSg	10 35.60	
MNO	0.55	217	P	10 31.10	-0.8
			eSg	10 38.90	
SOI	0.80	112	P	10 35.00	-1.3
			eSg	10 45.70	
GIB	0.94	246	P	10 39.40	0.8
			eSn	10 52.10	
MEU	1.28	187	P	10 39.20	-5.3 X
			eSg	10 52.50	
TDS	1.60	36	P	10 49.00	-0.1
			eSn	11 10.20	
S.D. = 1.1 on 6 of 7 obs.					
% DEC	17, 1992	19 h	25 m	06.14 ± 0.67 s	
32.473 S ± 0.2 km 69.723 W ± 7.1 km					
DEPTH = 120.0 km (geophysicist)					
MENDOZA PROVINCE, ARGENTINA (139)					
MD 3.5 (SAN).					
JACH	0.76	254	iP+	25 26.62	0.2
			iS	25 41.63	
MDZ	0.84	119	iP	25 27.70	0.7
			iS	25 56.30	
FCH	0.98	209	iP+	25 29.18	0.6
			iS	25 46.05	
PEL	1.05	230	iPd	25 29.11	0.1
			iS	25 46.18	
ROCH	1.19	245	iP+	25 30.61	-0.1
			iS	25 49.05	
PCH	1.32	210	iP+	25 32.41	0.4
			iS	25 52.95	
CFA	1.53</				

LNK 2.05 223 iPd 25 39.78 -0.8
 iS 26 05.49
 RFA 2.52 156 eP 25 46.10 -0.7
 (S) 26 25.00
 S.D. = 0.5 on 12 of 12 obs.

? DEC 17, 1992 20h 07m 27.51± 1.65s
 37.097 N ±12.0km 4.431 W ±11.6km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 mbLg 2.4 (MDD).

ELUQ 0.48 16 ePg 07 37.00 -0.3
 eSg 07 43.00
 ECOG 0.71 75 ePg 07 45.00 3.3X
 eSg 07 55.00
 EGUA 0.74 110 ePg 07 42.00 -0.1
 eSg 07 54.00
 EHOR 0.97 318 ePg 07 46.00 0.0
 eSg 07 57.00
 EBAN 1.18 25 ePg 07 49.90 0.3
 eSg 08 05.00
 S.D. = 0.4 on 4 of 5 obs.

? DEC 17, 1992 20h 22m 55.34± 4.16s
 15.321 N ± 6.6km 60.226 W ±41.1km
 DEPTH = 33.0km (normal)

LEEWARD ISLANDS (92)
 ML 2.8 (FDF).

CRM 0.87 230 iPc 23 10.96 -0.3
 S 23 20.80
 MVM 1.00 220 eP 23 13.20 0.1
 FDF 1.07 237 eP 23 13.94 -0.1
 S 23 25.00
 BIM 1.14 226 iPc 23 15.30 0.2
 S 23 28.80
 MGG 1.21 300 eP 23 15.97 0.0
 S 23 29.70
 DEG 1.27 321 eP 23 16.85 -0.1
 S 23 31.70
 DOG 1.52 298 eP 23 20.36 -0.1
 PAG 1.57 297 eP 23 21.50 0.2
 S.D. = 0.2 on 8 of 8 obs.

% DEC 17, 1992 20h 27m 58.53± 0.88s
 48.345 N ± 6.6km 0.350 W ± 8.4km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
 ML 2.4 (LDG).

LDF 0.29 31 Pg 28 04.40 -0.2
 Sg 28 08.50
 GRR 0.34 277 Pg 28 05.80 0.2
 Sg 28 10.80
 FLN 0.43 348 Pg 28 07.40 0.2
 Sg 28 13.40
 LPF 0.56 236 Pg 28 09.40 -0.5
 Sg 28 16.80
 MFF 1.75 175 Pg 28 29.40 0.3
 Sg 28 51.90
 S.D. = 0.5 on 5 of 5 obs.

? DEC 17, 1992 21h 16m 00.91± 0.62s
 8.570 S ±10.3km 122.769 E ±12.4km
 DEPTH = 33.0km (normal)
 5.0mb (3 obs.)

FLORES REGION, INDONESIA (286)

KUG 1.77 152 eP 16 37.00 7.2X
 WSI 2.68 246 e(P) 16 42.00 -0.7
 eS 17 15.00
 MKS 4.67 315 iPd 17 12.30 1.3
 KNA 9.23 141 eP 18 13.50 -1.4
 eS 19 57.00
 WB2 15.92 136 eP 19 40.50 -3.7X
 eS 22 27.30
 WARB 17.90 169 eP 20 10.50 1.4
 ASPA 18.41 146 eP 20 15.80 0.4
 0.6s 9.80nm 4.2mb
 Z 19s 0.30um 5.3msz
 eS 23 31.10
 CHG 35.95 319 eP 23 03.90 3.2X
 GUN 50.87 317 P 25 01.22 -0.2
 0.9s 27.00nm 5.2mb
 PKI 50.98 316 P 25 01.54 -0.6
 KKN 51.20 316 P 25 03.42 -0.3

DMN 51.21 316 P 25 03.46 -0.4
 1.2s 32.00nm 5.2mb
 GKN 51.78 316 P 25 07.54 -0.5
 LPB 152.84 157 PKP 35 51.00 0.9
 ZOBO 153.05 156 ePKP 36 00.00 9.3X
 S.D. = 1.0 on 11 of 15 obs.

* DEC 17, 1992 21h 32m 19.63± 0.49s
 8.303 S ± 8.1km 122.325 E ± 8.6km
 DEPTH = 33.0km (normal)
 4.6mb (2 obs.)

FLORES REGION, INDONESIA (286)

WSI 2.43 236 ePd 32 58.00 0.2
 eS 33 28.50
 MKS 4.17 317 iPc 33 23.20 0.6
 KNA 9.72 140 eP 34 38.50 -1.8
 eS 36 26.00
 MTN 9.76 118 iPc 34 41.70 0.8
 eS 36 32.00
 WB2 16.42 136 eP 36 05.70 -3.6X
 i 36 09.10
 iS 39 01.30
 WARB 18.25 168 eP 36 33.00 0.8
 ASPA 18.88 145 eP 36 40.00 0.1
 1.3s 24.80nm 4.3mb
 eS 40 01.70
 QIS 20.67 128 eP 37 00.00 0.5
 MRWA 21.64 195 eP 37 09.00 -0.2
 GUN 50.38 317 P 41 15.40 -0.9
 0.6s 9.00nm 5.0mb
 PKI 50.48 316 P 41 16.60 -0.5
 KKN 50.71 316 P 41 19.20 0.5
 DMN 50.71 316 P 41 19.40 0.6
 GKN 51.28 316 P 41 22.20 -0.8
 S.D. = 0.9 on 13 of 14 obs.

% DEC 17, 1992 21h 43m 38.81± 4.11s
 41.924 N ±29.4km 19.292 E ± 6.9km
 DEPTH = 5.0km (geophysicist)

ALBANIA (391)
 ML 1.8 (TTG).

ULC 0.05 321 iPg 43 40.33 0.0
 iSg 43 41.30
 BDV 0.50 316 iPg 43 48.73 -0.1
 iSg 43 56.09
 TTG 0.51 357 iPg 43 48.92 0.0
 iSg 43 56.87
 PVY 0.84 37 iPg 43 55.42 -0.2
 iSg 44 08.23
 NKY 0.91 346 iPg 43 56.60 -0.2
 iSg 44 10.39
 IVA 1.05 25 iPg 43 59.03 -0.1
 iSg 44 15.02
 BRY 1.12 331 iPg 44 00.29 -0.1
 iSg 44 17.04
 PLE 1.41 3 iPg 44 05.59 0.4
 iSg 44 26.80
 S.D. = 0.2 on 8 of 8 obs.

? DEC 17, 1992 21h 57m 33.50± 5.63s
 42.755 N ± 8.6km 20.210 E ±40.4km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

ML 1.6 (TTG).

PVY 0.24 228 iPg 57 37.89 -0.7
 iSg 57 44.57
 IVA 0.26 297 iPg 57 38.00 -1.0
 iSg 57 44.19
 TTG 0.77 245 iPg 57 49.06 0.5
 iSg 58 01.64
 PLE 0.83 314 iPg 57 50.01 0.4
 iSg 58 02.27
 NKY 0.89 274 iPg 57 51.49 0.8
 iSg 58 05.06
 BDV 1.13 246 iPg 57 55.03 0.4
 iSg 58 12.86
 BRY 1.23 277 iPg 57 56.70 0.2
 iSg 58 15.83
 S.D. = 0.8 on 7 of 7 obs.

DEC 17, 1992 22h 24m 06.27± 0.49s
 49.164 N ± 3.9km 6.841 E ± 5.6km
 DEPTH = 10.0km (geophysicist)

GERMANY (543)

ML 2.9 (STR), 2.8 (BNS). MD 2.4 (UCC).

RUP 0.56 15 ePg 24 17.12 -0.5
 LANF 0.66 106 Pg 24 18.68 -0.8
 WLF 0.67 318 iPd 24 19.30 -0.3
 iS 24 28.62
 SRBF 0.71 110 Pg 24 20.29 0.0
 Sg 24 31.01
 CDF 0.81 159 Pg 24 20.55 -1.4
 Sg 24 31.86
 WLS 0.82 156 Pg 24 20.97 -1.3
 Sg 24 32.54
 ABH 0.85 32 ePg 24 22.23 -0.5
 ECH 0.97 167 Pg 24 23.95 -0.8
 Sg 24 37.73
 VITF 1.10 211 Pg 24 25.99 -1.0
 Sg 24 40.87
 LIBD 1.13 153 Pg 24 27.61 0.1
 MOF 1.33 171 Pg 24 30.65 -0.2
 Sg 24 48.37
 BSF 1.33 181 Pg 24 30.67 -0.3
 Sg 24 48.61
 TNS 1.49 44 ePnc 24 34.70 1.6
 iSn 24 57.70
 iSg 25 03.40
 FEL 1.51 148 ePg 24 33.36 -0.1
 ENN 1.71 340 iPn 24 36.70 0.5
 0.7s 32.00nm
 i 24 38.80
 eS 25 01.00
 DOU 1.73 303 P 24 36.90 0.3
 i 24 39.10
 iS 24 57.80
 BBS 1.76 165 Pg 24 39.54 2.5
 SLE 1.78 141 ePd 24 38.70 1.4
 BNS 1.81 7 ePc 24 41.00 3.2X
 0.6s 70.00nm
 iS 25 05.00
 LOMF 1.81 180 Pn 24 37.29 -0.6
 ZLA 1.98 148 ePc 24 43.00 2.8
 WTS 2.83 360 eP 25 02.00 9.6X
 0.7s 9.00nm
 eS 25 39.00
 GRF 2.91 78 ePg 25 02.10 8.7X
 eSg 25 37.10
 VDL 3.21 146 ePc 24 58.40 0.5
 OSS 3.33 137 ePc 24 59.70 0.1
 KHC 4.42 88 ePn 25 13.50 -1.5
 eSg 26 03.20
 e 26 26.50
 GEC2 4.53 91 Pn 25 15.10 -1.4
 Pg 25 37.50
 Sn 26 06.20
 KBA 4.83 113 iPnc 25 21.60 0.7
 iPg 25 41.30
 iSn 26 15.80
 i(Sg) 26 42.30
 S.D. = 1.2 on 25 of 28 obs.

% DEC 17, 1992 22h 53m 15.56± 1.85s
 16.280 N ± 9.6km 61.638 W ±15.6km
 DEPTH = 10.0km (geophysicist)

LEEWARD ISLANDS (92)

ML 2.4 (FDF).

SEG 0.18 46 eP 53 19.81 0.3
 DOG 0.25 175 eP 53 20.93 0.1
 S 54 20.90
 PAG 0.25 189 ePc 53 20.59 -0.3
 S 53 25.40
 MGG 0.47 139 eP 53 25.50 0.3
 DEG 0.56 86 eP 53 26.25 -0.6
 S 53 35.36
 S.D. = 0.6 on 5 of 5 obs.

? DEC 17, 1992 22h 57m 41.87± 9.56s
 42.939 N ±55.4km 0.292 E ±73.3km
 DEPTH = 10.0km (geophysicist)

PYRENEES (378)

ML 2.6 (LDG).

EPF 0.10 21 Pg 57 43.20 -1.4
 Sg 57 46.20
 SALF 0.68 105 Pg 57 54.97 -0.5
 GRBF 0.92 96 Pg 57 59.72 0.2
 LPO 1.86 20 Pg 58 14.30 0.3

17d 22h

LFF 2.03 9 Pg 58 38.00 0.0
 CAF 2.36 32 Pg 58 23.50 2.2X
 RJF 2.52 20 Pg 58 25.60 2.0X
 Sg 58 57.80
 S.D. = 1.0 on 5 of 7 obs.

% DEC 17, 1992 23h 13m 27.97 ± 0.69s
 44.403 N ± 6.1km 7.284 E ± 8.3km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.1 (GEN).

STV 0.16 170 P 13 31.75 0.0
 PZZ 0.17 308 P 13 34.24 0.1
 ENR 0.20 151 P 13 34.82 0.1
 S 13 32.56 0.1
 S 13 35.52
 ROB 0.43 104 P 13 37.08 0.2
 S 13 43.40
 BHB 0.44 358 P 13 36.78 -0.1
 S 13 42.77
 IMI 0.66 138 P 13 40.81 -0.3
 S 13 49.44
 S.D. = 0.3 on 6 of 6 obs.

? DEC 18, 1992 00h 13m 17.51 ± 0.87s
 35.158 N ± 16.4km 67.910 E ± 9.6km
 DEPTH = 33.0km (normal)
 4.4mb (5 obs.)
 HINDU KUSH REGION, AFGHANISTAN (718)

QUE 5.02 190 eP 14 34.10 1.4
 eS 14 47.50
 MAIO 6.94 282 eP 14 56.00 -3.6X
 eS 16 34.00
 NDI 10.20 127 eP 15 45.50 0.8
 eS 17 47.00
 GKN 15.93 112 P 17 01.00 0.1
 0.6s 19.00nm 4.4mb
 DMN 16.49 112 P 17 07.80 -0.3
 KKN 16.53 112 P 17 08.20 -0.4
 0.8s 31.00nm 4.5mb
 PKI 16.74 112 P 17 10.60 -0.8
 0.8s 27.00nm 4.4mb
 GUN 16.92 110 P 17 13.20 -0.5
 1.0s 66.00nm 4.7mb
 KIC 72.19 265 PKP 24 41.00 -0.4
 TIC 72.25 266 PKP 24 41.10 -0.7
 LIC 72.50 265 PKP 24 41.20 -2.0
 YKA 82.67 1 eP 25 41.40 2.9
 1.0s 1.10nm 3.9mb
 S.D. = 1.4 on 11 of 12 obs.

* DEC 18, 1992 00h 42m 40.71 ± 0.60s
 20.242 S ± 23.5km 177.413 W ± 14.2km
 DEPTH = 500.0km (geophysicist)
 4.7mb (7 obs.)

FIJI ISLANDS REGION (181)

DZM 15.17 260 iPc 45 55.90 2.8
 STKA 38.40 244 iPc 49 20.20 0.5
 ASPA 45.12 256 iPc 50 12.70 -0.7
 0.3s 9.00nm 4.8mb
 eS 56 08.60
 WB2 45.17 262 iPd 50 12.60 -1.2
 0.4s 19.40nm 5.0mb
 WRA 45.18 262 P 50 13.10 -0.8
 0.7s 1.10nm 3.5mb X
 PLM 78.57 48 eP 53 51.73 0.3
 ORV 79.12 41 (P) 53 54.99 1.1
 LGPM 79.16 39 eP 53 55.20 0.9
 MDJ 80.62 325 eP 54 01.80 0.2
 0.8s 15.00nm 4.5mb
 TUC 82.39 52 eP 54 12.45 1.5
 CP2 83.71 12 ePc 54 15.82 -1.3
 CRP 83.73 12 eP 54 15.52 -1.6
 TIY 87.52 312 Pc 54 36.50 0.6
 FBA 87.87 12 ePd 54 35.23 -1.6
 0.7s 9.43nm 4.7mb
 LRM 88.16 39 eP 54 39.60 0.7
 BW06 88.40 43 eP 54 40.38 0.3
 XAN 88.41 307 P 54 39.70 -0.4
 0.6s 9.00nm 4.8mb

CHG 90.67 290 eP 54 50.60 -0.1
 SES 91.34 36 eP 54 54.00 0.8
 RSSD 92.59 44 eP 54 59.68 0.4
 1.2s 9.27nm 4.7mb
 YKA 96.05 25 eP 55 13.10 -1.2
 0.6s 0.30nm 3.7mb
 HFS 139.37 351 ePKP 01 01.30 -10.2X
 0.4s 1.40nm
 OJC 147.12 340 ePKP 01 25.70 0.7
 WIT 147.34 355 ePKP 01 28.50 3.3X
 KSP 147.60 344 iPKPd 01 28.80 3.0X
 i 01 32.70
 CLL 147.93 348 iPKPd 01 28.80 2.5
 0.9s 39.00nm
 WTS 148.14 355 ePKP 01 29.50 2.9X
 0.8s 23.00nm
 BRG 148.14 346 iPKP 01 29.60 3.0X
 MOX 148.83 349 ePKP 01 31.70 4.0X
 1.0s 16.00nm
 PRU 148.83 345 iPKPd 01 31.30 3.6X
 0.7s 9.60nm
 ENN 149.42 356 ePKP 01 33.00 4.4X
 0.8s 12.00nm
 GRF 149.82 349 iPKPd 01 34.20 4.9X
 e 01 41.90
 KHC 149.86 346 PKP 01 33.80 4.4X
 0.9s 8.00nm
 e 01 45.50
 GEC2 150.10 345 PKP 01 28.80 -1.0
 0.8s 0.45nm
 DOU 150.17 357 PKP 01 34.90 5.2X
 WLF 150.50 355 PKP 01 37.00 6.8X
 FLN 151.44 4 ePKP 01 37.30 5.6X
 0.8s 23.90nm
 LDF 151.63 4 ePKP 01 37.70 5.7X
 0.4s 3.55nm
 CDF 151.64 353 ePKP 01 38.00 5.9X
 0.6s 5.05nm
 GRR 151.78 5 ePKP 01 38.30 6.1X
 0.6s 11.25nm
 LPF 152.12 5 ePKP 01 39.10 6.4X
 0.5s 12.85nm
 HAU 152.14 355 ePKP 01 39.00 6.2X
 0.5s 4.30nm
 BSF 152.27 354 ePKP 01 39.20 6.1X
 0.5s 1.80nm
 LOR 153.02 358 ePKP 01 41.10 7.1X
 0.5s 0.85nm
 SSF 153.24 359 ePKP 01 41.70 7.4X
 0.6s 1.80nm
 LBF 153.30 358 ePKP 01 42.50 8.1X
 0.6s 2.00nm
 BCAO 157.91 227 ePKPd 01 40.20 -1.1
 0.5s 8.00nm
 ic 02 16.40
 LIC 164.23 151 PKP 01 47.00 -0.7
 KIC 164.48 152 PKP 01 47.00 -0.9
 TIC 164.60 150 PKP 01 47.30 -0.8
 S.D. = 1.2 on 28 of 50 obs.

& DEC 18, 1992 01h 08m 23.41s
 60.432 N 150.782 W
 DEPTH = 37.6km
 KENAI PENINSULA, ALASKA (14)
 <AEIC>. ML 2.7 (AEIC).

SLKM 0.29 74 iP 08 31.11 -0.3
 NKA 0.38 324 iP 08 33.89 1.4
 BRKL 0.67 184 eP 08 35.52 -1.0
 MPA 0.71 85 iP 08 36.14 -0.8
 eS 08 45.98
 REF 0.95 274 iP 08 39.82 -0.8
 DFR 0.96 280 iP 08 39.68 -0.9
 PTE 0.97 63 iP 08 39.76 -0.9
 SPU 0.98 321 iP 08 40.03 -0.8
 eS 08 53.70
 RSO 0.98 273 iP 08 40.17 -0.8
 RS2 0.98 273 iP 08 40.19 -0.8
 RDN 0.98 276 iP 08 40.00 -1.0
 RED 0.99 270 eP 08 40.05 -1.0
 RDW 1.01 274 iP 08 40.46 -0.9
 PMS 1.01 36 P 08 40.40 -0.9
 SUA 1.04 1 iP 08 40.89 -0.9
 CKT 1.04 318 iP 08 40.87 -0.9
 CKN 1.05 320 iP 08 41.40 -0.5
 CGLM 1.06 326 iP 08 41.42 -0.7

NCT 1.07 278 iP 08 41.32 -0.9
 CRP 1.07 322 P 08 41.90 -0.4
 S 08 56.90
 CKL 1.08 316 iP 08 41.48 -0.9
 CP2 1.10 320 eP 08 42.23 -0.5
 ILIM 1.14 253 iP 08 42.24 -1.0
 BGL 1.15 317 iP 08 42.50 -0.8
 INE 1.20 253 iP 08 42.95 -1.1
 INW 1.23 254 iP 08 43.42 -1.1
 PWA 1.30 19 P 08 45.00 -0.4
 PLRM 1.42 34 eP 08 46.12 -0.9
 OPT 1.46 239 eP 08 47.31 -0.3
 KNK 1.50 48 iP 08 47.36 -1.0
 LTI 1.51 104 eP 08 45.97 -2.4
 KNIM 1.51 92 iP 08 45.89 -2.6
 SKT 1.60 347 iP 08 49.38 -0.3
 GHO 1.62 33 P 08 49.20 -0.9
 MTU 1.63 105 P 08 48.40 -1.7
 AUE 1.69 232 eP 08 51.72 0.7
 AUL 1.70 233 eP 08 50.77 -0.4
 AUH 1.72 233 eP 08 51.07 -0.4
 AUW 1.72 233 iP 08 51.08 -0.4
 SML 1.82 40 eP 08 51.75 -1.2
 PDB 1.83 251 eP 08 52.56 -0.4
 GLI 1.87 75 iP 08 50.92 -2.7
 SYI 2.00 205 eP 08 54.50 -1.0
 HIN 2.12 89 eP 08 53.93 -3.3
 FID 2.15 80 eP 08 54.22 -3.3
 SCM 2.19 49 eP 08 54.83 -3.4
 MCNL 2.19 237 iP 08 57.58 -0.6
 VLZ 2.29 70 eP 08 57.44 -2.1
 MID 2.45 112 P 09 10.60 8.8
 CVA 2.49 85 eP 08 58.81 -3.6
 KLU 2.60 64 eP 08 02.08 -1.9
 HUR 2.61 12 eP 09 06.47 2.3
 TOA 2.79 51 P 09 05.80 -0.9
 RAGM 3.03 88 eP 09 06.10 -4.0
 TRF 3.04 4 eP 09 11.51 1.1
 TZL 3.05 56 eP 09 09.76 -0.7
 KTH 3.13 359 eP 09 11.96 0.3
 KAIM 3.22 96 eP 09 05.67 -7.1
 HMT 3.24 89 eP 09 09.91 -3.1
 SDG 3.28 48 eP 09 13.47 -0.1
 GLB 3.55 70 eP 09 14.64 -2.9
 PAX 3.59 43 eP 09 16.97 -1.2
 62 obs. associated

% DEC 18, 1992 01h 38m 24.04 ± 0.68s
 37.061 N ± 7.1km 4.459 W ± 5.4km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 2.7 (MDD).

ELUQ 0.52 17 iPg 38 34.90 0.3
 eSg 38 42.30
 EPRU 0.63 261 ePg 38 37.00 0.4
 eSg 38 45.90
 ECOG 0.74 73 ePg 38 39.90 1.2
 eSg 38 49.80
 EGUA 0.75 107 ePg 38 37.50 -1.2
 eSg 38 48.30
 EHOR 0.99 321 ePg 38 42.00 -0.7
 eSg 38 55.00
 EJIF 1.01 233 ePg 38 43.50 0.3
 eSg 38 57.70
 EBAN 1.22 26 ePn 38 46.40 -0.4
 eSn 39 03.60
 EHUE 1.66 63 ePn 38 53.80 0.3
 eSn 39 15.20
 S.D. = 0.9 on 8 of 8 obs.

& DEC 18, 1992 01h 57m 20.84s
 59.987 N 141.407 W
 DEPTH = 7.4km
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 2.9 (AEIC), 2.8 (PGC).

YAH 0.41 336 iP 57 29.42 0.2
 CYK 0.55 281 iP 57 31.71 -0.2
 S 57 40.87
 PCA 0.59 79 eP 57 32.53 -0.1
 SNH 0.74 286 iP 57 34.75 -0.9
 eS 57 46.54
 BCPM 0.89 91 iP 57 37.29 -0.9
 CTGM 0.98 2 iP 57 38.79 -1.0
 eS 57 52.90

PNL 1.06 107 iP 57 39.73 -1.4
eS 57 54.73
BALM 1.15 337 iP 57 41.13 -1.6
CRQM 1.16 313 iP 57 40.99 -1.8
HON 1.39 112 eP 57 44.39 -2.2
eS 58 03.01
HMT 1.47 285 iP 57 46.23 -1.5
KAIM 1.52 269 eP 57 47.27 -1.1
RAGM 1.68 285 iP 57 49.11 -1.7
S 58 11.83
GLB 1.88 322 eP 57 52.01 -1.6
S 58 17.27
SGAM 1.96 287 eP 57 53.94 -0.9
HYT 2.11 65 P 57 56.90 -0.2
Lg 58 24.70
CVA 2.24 286 eP 57 56.31 -2.4
HIN 2.58 281 eP 58 01.01 -2.6
PLBC 2.61 100 P 58 02.70 -1.4
Lg 58 38.50
FID 2.63 289 eP 58 02.95 -1.5
KLU 2.68 306 iP 58 03.59 -1.6
VLZ 2.69 297 eP 58 03.11 -2.1
VZW 2.76 295 eP 58 04.09 -2.3
TZL 2.84 318 eP 58 05.48 -1.9
GLI 2.96 290 eP 58 05.97 -3.1
TOA 3.14 315 P 58 10.60 -1.1
KNIM 3.18 279 eP 58 09.22 -3.0
LTI 3.24 274 eP 58 10.44 -2.5
SDG 3.24 324 eP 58 11.46 -1.6
SCM 3.43 305 eP 58 13.89 -2.0
KNK 3.75 295 eP 58 18.58 -1.7
SML 3.85 301 eP 58 19.73 -2.0
PTE 3.88 286 eP 58 18.98 -3.1
MPA 4.00 281 eP 58 19.95 -3.8
SEW 4.04 275 eP 58 20.57 -3.7
GHO 4.09 299 P 58 24.20 -0.9
PLRM 4.11 296 eP 58 24.04 -1.3
SLKM 4.42 281 eP 58 25.88 -4.0
38 obs. associated

DEC 18, 1992 02h 13m 24.89±0.63s
34.090 N ± 7.7km 136.650 E ± 7.5km
DEPTH = 374.0 ± 6.0 km
4.4mb (18 obs.)

WESTERN HONSHU, JAPAN (232)

WKYJ 0.89 279 P 14 13.70 0.4
S 14 49.40
MAT 2.76 27 iPd 14 24.70 0.2
IS 15 11.20
MDJ 11.84 335 eP 16 04.50 -1.1
1.0s 39.00nm 4.8mb
SNY 12.88 311 iPc 16 18.00 0.2
1.0s 35.00nm 4.7mb
CN2 13.03 321 P 16 20.10 0.6
0.8s 9.60nm 4.3mb
NJ2 15.06 267 Pc 16 40.00 -1.3
1.0s 32.00nm 4.7mb
BJI 17.37 296 eP 17 04.00 -1.2
1.2s 36.00nm 4.6mb
WHN 19.17 266 iPc 17 24.50 1.3
1.0s 93.00nm 5.1mb
TIY 19.93 287 eP 17 31.20 0.6
HHC 20.98 296 P 17 40.00 -0.8
0.8s 16.00nm 4.4mb
XAN 22.95 278 P 17 59.00 -0.3
1.0s 14.00nm 4.3mb
CD2 27.86 273 iPd 18 42.70 -0.9
0.8s 48.00nm 4.9mb
GTA 29.85 291 P 19 01.00 0.0
1.0s 9.00nm 4.1mb
CHG 36.80 255 eP 20 00.70 0.7
GUN 43.59 276 P 20 56.00 0.4
PKI 44.10 276 P 20 59.00 -0.6
KKK 44.13 276 P 21 00.00 0.3
DMN 44.34 276 P 21 01.40 0.0
GKN 44.58 277 P 21 03.40 0.2
WB2 53.78 183 iPc 22 11.00 -0.4
0.2s 33.70nm 5.3mb
WRA 53.78 183 P 22 12.60 0.4
0.7s 4.10nm 3.9mb
GBA 57.08 264 P 22 35.70 -0.1
ASPA 57.50 183 eP 22 38.20 -0.2
0.5s 10.20nm 4.5mb
YKA 68.27 28 eP 23 48.30 0.5
0.8s 0.80nm 3.5mb
KAF 69.10 332 eP 23 53.60 0.7

NUR 70.67 331 eP 24 03.00 0.7
0.2s 2.80nm 4.6mb
HFS 75.11 334 eP 24 28.00 0.2
0.3s 0.80nm 3.9mb
NAO 75.62 336 P 24 30.80 0.1
0.6s 1.20nm 3.8mb
TNP 80.75 50 eP 24 56.62 -2.3
GEC2 83.07 326 P 25 12.40 1.9
0.7s 0.55nm 3.4mb
e 25 14.70
S.D. = 0.9 on 30 of 30 obs.

* DEC 18, 1992 02h 18m 00.60±0.33s
57.261 S ± 9.1km 25.821 W ± 8.6km
DEPTH = 53.0km (3 depth phases)
5.4mb (5 obs.)

SOUTH SANDWICH ISLANDS REGION (153)

NVL 20.83 145 eP 22 39.00 -0.5
1.2s 45.00nm 4.7mb
e 22 51.00 51km
e 23 17.00
e 23 29.00
SPA 32.92 180 iPd 24 32.40 0.8
0.5s 101.85nm 5.9mb
VAO 37.52 327 eP 25 12.60 1.6
BDF 44.74 329 Pd 26 11.00 0.6
e 26 18.00 23kmX
e 26 27.60
BAO 44.79 329 Pd 26 11.70 0.9
e 26 12.90 4kmX
e 26 18.80
e 26 24.10
e 26 26.70
e 26 35.80
e 26 54.80
SIV 48.96 313 eP 26 47.00 3.6X
i 28 12.00 428kmX
SLR 49.47 74 iPc 26 46.50 -0.9
0.7s 23.97nm 5.3mb
CCH 49.84 306 P 26 49.80 -0.7
LPB 51.46 304 P 27 03.00 0.0
ZOBDO 51.69 305 iPc 27 04.00 -1.0
LR 40 04.00
ARE 53.07 301 eP 27 15.00 0.1
BUL 54.24 70 iPd 27 23.00 -0.3
CIR 55.06 74 iPd 27 29.00 -0.1
LIC 65.50 23 Pc 28 40.00 -0.2
Z 20s 0.09um 4.0Msz
KIC 65.70 23 Pc 28 41.10 -0.4
0.9s 30.50nm 5.3mb
TIC 65.91 23 Pc 28 42.70 -0.2
LWI 69.70 60 iPc 29 08.10 1.2
BCAO 71.16 47 iPc 29 15.50 0.0
0.5s 35.00nm 5.5mb
id 29 32.50 62km
ic 29 54.20
SDV 75.40 314 iPc 29 40.00 -0.4
STKA 90.57 169 eP 31 01.80 3.8X
i 31 15.60 46km
ASPA 97.60 161 P 31 30.80 0.4
WRA 101.32 161 Pd diff 32 05.30 18.3X
0.7s 0.70nm
PV10 117.94 298 ePKPc 36 42.90 0.5
MSU 119.57 296 PKP 36 45.40 -0.1
RSSD 120.16 305 PKP 36 45.50 -0.9
DUG 121.19 297 PKP 36 48.60 0.2
BW06 121.63 301 PKP 36 48.00 -1.2
ULM 121.64 315 ePKP 36 51.50 2.8X
LRM 125.29 301 ePKP 36 56.60 0.4
e 37 14.20
KAF 125.73 27 ePKP 36 55.20 -1.1
0.5s 8.70nm
YKA 137.57 317 ePKP 37 12.80 -6.0X
0.5s 6.40nm
NJ2 145.07 121 PKPc 37 33.00 0.1
isPKP 37 51.00
SSE 145.33 125 PKPd 37 33.00 -0.4
TIY 146.40 107 PKPd 37 36.40 1.3
BTO 147.25 101 PKP 37 39.00 2.6
TIA 147.62 115 ePKP 37 40.00 3.0X
HHC 148.25 103 PKP 37 41.40 3.4X
BJI 150.07 109 ePKP 37 46.00 5.4X
KLU 150.15 304 PKP 37 45.80 5.6X
TOA 150.46 305 ePKP 37 44.90 4.2X
PMR 151.64 303 ePKP 37 49.30 7.0X
0.9s 25.40nm

PMS 151.73 302 ePKP 37 49.80 7.2X
SLKM 151.81 300 PKP 37 49.00 6.3X
FBA 151.89 310 ePKP 37 49.20 6.6X
0.6s 17.50nm
KDC 151.96 294 ePKP 37 50.10 7.2X
CRP 152.94 301 PKP 37 51.20 6.7X
CP2 152.98 301 PKP 37 51.60 7.0X
IMA 154.49 312 ePKP 37 55.50 9.1X
0.8s 6.00nm
SVW 154.52 300 ePKP 37 55.50 9.1X
TTA 155.08 304 ePKP 37 57.50 10.3X
ADK 162.36 265 PKP 37 53.50 -2.2
S.D. = 1.0 on 31 of 51 obs.

? DEC 18, 1992 02h 28m 29.61±3.67s
47.805 N ±10.4km 1.726 W ±33.3km
DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 2.9 (LDG).
LPF 0.51 63 Pg 28 40.00 0.0
Sg 28 49.80
GRR 0.82 45 Pn 28 45.90 0.4
Pg 28 46.10
Sg 28 58.60
FLN 1.27 40 Pn 28 52.90 -0.2
Pg 28 54.10
Sg 29 12.20
LDF 1.33 53 Pn 28 54.00 -0.2
Pg 28 55.50
Sg 29 15.20
MFF 1.61 138 Pg 28 58.20 0.0
Sg 29 19.60
LSF 2.72 124 Pg 29 19.20 5.1X
Sn 29 44.20
Sg 29 53.80
TCF 3.09 118 Pg 29 26.70 7.4X
Sg 30 06.20
LFF 3.34 148 Pg 29 28.70 5.9X
Sg 30 12.40
RJF 3.36 137 Pg 29 29.50 6.4X
Sg 30 13.40
BGF 3.36 110 Pg 29 31.70 8.5X
Sg 30 16.20
S.D. = 0.3 on 5 of 10 obs.

DEC 18, 1992 03h 14m 04.24±0.08s
6.487 S ± 2.2km 147.144 E ± 2.6km
DEPTH = 29.3km (14 depth phases)
6.0mb (97 obs.) 6.0Msz (68 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)
ML 6.1 (PMG). Some minor damage
(VI) at Loe. Felt (III) at
Finschhafen and Goroka.
FAULT PLANE SOLUTION: P-Waves
NP1: Strike=104 Dip=77 Slip= 149
NP2: 202 60 15
Principal Axes:
T P1g=31 Azm= 59
P 11 156
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: 4 Focal mech. F
Energy 2.8±1.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sto: 14
Moment Tensor; Scale 10**18 Nm
Mrr= 0.40 Mtt=-0.20
Mff=-0.20 Mrt= 1.00
Mrf=-0.15 Mtf=-1.27
Principal axes:
T Val= 1.66 P1g=35 Azm= 37
N 0.01 49 253
P -1.66 18 141
Best Double Couple: Mo=1.7*10**18
NP1: Strike=184 Dip=51 Slip= 14
NP2: 86 79 140
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 63C M.W.: 13S, 15C
Centroid Location:
Origin Time 03:14: 6.7 0.2

18d 03h

Lat 7.01S 0.02 Lan 147.21E 0.03	MBL 30.19 238 iPd 20 02.70 -11.8X	0.6s 131.00nm 5.9mb
Dep 19.9 1.2 Half-duration 2.7	BFD 30.83 187 eP 20 19.00 -1.0	NIIJ 44.16 351 P 22 12.50 0.4
Moment Tensor: Scale 10**18 Nm	1.1s 365.00nm 6.1mb	GZH 44.22 313 iPc 22 13.50 0.7
Mrr= 0.66 0.02 Mtt=-0.84 0.02	TOO 30.98 183 iPc 20 21.50 0.2	Z 20s 5.99um 5.5MsZ
Mff= 0.19 0.03 Mrt= 1.58 0.12	0.7s 187.00nm 6.0mb	N 14s 1.79um
Mrf=-0.32 0.05 Mtf=-0.36 0.02	TSM 31.12 289 ePc 20 24.00 1.2	E 14s 3.96um
Principal Axes:	1.0s 469.10nm 6.3mb	S 28 43.00
T Val= 1.80 Plg=54 Azm= 28	VUN 32.62 113 iPc 20 35.00 -0.8	KGM 44.56 279 ePc 22 17.50 1.8
N 0.06 16 275	PGP 32.72 307 eP 20 36.00 -0.7	1.0s 160.70nm 5.8mb
P -1.86 32 175	KKM 33.28 291 ePc 20 42.00 0.2	e 22 28.50 38km
Best Double Couple: Ma=1.8*10**18	1.2s 532.70nm 6.3mb	QIZ 44.65 305 Pd 22 17.00 0.6
NP1: Strike=223 Dip=20 Slip= 36	MEEK 33.75 230 iPd 20 35.90 -9.8X	1.0s 83.00nm 5.6mb
NP2: 99 79 106	TRT 34.26 266 ePd 20 52.50 2.4	N 17s 2.71um
	COOL 34.39 222 eP 20 51.00 -0.2	E 14s 1.50um
	0.4s 33.00nm 5.6mb	PP 24 00.00
LAT 0.23 219 iPc 14 03.30 -7.4X	NANU 34.41 239 iPd 20 51.30 0.0	S 28 50.00
FINC 0.72 100 iPc 14 17.50 -0.7	CVP 34.69 314 ePd 20 54.80 1.1	SSE 44.87 328 Pc 22 18.00 0.1
YYYY 1.19 282 eP 14 27.90 2.8	BAG 34.76 311 ePc+ 20 53.50 -1.1	1.5s 670.00nm 6.3mb
MDG 1.83 312 iPd 14 39.00 4.8X	1.6s 726.67nm 6.4mb	Z 20s 14.60um 5.9MsZ
PMG 2.90 180 iPd 14 49.30 -0.1	eS 26 21.00	N 16s 12.40um
WWKK 4.52 309 eP 15 22.90 10.4X	PIP 35.95 314 eP 21 02.00 -2.5	YAMJ 44.92 352 eP 22 19.50 1.2
RAB 5.49 66 iPc+ 15 29.00 2.8	MRWA 37.07 229 eP 21 11.00 -2.8	OFUJ 45.62 354 P 22 24.40 0.6
iS 16 40.00	0.5s 55.00nm 5.7mb	NJ2 46.86 327 iPc 22 34.00 0.3
SVO 12.83 103 eP 17 12.00 4.6X	KLB 37.12 224 eP 21 13.00 -1.2	1.3s 250.00nm 6.1mb
eS 19 45.00	BAL 37.30 226 eP 21 15.00 -0.7	N 19s 8.96um
HNR 13.01 104 eP 17 13.00 3.1X	0.7s 184.00nm 6.0mb	eS 29 23.00
eS 19 51.00	MUN 38.42 225 eP 21 25.00 -0.1	AOMJ 47.23 353 eP 22 33.10 -3.3X
CTA 13.55 184 iPc 17 18.00 1.0	Z 20s 44.10um 6.3MsZ	IPM 47.33 282 ePd 22 38.90 1.1
CTAO 13.55 184 iPd 17 17.50 0.6	N 20s 26.50um	SNG 48.36 286 eP 22 47.20 1.5
QIS 15.78 207 iPd 17 45.10 -1.1	E 20s 23.50um	1.5s 955.56nm 6.6mb
0.6s 35.00nm 4.7mb X	RKG 39.41 221 eP 21 34.00 0.6	eS 28 48.00
MTN 17.00 247 iPc 18 04.30 2.7	0.6s 104.00nm 5.8mb	WHN 48.40 321 Pc 22 46.50 0.7
0.8s 558.00nm 5.7mb	TATO 40.02 322 ePc 21 38.98 0.5	1.4s 350.00nm 6.2mb
WB2 18.26 222 iPd 18 16.00 -1.2	KAGJ 40.56 338 eP 21 43.70 0.9	Z 20s 6.88um 5.6MsZ
eS 21 31.70	QRZ 41.03 150 eP 21 46.80 0.2	E 16s 3.67um
WRA 18.26 222 P 18 16.39 -1.0	0.8s 302.00nm 6.1mb	pP 22 58.00 41kmX
AAI 19.08 277 eP 18 30.00 2.7	DSZ 41.39 152 eP 21 48.20 -1.4	S 29 46.00
RMQ 19.95 176 iPd 18 36.20 -0.8	0.8s 195.00nm 5.9mb	HOOJ 48.76 356 eP 22 49.30 1.0
0.3s 113.00nm 5.7mb	DIW 41.71 149 eP 21 53.10 0.9	MCQ 48.81 171 iPd 22 49.50 0.9
eS 26 32.20	KUMJ 41.80 339 P 21 53.20 0.3	MRRJ 48.99 354 iPd 22 50.80 0.7
GUA 20.02 354 eP 18 38.50 0.8	QZH 41.81 319 iPc 21 53.80 0.6	KUSJ 49.40 358 iP+ 22 53.20 0.0
1.2s 1350.00nm 6.2mb	1.4s 280.00nm 5.8mb	ASAJ 50.53 356 iP+ 23 02.90 1.0
Z 17s 63.54um 6.0MsZ X	Z 32s 7.86um 5.4MsZ X	LOE 50.75 299 eP 23 05.20 1.1
PJG 20.07 354 eP 18 39.00 0.7	E 18s 9.02um	NNT 50.79 292 iPc 23 05.80 1.5
QLP 20.18 188 iPd 18 39.00 -0.3	S 28 10.50	e 30 48.60
KNA 20.23 241 eP 18 38.00 -1.9	THZ 41.93 151 eP 21 53.60 -0.4	TIA 50.96 329 Pc 23 04.50 -0.8
TNE 21.06 289 eP 18 51.50 3.1X	0.8s 90.00nm 5.6mb	1.7s 220.00nm 5.8mb
ASPA 21.30 215 iPd 18 50.60 -0.4	WKYJ 41.93 346 P 21 59.60 5.5X	Z 20s 16.40um 6.0MsZ
0.9s 1015.70nm 6.2mb	TKSJ 42.12 344 P 21 57.30 1.8	N 16s 4.47um
Z 17s 132.20um 6.4MsZ X	TCW 42.20 149 eP 21 55.10 -1.0	E 16s 6.58um
eS 22 44.90	KIW 42.27 148 eP 21 57.00 0.3	S 30 15.00
BRS 21.47 166 iPd 18 50.00 -2.6	MNG 42.39 148 eP 21 57.00 -0.8	DL2 50.99 334 iPc 23 05.00 -0.4
0.5s 54.00nm 5.2mb	LTZ 42.41 152 P 21 58.90 0.9	1.2s 290.00nm 6.1mb
i 18 59.00 33km	0.8s 98.00nm 5.6mb	Z 20s 9.85um 5.8MsZ
i 19 23.00	MRW 42.43 149 eP 21 57.40 -0.6	N 17s 17.60um
iS 22 45.00	NOZ 42.46 143 eP 21 59.10 0.8	E 18s 8.81um
BKM 23.40 120 iPd 19 13.70 1.9	CAW 42.53 148 eP 21 59.40 0.5	sP 23 23.00
PVC 23.49 120 iPc 19 13.80 1.2	IIDJ 42.64 349 P 21 57.80 -2.1	S 30 20.00
KUG 23.57 260 eP 19 19.50 6.1X	KHZ 42.73 151 eP 22 00.00 -0.5	GYA 51.11 312 iPc 23 07.00 0.2
0.7s 23.00nm 4.8mb X	BWZ 42.79 156 eP 22 01.50 0.6	1.6s 260.00nm 5.9mb
e 29 00.00	PGZ 42.82 147 eP 22 02.40 1.2	Z 20s 8.75um 5.8MsZ
KUPT 23.57 260 eP 19 19.50 6.2X	MOW 42.85 149 P 22 01.00 -0.5	N 18s 3.33um
0.7s 410.80nm 6.1mb	KAKJ 42.97 352 P 22 01.70 -0.7	E 18s 3.19um
ARMA 24.18 171 iPd 19 19.60 0.3	MHZ 42.99 157 eP 22 01.90 -0.8	pP 23 20.00 48kmX
0.6s 190.00nm 5.8mb	CHJJ 43.00 350 P 22 01.60 -1.1	PP 25 08.00
DZM 24.24 132 iPd 19 19.40 -0.5	LRCZ 43.02 157 eP 22 03.00 0.0	S 30 26.00
iS 23 36.00	SBCZ 43.02 157 eP 22 02.10 -0.9	KUR 51.49 1 iPc+ 23 10.00 0.9
CMS 24.90 183 iPd 19 25.90 -0.2	SHK 43.03 342 iPc 22 02.80 -0.2	1.2s 2220.00nm 7.0mb
0.6s 153.00nm 5.8mb	1.2s 187.50nm 5.7mb	Z 20s 7.90um 5.7MsZ
DAV 25.39 302 eP 19 32.40 1.5	CMCZ 43.06 157 eP 22 03.40 0.1	N 20s 6.30um
BIP 25.45 305 ePc 19 29.00 -2.4	TSRJ 43.10 347 P 22 04.00 0.5	E 20s 9.40um
STKA 25.79 191 iPd 19 33.50 -1.0	HKC 43.14 313 iP 22 06.00 1.9	eS 30 31.00
iS 24 00.30	SHNJ 43.15 340 P 22 03.80 -0.2	NST 51.50 296 eP 23 17.00 7.3X
RIV 27.46 173 iPc 19 52.60 2.8	SHNJ 43.15 340 P 22 04.00 0.0	SNY 52.69 338 iPc 23 17.00 -1.3
Z 20s 19.22um 5.7MsZ	BCZ 43.25 159 eP 22 05.00 0.3	2.0s 770.00nm 6.3mb
eS 24 32.80	MOZ 43.31 153 eP 22 06.00 0.8	Z 22s 18.00um 6.1MsZ
MKS 27.56 271 iPd 19 52.40 1.5	YONJ 43.41 344 P 22 06.20 0.1	N 18s 6.19um
BWA 27.83 178 eP 19 53.00 -0.2	ODZ 43.52 156 eP 22 06.70 -0.2	E 18s 5.00um
i 19 56.20 11kmX	MAJO 43.61 350 ePc 22 06.77 -1.0	pP 23 25.20 27km
PLP 28.18 308 ePc 19 56.00 -0.5	ed 22 16.12 31km	ScP 23 28.40
CAN 28.75 177 iPd 20 00.80 -0.6	MAT 43.61 350 iPc 22 07.10 -0.6	S 24 25.00
iP 20 06.50 20km	1.3s 294.23nm 5.9mb	S 30 44.00
i 20 25.80	Z 20s 9.22um 5.7MsZ	BDT 53.09 297 eP 23 23.00 1.4
CNB 28.76 176 iPd 20 01.50 -0.1	eS 28 37.00	1.1s 341.00nm 6.2mb
1.0s 171.00nm 5.7mb	MTMJ 43.73 349 P 22 08.50 -0.3	BSI 53.10 282 ePc 23 22.00 0.2
ADE 29.39 194 iPd 20 06.50 -0.8	TUZ 43.87 157 eP 22 08.80 -0.9	MDJ 53.27 344 iPc 23 21.91 -0.6
FORT 30.08 214 eP 20 12.00 -1.4		1.2s 140.00nm 5.8mb
0.6s 86.00nm 5.7mb		

Z 28s	13.20um	5.8MszX	PET	60.08	8 iPc+	24 10.00	-0.8	1.0s	190.00nm	6.1mb					
N 16s	3.30um			1.0s	230.00nm		6.3mb	Z 20s	3.48um	5.6Msz					
E 18s	4.36um				e	24 51.00	176kmX	E 16s	1.87um						
	ed	23 29.11	24km		e	26 30.00			pP	25 40.70	18kmX				
	S	30 52.00			ePPP	27 50.00			sP	25 44.50					
KMI	53.41	308 Pc	23 25.00	0.9	eS	32 24.00			PcP	25 51.70					
	1.4s	220.00nm	5.9mb		e	33 48.00			ePP	28 21.50					
Z 26s	7.20um	5.6MszX	HON	60.48	61 P+	24 19.76	5.6X		S	35 02.00					
N 16s	2.50um			Z 20s	13.72um		6.1Msz		sS	35 12.00					
E 16s	2.70um			DHH	60.63	61 (P)	24 13.92	-1.3	SKS	35 36.00					
	sP	23 40.00		AFR	62.43	106 iPc	24 26.40	-1.0	ScS	35 40.00					
	PP	25 26.00		1.4s	416.50nm		6.4mb		SS	39 48.00					
YSS	53.41	356 ePc	23 22.90	-0.6	PAE	62.62	106 iPc	24 27.70	-0.9	UER	73.44	329 iPc	25 34.70	-0.8	
Z 18s	7.00um	5.8Msz	PPT	62.62	106 iPc	24 28.10	-0.6	1.9s	250.00nm	5.9mb					
N 18s	82.00um		PPN	62.76	106 iPc	24 28.90	-0.6	Z 19s	5.00um	5.8Msz					
E 18s	1.10um			1.5s	555.70nm		6.5mb	N 20s	2.80um						
	ed	23 30.35	24km	TVO	62.94	107 iPc	24 30.30	-0.5	E 19s	5.33um					
	ed	23 33.33			1.5s	739.60nm	6.6mb		e	25 50.00	55kmX				
	eSP	23 34.00		GTA	63.20	320 iPc	24 32.50	0.2	e	28 25.00					
	eS	30 52.50			1.5s	90.00nm	5.7mb		eS	35 03.00					
CHG	53.74	299 ePc	23 26.70	0.3	Z 18s	4.57um	5.7Msz		e	35 44.00					
	1.2s	234.38nm	6.1mb		E 14s	2.09um			e	39 50.00					
CN2	53.76	341 Pc	23 25.00	-1.1		pP	24 40.00	24km	e	42 54.00					
	1.2s	98.00nm	5.7mb			sP	24 42.50		SDN	75.25	28 eP	25 44.72	-1.2		
Z 20s	12.80um	6.0Msz				S	33 04.00			1.4s	402.46nm	6.2mb			
N 17s	6.25um					sS	33 15.00		NDI	75.75	302 iPd	25 49.00	-0.4		
E 17s	1.69um					SS	37 10.00			0.8s	246.27nm	6.3mb			
	eSP	23 40.00		SMY	63.29	18 iPd	24 33.06	0.6		eS	35 28.00				
	PcP	24 30.00			1.3s	883.31nm	6.7mb		POO	76.38	291 iP	25 52.20	-0.9		
	PP	25 29.00		Z 19s	11.23um		6.1Msz			1.2s	668.75nm	6.5mb			
	eS	30 58.00		PMO	64.20	103 iPc	24 40.00	1.0		iS	35 36.00				
	sS	31 16.00			1.5s	1270.30nm	6.8mb		BOM	77.41	291 iP	25 59.00	0.2		
	SS	34 40.00		VAH	64.45	104 iPc	24 41.30	0.6		eS	35 48.00				
XAN	54.15	321 iPd	23 28.00	-1.2		1.7s	767.60nm	6.5mb	ELT	78.41	328 iPc	26 03.00	-0.6		
	1.5s	410.00nm	6.2mb		TPT	64.46	103 iPc	24 41.70	0.9		1.4s	174.00nm	5.9mb		
Z 18s	6.07um	5.7Msz				1.5s	839.90nm	6.6mb		Z 18s	3.10um		5.7Msz		
N 16s	4.37um			LSA	64.65	307 iPc	24 43.00	0.6		e	29 00.00				
E 16s	2.91um				1.3s	100.00nm	5.8mb			eS	35 55.00				
	pP	23 37.50	31km	N 12s	2.62um				TIK	78.89	354 iPc+	26 05.00	-0.9		
	sP	23 43.50			64.69	104 iPc	24 42.90	0.6		1.6s	195.00nm	5.9mb			
	PP	25 32.00			1.2s	379.60nm	6.4mb		Z 18s	4.00um		5.8Msz			
	S	31 00.00		CSY	64.84	195 eP	24 41.20	-1.2		i	26 16.00	36km			
	sS	31 20.00			1.0s	56.20nm	5.6mb			iS	36 16.00				
	SS	34 40.00		CIT	64.92	338 iP	24 44.00	0.7		e	36 54.00				
BJI	54.39	331 eP	23 30.00	-0.8		e	33 24.00		PRZ	78.99	315 iPd	26 09.00	1.7		
	2.0s	1730.00nm	6.7mb			e	37 26.00			1.7s	780.00nm	6.4mb			
Z 24s	12.70um	5.9MszX	ADK	65.85	24 eP	24 48.62	-0.5		(S)	36 05.00					
N 19s	6.65um			1.4s	323.86nm		6.2mb	ANM	79.12	19 eP	26 07.70	0.4			
E 17s	6.06um		MGD	66.44	2 iPc+	24 52.00	-0.7	KSH	79.78	312 Pc	26 13.00	1.4			
	ePP	25 32.00		1.0s	220.00nm		6.2mb		1.2s	180.00nm	6.0mb				
	eS	31 08.00		Z 17s	7.30um		6.0MszX		Z 20s	4.40um		5.8Msz			
	eSS	34 50.00		N 17s	8.10um				N 20s	4.10um					
TIY	54.59	326 Pc	23 32.00	-0.4	E 17s	1.50um			E 20s	4.40um					
	1.4s	170.00nm	5.9mb			e	25 26.00	140kmX		PP	29 20.00				
Z 20s	10.50um	5.9Msz				e	27 20.00			S	36 16.00				
N 17s	6.92um					eS	33 26.00			SKS	36 20.00				
	S	31 12.00				ePS	33 58.00		KDC	80.28	28 eP	26 13.69	0.0		
CD2	55.71	314 iPd	23 40.30	-0.4		e	34 48.00			1.4s	75.09nm	5.5mb			
	1.2s	290.00nm	6.2mb		ZAK	68.13	331 iPc+	25 03.60	0.0		80.61	24 eP	26 15.52	0.0	
Z 18s	8.24um	5.9Msz				1.8s	469.00nm	6.3mb	SVW	80.61	24 eP	26 15.52	0.0		
E 16s	5.93um					Z 19s	11.66um	6.1Msz		1.0s	109.81nm	5.8mb			
	S	31 26.20				N 19s	7.62um		TTA	81.44	23 eP	26 19.68	-0.1		
HHC	57.32	328 iPc	23 51.70	-0.4		E 19s	11.75um			1.5s	74.08nm	5.5mb			
	1.4s	250.00nm	6.1mb				e	27 32.00	FRU	81.75	315 iP	26 22.40	0.6		
Z 30s	9.03um	5.7MszX					ePPP	29 17.00		1.8s	360.00nm	6.1mb			
N 18s	3.73um						eS	34 00.00			e	36 40.00			
E 19s	4.13um								MAW	81.86	203 iP	26 24.50	2.7		
	PcP	24 45.00		GUN	68.25	303 P	25 05.20	-0.1		1.0s	125.00nm	5.9mb			
	S	31 46.00		PKI	68.53	303 P	25 06.40	-0.6	BGL	82.04	25 eP	26 21.54	-1.4		
BTO	57.96	327 iPd	23 55.50	-1.0		68.71	303 P	25 07.80	-0.1	CP2	82.10	25 iPd	26 22.50	-1.0	
N 16s	3.13um					68.79	303 P	25 08.00	-0.5	CRP	82.14	25 eP	26 21.72	-1.9	
E 18s	4.57um					68.95	333 iP+	25 07.00	-1.6	SLKM	82.62	26 eP	26 24.35	-1.6	
	pP	24 04.00	28km			1.8s	154.00nm	5.8mb		SPA	83.55	180 iPd	26 31.00	0.2	
	PP	26 05.00				Z 20s	8.07um	6.0Msz			0.6s	390.24nm	6.7mb		
	S	31 49.00				N 18s	2.78um			Z 22s	5.40um		5.9Msz		
	SS	35 40.00					e	25 18.10	37km		i	54 33.80			
LZH	58.67	319 Pc	24 01.80	0.1			e	25 32.90		PMR	83.58	26 eP	26 29.10	-1.6	
	1.6s	390.00nm	6.3mb				eS	34 06.00			1.4s	181.92nm	6.0mb		
Z 20s	5.13um	5.6Msz					ePS	34 27.00			Z 21s	6.87um		6.0Msz	
N 17s	3.39um						e	34 50.00				PP	29 46.61		
E 15s	2.13um										S	37 07.91			
	pP	24 10.00	27km			GKN	69.32	303 P	25 11.40	-0.2		eP	26 31.84	-1.0	
	sP	24 13.00				BOD	69.45	342 iPc	25 10.60	-1.0	IMA	83.96	21 eP	26 31.84	-1.0
	ScP	28 50.00					1.4s	301.00nm	6.2mb		1.3s	85.36nm	5.8mb		
	PcS	28 52.50				HYB	71.76	291 iPc	25 26.70	0.3		84.81	301 iPd-	26 40.00	2.1
	eS	32 04.00					1.3s	800.00nm	6.6mb			e	37 07.00		
	SS	36 00.00				GBA	72.01	286 P	25 28.70	0.9	KLU	84.93	26 iPc	26 37.48	-0.2
						SBA	72.06	176 iPc	25 29.00	1.9	TOA	85.07	26 eP	26 39.10	0.8
						VMO	73.25	319 iPc	25 35.00	0.2	COL	85.57	23 ePc	26 39.43	-1.3

18d 03h

FBA	85.57	23	iPc	26	39.12	-1.6	MTA	103.50	311	ePdiff28	02.00	-1.8	SLM	119.29	49	PKP	33	00.00	7.3X	
	1.0s		77.23nm			5.9mb	SRU	103.63	51	ePdiff28	05.59	0.8	Z	20s		4.78um		6.1Msz		
NRI	85.64	342	iPc+	26	39.80	-1.2	TUC	103.63	58	Pdiff	28	10.00	5.2X	FVM	119.33	50	ePKP	32	51.95	-0.9
	1.4s		232.00nm			6.2mb	Z	20s		9.51um		6.3Msz	Z	19s		11.28um		6.5Msz		
			e	26	55.00	53kmX	BW06	104.14	48	ePdiff28	06.81	-0.2	KKB	119.36	315	iPKPd	32	52.00	-0.8	
			e	29	55.00			1.1s		19.33nm		5.9mb	BUD	119.90	322	ePKP	32	52.50	-1.0	
			(PPP)	31	58.00		PYA	104.61	314	ePdiff28	07.00	-1.7	KSP	119.92	326	iPKP	32	53.50	0.0	
			e	37	00.00		Z	20s		2.50um		5.7Msz				e	34	45.00		
			eS	37	07.00					e	32	28.00	AKU	120.00	353	ePKP	32	50.50	-2.6	
BRW	85.84	16	eP	26	42.42	0.5	OBN	106.99	326	ePdiff28	17.00	-2.0		1.0s		28.00nm				
BALM	86.37	27	iPd	26	44.83	-0.1	ALO	107.13	56	PKP	32	40.00	10.1X	SRO	120.19	323	iPKP	32	53.00	-1.1
BRVK	87.31	324	iPc	26	48.00	-1.5	Z	20s		3.58um		5.9Msz	MUD	120.21	335	ePKPc	32	53.60	-0.2	
	1.0s		71.00nm			5.9mb	ALO	107.13	56	Pdiff	28	23.39	3.0X		1.0s		24.00nm			
Z	20s		4.38um			5.9Msz	ALO	107.13	56	PKP	32	30.13	0.2	LIT	120.36	313	ePKP	32	53.90	-0.8
			eS	37	10.00		Z	22s		0.96um		5.3Msz	ELC	120.44	50	ePKP	32	53.77	-1.1	
SIT	88.67	32	P	27	10.00	14.2X	GOL	107.56	51	PKP	32	40.00	9.3X	SKO	120.48	315	iPKP	32	54.20	-0.7
Z	20s		3.07um			5.7Msz	Z	20s		1.97um		5.7Msz				i	44	00.00		
SIT	88.67	32	P	26	44.97	-10.8X	GOL	107.56	51	PKP	32	36.28	5.6X				i	50	45.00	
Z	22s		3.30um			5.7Msz	Z	19s		0.90um		5.3Msz	UZD	120.56	321	ePKP	32	52.00	-2.8	
CRZF	88.98	224	iP	27	12.00	14.4X	GLD	107.67	50	PKP	32	40.00	9.2X	GRT	120.57	52	ePKP	32	54.71	-0.5
			iS	50	08.00		Z	19s		7.76um		6.3Msz	ZST	120.74	323	ePKP	32	55.00	-0.1	
			iSS	54	30.00		GLD	107.67	50	(PKP)	32	32.61	1.8				e	34	20.80	
MAIO	91.90	306	iPc	27	10.20	-1.3	Z	19s		7.40um		6.3Msz	AGG	120.82	312	iPKP	32	55.01	-0.6	
			eS	37	50.00		RSSD	107.98	46	Pdiff	28	25.16	1.1	FNA	120.93	314	ePKP	32	54.96	-0.9
ASH	92.99	308	eP	27	16.00	-0.3	RSSD	107.98	46	ePKP	32	30.23	-1.1	VKA	121.17	324	ePKP	32	56.00	0.0
SVE	93.46	327	iPc	27	17.00	-1.1	Z	20s		10.47um		6.4Msz				i	33	08.00		
	2.0s		160.00nm			6.1mb				SP	42	12.07	BRG	121.18	327	e(PKP)	32	56.00	0.1	
			e	31	12.00					SS	48	34.94	Z	20s		6.00um		6.2Msz		
			e	38	27.00		DAG	109.34	357	ePdiff28	27.00	-2.0	N	20s		3.50um				
			e	39	31.00		Z	20s		2.84um		5.8Msz	E	20s		2.50um				
			e	44	36.00		N	20s		1.84um			IVA	121.21	317	iPKPc	32	55.70	-0.6	
LGPM	94.22	49	iPd	27	23.27	1.2				esP	32	31.40	OHR	121.23	315	iPKP	32	55.50	-0.9	
WDC	94.41	50	P	27	30.00	7.2X	KAF	109.79	335	ePdiff28	29.50	-1.8		1.3s		116.00nm				
Z	20s		12.47um			6.4Msz		0.6s		7.80nm			PVY	121.27	316	iPKPc	32	56.06	-0.4	
PGC	94.43	42	eP	27	26.50	3.8X	KAF	109.79	335	ePKP	32	34.20	0.4	PRU	121.32	326	PKPc	32	56.10	-0.1
ARU	94.54	326	eP	27	22.00	-1.1		0.6s		5.50nm				1.5s		41.50nm				
	1.8s		350.00nm			6.5mb	FCC	110.18	29	ePKP	32	39.00	4.4X	Z	19s		4.20um		6.1Msz	
Z	20s		5.00um			6.0Msz	CIR	111.14	245	iPKPc	32	41.10	3.5X	N	19s		3.20um			
E	22s		6.00um							i	33	24.80		E	20s		3.10um			
			e	27	32.00	31km	ULM	112.05	38	ePKP	32	40.50	2.0				e	33	03.80	
			e	31	10.00		MNK	112.38	326	ePKP	32	38.00	-0.9	PLE	121.38	317	iPKPc	32	56.56	-0.1
GMW	94.78	43	iPd	27	24.93	0.5				e	49	00.00	CLL	121.45	328	iPKPc	32	56.20	-0.2	
COE	94.82	53	(P)	27	25.92	1.1	SLR	112.59	239	iPKPd	32	41.00	0.6		1.2s		67.00nm			
ARN	94.94	53	eP	27	26.48	1.1		1.0s		30.00nm			Z	20s		3.50um		6.0Msz		
ORV	95.13	51	iPd	27	26.76	0.6	MEO	113.57	55	iPKPc	32	42.00	0.0	TTG	121.82	317	iPKPc	32	56.92	-0.4
LMEM	95.14	50	eP	27	27.25	0.8	KIS	113.82	319	ePKP	32	43.00	1.0	NKY	121.85	317	iPKPc	32	57.02	-0.5
RMW	95.44	43	eP	27	27.98	0.4				e	32	49.00		ULC	122.00	316	iPKPc	32	57.17	-0.6
CMB	95.89	52	iP	27	30.27	0.5				e	33	37.00		IGT	122.11	313	ePKP	32	58.44	0.4
Z	19s		7.80um			6.2Msz	BUL	114.05	245	iPKPc	32	44.20	0.8	BRY	122.12	317	iPKPc	32	57.20	-0.9
			PP	31	36.63		TUL	115.63	53	Pdiff	29	09.00	11.0X	BDV	122.17	317	iPKPc	32	57.20	-0.9
			SP	40	35.20		TUL	115.63	53	ePKPc	32	45.50	-0.3	KHC	122.31	326	iPKPc	32	58.50	0.3
BCH	95.95	55	eP	27	31.76	1.6		1.2s		58.80nm			Z	20s		6.50um		6.3Msz		
PKEM	95.99	54	(P)	27	28.71	-1.5	Z	20s		4.60um			N	20s		3.80um				
VGB	96.04	45	eP	27	30.74	0.5				PP	33	47.00		E	20s		4.20um			
MEMM	97.02	53	eP	27	35.82	1.1				SKS	43	44.00					e	33	06.00	
SHI	97.17	299	eP	27	36.00	0.1				S	45	39.00		HCY	122.33	317	iPKPc	32	57.36	-1.0
ISA	97.29	55	ePc	27	37.40	1.2				LR	08	35.00		GEC2	122.39	325	e(PKP)	32	58.60	0.2
Z	19s		4.51um			6.0Msz	LNO	115.63	53	ePKPc	32	45.20	-0.5		0.5s		11.30nm			
			SP	40	26.69		HFS	116.05	336	ePKP	32	44.60	-1.2	GEC2	122.39	325	PKP	33	07.10	8.7X
MTUM	97.30	53	eP	27	37.43	1.1	Z	19s		5245.00um		9.2MszX	GEC2	122.39	325	e(PKP)	33	10.80	12.4X	
BONR	97.53	53	(P)	27	38.64	1.1				LR	14	18.00			0.8s		17.00nm			
DPW	97.89	43	eP	27	38.35	-0.2	MLR	116.22	318	ePKPc	32	47.00	0.2	PTJ	122.50	321	iPKP	32	58.80	0.1
PEC	98.30	57	eP	27	40.84	0.2	NAO	116.74	338	PKP	32	46.90	-0.2	ZAG	122.52	321	iPKP	32	59.00	0.4
	1.2s		21.60nm			5.6mb		1.3s		24.50nm			MOX	122.55	328	iPKPd	32	58.80	0.3	
TNP	98.39	53	(P)	27	41.47	0.2				ePKPc	32	50.00	2.0		1.6s		73.00nm			
	0.8s		4.85nm			5.1mb	CMP	116.90	318	ePKPc	32	47.60	-1.0	Z	21s		4.10um		6.1Msz	
NEW	98.62	42	iPc	27	42.01	0.2	UYO	117.04	55	iPKPc	32	49.00	0.2	HOF	122.60	328	ePKP	32	59.00	0.4
	1.1s		53.68nm			6.0mb	UZH	117.43	322	ePKP	32	49.00	0.2	WET	122.69	326	ePKP	32	59.30	0.4
GSC	98.64	55	eP	27	43.41	1.1	DIM	117.57	314	ePKP	32	49.00	-0.3	GRF	123.29	327	iPKPc	33	00.10	0.1
TPNV	99.13	54	P	27	50.00	5.4X	MIAR	117.68	54	ePKP	32	49.64	-0.1	Z	22s		5.00um		6.1Msz	
Z	18s		6.41um			6.2Msz	Z	19s		6.66um		6.3Msz				e	33	07.90		
YKA	99.53	28	eP	27	45.40	-0.2				PP	34	01.40					e	33	11.60	
	1.0s		13.00nm			5.4mb				SP	43	52.08		HVAR	123.40	318	iPKP	32	59.90	-0.5
GLA	100.22	58	ePdiff127	50	68	1.1	KDZ	117.77	314	ePKP	32	50.00	0.3		1.0s		4.71nm		5.1mb	
HVU	101.81	49	ePdiff127	57	31	0.8	LWI	117.84	264	iPKPd	32	52.10	1.1	RBL	123.69	323	PKP	33	00.10	-0.9
DUG	101.82	50	ePdiff127	56	99	0.4	POF	118.00	232	iPKPd	32	52.60	2.1	EEO	123.72	37	ePKP	33	03.50	2.6
	1.0s		4.71nm			5.1mb		1.0s		20.00nm			DLA	123.93	42	PKP	33	00.95	-0.5	
HHA	102.04	47	ePdiff127	59	64	2.1	OJC	118.24	325	ePKP	32	50.40	0.1	TRI	123.94	322	ePKP	33	01.30	-0.1
PTI	102.07	48	(Pdiff127	59	12	1.4	RZN	118.26	314	iPKPd	32	51.00	0.1				e	39	04.00	
SES	102.50	40	ePdiff127	59	00	-0.3	PGB	118.38	315	ePKP	32	51.00	0.1				e	44	56.00	
			pP	28	06.00															

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Z	21s	8.00um		6.4Msz	Z	23s	5.60um	6.2MszX	PAB	138.27	326	iPKPd	33	30.00	1.0		
ACTO	124.58	40 PKP	33	01.66	-1.0	AUTN	128.67	323 PKP	33	11.13	0.3	ePP	36	20.00			
BNS	124.62	330 ePKPc	33	00.30	-2.2	HBF	128.69	53 ePKP	33	11.45	0.6	ePS	46	40.00			
Z	21s	9.90um		6.4Msz	SBF	128.74	323 PKP	33	10.87	0.1	LPB	138.31	124 ePKP	33	24.00	-6.1X	
TYNO	124.94	41 PKP	33	02.22	-1.1	SURF	128.75	324 PKP	33	11.67	0.7	Z	1.0s	120.00nm		5.9Msz	
OGA	124.96	325 ePKP	33	03.70	0.1	TOUF	128.76	323 PKP	33	11.13	0.1	Z	22s	2.22um			
STCO	125.34	40 PKP	33	02.94	-1.2	LBF	128.78	328 ePKP	33	10.30	-0.4			PP	37	06.00	
ENN	125.35	331 ePKP	33	04.00	0.1		1.1s	54.20nm						PS	45	04.00	
	1.0s	56.00nm			AURF	128.79	323 PKP	33	10.87	0.0			LR	20	08.00		
WLVO	125.49	39 PKP	33	03.55	-0.0	BCAO	128.82	270 ePKPc	32	57.10	-14.6X	ZOBO	138.40	123 PKP	33	21.80	-8.8X
LANF	125.52	328 PKP	33	04.89	0.5		0.8s	42.00nm					LR	20	26.00		
ARV	125.53	320 PKP	33	04.60	0.0			ic	33	11.90		ZOBO	138.40	123 iPKPc	33	29.56	-1.0
SRBF	125.54	328 PKP	33	04.33	0.0			ic	33	20.20			LR	20	26.00		
OSS	125.57	325 iPKPd	33	05.00	0.2			ic	35	22.00		EHUE	138.44	323 ePKP	33	21.50	-7.9X
RSM	125.63	321 PKP	33	05.60	0.9			ic	36	33.00		EPLA	138.83	328 ePKP	33	22.50	-7.5X
AQU	125.77	319 PKP	33	05.30	0.1	CBN	128.85	45 ePKP	33	11.00	0.0	BOG	138.95	90 ePKP	33	28.00	-3.3X
STR	125.79	328 PKP	33	04.64	-0.2	MVIF	128.89	323 PKP	33	11.13	0.0	ECOG	139.37	323 ePKP	33	29.20	-1.9
SDI	125.80	318 PKP	33	04.20	-1.0	SSF	128.97	329 ePKP	33	10.60	-0.4	CCH	139.45	126 ePKP	33	23.00	-9.0X
SLE	125.88	327 ePKPd	33	04.90	-0.3		1.5s	146.75nm				EGUA	139.67	323 ePKP	33	25.40	-6.1X
ASS	125.92	320 PKP	33	04.40	-1.0	SMF	129.07	328 ePKP	33	10.80	-0.4	EPRU	140.56	324 ePKP	33	28.00	-5.2X
WLF	125.95	330 iPKPd	33	06.22	1.1		1.6s	195.25nm				EVAL	140.99	326 ePKP	33	28.00	-5.9X
SFI	126.01	321 PKP	33	06.00	0.6	AVF	129.23	328 ePKP	33	11.00	-0.5	EJIF	141.06	324 ePKP	33	26.50	-7.5X
VDL	126.07	325 iPKPd	33	05.90	0.1		1.3s	40.05nm				IFR	142.80	320 iPKPd	33	36.00	-1.4
FEL	126.08	327 PKP	33	05.40	-0.3	LVNJ	129.38	41 ePKPd	33	12.16	0.2		i	33	41.50		
CRE	126.09	321 PKP	33	04.90	-0.9	FRF	129.38	323 ePKP	33	11.30	-0.6		i	33	50.00		
ZLA	126.10	326 ePKPc	33	05.90	0.3		1.5s	228.75nm				SIV	144.24	129 ePKP	33	42.00	1.9
WLS	126.11	328 PKP	33	05.32	-0.3	TBR	129.55	40 ePKP	33	12.20	-0.1	AVE	144.37	322 iPKP	33	38.50	-1.3
LLS	126.12	325 iPKPd	33	05.70	-0.2	SSB	129.56	326 PKP	33	12.79	0.5		i	34	02.80		
CDF	126.15	328 PKP	33	05.40	-0.3	LMR	129.59	323 ePKP	33	11.70	-0.6	PORP	145.12	68 PKP	33	40.20	-1.3
SNF	126.31	331 iPKPd	33	06.40	0.6		1.7s	244.85nm				SJG	145.55	67 iPKP	33	41.80	-0.5
ECH	126.33	328 PKP	33	05.83	-0.2	LRG	129.61	323 ePKP	33	11.90	-0.4	LPR	145.75	67 PKP	33	42.10	-0.5
DOU	126.44	331 ePKPc	33	07.30	1.2		1.5s	239.20nm				CPD	145.78	67 PKP	33	42.50	-0.2
FIR	126.45	321 e(PKP)	33	06.00	-0.3	Z	23s	3.70um		6.0MszX		TIO	145.84	319 iPKP	33	43.00	0.4
MCWV	126.48	45 PKP	33	20.00	13.5X	CBM	129.62	31 ePKP	33	11.59	-0.7		i	34	14.50		
Z	20s	4.99um		6.2Msz	Z	19s	5.95um		6.3Msz		VAO	147.61	155 ePKP	33	47.00	1.4	
RMP	126.49	318 PKP	33	06.20	-0.3	BGF	129.65	328 ePKP	33	12.10	-0.2		e	33	52.90		
MOF	126.56	327 PKP	33	06.42	-0.1		1.5s	204.75nm					e	33	56.00		
MME	126.58	322 PKP	33	07.40	0.5	LDF	129.71	332 ePKP	33	11.80	-0.6	NEV	149.10	67 ePKP	33	48.76	0.8
TMA	126.62	325 iPKPd	33	06.80	0.0		1.4s	95.85nm				ANTZ	149.15	318 iPKPd	33	49.00	1.2
PEL	126.69	140 iPKPd	33	07.50	0.3	FLN	129.75	333 ePKP	33	11.80	-0.6		i	33	54.00		
BDI	126.71	322 PKP	33	05.30	-1.6		1.6s	194.05nm				MGH	149.54	68 ePKP	33	48.50	-0.1
PRM	126.74	52 ePKPc	33	07.26	0.1	Z	20s	6.97um		6.4Msz		CPB	149.63	66 ePKP	33	49.30	0.6
		e	33	14.33		CDR	129.83	324 ePKPd	33	13.10	0.3	BPA	149.78	67 ePKP	33	48.00	-1.0
BSF	126.76	328 PKP	33	06.67	-0.3			e	37	35.80		PAG	150.22	69 ePKP	33	49.00	-0.7
NAV	126.76	48 ePKP	33	06.31	-0.9	COLF	129.87	327 PKP	33	13.64	0.8	DEG	150.72	68 ePKP	33	52.00	1.5
VAI	126.82	325 PKP	33	06.20	-0.7	MAF	130.01	328 ePKP	33	13.00	-0.1	FDI	151.04	71 ePKP	33	51.42	0.5
HAU	126.89	328 ePKP	33	06.40	-0.7		1.6s	134.35nm				GRW	151.04	77 ePKP	33	50.52	-0.5
	1.1s	106.00nm			TCF	130.16	329 ePKP	33	13.00	-0.3	TCE	151.13	80 ePKP	33	52.99	1.9	
Z	22s	4.70um		6.1Msz		1.0s	62.80nm				BIM	151.16	72 iPKPc	33	51.73	0.6	
PII	126.94	321 PKP	33	06.00	-1.2	GRR	130.19	332 ePKP	33	13.10	-0.2	SVB	151.24	74 ePKP	33	52.34	1.1
VITF	126.95	328 PKP	33	07.18	0.0		1.3s	114.10nm			CRM	151.25	71 ePKP	33	57.20	6.0X	
RFA	126.97	143 e(PKP)	33	08.20	0.5	MRA	130.26	143 e(PKP)	33	14.20	0.3	MVM	151.32	72 iPKPc	33	57.61	6.3X
BOB	127.03	323 PKP	33	07.10	-0.4	HRV	130.47	37 PKP	33	16.73	2.7	TPP	151.47	80 ePKP	33	54.04	2.5
LOMF	127.03	327 PKP	33	07.35	-0.1	Z	20s	4.29um		6.1Msz		TRN	151.48	80 ePKP	33	53.54	2.0
BLA	127.08	48 ePKPc	33	07.17	-0.6			PP	35	23.79		TBH	151.83	80 ePKP	33	54.89	2.7
		e	33	14.06				e	47	16.44		PIG	151.97	78 ePKP	33	57.03	4.7X
MMK	127.17	325 iPKPd	33	08.60	0.6	LSF	130.53	329 ePKP	33	13.50	-0.5	TPR	152.03	78 ePKP	33	54.67	2.2
ORO	127.41	325 PKP	33	07.10	-1.2		1.5s	108.65nm			KIC	152.06	271 PKP	33	52.70	0.2	
DIX	127.47	325 ePKPd	33	09.20	0.6	LPF	130.54	332 ePKP	33	13.70	-0.2	BOT	152.09	78 ePKP	33	57.45	5.0X
RSNY	127.53	37 ePKPc	33	08.21	-0.2		1.4s	201.25nm			LIC	152.34	271 PKP	33	53.20	0.3	
Z	21s	5.56um		6.2Msz	MFF	131.13	330 ePKP	33	14.90	-0.2	TIC	152.35	272 PKP	33	53.50	0.6	
		PP	35	18.11			1.4s	88.45nm			BAO	153.40	146 PKPd	33	55.00	0.5	
		eSKP	36	25.38		CAF	131.13	327 ePKP	33	15.40	0.2		e	33	57.00		
		SKKP	46	51.95			1.5s	120.65nm				e	34	01.00			
JSC	127.53	51 ePKP	33	08.69	0.0	RJF	131.17	328 ePKP	33	15.10	-0.2		e	34	02.80		
		i	33	15.59			1.4s	78.85nm				e	34	04.90			
EMS	127.75	326 ePKPd	33	09.50	0.5	Z	24s	3.85um		6.0MszX		e	34	07.80			
LHS	127.81	51 ePKP	33	09.27	0.1	LPO	131.76	328 ePKP	33	16.70	0.3		e	34	08.90		
		e	33	16.26			1.6s	167.30nm				e	34	17.70			
MDZ	128.01	141 i(PKP)	33	11.10	1.3	LFF	131.82	328 ePKP	33	16.40	-0.1		e	34	23.80		
CVL	128.18	46 ePKP	33	08.91	-0.9		1.5s	105.00nm				e	34	44.40			
LPG	128.19	325 ePKP	33	09.60	-0.4	MTHF	132.15	325 PKP	33	18.81	1.6		e	35	24.00		
	1.2s	47.30nm			LPA	132.51	152 ePKP+	33	16.00	-2.1		e	35	33.20			
LPL	128.19	325 ePKP	33	09.40	-0.5	Z	20s	2.84um		6.0Msz		e	35	59.00			
	1.4s	78.85nm						ePP	35	47.00		e	36	06.50			
DOI	128.48	324 PKP	33	09.30	-1.0	NNA	132.56	113 ePKP	33	19.20	0.4		e	36	39.00		
SGS	128.49	52 ePKP	33	11.21	0.7		1.1s	41.77nm				e	37	19.50			
BNI	128.49	325 PKP	33	10.40	0.0	EPF	133.32	327 ePKP	33	17.30	-2.2		e	37	54.00		
PGF	128.50	321 PKP	33	10.43	0.0	EGRA	134.23	326 ePKP	33	21.30	0.2		e	38	06.90		
CEH	128.58	49 ePKP	33	10.06	-0.6	ECRI	135.14	328 ePKP	33	24.70	1.7		e	38	08.90		
Z	21s	4.65um		6.1Msz	ARE	135.49	121 ePKP	33	13.00	-11.7X	BDF	153.42	146 PKPd	33	55.50	1.0	
		eSKP	36	23.94		ETOR	136.13	326 ePKP	33	14.00	-10.9X		e	33	57.00		
		e	36	29.99		ECHE	136.32	324 ePKP	33	25.00	-0.3		e	34	01.00		
		SKKP	46	33.67		YJA	137.18	133 ePKPc	33	15.50	-12.4X		e	34	02.80		
SAOF	128.59	323 PKP	33	10.87	0.4	GUD	137.40	327 ePKP	33	17.20	-10.2X		e	34	43.10		
LOR	128.66	329 ePKP	33	09.90	-0.5	EALH	137.70	322 ePKP	33	17.00	-10.9X		e	35	02.90		
	1.5s	145.20nm			EVIA	137.84	324 ePKP	33	19.90	-8.4X		e	35	13.90			

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e 35 21.90
e 36 03.00
e 36 10.50
e 37 16.00
MBO 162.51 298 iPKPc 34 07.20 2.2
S.D. = 1.0 on 450 of 505 obs.

DEC 18, 1992 04h 44m 02.76 ± 0.34s
34.425 N ± 6.6km 141.552 E ± 4.6km
DEPTH = 43.2km (3 depth phases)
4.6mb (20 obs.) 4.6msz (1 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

KAKJ 2.10 328 P 44 35.90 -0.2
CHJJ 2.65 308 P 44 44.30 0.3
S 45 18.30
MAT 3.45 309 iPc 44 55.70 0.3
iS 45 37.30
NIIJ 3.49 324 P 44 56.00 0.1
MTMJ 3.74 306 P 45 00.10 0.5
YAMJ 3.94 342 P 45 00.60 -1.6
S 45 46.60

OFUJ 4.65 1 P 45 07.60 -4.7X
S 45 58.30
WKYJ 4.94 269 P 45 18.10 1.7
TKSJ 6.23 268 P 45 37.50 2.9X
YONJ 6.70 279 eP 45 43.20 2.1
HOOJ 8.06 9 eP 45 53.10 -7.0X
eS 47 18.30

KUSJ 9.00 15 eP 46 05.30 -7.8X
eS 47 38.00
KUMJ 9.15 261 eP 46 16.90 1.7
KAGJ 9.54 253 eP 46 23.20 2.7X
ASAJ 9.72 5 eP 46 17.10 -5.8X
MDJ 13.72 321 eP 47 14.20 -2.5
CN2 15.59 312 eP 47 40.60 -0.5
1.0s 5.80nm 3.7mb
SNY 15.94 303 eP 47 45.00 -0.5
1.0s 12.00nm 4.0mb

BJI 20.94 293 eP 48 46.00 2.0
TIY 23.72 286 eP 49 11.70 0.0
HHC 24.52 294 P 49 21.00 1.5
1.2s 24.00nm 4.6mb
Z 16s 1.42um 4.6mszX
N 15s 0.36um
E 19s 1.79um

8TO 25.67 293 eP 49 30.50 0.1
XAN 26.92 279 eP 49 40.50 -1.3
LZH 30.71 284 eP 50 15.00 -1.0
1.4s 26.00nm 4.8mb
CD2 31.89 274 eP 50 23.40 -2.8
GTA 33.52 291 P 50 40.00 -0.5
1.0s 9.00nm 4.6mb
WMO 42.17 299 P 51 55.00 2.2
1.0s 49.00nm 5.2mb
Z 18s 0.73um 4.6msz

GUN 47.58 278 P 52 36.60 -0.1
PKI 48.09 278 P 52 39.80 -0.9
KKN 48.12 278 P 52 40.40 -0.3
DMN 48.33 278 P 52 42.00 -0.4
GKN 48.56 279 P 52 44.00 0.0
IMA 48.89 29 eP 52 45.50 -0.5
1.5s 6.31nm 4.4mb
FBA 51.26 31 eP 53 04.00 0.0
0.8s 4.48nm 4.5mb
WB2 54.50 188 iPc 53 26.90 -1.6
0.8s 11.90nm 5.0mb
WRA 54.50 188 P 53 27.40 -1.1
0.3s 3.70nm 4.9mb

ASPA 58.23 188 eP 53 54.10 -1.0
1.0s 8.10nm 4.8mb
HYB 58.28 270 eP 53 55.00 -0.8
1.0s 35.00nm 5.4mb
RMO 60.96 173 eP 54 13.80 0.0
GBA 61.16 267 P 54 15.80 0.4
RES 65.10 14 eP 54 41.00 0.4
1.0s 6.00nm 4.6mb
pP 54 53.50 43km

STKA 65.95 180 eP 54 51.80 5.4X
YKA 66.01 30 eP 54 44.60 -2.0
0.9s 1.40nm 4.0mb
NEW 71.93 44 eP 55 23.00 -0.5
1.0s 11.00nm 4.8mb
SES 74.09 39 eP 55 35.00 -1.1
LRM 75.94 44 eP 55 47.40 0.4
APO 76.13 336 eP 55 46.30 -1.2

0.6s 1.10nm 4.0mb
NAO 76.92 338 P 55 51.10 -0.8
0.9s 9.30nm 4.8mb
TNP 77.37 52 eP 55 56.50 1.4
HHA1 77.44 46 eP 55 56.69 1.4
HVU 78.08 47 eP 56 00.06 1.2
DUG 78.98 49 eP 56 04.19 0.4
BW06 79.41 45 eP 56 05.60 -0.6
0.8s 3.55nm 4.4mb

DAU 79.82 48 eP 56 10.00 1.5
MSU 80.37 50 eP 56 12.49 1.1
SRU 81.05 49 iPd 56 15.40 0.5
RSSD 81.70 42 eP 56 18.20 -0.1
1.3s 8.45nm 4.6mb
SPC 81.79 326 eP 56 32.00 13.5X
GLA 81.84 56 eP 56 20.00 1.1

PV09 82.28 48 eP 56 22.16 0.7
PV10 82.41 48 ePd 56 23.13 1.0
ZST 83.95 326 eP 56 30.40 0.9
KHC 84.82 329 eP 56 34.00 0.1
i 56 47.00 44km
GEC2 84.99 328 P 56 34.80 0.0
1.0s 1.35nm 4.0mb
e 56 47.70 43km

ZOBO 147.84 63 PKP 03 46.10 3.3X
LPB 148.02 64 PKP 03 47.20 4.3X
CCH 150.00 63 ePKP 03 45.00 -0.8
SIV 152.62 54 ePKP 04 02.00 12.7X
S.D. = 1.1 on 57 of 68 obs.

* DEC 18, 1992 04h 52m 01.86 ± 0.64s
2.346 S ± 11.1km 141.145 E ± 12.1km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
NEAR N COAST OF NEW GUINEA, PNG. (200)

WWKK 2.78 117 eP 52 45.60 0.5
WB2 18.71 200 iPc 56 18.80 -1.2
eS 59 34.30
ASPA 22.32 198 iPd 56 58.60 0.2
0.7s 18.10nm 4.6mb
eS 01 02.80

RMQ 25.09 164 eP 57 26.00 0.8
1.0s 61.00nm 5.2mb
STKA 29.38 179 iPc 58 03.70 -0.5
FORT 30.87 202 eP 58 17.70 0.2
COOL 34.11 212 eP 58 45.70 -0.1
0.7s 19.00nm 5.1mb
MRWA 35.87 219 eP 59 01.00 0.2
0.5s 8.00nm 4.9mb

MUN 37.68 216 eP 59 16.00 0.0
MAIO 84.65 307 eP 04 35.00 1.1
YKA 98.64 27 eP 05 36.70 -1.9
1.0s 0.90nm 4.3mb
LPB 145.56 124 PKP 11 40.20 0.3
ZOBO 145.66 124 PKP 11 37.90 -2.4
KIC 145.76 278 PKP 11 40.40 0.6
LIC 146.06 278 PKP 11 41.30 1.0
CCH 146.71 127 ePKP 11 43.00 1.4

S.D. = 1.1 on 16 of 16 obs.
* DEC 18, 1992 05h 47m 38.26 ± 0.94s
51.198 N ± 16.4km 171.824 W ± 7.6km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 3.11 285 eP 48 25.59 -0.5
S 48 59.82
SDN 7.96 54 (P) 49 34.58 0.2
CRP 14.81 40 (P) 51 06.48 -0.5
SLKM 15.23 44 eP 51 11.08 -1.2
KLU 17.54 44 eP 51 39.02 -2.6X
BALM 18.99 47 eP 51 59.88 0.4
YKA 32.16 47 eP 54 05.50 1.0
0.5s 0.60nm 3.7mb

DAU 42.44 80 eP 55 31.92 0.2
ARUT 42.64 85 (P) 55 33.13 -0.1
SRU 43.66 81 eP 55 40.83 -0.7
NAO 68.31 359 P 58 38.40 0.8
0.8s 2.00nm 4.3mb
HFS 68.93 357 eP 58 41.80 0.4
0.4s 1.20nm 4.3mb
S.D. = 0.7 on 11 of 12 obs.

? DEC 18, 1992 05h 50m 21.31 ± 3.23s
5.991 S ± 29.8km 147.601 E ± 30.6km

DEPTH = 91.9 ± 16.2 km
4.5mb (2 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

FINC 0.67 158 eP 50 38.10 0.2
YYYY 1.64 261 iPc 50 50.20 0.7
MDG 1.96 292 iPd 50 53.00 -0.5
PMG 3.42 187 eP 51 13.00 -0.5
eS 51 53.00
WB2 18.93 222 iPd 54 36.60 -1.2
0.3s 9.60nm 4.6mb

ASPA 21.97 215 eP 55 10.30 1.4
0.4s 9.90nm 4.5mb
eS 59 41.90
S.D. = 1.5 on 6 of 6 obs.

DEC 18, 1992 06h 18m 00.60 ± 0.35s
30.580 S ± 3.7km 71.335 W ± 7.0km
DEPTH = 54.6km (2 depth phases)
4.5mb (4 obs.)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.7 (SAN).

JACH 2.19 163 iPd 18 36.50 1.2
ROCH 2.40 173 iP+ 18 38.96 0.5
IHA 2.45 186 iPn 18 39.30 0.4
i 18 42.90
iS 19 15.60
PEL 2.62 168 eP 18 42.09 0.8
iS 19 14.55

CFA 2.85 112 ePc 18 46.70 2.1
FCH 2.88 162 eP 18 46.78 1.4
LCCH 2.89 184 iP+ 18 44.63 -0.6
SAN 2.92 169 eP 18 46.58 0.9
iS 19 22.48
TACH 3.08 174 eP 18 48.07 0.1
PCH 3.11 167 ePd 18 49.01 0.6
(S) 19 10.00

LNv 3.37 181 iP+ 18 50.72 -1.2
CHCH 3.39 170 ePd 18 52.43 0.1
CACH 3.58 170 eP 18 55.56 0.5
RFA 4.83 151 iP 19 12.00 -0.6
MRA 5.14 112 ePd 19 16.30 -0.6
CYA 5.28 68 iPd 19 19.00 0.1
TCA 5.84 99 iPd 19 25.20 -1.6
S 20 16.00

FSA 6.48 48 ePc 19 37.00 1.3
ANT 6.90 7 eP 19 37.50 -4.0X
YJA 9.87 33 e(P) 20 24.00 1.1
CCH 13.96 21 P 21 25.00 7.4X
ARE 14.05 359 eP 21 20.00 1.3
LPB 14.29 13 P 21 24.20 2.2
ZOBO 14.53 12 P 21 25.80 0.6
LR 26 06.00

SIV 17.30 35 eP 22 03.00 3.1X
NNA 19.19 343 eP 22 25.00 2.0
0.6s 6.67nm 4.1mb
VAO 22.99 77 eP 23 00.60 -0.9
BAO 26.04 60 Pd 23 28.40 -2.3
e 23 29.20 3kmX
e 23 30.30
e 23 32.00
e 23 42.20
e 31 43.50
e 32 05.90
e 32 38.50

BDF 26.09 61 e(P) 23 28.00 -3.2X
e 23 29.00 4kmX
e 23 30.00
OLY 68.41 342 (P) 28 56.20 -2.4
GRT 68.63 344 (P) 28 59.11 -0.8
ELC 69.56 345 ePc 29 04.11 -1.5
pP 29 20.12 58km
FVM 70.50 344 eP 29 10.00 -1.4
ALQ 73.09 330 eP 29 27.00 -0.1
1.2s 11.33nm 4.7mb

LIC 73.14 72 P 29 25.80 -1.7
KIC 73.45 72 P 29 27.80 -1.6
GLD 76.73 334 eP 29 48.13 0.3
PV10 77.09 330 eP 29 50.00 0.1
ARUT 78.58 327 eP 29 58.58 0.6
ULM 83.36 344 eP 30 24.50 1.8
ORV 83.91 323 ePc 30 26.04 0.3
MCMT 84.04 332 ePc 30 27.10 0.5

SES 87.95 336 eP 30 45.00 -0.4
BCAO 92.12 86 ePc 31 06.00 0.3
0.7s 6.00nm 5.1mb

ic 31 21.00 51km
YKA 99.02 341 eP 31 34.50 -1.4
0.8s 0.80nm 4.3mb
WRA 124.03 209 PKP 36 53.00 -1.9
0.6s 0.60nm
YYYY 128.85 231 ePKP 37 10.30 5.8X
S.D. = 1.3 on 42 of 47 obs.

? DEC 18, 1992 06h 33m 37.93±2.87s
50.844 N ±19.5km 178.300 W ±43.3km
DEPTH = 33.0km (normal)
4.2mb (8 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 1.45 44 iPd 34 02.55 0.5
SVW 16.24 42 eP 37 24.57 -0.3
0.8s 20.19nm 4.3mb
KDC 16.50 55 eP 37 22.96 -5.2X
0.3s 7.89nm 4.3mb
TTA 17.05 36 (P) 37 35.70 0.6
0.7s 3.50nm 3.6mb
BGL 17.71 44 eP 37 42.17 -1.2
CRP 17.81 44 eP 37 45.41 0.7
SLKM 18.41 48 eP 37 47.55 -4.4X
IMA 19.75 30 iPd 38 08.64 1.0
0.7s 2.82nm 3.7mb
KLU 20.71 47 eP 38 13.20 -4.4X
TOA 20.77 45 eP 38 17.70 -0.6
FBA 21.18 37 eP 38 21.14 -1.1
0.6s 12.85nm 4.5mb
YKA 35.38 46 eP 40 31.00 -0.2
0.8s 0.90nm 3.8mb
SES 41.32 63 eP 41 22.00 0.3
BW06 46.17 72 eP 42 02.07 0.8
0.6s 4.99nm 4.6mb
RSSD 48.67 67 (P) 42 20.35 -0.5
0.6s 2.49nm 4.4mb
S.D. = 0.8 on 12 of 15 obs.

? DEC 18, 1992 07h 25m 47.65±0.87s
6.744 S ±9.9km 147.219 E ±9.3km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)
ML 4.1 (PMG).

FINC 0.65 79 eP 26 00.00 -0.3
YYYY 1.34 292 eP 26 09.60 -0.7
MDG 2.06 316 eP 26 21.50 0.9
PMG 2.65 181 eP 26 29.50 0.6
eS 27 09.00
WB2 18.12 222 eP 29 58.10 -0.4
0.9s 3.40nm 3.5mb
S.D. = 1.0 on 5 of 5 obs.

DEC 18, 1992 07h 59m 56.06±1.09s
43.401 N ±6.3km 5.403 E ±7.7km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.8 (STR).

GELF 0.03 133 Pg 59 57.89 -0.2
TREF 0.22 357 Pg 00 00.29 -0.6
BERF 0.23 113 Pg 00 01.10 0.1
PUYF 0.25 59 Pg 00 00.29 -1.2
PRAF 0.44 337 Pg 00 05.18 0.2
VILF 0.51 27 Pg 00 05.78 -0.5
TAVF 0.52 65 Pg 00 05.92 -0.8
CALN 1.14 71 Pg 00 18.15 0.7
MVIF 1.36 68 Pn 00 21.46 0.2
Sg 00 40.86
TOUF 1.47 65 Pn 00 23.63 0.8
Sg 00 42.81
AURF 1.48 70 Pn 00 22.87 0.1
Sg 00 44.30
SURF 1.48 43 Pg 00 24.04 1.1
Sg 00 44.51
SBF 1.55 72 Pn 00 24.06 0.3
Sg 00 45.58
AUTN 1.58 67 Pn 00 25.21 0.8
Sg 00 46.92
SAOF 1.67 69 Pn 00 25.65 0.2
Sg 00 48.96
PGF 2.77 107 Pn 00 40.25 -1.2
S.D. = 0.7 on 16 of 16 obs.

% DEC 18, 1992 10h 00m 49.29±0.73s

40.565 N ±6.0km 23.042 E ±7.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE 0.09 319 iPg 00 52.05 0.2
eSg 00 53.58
SOH 0.35 43 ePg 00 56.94 0.4
eSg 01 02.18
KNT 0.61 350 iPg 01 01.46 -0.1
eSg 01 11.50
GRG 0.62 309 ePg 01 01.26 -0.6
LIT 0.63 223 ePg 01 02.50 0.6
PAIG 0.80 142 ePg 01 04.34 -0.5
S.D. = 0.6 on 6 of 6 obs.

% DEC 18, 1992 10h 34m 20.79±0.97s
40.376 N ±7.4km 23.231 E ±8.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH 0.45 12 ePg 34 29.98 -0.1
PAIG 0.56 142 ePg 34 32.18 -0.1
eSg 34 40.50
OUR 0.58 94 iPg 34 32.42 0.0
iSg 34 40.50
SRS 0.79 20 ePg 34 36.54 0.4
KNT 0.82 342 ePg 34 36.17 -0.6
GRG 0.86 313 ePg 34 37.66 0.3
eSg 34 47.26
S.D. = 0.5 on 6 of 6 obs.

% DEC 18, 1992 10h 36m 06.41±3.59s
33.132 S ±11.1km 70.838 W ±10.7km
DEPTH = 71.1 ±35.8 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.5 (SAN).

PEL 0.13 95 iP+ 36 17.31 0.1
ROCH 0.22 318 iP+ 36 17.53 -0.1
JACH 0.49 25 iPd 36 19.50 -0.1
FCH 0.50 113 iPd 36 20.09 0.2
TACH 0.53 189 iPd 36 19.74 0.0
PCH 0.56 151 iPd 36 20.05 -0.1
LCCH 0.70 241 iPd 36 21.76 0.2
CHCH 0.81 169 iP 36 22.87 -0.1
iS 36 37.15
S.D. = 0.2 on 8 of 8 obs.

% DEC 18, 1992 10h 36m 29.83±0.88s
40.249 N ±7.3km 22.764 E ±8.4km
DEPTH = 5.0km (geophysicist)
GREECE (364)

LIT 0.26 235 ePg 36 35.14 0.1
THE 0.41 22 iPg 36 38.89 0.8
iSg 36 40.10
SOH 0.73 38 ePg 36 44.22 -0.2
PAIG 0.77 114 ePg 36 45.26 0.0
KNT 0.92 6 iPg 36 47.21 -0.6
eSg 36 54.90
S.D. = 0.7 on 5 of 5 obs.

DEC 18, 1992 10h 37m 12.63±0.85s
41.191 N ±7.6km 21.944 E ±6.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.0 (SKO).

GRG 0.42 124 ePg 37 20.30 -0.9
iSg 37 27.14
VAY 0.49 74 iPg 37 22.20 -0.4
iSg 37 29.20
FNA 0.59 227 ePg 37 24.10 -0.5
KNT 0.72 92 iPg 37 25.94 -0.9
eSg 37 36.14
SKO 0.87 334 ePg 37 29.50 0.2
0.7s 90.00nm
iSg 37 41.60
SOH 1.13 109 ePg 37 34.02 0.2
LIT 1.17 159 ePg 37 34.66 0.2
OUR 1.77 118 iPg 37 45.46 2.0
S.D. = 1.1 on 8 of 8 obs.

& DEC 18, 1992 10h 50m 48.13s
39.729 N 110.838 W
DEPTH = 1.2km
3.1mb (1 obs.)

UTAH (478)
<SLC-P>. ML 3.4 (SLC). Felt
(111) at Helper.

EMUT 0.09 12 iPd 50 49.57 -0.4
SRU 0.66 158 iPd 51 00.74 -0.6
DAU 0.75 335 ePd 51 02.88 -0.3
DUG 1.59 288 ePn 51 17.05 -0.5
MSU 1.60 221 eP 51 17.37 -0.5
PV09 1.81 132 eP 51 21.18 0.3
PV10 1.95 133 ePd 51 24.73 1.8
PV08 2.06 123 eP 51 25.56 1.0
Lg 51 54.68
HVV 2.52 325 eP 51 30.38 -0.7
ARUT 2.81 227 ePn 51 35.70 0.5
BW06 3.20 17 eP 51 40.00 -0.7
PTI 3.34 340 P 51 43.30 0.5
HHA1 3.75 343 eP 51 49.17 0.7
GOL 4.22 89 ePn 51 55.00 -0.2
GLD 4.33 88 ePn 51 57.63 0.8
TNP 5.24 254 ePn 52 09.67 -0.1
ALO 5.92 142 eP 52 16.80 -2.4
LRM 6.20 350 eP 52 25.40 2.1
RSSD 6.71 47 ePn 52 28.66 -1.7
TUC 7.40 180 (P) 52 41.17 1.1
FVM 16.00 90 (P) 54 34.81 -1.2
0.9s 15.27nm 4.1mb X
YKA 22.91 356 eP 55 53.40 -0.8
0.6s 0.40nm 3.1mb
22 obs. associated

? DEC 18, 1992 11h 01m 51.70±1.41s
7.368 N ±13.8km 76.711 W ±14.7km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NORTHERN COLOMBIA (99)

BMG 3.62 94 eP 02 45.00 -1.9
BOG 3.79 136 eP 02 50.00 0.5
iS 03 38.00
SDV 6.20 76 ePn 03 24.50 0.9
eSn 04 35.00
TDV 7.25 70 eP 03 38.90 0.7
eS 05 00.90
ZOBO 24.99 160 eP 07 15.00 0.2
YKA 61.56 341 eP 12 07.50 -0.3
0.7s 1.00nm 4.1mb
S.D. = 1.3 on 6 of 6 obs.

DEC 18, 1992 11h 21m 44.72±1.88s
26.357 N ±4.0km 100.872 E ±5.6km
DEPTH = 29.9 ±14.4 km
5.0mb (60 obs.) 4.7MsZ (2 obs.)
YUNNAN, CHINA (318)
One person killed, 45 injured
and several houses damaged in
Yongsheng County.

KMI 2.08 126 Pg 22 23.00 4.5X
Sg 22 52.00
GYA 5.20 88 Pn 23 06.40 3.8X
Z 10s 5.38um
Sn 24 07.00
Sg 24 33.00
CD2 5.20 29 Pn 23 04.80 2.3
Pg 23 21.00
Sn 24 10.00
Sg 24 30.00
CHG 7.72 194 ePn 23 35.60 -2.3
ePg 24 07.50
iSg 25 46.70
LOE 8.94 175 ePn 23 57.00 2.1
eSg 24 30.40
LSA 9.21 293 eP 23 55.40 -3.7X
N 13s 4.89um
S 25 38.60
BDT 9.23 191 ePn 23 56.50 -2.4
eSg 24 38.00
LZH 10.03 14 eP 24 10.00 0.8
1.6s 91.00nm 5.8mb
Z 11s 11.60um 3.9MsZ
E 10s 18.50um
eS 26 05.00
XAN 10.35 40 Pd 24 12.00 -2.2
0.7s 16.00nm 5.4mb
Z 16s 6.74um 4.6MsZ
E 10s 3.90um

NST	10.65	184 eP	24 23.80	5.4X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</
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PRY 0.98 223 eP 56 55.70 -0.6
 S 57 07.20
 KSR 1.24 286 eP 57 01.00 0.2
 S 57 15.00
 BFS 1.46 242 eP 57 04.60 0.3
 S 57 24.30
 BFT 1.72 73 eP 57 08.60 0.5
 S 57 32.00
 SEK 2.17 194 eP 57 15.50 0.9
 S 57 41.50
 BLF 3.40 212 eP 57 36.40 4.3X
 S 58 21.40
 FRS 4.36 215 eP 57 44.50 -1.0
 S 58 31.10
 BUL 6.05 3 iPn 58 09.00 -0.6
 iSn 59 10.00
 iSg 59 42.10
 KRI 9.42 8 iPn 58 56.10 -0.7
 iSn 00 35.40
 iSg 01 28.40
 S.D. = 0.8 on 10 of 11 obs.

? DEC 18, 1992 11h 58m 59.96 ± 7.00s
 42.040 N ± 52.9km 27.402 E ± 22.5km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)
 MD 2.6 (ISK).

DMK 0.34 129 iPg 59 06.00 -0.2
 iSg 59 10.10
 CTT 1.18 139 iPg 59 22.30 0.3
 ISK 1.58 128 ePn 59 28.00 0.0
 EDC 1.73 168 ePn 59 30.00 -0.2
 KCT 1.93 158 ePn 59 33.30 0.1
 S.D. = 0.3 on 5 of 5 obs.

* DEC 18, 1992 12h 02m 19.61 ± 0.40s
 52.893 S ± 10.1km 72.918 E ± 7.9km
 DEPTH = 10.0km (geophysicist)
 5.5mb (12 obs.)
 KERGUELEN ISLANDS REGION (433)

MAW 15.54 194 eP 05 58.00 -2.0
 0.7s 38.90nm 4.8mb
 CSY 22.82 140 eP 07 25.10 1.8
 0.8s 19.70nm 4.7mb
 NVL 32.04 213 eP 08 48.00 0.1
 COOL 41.12 77 eP 10 05.00 -0.2
 0.7s 27.00nm 5.1mb
 SEK 41.30 288 eP 10 05.00 -1.8
 1.0s 300.00nm 6.0mb
 FRS 41.58 285 eP 10 08.70 -0.1
 0.7s 75.34nm 5.5mb
 SLR 42.91 291 eP 10 19.00 -1.0
 0.5s 56.34nm 5.6mb
 BUL 47.18 297 eP 10 53.90 -0.3
 BFD 49.67 101 eP 11 13.60 0.3
 WIN 51.82 283 iPd 11 29.30 -0.7
 0.8s 283.58nm 6.2mb
 STKA 52.73 95 iPc 11 35.90 -0.6
 ASPA 54.05 82 iPc 11 45.50 -0.8
 0.5s 43.70nm 5.7mb X
 ARMA 59.78 101 eP 12 27.20 0.0
 0.9s 11.00nm 5.0mb
 PMG 73.05 83 eP 13 51.00 -0.6
 BCAO 73.10 302 iPc 13 52.00 0.1
 0.5s 18.00nm 5.4mb
 ic 14 06.50
 CHG 74.89 25 eP 14 02.00 -0.1
 PKI 80.86 11 P 14 34.58 -0.6
 0.9s 53.00nm 5.6mb
 DMN 80.86 11 P 14 34.76 -0.4
 1.0s 85.00nm 5.7mb X
 KKN 81.06 11 P 14 35.96 -0.2
 1.1s 108.00nm 5.8mb X
 GKN 81.20 10 P 14 36.44 -0.3
 1.1s 153.00nm 5.9mb
 GUN 81.25 12 P 14 37.40 0.1
 0.8s 161.00nm 6.1mb
 KIC 87.64 284 P 15 11.60 2.3
 LIC 87.70 283 P 15 12.00 2.4
 TIC 88.03 284 P 15 13.70 2.5
 ANM 148.77 45 ePKP 22 07.56 4.2X
 PMR 156.04 52 ePKP 22 14.23 0.5
 S.D. = 1.2 on 25 of 26 obs.

* DEC 18, 1992 12h 24m 18.97 ± 1.04s

35.688 N ± 14.8km 27.441 E ± 8.1km
 DEPTH = 10.0km (geophysicist)
 DODECANESE ISLANDS (369)
 ML 3.8 (CSS).

NPS 1.55 255 ePb 24 47.20 0.5
 YER 1.60 25 iPn 24 46.00 -1.3
 KSL 1.79 75 ePn 24 51.00 0.9
 CIN 1.98 15 eP 24 53.00 0.2
 ELL 2.26 61 iPn 24 58.00 1.8
 BCK 3.09 54 ePn 25 04.00 -4.8X
 VLI 3.78 287 ePn 25 18.30 -0.3
 CSS 4.87 97 eP 25 32.30 -1.7
 eS 26 27.30
 S.D. = 1.5 on 7 of 8 obs.

& DEC 18, 1992 13h 48m 06.81s
 61.369 N 149.613 W
 DEPTH = 37.7km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 2.7 (AEIC).

PMS 0.13 169 P 48 13.30 -0.1
 PWA 0.31 336 P 48 14.80 -0.2
 PLRM 0.32 46 iPd 48 14.42 -0.7
 GH0 0.52 39 P 48 17.10 -0.8
 S 48 25.60
 SUA 0.55 280 iPc 48 17.77 -0.5
 eS 48 26.90
 KNK 0.56 85 iPd 48 17.56 -0.8
 eS 48 25.95
 PTE 0.58 150 iPc 48 17.76 -0.8
 eS 48 26.57
 SML 0.75 54 iPd 48 20.17 -0.9
 eS 48 31.33
 MPA 0.89 172 iPc 48 21.87 -1.1
 SLKM 0.91 199 eP 48 22.70 -0.6
 NKA 1.01 232 ePc 48 26.37 1.7
 SKT 1.10 305 iPc 48 25.84 -0.1
 eS 48 40.83
 CGLM 1.16 268 eP 48 26.83 0.0
 SCM 1.19 66 eP 48 26.88 -0.4
 SPU 1.19 262 iPc 48 26.99 -0.4
 eS 48 43.70
 CRP 1.23 266 P 48 28.20 0.2
 CKN 1.25 264 eP 48 28.55 0.4
 CKT 1.26 263 eP 48 28.27 -0.1
 SEW 1.27 176 eP 48 27.84 -0.5
 CP2 1.27 266 ePc 48 28.86 0.3
 GLI 1.32 111 iPc 48 28.24 -0.8
 CKL 1.33 264 iPc 48 29.27 0.0
 BGL 1.34 267 ePc 48 29.71 0.2
 KNIM 1.38 137 ePc 48 28.49 -1.4
 LTI 1.59 146 eP 48 31.46 -1.5
 VLZ 1.60 97 iPc 48 32.49 -0.6
 HUR 1.61 360 eP 48 33.90 0.6
 FID 1.65 111 eP 48 32.51 -1.2
 DFR 1.69 244 iPd 48 34.40 -0.1
 MTU 1.69 144 P 48 33.40 -1.0
 REF 1.75 241 eP 48 35.48 0.1
 RDN 1.76 242 eP 48 35.51 0.0
 KLU 1.78 84 iPc 48 34.97 -0.8
 RSO 1.78 241 iPc 48 36.13 0.2
 RS2 1.78 241 iPc 48 36.13 0.2
 RS1 1.79 241 iPc 48 36.15 0.2
 TOA 1.80 64 P 48 36.20 0.2
 RDW 1.80 242 eP 48 36.14 0.0
 HIN 1.81 121 eP 48 34.96 -1.1
 NCT 1.81 245 iPd 48 36.31 0.1
 RED 1.81 240 eP 48 36.39 0.1
 CVA 2.06 112 eP 48 38.19 -1.4
 RND 2.08 9 eP 48 40.37 0.4
 ILIM 2.09 233 eP 48 40.34 0.1
 TZL 2.11 69 eP 48 41.46 1.1
 TRF 2.11 352 ePc 48 40.62 0.0
 INW 2.17 234 eP 48 40.92 -0.4
 SDG 2.25 57 eP 48 43.20 0.8
 PAX 2.52 49 eP 48 47.59 1.2
 RAGM 2.61 110 eP 48 45.51 -2.0
 AUL 2.75 225 P 48 50.90 1.3
 PDB 2.76 237 eP 48 49.34 -0.3
 GLB 2.79 86 eP 48 48.65 -1.5
 HMT 2.82 109 eP 48 48.05 -2.5
 SVW 2.92 267 P 48 51.50 -0.4
 KAIM 2.94 117 eP 48 51.05 -1.2
 CROM 3.21 98 eP 48 54.58 -1.6
 BALM 3.53 92 eP 48 58.89 -1.9

58 obs. associated
 * DEC 18, 1992 14h 36m 35.92 ± 0.93s
 6.651 S ± 11.5km 147.303 E ± 10.1km
 DEPTH = 33.0km (normal)
 4.1mb (1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 ML 4.1 (PMG).

FINC 0.55 86 iPc 36 47.10 -0.1
 YYYY 1.39 287 eP 36 58.20 -1.1
 MDG 2.06 312 eP 37 09.50 0.7
 PMG 2.74 183 eP 37 18.00 -0.5
 ASPA 21.26 216 eP 41 22.90 1.1
 0.5s 4.30nm 4.1mb
 S.D. = 1.3 on 5 of 5 obs.

DEC 18, 1992 14h 58m 09.50 ± 0.28s
 8.085 S ± 4.5km 123.069 E ± 6.8km
 DEPTH = 28.8km (6 depth phases)
 4.9mb (22 obs.) 4.4MsZ (4 obs.)
 FLORES REGION, INDONESIA (286)

KUG 2.12 166 eP 58 47.70 4.0X
 eS 00 18.50
 e 06 00.00
 KUPT 2.12 166 eP 58 47.70 4.0X
 MKS 4.57 308 iPc 59 18.30 -0.2
 PCI 7.83 336 ePc 00 04.00 -0.3
 e 03 50.00
 MTN 9.23 122 iPd 00 22.00 -1.8
 KNA 9.44 144 iPd 00 24.30 -2.4
 TNE 9.80 26 eP 00 31.70 0.1
 TRT 10.34 271 ePc 00 43.60 4.5X
 DAV 15.28 9 eP 01 49.00 4.1X
 KKM 15.61 334 ePc 01 54.00 4.6X
 NANU 16.12 206 eP 01 54.00 -1.7
 BIP 16.51 11 eP 02 00.00 -0.7
 WARB 18.32 170 eP 02 23.00 -0.3
 ASPA 18.65 147 eP 02 26.60 -0.8
 0.8s 76.30nm 4.9mb
 Z 17s 1.90um 4.5MsZ
 eS 05 51.50
 PLP 19.22 6 ePc 02 36.00 1.8
 OIS 20.23 130 eP 02 45.00 -0.3
 WWKK 20.92 79 eP 02 58.00 5.6X
 PGP 21.55 354 eP 03 02.00 3.3X
 MRWA 22.05 197 eP 03 04.00 0.3
 0.5s 7.00nm 4.4mb
 COOL 22.75 184 eP 03 10.00 -0.7
 1.0s 69.00nm 5.1mb
 FORT 23.06 169 eP 03 14.00 0.4
 BAL 23.18 194 iPc 03 15.70 0.9
 0.6s 30.00nm 5.0mb
 PMG 23.85 95 eP 03 20.00 -1.4
 1.3s 115.38nm 5.2mb
 BAG 24.46 354 eP 03 25.00 -2.5
 MUN 24.62 194 eP 03 29.00 0.3
 IPM 25.33 299 ePc 03 37.00 1.3
 CTA 25.41 120 iPc 03 38.00 1.5
 STKA 29.28 146 iPc 04 12.10 0.5
 eS 09 56.50
 RMO 30.49 130 eP 04 23.70 1.2
 e 05 05.80 206kmX
 CMS 31.49 141 iPd 04 32.40 1.2
 1.0s 10.00nm 4.6mb
 BFD 33.93 152 eP 04 44.30 -8.0X
 ARMA 34.75 134 eP 05 00.00 0.4
 0.7s 6.00nm 4.6mb
 BWA 35.08 142 eP 05 07.10 4.8X
 e 05 16.50 32km
 TOO 35.69 149 iPd 05 10.00 2.5
 1.0s 27.00nm 5.1mb
 CHG 35.78 319 eP 05 08.40 0.0
 1.3s 28.85nm 5.0mb
 CAN 36.04 143 eP 05 19.80 9.4X
 CNB 36.25 142 eP 05 16.50 4.2X
 GYA 37.85 336 P 05 26.40 0.6
 1.2s 19.00nm 4.8mb
 Z 20s 0.75um 4.5MsZ
 KMI 38.49 330 eP 05 33.00 1.6
 1.6s 50.00nm 5.1mb
 Z 24s 0.60um 4.3MsZ
 pP 05 39.00 20km
 SSE 39.00 357 P 05 36.00 0.8
 1.0s 11.00nm 4.6mb
 Z 22s 0.60um 4.4MsZ

18d 15h

WHN 39.31 348 eP 07 08.00 1.7
 S 05 48.20 29km
 S 11 36.00
 NJ2 40.11 354 Pc 05 45.50 1.1
 1.2s 19.00nm 4.7mb
 ipP 05 55.00 32km
 eS 11 52.00
 CD2 42.97 335 P 06 08.60 0.7
 XAN 43.99 343 P 06 15.50 -0.7
 0.8s 11.00nm 4.7mb
 Z 20s 0.68um 4.6msz
 pP 06 24.50 30km
 MAT 46.61 17 (P) 06 47.00 10.0X
 1.5s 55.56nm 5.3mb
 LZH 47.51 339 eP 06 44.50 0.1
 1.2s 38.00nm 5.3mb
 Z 20s 0.40um 4.4msz
 BJ1 48.30 353 eP 06 49.00 -1.2
 1.0s 13.00nm 4.9mb
 LSA 48.52 322 eP 06 52.20 -0.4
 MHC 49.83 349 P 07 01.60 -0.5
 1.2s 8.10nm 4.6mb
 GUN 50.73 316 P 07 08.50 -0.9
 0.8s 24.00nm 5.2mb
 HYB 50.76 300 eP 07 10.00 0.5
 PK1 50.84 316 P 07 09.96 -0.3
 KKN 51.06 316 P 07 11.44 -0.4
 DMN 51.07 315 P 07 11.78 -0.2
 GKN 51.64 315 P 07 15.14 -1.0
 GTA 51.94 337 eP 07 19.00 0.8
 1.0s 9.00nm 4.7mb
 MDJ 52.78 6 eP 07 23.00 -1.3
 1.0s 18.00nm 5.0mb
 NDI 57.37 312 eP 07 55.00 -2.8
 WMO 60.79 331 P 08 20.50 -0.8
 1.0s 7.00nm 4.7mb
 pP 08 29.50 29km
 sP 08 32.00
 KSH 64.31 321 eP 08 45.00 0.1
 MAIO 74.12 311 eP 09 46.00 0.7
 YJA 148.78 165 ePKPd 17 54.50 1.2
 CCH 153.11 160 ePKP 18 07.00 7.4X
 LPB 153.16 156 PKP 18 14.00 14.2X
 ZOBO 153.37 155 PKP 18 02.00 1.6
 Z 24s 0.10um 4.6mszX
 LR 12 34.00
 SIV 155.73 170 PKP 18 09.60 6.8X
 S.D. = 1.2 on 51 of 66 obs.
 * DEC 18, 1992 15h 53m 35.88±0.70s
 17.038 N ±15.0km 94.807 W ±9.4km
 DEPTH = 116.3 ±12.4 km
 3.7mb (1 obs.)
 CHIAPAS, MEXICO (61)
 EVV 1.50 340 eP 54 03.00 -0.4
 IS 54 24.00
 SCX 2.10 98 IP 54 11.00 0.1
 IS 54 36.50
 IISM 3.12 309 IP 54 25.00 0.6
 IS 55 01.00
 TPX 3.24 131 eP 54 26.00 0.0
 IS 55 03.00
 PPM 4.16 300 eP 54 39.50 0.6
 TPM 4.49 296 IP 54 43.00 -0.1
 IS 55 34.00
 I11 4.64 287 eP 54 44.50 -0.7
 IS 55 33.00
 ACX 4.84 269 eP 54 43.50 -4.2X
 IS 55 39.00
 YKA 47.48 348 eP 02 00.50 -0.1
 0.7s 0.90nm 3.7mb
 S.D. = 0.6 on 8 of 9 obs.
 * DEC 18, 1992 16h 58m 42.25±2.14s
 37.827 N ±12.4km 26.900 E ±18.5km
 DEPTH = 10.0km (geophysicist)
 DODECANESE ISLANDS (369)
 MD 3.2 (ISK).
 IZM 0.64 27 IPg 58 54.60 -0.5
 eSg 59 03.00
 CIN 0.97 103 eP 59 01.00 0.4
 YER 1.30 122 ePn 59 06.00 -0.3
 EZN 2.05 348 ePn 59 17.20 0.1
 DST 2.23 37 ePn 59 20.30 0.4

KCT 2.67 25 ePn 59 26.00 -0.1
 S.D. = 0.5 on 6 of 6 obs.
 ? DEC 18, 1992 17h 15m 25.86±2.56s
 18.395 N ±28.4km 103.114 W ±23.5km
 DEPTH = 90.9 ±17.0 km
 3.5mb (1 obs.)
 NEAR COAST OF MICHIOACAN, MEXICO (56)
 PIM 1.18 96 IP 15 50.00 2.0
 IS 16 04.50
 CGX 1.34 346 IP 15 49.50 -0.7
 IS 16 10.00
 GUM2 2.27 356 IP 16 05.50 3.1X
 (S) 16 38.00
 ACX 3.46 116 eP 16 17.50 -1.0
 IS 16 55.00
 I11 3.46 90 eP 16 18.25 -0.6
 (S) 16 59.00
 AGX 3.55 12 (P) 16 26.00 6.2X
 UNM 3.84 75 eP 16 24.50 0.4
 (S) 17 10.50
 PPM 4.30 80 eP 16 30.00 -0.8
 (S) 17 23.00
 IISM 5.47 83 (P) 16 55.50 9.0X
 YKA 44.78 352 eP 23 32.50 0.7
 0.8s 0.70nm 3.5mb
 S.D. = 1.6 on 7 of 10 obs.
 ? DEC 18, 1992 17h 17m 54.28±0.85s
 6.738 S ±9.2km 147.304 E ±9.6km
 DEPTH = 33.0km (normal)
 3.9mb (1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 ML 4.2 (PMG).
 FINC 0.56 78 eP 18 05.60 -0.2
 YYY 1.42 290 eP 18 16.70 -1.4
 MDG 2.12 314 eP 18 28.10 0.0
 PMG 2.65 183 eP 18 35.00 -0.7
 eS 19 16.00
 WWKK 4.80 310 eP 19 07.00 0.9
 WB2 18.18 223 eP 22 05.60 -0.3
 0.6s 2.20nm 3.5mb X
 ASPA 21.19 216 eP 22 41.10 1.6
 0.9s 4.60nm 3.9mb
 S.D. = 1.2 on 7 of 7 obs.
 ? DEC 18, 1992 18h 03m 32.25±0.68s
 44.009 N ±7.3km 10.784 E ±5.6km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 BDI 0.15 292 Pd 03 35.70 0.0
 eSg 03 38.30
 MME 0.19 342 P 03 36.70 0.0
 eSg 03 40.40
 P11 0.34 213 P 03 39.30 0.0
 eSg 03 43.20
 PGD 0.69 101 P 03 45.20 -0.8
 SFI 0.78 96 P 03 47.80 0.5
 eSg 03 58.40
 CRE 0.93 114 P 03 50.40 0.4
 eSg 04 01.70
 S.D. = 0.6 on 6 of 6 obs.
 ? DEC 18, 1992 18h 22m 23.50±1.18s
 6.615 N ±16.4km 73.152 W ±18.8km
 DEPTH = 159.6 ±11.6 km
 4.2mb (1 obs.)
 NORTHERN COLOMBIA (99)
 BMG 0.46 9 IPd 22 47.00 -0.4
 BOG 2.18 205 eP 23 08.50 6.5X
 IS 23 38.50
 SDV 3.36 48 IPnc 23 17.50 0.9
 ISn 23 54.60
 CEOS 5.34 63 IPd 23 41.80 -0.7
 IS 24 39.50
 ZOBO 23.29 168 eP 27 19.00 0.2
 YKA 63.45 340 eP 32 38.10 0.0
 0.6s 2.20nm 4.2mb
 WB2 150.20 241 ePKP 41 59.10 6.7X
 0.5s 4.70nm
 WRA 150.21 241 PKP 42 00.10 7.7X
 0.5s 0.30nm
 S.D. = 1.2 on 5 of 8 obs.

* DEC 18, 1992 18h 58m 12.47±1.17s
 8.772 S ±14.6km 125.046 E ±18.6km
 DEPTH = 121.0 ±32.7 km
 4.5mb (2 obs.)
 TIMOR REGION, INDONESIA (289)
 KUG 1.97 226 eP 58 46.10 0.0
 e 03 38.00
 KUPT 1.97 226 eP 58 46.10 0.0
 MTN 7.22 125 IPc 59 57.30 0.5
 eS 01 15.50
 KNA 7.83 153 eP 00 05.00 -0.1
 eS 01 31.00
 PCI 9.38 326 ePc 00 26.00 0.0
 e 01 36.40
 MBL 13.30 202 IPc 01 05.20 -12.5X
 e 03 25.00
 WB2 14.30 142 IPc 01 29.20 -1.4
 0.8s 46.00nm 4.8mb
 eS 03 58.80
 ASPA 17.07 151 eP 02 06.20 1.0
 0.9s 12.90nm 4.2mb
 eS 05 07.70
 WARB 17.38 175 eP 02 13.00 4.0X
 PMG 21.84 93 eP 02 48.00 -8.3X
 STKA 27.66 149 eP 04 02.90 12.1X
 S.D. = 1.0 on 7 of 11 obs.
 ? DEC 18, 1992 19h 35m 46.77±1.45s
 33.138 S ±5.3km 70.259 W ±11.4km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.4 (SAN).
 FCH 0.19 188 IP 35 51.18 0.0
 IS 35 54.00
 PEL 0.36 269 IPd 35 54.26 0.1
 IS 35 58.78
 PCH 0.53 204 IPd 35 57.51 0.1
 IS 36 05.30
 JACH 0.53 328 IP 35 57.64 0.0
 IS 36 07.14
 ROCH 0.65 284 IP 35 59.80 -0.2
 IS 36 09.60
 TACH 0.77 228 IPd 36 01.66 -0.1
 IS 36 12.57
 CHCH 0.86 202 IP 36 03.39 0.0
 IS 36 15.72
 LCCH 1.15 253 IP+ 36 08.36 0.1
 IS 36 24.30
 LNV 1.26 229 IP 36 10.00 -0.2
 IS 36 27.59
 S.D. = 0.1 on 9 of 9 obs.
 * DEC 18, 1992 20h 38m 28.66±0.76s
 39.420 S ±9.9km 174.265 E ±9.7km
 DEPTH = 299.0 ±8.8 km
 NORTH ISLAND, NEW ZEALAND (159)
 BSZ 0.64 127 P 39 08.00 0.5
 eS 39 33.60
 DIW 1.41 191 P 39 11.30 -0.2
 MNG 1.52 142 Pd 39 12.10 -0.1
 S 39 40.80
 KIW 1.53 161 P 39 12.00 -0.2
 TCW 1.79 180 P 39 14.10 0.1
 CAW 1.80 160 P 39 14.00 -0.1
 MRW 1.84 170 Pd 39 14.40 0.0
 S 39 45.50
 QRZ 1.94 223 Pd 39 14.90 -0.3
 eS 39 45.70
 MTW 1.98 152 Pd 39 15.40 -0.1
 MOW 2.14 160 eP 39 16.80 0.0
 BLW 2.15 155 eP 39 16.80 -0.1
 URZ 2.51 63 P 39 19.20 -0.8
 eS 39 53.70
 THZ 2.56 203 P 39 20.80 0.2
 S 39 56.50
 DSZ 2.99 218 eP 39 25.00 0.4
 KHZ 3.05 190 P 39 25.20 0.1
 eS 40 05.70
 NOZ 3.05 76 P 39 25.90 0.8
 PUZ 3.40 68 eP 39 28.70 -0.1
 HBZ 3.65 61 P 39 31.50 0.1
 LTZ 3.68 204 eP 39 31.60 -0.2
 eS 40 16.90

MOZ 4.45 195 eP 39 39.60 -0.7
 eS 40 31.80
 EWZ 4.83 211 eP 39 45.10 0.6
 BWZ 6.06 211 eP 39 59.00 -0.2
 ODZ 6.23 204 P 40 02.70 1.5
 eS 41 11.20
 MSCZ 6.71 211 eP 40 07.00 -0.2
 MHZ 6.74 212 P 40 07.10 -0.5
 LSCZ 6.75 211 eP 40 07.20 -0.4
 SBCZ 6.75 211 P 40 07.40 -0.3
 S.D. = 0.5 on 27 of 27 obs.

% DEC 18, 1992 20h 41m 24.46 ± 0.81s
 39.929 N ± 7.1km 23.143 E ± 6.4km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

PAIG 0.41 90 ePg 41 32.76 -0.1
 eSg 41 40.04
 LIT 0.53 289 ePg 41 34.96 -0.2
 eSg 41 40.92
 SOH 0.91 10 ePg 41 41.88 0.1
 AGG 1.10 215 ePg 41 45.34 0.2
 KNT 1.25 351 ePb 41 47.76 0.2
 eSb 42 05.76
 S.D. = 0.3 on 5 of 5 obs.

? DEC 18, 1992 21h 47m 26.13 ± 1.80s
 51.310 N ± 14.9km 179.568 E ± 23.0km
 DEPTH = 33.0km (normol)
 4.2mb (7 obs.)

RAT ISLANDS, ALEUTIAN ISLANDS (6)

ADK 2.41 75 iPc 48 04.21 0.2
 SVW 16.82 45 (P) 51 21.55 1.1
 0.6s 22.36nm 4.5mb
 TTA 17.50 39 eP 51 29.23 0.2
 1.0s 9.34nm 3.9mb
 BGL 18.33 46 eP 51 38.69 -0.5
 CP2 18.40 46 eP 51 40.75 0.6
 CRP 18.44 46 eP 51 39.60 -1.0
 SLKM 19.11 50 eP 51 45.45 -3.2X
 IMA 20.05 32 eP 51 59.78 0.8
 0.9s 7.93nm 4.0mb
 KLU 21.38 48 (P) 52 10.89 -1.8
 FBA 21.63 39 eP 52 15.40 0.3
 0.5s 6.95nm 4.3mb
 BALM 23.00 50 eP 52 28.90 0.1
 YKA 36.02 46 eP 54 25.20 -0.4
 0.4s 2.00nm 4.4mb
 BW06 47.30 71 eP 55 58.18 -0.2
 0.5s 1.32nm 4.2mb
 MSU 48.31 77 eP 56 07.19 0.9
 RSSD 49.73 67 (P) 56 15.75 -1.4
 0.3s 0.77nm 4.2mb
 PV09 50.17 75 eP 56 20.71 0.0
 e 57 03.05
 PV10 50.31 75 eP 56 22.32 0.7
 NAV 67.29 58 (P) 58 19.80 0.3
 S.D. = 0.9 on 17 of 18 obs.

% DEC 18, 1992 22h 17m 05.73 ± 1.41s
 39.052 N ± 6.6km 31.049 E ± 14.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

ALT 0.73 271 iPg 17 19.80 -0.4
 eSg 17 28.80
 GPA 1.36 335 ePn 17 30.00 -0.7
 KHL 1.40 239 iPn 17 30.50 -0.8
 BCK 1.63 193 ePn 17 35.10 0.5
 EYL 1.66 336 ePn 17 34.00 -1.1
 DST 1.96 287 iPn 17 39.50 0.1
 YLV 1.99 320 ePn 17 40.50 0.7
 KCT 2.40 301 ePn 17 46.50 0.8
 ISK 2.53 323 iPn 17 48.40 1.0
 EDC 2.78 299 ePn 17 51.00 -0.1
 S.D. = 0.8 on 10 of 10 obs.

* DEC 18, 1992 22h 39m 37.37 ± 0.73s
 27.596 N ± 11.4km 130.465 E ± 13.4km
 DEPTH = 33.0km (normol)
 4.1mb (5 obs.)
 RYUKYU ISLANDS (238)

BJI 17.15 320 eP 43 36.50 0.5
 1.0s 13.00nm 4.0mb

GUN 39.29 281 P 47 05.64 0.2
 PKI 39.76 281 P 47 09.12 -0.2
 0.7s 7.00nm 4.5mb
 KKN 39.83 281 P 47 09.50 -0.3
 DMN 40.02 281 P 47 11.22 -0.1
 GKN 40.36 282 P 47 13.72 -0.2
 WRA 47.41 175 P 48 10.90 0.3
 0.4s 0.90nm 4.1mb
 ASPA 51.07 176 eP 48 38.80 0.0
 1.0s 3.30nm 4.3mb
 YKA 76.44 26 eP 51 24.80 -0.3
 0.8s 0.50nm 3.6mb
 S.D. = 0.3 on 9 of 9 obs.

? DEC 18, 1992 23h 37m 39.33 ± 1.70s
 37.093 N ± 12.3km 4.419 W ± 12.0km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)

ELUO 0.48 15 eP 37 48.60 -0.5
 eS 37 56.20
 EGUA 0.73 110 eP 37 53.60 -0.1
 eS 38 05.00
 EHOR 0.98 318 eP 37 58.00 0.0
 eS 38 11.60
 EBAN 1.18 25 eP 38 02.00 0.6
 eS 38 19.00
 S.D. = 0.8 on 4 of 4 obs.

DEC 19, 1992 00h 58m 13.80 ± 0.39s
 44.638 N ± 2.3km 6.799 E ± 3.8km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)

ML 2.3 (GEN), 2.3 (LDG).

PZZ 0.25 122 P 58 19.43 0.2
 S 58 24.20
 RRL 0.28 358 P 58 19.50 -0.3
 S 58 24.50
 DOI 0.35 113 P 58 21.30 0.3
 eSg 58 27.20
 BHB 0.39 58 P 58 22.00 0.3
 S 58 28.24
 STV 0.54 136 P 58 24.12 -0.7
 S 58 32.52
 ENR 0.61 133 P 58 25.44 -0.7
 S 58 34.54
 RSP 0.61 32 P 58 26.22 0.1
 S 58 35.57
 ROB 0.84 114 P 58 30.23 0.2
 S 58 41.47
 LSD 0.86 17 P 58 30.54 0.0
 S 58 42.01
 LPG 0.86 358 Pg 58 30.60 0.0
 Sg 58 40.50
 LPL 0.88 357 Pg 58 30.70 -0.1
 SBF 0.90 149 Pg 58 31.20 0.1
 Sg 58 44.40
 IMI 1.07 133 P 58 34.04 0.1
 S 58 48.71
 FRF 1.08 186 Pn 58 33.70 -0.5
 Pg 58 34.80
 Sg 58 49.20
 FIN 1.10 113 P 58 34.33 -0.1
 S 58 49.25
 LRG 1.22 195 Pg 58 37.10 0.5
 Sg 58 53.40
 PCP 1.25 94 P 58 37.32 0.2
 S 58 54.41
 LMR 1.32 189 Pg 58 38.60 0.4
 Sg 58 55.60
 S.D. = 0.4 on 18 of 18 obs.

* DEC 19, 1992 01h 40m 38.01 ± 1.15s
 6.542 N ± 7.5km 126.844 E ± 13.7km
 DEPTH = 85.1 ± 11.2 km
 4.6mb (9 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)

PLP 4.95 338 ePc 41 51.80 0.4
 TNE 5.73 175 eP 42 02.00 -0.2
 WB2 27.34 164 eP 46 15.40 -1.6
 0.4s 10.00nm 4.7mb
 ASPA 30.81 167 eP 46 48.10 0.1
 0.6s 3.10nm 4.2mb
 BAL 38.19 194 eP 47 51.50 0.4

MUN 39.63 194 iPd 48 04.20 1.2
 STKA 40.71 161 eP 48 12.30 0.4
 GUN 44.22 304 P 48 41.00 -0.1
 0.8s 26.00nm 5.1mb
 PKI 44.49 303 P 48 42.52 -0.7
 0.8s 10.00nm 4.7mb
 KKN 44.67 303 P 48 44.12 -0.5
 0.7s 9.00nm 4.7mb
 DMN 44.76 303 P 48 44.90 -0.4
 0.9s 16.00nm 4.8mb
 GKN 45.28 303 P 48 48.70 -0.6
 0.6s 4.00nm 4.4mb
 GBA 49.08 282 P 49 20.00 1.1
 IMA 79.78 24 eP 52 38.60 0.4
 0.6s 1.41nm 4.0mb
 YKA 96.91 24 eP 54 00.90 0.2
 0.8s 1.00nm 4.4mb
 S.D. = 0.8 on 15 of 15 obs.

DEC 19, 1992 03h 28m 17.08 ± 0.67s
 41.912 N ± 5.2km 19.238 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)

ML 2.3 (TTG), 1.9 (TIR).

ULC 0.05 10 iPgd 28 19.43 0.1
 iSg 28 21.85
 SDA 0.24 54 iPgd 28 22.50 0.3
 iSg 28 27.60
 LACI 0.45 128 ePg 28 26.80 0.6
 iSg 28 31.50
 BDV 0.48 321 iPgd 28 26.62 -0.2
 iSg 28 35.77
 TTG 0.52 2 iPgd 28 26.72 -0.8
 iSg 28 35.75
 TIR 0.73 140 ePg 28 30.60 -0.9
 HCY 0.77 314 iPgd 28 31.69 -0.4
 iSg 28 44.69
 PVY 0.87 38 iPgd 28 32.62 -1.3
 iSg 28 46.73
 NKY 0.92 349 iPgd 28 35.03 0.3
 iSg 28 49.96
 IVA 1.08 27 iPgc 28 37.26 -0.1
 iSg 28 54.34
 BRY 1.11 333 iPgc 28 38.75 0.7
 iSg 28 56.76
 OHR 1.42 124 ePn 28 42.70 -0.3
 PLE 1.42 5 iPgc 28 44.13 1.1
 iSg 29 06.42
 SKO 1.64 87 iPn 28 47.00 0.9
 S.D. = 0.8 on 14 of 14 obs.

* DEC 19, 1992 05h 32m 50.44 ± 1.72s
 41.102 N ± 16.2km 20.279 E ± 6.5km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)

ML 2.8 (TTG), 2.6 (TIR), 2.5 (SKO).

OHR 0.39 88 iPg 32 58.00 -0.5
 iSg 33 04.10
 TIR 0.40 308 iPg 32 57.30 -1.3
 iSg 33 04.10
 KKS 0.98 6 ePg 33 08.00 -1.0
 ULC 1.16 318 iPgc 33 11.20 -0.9
 iSg 33 30.13
 SKO 1.23 45 iPg 33 13.80 0.5
 0.6s 161.00nm
 i 33 18.50
 iSg 33 30.90
 PVY 1.51 351 iPnc 33 17.33 -0.3
 iSn 33 41.52
 TTG 1.53 330 iPnd 33 17.70 -0.1
 iSn 33 42.69
 VAY 1.74 82 ePn 33 24.40 3.5X
 IVA 1.79 351 iPnd 33 22.26 0.6
 iSn 33 49.96
 HCY 1.89 316 iPnc 33 24.12 1.0
 iSn 33 52.35
 NKY 1.96 331 iPnd 33 25.05 0.9
 iSn 33 54.40
 BRY 2.21 325 iPnd 33 28.46 0.6
 iSn 34 00.40
 PLE 2.32 344 iPnc 33 29.82 0.4
 iSn 34 02.99
 S.D. = 0.9 on 12 of 13 obs.

19d 05h

? DEC 19, 1992 05h 34m 51.65±6.08s
 14.928 N ±43.9km 60.808 W ±36.0km
 DEPTH = 33.0km (normol)
 WINDWARD ISLANDS (95)
 ML 2.4 (FDF).

CRM 0.20 211 iPc 34 58.29 0.0
 S 35 03.70
 MVM 0.38 193 iPc 35 00.53 0.0
 FDF 0.38 240 eP 35 00.59 0.0
 S 35 07.90
 BIM 0.48 212 iPd 35 02.05 0.0
 S 35 10.60
 S.D. = 0.0 on 4 of 4 obs.

DEC 19, 1992 06h 44m 01.56±0.13s
 11.429 S ±2.9km 166.290 E ±3.6km
 DEPTH = 43.6km (53 depth phases)
 5.7mb (79 obs.) 5.8Msz (34 obs.)
 SANTA CRUZ ISLANDS (184)
 Mo=2.5*10**18 Nm (PPT).

BKM 6.48 163 iP 45 43.20 6.2X
 IS 47 14.00
 HNR 6.55 287 iP 45 39.00 1.2
 IS 46 51.00
 PVC 6.57 163 iP 45 50.10 11.9X
 IS 47 16.10
 SVO 6.76 289 eP 45 42.00 1.1
 DZM 10.58 179 iPc 46 34.80 1.0
 IS 48 29.80
 MBU 13.25 116 ePc 47 23.20 13.7X
 VUN 13.46 120 ePc 47 18.10 5.8X
 SVA 13.51 121 eP 47 16.20 3.3X
 RAB 15.73 296 iP- 47 43.40 1.6
 IS 50 47.20
 PMG 18.92 274 iPd- 48 26.00 4.4X
 1.1s 607.59nm 5.7mb
 BRS 20.33 217 iPd 48 37.50 0.6
 0.5s 29.00nm 4.9mb
 i 49 14.00
 IS 52 27.00
 CTA 21.10 243 iPd 48 47.00 2.2
 1.0s 162.50nm 5.3mb
 i 49 54.00
 IS 52 45.00
 MDG 21.19 285 eP 48 46.40 0.7
 RMQ 22.30 225 iPc 48 58.20 1.4
 0.7s 318.00nm 5.9mb
 e 49 08.00 36km
 ARMA 23.29 214 iPc 49 08.50 2.0
 0.5s 185.00nm 5.8mb
 WWKK 23.75 287 eP 49 17.10 6.0X
 RIV 26.24 209 iPd 49 35.90 1.5
 1.0s *****nm 7.4mb X
 iP 49 49.00 53km
 QIS 27.17 247 eP 49 43.10 0.0
 CMS 27.49 220 iPd 49 46.60 0.7
 1.0s 387.00nm 6.0mb
 BWA 28.10 213 eP 49 50.80 -0.6
 eP 50 02.60 46km
 e 50 08.40
 i 50 13.40
 CNB 28.31 210 iPc 49 54.40 1.0
 0.9s 78.00nm 5.4mb
 CAN 28.50 211 eP 49 55.50 0.5
 eP 50 06.20 40km
 NGZ 28.85 165 eP 50 00.30 2.1
 CNZ 28.86 165 eP 50 00.10 1.8
 PAHZ 28.95 162 eP 49 59.50 0.4
 NOZ 29.04 161 eP 50 00.40 0.7
 TTH 29.52 163 eP 50 04.00 -0.1
 WAHZ 29.54 164 eP 50 03.30 -1.0
 ORZ 29.79 170 P 50 07.50 1.0
 DIW 30.02 168 eP 50 09.20 0.6
 MNG 30.18 166 eP 50 08.00 -2.0
 KIW 30.29 167 eP 50 09.80 -1.1
 PGZ 30.38 165 P 50 09.50 -2.2
 TCW 30.49 168 P 50 11.80 -0.8
 CAW 30.56 167 P 50 12.00 -1.3
 MRW 30.60 167 P 50 12.30 -1.3
 MTW 30.70 166 eP 50 12.10 -2.4
 THZ 30.77 170 eP 50 13.90 -1.3
 BLW 30.90 166 P 50 14.60 -1.6
 MOW 30.90 167 P 50 14.80 -1.5
 KHZ 31.51 170 P 50 20.00 -1.6
 LTZ 31.67 172 P 50 22.30 -0.8

WRA 31.85 251 P 50 23.90 -1.0
 0.8s 9.30nm 4.7mb
 TOO 32.03 212 iPd 50 26.90 0.6
 1.0s 313.00nm 6.1mb
 LMZ 32.27 176 eP 50 28.50 0.3
 MQZ 32.63 171 P 50 30.80 -0.5
 GUA 32.63 319 eP 50 15.60 -16.1X
 1.0s 176.00nm
 ASPA 33.10 244 eP 50 34.20 -1.6
 0.8s 197.60nm 6.0mb
 Z 22s 21.70um 5.8Msz
 iPcP 53 18.50
 IS 55 49.20
 ePcS 57 12.90
 iScP 57 24.40
 iScS 01 21.10
 BFD 33.36 216 iPd 50 38.10 0.3
 0.7s 91.00nm 5.8mb
 MMCZ 33.54 176 eP 50 39.00 -0.5
 MHZ 33.61 176 eP 50 40.00 0.0
 LRCZ 33.62 176 eP 50 39.50 -0.7
 SBCZ 33.64 176 eP 50 40.40 0.1
 MSCZ 33.65 176 eP 50 40.20 -0.1
 LSCZ 33.67 176 eP 50 40.00 -0.5
 CMCZ 33.70 176 eP 50 40.90 0.1
 ADE 34.31 222 e(P) 50 47.00 0.9
 MTN 34.39 264 iPd 50 47.10 0.2
 0.9s 148.00nm 5.9mb
 TUZ 34.53 176 eP 50 48.10 0.4
 SWI 36.32 284 ePd 51 03.50 0.1
 KNA 36.69 259 iPd 51 06.00 -0.4
 WARB 40.12 243 iPd 51 35.10 0.1
 1.0s 255.00nm 6.0mb
 AFR 42.89 103 iPc 52 10.90 13.1X
 1.6s 1124.40nm
 PAE 43.09 104 iPc 52 12.70 13.3X
 1.6s 903.00nm
 PPT 43.09 103 iPc 52 12.70 13.3X
 Z 30s *****um 8.9MszX
 MN1 43.14 285 e(P) 51 59.00 -0.9
 PPN 43.22 103 iPc 52 14.00 13.5X
 2.0s 1488.10nm
 TVO 43.40 104 iPc 52 15.40 13.3X
 1.6s 1403.00nm
 BIP 44.36 294 ePd 52 05.50 -4.2X
 DAV 44.49 293 eP 52 12.00 1.2
 PMO 44.68 100 iPc 52 26.20 13.8X
 2.0s 2808.20nm
 VAH 44.94 100 iPc 52 28.00 13.6X
 1.8s 1795.40nm
 TPT 44.95 100 iPc 52 28.20 13.7X
 2.0s 1931.20nm
 RUV 45.18 100 iPc 52 29.90 13.6X
 1.8s 1871.30nm
 MBL 45.49 252 iPd 52 07.30 -11.4X
 0.9s 326.00nm
 COOL 45.97 238 eP 52 22.00 -0.4
 0.4s 14.00nm 5.2mb
 PLP 46.78 297 ePc 52 28.80 -0.1
 MEEK 47.26 244 iPd 52 32.80 0.1
 HON 47.85 47 P- 52 46.35 9.1X
 Z 21s 6.26um 5.6Msz
 S 59 39.07
 OPA 48.07 47 eP 52 40.06 1.0
 eP 52 53.10 48km
 KKH 48.29 51 (P) 52 41.06 0.3
 MHA 48.69 50 eP 52 45.23 1.4
 eP 52 58.13 47km
 NANU 49.58 250 iPd 52 51.60 0.9
 0.5s 46.00nm 5.8mb
 BAL 49.62 240 eP 52 50.00 -1.0
 0.6s 38.00nm 5.6mb
 MRWA 49.97 241 eP 52 53.50 -0.1
 0.7s 35.00nm 5.5mb
 RKG 50.28 234 eP 52 56.00 0.1
 MUN 50.32 238 eP 52 56.00 -0.3
 1.0s 340.00nm 6.3mb
 Z 20s 13.20um 5.9Msz
 TSM 50.63 285 eP 53 00.00 1.2
 TGY 51.63 298 eP 53 06.00 -0.3
 OCP 51.75 299 eP 53 15.00 7.8X
 PPR 51.76 292 ePd 53 07.00 -0.4
 CVP 52.60 303 eP 53 18.00 4.4X
 KKM 52.76 287 ePc 53 15.50 0.5
 1.4s 593.60nm 6.4mb
 TRT 52.98 269 ePd 53 24.00 7.5X
 1.0s 33.50nm 5.3mb

BAG 53.00 301 ePc+ 53 16.00 -0.8
 2.1s 800.00nm 6.4mb
 eS 01 43.00
 CHJJ 53.79 333 P 53 23.50 1.4
 KAGJ 54.31 322 P 53 26.20 0.2
 MAT 54.55 332 eP 53 25.00 -2.7
 0.9s 33.61nm 5.4mb
 Z 20s 4.26um 5.5Msz
 eS 00 59.00
 MTMJ 54.78 332 P 53 27.20 -2.3
 NIJJ 54.78 333 P 53 28.90 -0.4
 KUMJ 55.31 323 P 53 32.70 -0.5
 HOJJ 57.56 340 eP 53 50.60 1.5
 KUSJ 57.74 341 eP 53 48.90 -1.5
 DRV 57.94 192 iP 53 51.90 0.4
 PP 56 12.00
 S 01 57.00
 SS 05 27.00
 SSS 08 00.00
 LR 11 03.00
 OZH 58.90 308 P 53 58.00 -0.8
 Z 24s 3.77um 5.4MszX
 N 20s 5.79um
 pP 54 10.00 42km
 S 01 57.00
 ASEJ 59.32 340 eP 54 01.10 -0.3
 SSE 60.50 316 P 54 08.00 -1.7
 1.4s 89.00nm 5.7mb
 Z 20s 3.20um 5.5Msz
 N 20s 1.80um
 E 20s 1.90um
 pP 54 19.00 37km
 S 02 16.00
 SS 06 08.00
 HKC 61.10 303 eP 54 07.80 -6.1X
 YSS 61.88 342 ePc+ 54 18.00 -0.8
 1.0s 40.00nm 5.5mb
 eS 54 30.00
 eS 02 35.00
 (PPS) 04 05.00
 GZH 62.14 304 P 54 20.50 -0.5
 Z 24s 6.18um 5.7MszX
 E 22s 4.18um
 pP 54 32.00 39km
 S 02 43.00
 NJ2 62.67 315 P 54 24.00 -0.2
 1.1s 60.00nm 5.6mb
 N 22s 4.17um
 S 02 41.00
 OIZ 63.33 298 P 54 27.00 -1.9
 E 21s 6.34um
 S 02 55.00
 KGM 64.00 278 eP 54 34.50 1.1
 1.3s 502.10nm 6.4mb
 KGM 64.00 278 eP 54 46.10 12.7X
 SMY 64.25 5 P 54 40.00 5.7X
 Z 20s 5.21um 5.7Msz
 PET 64.52 355 eP 54 36.00 0.0
 eS 03 12.00
 MDJ 64.94 332 eP 54 38.70 -0.2
 1.5s 110.00nm 5.7mb
 WHN 65.04 311 Pd 54 40.00 0.1
 Z 28s 9.62um 5.8MszX
 N 20s 3.85um
 E 20s 3.51um
 pP 54 52.00 41km
 DL2 65.10 323 P 54 39.00 -1.1
 1.0s 89.00nm 5.8mb
 Z 26s 3.38um 5.4MszX
 N 18s 3.53um
 E 20s 4.82um
 S 03 18.00
 SNY 65.95 326 iPc 54 44.00 -1.4
 Z 28s 4.23um 5.5MszX
 E 16s 1.71um
 sP 54 58.00
 S 03 30.00
 CSY 66.23 201 eP 54 46.10 -0.8
 0.7s 43.80nm 5.6mb
 TIA 66.25 318 Pd 54 47.20 -0.3
 1.4s 35.00nm 5.2mb
 Z 14s 8.09um 6.1MszX
 N 16s 1.94um
 E 16s 2.09um
 S 03 23.00
 CN2 66.34 329 P 54 47.00 -0.9
 1.0s 41.00nm 5.4mb

Z	22s	4.54um		5.6Msz	S	04	56.00		ISA	84.88	52	ePc+	56	34.23	0.8					
N	18s	2.09um			LZH	75.41	312	eP	55	43.50	0.5		1.3s	76.01nm	5.7mb					
E	18s	1.25um				1.5s	190.00nm	5.8mb	Z	21s	5.22um		5.9Msz							
		eP	54	57.00	32kmX			6.43um				eP	56	47.72	46km					
		ePP	57	16.00				4.10um				(P)	56	35.34	0.9					
		eS	03	34.00				pP	55	55.00	38km		eP	56	48.51	44km				
		SS	07	44.00				sP	55	58.50		MMPM	85.06	50	eP	56	35.64	1.0		
IPM	66.04	280	ePd	54	52.00	0.3		PP	58	31.00			eP	56	49.17	46km				
	1.1s	284.00nm		6.2mb				eS	05	19.00		MEMM	85.15	50	eP	56	36.75	2.2		
SNG	67.09	283	eP	54	59.00	0.7	CIT	77.72	330	eP	55	55.00	-0.4		eP	56	49.88	44km		
			eS	03	54.80			e	06	30.00			MTUM	85.33	51	eP	56	36.88	1.1	
GVA	69.07	304	iPc	55	05.80	0.2	SVW	78.31	18	eP	55	58.75	0.2		eP	56	49.78	43km		
	1.2s	62.00nm		5.5mb				1.1s	93.34nm	5.7mb			PEC	85.39	54	(P)	56	37.65	1.7	
Z	30s	4.06um		5.5MszX			YAK	78.59	343	eP	55	59.00	-0.9							
N	20s	3.02um						1.2s	131.00nm	5.8mb				1.6s	71.45nm	5.6mb				
E	20s	1.45um					i			56	11.00	40km		eP	56	49.71	40km			
		pP	55	17.00	37km		eS			06	10.00		PLM	85.47	55	(P)	56	37.13	0.6	
		sP	55	24.00			ePS	06	52.00			SHW	85.71	41	(P)	56	38.38	1.0		
		PP	57	35.00			iPc	56	00.00	-0.5	GSC	86.08	53	eP	56	40.80	1.4			
		P	04	08.00			SPA	78.64	180		5.7mb			eP	56	53.74	43km			
BJI	69.11	321	eP	55	05.00	-0.4		1.1s	92.26nm	5.7mb			e	00	09.43					
	1.6s	170.00nm		5.8mb			Z	20s	1.26um	5.2Msz			eP	56	41.31	0.4				
													eP	56	55.21	47km				
	Z	28s	6.54um		5.7MszX		BGL	79.43	19	eP	56	03.27	-1.4	TIK	86.55	349	iPc+	56	40.00	-0.9
	N	18s	1.62um				CP2	79.47	19	(P)	56	03.66	-1.4		1.8s	82.00nm	5.7mb			
		ePP	57	36.00			CRP	79.50	19	eP	56	04.12	-1.1		i	56	52.00	39km		
		eS	04	02.00						eP	56	17.56	46km							
		eSS	08	26.00			SLKM	79.58	20	eP	56	04.66	-0.8	TNP	86.57	50	eP	56	42.77	0.8
LOE	69.90	293	eP	55	11.00	0.4				eP	56	18.32	47km		1.5s	74.58nm	5.7mb			
TIY	70.20	317	iPc	55	12.00	-0.2	TTA	79.64	17	eP	56	05.29	-0.5			eP	56	55.40	42km	
	1.4s	110.00nm		5.6mb				1.3s	42.06nm	5.2mb			GUN	86.97	299	PKP	56	44.36	0.1	
Z	26s	9.32um		5.9MszX			GTA	79.71	314	P	56	07.50	0.8	TPNV	86.98	52	P	56	50.00	6.1X
N	24s	4.48um						1.0s	66.00nm	5.5mb			Z	21s	10.84um	6.2Msz				
E	24s	6.49um					Z	20s	7.21um	6.0Msz			GLA	87.03	56	eP	56	45.69	1.6	
		S	04	22.00			E	21s	3.22um					eP	56	58.42	42km			
		SS	08	47.00					pP	56	16.50	29kmX	PKI	87.29	299	PKP	56	45.64	-0.2	
XAN	70.77	312	Pd	55	15.30	-0.4			sP	56	19.50			1.6s	458.00nm	6.5mb				
	1.0s	35.00nm		5.3mb					S	06	06.00		KKN	87.45	299	PKP	56	46.52	0.1	
	Z	24s	8.29um		5.9MszX				sS	06	20.00			1.1s	154.00nm	6.2mb				
	N	20s	3.36um						SS	11	18.00		DMN	87.56	299	PKP	56	47.22	0.2	
E	20s	3.70um					PMR	80.73	20	eP+	56	10.03	-1.4		1.5s	600.00nm	6.6mb			
		pP	55	28.00	44km			1.0s	35.09nm	5.3mb			GKN	88.06	299	PKP	56	48.24	-1.0	
		PcP	55	34.00			Z	21s	9.19um	6.1Msz			DPW	88.88	41	(P)	56	53.50	0.9	
		ePP	57	57.00					S	06	22.57				eP	57	06.02	41km		
		S	04	26.00			BOD	81.05	335	eP	56	12.70	-0.5		ePP	00	21.66			
		SS	09	00.00				1.4s	74.00nm	5.5mb			NEW	89.69	41	eP	56	56.04	-0.4	
NST	70.80	291	eP	55	23.00	7.0X	KLU	81.76	21	eP	56	16.37	-0.6		1.3s	48.18nm	5.7mb			
KMI	71.78	301	Pc	55	22.50	0.3	KMPM	82.31	46	eP	56	22.06	1.8	Z	19s	2.79um	5.7Msz			
	2.0s	540.00nm		6.2mb			ZAK	82.32	325	eP	56	19.80	-0.1			eP	57	09.12	43km	
	Z	26s	13.20um		6.1MszX			1.4s	78.00nm	5.6mb			WMQ	89.74	315	iPc	56	57.00	0.2	
N	21s	1.60um					Z	18s	2.06um	5.5Msz				1.5s	57.00nm	5.7mb				
E	21s	3.70um					E	20s	3.02um				Z	25s	4.94um	5.8MszX				
		pP	55	34.20	39km				e	56	34.00	49km	E	25s	5.50um					
		sP	55	42.00					e	59	29.00				PP	00	27.00			
		S	04	33.00					eS	06	32.00				SKS	07	25.00			
SDN	72.12	19	eP	55	21.37	-1.9	IRK	82.66	327	ePc	56	20.00	-1.7		S	07	47.00			
	0.6s	37.39nm		5.5mb				1.4s	39.00nm	5.3mb			TUC	90.14	57	ePc+	57	00.26	1.3	
BDT	72.32	292	eP	55	26.00	0.9			e	56	33.20	45km		1.4s	53.26nm	5.7mb				
	1.2s	63.10nm		5.4mb			IMA	82.73	15	eP	56	21.44	-0.6	Z	20s	8.06um	6.2Msz			
MGD	72.36	352	eP+	55	22.00	-2.6		1.4s	25.30nm	5.1mb					eP	57	13.71	45km		
	1.3s	40.00nm		5.2mb			BALM	82.76	23	eP	56	21.59	-0.6	DUG	90.44	49	eP	56	59.90	-0.3
Z	20s	1.50um		5.3Msz					eP	56	35.52	48km		1.4s	46.08nm	5.6mb				
N	20s	1.50um					LSA	83.01	302	iPd	56	27.00	2.4			eP	57	13.97	47km	
		e	55	37.00	53km		Z	24s	7.75um	6.0MszX			MSU	90.51	51	eP	57	01.20	0.5	
		e	58	12.00					S	06	42.00				eP	57	15.21	47km		
		ePS	05	30.00			ARN	83.10	50	eP	56	25.17	0.8			ePP	00	35.91		
		eSS	09	18.00					ePP	56	38.93	47km	KOD	90.86	280	P	57	04.00	1.2	
HHC	72.47	319	P	55	26.00	0.2			e	59	49.06				eSKS	57	36.00			
	1.5s	130.00nm		5.7mb			SIT	83.34	28	P	56	30.00	5.0X	HVU	90.87	48	eP	57	02.88	0.7
Z	26s	11.30um		6.0MszX			Z	22s	2.64um	5.6Msz					eP	57	16.19	44km		
N	21s	4.32um					WDC	83.49	47	ePd+	56	27.47	1.3	HYB	91.24	287	ePc	57	04.70	0.6
E	25s	7.55um					Z	21s	3.07um	5.7Msz				1.6s	283.30nm	6.4mb				
		S	04	46.00					eP	56	40.77	45km			eS	07	34.00			
CHG	72.87	294	ePc	55	29.30	0.9	FBA	83.52	18	eP	56	24.28	-1.6	PTI	91.43	47	(P)	57	06.14	1.4
	1.5s	245.14nm		5.9mb				0.8s	50.07nm	5.6mb					eP	57	19.62	45km		
		eSg	05	08.00					eP	56	37.63	45km	HHA I	91.53	46	eP	57	06.38	1.3	
CD2	73.26	307	P	55	31.20	0.7	PKEM	83.75	51	eP	56	35.25	7.6X			eP	57	20.18	46km	
	1.4s	100.00nm		5.6mb			ORV	83.87	48	eP	56	28.01	-0.2	GBA	91.54	283	P	57	07.00	1.5
Z	25s	6.35um		5.8MszX					e	56	42.18	49km	DAU	91.65	49	eP	57	07.14	1.1	
E	20s	4.73um							e	59	54.38				eP	57	20.36	44km		
		sP	55	51.00			CMB	84.18	49	eP	56	29.92	0.1	EMUT	91.84	50	eP	57	07.88	1.1
		PP	58	13.00			Z	1.1s	43.01nm	5.5mb					eP	57	20.97	43km		
		S	04	52.00				2.2s	8.46um	6.1Msz			SRU	91.90	51	eP	57	07.44	0.4	
		SS	09	36.00					eP	56	43.44	46km			eP	57	20.47	43km		
BTO	73.33	319	iPd	55	31.00	0.2	MOY	84.21	325	eP	56	29.00	-0.5	LRM	92.09	44	eP	57	08.00	0.2
	N	20s	2.00um					2.0s	126.00nm	5.7mb			PV09	92.83	51	eP	57	11.96	0.5	
E	20s	2.83um					MAW	84.57	202	e(P)	56	35.00	3.8X	PV10	92.87	52	eP	57	11.96	0.4
		pP	55	40.00	29kmX			1.0s	66.70nm	5.7mb					eP	57	25.00	43km		

19d 06h

ELT	93.17	324	eP	57	11.50	-0.7	SIV	125.79	119	ePKP	03	05.00	3.8X	LFF	144.38	342	ePKP	03	33.00	-1.8
	1.6s	105.00nm			6.0mb		KSR	125.82	226	ePKP	03	01.00	-0.3		1.6s	148.65nm				
Z	19s	1.10um			5.3msz		HFS	127.31	343	ePKP	03	01.40	-1.4	LPO	144.48	342	ePKP	03	33.90	-1.1
		e		07	39.00			0.4s	1.00nm						1.1s	33.20nm				
PV08	93.22	51	eP	57	14.93	1.7	NAO	127.49	345	PKP	03	02.20	-0.9	ETER	146.01	338	ePKP	03	39.00	1.3
BW06	93.42	47	eP	57	14.39	0.4		0.7s	6.30nm					ELIZ	146.66	344	ePKP	03	41.50	2.8
	1.4s	28.77nm			5.5mb		BUL	127.86	233	iPKPc	03	05.40	0.2	EGRA	147.19	341	iPKPc	03	42.10	2.6
		epP		57	26.85	41km			ipP		03	19.00		BCAO	147.34	260	iPKPd	03	44.90	4.2X
ALQ	94.22	55	P	57	30.00	12.2X	NAI	128.24	259	iPKP	03	09.00	2.8		1.0s	250.00nm				
	Z	21s			3.56um	5.8msz		1.5s	55.56nm							id		03	54.90	
NDI	94.59	298	Pc	57	19.00	-0.3	HRI	129.90	304	ePKP	03	09.00	0.3	ESEL	148.17	335	ePKP	03	44.50	3.3X
YKA	95.07	27	eP	57	18.30	-2.5	DSI	130.59	302	ePKP	03	10.20	0.3	EROQ	148.19	339	ePKP	03	43.80	2.6
	0.6s	2.80nm			4.9mb		CSS	131.38	307	ePKP	03	17.50	6.1X	STS	148.34	353	ePKP	03	45.20	3.8X
POO	95.84	288	iPd	57	24.40	-0.9	MBH	131.38	300	ePKP	03	11.80	0.2	ERUA	148.63	351	ePKP	03	46.50	4.6X
GOL	95.93	51	P	57	40.00	14.4X	MLR	132.14	323	ePKP	03	10.00	-2.6	ETOR	148.98	343	ePKP	03	46.80	4.2X
	Z	20s			1.50um	5.5msz	OJC	132.53	331	ePKP	03	13.40	0.4	GUD	149.70	345	ePKP	03	48.30	4.5X
GLD	96.05	51	(P)	57	20.56	2.5	SPC	133.01	330	ePKP	03	15.70	1.5	ECHE	149.76	340	ePKP	03	49.20	5.4X
	1.2s	13.75nm			5.3mb		KSP	133.67	334	ePKP	03	15.00	-0.2	PAB	150.79	345	iPKPd	04	01.50	16.1X
	Z	20s			6.63um	6.1msz			e		03	28.70				ePKP	04	27.00		
NVL	96.17	188	eP	57	25.00	-0.8	BRG	134.63	336	ePKP	03	16.60	-0.4			ePP	07	37.00		
	1.4s	50.00nm			5.8mb			1.6s	40.00nm							iPKPc	03	51.50	5.6X	
	Z	20s			9.00um	6.2msz	CLL	134.67	337	ePKP	03	17.00	0.0	EALH	151.47	339	ePKP	03	52.70	6.4X
	N	20s			4.30um			1.4s	18.00nm					EHUE	151.90	341	ePKP	03	53.50	6.4X
E	19s	1.00um							i		03	30.30		EBAN	151.93	343	ePKP	03	54.60	7.6X
		e		00	00.00	748kmX	SRO	134.89	330	ePKP	03	17.60	0.1	EHOR	152.64	345	ePKP	03	54.50	6.5X
		e		01	08.00				e		03	28.90		ECOG	152.69	342	ePKP	03	54.80	6.5X
		e		09	45.00		PRU	135.06	334	ePKP	03	17.00	-0.8	EGUA	153.10	342	iPKPc	03	55.50	6.8X
		eSS		14	52.00			Z	26s				6.0mszX	EPRU	153.45	345	ePKP	03	58.20	9.0X
		eSSS		19	02.00				e		03	30.70		KIC	169.81	241	PKP	04	06.40	0.1
NRI	96.49	340	ePd	57	25.50	-1.7	ZST	135.21	331	ePKP	03	17.40	-0.8			e		05	21.80	
		e		57	37.00	37km	LWI	135.61	255	iPKP+	03	17.00	-3.2X	LIC	169.98	240	PKP	04	06.00	-0.3
KSH	97.39	309	P	57	33.50	1.5	MOX	135.73	337	e(PKP)	03	33.90	14.8X			e		05	22.70	
	0.5s	20.00nm			5.9mb		KHC	136.12	334	PKPc	03	20.10	0.2							
	Z	20s			2.70um	5.7msz		1.3s	12.00nm											
		pP		57	44.00	33kmX		Z	24s				6.2mszX							
		PP		01	37.00			N	24s											
		SKS		08	06.00			E	24s											
RSSD	97.62	47	(P)	57	34.33	1.3			i		03	35.50								
	1.9s	54.92nm			5.8mb				e		07	22.50								
CRZF	97.95	219	eP	57	45.00	10.7X	WTS	136.26	342	ePKP	03	21.50	1.5							
		ePP		01	33.00			0.8s	9.00nm											
		eS		10	24.00		GEC2	136.28	334	PKP	03	08.40	-11.9X							
		eSS		15	36.00			0.4s	0.22nm											
FRU	98.88	312	eP	57	39.00	0.5			e		03	11.50		STV	0.33	63	Pc	39	34.35	0.0
	3.0s	150.00nm			6.0mb				e		03	19.50	-0.8			S		39	38.84	
	Z	26s			2.20um	5.5mszX	GEC2	136.28	334	PKP	03	32.60	12.3X	ENR	0.38	70	Pc	39	35.41	0.0
	E	26s			3.00um		GEC2	136.28	334	PKP	03	37.20	16.9X			S		39	40.78	
		e		57	50.80	38km	GRF	136.64	336	ePKP	03	20.50	-0.4	PZZ	0.43	17	Pc	39	36.21	-0.1
BRVK	102.64	322	ePd	57	54.00	-1.2		Z	20s				5.8msz	SBF	0.44	122	Pg	39	36.84	0.4
	2.5s	86.00nm			6.0mb		BAO	136.70	128	e(PKP)	03	13.00	-9.1X			Sg		39	43.30	
	Z	24s			7.95um	6.2mszX			e		03	21.70		DOI	0.47	30	P	39	36.90	-0.2
	E	24s			4.72um				e		03	25.10				eSg		39	41.80	
QUE	103.67	298	ePd	58	02.50	1.9			e		03	34.00		FRF	0.57	200	Pg	39	39.00	-0.1
MIAR	104.69	57	Pd	58	20.00	15.3X			e		03	55.30				Sg		39	47.20	
	Z	22s			5.94um	6.1msz	PTJ	137.38	329	ePKP	03	16.00	-6.5X	ROB	0.71	73	P	39	41.81	0.2
FVM	107.38	54	PKP	02	40.00	14.6X	ENN	137.60	342	ePKP	03	22.00	-0.6			S		39	51.27	
	Z	22s			6.64um	6.2msz		0.8s	9.00nm					IMI	0.72	104	Pc	39	41.76	0.0
SLM	107.54	53	PKP	02	40.00	14.4X			e		03	27.00	2.7			S		39	51.27	
	Z	20s			2.97um	5.8msz	WLF	138.49	341	PKP	03	27.00	2.7	LRG	0.76	213	Pg	39	42.30	0.0
ASH	111.06	306	ePKP	02	43.00	10.7X	DOU	138.60	342	PKP	03	35.20	10.7X			Sg		39	53.80	
MCWV	115.55	51	PKP	02	50.00	9.1X	CDF	139.17	339	ePKP	03	24.90	-0.8	8HB	0.79	18	P	39	42.42	-0.4
	Z	22s			2.64um	5.8msz		1.4s	21.00nm							S		39	52.63	
CEH	116.52	56	PKP	02	50.00	7.1X	BSF	139.84	339	ePKP	03	25.90	-1.1	LMR	0.82	202	Pg	39	43.50	0.1
	Z	21s			2.70um	5.8msz		0.8s	5.50nm							Sg		39	54.80	
RSNY	118.65	45	PKP	03	00.00	13.4X	HAU	139.85	339	ePKP	03	25.90	-1.0	RRL	0.83	353	Pc	39	43.42	-0.3
	Z	22s			3.40um	5.9msz		1.0s	13.20nm							S		39	54.29	
YJA	119.23	123	ePKPd	02	48.30	-0.7	SSF	141.62	341	ePKP	03	26.60	-3.5X	FIN	0.93	83	Pd	39	45.47	0.1
LPB	119.47	116	PKP	03	00.00	10.5X		0.9s	8.50nm							S		39	57.86	
CCH	120.82	118	ePKP	03	05.00	13.1X	LPL	141.81	337	ePKP	03	28.70	-2.0	BNI	0.97	350	Pd	39	46.30	0.2
HRV	121.22	47	PKP	03	00.00	8.4X		1.0s	13.20nm							eSg		39	56.30	
	Z	21s			5.05um	6.1msz	LPG	141.81	337	ePKP	03	27.70	-3.1X	CKI	1.03	71	P	39	47.60	0.6
PYA	121.59	315	ePKP	03	05.00	12.7X		1.0s	11.20nm							eSg		40	00.90	
		e		04	25.00		SBF	142.88	334	ePKP	03	27.90	-4.5X	RSP	1.08	13	P	39	47.56	-0.4
KAF	121.79	339	ePKP	02	50.00	-2.0		1.3s	59.95nm							S		40	01.28	
	0.6s	7.30nm					FRF	143.46	335	ePKP	03	29.60	-3.7X	PCP	1.25	68	P	39	51.34	0.6
CBM	122.30	41	PKP	03	00.00	6.5X		1.2s	51.45nm							S		40	07.01	
	Z	20s			2.57um	5.9msz	LRG	143.66	335	ePKP	03	30.10	-3.5X	LSD	1.37	7	P	39	53.72	0.8
NUR	123.47	338	ePKP	02	54.50	-0.8		1.3s	94.25nm							S		40	10.73	
	0.5s	12.50nm					LMR	143.70	335	ePKP	03	30.60	-3.1X	LPG	1.41	355	Pn	39	54.10	0.6
SLR	124.91	227	iPKPc	02	59.50	0.1		1.3s	70.05nm							Sg		40	17.50	
	1.4s	104.65nm					CDR	143.72	336	ePKPd	03	31.20	-2.6	LPL	1.43	355	Pn	39	54.40	0.7
CIR	125.05	234	iPKPd	02	59.40	-0.2	RJF	143.81	342	ePKP	03	31.40	-2.5							

GEC2 6.67 42 Pn 41 07.30 -0.7
Sn 42 28.60
S.D. = 0.5 on 24 of 24 obs.

? DEC 19, 1992 07h 57m 19.43±3.71s
28.259 S ±29.6km 67.410 W ±27.7km
DEPTH = 140.0km (geophysicist)
LA RIOJA PROVINCE, ARGENTINA (138)

CYA 1.44 98 eP 57 48.00 0.1
S 58 08.10
RTPR 2.18 159 ePd 57 56.90 0.3
S 58 25.00
CFA 3.41 192 e(P) 58 12.20 -0.2
TCA 3.93 142 ePc 58 18.70 -0.6
S 59 03.00
MRA 4.39 161 e(P) 58 25.80 0.4
S.D. = 0.6 on 5 of 5 obs.

DEC 19, 1992 08h 28m 24.00±0.41s
40.448 N ± 8.5km 78.370 E ±12.3km
DEPTH = 33.0km (normal)
4.6mb (14 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 11.77 185 eP 31 12.00 -0.6
0.5s 24.65nm 5.6mb X
GKN 13.45 155 P 31 35.12 0.1
KKK 13.85 154 P 31 39.98 -0.5
GUN 13.96 151 P 31 42.16 0.2
DMN 13.96 154 P 31 42.08 0.1
PKI 14.10 153 P 31 43.46 -0.4
KAF 37.73 323 eP 35 38.40 0.5
HFS 43.71 319 eP 36 26.70 -0.6
0.4s 1.20nm 4.0mb

NAO 45.07 320 P 36 37.80 -0.5
0.8s 7.80nm 4.7mb
GEC2 45.51 303 Pd 36 43.30 1.3
0.9s 4.20nm 4.3mb

CDF 49.71 304 eP 37 15.10 0.3
0.6s 2.55nm 4.4mb
BSF 50.21 304 eP 37 18.90 0.3
0.8s 10.75nm 4.9mb

LPG 51.05 301 eP 37 25.80 0.5
0.9s 7.70nm 4.7mb
LPL 51.06 301 eP 37 26.00 0.8
0.8s 5.90nm 4.6mb

LOR 52.27 304 eP 37 33.80 -0.3
0.9s 7.85nm 4.7mb
LBF 52.30 304 eP 37 33.80 -0.6
1.0s 7.80nm 4.6mb

SMF 52.51 303 eP 37 35.60 -0.3
1.0s 11.20nm 4.8mb
SSF 52.57 304 eP 37 36.00 -0.4
1.3s 17.35nm 4.9mb

AVF 52.77 304 eP 37 37.60 -0.2
0.8s 11.30nm 4.9mb
FBA 68.96 19 eP 39 27.80 0.3
0.9s 1.20nm 4.0mb

YKA 76.88 6 eP 40 11.80 -2.1
0.8s 1.00nm 3.9mb
WRA 79.48 128 P 40 31.00 2.2
0.8s 0.30nm 3.3mb X
S.D. = 0.9 on 22 of 22 obs.

DEC 19, 1992 09h 34m 06.12±0.39s
45.561 N ± 2.5km 20.950 E ± 2.1km
DEPTH = 22.6 ± 4.1 km
4.6mb (8 obs.)
NORTHWESTERN BALKAN REGION (383)
ML 4.8 (ZAG), 4.6 (VIE), 4.3
(TIR), MD 4.7 (TRI), Felt (VI)
at Timisoara, Romania.

TIM 0.26 47 iPd 34 12.00 -0.4
DEV 1.41 76 iPd 34 31.00 0.5
UZD 1.94 303 iPd 34 39.60 1.3
TNR 2.33 87 iPd 35 21.00 37.1X
BUD 2.34 326 iPd 34 43.90 0.0
COZ 2.40 95 iPd 34 46.60 1.6
PSZ 2.47 343 iPnc 34 45.90 0.1
PLE 2.49 207 iPnc 34 46.51 0.3
iSn 35 32.60
BMR 2.75 39 ePd 34 51.00 1.3
IVA 2.79 196 iPnc 34 49.30 -1.1

SRO 2.89 322 iSn 35 39.01
CMP 2.89 94 iPc 34 52.90 1.2
MTUR 2.92 95 ePd 34 53.00 1.2
PVY 3.05 194 iPnc 34 52.99 -1.1
iSn 35 44.08

NKY 3.09 208 iPnc 34 54.87 0.2
iSn 35 47.23
BRY 3.17 214 iPnd 34 55.80 -0.1
iSn 35 49.81

TTG 3.36 202 iPnd 34 57.91 -0.5
iSn 35 53.18
VTS 3.39 150 iPc 34 58.00 -0.9
ZAG 3.49 276 ePn 35 00.00 -0.3
iSn 35 51.40

MLR 3.51 89 ePd 35 00.00 -0.7
SKO 3.61 174 ePn 35 03.50 1.5
SKO 3.61 174 iPn 35 12.80 10.8X
1.0s 849.00nm

i 35 15.50
iSn 36 03.50
i 36 05.50
i 36 09.00
Lg 36 20.80

BDV 3.62 206 iPnc 35 01.74 -0.4
iSn 35 59.87
SPC 3.66 353 iP 35 04.00 1.1
iPg 35 20.70
i 35 49.80

SDA 3.66 197 i(Sg) 36 09.60
ePn 35 06.00 3.3X
iSn 35 51.00
CVO 3.67 84 eP 35 03.00 0.1

SOP 3.70 307 iP 35 03.40 0.2
ZST 3.73 316 iPnc 35 03.50 -0.1
i 35 10.50
i(Sn) 35 46.00
i 35 53.70

PGB 3.80 141 iPc 35 04.00 -0.7
ULC 3.80 199 iPnd 35 03.79 -0.9
iSn 36 03.47
PVL 3.92 125 iPc 35 06.00 -0.3

ISR 3.97 94 ePc 35 08.00 0.9
PTT 4.01 68 eP 35 08.00 0.3
LACI 4.03 193 iPnc 35 09.50 1.7
iSn 36 00.50

VRI 4.06 84 ePd 35 08.50 0.2
VKA 4.17 312 iPnc 35 09.50 -0.4
iPg 35 29.30
iSn 36 02.70

TIR 4.29 191 iSg 36 32.20
iPnc 35 14.80 3.3X
iSn 36 10.30
VAY 4.40 164 iPn 35 12.00 -1.2

VAY 4.40 164 iPn 35 21.30 8.1X
i 35 26.00
iSn 36 28.80
Lg 36 30.40

OHR 4.45 181 iPn 35 13.80 -0.2
OHR 4.45 181 iPn 35 20.40 6.4X
i 36 08.30
i 36 31.00
i 36 36.60

KNT 4.62 161 Lg 36 39.40
eP 35 16.20 -0.2
GRG 4.72 167 eP 35 17.40 -0.4
OJC 4.72 351 eP 35 18.20 0.4
0.4s 138.00nm

i 36 09.00
i 36 15.00
i 36 35.60
VRAC 4.77 323 iPnc 35 17.90 -0.5
0.6s 381.30nm

e 35 25.60
S 36 12.70
FNA 4.79 176 eP 35 20.52 1.8
SRS 4.84 156 eP 35 18.32 -1.1

IAS 4.86 68 eP 35 21.00 1.4
RAC 4.89 339 eP 35 21.00 0.9
e 36 08.00
TRI 5.04 274 ePn 35 22.60 0.4
e 35 30.40
eRRPg 35 49.00
iSn 36 18.60
eSg 36 46.50

SOH 5.05 159 e 36 49.60
eP 35 20.84 -1.6
CFR 5.09 92 eP 35 24.00 1.1
THE 5.14 163 eP 35 24.00 0.3

VLO 5.20 192 ePn 35 33.60 9.1X
RBL 5.22 282 P 35 24.80 0.0
KBA 5.48 289 iPnc 35 28.00 -0.7
i 35 30.00
i 36 21.40
iSn 36 26.90

LIT 5.57 168 eP 35 29.68 -0.1
KIS 5.68 72 eP 35 32.00 0.8
eS 36 38.00
OUR 5.68 156 eP 35 30.60 -0.6

SRN 5.72 187 ePn 35 45.80 14.0X
FVI 5.78 283 Pd 35 32.50 -0.1
BHG 5.96 294 iPd 35 36.10 0.9
ALN 5.96 140 eP 35 34.68 -0.6

IGT 6.04 185 eP 35 39.87 3.5X
ARV 6.08 253 P 35 37.50 0.5
KSP 6.13 331 iPn 35 36.60 -1.0
KSP 6.13 331 iP 35 44.20 6.6X
0.8s 60.00nm 5.4mb

iPg 35 52.90
iS 36 43.20
i 37 05.40
KHC 6.15 308 iPnc 35 37.40 -0.5
e 35 46.00
e 37 05.00

i 37 25.50
PRU 6.18 318 Pn 35 37.30 -1.0
Sn 36 54.00
e 37 44.50

DMK 6.19 125 iPn 35 35.50 -2.9
AQU 6.32 242 P 35 44.70 4.4X
ASS 6.45 250 P 35 45.40 3.3X
SDI 6.45 236 P 35 45.20 3.0

WET 6.55 306 iPd 35 43.50 -0.1
AGG 6.61 171 iP 35 45.48 1.0
WTTA 6.66 288 iPnd 35 45.80 0.5
i 35 55.00
i 36 55.60

CRE 6.71 256 P 35 47.30 1.4
OGA 7.01 284 eP 35 50.50 0.3
CTT 7.01 126 eP 35 47.70 -2.3
BRG 7.08 321 ePn 35 49.00 -1.9
i 36 19.00
i 37 47.00

FUR 7.12 295 iPd 35 52.40 0.8
FIR 7.14 259 eP 36 42.00 50.3X
EDC 7.27 133 iP 35 52.00 -1.6
ITU 7.37 124 eP 35 49.00 -6.0X

ISK 7.43 124 iP 35 56.80 1.0
OSS 7.59 282 ePc 35 58.40 0.1
KCT 7.60 132 iP 35 56.70 -1.5
HOF 7.73 311 eP 35 58.40 -1.6

GRF 7.76 306 eP 35 59.40 -1.1
e(S) 37 21.00
CLL 7.81 320 iPn 35 59.00 -2.1
e 38 40.00

YLV 7.93 126 eP 36 03.00 0.0
VDL 8.04 281 ePc 36 04.90 0.2
MOX 8.05 313 iPn 36 03.20 -1.4
i 37 57.20

DST 8.21 134 eP 36 05.60 -1.3
EYL 8.39 123 eP 36 03.00 -6.3X
LLS 8.39 283 ePc 36 10.00 0.5

TMA 8.45 278 ePc 36 11.70 1.4
VAI 8.53 276 P 36 09.70 -1.5
SLE 8.85 289 ePd 36 14.40 -1.2
ZLA 8.87 287 P 36 15.42 -0.6

MMK 9.09 278 P 36 21.59 2.5
FEL 9.18 289 eP 36 17.89 -2.5
MNK 9.38 25 eP 36 29.00 6.2X
DIX 9.47 278 ePd 36 25.30 0.9

TNS 9.60 304 ePnc 36 23.80 -2.3
e 36 28.00
i 36 33.80
CDF 9.77 292 eP 36 26.60 -1.8
0.9s 11.30nm 5.2mb X

EMS 9.80 278 iPc 36 29.30 0.3
LPG 9.97 275 eP 36 32.50 1.2
0.6s 16.25nm 5.5mb X
LPL 9.98 275 eP 36 32.40 1.0
0.8s 20.15nm 5.5mb X
BSF 9.99 288 eP 36 29.70 -1.7
0.8s 11.95nm 5.3mb X

19d 09h

ABH 10.01 300 eP 36 31.79 0.2
 BNI 10.07 272 P 36 34.84 2.2
 BNI 10.07 272 P 36 31.70 -0.9
 KAS 10.21 110 eP 36 33.50 -1.0
 RUP 10.25 299 eP 36 35.21 0.3
 HAU 10.31 289 eP 36 34.30 -1.5

0.7s 11.00nm 5.3mb X
 Z 16s 0.17um 5.4msz

BNS 10.65 305 iPc 36 41.30 1.0
 ENN 11.30 303 eP 36 50.00 0.8

0.7s 19.00nm 5.5mb X
 WTS 11.32 310 e(P) 37 00.00 10.5X
 0.7s 9.00nm

DOU 11.89 298 eP 36 59.00 1.9
 SMF 11.93 281 eP 36 56.70 -1.1

0.8s 10.35nm 5.1mb X
 SSF 12.16 283 eP 37 00.40 -0.4

0.7s 4.30nm 4.8mb X
 MAF 12.83 280 eP 37 08.90 -0.9

0.5s 4.30nm 4.9mb X
 OBN 13.79 41 eP 37 17.50 -4.9X

NAO 16.41 342 P 37 53.80 -2.6
 0.7s 2.10nm 3.4mb X

KAF 16.87 9 eP 38 02.10 0.0
 0.5s 5.70nm 4.0mb

ARU 25.74 51 (P) 39 36.00 -0.3
 BRVK 32.46 59 (P) 40 37.00 0.4

BCAO 41.02 184 iPc 41 52.00 2.8
 0.6s 6.00nm 4.5mb

KIC 44.96 218 P 42 23.40 2.1
 GKN 52.57 86 P 43 19.98 -0.4

0.7s 16.00nm 5.0mb
 DMN 53.14 87 P 43 24.48 -0.2

KKN 53.15 86 P 43 24.26 -0.5
 PKI 53.38 86 P 43 26.40 -0.1

GUN 53.50 86 P 43 27.08 -0.3
 0.9s 29.00nm 5.2mb

BOD 54.54 41 eP 43 32.80 -1.4
 YKA 66.58 339 eP 44 55.90 -0.3

0.7s 2.10nm 4.4mb
 CHG 68.50 85 eP 45 08.80 -0.1

FBA 69.53 355 (P) 45 16.70 2.2
 1.2s 5.30nm 4.5mb

BW06 81.63 326 eP 46 28.00 4.2X
 1.1s 1.59nm 4.0mb

PV09 85.05 323 eP 46 46.36 4.9X
 PV10 85.12 323 eP 46 44.93 3.2X

S.D. = 1.2 on 121 of 142 obs.

% DEC 19, 1992 10h 17m 25.33±0.97s
 44.032 N ± 8.9km 7.662 E ± 6.1km

DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)

ML 1.9 (GEN).

IMI 0.20 126 P 17 29.88 0.0
 S 17 33.13

ENR 0.26 318 P 17 30.93 0.0
 S 17 34.55

ROB 0.30 30 P 17 31.76 0.1
 S 17 35.79

STV 0.32 311 P 17 32.03 0.0
 S 17 36.20

FIN 0.43 66 P 17 34.05 -0.1
 S 17 40.00

PZZ 0.62 320 P 17 37.89 0.0
 S 17 46.04

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

* DEC 19, 1992 10h 36m 23.80±0.76s
 6.542 S ± 7.2km 147.268 E ± 8.8km

DEPTH = 51.2 ± 8.0 km
 4.5mb (2 obs.)

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

FINC 0.59 97 eP 36 36.40 0.1
 YYYY 1.33 283 eP 36 46.80 0.4

MDG 1.96 311 eP 36 58.50 3.3X
 PMG 2.85 182 iPd 37 07.00 -0.8

eS 37 50.00
 WWKK 4.65 308 eP 37 44.80 11.6X

WB2 18.30 222 eP 40 35.10 -0.6
 RMQ 19.89 176 eP 40 54.20 0.3

1.2s 37.00nm 4.6mb
 ASPA 21.33 216 eP 41 09.50 0.8

0.6s 9.30nm 4.3mb
 eS 45 04.30

CMS 24.85 183 eP 41 43.70 0.7
 STKA 25.76 191 iPd 41 51.40 -0.1

CHG 53.88 299 eP 45 45.80 1.3
 GUN 68.38 303 P 47 22.42 -0.6

PKI 68.66 303 P 47 24.18 -0.5
 KKN 68.84 303 P 47 25.38 -0.3

DMN 68.93 303 P 47 26.12 -0.1
 GKN 69.45 303 P 47 28.62 -0.7

S.D. = 0.7 on 14 of 16 obs.

DEC 19, 1992 10h 44m 14.03±0.39s
 8.300 S ± 5.8km 122.629 E ± 9.3km

DEPTH = 33.0km (normal)
 4.9mb (9 obs.)

FLORES REGION, INDONESIA (286)

MTN 9.50 119 iPd 46 29.10 -2.6
 0.7s 263.00nm 6.6mb X

KNA 9.53 142 iPd 46 28.00 -4.1X
 eS 48 12.00

NANU 15.74 205 eP 47 52.50 -2.4
 WB2 16.21 137 iPd 47 55.50 -5.6X

eS 50 47.00
 WARB 18.19 168 iPd 48 25.10 -0.7

MEEK 18.63 191 eP 48 33.00 1.8
 eS 51 50.00

QIS 20.44 128 eP 48 51.00 -0.4
 MRWA 21.72 196 eP 49 04.00 -0.4

0.5s 12.00nm 4.6mb
 COOL 22.51 183 eP 49 12.00 -0.3

0.5s 6.00nm 4.3mb
 BAL 22.87 193 eP 49 16.00 0.2

0.4s 24.00nm 5.0mb
 FORT 22.93 168 eP 49 16.50 0.1

0.5s 13.00nm 4.7mb
 PMG 24.26 94 eP 49 30.00 0.6

MUN 24.30 193 eP 49 30.00 0.3
 IPM 25.06 300 ePc 49 44.00 6.9X

RKG 26.65 190 eP 49 52.60 0.9
 STKA 29.35 146 iPd 50 16.10 -0.1

eS 55 43.30
 RMQ 30.69 129 eP 50 29.00 0.8

0.7s 20.00nm 5.0mb
 CMS 31.61 140 eP 50 36.50 0.3

ARMA 34.92 133 iPd 51 06.90 1.8
 0.6s 4.00nm 4.5mb

CHG 35.66 319 eP 51 15.60 4.3X
 TOO 35.74 148 iPd 51 14.00 2.1X

0.3s 14.00nm 5.4mb
 NJ2 40.29 355 eP 51 49.20 -0.6

XAN 44.07 344 eP 52 19.60 -1.2
 TIY 46.75 349 eP 52 43.90 1.8

LSA 48.42 323 iPd 52 56.40 0.6
 BJI 48.47 353 eP 52 56.50 1.1

GBA 49.86 296 P 53 10.00 3.5X
 HHC 49.96 349 eP 53 07.00 0.0

GUN 50.58 317 P 53 11.60 -0.7
 0.8s 43.00nm 5.5mb

PKI 50.69 316 P 53 16.24 3.2X
 KKN 50.91 316 P 53 14.46 -0.2

DMN 50.92 316 P 53 16.78 2.0
 GKN 51.49 316 P 53 17.74 -1.2

MDJ 53.04 6 eP 53 29.60 -0.5
 WMQ 60.77 332 eP 54 23.00 -2.1

SPA 81.75 180 iPd 56 32.00 1.3
 0.6s 20.73nm 5.3mb

TBR 144.03 22 ePKP 03 51.52 3.3X
 YJA 148.69 165 ePKPc 04 02.40 5.4X

S.D. = 1.3 on 29 of 38 obs.

? DEC 19, 1992 11h 25m 37.28±0.96s
 6.667 S ± 11.9km 147.324 E ± 10.1km

DEPTH = 33.0km (normal)
 3.9mb (2 obs.)

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

ML 4.2 (PMG).

FINC 0.53 85 iPd 25 48.00 -0.3
 YYYY 1.41 287 eP 25 59.50 -1.5

MDG 2.08 312 eP 26 11.70 1.1
 PMG 2.73 183 eP 26 19.50 -0.2

eS 27 01.00
 WB2 18.24 222 eP 29 46.30 -3.4X

0.5s 3.70nm 3.8mb
 ASPA 21.26 216 eP 30 23.90 0.7

1.0s 7.20nm 4.0mb
 S.D. = 1.5 on 5 of 6 obs.

? DEC 19, 1992 11h 48m 50.60±2.66s
 37.902 N ± 16.0km 26.788 E ± 23.5km

DEPTH = 10.0km (geophysicist)
 DODECANESE ISLANDS (369)

MD 3.3 (ISK).

YER 1.41 122 ePn 49 16.00 -0.4
 eSg 49 33.00

EZN 1.95 350 ePn 49 24.00 -0.1
 KHL 2.20 78 ePn 49 29.10 1.3

DST 2.23 40 ePn 49 26.50 -1.7
 BNT 2.60 19 ePn 49 35.00 1.6

KCT 2.64 27 ePn 49 34.10 0.1
 YLV 3.33 36 ePn 49 43.00 -0.9

S.D. = 1.4 on 7 of 7 obs.

DEC 19, 1992 12h 14m 22.08±0.09s
 51.906 N ± 2.1km 158.411 E ± 1.7km

DEPTH = 53.0km (geophysicist)
 6.1mb (159 obs.)

NEAR EAST COAST OF KAMCHATKA (218)

Mo=1.3×10¹⁸ Nm (PPT).

Felt (IV) at Petropavlovsk-Kamchatskiy and Severo-Kurilsk.

Two events about 1.2 seconds apart. Depth from broadband

displacement seismograms, based on first event.

FAULT PLANE SOLUTION: P-Waves

NP1:Strike=25 Dip=55 Slip=105

NP2: 180 38 70

Principal Axes:

T P1g=75 Azm=339

P 9 104

Comment: The focal mechanism is moderately well controlled and

corresponds to reverse

faulting with a moderate left-lateral strike-slip component.

The preferred fault plane is

NP2.

RADIATED ENERGY

No. of sta: 12 Focal mech. F

Energy 1.9±0.5×10¹³ Nm

MOMENT TENSOR SOLUTION

Dep 39 No. of sta: 24

Moment Tensor; Scale 10¹⁸ Nm

Mrr=1.00 Mtt=0.37

Mff=-1.37 Mrt=0.46

Mrf=0.01 Mtf=-0.49

Principal axes:

T Vol=1.27 P1g=60 Azm=10

N 0.24 30 197

P -1.51 3 105

Best Double Couple:Mo=1.4×10¹⁸

NP1:Strike=168 Dip=50 Slip=49

NP2: 41 55 128

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.8.: 26S, 72C M.W.: 12S, 16C

Centroid Location:

Origin Time 12:14:29.5 0.2

Lat 51.99N 0.02 Lon 158.93E 0.02

Dep 56.5 0.8 Half-duration 2.5

Moment Tensor; Scale 10¹⁸ Nm

Mrr=1.12 0.02 Mtt=-0.24 0.03

Mff=-0.88 0.02 Mrt=0.36 0.02

Mrf=0.40 0.02 Mtf=-0.55 0.01

Principal Axes:

T Vol=1.24 P1g=77 Azm=324

N 0.07 5 212

P -1.31 12 121

Best Double Couple:Mo=1.3×10¹⁸

NP1:Strike=204 Dip=33 Slip=81

NP2: 35 58 96

PET 1.12 7 iPd- 14 45.00 3.3X

eS 14 58.00

SKR 1.91 230 iPd- 14 53.90 1.2

MGD 9.25 336 ePd- 16 36.00 0.6

Z 14s 22.00um

N 14s 20.00um

OKH 9.54 286 iPnc 16 41.00 1.7

Z 19s 47.50um

iS 18 31.00

SMY 9.65 79 iPd- 16 37.56 -3.3X

YSS		11.32	251 eP	17 07.30	3.7X			eS	24 35.00		S	26 37.00		
Z	16s		21.00um			IMA	27.61	41 iPc	20 05.30 -0.8		PcS	27 30.50		
N	16s		15.90um				1.4s	338.26nm	5.8mb		SS	29 00.00		
E	16s		11.00um					iPcP	23 22.23	NRI	36.09 326 iPc	21 17.90 -2.1		
			eS	19 16.00		IMA	27.61	41 eP	20 25.00 18.9X		1.0s 170.00nm	5.9mb		
SEY		11.48	346 iPnc	17 11.00	5.2X	BRW	27.79	29 eP	20 07.15 -0.2		e	21 36.00 74kmX		
Z	18s		42.00um			KUMJ	27.87	237 P	20 09.00 0.4		e	22 42.00		
KUSJ		12.77	232 eP	17 17.50	-5.4X	BGL	28.01	51 iPc	20 09.24 -0.5		e	23 44.00		
			eS	19 33.70		CP2	28.08	51 iPc	20 10.19 -0.3	SIT	37.47 55 eP	21 32.83 1.2		
ASAJ		13.10	240 P	17 29.30	2.0	CRP	28.12	51 iPc	20 10.29 -0.5		1.4s 364.83nm	6.1mb		
HOOJ		14.00	233 eP	17 35.60	-3.4X	KDC	28.35	59 eP	20 11.00 -1.6	Z	20s 3.07um	5.1MsZ		
			eS	20 06.90		DL2	28.58	258 P	20 19.00 4.1X	WHN	38.65 254 IPd	21 42.00 0.2		
MRRJ		15.10	238 eP	17 49.90	-3.5X		1.0s	120.00nm	5.5mb		0.5s 140.00nm	6.1mb		
			eS	20 36.60		Z	26s	13.50um	5.4MsZ X	Z	20s 6.88um	5.5MsZ		
ADK		15.36	80 (P)	17 56.64	0.0	N	14s	7.61um		N	16s 2.50um			
		1.2s	203.60nm		5.2mb	E	16s	8.82um		E	18s 0.53um			
AOMJ		16.81	235 P	18 09.40	-5.7X	KAGJ	28.91	235 P	20 18.70 0.7	UER	38.66 296 iPc	21 42.00 0.3		
			eS	21 12.70		SLKM	29.13	53 eP	20 17.89 -1.8		1.9s 190.00nm	5.6mb		
OFUJ		17.33	229 P	18 15.80	-5.8X			ePcP	23 24.71	N	11s 3.24um			
YAK		18.47	314 iPc	18 34.80	-0.6	PMR	29.55	50 eP	20 20.50 -2.9	E	11s 2.50um			
		0.8s	1561.00nm		6.2mb		1.0s	81.14nm	5.4mb		e	23 16.00 523kmX		
Z	16s		18.10um		4.4MsZ	Z	20s	7.06um	5.3MsZ		e	23 52.00		
N	16s		7.70um					iPcP	23 26.26	TATO	38.82 240 (P)	21 43.91 0.6		
E	15s		11.60um					e	23 42.72	XAN	39.51 263 P	21 49.00 -0.1		
YAMJ		18.82	230 eP	18 35.30	-4.7X	COL	30.00	44 iPc	20 26.85 -0.5		1.0s 41.00nm	5.2mb		
VLA		19.86	254 iPc	18 45.00	-6.2X	FBA	30.00	44 iPc	20 26.75 -0.6	Z	20s 9.71um	5.6MsZ		
		1.0s	30.00nm		4.6mb X		0.2s	54.29nm	5.9mb	N	11s 3.74um			
NIIJ		20.06	231 P	18 52.20	-1.2	KLU	31.09	50 iPc	20 35.93 -1.2	E	11s 2.09um			
KAKJ		20.36	227 P	18 55.80	-0.6	BJI	31.22	265 eP	20 37.50 -0.8		pP	21 58.00 30kmX		
MDJ		20.43	261 ePc	18 55.53	-1.6		1.2s	82.00nm	5.4mb		sP	22 04.00		
		1.1s	310.00nm		5.5mb	Z	20s	12.00um	5.6MsZ		PP	23 23.00		
Z	34s		24.40um		5.3MsZ X	N	16s	5.19um		GUA	39.78 201 eP	21 58.10 6.7X		
N	17s		11.10um			IRK	32.59	292 eP+	20 49.00 -1.2		0.8s 83.58nm	5.6mb		
E	20s		13.10um				1.2s	92.00nm	5.5mb	OZH	40.43 244 Pc	21 56.00 -0.6		
			S	22 36.00		Z	16s	7.63um	5.5MsZ X	Z	1.1s 320.00nm	6.0mb		
			PcP	23 07.00		N	14s	6.22um		E	12s 2.34um	5.2MsZ		
			ScS	30 22.50				e	21 03.00 56kmX		sS	28 25.00		
MAJO		21.00	231 iPc	19 03.12	0.1	BALM	32.87	50 IPd	20 51.84 -0.8	LZH	41.30 270 iPc	22 04.00 0.1		
MAT		21.00	231 iPc	19 03.20	0.1			ePcP	23 35.88		1.5s 310.00nm	5.8mb		
Z	20s		16.31um		5.4MsZ	TIA	33.05	258 eP	20 52.90 -1.4	Z	22s 15.10um	5.8MsZ		
			eS	22 54.00			1.2s	140.00nm	5.7mb	E	16s 5.76um			
CHJJ		21.03	229 P	19 03.00	-0.3		Z	30s 27.70um	5.8MsZ X		pP	22 19.00 58kmX		
MTMJ		21.16	232 P	19 05.00	0.2		E	20s 14.90um			sP	22 25.50		
IIDJ		22.00	230 P	19 14.30	1.2	HHC	33.60	270 Pd	20 58.40 -0.8		PP	23 42.00		
TSRJ		22.89	233 P	19 22.40	0.6		1.0s	75.00nm	5.5mb		PcP	24 02.50		
CN2		23.39	263 P	19 25.00	-1.6	ZAK	33.92	290 eP	21 02.60 0.9		ScP	27 47.00		
		1.0s	140.00nm		5.4mb		1.1s	97.00nm	5.6mb		PcS	27 54.50		
Z	18s		15.30um		5.5MsZ		Z	13s 15.41um	5.9MsZ X	GTA	41.72 276 iPc	22 07.20 -0.1		
N	15s		5.35um				E	15s 18.57um			1.0s 95.00nm	5.5mb		
E	15s		6.03um					e	22 23.00 436kmX	Z	20s 19.30um	6.0MsZ		
			eP	19 40.00 64kmX				eS	26 20.00	N	15s 5.97um			
			PP	19 58.00				eSSS	29 00.00		PP	23 48.00		
			PcP	23 12.00		SSE	34.25	247 Pc	21 04.00 -0.7		S	28 14.00		
			eS	23 28.00			1.0s	260.00nm	6.1mb	ELT	42.13 302 iPc	22 09.00 -1.3		
			sS	23 54.00			Z	20s 2.30um	4.9MsZ		1.9s 129.00nm	5.3mb		
			ScS	30 27.50			N	14s 2.50um			Z	13s 3.50um	5.4MsZ X	
TIK		23.74	337 iPc+	19 29.00	-0.7		E	14s 1.10um			N	16s 3.00um		
		1.0s	1330.00nm		6.4mb			e	22 23.00 436kmX	E	13s 5.40um			
Z	18s		8.00um		5.2MsZ			e	23 39.00			e	24 00.00	
			iP	19 54.00 119kmX				eS	26 20.00			e	32 01.00	
			e	20 11.00				eSSS	29 00.00	BBP	42.21 236 ePc	22 12.80 1.5		
			i	23 14.00				e	21 08.50 -0.2	NVS	42.95 305 iPc	22 14.80 -2.1		
			iS	23 42.00				e	21 08.50 -0.2		i	22 35.00 84kmX		
WKYJ		24.13	232 P	19 35.50	1.6			e	21 20.00 42kmX		i	22 35.50		
SDN		24.36	66 eP	19 35.60	-0.2			e	21 08.20 -0.3		i	24 00.00		
		1.9s	248.02nm		5.4mb			e	21 09.00 -1.3	YKA	44.74 41 eP	22 31.20 -0.1		
SDN		24.36	66 eP	19 47.00	11.2X			e	26 20.00		0.9s 109.70nm	5.7mb		
YONJ		24.44	237 P	19 38.00	1.2			e	28 44.00	RES	44.81 21 ePc	22 32.90 1.1		
TKSJ		25.08	234 P	19 44.30	1.3			e	21 10.50 -0.3		1.0s 146.00nm	5.7mb		
SHK		25.35	237 iPc	19 46.50	1.0	BTO	34.71	270 IPd	21 08.50 -0.2		44.82 264 eP	22 32.30 -0.2		
		0.9s	504.20nm		6.0mb		1.0s	56.00nm	5.4mb		Z	20s 7.03um	5.6MsZ	
SNY		25.63	261 iPc	19 47.00	-1.0		N	15s 5.74um			E	18s 6.93um		
		1.0s	200.00nm		5.6mb		E	19s 13.20um				PP	24 15.00	
Z	30s		18.10um		5.4MsZ X			pP	21 20.00 42kmX			S	29 03.00	
N	20s		19.70um			MOY	34.72	293 ePd	21 08.20 -0.3			SS	32 22.00	
			sP	20 11.00		NJ2	34.90	251 Pc	21 09.00 -1.3			iPc	22 33.00 0.4	
			S	24 07.00			1.0s	160.00nm	5.9mb					
			sS	24 35.00			N	15s 3.52um						
BOD		25.75	301 iPc	19 48.60	-0.4		E	11s 1.46um						
		0.8s	68.00nm		5.2mb			iPcP	21 25.00					
TTA		26.31	47 eP	19 53.85	-0.4			eS	26 33.00					
		1.0s	205.72nm		5.6mb	TIY	34.96	264 iPc	21 10.50 -0.3					
SHNJ		26.49	239 P	19 56.20	0.2		0.8s	120.00nm	5.9mb					
CIT		27.29	288 eP	20 03.00	-0.2		Z	30s 14.60um	5.5MsZ X					
		18s	14.60um		5.6MsZ		N	18s 10.20um						
E	20s		39.50um					PP	22 34.50					

	1.0s	290.00nm	6.0mb	CTB	52.69	225	ePc	23	35.00	1.7	MTUM	57.71	69	iPc	24	09.51	-0.2	
	Z 20s	4.36um	5.4Msz	LGPM	52.87	69	eP	23	34.92	0.4				pP	24	24.79	57kmX	
	N 15s	1.58um		AAA	52.89	295	eP	23	35.00	0.4	BDT	57.82	256	iPc	24	10.00	-0.3	
	E 15s	3.26um			Z 19s		9.80um			5.9Msz		1.0s	262.20nm			6.3mb		
		sP	22 54.00		N 19s		10.20um				MDG	57.95	195	eP	24	11.20	0.1	
		S	29 02.00		E 19s		2.70um				HVU	57.95	62	iPc	24	11.23	0.0	
HKC	44.99	246	eP	22 34.00	1.0	LBFM	53.13	68	iPc	23 36.93	0.4			pP	24	26.82	58kmX	
			S	29 10.00		WDC	53.25	69	ePc	23 37.25	0.1	GUN	57.99	275	P	24	10.44	-1.4
HON	45.40	115	P	22 50.00	13.0X				ec	23 38.83	5kmX	TNP	57.99	68	iPc	24	11.28	-0.3
	Z 21s	3.44um	5.3Msz						e	23 47.52			1.1s	174.41nm			6.1mb	
GYA	46.23	257	iPc	22 43.00	-0.7	LSA	53.47	273	iPc	23 39.20	-0.2	TSM	58.14	230	ePc	24	12.00	0.3
	1.0s	250.00nm	6.1mb				1.2s	12.00nm		4.8mb X		BCH	58.32	72	eP	24	13.82	0.0
	Z 30s	8.28um	5.5MszX				Z 20s	18.50um		6.1Msz		NST	58.36	254	iPc	24	21.00	6.9X
	N 15s	3.62um					N 20s	7.78um				KKN	58.44	276	P	24	13.86	-1.1
	E 15s	3.61um					E 10s	1.13um					0.4s	228.00nm			6.6mb	
		pP	22 58.00	58kmX				PcP	24 47.00		PKI	58.52	275	P	24	14.26	-1.3	
		PcP	24 19.20		ARU	53.57	317	eP	23 36.00	-3.3X	DMN	58.68	276	P	24	15.68	-0.9	
		PP	24 33.00			1.5s	300.00nm			6.1mb			0.6s	465.00nm			6.8mb	
		S	29 20.00			Z 16s	12.50um			6.1MszX		GKN	58.69	276	P	24	15.30	-1.2
		sS	29 46.00			N 15s	8.00um					ISA	58.93	71	iPc	24	16.64	-1.4
BCP	46.35	234	eP	22 45.00	0.5		E 15s	5.50um					1.2s	68.43nm			5.7mb	
BAG	46.37	234	ePc+	22 44.00	-0.9			e	23 56.00	80kmX		Z 21s	2.96um			5.4Msz		
		eS	29 26.00					e	24 04.00				pP	24 32.50	59kmX			
WMO	46.39	289	iPc	22 44.20	-0.6	KEY	53.61	341	eP	23 39.00	-0.4	FINC	58.99	192	iPd	24	14.70	-3.7X
	1.2s	130.00nm	5.7mb				Z 22s	7.80um		5.7Msz		BW06	59.00	59	iPc	24	18.42	-0.3
	Z 16s	13.50um	6.0MszX					LR	50 00.00				0.9s	162.38nm			6.2mb	
	N 12s	5.42um									DUG	59.02	63	iPc	24	18.65	-0.1	
		pP	23 00.00	62kmX		LMEM	53.84	68	eP	23 41.94	0.2		0.9s	68.55nm			5.8mb	
		PcP	24 20.00			MIN	53.95	69	iPc	23 42.10	-0.4	SBC	59.05	73 (P)		24 20.01	1.3	
		PP	24 34.00					epP	23 57.33	57kmX		TPNV	59.33	68	eP	24	20.90	0.0
		PcS	28 14.00</															

		i	25	21.00		E	17s	3.50um		BRG	73.27	337	iPc	25	48.60	-0.4			
		iPP	27	16.00			e	25	46.00	51kmX	1.1s	135.00nm				5.8mb			
		iPPP	28	50.00			eS	35	27.00		UYO	73.29	56	iPc	25	48.40	-1.1		
		eS	33	10.00		MEO	70.67	58	iPd	25	33.20	-0.7	WIM	73.38	350	ePc	25	49.70	0.1
		ePS	33	40.00		OCO	70.68	57	iPc	25	33.40	-0.6	ELC	73.41	50	iPc	25	49.51	-0.6
		eSS	37	32.00		EDU	70.83	349	ePc	25	34.00	-0.5	MIAR	73.44	55	iPc	25	49.51	-0.8
		eSSS	40	24.00			1.2s	323.00nm						ec	25	50.92			
GOL	63.41	59	ePc	24	48.67	FNO	70.93	57	iPc	25	34.90	-0.6		(pP)	26	02.92	46kmX		
	1.5s		56.89nm		5.4mb	ELO	70.99	350	ePc	25	35.10	-0.4		esPc	26	11.78			
Z	21s		0.83um		4.9Msz	ANN	71.07	320	eP	25	33.00	-3.1X	BMR	73.56	330	ePd	25	52.00	1.2
		ec	24	50.16			Z	21s	3.00um				RSNY	73.63	36	eP	25	49.51	-1.8
		esPc	25	10.35		N	22s	3.50um						1.2s	152.04nm			5.8mb	
GLD	63.45	59	eP	24	49.32	E	22s	3.50um					Z	21s	1.75um			5.3Msz	
	1.6s		424.56nm		6.3mb			e	35	22.00		WTS	73.74	342	iPc	25	52.10	0.4	
Z	20s		3.83um		5.6Msz	TRT	71.11	229	ePc	25	36.00	-0.7		1.0s	847.00nm			6.6mb	
		pP	25	07.42		SOC	71.15	318	eP	25	36.00	-0.6	OLY	73.74	53	iPc	25	50.85	-1.2
MOL	63.57	345	eP	24	47.91		5.0s	1575.00nm					CBM	73.77	31	iPc	25	51.49	-0.5
UPP	64.19	339	iPd	24	52.00		Z	20s	10.60um					0.6s	79.29nm			5.8mb	
REY	64.29	0	iP	24	53.90		N	18s	5.10um				Z	20s	1.88um			5.4Msz	
NAO	64.66	343	P	24	54.90		E	14s	3.40um				DMU	73.85	351	iPc	25	52.60	0.2
HFS	64.76	341	eP	24	55.40			e	25	58.00	84kmX			1.0s	1305.00nm			6.8mb	
	1.1s		282.20nm		6.2mb			ePPP	29	59.00		GBA	73.86	271	P	25	52.20	-0.8	
SNG	64.85	248	eP	24	58.20			eS	34	47.00		DBN	73.94	343	eP	25	53.00	0.1	
	0.8s		265.67nm		6.3mb			e	35	19.00		PRU	73.95	337	iPc	25	53.00	0.0	
		eS	33	40.00				e	35	40.00			1.1s	133.20nm			5.8mb		
HYA	65.11	346	eP	24	57.45	EBH	71.18	349	ePc	25	36.50	-0.2	Z	18s	7.40um			6.0Msz	
TUC	65.78	68	eP	25	03.44	LNO	71.25	56	iPc	25	36.30	-1.0	N	10s	4.80um				
	1.6s		177.33nm		5.8mb	TUL	71.25	56	iPc	25	36.40	-1.0	E	17s	1.90um				
Z	20s		1.16um		5.1Msz		1.2s	490.90nm						e	37	38.00			
		e	25	22.41		Z	20s	3.75um				DZM	73.99	172	iPc	25	54.10	0.5	
ASK	65.91	346	eP	25	03.70			ePcP	25	52.50		OIS	74.01	198	eP	25	52.00	-1.6	
KONO	65.98	343	iPd	25	05.00			S	34	59.00		MOX	74.02	339	iPc	25	53.60	0.2	
EGD	66.11	346	eP	25	05.00			e	48	21.00			1.0s	178.00nm			6.0mb		
ANMO	66.29	63	ePc	25	07.99			LR	49	19.00		Z	19s	5.00um			5.8Msz		
		ec	25	08.99		EAB	71.33	350	ePc	25	37.50	0.0		e	35	20.00			
		epPd	25	21.57	48kmX		1.1s	352.00nm				VRAC	74.05	335	iPc	25	53.00	0.2	
		esPc	25	29.35		ESY	71.40	349	ePc	25	37.80	-0.2		1.7s	1920.60nm			6.8mb	
ALQ	66.29	63	iPc	25	06.09	EDI	71.46	349	ePc	25	38.10	-0.2	WME	74.07	349	ePc	25	53.40	-0.2
Z	21s		0.34um		4.5MszX		1.1s	244.00nm				VR1	74.12	327	ePc	25	54.00	0.0	
ASH	66.72	302	eP	25	09.00		71.50	331	eP	25	49.00	10.4X		ed	44	22.00			
IPM	66.73	246	ePc	25	10.50	LVV	Z	20s	19.00um			GRT	74.13	51	eP	25	54.44	0.1	
	1.0s		166.20nm		6.0mb		N	20s	23.50um			CFR	74.23	326	eP	25	54.00	-0.6	
MNK	66.86	331	eP	25	06.00		E	20s	16.40um			YRC	74.25	349	ePc	25	54.30	-0.3	
Z	20s		21.60um		6.4Msz			e	35	20.00		HOF	74.27	338	iPc	25	54.00	-0.1	
N	20s		12.90um			EAU	71.57	349	ePc	25	39.00	0.0		0.8s	90.00nm			5.8mb	
E	20s		8.60um			EBL	71.59	349	ePc	25	39.00	-0.1	CVO	74.34	327	eP	25	55.50	0.1
		eS	33	49.00		CCM	71.83	51	ePc	25	39.47	-1.4	DLF	74.41	351	iPc	25	56.00	0.4
KAT	66.87	304	iP+	25	10.00			ec	25	40.63			1.0s	1276.00nm			6.8mb		
Z	13s		2.00um		5.5MszX			epPd	25	53.87	51kmX	DCN	74.44	351	iPc	25	56.10	0.3	
N	13s		2.70um			SLM	71.85	50	P	25	50.00	9.1X		1.0s	673.00nm			6.5mb	
E	13s		3.60um			Z	21s	5.19um				BNS	74.65	342	iPc	25	57.00	-0.1	
		i	25	38.00	112kmX	EKA	72.04	349	Pc	25	41.50	-0.3		Z	22s	11.60um			6.1MszX
MA10	67.35	300	iPc+	25	12.00		0.8s	305.90nm				YRH	74.67	349	ePc	25	57.10	0.0	
		i	25	40.00	112kmX	ESK	72.06	349	iPc	25	41.90	0.0	MLR	74.71	327	iPd	25	58.00	0.3
		eS	33	52.00			0.7s	372.00nm					e	44	27.00				
KGM	67.56	242	eP	25	16.50	ELF	72.13	42	P	25	41.70	-0.8	KVT	74.74	319	iP	25	59.00	1.2
		e	25	31.10	52kmX	KNA	72.14	210	iPc	25	42.10	-0.6	ISR	74.82	327	ePc	25	59.00	0.8
KLM	67.59	245	eP	25	16.80	FVM	72.28	51	eP	25	42.44	-1.1	MIM	74.96	33	eP	25	58.23	-0.6
QUE	67.72	291	eP	25	15.00		0.9s	279.28nm				ETA	74.97	350	iPc	25	59.00	0.1	
MTN	68.68	209	iPc	25	21.30		Z	19s	7.46um				1.0s	641.00nm			6.5mb		
	0.8s		279.00nm		6.3mb	DLA	72.30	42	P	25	43.10	-0.4	KHC	74.98	337	iPc	25	59.40	0.4
GRO	68.76	314	eP	25	21.50	LDN	72.31	42	P	25	42.70	-0.9		1.2s	225.00nm			6.0mb	
	1.0s		110.00nm		5.8mb	POO	72.32	278	iPc	25	41.20	-2.8	Z	18s	8.00um			6.1Msz	
N	16s		15.00um				iS	35	58.00			N	16s	5.00um					
E	18s		10.00um			OJC	72.36	334	eP	25	43.40	-0.4	E	16s	5.20um				
		i	25	46.00	96kmX		i	25	45.40	6kmX				e	26	07.00	24kmX		
		iS	35	17.00			i	25	48.00					i	26	20.00			
ACO	68.91	57	iPd	25	21.50	CTA	72.47	192	iPc	25	44.00	-0.7	GRF	75.00	339	iPc	25	59.00	0.7
MUD	69.06	342	iPd	25	24.20		1.0s	75.00nm					Z	22s	570.00nm			6.4mb	
	1.1s		300.00nm		6.1mb		i	25	59.50	56kmX				6.00um			5.8Msz		
COP	69.14	340	iPd	25	27.20	CTAO	72.47	192	e(S)	50	00.00		HCG	75.05	349	iPc	25	59.40	0.0
	0.9s		201.68nm		6.1mb		i	25	43.76	-0.9	BUD	75.06	333	eP	25	59.50	0.1		
Z	18s		5.50um		5.8Msz		ec	25	44.92		ENN	75.08	342	iPc	25	59.60	0.1		
PYA	69.37	316	iP+	25	24.00		epPd	25	58.66	53kmX			1.0s	751.00nm			6.6mb		
Z	20s		5.40um		5.8Msz		esPc	26	05.53		VKA	75.08	335	iPd	26	01.30	1.7		
N	18s		6.00um			KSP	72.72	336	iPc	25	45.30	-0.6		3.5s	1228.00nm			6.2mb X	
E	18s		5.00um				1.0s	142.00nm				TNS	75.10	341	iPc	25	59.00	-0.7	
		i	25	39.00	54kmX		i	25	46.80	5kmX		WET	75.13	337	iPc	26	00.30	0.4	
EEO	70.16	38	ePc	25	31.50		i	25	53.20			MZX	75.16	71	(P)	25	57.50	-2.9	
HYB	70.26	273	iPc	25	30.40	RAC	72.92	334	eP	25	47.00	0.0	HAE	75.19	348	iPc	26	00.30	0.2
	0.8s		215.40nm		6.1mb	WIT	72.99	343	iPc	25	48.00	1.5	CMP	75.21	328	ePd	26	02.00	1.6
EDR	70.41	349	ePc	25	31.70	UZH	73.07	331	iPc	25	50.00	2.1	GEC2	75.21	337	Pc	26	00.20	-0.3
MTA	70.46	313	iPc+	25	31.60	CLL	73.08	338	iPc	25	47.40	-0.6		0.8s	63.56nm			5.6mb	
	0.8s		70.00nm		5.6mb		1.1s	380.00nm						p	26	07.20	22kmX		
Z	17s		2.00um		5.4MszX		Z	21s	4.50um					e	26	21.80			
N	17s		3.00um			SPC	73.17	333	eP	25	49.40	0.7	MEM	75.22	342	iPc	26	00.63	0.4
												MTUR	75.24	328	eP	26	00.50	-0.1	

UCC	75.25	348	iPc	26	00.70	0.2	OSS	78.08	338	iPc	26	17.40	0.8	PLDF	80.12	340	ePc	26	26.40	-1.3
	75.34	343	Pc+	26	01.50	0.5		78.10	346	iPc	26	16.80	0.4		80.12	342	P	26	28.85	1.3
DEV	75.34	330	ePc	26	02.00	0.9	Z	0.9s	516.30nm	6.5mb	MFF	80.13	343	P	26	29.06	1.6			
	75.36	351	iPc	26	01.50	0.4		24s	2.35um	5.4MszX		80.16	345	iPc	26	28.70	1.1			
ECB	1.0s	783.00nm			6.6mb		TRI	78.11	336	eP	26	15.70	-0.8	LACI	1.0s	665.60nm			6.5mb	
	75.42	320	eP	26	02.50	0.8		78.12	327	iPc	26	16.00	-0.6		80.17	330	iPc	26	27.50	-0.2
ECP	75.50	350	iPc	26	02.20	0.4	LLS	78.16	339	iPc	26	17.70	0.6	LSF	80.22	344	iPc	26	29.00	1.0
	75.52	325	iPd	26	02.00	-0.2		78.17	341	P	26	17.39	0.5		0.9s	862.20nm			6.7mb	
SOP	75.56	334	iP	26	03.10	0.8	VTS	78.19	328	iPc	26	17.00	-0.2	SFI	80.27	336	Pc	26	29.80	1.6
	75.63	343	iPc	26	02.91	0.3		78.21	346	iPc	26	17.40	0.4		80.30	337	P	26	30.21	1.5
SNF			id	26	22.96	75kmX	LDF	0.9s	340.70nm	6.3mb	OHR	80.30	329	iPc	26	28.20	-0.3			
				26	02.73	-0.4		78.26	203	iPc		26	18.10	0.6	0.9s	500.00nm			6.4mb	
MCWV	75.68	43	ePc	26	02.73	-0.4	ASPA	0.8s	138.40nm	6.0mb	PGD	80.34	336	P	26	30.40	1.5			
	1.0s	396.16nm			6.3mb			22s	1.40um	5.2Msz		80.39	335	Pc	26	29.70	0.8			
Z	21s				5.4Msz		KZD		eS	36	09.80		TIR	80.39	330	iPc	26	28.50	-0.4	
			ec	26	03.97			78.28	326	iPd	26	18.00		0.5	80.39	340	Pc	26	30.30	1.2
LMN			(pP)	26	17.79	53kmX	RIY	78.29	335	iPc	26	17.20	-0.3	GRN	80.40	341	P	26	30.65	1.6
	75.77	30	iPc	26	06.10	2.6		78.42	339	iPc	26	19.50	1.0		80.41	328	eP	26	28.24	-0.8
GZR	75.82	329	iPd	26	03.00	-0.9	VDL	78.42	339	iPc	26	19.50	1.0	PAIG	80.41	328	eP	26	28.24	-0.8
	75.97	343	iP	26	04.90	0.3		78.51	189	iPc	26	19.20	0.4		80.41	326	eP	26	28.37	-0.7
DOU	76.00	333	eP	26	04.80	0.0	RMO	1.2s	191.00nm	5.9mb	BDI	80.44	337	P	26	29.40	0.1			
	76.09	353	iP	26	05.80	0.6						26	36.20	61kmX	80.44	343	P	26	30.60	1.4
VAL	0.6s	5.00nm			4.6mb	X	GRR	78.53	346	iPc	26	19.40	0.7	CRE	80.52	336	Pc	26	30.50	0.8
	76.09	342	iPc	26	05.73	0.5		1.0s	960.00nm	6.7mb	80.54	342	P		26	31.03	1.3			
WLF	76.19	308	iP	26	06.00	-0.4	EDC	78.56	324	iP	26	18.00	-1.0	FIR	80.55	337	iPc	26	30.80	1.1
	76.41	341	P	26	07.43	0.3		78.58	69	(P)	26	21.00	1.6			iS	36	30.00		
LANF	76.42	348	P	26	07.68	0.6														

19d 12h

UNM	82.38	69 (P)	26 42.00	2.0	PTS	86.90	334 P	27 03.18	1.1	NVL	155.78	206 ePKP	34 08.00	-1.5
AFR	82.51	131 iPd	26 40.30	0.2	WAJH	87.10	310 iPc	27 02.90	-0.3		2.0s	77.00nm		
WARB	82.60	208 iPc	26 41.20	0.7	ECHE	87.12	344 eP	27 03.50	0.3	Z	23s	1.50um		5.8mszX
	0.8s	134.00nm		6.0mb	CNB	87.21	187 eP	27 04.50	1.1	N	21s	1.30um		
PPT	82.63	131 iPd	26 34.40	-6.4X		1.0s	32.00nm		5.5mb	E	23s	0.30um		
	1.8s	481.60nm		6.2mb	CAN	87.25	188 eP	27 02.80	-0.7			e	34 17.00	
PPT	82.63	131 iPd	26 40.90	0.1			epP	27 20.10	61kmX			e	34 36.00	
	2.1s	1627.70nm		6.7mb	EPLA	87.42	348 iPc	27 04.70	0.1			e	34 57.00	
Z	32s	9825.00um		9.0mszX	PAB	87.69	347 iPc	27 06.00	0.0			e	38 18.00	
PPN	82.67	131 iPd	26 41.20	0.2			ePP	30 10.00				e	38 34.00	
	1.4s	246.60nm		6.0mb			iS	37 34.00						
PAE	82.71	131 iPd	26 41.20	0.0	EVIA	88.30	345 eP	27 08.90	-0.1					S.D. = 0.9 on 597 of 640 obs.
MASJ	82.78	314 P	26 42.70	1.0	EALH	88.89	344 eP	27 11.80	0.1					DEC 19, 1992 12h 42m 46.20 ± 0.60s
MGR	82.79	332 P	26 41.10	-0.4	MRWA	88.93	216 eP	27 11.50	-0.2					38.838 N ± 6.2km 26.724 E ± 4.3km
PPM	82.91	68 (P)	26 45.00	2.0		1.0s	96.00nm		6.1mb					DEPTH = 10.0km (geophysicist)
TDS	83.01	331 P	26 43.10	0.5	EBAN	88.96	346 eP	27 12.30	0.3					AEGEAN SEA (365)
VLS	83.03	328 eP	26 42.10	-0.6	EHUE	89.12	345 iPd	27 12.70	-0.2					MD 3.7 (ATH).
MJMA	83.04	303 ePc	26 42.00	-1.0	EHOR	89.51	347 eP	27 14.30	-0.3					
DSI	83.07	314 iPd	26 43.10	0.1	BFD	89.79	193 eP	27 15.00	-0.5	PRK	0.54	319 ePg	42 56.50	-0.6
NANU	83.10	219 iPc	26 44.00	0.9	ECOG	89.80	346 iPd	27 15.70	-0.4	EZN	1.03	343 iPn	43 05.00	-0.7
	0.6s	74.00nm		5.9mb	TOO	89.82	190 iPc	27 16.80	1.1			eSg	43 20.00	
MTHF	83.25	342 P	26 45.65	1.8		1.0s	145.00nm		6.2mb	DST	1.67	62 iPn	43 17.50	1.9
RYD	83.27	302 ePc	26 42.00	-2.3	ENIJ	89.88	345 iPd	27 15.50	-0.9	EDC	1.74	30 iPn	43 16.00	-0.7
LSPF	83.36	343 P	26 46.00	1.6	BAL	89.94	215 eP	27 16.00	-0.4	BNT	1.78	31 iPn	43 17.60	0.5
LESF	83.39	343 P	26 46.30	1.8	EGVA	89.94	348 eP	27 16.40	-0.2	KCT	1.89	41 iPn	43 19.60	0.8
MLS	83.49	343 P	26 46.37	1.3	EPRU	90.24	346 iPc	27 17.10	-0.9	YER	2.10	144 ePn	43 20.00	-1.9
GRBF	83.53	343 P	26 46.56	1.3	ABHA	90.35	347 iPc	27 18.70	0.1	ALN	2.12	346 ePb	43 21.88	-0.2
VLI	83.55	325 eP	26 42.30	-3.1X	KMTA	90.61	301 iPc	27 20.40	0.1			eSb	43 44.68	
EPF	83.55	344 iPc	26 46.30	0.9	DHJN	90.62	301 ePc	27 19.60	-0.7	KHL	2.25	102 ePn	43 23.10	-1.1
	1.0s	486.40nm		6.5mb	EJIF	90.70	300 iPc	27 20.00	-0.8	ATH	2.52	251 ePn	43 28.20	0.4
PERF	83.62	342 P	26 46.74	1.0	MUN	90.89	347 iPc	27 20.50	-0.5	OUR	2.59	306 ePn	43 30.28	1.4
MADF	83.63	345 P	26 46.83	1.0		91.36	215 eP	27 22.50	-0.3			eSn	43 58.88	
ELYF	83.64	345 P	26 46.81	1.0		1.0s	40.00nm		5.8mb	PAIG	2.60	296 ePn	43 31.24	2.3
ESCF	83.66	345 P	26 46.90	1.0	IFR	93.72	346 iP	27 32.50	-1.8			eSn	44 01.00	
JAU	83.66	345 P	26 47.81	1.7	AVE	94.25	348 iPd	27 37.00	0.5	ALT	2.65	84 iPn	43 30.00	0.2
SALF	83.67	343 P	26 47.18	1.2			i	27 49.50	41kmX	CTT	2.65	29 ePn	43 29.60	-0.1
ATE	83.67	345 P	26 47.01	1.0	TIO	96.57	348 iP	27 48.50	1.1	YLV	2.67	49 ePn	43 31.60	1.4
BOH	83.71	345 P	26 47.44	1.2	ANTZ	99.31	350 iPd	27 59.50	-0.1	ISK	2.86	38 ePn	43 33.00	0.4
ELIZ	83.73	345 iPc	26 47.50	1.2	BCAO	114.33	315 ePdiff	29 08.00	1.3	ITU	2.87	37 iPn	43 40.00	7.2X
ISSF	83.74	345 P	26 47.98	1.5		0.6s	3.00nm					iSg	44 21.00	
GRI	83.76	331 P	26 46.88	0.4	LWI	115.16	302 iPKPc	32 59.90	0.5	KDZ	2.98	341 iPc	43 34.00	-0.4
CMS	83.77	191 iPc	26 46.90	0.6	TIC	119.98	341 PKPc	33 08.20	-0.1	DMK	3.08	15 iPn	43 34.70	-1.1
	1.1s	48.00nm		5.4mb	KIC	120.20	341 PKPc	33 08.50	-0.2	EYL	3.16	56 ePn	43 38.60	1.6
ENSF	83.77	344 P	26 49.33	2.7		1.1s	136.50nm			SOH	3.26	308 ePn	43 39.76	1.3
TRGS	83.78	343 P	26 48.11	1.4	LIC	120.39	341 PKPc	33 09.00	0.0			eSn	44 15.92	
ETER	83.80	342 eP	26 48.20	1.6		Z	20s	1.25um	5.5msz	SRS	3.31	314 iPn	43 39.92	0.8
NPS	83.88	323 eP	26 45.40	-1.7	NNA	120.50	69 ePKP	33 07.50	-1.8			iSn	44 16.48	
ACX	83.93	71 (P)	26 49.00	1.4		0.9s	8.40nm			DIM	3.33	345 eP	43 39.00	-0.4
PRNI	84.28	314 iPd	26 49.30	0.1	ARE	127.15	67 ePKP	33 24.00	1.6	AGG	3.43	274 ePn	43 44.76	3.9X
ECRI	84.42	346 eP	26 51.10	1.3	CIR	128.81	286 iPKPd	33 25.00	-0.1	LIT	3.51	292 iPn	43 44.48	2.5
EGRA	84.48	344 eP	26 51.20	1.3			iPKP	33 40.20		MMB	3.58	321 iPc	43 41.00	-1.9
SOI	84.56	331 P	26 50.20	-0.2	LPB	129.12	64 PKP	33 27.00	0.7	PLD	3.61	335 iPc	43 43.00	-0.3
MSI	84.58	331 P	26 46.86	-3.7X		Z	24s	1.55um	5.6mszX	JMB	3.63	358 iPc	43 43.00	-0.5
	0.8s	523.40nm		6.7mb			LR	17 24.00		VLI	3.67	236 ePn	43 43.20	-1.0
UQSK	84.59	306 ePc	26 50.80	-0.1	SBA	129.59	178 iPKPc	33 27.00	2.1	NPS	3.68	194 ePn	43 54.20	9.9X
ATN	84.65	332 P	26 49.40	-1.5	BUL	129.89	290 iPKPd	33 27.50	0.2	KNT	3.74	310 iPn	43 44.05	-1.2
STKA	84.72	194 iPc	26 51.40	0.3		1.0s	10.00nm			GRG	3.94	304 iPn	43 46.82	-1.2
		i	27 05.60	49kmX			iPp	33 29.00		VAY	4.04	309 ePn	43 53.40	4.0X
		iS	37 06.00		CCH	130.89	62 PKP	33 29.00	-0.5	PGB	4.19	333 eP	43 50.00	-1.5
STS	84.91	350 iPd	26 53.00	0.8	SIV	132.44	56 ePKP	33 21.00	-11.1X	PVL	4.50	347 eP	43 54.00	-1.9
AYN	85.08	312 ePc	26 52.80	-0.4			i	33 36.80		VTS	4.60	326 eP	43 57.00	-0.6
MNO	85.09	332 P	26 54.10	0.7	CRZF	133.55	246 ePdiff	30 42.00	10.7X	SKO	5.11	309 ePn	44 06.50	2.0
HQL	85.17	313 iPc	26 53.00	-0.7	CRZF	133.55	246 ePKP	33 27.00	-6.3X					S.D. = 1.3 on 33 of 37 obs.
CGL	85.20	336 P	26 56.97	3.2X			ePP	36 12.00						* DEC 19, 1992 12h 45m 27.35 ± 1.07s
ERUA	85.25	349 iPc	26 55.30	1.4			eSPP	47 42.00						25.931 N ± 6.9km 124.201 E ± 12.8km
EVV	85.26	66 (P)	26 56.00	1.8			eSS	53 30.00						DEPTH = 206.1 ± 9.3 km
AFIF	85.56	304 ePc	26 56.30	0.5			eSSS	58 27.00						4.5mb (11 obs.)
ERC	85.59	334 P	26 56.70	1.0	SLR	134.36	285 iPKPc	33 25.00	-10.7X					NORTHEAST OF TAIWAN (245)
MEEK	85.64	215 iPc	26 55.30	-0.6		1.0s	290.00nm			BBP	5.77	201 iPc	46 52.00	-0.4
	1.0s	250.00nm		6.3mb			i	33 35.00		SSE	5.79	333 eP	46 51.50	-1.1
EZAM	85.66	350 iPc	26 57.20	1.3	YJA	135.09	66 e(PKP)	33 22.00	-15.5X	CVP	8.48	196 eP	47 29.00	1.3
MCT	85.67	333 P	26 55.60	-0.7	KSR	135.28	287 iPKPd	33 38.00	0.5			eS	49 00.40	
EROO	85.68	343 iPc	26 57.30	1.2		1.0s	80.00nm			BJI	15.59	336 eP	48 59.00	1.4
LVI	85.70	334 P	26 57.00	0.8	BDF	138.21	40 ePKPc	33 43.67	0.5	LZH	20.14	305 eP	49 47.50	0.2
MEU	85.79	332 P	26 56.70	-0.1			ec	33 44.75		GUN	34.14	282 P	51 54.78	-0.3
CVT	85.87	333 P	26 58.00	1.1	FRS	139.08	284 iPKPc	33 35.00	-9.2X	PKI	34.59	282 P	51 58.14	-0.7
ETOR	86.10	345 iPc	26 58.50	0.2		1.0s	40.00nm				0.6s	15.00nm		4.8mb
ESEL	86.24	341 iPc	26 59.20	0.4	MDZ	141.07	80 i(PKP)	33 42.40	-5.4X	KKN	34.68	282 P	51 58.90	-0.6
HLW	86.31	316 iP+	27 00.00	0.7	SPA	141.71	180 iPKPc	33 41.10	-6.9X		0.6s	31.00nm		5.1mb
		e	30 22.00			1.0s	84.00nm			DMN	34.85	282 P	52 00.86	-0.1
		e	34 14.00		RFA	142.59	81 iPKPd	33 45.00	-5.4X		0.7s	20.00nm		4.8mb
		i	37 18.00		VAO	145.16	44 iPKPc	33 54.90	-0.2	GKN	35.22	282 P	52 03.42	-0.6
BWA	86.41	188 eP	26 59.90	0.4			i	33 56.60			0.6s	22.00nm		4.9mb
		epP	27 14.50	50kmX			e	34 02.10		GBA	45.46	264 P	53 29.00	1.3
FORT	86.54	206 eP	27 00.20	0.1	BLE	146.01	286 iPKPc	33 57.00	0.9	ASPA	50.19	168 eP	54 02.50	-1.6
	0.5s	31.00nm		5.8mb		1.0s	500.00nm							
GUD	86.59	347 iPc	27 00.70	0.0	LPA	149.02	71 ePKP-	34 04.00	3.1X					

19d 12h

0.3s 3.20nm 4.3mb
 KAF 70.99 330 eP 56 23.50 -0.5
 0.5s 2.30nm 4.2mb
 HFS 77.37 331 eP 56 59.80 -0.7
 0.4s 2.50nm 4.2mb
 NAO 78.22 333 P 57 04.80 -0.4
 0.6s 2.30nm 4.1mb
 YKA 80.29 24 eP 57 16.50 0.3
 0.6s 1.10nm 3.8mb
 LPL 89.01 321 eP 58 00.90 0.6
 0.7s 6.85nm 4.7mb
 LPG 89.01 321 eP 58 01.10 0.7
 0.7s 6.50nm 4.7mb
 KIC 120.98 296 PKP 03 57.90 0.5
 TIC 121.04 296 PKP 03 58.00 0.5
 S.D. = 0.9 on 20 of 20 obs.

DEC 19, 1992 13h 03m 48.32 ± 0.53s
 42.758 N ± 4.6km 19.154 E ± 4.7km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

NKY 0.13 296 iPg 03 52.11 0.6
 iSg 03 55.28
 TTG 0.34 166 iPg 03 55.39 0.1
 iSg 04 00.69
 BRY 0.47 288 iPg 03 57.86 -0.1
 iSg 04 05.29
 BDV 0.53 207 iPg 03 58.61 -0.5
 iSg 04 06.96
 IVA 0.56 78 iPg 03 59.69 0.0
 iSg 04 08.26
 PLE 0.60 17 iPg 04 00.06 -0.4
 iSg 04 09.61
 PVY 0.63 105 iPg 04 01.26 0.3
 iSg 04 10.38
 ULC 0.80 175 iPg 04 03.92 0.1
 iSg 04 15.69
 S.D. = 0.4 on 8 of 8 obs.

DEC 19, 1992 14h 01m 23.38 ± 0.61s
 41.067 N ± 5.6km 22.772 E ± 5.1km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.3 (SKO).

KNT 0.13 45 iPg 01 26.78 0.2
 eSg 01 28.70
 VAY 0.30 329 iPg 01 29.70 0.1
 iSg 01 33.70
 GRG 0.30 249 ePg 01 29.50 -0.2
 eSg 01 34.38
 THE 0.46 161 iPg 01 32.78 0.1
 eSg 01 39.30
 SOH 0.50 119 ePg 01 33.78 0.2
 eSg 01 40.53
 SRS 0.62 85 iPg 01 35.37 -0.5
 eSg 01 44.38
 OUR 1.18 128 ePb 01 45.46 0.2
 eSb 02 02.34
 S.D. = 0.3 on 7 of 7 obs.

& DEC 19, 1992 16h 24m 38.36s
 34.550 N 116.548 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS).

GSC 0.78 344 ePd 24 53.46 -0.5
 PEC 0.83 218 ePd 24 54.02 -0.9
 SSK 1.01 251 eP 24 57.29 -1.2
 eS 25 10.83
 PLM 1.22 192 ePd 25 01.26 -0.9
 eS 25 19.08
 ISA 1.93 306 (Pn) 25 12.71 -0.1
 GLA 2.07 136 ePn 25 13.93 -0.9
 TPNV 2.41 6 (P) 25 19.87 0.0
 TNP 3.57 351 (Pn) 25 34.94 -1.4
 MEMM 3.66 329 (P) 25 47.69 10.2
 BONR 3.68 338 (Pn) 25 39.02 1.0
 ARUT 4.09 37 eP 25 42.21 -1.5
 MSU 5.30 40 (P) 25 58.90 -2.0
 12 obs. associated

& DEC 19, 1992 16h 35m 50.50s
 50.985 N 131.173 W

DEPTH = 10.0km (geophysicist)
 VANCOUVER ISLAND REGION (25)
 <PGC-P>. ML 3.7 (PGC).

HOLB 1.96 99 P 36 22.71 -1.4
 S 36 50.29
 BBB 2.26 57 P 36 26.00 -2.4
 BPBC 2.32 110 P 36 28.12 -1.3
 SKB 2.32 348 P 36 30.00 0.7
 PHC 2.39 95 P 36 28.20 -2.0
 GDR 3.50 108 P 36 45.60 -0.5
 CBB 3.83 102 P 36 51.18 0.5
 YKA 14.62 32 eP 39 16.90 -2.1
 0.6s 0.50nm 3.3mb
 8 obs. associated

? DEC 19, 1992 16h 53m 07.60 ± 1.03s
 6.877 N ± 22.6km 73.168 W ± 22.4km
 DEPTH = 152.1 ± 14.6 km
 3.6mb (2 obs.)

NORTHERN COLOMBIA (99)

BMG 0.21 25 iPd 53 29.00 -0.7
 BOG 2.41 202 eP 53 49.00 0.5
 iS 54 22.00
 SDV 3.21 51 iPd 53 59.50 1.0
 iS 54 37.90
 TOV 4.42 49 iPnc 54 15.10 0.9
 iS 55 03.20
 CEOS 5.24 66 eP 54 23.80 -1.4
 ALQ 41.44 317 (P) 00 46.00 5.0X
 1.0s 2.75nm 3.8mb
 YKA 63.19 340 eP 03 21.10 -0.3
 0.5s 0.20nm 3.3mb
 S.D. = 1.6 on 6 of 7 obs.

* DEC 19, 1992 17h 10m 20.15 ± 0.89s
 19.380 N ± 10.2km 64.724 W ± 5.5km
 DEPTH = 33.0km (normal)
 3.4mb (1 obs.)

VIRGIN ISLANDS (91)

LPR 1.52 226 P 10 44.90 -0.5
 S 11 03.11
 CPD 1.75 220 P 10 48.00 -0.6
 SJG 1.85 227 iP 10 50.00 -0.1
 CLLP 2.18 234 P 10 55.70 0.9
 PORP 2.24 234 P 10 55.70 0.0
 LRS 2.28 242 P 10 56.60 0.3
 MGH 3.56 138 eP 11 15.00 0.5
 S 11 49.50
 PAG 4.42 138 eP 11 26.50 -0.2
 S 12 18.00
 DEG 4.63 131 eP 11 18.50 -11.3X
 MGG 4.73 136 eP 11 31.00 -0.1
 YKA 54.93 334 eP 19 49.70 -0.2
 0.5s 0.20nm 3.4mb
 S.D. = 0.5 on 10 of 11 obs.

% DEC 19, 1992 17h 39m 02.20 ± 1.76s
 60.400 N ± 9.2km 4.984 E ± 14.4km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.3 (BER).

ASK 0.13 51 eP 39 05.44 0.1
 eS 39 07.77
 BER 0.17 95 eP 39 06.14 0.0
 eS 39 08.90
 EGD 0.18 137 iPc 39 05.93 -0.2
 eS 39 09.01
 SUE 0.67 351 eP 39 15.60 0.1
 eS 39 24.59
 HYA 0.97 37 eP 39 20.07 -0.5
 eS 39 34.37
 NRA0 3.25 81 ePn 39 54.79 0.5
 eSn 40 32.84
 eLg 40 45.47
 S.D. = 0.5 on 6 of 6 obs.

& DEC 19, 1992 18h 35m 51.55s
 62.111 N 150.802 W
 DEPTH = 56.7km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.8 (AEIC). Felt (IV)
 at Skwentno.

SKT 0.37 249 iP 36 01.46 -0.6
 eS 36 09.73
 eS 36 09.75
 SUA 0.65 178 eP 36 04.94 -0.3
 PMR 0.95 123 iPd 36 08.11 -0.8
 eS 36 21.33
 CGLM 0.99 216 iP 36 08.64 -0.9
 HUR 1.02 31 iP 36 09.19 -0.8
 eS 36 23.21
 CRP 1.06 218 iPc 36 09.25 -1.4
 S 36 23.63
 CP2 1.09 220 eP 36 09.97 -1.1
 CKN 1.11 217 iP 36 10.54 -0.6
 SPU 1.11 213 iP 36 10.14 -1.0
 eS 36 26.01
 CKT 1.13 217 iP 36 10.54 -1.0
 S 36 26.22
 BGL 1.14 222 ePc 36 10.67 -0.9
 CKL 1.17 219 iP 36 11.20 -0.9
 TRF 1.37 10 iP 36 13.63 -1.2
 S 36 30.56
 NKA 1.39 189 eP 36 16.57 1.6
 PTE 1.51 145 eP 36 15.79 -0.9
 eS 36 35.35
 RND 1.58 34 eP 36 16.51 -1.2
 eS 36 36.05
 SLKM 1.63 170 eP 36 17.78 -0.6
 MPA 1.77 156 eP 36 19.00 -1.2
 DFR 1.77 212 eP 36 19.47 -1.0
 S 36 42.37
 MCK 1.84 27 eP 36 20.67 -0.6
 RDN 1.86 211 eP 36 21.00 -0.7
 NCT 1.86 214 eP 36 20.92 -0.8
 REF 1.87 210 eP 36 21.16 -0.7
 RDW 1.90 212 eP 36 21.62 -0.7
 RS2 1.90 211 eP 36 21.60 -0.8
 RSO 1.90 211 eP 36 21.43 -0.9
 RS1 1.91 211 eP 36 21.71 -0.7
 RED 1.95 210 eP 36 22.24 -0.6
 TOA 2.18 88 P 36 25.30 -0.7
 INE 2.33 209 eP 36 28.17 -0.2
 INW 2.34 210 eP 36 27.86 -0.6
 BRK 2.36 181 eP 36 28.49 0.0
 TTA 2.55 291 eP 36 28.39 -2.9
 NEA 2.60 17 eP 36 29.55 -2.3
 HIN 2.70 128 eP 36 31.01 -2.4
 OPT 2.74 207 eP 36 33.00 -0.9
 CCB 2.88 27 eP 36 33.76 -2.2
 HDA 2.89 35 eP 36 34.51 -1.6
 CVA 2.90 121 eP 36 34.48 -1.7
 AUP 3.04 206 eP 36 37.63 -0.7
 MDM 3.08 21 eP 36 36.60 -2.3
 FBA 3.11 24 ePd 36 36.73 -2.5
 GLM 3.27 26 eP 36 39.32 -2.2
 MCNL 3.41 212 eP 36 41.95 -1.5
 DOT 3.45 60 eP 36 42.16 -1.9
 HMT 3.63 116 eP 36 43.78 -2.8
 IMA 4.17 344 eP 36 51.00 -3.2
 47 obs. associated

? DEC 19, 1992 18h 55m 27.12 ± 9.42s
 18.875 N ± 64.3km 67.136 W ± 45.6km
 DEPTH = 33.0km (normal)

MONA PASSAGE (89)

APR 0.57 137 P 55 38.30 -0.4
 LRS 0.64 154 P 55 38.80 -1.0
 MGP 0.86 177 P 55 42.60 -0.3
 PORP 0.94 150 P 55 43.60 -0.4
 CLLP 0.95 146 P 55 44.10 0.0
 S 55 56.10
 LPR 1.33 115 P 55 49.00 -0.5
 S.D. = 0.4 on 6 of 6 obs.

% DEC 19, 1992 19h 54m 28.96 ± 2.31s
 37.891 N ± 14.3km 26.725 E ± 20.6km
 DEPTH = 10.0km (geophysicist)

DODECANESE ISLANDS (369)
 MD 3.2 (ISK).

YER 1.45 121 ePn 54 55.00 -0.3
 eSg 55 12.00
 EZN 1.96 351 ePn 55 03.00 0.5
 KHL 2.25 78 ePn 55 07.50 0.6
 DST 2.27 40 ePn 55 07.00 -0.1
 EDC 2.61 19 ePn 55 11.00 -0.8
 KCT 2.68 28 ePn 55 13.00 0.1

S.D. = 0.7 on 6 of 6 obs.
 * DEC 19, 1992 19h 56m 14.26±1.05s
 37.500 N ±15.1km 71.768 E ± 9.1km
 DEPTH = 33.0km (normal)
 3.8mb (2 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

QUE 8.32 210 eP 58 16.50 0.8
 eS 59 41.50
 MAIO 9.90 267 eP 58 36.00 -1.5
 eS 00 18.00
 NDI 9.91 151 eP 58 39.00 1.6
 0.5s 10.56nm 5.4mb X
 GKN 14.37 127 P 59 36.98 -0.5
 0.3s 25.00nm 5.3mb X
 KKN 14.93 127 P 59 43.90 -0.9
 DMN 14.94 127 P 59 45.10 0.1
 PKI 15.16 127 P 59 47.42 -0.5
 GUN 15.23 125 P 59 48.22 -0.7
 0.3s 10.00nm 4.5mb
 YKA 80.22 3 eP 08 24.00 1.6
 0.5s 0.10nm 3.1mb

S.D. = 1.3 on 9 of 9 obs.
 ? DEC 19, 1992 20h 20m 19.75±1.83s
 16.271 N ±18.0km 96.571 W ±10.8km
 DEPTH = 10.0km (geophysicist)
 OAXACA, MEXICO (60)

VHO 0.81 349 iP 20 33.50 -2.1
 iS 20 49.50
 EVV 2.47 28 eP 21 01.00 0.4
 iS 21 31.00
 IISM 2.81 344 iP 21 06.50 1.0
 iS 21 43.00
 ACX 3.21 281 eP 21 10.50 -0.7
 iS 21 48.50
 PPM 3.40 325 iP 21 16.00 1.6
 (S) 22 08.00
 III 3.47 308 (P) 21 23.00 7.9X
 (S) 22 14.50
 SCX 3.80 82 iP 21 19.50 -0.2
 (S) 22 07.50
 UNM 3.93 321 (P) 21 00.00 -21.7X
 (S) 22 18.00
 TPX 4.37 108 (P) 21 45.00 17.3X
 MRX 5.57 309 (P) 21 55.00 10.3X

S.D. = 1.7 on 6 of 10 obs.
 ? DEC 19, 1992 21h 45m 12.76±0.97s
 30.476 S ± 9.8km 116.507 E ±14.3km
 DEPTH = 10.0km (geophysicist)
 WESTERN AUSTRALIA (590)

BAL 0.22 127 iPd 45 17.50 0.1
 iS 45 20.60
 MRWA 1.33 340 eP 45 37.30 0.0
 eS 45 54.00
 MUN 1.52 190 eP 45 40.00 0.0
 eS 45 58.20
 KLB 1.55 136 eP 45 40.30 -0.1
 eS 46 00.00

S.D. = 0.1 on 4 of 4 obs.

DEC 19, 1992 21h 57m 21.57±0.14s
 0.023 N ± 2.9km 123.620 E ± 4.1km
 DEPTH = 126.9km (4 depth phases)
 5.5mb (76 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 25S, 32C
 Centroid Location:
 Origin Time 21:57:26.5 0.6
 Lat 0.36N 0.04 Lon 123.51E 0.06
 Dep 138.0 2.1 Half-duration 1.1
 Moment Tensor: Scale 10**16 Nm
 Mrr= 5.28 0.39 Mtt=-4.95 0.62
 Mff=-0.34 0.76 Mrt= 9.14 0.39
 Mrf= 0.56 0.47 Mtf= 3.57 0.50
 Principal Axes:
 T Vol= 11.11 Plg=56 Azm=339
 N -0.06 18 97
 P -11.05 28 197
 Best Double Couple: Mo=1.1*10**17
 NP1:Strike=324 Dip=24 Slip= 140

NP2: 92 75 72
 MNI 1.86 41 iPd 57 57.00 2.9
 eS 58 31.50
 TNE 3.79 78 iP 58 18.50 -0.8
 iS 58 57.00
 TSM 7.14 307 ePd 59 06.50 1.7
 0.2s 310.10nm 6.5mb
 i 00 26.00
 BIP 8.56 18 ePd 59 27.00 3.0
 KKM 9.51 309 ePc 59 40.50 3.7X
 1.0s 498.60nm 6.2mb
 e 01 15.00
 PLP 11.15 7 ePc 00 03.00 4.5X
 TRT 13.37 235 eP 00 30.00 2.5
 1.0s 298.80nm 5.7mb
 14.24 349 iPc 00 43.00 4.4X
 MTN 14.80 150 iPc 00 44.00 -1.7
 KNA 16.48 162 iPd 01 06.50 -0.2
 BAG 16.56 350 eP 01 09.00 1.1
 BCP 16.56 350 eP 01 10.20 2.5
 CVP 17.66 354 iP 01 23.00 1.9
 iS 01 55.00
 PIP 18.43 351 ePd 01 30.00 0.0
 WWKK 20.32 100 eP 01 54.90 5.2X
 MBL 21.38 190 iPd 01 48.00 -12.3X
 0.9s 326.00nm
 KLM 22.18 278 eP 02 12.00 3.8X
 WRA 22.45 153 P 02 10.39 -0.5
 WB2 22.46 153 iPc 02 10.00 -0.9
 0.5s 221.30nm 5.8mb
 eS 06 13.30
 iScP 09 25.90
 MDG 22.74 104 iPc 02 15.80 2.2
 IPM 23.02 282 ePd 02 18.60 2.2
 0.9s 456.90nm 5.9mb
 QIZ 23.23 325 Pc 02 20.00 1.6
 0.8s 91.00nm 5.2mb
 NANU 23.79 199 eP 02 24.20 0.4
 0.5s 86.00nm 5.5mb
 SNG 24.02 288 eP 02 28.10 2.1
 0.8s 82.09nm 5.3mb
 eS 06 48.00
 GZH 25.01 337 Pc 02 37.00 1.7
 1.0s 300.00nm 5.7mb
 FINC 25.07 106 e(P) 02 33.00 -2.9
 PMG 25.24 112 eP 02 37.00 -0.5
 0.9s 50.42nm 5.0mb
 QZH 25.25 349 eP 02 38.00 0.5
 1.2s 230.00nm 5.6mb
 sP 03 17.00
 ASPA 25.58 158 eP 02 40.10 -0.5
 0.7s 113.60nm 5.5mb
 Z 21s 0.40um 3.9MsZ
 eP 03 07.20 129km
 ePcP 06 09.00
 iS 06 57.40
 eScP 09 35.80
 iScS 13 22.40
 QIS 25.75 144 eP 02 42.10 -0.1
 WARB 26.22 174 iPc 02 46.20 -0.2
 WEEK 26.94 190 iPc 02 52.00 -1.0
 LOE 27.62 310 eP 03 01.00 1.8
 e 06 14.00
 NST 27.92 305 eP 03 09.00 7.1X
 BDT 29.67 306 iPc 03 18.20 0.6
 1.0s 345.00nm 6.0mb
 MRWA 29.97 193 iPc 03 19.40 -0.7
 0.6s 19.00nm 5.0mb
 CHG 30.59 309 iPc 03 26.40 0.7
 1.0s 150.00nm 5.7mb
 e 06 21.50
 FORT 30.92 173 iPc 03 28.00 -0.4
 0.6s 91.00nm 5.7mb
 e 03 33.50 19kmX
 GYA 30.95 329 iPc 03 30.00 1.2
 1.0s 79.00nm 5.4mb
 Z 30s 1.18um 4.4MsZ
 pP 04 01.80 150kmX
 PcP 06 22.40
 SSE 30.99 356 Pd 03 28.50 -0.5
 1.1s 74.00nm 5.3mb
 Z 20s 0.60um 4.3MsZ
 PcP 06 21.60
 BAL 31.16 192 eP 03 29.50 -1.0
 0.5s 40.00nm 5.4mb
 WHN 31.61 345 eP 03 35.00 0.6

1.5s 250.00nm 5.8mb
 PcP 06 23.50
 KAGJ 31.75 12 P 03 34.90 -0.8
 KMI 32.10 323 Pc 03 40.00 0.9
 1.6s 170.00nm 5.6mb
 Z 36s 18.80um 5.5MsZ
 NJ2 32.17 352 Pc 03 40.00 0.7
 1.0s 76.00nm 5.4mb
 MUN 32.59 192 iPc 03 42.30 -0.7
 1.0s 30.00nm 5.0mb
 KUMJ 33.05 11 P 03 46.30 -0.6
 SHNJ 34.64 11 P 03 59.70 -0.9
 SHNJ 34.64 11 P 04 00.20 -0.4
 TKSJ 35.17 15 P 04 05.10 0.0
 RMQ 35.79 139 eP 04 10.30 -0.1
 0.7s 20.00nm 5.0mb
 e 04 43.00 147kmX
 e 06 37.30
 e 07 14.20
 WKYJ 35.82 17 P 04 10.70 0.1
 STKA 36.00 153 iPd 04 11.90 -0.2
 iP 04 18.40 22kmX
 iPP 04 45.10
 iS 09 40.60
 iScP 10 10.50
 iScS 14 12.00
 CD2 36.04 330 P 04 13.80 1.3
 1.0s 120.00nm 5.7mb
 YONJ 36.17 14 P 04 13.60 0.1
 TIA 36.51 351 eP 04 15.00 -1.3
 1.2s 53.00nm 5.2mb
 PcP 06 37.70
 ScP 10 11.10
 XAN 36.54 339 P 04 16.50 -0.2
 1.0s 66.00nm 5.4mb
 pP 04 44.50 123km
 sP 04 59.00
 PcP 06 37.00
 TSRJ 37.16 17 P 04 21.70 -0.1
 HNR 37.36 106 eP 04 23.00 -0.7
 ADE 37.56 159 eP 04 25.90 0.7
 CMS 37.74 148 iPd 04 27.40 0.6
 0.4s 6.00nm 4.8mb
 e 05 00.00 148kmX
 DL2 38.74 358 eP 04 35.00 0.1
 MAT 38.78 19 iPc 04 34.10 -1.2
 1.0s 136.00nm 5.7mb
 eS 10 21.00
 TIY 38.90 346 Pc 04 36.00 -0.4
 1.0s 91.00nm 5.5mb
 Z 20s 0.50um 4.3MsZ
 LZH 40.32 335 eP 04 50.00 1.8
 1.4s 200.00nm 5.7mb
 pP 05 19.00 129km
 PcP 06 50.00
 ScP 10 27.00
 PcS 10 40.00
 ARMA 40.32 141 iPc 04 50.00 1.8
 0.3s 24.00nm 5.4mb
 i 04 55.10 17kmX
 e 05 23.50
 BJI 40.40 351 eP 04 48.00 -0.6
 1.3s 140.00nm 5.6mb
 ScP 10 27.00
 YAMJ 40.86 20 P 04 52.70 0.2
 BFD 40.95 157 iPc 04 54.10 1.0
 BWA 41.39 148 eP 04 59.40 2.5
 i 05 05.20 20kmX
 i 05 25.90
 i 05 32.50
 e 07 31.50
 eScP 10 32.10
 SNY 41.61 360 Pc 04 57.60 -0.9
 HHC 42.09 346 P 05 02.20 -0.4
 1.0s 51.00nm 5.2mb
 BTO 42.24 345 eP 05 04.30 0.5
 OFUJ 42.24 21 eP 05 04.10 0.4
 CAN 42.39 149 eP 05 06.50 1.5
 i 05 12.30 19kmX
 i 05 32.60
 i 05 39.50
 iPcP 06 57.30
 i 07 33.70
 iScP 10 36.00
 RIV 42.45 145 eP 05 14.00 8.5X
 i 05 40.30 114kmX
 TOO 42.51 154 iPc 05 08.00 2.0

19d 22h

	0.7s	60.00nm	5.4mb	SDN	81.97	34 eP	09 28.26	-0.1	CAF	111.81	319 ePKP	15 43.50	0.3	
	i	05 14.90	23kmX		0.6s	259.50nm		6.2mb		0.9s	11.80nm			
	i	05 40.50				e	10 07.41	157kmX	RJF	112.01	320 ePKP	15 43.80	0.2	
	i	05 55.60		PYA	83.19	314 iPc	09 34.00	-1.0		0.8s	9.40nm			
CN8	42.57	148 eP	05 08.80	2.2		1.0s	100.00nm	5.6mb	LPF	112.42	323 ePKP	15 44.50	0.3	
	0.8s	49.00nm		5.3mb	SVW	85.51	29 ePc	09 47.10	0.9		0.5s	5.70nm		
	i	05 42.10	150kmX			0.8s	45.44nm	5.4mb	MFF	112.52	322 ePKP	15 44.20	-0.3	
LSA	42.76	317 iPc	05 09.80	1.2	TTA	85.59	27 eP	09 47.22	0.5		0.8s	11.30nm		
	1.0s	10.00nm		4.5mb X		0.8s	11.43nm	4.8mb	DMU	112.60	331 ePKP	15 44.00	-0.4	
AOMJ	43.13	19 eP	05 11.90	1.0	BRW	86.65	19 eP	09 52.59	1.0	LFF	112.66	320 ePKP	15 45.30	0.5
CN2	43.62	2 eP	05 13.20	-1.6	NAI	86.82	269 iPc	09 55.50	1.6		0.7s	7.70nm		
	1.0s	12.00nm		4.6mb		1.0s	40.00nm	5.3mb	BGMT	113.47	40 ePKP	15 47.20	0.5	
Z	20s	0.49um		4.4Msz	IMA	87.01	24 iPc	09 54.17	0.5		e	16 27.90		
	PcP	07 00.00				0.8s	28.85nm	5.3mb	EPF	113.71	318 ePKP	15 46.80	-0.2	
	eS	11 30.00			BGL	87.08	29 eP	09 53.30	-0.7		0.8s	7.00nm		
MDJ	44.72	6 Pc	05 23.00	-0.6	CP2	87.15	29 ePc	09 54.02	-0.4	HVU	114.44	43 ePKP	15 49.28	0.7
	1.0s	110.00nm		5.5mb	CRP	87.19	29 eP	09 54.03	-0.6	ECHE	116.00	315 ePKP	15 52.00	0.5
GTA	44.84	334 Pc	05 25.00	0.1	ANN	87.37	315 eP	09 54.00	-1.5	MSU	116.15	46 ePKP	15 53.07	1.0
	1.0s	71.00nm		5.3mb		0.6s	30.00nm	5.5mb	BW06	116.17	41 ePKP	15 51.42	-0.6	
Z	14s	0.58um		4.7MszX	SLKM	88.08	30 ePc	09 57.81	-0.9	ETOR	116.25	317 ePKP	15 52.50	0.5
	PcP	07 05.00			HRI	88.21	303 eP	09 59.90	-0.1	EMUT	116.60	44 ePKP	15 52.87	0.0
MRRJ	45.04	18 eP	05 26.00	-0.2	OBN	88.27	325 iPc	09 58.00	-1.6	EALH	117.01	313 ePKP	15 53.20	-0.2
GUN	45.57	311 P	05 31.02	-0.1		0.8s	67.00nm	5.7mb	SRU	117.09	45 (PKP)	15 53.78	0.0	
	0.4s	198.00nm		6.1mb	ADI	88.64	303 eP	10 01.80	-0.2	EVIA	117.48	315 ePKP	15 54.50	0.1
HOOU	45.74	20 P	05 32.70	1.0	PMR	88.66	29 eP	10 00.37	-1.0	GUD	117.77	317 iPKPc	15 55.50	0.6
PKI	45.76	310 P	05 32.06	-0.5		1.0s	30.70nm	5.3mb	EHUE	117.88	314 ePKP	15 54.80	-0.4	
KKN	45.97	310 P	05 33.66	-0.4	SAGI	89.09	300 eP	10 03.60	-0.6	ENIJ	117.94	313 iPKPd	15 55.00	-0.2
DMN	46.01	310 P	05 34.20	-0.3	FBA	89.38	25 eP	10 03.28	-1.5	PV08	118.65	45 ePKP	15 57.75	0.8
	1.1s	414.00nm		6.1mb		0.5s	4.17nm	4.8mb	ECOG	118.81	314 iPKPc	15 56.00	-1.0	
GKN	46.57	310 P	05 38.32	-0.4	SPA	90.02	180 iPc	10 08.70	0.8	EGUA	118.99	313 iPKPd	15 56.90	-0.3
KUSJ	46.87	21 P	05 40.80	0.2		0.7s	27.34nm	5.4mb	RSSD	119.00	37 ePKP	15 56.51	-0.8	
KOD	47.01	284 eP	05 41.00	-1.6	KLU	90.20	29 eP	10 08.93	0.2		e	16 37.30		
ASAJ	47.06	19 P	05 42.30	0.1	CSS	90.23	305 eP	10 10.60	1.3	ELUQ	119.20	314 ePKP	15 57.50	-0.1
DZM	47.14	121 iPc	05 43.20	-0.1	CIR	91.91	249 iPd	10 17.30	0.0	EHOR	119.78	315 ePKP	15 59.00	0.4
HYB	47.59	294 iPc	05 45.70	-1.1	BALM	91.94	29 ePd	10 17.08	0.3	EPRU	120.15	314 ePKP	15 59.00	-0.4
	0.8s	161.50nm		5.8mb	KEV	92.28	340 eP	10 15.00	-3.0	GOL	120.40	42 iPKPd	16 01.02	0.9
GBA	47.68	288 P	05 46.00	-1.4	KAF	93.41	332 iP	10 21.60	-1.8		epPKP	16 40.44		
YSS	49.69	17 eP	06 00.00	-2.4		0.3s	8.20nm	5.5mb	ALO	121.80	48 ePKPc	16 03.95	1.1	
	1.4s	130.00nm		5.6mb	MNK	93.56	324 eP	10 21.00	-3.2X		epPKP	16 43.54		
POO	52.20	294 eP	06 27.50	5.6X	NUR	94.40	331 eP	10 26.00	-1.9	ALO	121.80	48 (Pdiff12)	13.30	-17.8X
CIT	52.47	352 eP	06 23.00	-0.4		0.9s	22.60nm	5.5mb	ANTZ	127.27	307 iPKPd	16 14.00	0.6	
NDI	52.69	307 iPc	06 23.50	-1.8	BUL	94.71	250 iPd	10 30.70	0.3		i	16 16.00		
	0.5s	140.85nm		6.1mb		1.1s	74.68nm	6.0mb	MEO	127.55	44 iPKPc	16 14.20	0.4	
ZAK	53.09	344 eP	06 28.00	0.2	SLR	94.82	244 iPd	10 31.00	0.2	LIC	128.38	278 PKP	16 00.70	-15.2X
	1.0s	21.00nm		5.0mb		1.0s	25.00nm	5.5mb	TUL	128.83	41 ePKP	16 16.00	-0.1	
WMO	54.10	328 Pc	06 35.00	-0.5	MLR	95.38	316 ePc	10 32.00	-1.0		1.0s	31.80nm		
	1.5s	120.00nm		5.6mb	FRS	97.22	240 iPd	10 42.00	0.6	LNO	128.83	41 ePKP	16 15.30	-0.7
	pP	07 05.00	127km		HFS	99.80	331 eP	10 49.60	-2.9	LNO2	128.83	41 ePKP	16 15.70	-0.3
	PcP	07 38.00				0.4s	6.90nm	5.5mb	RLO	129.18	41 ePKP	16 17.70	0.9	
	PP	08 34.00			KSP	100.87	322 ePdiff10	56.60	EEO	129.45	20 ePKP	16 20.00	3.0X	
MOY	54.91	343 ePc	06 40.80	-0.3		e	15 09.30		MIAR	131.09	41 ePKP	16 20.77	0.3	
	1.0s	42.00nm		5.3mb	NAO	100.92	333 Pdiff10	55.00		eSKP	19 32.74			
BOD	58.14	354 iPc	07 02.70	-1.2		0.7s	7.70nm	5.4mb	OLY	131.87	39 ePKP	16 21.50	-0.4	
	1.0s	75.00nm		5.6mb	RES	101.98	10 ePdiff11	03.00		eSKP	19 35.27			
KSH	58.54	318 P	07 07.60	0.4		0.7s	4.00nm	5.3mb	ELC	132.05	36 ePKP	16 23.13	1.0	
	0.8s	60.00nm		5.6mb	GEC2	102.99	320 Pdiff11	06.20		eSKP	19 35.92			
THZ	60.81	139 eP	07 23.10	0.5		0.6s	1.19nm	4.9mb	LMN	133.72	8 ePKP	16 27.50	2.4	
	e	07 28.10	16kmX		YKA	104.13	24 ePdiff11	11.10		TBR	135.95	19 ePKP	16 29.31	-0.1
FRU	61.13	321 eP	07 24.00	-0.8		0.9s	1.90nm	5.0mb	LVNJ	136.06	20 ePKP	16 29.29	-0.4	
	3.0s	270.00nm		5.7mb	GRF	104.31	322 ePdiff11	13.40	TKL	136.29	33 ePKP	16 30.70	0.4	
	e	08 02.80	165kmX		BCAO	105.04	275 iPdiff11	15.50	NAV	136.53	29 ePKP	16 30.70	-0.1	
ELT	61.45	335 iPc	07 24.60	-2.0		0.9s	9.00nm	5.8mb	PRM	138.23	33 ePKP	16 34.78	0.8	
	0.8s	87.00nm		5.8mb		ed	14 25.00		RFA	143.63	163 iPKP	16 41.70	-1.9	
KHZ	61.54	140 eP	07 27.00	-0.5		id	15 31.00		MDZ	145.27	161 i(PKP)	16 48.20	1.8	
	e	07 32.70	19kmX		LGPM	107.61	47 ePKP	15 37.04	1.5	MRA	146.60	166 e(PKP)	16 50.00	1.5
	e	07 54.40			BSF	107.69	321 ePKP	15 34.90	-0.6	RTLL	146.82	161 ePKPd	16 51.30	2.3
	e	08 01.00				0.8s	9.25nm		YJA	156.26	159 ePKPc	17 06.00	2.4	
MNG	61.98	137 eP	07 29.30	-1.1	HAU	107.90	321 ePKP	15 35.50	-0.2	LPB	159.93	145 PKP	17 11.60	3.7X
	e	07 34.90	18kmX			0.7s	4.20nm		BAO	162.41	208 e(PKP)	17 09.00	-1.0	
	e	07 56.20			LPG	108.52	319 ePKP	15 37.20	-0.1		e	17 10.10		
	e	08 03.80				0.7s	3.95nm			e	18 00.10			
YAK	62.01	3 iPc+	07 28.70	-1.5	LPL	108.52	319 ePKP	15 37.10	-0.2		e	18 38.10		
	0.8s	517.00nm		6.6mb X		0.7s	6.15nm		SIV	163.47	164 PKPc	17 18.00	7.0X	
NOZ	62.90	134 eP	07 35.00	-1.5	LOR	109.74	321 ePKP	15 38.90	-0.3		S.D. = 1.1	on 209 of 225 obs.		
MGD	63.51	15 iPc+	07 40.00	-0.2	LBF	109.78	321 ePKP	15 39.10	-0.2		DEC 19, 1992 22h 01m 39.85± 0.72s			
	0.9s	140.00nm		5.9mb		0.7s	4.85nm			19.126 S ± 7.3km	69.423 W ± 8.6km			
	e	08 15.00	146kmX		SSF	110.04	321 ePKP	15 39.70	-0.1		DEPTH = 138.4 ± 8.7 km			
BRVK	68.86	329 iP	08 12.00	-2.2		0.8s	9.40nm			4.8mb (4 obs.)				
	1.0s	53.00nm		5.3mb	AVF	110.25	321 ePKP	15 39.80	-0.3		NORTHERN CHILE	(123)		
MAIO	69.34	309 iPc	08 16.00	-1.6		0.7s	4.95nm		LPB	2.87	26 P	02 27.00	0.9	
ASH	70.67	310 eP	08 22.00	-3.6X	BGF	110.66	321 ePKP	15 40.90	-0.1		1.0s	590.00nm		
SHI	73.60	301 eP	08 41.00	-2.3		0.7s	14.00nm		ARE	3.30	323 iPd	02 31.00	-0.6	
GRO	81.22	314 iPd	09 24.50	-0.2</										

YJA	4.76	130	iPd	02 53.30	2.1	OUR	0.30	317	ePg	29 43.01	0.9	SPA	71.54	180	iPd	19 45.20	-5.0X
SLA	6.66	148	iPd	03 17.30	0.6	PAIG	0.47	247	ePg	29 47.64			0.6s	14.23nm		4.9mb	
SIV	8.55	70	iPc	03 42.40	0.3				ePg	29 45.72	0.2	QZH	77.33	302	P	20 24.00	0.5
NNA	10.07	314	eP	04 01.50	-0.7	SOH	0.98	316	ePg	29 52.88			1.0s	80.00nm		5.4mb	
	0.6s	10.00nm			4.7mb				ePg	29 54.12	-0.4	TNP	78.54	43	eP	20 31.00	0.8
			eS	05 48.50					eSg	30 08.04			0.6s	2.04nm		4.0mb	X
RFA	15.61	177	eP	05 12.90	-0.7	SRS	1.12	334	ePg	29 57.00	0.1			eP	21 32.00	258km	
BAO	20.74	84	e(P)	06 09.00	-2.4	KNT	1.46	316	ePb	30 01.44	-0.9	TUC	79.97	51	eP	20 38.24	0.5
			e	06 10.00					eSb	30 21.48			0.6s	3.26nm		4.3mb	
			e	06 13.10		ALN	1.58	60	ePb	30 04.12	0.1	MDJ	80.31	324	eP	20 39.10	0.0
			e	06 47.40			S.D. = 0.8	on	6 of	6 obs.			1.0s	18.00nm		4.8mb	
			e	07 02.90								NJ2	80.48	308	Pc	20 41.00	0.8
VAO	21.30	104	eP	06 15.80	-1.1		DEC 20, 1992	00h 08m	56.09± 0.34s			BGL	81.70	11	eP	20 44.37	-1.8
			e	06 17.40			18.572 S ± 6.0km	175.538 W ± 7.9km							eP	21 49.05	272km
FVM	60.14	341	eP	11 35.27	0.4		DEPTH = 263.3km (4 depth phases)					CP2	81.73	11	eP	20 45.03	-1.4
	0.5s	16.55nm			5.3mb		5.2mb (36 obs.)					CRP	81.75	11	eP	20 44.29	-2.2
			pP	12 05.35	124kmX		TONGA ISLANDS		(173)			MSU	82.11	45	eP	20 49.75	0.8
			sP	12 17.22											eP	21 50.69	255km
LIC	68.21	75	P	12 27.60	-0.2	VUN	5.73	275	iPc	10 24.00	2.3	CN2	82.23	321	P	20 48.80	-0.3
TIC	68.39	75	P	12 28.80	-0.1	BKM	15.45	271	iPc	12 24.00	1.3		1.4s	42.00nm		5.0mb	
KIC	68.53	75	Pc	12 29.70	-0.1	DZM	17.25	255	iPc	12 42.10	-0.3	TTA	82.67	9	eP	20 50.46	-0.6
	0.4s	8.00nm			4.9mb	WCZ	19.48	205	eP	13 06.10	1.1		1.2s	12.32nm		4.5mb	
ULM	72.92	343	eP	13 03.50	8.1X	KUZ	19.67	201	eP	13 07.90	1.0	WHN	83.20	305	eP	20 55.50	1.2
YKA	88.80	341	eP	14 21.30	2.6	HBZ	19.71	195	eP	13 08.70	1.4	SRU	83.52	45	eP	20 56.29	0.3
	0.8s	2.00nm			4.2mb	PUZ	20.17	194	eP	13 13.80	1.9	PV08	84.54	46	eP	21 00.96	-0.3
WB2	134.71	212	ePKP	20 48.10	3.7X	URZ	20.64	197	eP	13 15.80	-0.6	FBA	85.88	11	eP	21 05.52	-1.4
	0.4s	2.90nm							eS	16 48.80			0.7s	27.95nm		5.2mb	
WRA	134.72	212	PKP	20 44.80	0.4	WLZ	20.73	200	eP	13 19.60	2.2			eP	22 09.85	268km	
	0.7s	1.50nm				NDZ	20.74	194	eP	13 18.90	1.4	BJI	86.18	314	eP	21 09.50	0.6
GBA	147.77	95	PKP	21 25.80	18.3X	MOZ	21.57	201	P	13 28.10	2.6		2.0s	99.00nm		5.3mb	
HYB	149.56	88	ePKP	21 20.00	9.7X	PGZ	23.07	196	eP	13 38.80	-1.1	GYA	87.74	299	P	21 18.00	1.1
	S.D. = 1.3	on 17 of 21 obs.							0.5s	48.00nm	5.3mb		1.0s	23.00nm		5.0mb	
						MNG	23.29	197	eP	13 39.50	-2.5	TIY	87.75	311	Pd	21 18.20	1.6
	DEC 19, 1992	22h 22m	16.64± 0.87s				0.5s	38.00nm		5.2mb		XAN	88.84	306	Pd	21 23.00	1.2
	39.171 N ± 7.4km	22.045 E ± 6.3km				QRZ	24.43	202	eP	13 53.20	0.6		1.4s	35.00nm		5.1mb	
	DEPTH = 10.0km (geophysicist)					THZ	25.13	201	eP	13 59.80	0.7	HHC	89.69	314	Pc	21 27.20	1.5
	GREECE		(364)			DSZ	25.50	202	eP	14 02.00	-0.4		1.2s	53.00nm		5.3mb	
							0.4s	45.00nm		5.4mb		KMI	90.57	296	Pd	21 32.50	2.3
AGG	0.27	124	ePg	22 22.78	0.5	KHZ	25.52	199	eP	14 01.60	-0.9		1.8s	120.00nm		5.5mb	
			eSg	22 28.14			0.5s	62.00nm		5.4mb		BDT	91.23	288	iPd	21 34.00	1.0
LIT	0.99	20	ePg	22 35.82	0.4	SVO	25.67	288	eP	14 10.00	5.9X		0.8s	11.00nm		4.9mb	
			eSg	22 50.70		LTZ	26.26	201	eP	14 08.10	-1.1	CHG	91.79	289	iPd	21 37.20	1.6
IGT	1.38	286	ePb	22 41.18	-0.7		0.5s	62.00nm		5.4mb			0.9s	24.37nm		5.2mb	
			eSb	22 59.58		LMZ	28.15	204	eP	14 24.30	-1.8	YKA	93.81	24	eP	21 42.80	-1.2
PAIG	1.47	59	ePb	22 42.26	-0.9	ARMA	32.01	242	iPc	15 00.50	0.3		0.8s	2.10nm		4.3mb	
			iSb	23 02.70			0.4s	17.00nm		5.0mb		DMU	143.66	11	ePKP	28 00.50	-0.4
THE	1.62	26	ePb	22 45.58	0.3	RMQ	33.82	250	iPd	15 16.00	0.3	DCN	144.12	12	ePKP	27 59.40	-2.2
FNA	1.69	343	ePb	22 45.78	-0.6		0.7s	82.00nm		5.4mb		DLF	144.31	11	ePKP	28 00.20	-1.7
			eSb	23 08.42		CNB	35.23	235	iPd	15 27.80	0.3	WIT	145.78	358	ePKP	28 06.50	2.1
GRG	1.80	9	ePb	22 48.06	0.0		0.4s	16.00nm		4.9mb				e	28 23.00		
			eSb	23 11.42		CAN	35.51	235	eP	15 29.10	-0.8	OJC	146.13	342	ePKP	28 05.50	0.4
OUR	1.89	51	ePb	22 49.30	0.1	BWA	35.69	236	eP	15 28.80	-2.6			i	28 06.60		
			eSb	23 13.70		CMS	37.10	242	eP	15 43.00	-0.2	KSP	146.45	346	ePKP	28 06.00	0.4
SOH	1.93	31	ePn	22 50.06	0.2		1.0s	31.00nm		4.8mb			0.9s	44.00nm			
			eSn	23 15.50		TOO	38.91	233	iPd	15 57.80	-0.3			id	28 07.60		
KNT	2.09	18	ePn	22 52.42	0.2		0.5s	27.00nm		5.0mb		WTS	146.60	357	ePKP	28 08.00	2.2
			eSn	23 20.06		MDG	39.99	284	eP	16 07.50	0.4		0.9s	23.00nm			
OHR	2.16	334	ePn	22 55.00	1.8	STKA	40.72	243	iPd	16 13.20	0.2			e	28 24.00		
SRS	2.28	31	ePn	22 54.14	-0.7				eS	22 01.00		CLL	146.64	350	iPKPd	28 08.00	2.1
			eSn	23 23.46		WB2	47.18	260	iPc	17 03.20	-1.4		1.1s	50.00nm			
SKO	2.84	351	ePn	23 02.30	-0.5		0.6s	78.10nm		5.2mb				i	28 23.40		
	S.D. = 0.8	on 13 of 13 obs.				WRA	47.20	260	P	17 03.50	-1.2	BRG	146.90	349	ePKP	28 06.40	0.1
							0.8s	8.00nm		4.1mb	X		1.2s	32.00nm			
* DEC 19, 1992	22h 43m	57.42± 0.88s				ASPA	47.25	255	iPd	17 04.60	-0.5			i	28 08.60		
	7.541 S ± 14.2km	127.504 E ± 25.9km					0.8s	394.20nm		5.8mb		SPC	146.91	341	ePKP	28 09.70	3.0X
	DEPTH = 33.0km (normol)							iS	23 35.90			MOX	147.49	352	ePKP	28 10.20	2.9X
	BANDA SEA		(280)			MTN	51.51	268	iPd	17 36.00	-1.6		1.4s	23.00nm			
							0.9s	343.00nm		5.8mb				e	28 22.00		
MTN	6.37	146	iPc	45 31.50	0.1	FORT	52.20	245	eP	17 41.00	-1.4	PRU	147.63	348	PKPd	28 10.80	3.3X
			eS	46 36.00			0.6s	48.00nm		5.1mb			1.0s	12.90nm			
KNA	8																

20d 00h

SRO 148.72 342 iPKP 28 14.10 4.8X
 VKA 148.85 345 iPKPd 28 14.20 4.7X
 GEC2 148.89 348 PKP 28 09.50 -0.2
 1.0s 0.79nm
 ADI 148.91 304 ePKP 28 14.60 4.5X
 WLF 148.95 358 PKP 28 15.00 5.4X
 e 28 31.00
 YTIR 149.54 301 iPKPd 28 16.70 5.5X
 FLN 149.62 6 iPKPd 28 15.40 4.7X
 1.0s 27.80nm
 CSS 149.64 308 ePKP 28 17.40 6.2X
 LDF 149.82 6 iPKPd 28 15.70 4.7X
 0.7s 10.15nm
 GRR 149.95 7 iPKPd 28 16.20 5.0X
 0.7s 17.00nm
 FUR 149.96 351 iPKPd 28 16.90 5.6X
 0.8s 51.00nm
 BHG 150.12 349 iPKPc 28 17.10 5.6X
 CDF 150.15 356 iPKPd 28 17.10 5.5X
 0.9s 25.20nm
 MBH 150.18 298 iPKPd 28 18.10 5.9X
 LPF 150.28 7 iPKPd 28 17.10 5.4X
 0.8s 29.55nm
 HAU 150.60 357 iPKPd 28 18.00 5.8X
 0.8s 21.75nm
 KBA 150.65 348 iPKPc 28 17.70 5.2X
 0.7s 12.10nm
 BSF 150.75 357 iPKPd 28 18.20 5.6X
 0.7s 12.35nm
 WTTA 150.78 350 iPKPd 28 18.50 5.8X
 0.6s 33.60nm
 SOTA 150.90 351 iPKPd 28 18.70 5.9X
 0.7s 14.50nm
 PTJ 151.13 343 ePKP 28 19.10 5.9X
 RBL 151.21 347 PKP 28 18.40 5.2X
 FVI 151.22 348 PKP 28 18.80 5.7X
 LOR 151.38 1 iPKPd 28 19.80 6.4X
 0.9s 19.50nm
 SSF 151.58 1 iPKPd 28 20.40 6.7X
 0.9s 22.75nm
 LBF 151.66 1 iPKPd 28 20.40 6.5X
 0.8s 18.00nm
 MFF 151.79 7 iPKPd 28 20.40 6.4X
 0.7s 10.45nm
 AVF 151.84 2 iPKPd 28 20.60 6.6X
 0.9s 9.50nm
 BGF 152.06 2 iPKPd 28 21.30 6.9X
 0.8s 21.20nm
 LSF 152.29 4 iPKPd 28 21.50 6.8X
 0.9s 28.15nm
 TCF 152.30 3 iPKPd 28 21.70 6.9X
 0.7s 9.70nm
 MAF 152.38 3 iPKPd 28 22.20 7.3X
 1.1s 30.05nm
 SKO 152.55 332 iPKP 28 22.00 6.8X
 i 28 34.50
 LPL 153.07 356 iPKPd 28 25.30 9.2X
 0.6s 3.25nm
 LPG 153.08 356 iPKPd 28 24.60 8.3X
 1.1s 9.50nm
 OHR 153.53 332 ePKP 28 24.00 7.3X
 BCAA 160.34 226 iPKPc 28 25.90 0.1
 0.8s 25.00nm
 ic 29 08.50

S.D. = 1.3 on 78 of 126 obs.

% DEC 20, 1992 01h 52m 11.39± 0.88s
 37.135 N ± 10.1km 2.658 W ± 6.8km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 mbLg 2.4 (MDD).

ENIJ 0.40 114 iPg 52 19.40 -0.1
 eSg 52 24.60
 EHUE 0.68 4 ePg 52 25.00 0.1
 ECOG 0.74 281 iPg 52 24.90 -1.1
 eSg 52 35.50
 EGUA 0.79 248 iPg 52 27.00 0.3
 eSg 52 36.90
 ELUQ 1.35 289 ePn 52 37.10 0.8
 eSn 52 56.50

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

DEC 20, 1992 02h 49m 58.19± 0.22s
 50.531 N ± 5.7km 155.511 E ± 3.7km
 DEPTH = 137.0km (3 depth phases)
 4.5mb (30 obs.)

KURIL ISLANDS (221)

SKR 0.40 70 iPnd 50 17.00 -0.8
 iS 50 28.50
 PET 3.16 37 iPnc 50 48.00 0.3
 eS 51 25.00
 KUR 7.38 227 ePn 51 40.50 -4.0X
 YSS 9.15 252 ePn 52 12.00 3.8X
 MGD 9.96 346 ePn 52 18.00 -0.9
 KUSJ 10.48 229 eP 52 22.90 -2.9
 eS 54 12.20
 HOOJ 11.71 231 eP 52 39.50 -2.4
 eS 54 42.70
 YAK 18.22 319 iPc 54 02.50 -0.5
 1.4s 205.00nm 5.2mb
 MDJ 18.41 261 eP 54 04.20 -1.0
 0.7s 15.00nm 4.4mb
 MAT 18.72 228 eP 54 08.00 -0.6
 0.5s 10.56nm 4.4mb
 CN2 21.42 263 eP 54 36.30 0.3
 1.0s 8.10nm 4.1mb
 TIK 24.36 340 iPc 55 04.00 -0.2
 1.0s 19.00nm 4.6mb
 BOD 24.93 303 eP 55 10.30 0.6
 0.6s 8.00nm 4.4mb
 IMA 29.84 39 eP 55 52.63 -1.5
 0.6s 3.63nm 4.3mb
 BGL 30.29 49 eP 55 57.52 -0.6
 CP2 30.36 49 eP 55 58.49 -0.4
 CRP 30.41 49 eP 55 58.34 -0.8
 SLKM 31.41 50 eP 56 05.97 -1.9
 FBA 32.24 42 eP 56 14.00 -0.9
 0.7s 12.51nm 4.8mb
 ZAK 32.68 290 eP 56 20.00 1.2
 1.0s 10.00nm 4.5mb
 KLU 33.37 48 eP 56 23.85 -1.0
 NR1 36.22 326 eP 56 47.00 -1.7
 1.0s 10.00nm 4.6mb
 e 57 19.00 143km
 e 58 17.00
 LZH 39.46 269 eP 57 17.00 0.6
 1.4s 24.00nm 4.8mb
 ELT 41.30 302 eP 57 31.30 0.3
 1.6s 21.00nm 4.6mb
 NVS 42.24 305 eP 57 38.80 0.1
 WMO 45.12 289 eP 58 03.30 1.1
 OPA 46.24 111 eP 58 16.38 5.3X
 YKA 46.97 39 eP 58 15.80 -0.6
 0.6s 4.60nm 4.3mb
 RMW 51.64 59 eP 58 52.49 0.0
 NEW 53.68 56 eP 59 06.69 -0.8
 0.7s 13.20nm 4.9mb
 CHG 54.56 256 eP 59 15.30 1.1
 1.0s 11.75nm 4.7mb
 GUN 56.29 274 P 59 26.80 -0.2
 ORV 56.73 67 eP 59 30.00 0.4
 KKN 56.75 274 P 59 30.40 0.3
 PKI 56.82 274 P 59 30.40 -0.3
 DMN 56.99 274 P 59 31.60 -0.2
 GKN 57.01 275 P 59 32.20 0.4
 BGMT 58.30 56 iPc 59 40.80 0.1
 MPM 59.47 67 eP 59 49.40 0.4
 MEMM 59.49 67 eP 59 49.67 1.0
 BONR 59.66 66 eP 59 50.71 0.4
 PTI 59.70 58 eP 59 51.35 1.0
 TNP 60.21 65 iPc 59 54.13 0.2
 0.6s 6.02nm 4.7mb
 DUG 61.27 61 eP 00 00.83 -0.2
 0.8s 4.25nm 4.5mb
 BW06 61.28 57 iPc 00 01.15 0.0
 0.6s 10.17nm 5.0mb
 eP 00 33.24 133km
 TPNV 61.54 66 (P) 00 03.37 0.5
 DAU 61.99 60 eP 00 06.80 0.8
 (pP) 00 39.20 135km
 ARUT 62.58 63 eP 00 10.07 0.3
 EMUT 62.65 60 eP 00 10.48 0.2
 ULM 62.65 43 eP 00 11.50 1.7
 MSU 62.79 62 ePc 00 11.73 0.5
 PEC 63.12 69 eP 00 13.69 0.5
 RSSD 63.21 53 iPd 00 13.53 -0.3
 0.8s 22.08nm 5.1mb
 SRU 63.30 60 iPc 00 14.60 0.1
 PV09 64.50 60 ePc 00 22.31 -0.1
 PV10 64.64 60 ePc 00 23.73 0.5

PV08 64.71 60 ePc 00 23.81 0.0
 GBA 72.05 270 P 01 09.40 0.4
 WB2 72.61 201 iPc 01 12.40 0.3
 0.6s 4.60nm 4.4mb
 e 01 29.50 62kmX
 e 01 42.80
 WRA 72.61 201 P 01 12.80 0.7
 0.8s 1.00nm 3.6mb
 LNO 73.53 53 eP 01 16.70 -0.5
 LNO2 73.53 53 ePc 01 16.90 -0.4
 LNO3 73.53 53 e(P) 01 16.90 -0.5
 TUL 73.53 53 ePc 01 16.90 -0.5
 0.2s 1.30nm 4.3mb
 RLO 73.73 53 e(P) 01 17.60 -0.9
 FVM 74.56 48 ePc 01 22.77 -0.5
 0.4s 19.70nm 5.2mb
 ELC 75.69 48 iPc 01 29.57 -0.1
 GEC2 75.72 335 P 01 28.70 -1.1
 0.8s 0.52nm 3.3mb X
 e 01 34.90 20kmX
 e 01 39.20
 OLY 76.03 51 eP 01 31.21 -0.4
 ASPA 76.31 200 iPc 01 34.50 1.3
 0.4s 4.60nm 4.6mb
 SSF 79.83 341 eP 01 52.90 0.7
 0.9s 4.10nm 4.2mb
 AVF 80.12 341 eP 01 55.00 1.3
 0.8s 4.45nm 4.3mb
 SMF 80.16 341 eP 01 55.20 1.2
 0.7s 3.95nm 4.3mb
 WARB 80.54 206 iPd 01 58.00 1.9
 LPL 80.58 338 eP 01 57.70 1.2
 0.5s 1.60nm 4.0mb
 LPG 80.59 338 eP 01 57.20 0.5
 0.6s 1.80nm 4.0mb
 MAF 80.83 341 eP 01 58.70 1.2
 0.7s 2.10nm 4.0mb
 S.D. = 0.9 on 74 of 77 obs.

DEC 20, 1992 03h 49m 07.25± 0.57s
 38.188 N ± 6.1km 20.396 E ± 3.3km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.7 (ATH). ML 3.6 (TIR).

VLS 0.15 94 ePg 49 12.20 1.4
 IGT 1.34 358 ePb 49 32.32 0.3
 eSb 49 49.41
 KEK 1.59 343 ePb 49 35.70 0.2
 SRN 1.72 350 ePn 49 39.90 2.6
 iSn 49 57.40
 AGG 1.73 61 ePb 49 38.28 0.7
 eSb 50 00.71
 KZN 2.37 26 ePb 49 50.20 3.4X
 VLO 2.38 343 ePn 49 47.50 0.6
 VLI 2.50 125 ePn 49 46.70 -1.9
 LIT 2.51 40 ePn 49 49.12 0.4
 eSn 50 20.14
 ATH 2.63 94 ePn 49 51.60 1.2
 FNA 2.70 16 ePn 49 51.54 0.0
 eSn 50 24.14
 OHR 2.94 6 iP 49 55.40 0.6
 i 50 02.70
 i 50 21.40
 i 50 29.40
 i 50 50.40
 PAIG 3.09 55 ePn 49 55.91 -1.0
 eSn 50 33.34
 THE 3.15 38 ePn 49 58.08 0.3
 GRG 3.17 29 ePn 49 58.12 0.0
 eSn 50 36.31
 TIR 3.18 353 ePn 49 57.60 -0.7
 iSn 50 35.60
 SOI 3.43 269 P 50 02.30 0.6
 SOH 3.49 40 ePn 50 02.16 -0.5
 TDS 3.49 296 P 50 04.50 1.8
 KNT 3.54 32 ePn 50 02.36 -1.0
 VAY 3.55 27 iPn 50 02.40 -1.1
 BRT 3.65 318 P 50 04.70 -0.2
 eSn 50 46.90
 SRS 3.83 39 ePn 50 06.68 -0.8
 eSn 50 51.04
 SKO 3.86 12 iPn 50 09.00 1.0
 iPg 50 18.00
 iSn 50 48.00
 Lg 51 17.50
 SDA 3.92 350 ePn 50 15.50 6.8X

MGR 4.24 299 P 50 14.60 1.3
 MEU 4.47 258 P 50 16.30 -0.4
 ALN 5.14 56 ePn 50 26.32 0.3
 HVAR 5.82 330 iPn 50 32.70 -2.9
 RFI 5.84 304 P 50 36.54 0.7
 SDI 6.16 307 P 50 40.30 -0.2
 AQU 6.77 310 P 50 49.80 0.6
 RMP 6.93 304 P 50 50.60 -0.7
 ASS 7.64 312 P 51 01.60 0.3
 ARV 7.75 316 P 51 01.10 -1.7
 RSM 8.30 316 P 51 09.30 -1.1
 PTJ 8.38 338 eP 51 06.90 -4.8X
 MLR 8.39 28 eP 51 18.00 6.2X
 CRE 8.39 313 P 51 11.40 -0.4
 RIY 8.44 330 ePn 51 09.10 -3.3X
 SFI 8.63 314 P 51 14.60 -0.4
 TRI 8.99 329 P 51 16.40 -3.6X
 BDI 9.44 312 P 51 26.30 0.0
 FVI 10.11 329 P 51 31.50 -3.8X
 BOB 10.51 312 P 51 41.20 0.1
 GEC2 11.70 338 Pn 51 52.00 -5.2X
 Sn 53 56.90

S.D. = 1.1 on 38 of 46 obs.

? DEC 20, 1992 03h 49m 46.70±0.75s
 2.554 S ± 7.5km 133.801 E ± 16.4km
 DEPTH = 33.0km (normal)
 5.1mb (5 obs.)
 IRIAN JAYA REGION, INDONESIA (196)

AAI 5.71 258 eP 51 12.00 0.6
 MTN 10.56 194 iPc 52 18.10 -0.8
 eS 54 13.00
 WB2 17.29 178 eP 53 46.90 -0.5
 iS 53 51.20
 iS 56 49.60
 ASPA 20.99 180 iPc 54 32.30 2.5
 0.8s 192.80nm 5.5mb
 eS 58 20.30
 BAG 22.93 326 eP 54 50.90 1.6
 WARB 24.48 196 eP 55 08.00 3.8X
 STKA 30.08 167 eP 55 54.50 -0.8
 iS 55 58.30
 eS 00 43.00
 ARMA 32.45 150 eP 56 20.50 4.2X
 0.6s 5.00nm 4.6mb
 XAN 43.29 329 eP 57 47.00 -0.1
 TIY 44.69 336 eP 58 02.20 3.7X
 Z 16s 0.48um 4.5mszX
 BJI 45.36 341 eP 58 04.00 0.3
 1.5s 57.00nm 5.3mb
 LZH 47.53 327 eP 58 21.00 -0.2
 1.2s 21.00nm 5.0mb
 HHC 47.73 337 eP 58 23.40 0.9
 GTA 52.14 327 eP 58 55.00 -1.4
 GUN 55.12 307 P 59 18.40 -0.4
 KKN 55.55 306 P 59 21.00 -0.8
 GKN 56.15 306 P 59 25.00 -1.0
 WMO 61.91 324 P 00 05.90 0.3
 0.6s 6.90nm 5.0mb
 LPB 151.23 132 PKP 09 45.00 11.4X
 ZOBO 151.36 132 PKP 09 40.00 5.9X
 S.D. = 1.1 on 15 of 20 obs.

DEC 20, 1992 03h 58m 04.11±0.24s
 8.126 S ± 4.9km 122.408 E ± 6.2km
 DEPTH = 22.8km (6 depth phases)
 5.2mb (40 obs.)
 FLORES REGION, INDONESIA (286)

KUPT 2.33 150 eP 58 44.50 2.7
 MKS 4.11 315 iPc 59 08.70 1.7
 iS 00 11.50
 KHKI 6.73 268 ePd 59 44.00 -0.2
 eS 59 57.20
 PCI 7.62 340 ePc 00 02.50 6.0X
 e 01 08.40
 TRT 9.69 272 ePd 00 27.10 1.8
 MTN 9.77 119 iPd 00 25.90 -0.6
 eS 02 10.00
 KNA 9.80 141 eP 00 23.50 -3.3X
 eS 02 11.00
 MBL 13.19 191 iPd 00 56.10 -16.7X
 eS 02 15.00
 NANU 15.80 204 iPd 01 42.50 -4.4X
 0.5s 17.00nm 4.5mb

WRA 16.48 137 P eS 04 26.00
 WB2 16.49 137 eP 01 51.79 -3.8X
 i 01 49.60 -6.1X
 eS 01 54.20
 ASPA 18.98 146 iPc 04 33.90
 1.2s 41.20nm 4.5mb
 Z 18s 1.00um 6.6mszX
 eS 05 46.20
 QIS 20.72 128 iPd 02 45.30 -0.4
 0.4s 6.00nm 4.3mb
 PGP 21.54 356 ePc 02 56.50 2.5
 KGM 21.54 297 eP 02 56.00 2.0
 COOL 22.67 183 eP 03 03.50 -1.7
 BAL 22.99 193 eP 03 08.00 -0.4
 MUN 24.42 193 eP 03 22.50 0.3
 PMG 24.49 95 eP 03 23.50 0.5
 1.0s 40.00nm 5.0mb
 IPM 24.78 300 ePd 03 25.90 0.0
 1.0s 37.40nm 5.0mb
 RKG 26.78 190 eP 03 44.00 -0.3
 STKA 29.62 146 iPc 04 09.30 -0.7
 eS 09 32.60
 RMO 30.97 129 iPd 04 23.10 1.1
 0.7s 20.00nm 5.1mb
 e 05 26.20 330kmX
 CMS 31.88 140 iPd 04 30.00 0.0
 0.6s 5.00nm 4.6mb
 QZH 33.08 354 eP 04 41.00 0.6
 BDT 34.22 318 iPc 04 50.50 0.1
 0.8s 57.10nm 5.6mb
 ARMA 35.20 133 eP 05 00.00 1.1
 CHG 35.38 319 ePc 05 01.20 0.8
 1.0s 24.00nm 5.1mb
 BWA 35.45 141 eP 05 03.10 2.2
 ePcP 07 30.60
 TOO 36.00 148 iPd 05 08.00 2.5
 1.0s 45.00nm 5.3mb
 CNB 36.62 142 eP 05 11.00 0.2
 GYA 37.62 337 P 05 20.00 0.7
 0.8s 13.00nm 4.8mb
 KMI 38.20 330 eP 05 26.00 1.7
 1.5s 40.00nm 5.0mb
 pP 05 35.50 32km
 SSE 39.01 358 P 05 32.50 1.8
 1.5s 32.00nm 4.8mb
 WHN 39.22 349 P 05 34.50 2.0
 1.0s 18.00nm 4.7mb
 pP 05 45.00 37km
 NJ2 40.09 355 P 05 41.60 1.9
 0.7s 21.00nm 5.0mb
 sP 05 52.00
 CD2 42.73 336 iPc 06 01.80 0.3
 XAN 43.84 344 P 06 10.30 -0.1
 1.0s 16.00nm 4.8mb
 pP 06 15.50 17km
 sP 06 19.20
 TIA 44.38 354 eP 06 14.80 0.1
 TIY 46.54 349 P 06 32.00 0.1
 MAT 46.84 17 iPc 06 33.90 -0.4
 1.3s 32.69nm 5.2mb
 LZH 47.32 339 eP 06 38.50 0.3
 1.2s 25.00nm 5.1mb
 LSA 48.15 323 iPc 06 46.00 0.8
 0.9s 71.00nm 5.7mb
 BJI 48.27 354 eP 06 45.00 -0.3
 1.0s 26.00nm 5.2mb
 Pcp 08 12.00
 GBA 49.59 296 P 06 52.80 -3.1X
 HHC 49.75 349 P 06 56.60 -0.3
 0.8s 12.00nm 5.0mb
 GUN 50.30 317 P 07 00.64 -1.0
 0.8s 138.00nm 6.0mb
 PKI 50.41 316 P 07 00.94 -1.5
 0.6s 77.00nm 5.9mb
 KKN 50.64 316 P 07 02.59 -1.4
 0.8s 108.00nm 5.8mb
 DMN 50.64 316 P 07 02.74 -1.4
 0.9s 154.00nm 6.0mb
 GKN 51.21 316 P 07 06.90 -1.4
 0.8s 133.00nm 5.9mb
 GTA 51.73 338 eP 07 12.50 0.4
 1.5s 14.00nm 4.7mb
 MDJ 52.90 6 eP 07 19.50 -1.0
 1.0s 18.00nm 5.0mb
 ORZ 55.03 135 eP 07 37.20 0.8
 THZ 55.64 136 P 07 41.30 0.5

MNG 57.05 134 eP 07 50.10 -0.8
 PGZ 57.62 133 eP 07 55.30 0.4
 YSS 57.79 16 eP 07 56.00 0.1
 1.0s 30.00nm 5.3mb
 CIT 60.36 354 eP 08 13.50 -0.2
 WMO 60.51 332 iPc 08 14.70 -0.2
 1.0s 91.00nm 5.9mb
 pP 08 19.50 16km
 ZAK 60.59 346 iPc 08 14.50 -0.7
 1.0s 19.00nm 5.2mb
 KSH 63.93 321 eP 08 37.50 -0.4
 1.0s 70.00nm 5.8mb
 BOD 66.09 355 iPc 08 51.00 -0.3
 1.0s 38.00nm 5.5mb
 ELT 68.39 338 iPc 09 05.40 -0.5
 1.1s 70.00nm 5.7mb
 YAK 70.16 4 iPd 09 16.20 -0.4
 1.0s 101.00nm 5.9mb
 MGD 71.65 15 ePc+ 09 26.00 0.3
 0.8s 80.00nm 5.8mb
 e 09 31.00 16km
 e 09 41.00
 BRVK 75.23 330 iPc 09 45.00 -1.7
 1.0s 14.00nm 4.9mb
 TIK 79.71 2 iPc 10 11.00 -0.1
 1.0s 90.00nm 5.7mb
 i 10 17.00 19km
 e 15 08.00
 NRI 80.90 348 iPc 10 16.50 -1.0
 1.4s 22.00nm 5.0mb
 e 10 31.00 50kmX
 SPA 81.92 180 iPc 10 22.90 -0.3
 0.8s 16.67nm 5.1mb
 BUL 90.77 250 iPc 11 07.30 -0.2
 YKA 112.00 25 ePKP 16 36.70 -2.1
 0.5s 0.40nm
 PV10 124.88 49 ePKP 17 04.90 0.3
 RSSD 126.07 40 ePKP 17 05.49 -1.3
 TBR 143.95 22 ePKP 17 37.18 -2.5
 NAV 144.12 32 ePKP 17 37.17 -3.0X
 CVL 144.80 29 ePKP 17 38.81 -2.4
 iPKPbc 17 39.66
 PRM 145.53 38 ePKP 17 40.87 -1.8
 iPKPbc 17 42.71
 CEH 146.10 32 ePKP 17 42.14 -1.4
 LHS 146.18 36 ePKP 17 42.49 -1.2
 YJA 148.91 166 ePKPd 17 50.20 1.2
 CCH 153.28 162 PKP 18 03.50 8.1X
 LPB 153.39 157 PKP 17 56.00 0.3
 ZOBO 153.60 157 PKP 17 55.50 -0.7
 i 18 17.80
 SIV 155.79 172 (PKP) 18 03.00 4.5X
 S.D. = 1.2 on 75 of 85 obs.

? DEC 20, 1992 05h 15m 52.85±1.45s
 15.281 S ± 21.5km 165.667 E ± 16.5km
 DEPTH = 33.0km (normal)
 4.5mb (3 obs.)
 VANUATU ISLANDS (186)

BKM 3.43 134 iPc 16 44.00 -1.3
 iS 17 23.00
 DZM 6.79 174 iPc 17 34.20 1.3
 iS 18 56.80
 RMO 19.31 232 iPc 20 24.50 6.2X
 0.7s 20.00nm 4.5mb
 STKA 27.46 229 eP 21 40.70 2.7X
 WB2 30.18 257 eP 22 01.20 -1.3
 0.6s 2.90nm 4.3mb
 WRA 30.19 257 P 22 02.80 0.2
 0.9s 0.20nm 2.9mb X
 ASPA 31.03 249 eP 22 09.90 -0.1
 0.6s 5.70nm 4.5mb
 DAG 118.46 1 ePKP 34 39.20 1.3
 S.D. = 1.5 on 6 of 8 obs.

DEC 20, 1992 05h 19m 10.49±0.22s
 47.908 N ± 4.6km 154.613 E ± 3.6km
 DEPTH = 33.3km (6 depth phases)
 5.2mb (78 obs.)
 KURIL ISLANDS (221)

SKR 2.93 19 ePn 19 53.70 -2.0
 iS 20 25.80
 KUR 5.37 243 iPnd 20 33.00 2.8
 Z 14s 2.70um
 E 14s 5.40um

20d 05h

PET	5.73	25	iS ePn	21 36.50 20 33.00	-2.3	GKN	56.68	276	P	28 52.92	-0.3	KAS	76.85	318	eP	31 02.00	1.4
Z	22s		1.80um			LRM	59.69	54	eP	29 13.40	-0.7	HOF	77.03	337	eP	31 01.20	-0.2
YSS	8.11	268	iPnc	21 11.40	2.6	FCC	59.73	34	eP	29 16.00	2.2	DMU	77.37	349	eP	31 03.80	0.7
Z	16s		0.70um			BONR	61.30	64	P	29 25.10	-0.1	SRO	77.37	331	e(P)	31 02.50	-0.7
E	16s		0.50um			PTI	61.61	57	P	29 27.80	0.7	ZST	77.42	332	iP	31 03.80	0.3
KUSJ	8.45	239	eP	22 45.20 21 11.60	-1.9	HVU	62.09	58	P	29 30.20	-0.1	KHC	77.63	335	iPc	31 05.00	0.3
ASAJ	9.15	250	eP	21 26.80	3.7X	KAF	62.82	335	iP	29 32.50	-2.1		1.0s	26.80nm		5.2mb	
HOOJ	9.72	240	eP	21 29.90 23 16.30	-1.0	DUG	63.10	59	P	29 36.70	-0.3	GRF	77.77	337	iPc	31 06.00	0.6
MGD	12.42	351	ePn	22 07.00	-0.5	BW06	63.24	55	P	29 37.50	-0.5		1.2s	68.00nm		5.6mb	
Z	15s		1.50um			DAU	63.85	58	P	29 42.20	0.1	WET	77.81	335	iPc	31 06.00	0.3
N	15s		1.30um			GSC	63.95	66	P	29 41.90	-0.6		1.1s	67.00nm		5.6mb	
SEY	15.08	356	eP	22 46.00	3.5X	ARUT	64.32	61	P	29 44.50	-0.6	GEC2	77.85	335	e(P)	31 05.70	-0.3
NIIJ	15.65	233	P	22 48.30	-1.7	MSU	64.58	60	P	29 46.90	0.1		0.9s	12.30nm		4.9mb	
KAKJ	15.83	228	P	22 51.30	-1.1	NUR	64.59	335	iP	29 43.90	-2.3	ELC	77.90	47	P	31 06.10	-0.2
CHJJ	16.55	230	P	23 00.90	-0.7	PEC	64.66	67	P	29 45.90	-1.3	DLF	77.91	349	eP	31 06.90	0.8
MAT	16.59	233	eP	23 00.00	-2.1		1.1s	9.42nm		4.8mb		DCN	77.96	349	eP	31 07.10	0.8
MTMJ	16.78	234	P	23 04.20	-0.3	ULM	64.98	42	eP	29 51.00	2.1	SOP	78.04	333	eP	31 08.70	1.8
MDJ	17.59	269	eP	23 15.60	1.2	SRU	65.14	59	P	29 50.00	-0.4	ENN	78.08	340	eP	31 07.00	-0.1
TSRJ	18.55	235	P	23 24.00	-2.3	PV09	66.35	58	P	29 57.90	-0.4		1.0s	55.00nm		5.5mb	
YAK	19.91	324	eP	23 39.20	-2.6		66.49	58	P	30 09.10	37km	OLY	78.16	50	P	31 06.60	-1.2
Z	0.7s	161.00nm		5.5mb		PV10	66.58	58	P	29 59.10	0.0	SNF	78.69	341	P	31 10.40	0.0
N	12s	0.40um		4.1Msz		PV08	66.67	66	P	29 59.70	-0.3	DOU	79.01	341	P	31 12.20	0.0
E	13s	0.30um				GLA	67.69	55	P	30 07.10	0.5	BHG	79.10	335	eP	31 13.80	1.0
CN2	20.66	269	P	23 47.40	-2.4		1.2s	16.83nm		5.0mb		FUR	79.15	336	eP	31 13.50	0.5
Z	0.8s	21.00nm		4.6mb		HFS	67.72	340	eP	30 04.60	-1.6		1.1s	65.00nm		5.5mb	
SNY	22.72	266	Pc	24 10.50	0.1	NAO	67.73	342	P	30 04.80	-1.5	PTJ	79.82	332	iP	31 16.20	-0.5
BOD	25.97	308	eP	24 39.90	-1.5	HYB	67.99	272	eP	30 08.40	-0.1	WITA	79.87	335	iPc	31 17.60	0.4
CIT	26.45	294	eP	24 45.80	-0.1	WB2	69.94	200	eP	30 21.20	0.9		1.1s	61.20nm		5.5mb	
TIK	26.65	342	iPd	24 47.00	-0.5	WRA	69.95	200	P	30 21.80	1.5	CDF	79.96	339	eP	31 17.40	-0.1
Z	1.0s	10.00nm		4.4mb			0.6s	4.60nm		4.7mb		SQTA	80.03	336	iPc	31 18.40	0.5
HHC	31.24	273	eP	25 02.00	63kmX	POO	70.35	276	iPc	30 31.50	8.5X		1.2s	61.20nm		5.5mb	
Z	1.2s	24.00nm		4.9mb		ALQ	70.37	60	P	30 23.10	0.0	RBL	80.06	334	Pc	31 17.10	-0.9
ZAK	33.13	294	eP	25 45.00	-0.3		1.0s	11.95nm		4.9mb		FVI	80.16	334	P	31 18.90	0.5
Z	1.0s	10.00nm		4.7mb		GBA	71.45	270	P	30 30.00	0.4	SLE	80.26	338	ePd	31 19.20	0.2
XAN	36.63	265	P	26 15.00	-0.5	ASPA	73.64	200	eP	30 51.60	9.3X	LMN	80.45	27	eP	31 22.50	2.5
LZH	38.87	271	eP	26 35.00	0.5	EDU	74.25	347	eP	30 45.50	0.0	ZLA	80.54	338	ePd	31 21.20	0.6
Z	1.2s	63.00nm		5.3mb		ELO	74.43	348	eP	30 45.50	-1.0	HAU	80.57	339	eP	31 20.50	-0.1
GTA	39.80	279	P	26 47.50	46kmX	EBH	74.61	348	eP	30 47.80	0.2		1.3s	34.30nm		5.2mb	
CD2	41.99	265	iPd	27 00.80	0.7	EAB	74.79	348	eP	30 47.80	-0.8	Z	24s	0.10um		4.1MszX	
ELT	42.22	304	eP	27 01.00	-0.5	OJC	74.79	332	eP	30 47.80	-0.9	BSF	80.62	339	eP	31 20.60	-0.4
GYA	42.96	258	P	27 08.40	0.3	ESY	74.80	347	eP	30 47.50	-1.2		1.3s	33.20nm		5.2mb	
NVS	43.30	307	iP	27 09.00	-1.3	EEO	74.83	35	eP	30 51.00	2.0	OSS	80.81	336	ePd	31 22.90	0.7
WMQ	45.46	291	eP	27 27.20	-0.8	MEO	74.93	55	iPd	30 49.90	0.1	LLS	80.95	337	ePd	31 23.60	0.7
KMI	46.45	260	Pd	27 37.00	0.8	EAU	75.00	347	eP	30 49.20	-0.6	VDL	81.18	336	ePd	31 25.10	1.0
YKA	49.39	38	eP	27 46.50	32km		1.0s	38.00nm		5.3mb		FLN	81.32	344	eP	31 24.50	0.0
RES	49.41	19	eP	27 59.00	0.6	EBL	75.00	347	eP	30 48.40	-1.4		1.3s	45.15nm		5.3mb	
BRVK	50.95	309	iPd	28 08.50	-1.9	KSP	75.31	334	iPc	30 51.00	-0.7	Z	18s	0.17um		4.5Msz	
Z	0.6s	24.00nm		5.3mb			1.0s	41.00nm		5.4mb		SKO	81.39	327	iPd	31 25.50	0.5
N	16s	0.15um		4.6Msz		SPC	75.54	331	eP	30 54.10	0.9		1.3s	47.00nm		5.3mb	
E	16s	0.25um				LNO	75.59	52	ePc	30 52.90	-0.5	LDF	81.41	343	eP	31 24.90	-0.1
LSA	51.23	273	iPd	28 15.00	1.6	LNO2	75.59	52	ePc	30 52.90	-0.6		1.3s	26.00nm		5.1mb	
CHG	53.38	257	ePc	28 29.70	0.7	LNO3	75.59	52	eP	30 53.10	-0.4	VAY	81.53	326	iP	31 26.00	0.3
KKN	56.39	276	P	28 50.84	-0.3	TUL	75.59	52	eP	30 53.10	-0.4	TMA	81.69	337	ePd	31 27.10	0.4
KKN	56.39	276	P	28 51.20	0.0	RLO	75.81	51	ePc	30 54.10	-0.7	GRR	81.75	344	eP	31 27.00	0.2
PKI	56.45	275	P	28 51.52	-0.2	CLL	75.82	336	iPc	30 53.80	-0.7	LOR	81.75	344	eP	31 27.00	0.2
PKI	56.45	275	P	28 52.00	0.3		1.2s	77.00nm		5.6mb			1.0s	38.40nm		5.4mb	
DMN	56.63	276	P	28 52.66	-0.2	BRG	75.96	336	iP	30 55.20	-0.1		1.1s	28.35nm		5.2mb	
DMN	56.63	276	P	28 53.00	0.1		1.0s	20.00nm		5.1mb		Z	21s	0.20um		4.5Msz	
GKN	56.68	276	P	28 52.80	-0.4	WIT	76.01	341	eP	30 57.00	1.5	VAI	81.94	337	P	31 27.80	0.1
						PRU	76.58	335	P	30 58.50	-0.4	LBF	82.08	340	eP	31 28.60	0.0
						MLR	76.69	326	ePd	31 00.00	0.3		1.2s	16.35nm		4.9mb	
						WTS	76.74	340	eP	30 59.50	-0.1	DIX	82.10	338	ePc	31 29.80	0.8
						FVM	76.76	47	P	30 59.20	-0.9	SSF	82.12	341	eP	31 29.00	0.3
						MOX	76.80	337	ePc	30 59.90	-0.2		0.9s	9.15nm		4.8mb	
							1.2s	34.00nm		5.2mb		LPF	82.13	344	eP	31 29.20	0.5
													1.3s	57.05nm		5.5mb	
												EMS	82.23	338	ePd	31 30.60	1.0
												CSS	82.24	315	eP	31 30.60	1.0
												OHR	82.38	327	eP	31 29.50	-0.7
												AVF	82.41	341	P	31 30.40	0.2
													1.1s	24.90nm		5.2mb	
												SMF	82.43	340	eP	31 30.60	0.2
													1.3s	63.20nm		5.5mb	
												RSM	82.67	333	P	31 32.70	1.1
												BGF	82.74	341	eP	31 32.20	0.2
													1.0s	14.40nm		5.0mb	
												BOB	82.77	336	P	31 33.00	0.7
												LPL	82.80	338	eP	31 33.50	0.9
													1.2s	39.55nm		5.4mb	
												LPG	82.81	338	eP	31 33.70	1.0

0.9s 30.45nm 5.4mb
SFI 82.86 334 P 31 34.30 1.7
ARV 82.91 333 P 31 33.70 0.8
MME 82.95 335 P 31 34.30 0.9
BDI 83.10 335 P 31 33.30 -0.6
MAF 83.12 341 eP 31 34.50 0.5
0.9s 24.55nm 5.3mb
TCF 83.13 341 eP 31 34.30 0.2
1.5s 45.95nm 5.4mb
LSF 83.32 342 eP 31 35.20 0.2
1.2s 26.20nm 5.2mb
MFF 83.33 343 eP 31 35.30 0.3
0.9s 10.15nm 4.9mb
PRM 83.78 44 P 31 37.90 0.4
JSC 84.14 44 P 31 38.30 -1.0
RJF 84.22 341 eP 31 40.20 0.6
1.1s 17.85nm 5.2mb
CAF 84.46 341 eP 31 41.10 0.3
1.0s 17.20nm 5.2mb
FRF 84.64 337 eP 31 43.10 1.4
1.4s 38.75nm 5.4mb
LFF 84.73 342 eP 31 42.80 0.7
0.9s 17.85nm 5.3mb
LRG 84.82 337 eP 31 42.80 0.3
1.4s 53.15nm 5.5mb
LPO 84.88 341 eP 31 44.20 1.3
0.9s 16.05nm 5.2mb
LMR 84.89 337 eP 31 43.30 0.4
1.5s 54.30nm 5.5mb
EPF 86.64 341 eP 31 52.40 0.7
0.8s 3.75nm 4.7mb
ZOBO 132.90 63 ePKP 38 28.00 3.2X
S.D. = 1.0 on 171 of 177 obs.

DEC 20, 1992 05h 20m 05.30±0.92s
42.325 N ± 5.0km 18.817 E ± 8.2km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.5 (TTG).

BDV 0.04 169 iPg 20 07.81 0.4
iSg 20 09.80
TTG 0.35 72 iPg 20 12.01 -0.4
iSg 20 17.17
ULC 0.48 138 iPg 20 14.67 -0.5
iSg 20 22.20
NKY 0.51 15 iPg 20 15.07 -0.5
iSg 20 23.50
BRY 0.61 341 iPg 20 17.37 -0.3
iSg 20 27.81
PVY 0.90 72 iPg 20 22.75 0.2
iSg 20 37.08
IVA 0.97 55 iPg 20 24.22 0.5
iSg 20 39.24
PLE 1.09 23 iPg 20 26.60 0.7
iSg 20 43.92
OHR 1.92 129 ePn 20 43.50 5.2X
S.D. = 0.6 on 8 of 9 obs.

% DEC 20, 1992 05h 29m 16.47±0.74s
32.109 S ± 7.8km 67.863 W ± 8.4km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

CFA 0.59 327 ePd 29 26.90 -1.6
S 29 38.10
RTLL 0.93 326 ePc 29 33.50 0.2
S 29 49.20
RTCB 1.01 308 ePd 29 37.70 3.2X
(S) 29 51.00
MDZ 1.14 227 i(P) 29 37.80 1.6
MRA 1.85 100 ePd 29 46.00 -0.4
S 30 09.30
RTPR 2.14 33 ePc 29 51.90 1.3
S 30 20.10
RFA 2.70 191 eP 29 57.50 -1.1
(S) 30 37.00
TCA 2.89 75 ePd 30 01.20 -0.1
S 30 35.00
CYA 4.07 27 eP 30 18.00 0.0
S.D. = 1.3 on 8 of 9 obs.

& DEC 20, 1992 05h 45m 23.20s
37.585 N 118.882 W
DEPTH = 2.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<BRK>. ML 3.0 (BRK).

MEMM 0.09 331 iPd 45 24.90 -0.2
MMPM 0.12 282 iPc 45 25.37 -0.3
MRCM 0.31 74 iPc 45 29.01 -0.4
MTUM 0.34 132 iPd 45 29.67 -0.4
BONR 0.59 51 ePc 45 34.13 -0.9
FRI 0.89 228 iPc 45 39.48 -1.4
eS 45 51.21
CMB 1.27 291 iPc 45 45.93 -1.7
iS 46 02.35
TNP 1.41 69 ePc 45 49.32 -0.7
KVN 1.59 23 eP 45 52.96 0.4
LLA 1.91 240 iPc 45 57.30 0.2
eS 46 23.21
ISA 1.95 170 iPd 45 58.54 0.9
eS 46 23.45
PRI 2.03 225 iPd 45 59.65 0.7
ARN 2.12 264 ePc 46 00.20 0.0
TPNV 2.19 106 (P) 46 00.68 -0.7
SAO 2.20 249 eP 46 01.51 0.1
MHC 2.21 265 ePc 46 01.76 0.2
eS 46 31.21
PRS 2.35 239 iPd 46 03.94 0.4
GCC 2.54 258 eP 46 06.11 -0.1
BCH 2.58 202 eP 46 06.89 0.0
GSC 2.83 143 ePn 46 10.07 -0.3
ORV 2.84 315 (Pn) 46 09.36 -1.1
ARUT 4.32 86 (Pn) 46 29.72 -1.9
22 obs. associated

% DEC 20, 1992 08h 18m 55.63±1.57s
44.566 N ± 6.6km 6.845 E ± 13.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)

ML 2.3 (GEN).
PZZ 0.19 108 P 19 00.20 0.2
S 19 03.29
RRL 0.36 353 P 19 02.88 -0.2
S 19 07.91
BHB 0.41 47 P 19 03.95 0.0
S 19 09.28
STV 0.47 133 P 19 05.42 0.2
S 19 11.30
ENR 0.53 129 P 19 06.01 -0.5
S 19 12.39
RSP 0.65 26 P 19 09.01 0.2
ROB 0.78 110 P 19 10.47 -0.5
IMI 1.00 131 P 19 15.03 0.5
S.D. = 0.4 on 8 of 8 obs.

* DEC 20, 1992 08h 32m 34.23±0.86s
27.964 S ± 7.7km 26.699 E ± 9.8km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
ML 3.2 (PRE). mblg 3.2 (BUL).

SEK 0.89 114 iPc 32 50.80 -1.1
S 32 59.90
BLF 1.23 201 iPc 32 58.60 1.0
S 33 16.20
PRY 1.24 34 iPd 32 59.00 1.1
S 33 14.50
KSR 2.10 5 eP 33 13.50 2.9X
S 33 39.90
SLR 2.63 33 iPc 33 19.00 0.8
BUL 7.98 13 iPn 34 34.30 0.5
iSn 35 57.60
iSg 36 41.50
WIN 10.21 300 e(P) 35 03.90 -0.8
KRI 11.40 14 iPn 35 19.60 -1.4
iLg 38 30.60
S.D. = 1.3 on 7 of 8 obs.

? DEC 20, 1992 08h 43m 32.33±0.84s
31.681 S ± 9.8km 67.920 W ± 9.8km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.28 285 iPc 43 39.70 -0.2
MDZ 1.43 213 eP 44 01.10 4.8X
i 44 19.50
RTPR 1.83 42 ePd 44 02.80 0.8
TCA 2.86 84 ePd 44 16.20 -0.6
RFA 3.12 188 iP 44 20.60 0.3
(S) 45 09.00
CYA 3.71 30 eP 44 28.50 -0.3
S.D. = 0.8 on 5 of 6 obs.

% DEC 20, 1992 09h 07m 13.41±1.23s
37.663 N ± 6.7km 2.329 W ± 11.2km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mblg 2.7 (MDD).

EHUE 0.26 306 iPg 07 18.00 -0.9
eSg 07 22.30
ENIJ 0.70 172 ePg 07 27.00 -0.2
eSg 07 36.00
EVIA 0.98 352 ePg 07 32.50 0.4
eSg 07 45.50
ECOG 1.06 249 ePg 07 34.30 0.9
eSg 07 48.30
EGUA 1.29 230 ePn 07 36.70 -0.6
eSn 07 55.30
ELUO 1.54 267 ePn 07 41.50 0.5
eSn 08 02.00
S.D. = 0.9 on 6 of 6 obs.

% DEC 20, 1992 09h 31m 18.43±0.84s
40.129 N ± 6.4km 23.634 E ± 8.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

PAIG 0.20 170 iPg 31 22.82 -0.1
iSg 31 26.46
OUR 0.34 52 ePg 31 25.50 0.1
eSg 31 30.48
SOH 0.72 343 ePg 31 32.76 0.1
eSg 31 42.43
SRS 0.99 358 ePg 31 37.28 0.1
eSg 31 50.96
KNT 1.17 332 iPb 31 39.42 -0.9
eSb 31 55.60
GRG 1.25 312 iPb 31 42.42 0.7
iSb 31 59.50
S.D. = 0.7 on 6 of 6 obs.

& DEC 20, 1992 09h 36m 44.80s
36.398 N 121.022 W
DEPTH = 9.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.7 (BRK), 2.7 (PAS).

LLA 0.23 16 iPd 36 49.44 -0.2
eS 36 57.80
PRS 0.29 257 iPc 36 50.78 0.0
eS 36 54.54
PRI 0.39 131 iPd 36 52.69 0.0
eS 37 03.09
SAO 0.50 317 iPc 36 53.94 -1.0
eS 37 00.88
PHAM 0.75 138 ePn 36 57.15 -2.5
PKEM 0.81 114 ePn 36 59.23 -1.4
GCC 1.01 309 iPc 37 02.87 -1.1
eS 37 18.00
ARN 1.03 337 eP 37 03.96 -0.5
FRI 1.21 60 iPc 37 05.69 -1.7
eS 37 20.75
BCH 1.43 148 ePn 37 08.65 -2.4
PCC 1.55 316 eP 37 11.17 -1.4
CMB 1.71 17 eP 37 13.85 -1.1
MEMM 2.09 52 ePn 37 21.04 0.6
S 37 47.45
MTUM 2.19 63 eP 37 21.68 -0.4
ISA 2.19 109 ePn 37 20.69 -1.3
BONR 2.67 54 ePn 37 29.46 0.4
ORV 3.17 353 ePn 37 35.11 -0.7
GSC 3.60 106 (P) 37 40.47 -1.5
18 obs. associated

* DEC 20, 1992 09h 57m 29.08±1.70s
37.228 N ± 13.9km 21.697 E ± 12.8km
DEPTH = 33.0km (normal)
SOUTHERN GREECE (368)
MD 3.4 (ATH).

VLI 1.12 117 ePn 57 49.00 0.6
VLS 1.29 318 ePn 57 50.00 -0.9
ATH 1.77 65 ePn 57 58.00 0.2
AGG 1.86 15 iP 57 59.04 -0.2
KEK 2.89 330 ePb 58 19.50 5.6X
LIT 2.93 12 eP 58 16.96 2.5
KZN 3.07 1 ePn 58 17.00 0.5
PAIG 3.11 29 eP 58 15.56 -1.4

20d 09h

FNA 3.56 356 eP 58 25.84 2.5
 OUR 3.58 29 eP 58 22.36 -1.2
 GRG 3.76 8 eP 58 26.00 -0.2
 SOH 3.81 19 iP 58 24.56 -2.4
 OHR 3.94 350 ePn 58 32.50 3.7X
 KNT 4.04 13 eP 58 29.96 -0.2
 VAY 4.14 9 ePn 58 34.00 2.4
 SRS 4.15 20 eP 58 31.28 -0.5
 SKO 4.74 358 ePn 58 39.00 -1.1
 EKA 24.74 325 P 02 48.00 -0.6

2.3s 53.10nm 4.7mb
 S.D. = 1.5 on 16 of 18 obs.

? DEC 20, 1992 09h 57m 35.79±1.05s
 15.489 N ± 7.4km 60.968 W ± 50.7km
 DEPTH = 33.0km (normol)

LEEWARD ISLANDS (92)
 ML 2.7 (FDF).

CRM 0.73 176 iPd 57 50.02 0.3
 S 58 02.60
 FDF 0.77 193 eP 57 50.43 0.2
 S 58 03.60
 DEG 0.82 354 eP 57 51.00 0.0
 S 58 03.00
 MVM 0.93 176 eP 57 52.34 -0.2
 S 58 07.00
 BIM 0.97 186 eP 57 52.84 -0.3
 S.D. = 0.4 on 5 of 5 obs.

* DEC 20, 1992 10h 37m 19.62±0.58s
 36.078 N ± 12.4km 43.896 E ± 7.7km
 DEPTH = 33.0km (normol)
 4.4mb (7 obs.)

IRAO (375)

TAB 2.78 44 eP 38 05.00 2.1
 KER 3.14 122 iPd 38 11.50 3.4
 S 38 52.00
 BHL 7.10 255 P 39 04.00 0.0
 S 41 11.00
 SHI 9.68 129 eP 39 39.00 -0.9
 AYN 9.80 225 eP 39 56.00 14.7X
 QASM 9.96 182 eP 39 40.00 -3.6X
 S 41 36.00
 HOL 10.08 230 eP 39 58.00 12.9X
 MJMA 10.26 173 eP 39 45.30 -2.4X
 S 41 33.00
 UQSK 10.34 188 eP 39 47.00 -1.8X
 S 41 45.00
 RYD 11.56 168 eP 40 03.50 -1.9X
 MAIO 12.61 84 eP 40 24.00 4.5X
 OBN 19.68 347 eP 41 45.00 -3.6X
 GEC2 25.48 309 P 42 45.40 -1.0

1.1s 2.65nm 3.7mb
 HFS 30.91 331 eP 43 32.00 -3.1X
 0.5s 1.10nm 3.9mb

GKN 35.26 91 Pc 44 12.50 -0.9
 0.6s 103.00nm 5.9mb X

DMN 35.80 92 Pc 44 17.54 -0.6
 0.8s 58.00nm 5.5mb X

KKN 35.87 91 Pc 44 17.80 -0.9
 0.7s 37.00nm 5.4mb X

PKI 36.06 92 Pc 44 19.68 -0.7
 0.8s 42.00nm 5.4mb X

GUN 36.30 91 Pc 44 21.64 -0.9
 0.9s 82.00nm 5.6mb X

BCAO 39.21 223 iPd 44 48.00 1.5
 0.7s 6.00nm 4.5mb

LZH 47.75 71 eP 45 55.00 -0.6
 1.5s 24.00nm 5.0mb

CHG 51.13 94 eP 46 19.50 -2.0
 KIC 53.37 248 Pc 46 38.10 -0.2
 0.6s 8.00nm 4.9mb

LIC 53.68 248 Pc 46 40.30 -0.2
 0.5s 4.50nm 4.7mb
 FBA 78.94 5 (P) 49 21.70 0.8
 YKA 80.25 350 eP 49 29.10 1.1
 1.1s 0.60nm 3.5mb
 S.D. = 1.5 on 17 of 26 obs.

DEC 20, 1992 11h 08m 20.25±0.47s
 40.043 N ± 8.7km 24.698 E ± 3.6km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.6 (ISK), 3.4 (ATH).

OUR 0.62 298 iPg 08 32.73 0.0
 eSg 08 41.50
 PAIG 0.79 262 iPg 08 36.01 0.4
 iSg 08 47.98
 EZN 1.27 99 iPn 08 42.10 -1.7
 eSg 08 58.00
 SOH 1.29 308 iPb 08 43.89 -0.3
 iSb 09 01.73
 ALN 1.34 50 ePb 08 43.42 -1.4
 eSb 09 01.46

SRS 1.36 322 iPb 08 44.50 -0.8
 eSb 09 03.90

THE 1.45 295 ePb 08 47.02 0.5
 eSb 09 07.18
 PRK 1.45 123 eP 08 46.80 0.3
 eS 09 06.30

LIT 1.70 273 ePb 08 49.54 -0.5
 KNT 1.77 310 ePb 08 50.82 -0.3
 eSb 09 15.86

GRG 1.98 298 iPn 08 55.02 0.9
 eSn 09 20.74
 VAY 2.06 309 iPn 09 01.00 5.7X
 AGG 2.10 242 iPn 08 55.22 -0.7

KZN 2.26 278 eP 09 05.30 7.0X
 eS 09 12.00

EDC 2.44 82 ePn 09 02.00 1.2
 BNT 2.49 82 ePn 09 03.00 1.6

FNA 2.64 287 ePn 09 04.10 0.4
 KCT 2.81 85 ePn 09 07.00 0.9
 DST 3.06 97 ePn 09 07.60 -2.0

SKO 3.13 309 ePn 09 18.00 7.5X
 OHR 3.16 291 ePn 09 11.00 0.0
 YLV 3.61 80 ePn 09 19.00 1.5
 PTT 7.00 10 eP 10 01.00 -4.2X
 S.D. = 1.1 on 19 of 23 obs.

? DEC 20, 1992 11h 14m 28.24±0.81s
 6.634 S ± 9.4km 147.228 E ± 8.6km
 DEPTH = 33.0km (normal)
 4.2mb (2 obs.)

EASTERN NEW GUINEA REG., P.N.G. (207)
 ML 4.1 (PMG).

FINC 0.62 88 eP 14 40.30 -0.3
 YYY 1.31 287 eP 14 49.80 -0.7
 MDG 1.99 314 eP 15 01.00 0.8
 PMG 2.75 181 eP 15 11.50 0.5
 eS 15 50.00

WB2 18.20 222 eP 18 39.70 -0.5
 0.2s 2.90nm 4.1mb

ASPA 21.23 216 eP 19 14.10 0.3
 0.3s 4.80nm 4.4mb
 S.D. = 0.8 on 6 of 6 obs.

DEC 20, 1992 11h 47m 24.04±1.25s
 36.443 N ± 6.4km 71.168 E ± 5.1km
 DEPTH = 46.6 ± 12.8 km
 4.6mb (22 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG. (717)

KSH 4.85 50 Pg 48 41.50 5.1X
 Sn 49 32.00

OU 7.17 211 eP 49 03.50 -5.6X
 eS 50 31.20

PRZ 8.22 41 eP 49 26.00 2.3
 0.7s 40.00nm 5.4mb
 (S) 50 55.00

NDI 9.27 145 iP 49 37.00 -1.0
 0.6s 53.33nm 5.8mb X

MAIO 9.42 273 iPd 49 39.00 -1.1
 0.8s 32.94nm 5.5mb

ASH 10.34 282 eP 49 48.00 -4.6X
 WMQ 14.62 55 eP 50 48.00 -1.6
 S 53 27.00

PKI 14.96 122 P 50 50.00 -4.4X
 BRVK 16.62 358 eP 51 13.00 -2.2
 0.8s 22.00nm 4.3mb

POO 18.00 172 eP 51 33.00 0.5
 ELT 19.85 27 eP 51 52.00 -1.7
 HYB 20.05 159 eP 51 42.70 -13.4X

GRO 20.69 297 iPc 52 04.50 2.1
 1.0s 160.00nm 5.3mb
 PYA 22.68 298 eP 52 24.00 1.6
 i 53 10.00

GTA 22.75 74 P 52 25.00 1.7
 1.0s 33.00nm 4.7mb

GBA 23.43 165 P 52 30.00 18kmX
 pP 52 31.10 1.3
 S 55 49.10

LZH 26.28 81 eP 52 57.50 0.4
 1.4s 24.00nm 4.6mb

ZAK 26.93 49 eP 53 03.00 0.4
 0.8s 10.00nm 4.5mb

OBN 30.05 319 iPc 53 31.00 0.4
 0.9s 16.00nm 4.8mb

BTO 30.51 70 eP 53 34.00 -1.0
 HHC 31.66 70 eP 53 45.20 0.1
 TIY 32.76 75 eP 53 55.00 0.3

NRI 34.29 11 eP 54 08.00 0.5
 e 54 23.00
 e 54 39.00

TIA 36.75 76 eP 54 29.90 1.1
 KAF 37.75 327 eP 54 37.10 0.3
 NUR 37.95 324 iP 54 38.90 0.4
 0.6s 11.70nm 5.0mb

GEC2 43.07 305 P 55 22.00 1.0
 0.7s 0.63nm 3.4mb X

HFS 43.19 322 eP 55 21.70 0.0
 0.5s 15.60nm 5.0mb

NAO 44.67 323 P 55 33.10 -0.6
 0.5s 5.60nm 4.6mb

CDF 47.35 306 eP 55 55.80 0.6
 BSF 47.78 305 eP 55 58.50 -0.1
 0.6s 4.70nm 4.7mb

HAU 48.04 305 eP 56 00.40 -0.1
 0.7s 4.30nm 4.6mb

SMF 50.00 304 eP 56 15.40 -0.1
 0.6s 3.95nm 4.6mb

AVF 50.29 304 eP 56 17.60 -0.1
 0.7s 4.95nm 4.6mb

BGF 50.68 304 eP 56 20.80 0.1
 0.7s 3.40nm 4.5mb

MAF 50.96 304 eP 56 23.00 0.2
 EKA 52.42 316 P 56 34.00 0.3
 0.8s 4.80nm 4.6mb

DAG 54.85 344 iPd 56 50.70 -0.6
 0.7s 13.01nm 5.1mb

BCAO 57.77 250 ePd 57 12.10 -0.8
 0.8s 4.00nm 4.6mb

IMA 72.14 18 eP 58 44.79 -0.6
 0.7s 1.02nm 3.9mb

FBA 74.49 16 eP 58 59.40 0.5
 1.0s 6.00nm 4.5mb

KIC 74.92 267 P 59 00.30 -1.9
 YKA 81.30 3 eP 59 35.20 -1.1
 0.6s 3.00nm 4.4mb

WRA 81.85 122 P 59 38.20 -1.6
 0.5s 0.20nm 3.4mb X

S.D. = 1.1 on 39 of 44 obs.

DEC 20, 1992 12h 45m 25.23±0.47s
 40.084 N ± 7.6km 24.769 E ± 3.4km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)
 MD 3.5 (ISK).

OUR 0.65 293 iPg 45 38.33 0.1
 eSg 45 49.10
 PAIG 0.85 260 ePg 45 41.46 -0.2
 eSg 45 53.94

EZN 1.22 102 iPn 45 47.80 -0.2
 eSg 46 03.00
 ALN 1.27 50 iPb 45 47.85 -0.9
 eSb 46 05.86

SOH 1.31 305 iPb 45 49.30 -0.1
 eSb 46 07.74

EDC 2.38 83 ePn 46 08.00 3.0X
 BNT 2.43 83 ePn 46 08.00 2.4X
 FNA 2.68 286 ePn 46 09.74 0.5
 DST 3.01 98 iPn 46 13.60 -0.3
 OHR 3.19 290 ePn 46 05.70 -10.8X
 YLV 3.55 81 ePn 46 23.00 1.4
 S.D. = 0.7 on 14 of 18 obs.

? DEC 20, 1992 13h 01m 31.85±1.51s
 39.725 N ±11.4km 28.433 E ±13.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.6 (ISK).

DST 0.19 128 iPg 01 36.00 -0.1
 KCT 0.53 354 iPg 01 42.00 -0.5
 EDC 0.76 325 ePg 01 47.00 0.3
 YLV 1.11 40 ePn 01 53.00 0.3
 S.D. = 0.7 on 4 of 4 obs.

DEC 20, 1992 13h 05m 20.99±0.69s
 40.029 N ± 8.8km 24.832 E ± 4.7km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

OUR 0.72 295 iPg 05 34.46 -0.7
 PAIG 0.89 264 ePg 05 38.21 0.1
 EZN 1.17 100 iPn 05 43.10 0.3
 ALN 1.27 46 ePb 05 43.98 -0.5
 SOH 1.38 306 iPb 05 45.46 -0.8
 SRS 1.44 319 ePb 05 47.46 0.3
 THE 1.55 293 ePb 05 48.82 0.2
 LIT 1.80 273 ePb 05 52.14 -0.2
 KNT 1.86 308 ePb 05 52.74 -0.4
 GRG 2.07 297 ePn 05 56.26 0.0
 VAY 2.15 308 ePn 05 59.20 1.8
 AGG 2.18 243 ePn 05 57.54 -0.3
 DST 2.95 97 ePn 06 00.00 -8.9X
 S.D. = 0.8 on 12 of 13 obs.

? DEC 20, 1992 14h 26m 34.22±1.57s
 18.195 N ± 9.5km 99.960 W ±13.8km
 DEPTH = 64.7 ± 36.6 km
 GUERRERO, MEXICO (59)

III 0.50 69 iP 26 47.00 0.0
 TPM 1.16 47 eP 26 25.50 -29.5X
 ACX 1.32 176 eP 26 57.00 0.0
 UNM 1.35 33 eP 26 57.50 -0.1
 PPM 1.53 55 iP 27 00.50 0.1
 PIM 1.83 273 iP 27 15.50 11.5X
 MRX 1.90 322 eP 27 05.00 0.0
 S.D. = 0.2 on 5 of 7 obs.

? DEC 20, 1992 14h 29m 59.05±6.42s
 39.799 N ±25.8km 30.468 E ±48.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.6 (ISK).

GPA 0.50 346 ePg 30 08.70 -0.6
 EYL 0.80 343 ePg 30 15.30 0.6
 YLV 1.14 313 ePn 30 20.50 0.1
 DST 1.43 263 ePn 30 25.00 -0.1
 S.D. = 0.9 on 4 of 4 obs.

* DEC 20, 1992 14h 44m 00.98±0.66s
 8.547 S ±10.8km 122.215 E ±10.7km
 DEPTH = 33.0km (normal)
 4.3mb (2 obs.)
 FLORES REGION, INDONESIA (286)

KUPT 2.10 139 eP 44 39.00 4.4X
 MKS 4.29 320 ePd 45 05.40 -0.1
 KHKI 6.54 271 eP 45 39.00 1.6
 KNA 9.60 139 eP 46 19.00 -1.1
 MTN 9.75 117 iPc 46 23.40 1.4
 NANU 15.34 204 eP 47 35.00 -1.8
 WB2 16.32 135 eP 47 48.10 -1.3
 0.7s 7.40nm 3.9mb
 i 47 55.40
 eS 50 38.90
 WARB 18.04 167 eP 48 14.00 3.1X
 ASPA 18.74 145 eP 48 21.20 1.6
 0.7s 31.40nm 4.6mb
 Z 17s 0.10um 4.6mszX

MRWA 21.38 195 eP 48 49.00 1.1
 GUN 50.48 317 P 52 58.40 -0.1
 PKI 50.58 316 P 52 58.20 -1.0
 KKN 50.81 317 P 53 01.00 0.2
 GKN 51.38 316 P 53 04.60 -0.5
 ZOBO 153.28 157 ePKP 04 08.00 16.9X
 S.D. = 1.3 on 12 of 15 obs.

? DEC 20, 1992 15h 02m 37.44±1.91s
 20.102 S ±14.2km 169.687 E ±25.7km
 DEPTH = 33.0km (normal)
 4.9mb (2 obs.)
 VANUATU ISLANDS (186)

BKM 2.78 330 iP 03 21.00 0.4
 DZM 3.61 237 iPd 03 33.30 0.8
 WB2 33.16 264 eP 09 12.50 -0.7
 0.5s 2.80nm 4.4mb
 WRA 33.17 264 P 09 12.60 -0.7
 0.5s 0.20nm 3.3mb X
 ASPA 33.34 257 iPc 09 14.80 0.0
 0.5s 21.00nm 5.3mb
 GEC2 145.45 332 PKP 22 14.00 0.3
 0.8s 0.69nm
 e 22 21.60
 S.D. = 0.8 on 6 of 6 obs.

DEC 20, 1992 15h 34m 18.69±0.47s
 40.055 N ± 7.2km 24.806 E ± 3.1km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.6 (ISK).

OUR 0.69 294 iPg 34 32.30 0.0
 PAIG 0.87 262 ePg 34 35.62 0.1
 EZN 1.19 101 iPn 34 41.20 0.3
 ALN 1.27 48 ePb 34 43.02 0.8
 SOH 1.35 305 ePb 34 43.46 -0.1
 SRS 1.41 319 iPb 34 44.06 -0.3
 THE 1.52 293 iPb 34 46.34 0.4
 LIT 1.78 272 ePb 34 49.26 -0.4
 KNT 1.83 308 iPb 34 50.38 0.0
 GRG 2.04 297 ePn 34 54.34 0.8
 VAY 2.12 307 iPn 34 59.00 4.4X
 AGG 2.17 242 ePn 34 55.01 -0.5
 DMK 2.85 51 ePn 35 04.00 -1.0
 CTT 2.97 67 ePn 35 05.90 -0.8
 DST 2.98 97 ePn 35 07.40 0.5
 SKO 3.19 308 ePn 35 20.00 10.2X
 OHR 3.23 290 ePn 35 24.00 13.5X
 S.D. = 0.6 on 14 of 17 obs.

* DEC 20, 1992 16h 11m 06.81±0.81s

37.042 N ± 8.8km 29.473 E ± 6.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

ELL 0.46 130 iPg 11 16.00 -0.1
 YER 0.96 276 ePn 11 25.00 -0.1
 BCK 0.98 65 ePn 11 25.80 0.3
 CIN 1.24 297 eP 11 30.00 0.2
 KHL 1.28 2 ePn 11 30.30 -0.3
 S.D. = 0.3 on 5 of 5 obs.

* DEC 20, 1992 16h 23m 20.33±0.62s
 14.807 S ±25.0km 176.930 W ±13.4km
 DEPTH = 15.5km (3 depth phases)
 5.0mb (15 obs.)
 FIJI ISLANDS REGION (181)

DZM 17.34 243 iPc 27 31.10 7.6X
 STKA 41.41 238 eP 31 10.30 2.5X
 WB2 46.65 256 eP 31 47.40 -2.8
 0.9s 5.70nm 4.6mb
 WRA 46.66 256 P 31 49.20 -1.1
 0.9s 0.60nm 3.6mb X
 ASPA 47.06 251 iPd 31 51.70 -1.8
 0.7s 11.40nm 5.0mb
 BCH 73.28 46 eP 34 52.34 -0.9
 CMB 74.62 43 eP 34 59.79 -1.0
 e 35 04.07 14km
 PLM 74.63 49 eP 35 00.14 -1.0
 ISA 74.65 46 eP 35 00.85 -0.2
 1.4s 33.10nm 5.2mb
 e 35 04.65 12km
 MEMM 75.38 44 eP 35 04.88 -0.2
 MTUM 75.47 44 P 35 05.26 -0.7
 GSC 75.64 47 eP 35 06.25 -0.5
 BONR 75.97 44 (P) 35 08.08 -0.8
 GLA 75.98 50 (P) 35 10.25 1.5
 MDJ 76.51 324 eP 35 11.30 0.0
 TNP 76.76 44 eP 35 14.00 0.8
 0.9s 15.57nm 5.1mb
 TUC 78.69 52 eP 35 23.42 -0.4
 1.1s 12.17nm 4.9mb
 RMW 79.12 35 eP 35 25.13 -0.7
 TTA 79.19 10 eP 35 25.38 -0.5
 1.8s 90.64nm 5.5mb
 ARUT 79.22 46 eP 35 25.84 -0.8
 PMR 79.27 13 eP 35 24.83 -1.4
 1.2s 36.55nm 5.3mb
 MSU 80.44 46 (P) 35 34.16 0.9
 DUG 80.78 44 eP 35 35.47 0.5
 1.0s 5.88nm 4.6mb
 DPW 81.36 36 eP 35 37.66 0.0
 HVU 81.56 43 eP 35 39.43 0.4
 SRU 81.86 46 (P) 35 41.09 0.4
 NEW 82.18 36 (P) 35 42.58 0.7
 1.2s 13.80nm 4.9mb
 FBA 82.49 12 eP 35 42.06 -1.1
 0.8s 20.98nm 5.3mb
 IMA 82.49 9 eP 35 42.27 -1.0
 1.7s 35.91nm 5.2mb
 HHA1 82.53 42 (P) 35 43.44 -0.6
 BJI 82.61 315 eP 35 45.50 1.3
 1.2s 16.00nm 5.0mb
 pP 35 52.00 21km
 PV08 82.94 47 (P) 35 45.66 -0.8
 ALO 83.06 51 eP 35 46.19 -0.8
 1.2s 12.39nm 5.0mb
 LRM 83.69 39 eP 35 56.30 6.3X
 BW06 84.14 43 eP 35 50.83 -1.5
 1.2s 8.57nm 4.9mb
 TIY 84.28 311 eP 35 54.00 1.0
 Z 30s 0.62um 4.8mszX
 XAN 85.53 307 eP 36 06.00 6.7X
 HMC 86.14 314 eP 36 04.20 2.0
 BTO 87.13 313 eP 36 08.00 1.0
 LZH 90.14 307 eP 36 21.00 -0.5
 YKA 90.94 24 eP 36 23.60 -0.8
 1.1s 4.30nm 4.7mb
 GRF 144.58 351 ePKP 42 55.90 -1.9
 e 43 00.70
 e 43 03.00
 KHC 144.70 348 ePKP 42 56.00 -2.1
 1.3s 18.00nm
 e 43 03.60
 i 43 07.00

20d 16h

ZST 144.74 344 ePKP 42 56.80 -1.3
 SRO 144.75 342 ePKP 42 55.60 -2.5
 GEC2 144.95 348 PKP 42 56.90 -1.7
 0.6s 1.27nm
 WLF 145.15 356 PKP 42 58.00 -0.7
 i 43 03.00
 GZR 145.27 335 iPKPc 43 03.00 3.8X
 FLN 146.01 4 ePKP 42 59.00 -1.2
 0.9s 18.65nm
 Z 24s 0.22um 4.9MsZx
 CDF 146.31 355 ePKP 43 00.70 -0.2
 1.3s 38.25nm
 LPF 146.70 5 ePKP 43 01.60 0.3
 1.0s 38.40nm
 KBA 146.70 347 i(PKP) 43 01.90 0.3
 HAU 146.79 356 ePKP 43 02.00 0.5
 1.0s 14.60nm
 Z 24s 0.15um 4.7MsZx
 WTTA 146.86 349 iPKPd 43 02.60 0.7
 1.0s 24.00nm
 BSF 146.93 355 ePKP 43 03.40 1.5
 1.3s 14.80nm
 PTJ 147.16 343 ePKP 43 03.90 1.6
 RBL 147.26 347 PKP 43 03.20 0.8
 LOR 147.63 359 ePKP 43 04.20 1.3
 1.4s 27.00nm
 Z 24s 0.22um 4.9MsZx
 LLS 147.65 352 ePKPd 43 04.40 6.2X
 SSF 147.84 359 ePKP 43 04.90 1.7
 1.1s 31.25nm
 TRI 147.90 346 e(PKP) 43 05.50 2.2
 LBF 147.91 359 ePKP 43 05.10 1.7
 1.0s 17.60nm
 VDL 147.97 352 ePKPc 43 06.20 2.5X
 AVF 148.11 360 ePKP 43 05.00 1.4
 1.3s 22.00nm
 MFF 148.19 4 ePKP 43 04.90 1.1
 1.2s 28.25nm
 SMF 148.25 359 ePKP 43 05.80 1.9
 1.1s 13.65nm
 BGF 148.35 0 ePKP 43 05.90 1.8
 1.0s 24.40nm
 TMA 148.42 352 ePKPc 43 07.10 2.7X
 TCF 148.61 1 ePKP 43 06.70 2.2
 SKO 148.62 333 ePKP 43 07.20 2.6X
 LSF 148.63 2 ePKP 43 06.50 2.0
 1.0s 25.00nm
 EMS 148.67 355 ePKPc 43 07.50 2.7X
 VAI 148.67 352 PKP 43 08.40 3.9X
 MAF 148.68 1 ePKP 43 07.20 2.6X
 1.0s 24.40nm
 LPL 149.23 355 ePKP 43 09.50 3.7X
 0.8s 6.70nm
 LPG 149.25 355 ePKP 43 09.50 3.6X
 1.1s 20.25nm
 LWI 149.41 238 iPKPd 43 12.00 5.0X
 RJF 149.57 2 ePKP 43 09.20 3.2X
 1.3s 32.85nm
 Z 23s 0.17um 4.8MsZx
 OHR 149.60 333 ePKP 43 10.20 4.0X
 BNI 149.70 355 PKP 43 15.50 9.1X
 LFF 149.90 3 ePKP 43 10.00 3.5X
 0.9s 24.10nm
 CAF 149.97 1 ePKP 43 10.40 3.8X
 1.0s 14.00nm
 SFI 150.03 347 PKP 43 11.70 5.0X
 ARV 150.18 345 PKP 43 11.80 4.8X
 BCAO 161.61 237 ePKPd 43 25.00 2.6X
 0.6s 6.00nm
 ic 44 11.10

S.D. = 1.3 an 62 of 85 obs.

DEC 20, 1992 16h 38m 46.37 ± 0.11s
 25.684 S ± 3.0km 179.561 E ± 3.3km
 DEPTH = 498.5km (7 depth phases)
 5.4mb (56 obs.)
 SOUTH OF FIJI ISLANDS (171)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 14S, 26C
 Centroid Location:
 Origin Time 16:38:52.2 0.5
 Lat 25.53S 0.05 Lon 179.58E 0.04
 Dep 513.1 2.9 Half-duration 1.4
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr = 1.04 0.06 Mtt = -0.64 0.10
 Mff = -0.40 0.11 Mrt = -0.31 0.13

Mrf = -1.47 0.10 Mtf = -0.75 0.11
 Principal Axes:
 T Val = 1.96 Plg = 57 Azm = 84
 N -0.11 20 208
 P -1.85 25 308
 Best Double Couple: Mo = 1.9 × 10¹⁷
 NP1: Strike = 74 Dip = 27 Slip = 139
 NP2: 202 73 69

RAO 4.20 148 eP 40 58.10 51.1X
 eS 41 18.00
 SVA 7.60 352 iPc 40 37.70 -2.0
 VUN 7.71 352 iPd 40 37.10 -3.7X
 SGE 8.20 349 iPc 40 44.90 -1.2
 MBU 8.70 355 ePc 40 50.50 -0.8
 WCZ 11.16 202 P 41 21.00 3.9X
 0.9s 315.00nm 5.7mb
 KUZ 11.51 196 P 41 22.30 1.6
 S 43 31.50
 HBZ 11.93 185 P 41 25.90 0.7
 PUZ 12.40 185 eP 41 29.10 -1.1
 S 43 44.10
 DZM 12.53 284 iPd 41 33.20 1.5
 iS 43 51.20
 ScP 49 16.60
 WLZ 12.61 195 P 41 34.50 2.2
 URZ 12.71 189 P 41 31.40 -2.0
 S 43 46.60
 NOZ 12.96 185 eP 41 35.90 -0.1
 BKM 13.20 305 iPc 41 40.50 2.0
 PAHZ 13.31 189 P 41 38.90 -0.7
 MOZ 13.40 196 P 41 42.30 1.8
 0.8s 258.00nm 5.8mb
 TTH 14.01 189 P 41 47.20 0.4
 WAHZ 14.23 190 P 41 47.20 -1.9
 PGZ 15.14 190 eP 41 57.20 -1.1
 MNG 15.28 192 eP 41 57.20 -2.5
 S 44 33.60
 MTW 15.80 191 eP 42 01.70 -3.1X
 CAW 15.83 193 eP 42 03.80 -1.4
 MRW 16.02 193 eP 42 05.20 -1.9
 S 44 48.40
 ORZ 16.20 199 P 42 10.20 1.4
 e 42 27.90
 e 42 28.20
 THZ 16.96 197 eP 42 16.90 0.5
 S 45 07.90
 DSZ 17.26 200 eP 42 21.00 1.7
 KHZ 17.41 195 P 42 20.00 -0.7
 S 45 12.10
 LTZ 18.08 198 eP 42 27.20 0.0
 S 45 25.10
 MOZ 18.84 196 eP 42 34.40 -0.2
 LMZ 19.85 202 P 42 44.50 0.3
 ODZ 20.62 198 eP 42 50.80 -0.6
 MSCZ 21.03 200 eP 42 54.30 -1.0
 MMCZ 21.04 201 P 42 54.70 -0.7
 SBCZ 21.06 201 eP 42 54.30 -1.3
 LSCZ 21.06 200 eP 42 54.70 -0.9
 BRS 24.01 260 iPc 43 22.50 -0.1
 1.0s 23.00nm 4.7mb
 i 43 39.00 72kmX
 HNR 24.66 307 eP 43 26.00 -2.4
 ARMA 25.07 253 iPd 43 34.10 1.9
 0.3s 41.00nm 5.4mb
 iPc 43 51.00 74kmX
 CNB 27.64 242 iPc 43 57.10 2.3
 0.8s 87.00nm 5.3mb
 RMQ 27.65 262 iPd 43 56.70 1.9
 0.5s 93.00nm 5.6mb
 i 44 13.20 70kmX
 eScP 49 52.30
 CAN 27.94 243 eP 43 59.20 1.9
 i 44 16.00 72kmX
 BWA 28.24 245 eP 44 00.30 0.3
 i 44 16.40 68kmX
 AFR 29.58 80 iPc 44 10.50 -1.2
 1.0s 398.40nm 5.9mb
 PAE 29.71 81 iPc 44 11.60 -1.2
 1.2s 395.10nm 5.8mb
 PPT 29.75 80 iPc 44 12.10 -1.0
 1.1s 531.40nm 6.0mb
 Z 26s 1125.00um 7.4MsZx
 PPN 29.89 80 iPc 44 13.30 -1.0
 1.3s 456.30nm 5.8mb
 TVO 29.96 81 iPc 44 14.00 -1.0
 CMS 30.10 251 iPd 44 17.10 1.0

CTA 31.13 273 iPd 44 26.00 1.0
 1.0s 132.50nm 5.4mb
 PMO 32.23 77 iPc 44 33.40 -0.8
 1.2s 384.40nm 5.8mb
 VAH 32.36 78 iPc 44 34.40 -1.0
 1.2s 439.10nm 5.9mb
 TPT 32.48 77 iPc 44 35.60 -0.7
 1.1s 541.10nm 6.0mb
 RUV 32.60 78 iPc 44 36.60 -0.8
 1.1s 447.40nm 5.9mb
 BFD 33.40 241 iPc 44 45.20 1.2
 STKA 33.72 251 iPd 44 48.00 1.3
 iPP 46 13.80
 iPcP 47 05.30
 eS 49 27.30
 eScP 50 09.70
 iScS 54 13.90
 PMG 34.74 292 iPd 44 55.00 -0.4
 0.9s 394.96nm 5.9mb
 FINC 35.71 297 e(P) 45 10.00 6.6X
 ADE 36.25 245 iPd 45 09.20 1.4
 QIS 37.00 269 iPd 45 14.00 -0.1
 YYY 37.46 295 eP 45 17.00 -1.0
 MDG 38.18 296 iPd 45 23.90 0.2
 ASPA 41.38 263 iPd 45 50.30 0.5
 0.4s 448.00nm 6.3mb
 e 46 07.10 67kmX
 i 47 21.20
 iScP 50 40.30
 iS 51 27.00
 eScS 54 55.10
 WB2 41.91 268 iPd 45 53.70 -0.2
 0.5s 376.30nm 6.2mb
 i 46 10.70 68kmX
 iScP 50 42.90
 eS 51 34.00
 WRA 41.92 268 P 45 54.00 0.0
 FORT 45.34 251 eP 46 20.10 -0.6
 WARB 47.31 257 iPd 46 35.20 -0.6
 KNA 48.28 271 iPd 46 43.00 -0.3
 COOL 51.21 250 eP 47 04.00 -0.9
 DHH 51.58 27 eP 47 05.65 -1.9
 SBA 52.58 183 iPc 47 18.00 3.8X
 BAL 55.02 249 eP 47 31.00 -1.1
 MRWA 55.91 251 iPd 47 37.70 -0.7
 TNE 56.86 289 ePc 47 43.60 -1.5
 NANU 58.02 258 iPd 47 52.70 -0.2
 MNI 59.32 288 e(P) 48 01.50 -0.3
 DAV 61.72 294 ePc 48 16.20 -1.4
 SPA 64.46 180 iPc 48 35.90 1.1
 1.0s 104.00nm 5.4mb
 i 50 22.90 519kmX
 KAKJ 71.91 327 P 49 19.00 -0.8
 CHJJ 72.36 326 P 49 21.90 -0.6
 MAT 73.14 326 iPd 49 26.10 -0.9
 1.0s 100.00nm 5.3mb
 KAGJ 73.23 318 eP 49 27.00 -0.5
 MTMJ 73.38 326 iPd 49 27.90 -0.5
 TSRJ 73.52 324 iPd 49 28.80 -0.3
 OFUJ 73.52 330 eP 49 26.90 -2.1
 YAMJ 73.54 328 eP 49 26.30 -2.9
 KUMJ 74.22 319 eP 49 32.30 -0.8
 HOOJ 75.55 333 eP 49 41.70 1.5
 KUSJ 75.59 334 eP 49 40.40 0.0
 MAW 75.95 201 iPc 49 43.50 1.4
 0.9s 40.00nm 5.0mb
 AIA 77.09 157 eP 49 50.40 2.0
 ASAJ 77.26 334 eP 49 50.00 0.4
 ADK 77.30 2 ePc 49 47.94 -1.6
 0.6s 92.98nm 5.4mb
 KGM 78.50 278 eP 49 57.20 0.3
 YSS 79.64 335 iPc 50 02.10 0.0
 0.8s 20.00nm 4.6mb
 e 51 54.00 514kmX
 i 59 26.00
 NJ2 81.53 312 Pd 50 12.50 0.3
 IPM 81.69 279 ePd 50 13.80 0.4
 1.0s 45.70nm 5.0mb
 e 52 07.10 518kmX
 SDN 82.48 11 ePc 50 15.09 -1.4
 0.6s 85.77nm 5.5mb
 PRS 83.09 44 iPc 50 21.15 1.2
 GCC 83.14 43 iPc 50 21.11 0.9
 PCC 83.20 43 iPc 50 21.23 0.8
 BCH 83.20 46 iPc 50 21.80 1.1
 SAO 83.32 44 iPc 50 21.73 0.6

FRI	83.42	45	iPc	50	25.03	3.2X			1.0s	14.76nm	4.9mb			0.4s	103.10nm					
NVL	83.43	184	iPc	50	20.80	-0.3	PMR	90.57	14	iPd	50	53.84	-1.1	SUE	144.46	356	ePKP	57	24.70	-1.3
	1.1s		97.00nm			5.3mb		0.8s	24.95nm		5.2mb		MNK	144.98	331	ePKP	57	25.00	-2.1	
			e	50	30.00	29kmX			epP	52	45.63	497km	ASK	145.00	355	ePKP	57	26.60	-0.3	
MDJ	83.52	327	Pc	50	22.00	0.1	LNOR	90.80	38	P	50	56.34	-0.1	EGD	145.21	355	ePKP	57	28.10	0.8
	1.1s		54.00nm			5.0mb	DUG	90.80	45	ePc	50	56.76	0.0	KMY	146.26	355	iPKPc	57	30.31	1.3
BKS	83.53	43	iPc	50	23.15	1.0	HHC	91.40	315	Pd	51	00.60	1.2	KAS	147.72	308	ePKP	57	32.00	-0.1
LLA	83.54	44	iPc	50	23.18	0.9		1.1s		50.00nm		5.4mb	8HL	147.75	293	PKP	57	35.00	2.6X	
ZSP	83.56	43	ePc	50	23.40	1.1	HVU	91.70	44	iPc	51	01.40	0.5	MML	148.05	291	iPKPc	57	37.80	5.0X
NTYM	83.60	42	ePc	50	23.19	0.8	SRU	91.70	47	iPc	51	01.38	0.4	MUD	148.47	350	iPKPc	57	36.00	3.4X
ARN	83.63	43	iPc	50	23.77	1.1	CD2	91.73	304	P	51	02.60	1.5		0.6s		44.00nm			
PKEM	83.72	45	eP	50	24.62	1.5		1.0s		22.00nm		5.1mb		i				59	37.00	
WHN	83.77	308	Pd	50	24.20	0.7	DAU	91.92	46	ePc	51	02.48	0.4	MBH	148.55	286	iPKPc	57	38.60	4.9X
HMR	83.97	43	(P)	50	25.91	1.6	DPW	92.05	37	iPc	51	02.11	-0.1	EDR	148.75	2	iPKPc	57	36.70	3.6X
KMPM	84.05	40	iPc	50	26.04	1.3	BTO	92.25	314	eP	51	04.00	0.7	EDU	149.11	3	ePKPc	57	37.70	4.1X
FOX	84.19	40	iPc	50	27.02	1.7	PV09	92.31	48	iPc	51	03.96	0.0		1.1s		85.00nm			
SSK	84.19	48	iPc	50	26.24	0.5	PV10	92.31	48	iPc	51	03.69	-0.2	ELO	149.15	4	iPKPc	57	37.80	4.1X
PLM	84.25	49	iPc	50	27.10	1.0	ALQ	92.36	52	eP	51	04.46	0.3	EBH	149.38	3	iPKPc	57	38.60	4.5X
			epP	52	18.47	503km		0.8s		21.81nm		5.2mb	EAB	149.39	4	iPKPc	57	38.50	4.4X	
PEC	84.36	48	iPc	50	26.88	0.5				eP	52	57.76	504km		0.9s		91.00nm			
	0.6s		24.98nm			5.0mb	PTI	92.55	43	eP	51	05.41	0.7	CSS	149.54	296	ePKP	57	40.00	5.0X
FHC	84.38	39	iPc	50	27.73	1.4	PV08	92.67	48	ePc	51	05.71	0.0	EDI	149.72	3	ePKPc	57	39.10	4.6X
ISA	84.54	46	iPc	50	28.06	0.8	HHA1	92.77	43	eP	51	06.47	0.8		0.9s		97.00nm			
	0.8s		187.62nm			5.8mb	NEW	92.86	37	eP	51	05.56	-0.3	ESY	149.75	2	iPKPc	57	39.30	4.7X
FRI	84.55	45	iPc	50	27.62	0.4		0.9s		13.24nm		5.0mb	EAU	149.79	3	ePKPc	57	39.70	5.0X	
CMB	84.77	43	iPc	50	28.76	0.4	FBA	93.77	13	iPc	51	07.81	-1.9	EBL	149.88	3	iPKPc	57	39.80	5.0X
	0.8s		76.44nm			5.4mb		0.9s		10.22nm		4.9mb		0.9s		68.00nm				
SNY	84.78	322	eP	50	28.40	0.2				epP	52	58.57	490km	CFR	149.89	318	ePKP	57	40.00	4.9X
	1.0s		30.00nm			4.9mb	LZH	94.15	308	Pd	51	18.00	5.7X	EKA	150.31	3	PKP	57	34.00	-1.5
ORV	85.04	42	iPc	50	30.01	0.5		1.4s		42.00nm		5.4mb			1.6s		18.80nm			
CN2	85.08	324	iPd	50	29.90	0.3	BW06	94.25	44	iPc	51	12.04	-0.6	VRI	150.38	320	ePKPc	57	40.50	4.6X
	1.0s		110.00nm			5.5mb		0.8s		8.25nm		4.9mb	EYL	150.57	308	ePKP	57	41.00	4.5X	
			epP	52	18.00	484km	LCCM	94.45	41	eP	51	13.50	0.1	OJC	150.95	333	ePKP	57	36.40	-0.2
			eS	00	20.00		GOL	95.44	48	eP	51	18.29	0.1		0.7s		208.00nm			
TIA	85.17	314	Pd	50	31.10	0.8		0.8s		5.76nm		4.8mb		i				57	43.00	
	1.0s		42.00nm			5.0mb	GLD	95.57	49	eP	51	18.99	0.4	MLR	151.04	320	ePKP	57	45.00	7.9X
GSC	85.42	47	iPc	50	32.28	0.7		1.1s		41.47nm		5.5mb	YLV	151.12	308	ePKP	57	43.40	6.1X	
MEMM	85.45	44	eP	50	32.55	1.1	ME0	98.02	55	iPd	51	28.90	-0.7	WIM	151.40	5	ePKP	57	43.00	5.9X
MIN	85.47	41	iPc	50	31.82	0.0	RSSD	98.41	45	eP	51	30.81	-0.6	DMU	151.41	8	ePKP	57	43.00	5.8X
GLA	85.47	50	iPd	50	33.36	1.5		0.6s		4.95nm		5.1mb	DMU	151.41	8	ePKP	57	53.30	16.1X	
BONR	86.02	44	iPc	50	35.36	0.7	GTA	98.52	310	eP	51	33.00	1.1	SPC	151.54	331	iPKP	57	46.00	8.2X
			epP	52	26.79	501km		1.0s		9.00nm		5.1mb	RAC	151.70	334	ePKP	57	45.00	7.3X	
TPNV	86.75	46	eP	50	38.88	0.9	LP8	101.95	115	Pdiff	51	57.00	8.9X	KSP	151.79	337	ePKP	57	37.70	-0.1
	0.4s		38.34nm			5.5mb				e	56	07.00			0.7s		119.00nm			
TNP	86.79	45	iPc	50	38.76	0.5	ZOBO	102.05	115	Pdiff	51	50.80	2.0		i			57	45.20	
			e	50	55.47	59kmX				e	56	01.00		DCN	151.90	9	ePKP	57	44.10	6.2X
KVN	86.81	44	iPc	50	38.76	0.5	YKA	102.14	26	ePd	51	45.90	-1.4		e			57	55.50	
TCO	87.86	38	P	50	44.04	0.9		0.6s		0.60nm		4.4mb		e				57	44.40	
SSOR	87.86	37	P	50	43.12	0.1	KKN	105.05	294	Pdiff	52	04.60	3.2X	DLF	152.05	8	ePKP	57	44.40	6.4X
TUC	87.92	53	iPc	50	45.12	1.6	KKN	105.05	294	PKP	56	12.94	-0.3	DLF	152.05	8	ePKP	57	56.20	18.2X
	1.6s		220.31nm			5.7mb	DMN	105.12	294	Pdiff	52	04.40	2.6X	BCAO	152.11	224	iPKPc	57	38.90	-0.5
			e	51	01.46	57kmX	DMN	105.12	294	PKP	56	12.98	-0.5		1.0s		110.00nm			
BJI	88.04	317	eP	50	44.00	0.2		0.5s		8.00nm				i				57	46.20	
	1.2s		49.00nm			5.2mb	GKN	105.65	294	Pdiff	52	07.80	3.8X		i			57	58.50	
			eSKS	00	20.00		GKN	105.65	294	PKP	56	12.20	-2.1		i			59	48.10	
			eS	00	48.00		ULM	106.00	42	ePKP	56	15.00	0.9	WME	152.17	5	ePKPc	57	44.60	6.4X
BPO	88.15	38	P	50	45.19	0.7	HYB	107.02	281	ePKP	56	16.00	-1.0		0.8s		64.00nm			
PGO	88.26	37	P	50	45.78	1.1	ELT	112.07	320	ePKP	56	23.80	-1.6	YRC	152.29	5	ePKP	57	44.70	6.3X
VBEM	88.47	37	P	50	46.30	0.4	NRI	114.29	337	ePKP	56	28.00	-1.3	WIT	152.38	351	ePKP	57	47.00	8.5X
BMW	88.50	36	eP	50	44.60	-1.3		0.9s		19.00nm			CLL	152.43	342	iPKP	57	38.40	-0.3	
MGD	88.67	346	eP	50	45.00	-1.3	BAO	118.12	126	PKPd	56	37.90	-0.4		1.0s		105.00nm			
			e	52	39.00	511km	TBR	118.22	55	ePKP	56	36.40	-1.2		i			57	45.90	
MTMW	88.75	36	P	50	47.45	0.4	BRVK	121.57	318	iPKPc	56	42.00	-1.6		pPKP			59	42.80	
CROR	88.75	38	P	50	47.54	0.4		0.9s		25.00nm			BRG	152.53	340	ePKP	57	38.50	-0.3	
OOW	88.83	34	P	50	48.68	1.3	SLR	121.84	211	ePKP	56	44.00	-1.2		1.2s		64.00nm			
SHW	88.84	36	eP	50	48.56	1.0		0.5s		14.08nm				i				57	46.20	
ARUT	89.06	47	iPc	50	49.51	0.7	LMN	125.53	51	ePKP	56	53.00	1.4		i			57	58.80	
TIY	89.11	313	iPd	50	50.00	1.1	BUL	126.41	215	iPKPd	56	54.30	0.1		i			59	43.20	
	1.0s		100.00nm			5.6mb		1.2s		32.03nm				i				59	47.40	
OSD	89.14	34	P	50	49.96	1.0	ARU	128.05	323	ePKP	56	56.00	0.0	PSZ	152.63	329	ePKP	57	46.40	7.2X
VGB	89.20	37	ePc	50	49.43	0.3	MAIO	128.26	297	iPKPd	56	57.00	-0.2	YRH	152.70	6	ePKP	57	45.40	6.4X
GLK	89.41	36	P	50	50.66	0.5				e	59	31.00		PRU	153.11	338	PKPc	57	47.40	7.7X
LON	89.42	36	iPc	50	50.24	0.1	KAF	139.40	341	ePKP	57	06.70	-10.5X		1.2s		17.20nm			
GMW	89.43	35	ePc	50	50.41	0.4		0.7s		11.80nm				e				58	01.60	
XAN	89.53	308	iPd	50	52.00	1.1	OBN	140.06	327	ePKP	57	12.00	-6.6X		e			59	44.50	
	1.0s		40.00nm			5.3mb		0.8s		29.00nm								57	39.50	
BLN	89.63	34	P	50	52.09	1.1				e	57	18.00		WTS	153.15	350	ePKP	57	39.50	-0.1
JBO	89.68	38	P	50	51.70	0.4				i	57	20.00			0.8s		8.00nm			
KMI	89.74	298	Pd	50	53.50	1.2				e	00	07.00		WTS	153.15	350	ePKP	57	47.50	7.9X
	1.4s		70.00nm			5.4mb				e	00	18.00			epPKP			59	47.00	
RMW	89.88																			

20d 16h

			e	59 45.30		
			e	59 55.00		
KHC	154.17	339	iPKPc	57 40.60	-0.6	
	1.0s		8.90nm			
			i	57 50.00		
			e	58 06.40		
GEC2	154.37	338	PKP	57 40.70	-0.9	
	0.8s		3.02nm			
			pPKP	57 45.50		
			sPKP	57 50.40		
			pPKP	57 54.90		
			pPKP	58 06.70		
GRF	154.38	342	iPKPc	57 40.90	-0.5	
			ic	57 50.30		
			e	58 07.20		
			ePP	59 53.00		
ENN	154.48	351	ePKP	57 41.00	-0.5	
	0.8s		4.00nm			
ENN	154.48	351	ePKP	57 50.50	9.0	
			ePKPob	58 07.00		
SNF	154.95	353	PKP	57 42.60	0.5	
			i	58 08.73		
DOU	155.32	352	PKP	57 52.70	10.1	
			e	58 10.50		
WLF	155.52	350	PKP	57 53.00	10.1	
			e	58 12.00		
SKO	155.73	317	ePKP	57 53.00	9.5	
	1.0s		74.00nm			
			i	58 14.20		
PTJ	155.93	331	ePKP	57 43.00	-0.8	
KBA	156.01	336	iPKPc	57 43.10	-0.8	
CDF	156.52	347	ePKP	57 43.90	-0.5	
	0.9s		4.60nm			
OHR	156.61	316	ePKP	57 46.30	1.6	
	1.0s		55.00nm			
			i	58 17.20		
FLN	156.96	0	ePKP	57 44.70	-0.1	
	0.9s		16.40nm			
HAU	157.09	348	ePKP	57 44.80	-0.3	
	1.4s		20.50nm			
LDF	157.13	359	ePKP	57 44.80	-0.2	
	0.8s		5.65nm			
BSF	157.17	347	ePKP	57 44.80	-0.5	
	1.0s		4.40nm			
GRR	157.33	1	ePKP	57 44.90	-0.4	
	1.1s		13.65nm			
LOR	158.19	352	ePKP	57 46.30	0.0	
	1.4s		18.30nm			
SSF	158.44	353	ePKP	57 46.40	-0.2	
	1.3s		18.75nm			
LBF	158.45	352	ePKP	57 46.60	-0.1	
	1.6s		23.65nm			
AVF	158.72	353	ePKP	57 46.80	-0.1	
	1.6s		24.25nm			
SMF	158.80	352	ePKP	57 46.90	-0.1	
	1.8s		38.00nm			
MFF	159.12	359	ePKP	57 47.30	0.0	
	1.2s		19.95nm			
TCF	159.33	355	ePKP	57 47.60	0.0	
	1.2s		16.35nm			
MAF	159.36	354	ePKP	57 47.90	0.3	
	1.7s		26.45nm			
LSF	159.42	356	ePKP	57 47.40	-0.3	
	0.9s		6.90nm			
LIC	160.16	166	PKPc	57 49.50	0.1	
KIC	160.35	167	PKPc	57 49.90	0.3	
RJF	160.36	356	ePKP	57 48.80	0.1	
	1.2s		17.55nm			
TIC	160.57	166	PKPc	57 50.10	0.3	
CAF	160.69	355	ePKP	57 49.50	0.4	
	1.6s		29.85nm			
SBF	160.76	342	ePKP	57 48.90	-0.3	
	1.3s		24.90nm			
PGF	161.47	338	ePKP	57 49.50	-0.5	
	0.9s		6.70nm			
EPF	162.68	358	ePKP	57 51.70	0.6	
	1.0s		14.00nm			
S.D. = 1.0 on 246 of 302 obs.						

? DEC 20, 1992 17h 14m 07.56±1.59s						
37.039 N ± 8.3km 5.501 W ±15.3km						
DEPTH = 10.0km (geophysicist)						
SPAIN (377)						
mbLg 2.7 (MDD).						
EPRU	0.23	109	iPgc	14 11.77	-0.7	
			eSg	14 15.30		

EJIF	0.59	177	ePg	14	19.66	0.2
			eSg	14	26.80	
EHOR	0.81	14	ePg	14	22.76	-0.5
			eSg	14	33.10	
ELUQ	1.11	62	ePg	14	29.41	0.9
			eSg	14	43.90	
S.D. = 1.3 on 4 of 4 obs.						
DEC 20, 1992 17h 56m 53.64± 0.63s						
37.269 N ± 5.5km 21.578 E ± 4.3km						
DEPTH = 42.2 ± 8.2 km						
4.0mb (4 obs.)						
SOUTHERN GREECE						(368)
MD 3.7 (ATH).						
VLS	1.20	319	ePb	57	13.80	-0.4
VLI	1.22	116	ePg	57	13.50	-1.0
ATH	1.84	67	ePb	57	23.50	0.2
			eSb	57	49.00	
AGG	1.85	18	ePb	57	24.90	1.5
			eSb	57	47.66	
IGT	2.46	337	ePn	57	38.34	6.2X
KEK	2.81	331	ePn	57	44.00	6.8X
SRN	2.89	335	eP	57	42.80	4.6X
LIT	2.92	14	ePn	57	39.82	1.1
			eSn	58	13.42	
KZN	3.04	3	ePn	57	44.00	3.5X
PAIG	3.12	31	ePn	57	40.70	-0.9
			iSn	58	16.34	
FNA	3.51	357	ePn	57	50.46	3.2X
THE	3.53	17	ePn	57	47.97	0.6
VLO	3.58	334	eP	57	53.60	5.5X
OUR	3.59	31	ePn	57	46.74	-1.5
GRG	3.74	10	ePn	57	51.10	0.7
SOH	3.81	21	ePn	57	51.30	0.0
			eSn	58	34.38	
OHR	3.88	351	iPn	57	53.00	0.6
			i	58	04.50	
			i	58	41.00	
			i	59	02.80	
			Lg	59	11.20	
KNT	4.02	14	ePn	57	54.73	0.4
			eSn	58	40.62	
VAY	4.12	10	iPn	57	57.40	1.7
SRS	4.15	22	ePn	57	55.46	-0.7
TIR	4.28	342	eP	58	03.10	5.0X
SOI	4.45	282	P	58	00.90	0.4
LACI	4.59	342	eP	58	03.30	0.9
MMB	4.62	20	iP	58	03.00	0.1
SKO	4.70	359	iPn	58	04.50	0.6
			i	58	13.30	
			i	58	58.50	
KKB	4.74	14	eP	58	04.00	-0.4
ATN	4.93	282	P	58	06.40	-0.8
BRT	4.96	318	P	58	06.30	-1.2
RZN	5.04	28	iP	58	08.00	-0.8
KDZ	5.29	33	eP	58	08.00	-4.2X
MEU	5.31	270	P	58	11.50	-1.2
VTS	5.46	13	eP	58	06.00	-8.8X
MNO	5.51	279	P	58	15.70	0.2
MGR	5.51	303	P	58	15.40	0.0
GIB	6.04	279	P	58	23.70	0.8
GEC2	12.91	336	Pn	59	55.30	-1.8
KHC	13.20	336	eP	00	04.00	3.2X
			e	00	30.50	
NUR	23.34	4	eP	01	58.00	-0.7
HFS	23.43	350	eP	01	58.60	-1.0
	0.4s		1.30nm		3.8mb	
NAO	24.54	347	P	02	09.40	-0.9
	0.8s		1.70nm		3.6mb	
EKA	24.65	325	Pd	02	12.70	1.3
	0.7s		5.70nm		4.2mb	
KAF	25.04	5	eP	02	14.90	-0.2
BCAO	32.80	186	iPc	03	26.10	1.0
	0.5s		4.00nm		4.5mb	
KIC	39.01	224	P	04	19.00	1.1
GKN	53.04	81	P	06	00.00	-9.0X
WRA	119.66	93	PKP	15	52.30	11.4X
	0.7s		0.10nm			
S.D. = 1.0 on 34 of 46 obs.						
DEC 20, 1992 18h 26m 13.72± 0.67s						
38.355 N ± 5.6km 22.310 E ± 7.3km						
DEPTH = 10.0km (geophysicist)						
GREECE						(364)
MD 3.1 (ATH).						

AGG	0.67	1	ePg	26 25.68	-1.3
			eSg	26 35.40	
ATH	1.17	109	ePb	26 36.00	0.4
			eSb	26 54.00	
VLS	1.37	263	ePg	26 37.50	-1.3
VLI	1.71	163	ePb	26 44.00	0.3
LIT	1.75	5	iPb	26 44.04	-0.3
			eSb	27 07.72	
PAIG	1.90	34	ePb	26 45.88	-0.5
KZN	1.99	348	ePn	26 49.30	1.4
THE	2.33	12	ePn	26 52.61	0.0
OUR	2.36	33	ePn	26 52.76	-0.4
FNA	2.53	344	iPn	26 56.40	0.8
SOH	2.59	18	ePn	26 56.08	-0.4
GRG	2.60	2	ePn	26 56.80	0.3
KNT	2.84	9	ePn	26 59.40	-0.5
OHR	2.99	338	ePn	27 03.50	1.4
S.D. = 0.9 on 14 of 14 obs.					

% DEC 20, 1992 18h 47m	16.96±1.18s				
39.198 N ± 9.7km	28.718 E ± 11.0km				
DEPTH = 10.0km (geophysicist)					
TURKEY			(366)		
MD 2.9 (ISK).					

DST	0.41	350	iPg	47 23.80	-1.6
KHL	1.08	144	iPg	47 37.30	0.0
			eSg	47 51.30	
KCT	1.09	345	iPn	47 37.90	0.5
ALT	1.09	97	ePg	47 36.90	-0.7
BNT	1.31	332	ePn	47 42.00	0.8
EDC	1.32	330	ePn	47 41.00	-0.4
GPA	1.64	48	ePn	47 46.00	0.0
EYL	1.76	39	ePn	47 49.00	1.2
S.D. = 1.1 on 8 of 8 obs.					

DEC 20, 1992 19h 37m	47.05±0.21s				
37.062 N ± 3.7km	96.483 E ± 3.2km				
DEPTH = 20.5km (6 depth phases)					
5.0mb (45 obs.)			4.3Msz (3 obs.)		
QINGHAI, CHINA			(325)		
ML 5.5 (8JI).					

GTA	3.52	47	iPnc	38 44.00	2.1
Z	10s	12.80um			
N	10s	13.20um			
		Pg	38 50.00		
		Sn	39 27.00		
LZH	6.00	97	iPnc	39 17.50	0.4
Z	11s	5.26um			
		Pg	39 37.00		
		Sn	40 27.50		
		Sg	40 59.00		
LSA	8.59	213	iPc	39 55.00	1.4
	1.0s	2.00nm			4.3mb
Z	10s	7.63um			
CD2	8.61	133	iPd	39 56.40	2.9
Z	10s	6.46um			
E	10s	5.59um			
		S	41 34.00		
WMO	9.51	318	P	40 04.00	-1.9
Z	16s	3.11um			
N	10s	5.15um			
		S	41 52.00		
XAN	10.57	103	iPc	40 16.50	-4.0X
Z	12s	0.28um			
8TO	11.13	67	eP	40 26.00	-2.2
N	10s	1.36um			
E	10s	1.69um			
HHC	12.33	68	P	40 42.00	-2.5
Z	14s	3.31um			
		S	42 54.20		
TIY	12.71	82	Pc	40 45.80	-3.6X
Z	13s	3.35um			
GUN	12.77	227	P	40 50.28	-0.3
	0.8s	64.00nm			5.8mb
KMI	13.05	154	Pc	40 52.50	-1.6
	2.0s	40.00nm			5.2mb
Z	20s	5.80um			
N	10s	1.90um			
E	10s	3.50um			
		pP	40 58.00		
		eS	43 22.00		
KKN	13.22	229	P	40 55.18	-1.2
PKI	13.30	228	P	40 56.70	-0.9
DMN	13.46	229	P	40 58.44	-1.1
	0.9s	57.00nm			5.5mb

GKN	13.46	231 P	40 58.10	-1.4	YAK	32.36	29 eP	44 15.00	-1.8	LFF	68.56	311 eP	48 50.60	0.4
GYA	13.65	138 iPc	41 01.40	-0.6	YSS	35.29	59 eP	44 48.00	5.6X		0.6s	8.50nm		5.1mb
	1.0s	65.00nm		5.5mb		Z 14s	0.50um		4.4MsZx	KLU	69.59	27 eP	48 56.10	-0.3
Z	14s	1.49um		6.8MsZx		N 14s	0.50um			ASPA	69.94	144 eP	48 59.30	0.4
N	12s	1.78um			TIK	38.44	16 eP	45 08.00	-0.5		0.7s	13.70nm		5.2mb
E	12s	1.98um				0.7s	9.00nm		4.6mb X	YKA	77.68	14 eP	49 42.50	-0.8
		S	43 31.00				e	46 34.00	462kmX		0.5s	1.70nm		4.3mb X
ZAK	14.19	18 iPc	41 09.60	0.9	MGD	41.14	38 eP	45 30.00	-1.0	BCAO	77.72	266 ePd	49 44.60	0.2
	1.8s	58.00nm		5.0mb			e	45 36.00	20km		0.5s	20.00nm		5.4mb
		eS	43 36.00		MOS	43.21	315 eP	45 48.00	0.0			ic	49 49.00	14km
UER	14.60	354 eP	41 14.00	-0.2			e	45 53.00	17km	RMQ	80.07	134 eP	49 58.70	1.9
	2.0s	120.00nm		5.1mb			e	47 37.00			1.0s	34.00nm		5.3mb
BJI	15.69	73 eP	41 30.50	2.1	OBN	43.80	314 eP	45 54.00	1.2	STKA	80.51	142 iPd	49 59.40	0.4
	0.8s	15.00nm		4.2mb		1.1s	39.00nm		5.1mb	AIA	149.57	196 e(PKP)	57 44.00	13.3X
Z	14s	2.35um		4.6MsZx	PUL	47.07	321 (P)	46 26.00	7.2X	SIV	151.09	311 ePKP	57 45.00	10.5X
N	12s	2.74um			KAS	47.85	296 eP	46 28.00	2.7	ZOBO	155.22	323 ePKP	57 47.00	6.0X
		pP	41 35.00		KAF	48.92	324 eP	46 33.70	0.6	LPB	155.42	322 PKP	57 48.00	7.0X
IRK	16.18	17 ePc	41 35.70	1.1		0.8s	14.30nm		5.1mb	S.D. = 1.1 on 81 of 104 obs.				
	1.4s	29.00nm		4.2mb	NUR	49.84	322 eP	46 41.20	0.9	DEC 20, 1992 20h 52m 47.28± 0.08s				
WHN	16.20	108 Pc	41 33.50	-1.5		0.9s	15.40nm		5.0mb	6.582 S ± 2.6km 130.393 E ± 2.6km				
	1.0s	18.00nm		4.2mb	MLR	52.12	303 eP	47 03.00	5.0X	DEPTH = 77.7km (geophysicist)				
Z	12s	2.41um		4.6MsZx	UZH	53.58	308 eP	47 10.00	1.4	6.6mb (84 obs.)				
E	10s	2.04um			SPC	54.71	309 eP	47 23.00	5.8X	BANDA SEA (280)				
KSH	16.28	285 P	41 34.20	-2.0	HFS	55.26	323 eP	47 20.70	-0.1	Ms 7.0 (BRK). Mo=1.3*10**20 Nm				
	Z 16s	3.57um				0.4s	2.70nm		4.6mb X	(PPT). Felt in parts of northern				
	N 10s	2.24um			SRO	56.37	308 eP	47 34.50	5.6X	Australia. Two events about 5.3				
		sP	41 45.00		NAO	56.44	324 P	47 28.90	-0.4	seconds apart. Depth from				
TIA	16.59	87 eP	41 38.10	-1.9		0.7s	4.60nm		4.6mb X	broadband displacement				
	1.0s	380.00nm		5.5mb	KSP	56.60	312 eP	47 32.20	1.6	seismograms, based on first				
Z	14s	1.55um		6.4MsZx	ZST	57.00	308 eP	47 37.80	4.4X	event.				
N	12s	1.47um			PRU	57.95	311 Pc							

20d 20h

NINI	10.80	281	P	55	25.70	4.3X	SVO	29.25	97	eP	58	45.00	0.7	S	07	28.00				
YOMI	10.86	69	P	55	25.70	-4.4X	ADE	29.27	166	iPd	58	44.20	-0.1	XAN	45.23	335	iPc	00	57.50	-1.1
MKS	10.95	277	ePc	55	27.50	4.3X	HNR	29.40	97	eP	58	44.00	-1.6		1.4s	590.00nm			6.2mb	
			iS	56	27.50		BRS	29.67	137	iPd	58	44.00	-4.0X	Z	22s	60.70um			6.5Msz	
JAY	11.04	69	P	55	20.80	-3.7X		0.5s	50.00nm				5.5mb X	N	16s	67.00um				
TANI	11.40	285	P	55	33.00	3.7X	KLM	30.27	288	ePd	58	53.20	-0.1	E	16s	49.50um				
PCI	11.94	298	ePc	55	45.20	8.8X	ARMA	30.99	143	eP	58	59.90	0.3			sP	01	14.00		
	1.8s	39.00nm				5.0mb X	IPM	31.34	290	ePc	59	01.60	-1.2			PcP	02	36.00		
WWKK	13.50	78	eP	55	57.40	0.4		1.0s	207.10nm				5.8mb	DL2	45.98	350	iPc	01	04.00	-0.4
WRA	13.83	164	eP	55	53.50	-7.7X	BWA	32.33	151	eP	59	23.10	94kmX		1.4s	2460.00nm			6.9mb	
WRA	13.83	164	P	56	06.20	5.0X	BFD	32.41	162	eP	59	12.30	1.1	Z	25s	77.80um			6.6MszX	
	0.8s	63.10nm				5.1mb X	QIZ	32.52	322	P	59	12.60	-0.4	N	16s	55.40um				
WB2	13.83	164	eP	55	54.00	-7.2X		1.3s	770.00nm				6.4mb	E	18s	142.00um				
	0.7s	676.40nm				6.1mb		E	15s	150.00um						sP	01	18.00		
KEDI	14.27	263	P	56	07.80	0.8				S	04	30.00		TIY	47.14	341	iPc	01	13.00	-0.8
DAV	14.40	340	ePc	56	09.20	0.5	HKC	32.81	331	iP	59	14.40	-1.0		1.2s	1200.00nm			6.7mb	
KHKI	14.77	262	eP	56	13.40	0.0	MCO	32.95	330	eP	59	16.10	-0.6	Z	18s	109.00um			6.9Msz	
			e(S)	59	04.10		RIV	33.24	147	eP	59	21.00	1.9	N	15s	52.20um				
CTB	15.02	336	ePc	56	16.00	-0.6				eS	04	36.00				sP	01	32.00		
8IP	15.28	344	ePc	56	25.00	5.1X	CAN	33.33	152	eP	59	19.90	0.0			S	07	59.00		
			iS	57	38.00		QZH	33.37	340	iPc	59	19.50	-0.8	VUN	48.18	108	iPd	01	22.00	-0.1
MDG	15.36	86	eP	56	19.50	-1.5		0.8s	760.00nm				6.6mb	BJI	48.21	345	eP	01	21.00	-0.9
YYYY	15.48	90	eP	56	22.70	0.0	Z	20s	164.00um				6.7Msz		1.5s	1440.00nm			6.7mb	
SRDI	16.22	262	P	56	30.00	-1.9				sP	59	38.00		N	18s	68.70um				
QIS	16.52	148	eP	56	30.90	-4.7X	CNB	33.50	151	iPd	59	22.00	0.6	MBU	48.31	107	eP	01	23.00	-0.1
TSM	16.52	311	ePd	56	37.90	2.3	GZH	33.87	331	iPc	59	24.40	-0.2	SNY	48.58	353	iPc	01	23.00	-1.7
	1.0s	1006.90nm				6.0mb	Z	20s	51.70um				6.3Msz		1.4s	600.00nm			6.4mb	
			e	57	15.00		N	15s	66.30um						N	18s	47.60um			
PMG	16.84	101	eP	56	37.00	-2.6	E	12s	32.50um						E	19s	70.30um			
ASPA	17.32	169	eP	56	40.00	-5.6X	NNT	35.93	302	eP	59	42.00	-0.3			pP	01	30.00	23kmX	
			eS	59	40.30		LOE	37.01	310	eP	59	51.90	0.5			sP	01	39.00		
FINC	17.35	91	eP	56	47.70	1.8	BSI	37.03	288	eP	59	51.00	-0.5	LZH	49.22	331	Pc	01	30.00	0.0
			eS	57	12.00		NST	37.24	307	eP	00	00.50	7.2X		1.8s	3000.00nm			7.0mb	
TRT	17.66	265	ePd	56	50.50	0.8	DZM	38.04	118	iPc	00	00.20	0.1	E	15s	72.10um				
			eS	59	52.30		SSE	38.48	347	Pc	00	03.50	0.0			sP	01	45.00		
MBL	17.73	214	iPd	56	35.10	-15.5X		1.5s	1060.00nm				6.5mb	ERM	49.75	12	iPc	01	33.89	0.2
PLP	18.43	343	ePc	57	00.50	1.3	N	18s	55.00um							ec	01	37.37	12kmX	
			iS	57	18.50		E	16s	139.00um								01	37.30	-0.4	
KKM	18.91	311	ePc	57	04.50	-0.3				pP	00	09.00	19kmX	HHC	50.27	144	Pc	01	37.60	-0.3
			e	58	24.00		BKM	38.53	110	iPd	00	09.00	4.8X		1.2s	810.00nm			6.6mb	
WARB	19.82	190	iPd	57	13.30	-1.1	PVC	38.61	110	iPc	00	09.50	4.7X		Z	20s	74.20um			6.7Msz
CTA	20.43	133	iPc	57	20.00	-0.7	M00	38.69	160	eP	00	07.00	1.9		N	14s	13.00um			
	2.0s	691.18nm				5.6mb	BDT	39.02	308	iPc	00	07.80	-0.4		E	15s	39.40um			
CTAO	20.43	133	ePc	57	21.40	0.7		1.1s	84.00nm				5.6mb X	CN2	50.35	355	Pc	01	36.70	-1.5
			ec	57	23.39	7kmX		39.96	345	iPc	00	16.50	0.7		0.8s	460.00nm			6.6mb	
NANU	21.40	221	iPd	57	40.80	10.4X	NJ2	1.1s	310.00nm				6.1mb	Z	20s	116.00um			6.9Msz	
RAB	21.80	85	iP-	57	36.50	2.0		N	15s	62.10um				N	18s	34.80um				
			iS	58	48.00			E	13s	29.60um				E	18s	38.90um				
PGP	22.04	335	eP	57	38.00	1.1	CHG	39.97	310	iPc	00	16.30	0.2			esP	01	57.20		
MEEK	22.88	208	iPc	57	45.10	0.0		0.9s	126.05nm				5.8mb	SAP	50.39	10	eP	01	38.00	-0.6
QVP	23.03	336	ePd	57	48.00	1.5			eS	06	10.40					eS	08	44.00		
PACI	23.33	269	P	57	48.60	-1.0	CHTO	39.97	310	iPc	00	17.09	1.0	BTO	50.55	340	iPd	01	39.00	-1.0
KALI	23.57	267	P	57	53.20	1.3			e	00	22.55				1.6s	700.00nm			6.4mb	
QLP	23.86	148	iPd	57	54.10	-0.5			ipPc	00	36.62	81kmX		N	14s	37.90um				
FORT	24.17	185	eP	57	57.30	-0.2	WHN	39.99	338	Pc	00	16.50	0.5	E	12s	32.40um				
			i	57	58.20	3kmX	Z	20s	116.00um				6.7Msz			sP	01	58.00		
GUA	24.65	36	eP	58	00.60	-1.6	E	11s	42.50um							PP	03	31.00		
	0.8s	1223.88nm				6.4mb			iS	06	16.00					sS	09	05.00		
			e	58	02.00	5kmX	GYA	40.10	326	iPc	00	17.00	-0.2	ORZ	50.71	139	eP	01	41.00	-0.1
GUMQ	24.66	36	P	58	02.00	-0.3		1.0s	900.00nm				6.6mb		0.8s	1070.00nm			6.9mb	
PJG	24.66	36	eP	58	00.60	-1.7	Z	24s	78.80um				6.5MszX	DSZ	50.72	140	eP	01	41.50	0.3
			e	58	19.80	86kmX	N	15s	93.80um						0.8s	773.00nm			6.8mb	
BCP	24.82	337	eP	58	04.20	0.5	E	15s	96.10um					BCZ	50.85	147	eP	01	41.20	-0.8
BAG	24.82	337	ePc+	58	03.20	-0.8			S	06	16.00				0.6s	416.00nm			6.6mb	
PENI	25.10	271	P	58	05.80	-0.7	SHK	40.95	3	ePc	00	23.90	0.1	MMCZ	50.95	145	eP	01	41.50	-1.5
COOL	25.69	199	iPc	58	11.40	-0.4	KMI	41.44	321	iPc	00	29.00	0.7	MDJ	50.97	359	Pc	01	42.20	-0.7
MRWA	26.30	209	iPc	58	17.20	-0.2	Z	22s	258.00um				7.1Msz		1.2s	410.00nm			6.3mb	
PIP	26.56	339	ePc	58	17.50	-2.4	E	19s	223.00um					Z	31s	145.00um			6.8MszX	
BAL	27.13	207	eP	58	25.00	-0.1			PP	02	14.00			N	20s	62.90um				
STKA	27.26	159	iPc	58	24.90	-1.2			S	06	38.00			E	18s	71.60um				
			iS	03	06.80		MAJO	43.52	9	iPc	00	43.50	-1.3			S	08	52.00		
STK	27.26	159	iPc	58	24.80	-1.4			e	00	48.80			TLC	51.03	145	P	01	42.70	-0.9
			i	58	45.30	91kmX			ipPc	01	03.37	82kmX		MHZ	51.07	145	eP	01	42.70	-1.2
KLB	27.54	204	eP	58	28.70	-0.1	MAT	43.52	9	iPc	00	42.80	-2.0	EWZ	51.09	143	eP	01	44.10	0.2
			epPP	58	00.80			1.0s	240.00nm				6.0mb		0.7s	575.00nm			6.7mb	
			eS	03	46.00				eS	06	48.00			BWZ	51.10	144	eP	01	42.50	-1.5
BBP	28.15	343	ePc	58	30.30	-3.9X	SEO	44.03	356	P	00	50.00	1.1	SBCZ	51.10	145	P	01	43.40	-0.7
KGM	28.34	287	ePc	58	36.20	0.1	TIA	44.35	345	Pc	00	51.30	-0.3	LRCZ	51.11	145	eP	01	42.70	-1.6
	1.3s	737.10nm				6.2mb		1.6s	700.00nm				6.2mb	MSCZ	51.16	145	eP	01	43.00	-1.5
			i	58	54.20	78kmX	E	17s	126.00um					THZ	51.43	140	P	01	45.60	-1.1
			i	59	54.00				S	07	18.00				0.6s	115.00nm			6.1mb	
MUN	28.53	206	iPc	58	33.20	-4.4X	CD2	45.16	327	iPc	00	57.70	-0.5	LTX	51.56	141	P	01		

	0.5s	110.00nm		6.1mb				e	05 22.00		KKH	76.91	68 eP	04 33.85	0.6	
BSZ	51.82	137 eP	01 49.70	0.2				iS	11 21.00		BRVK	77.99	328 iPc	04 37.00	-1.6	
ODZ	51.84	144 eP	01 49.00	-0.6				eS	12 44.00			1.6s	2625.00nm		6.9mb	
	0.7s	196.00nm		6.2mb	WMQ	63.26	327 iPc	03 09.50	-0.5			eS	14 44.00			
TCW	52.05	138 P	01 49.30	-1.9		2.0s	780.00nm		6.4mb		TIK	78.06	360 iPc+	04 38.00	-0.5	
LSA	52.17	316 iPd	01 53.00	0.1		Z 28s	40.30um		6.4MszX			1.6s	2260.00nm		6.8mb	
	0.8s	69.00nm		5.7mb		N 16s	51.20um				Z 19s	100.00um			7.2Msz	
	Z 25s	101.00um		6.8MszX		E 15s	41.20um					e	04 51.00		44kmX	
	N 19s	99.40um					PcP	03 48.00				i	07 30.00			
	E 19s	80.40um					ScP	07 43.00				iPPP	09 24.00			
KHZ	52.17	140 eP	01 50.50	-1.6			PcS	07 49.00				iS	14 27.00			
	0.7s	386.00nm		6.5mb			S	11 36.00				i	14 40.00			
MQZ	52.29	142 eP	01 51.70	-1.3			sS	11 55.70				iPS	15 16.00			
	0.7s	269.00nm		6.4mb			ScS	12 54.00			AFR	78.38	107 eP	04 43.00	1.6	
KIW	52.30	138 eP	01 51.00	-1.4			SS	15 46.00				1.2s	2713.40nm		7.0mb	
MRW	52.34	138 eP	01 51.40	-2.1	PET	64.02	19 iP+	03 14.00	-0.7		PAE	78.56	107 eP	04 44.10	1.7	
MNG	52.57	137 P	01 53.10	-2.1		1.2s	2600.00nm		7.0mb			1.3s	3153.90nm		7.1mb	
URZ	52.67	134 eP	01 55.20	-0.7		Z 22s	44.70um		6.6Msz		PPT	78.57	107 eP	04 44.30	1.8	
WAHZ	52.75	136 eP	01 54.80	-1.8		N 22s	32.40um					1.2s	2703.90nm		7.0mb	
MCO	53.02	160 eP	01 59.30	1.1		E 22s	32.50um				Z 27s	*****um			9.0MszX	
		i	02 22.80	96kmX			eS	11 43.00			PPN	78.71	107 eP	04 45.00	1.8	
HBZ	53.26	133 eP	01 59.20	-1.0		BOD	65.55	351 iPc	03 23.90	-0.6		1.5s	3660.40nm		7.1mb	
PUZ	53.42	133 eP	02 00.20	-1.2			1.3s	2140.00nm		6.9mb		MAIO	78.72	309 iPc	04 43.20	0.1
NOZ	53.48	134 eP	02 01.60	-0.2		UER	65.75	336 eP	03 25.00	-0.8		0.7s	95.30nm		5.8mb	
GTA	53.80	331 Pc	02 04.00	-0.3			1.5s	1100.00nm		6.6mb			eS	14 51.00		
	1.5s	630.00nm		6.4mb		PRZ	67.92	321 iPd-	03 42.00	2.0		TVO	78.86	107 eP	04 46.10	2.0
	Z 22s	123.00um		6.9Msz			1.0s	1700.00nm		6.9mb		ASH	1.6s	7263.60nm		7.3mb
	E 18s	70.50um						epP	04 00.00	67kmX	Z 20s	47.50um			6.8Msz	
		pP	02 16.00	42kmX				eS	12 36.00			i	04 59.00		22kmX	
		sP	02 23.00					eS	13 29.00			i	07 50.00			
		PP	04 06.00					eS	16 58.00			iPPP	09 50.00			
		S	09 29.00			KSH	67.94	317 Pc	03 41.50	1.3		iS	14 54.00			
		sS	09 48.00				1.4s	4500.00nm		7.2mb		i	15 04.00			

TIM	108.05	316	iPdfff07	01.00	0.0
SPC	108.09	320	ePdfff07	01.70	0.3
			e	10 09.80	
			i	11 09.50	
			i	11 28.70	
AGG	108.14	309	ePdfff07	05.22	3.5X
OJC	108.16	321	ePdfff07	01.50	0.0
Z 21s			26.00um		6.8Msz
N 21s			51.10um		
E 21s			44.60um		
			e	10 27.00	
			e	11 15.50	
			i	11 35.00	
			i	14 35.00	
			i	17 32.60	
ARN	108.33	53 (PKP)	i	10 22.22	1.5
EPH	108.34	42	Pdiff 07	03.23	0.9
MDW	108.36	43	Pdiff 07	05.46	3.0X
KZN	108.42	310	ePdfff07	08.50	5.5X
SKO	108.45	312	iPdfff07	01.90	-1.1
			i	07 20.10	
			i	07 21.50	
			i	10 26.00	
SKO	108.45	312	iPKP	11 11.70	3.0X
1.9s			650.00nm		
			i	11 36.70	
			i	11 46.60	
			i	12 17.50	
WAH2	108.47	43	Pdiff 07	04.73	1.8
PSZ	108.56	318	iPdfff06	59.80	-3.6X
CRF	108.58	43	Pdiff 07	05.17	1.8
WIN	108.64	244	ePdfff07	05.60	1.1X
Z 22s			91.11um		7.3Msz
WIW	108.71	43	PKP	11 09.15	0.1
HFS	108.78	332	ePdfff07	01.80	-2.2
0.4s			4.50nm		6.0mb
Z 19s			*****um		10.0MszX
			LR	50 55.00	
HFS	108.78	332	ePKP	11 07.40	-1.4
0.9s			66.00nm		
OHR	109.05	311	iPdfff07	03.50	-2.2
1.2s			62.00nm		
			e	10 43.70	
OHR	109.05	311	iPKP	10 57.80	-12.2X
1.6s			264.00nm		
			i	11 30.20	
CMB	109.16	52	PKP	11 20.00	9.7X
Z 21s			45.29um		7.0Msz
CMB	109.16	52	(Pdfff07	07.60	1.3
			epPc	07 27.79	
DPW	109.17	42	ePdfff07	06.10	0.0
BUD	109.22	318	ePdfff07	05.00	-1.2
PKEM	109.60	54	(PKP)	11 11.45	0.4
SRO	109.62	318	ePdfff07	07.20	-0.8
			i	07 28.20	
			i	11 09.80	
			i	11 30.70	
NEW	109.79	41	Pdiff 07	09.00	0.2
NAO	109.84	333	Pdiff 07	07.50	-1.2
0.8s			14.30nm		
NAO	109.84	333	Pdiff 07	27.70	19.0X
1.3s			199.50nm		
SBC	110.09	56	ePdfff07	12.22	1.8
			epPc	07 32.08	
KSP	110.20	322	ePdfff07	10.80	0.3
			i	07 31.40	
			i	11 01.50	
			i	11 15.20	
			i	12 10.80	
ZST	110.33	319	ePdfff07	13.30	2.2
			e	07 31.00	
			e	10 54.90	
			i	11 15.10	
			i	11 32.60	
			i	11 49.70	
			i	12 09.50	
MTUM	110.68	53	ePKP	11 14.77	1.4
MRCM	110.68	52	ePKP	11 14.18	0.8
KVN	110.80	51	ePKP	11 15.03	1.5
BONR	110.80	52	ePKP	11 11.71	-2.0
VKA	110.82	319	ePdfff07	18.00	4.6X
VKA	110.82	319	iPKP	11 17.30	4.3X
7.0s			*****nm		
Z 17s			26.00um		6.9MszX
			i	11 33.90	
			iPP	11 53.90	
			i	12 13.90	
			PP	11	

20d 21h

SAL	115.37	318	PKP	11	18.72	-3.1X	Z	18s	49.83um	7.2Msz	Z	20s	7.34um	6.3Msz						
FIR	115.40	316	ePdiff	107	36.00	2.2			SP	22	19.20		PP	13	02.55					
FIR	115.40	316	ePKP	11	22.00	0.1	FCC	117.81	24	ePKPc	11	28.00	2.0	SP	22	49.14				
WTS	115.42	325	ePdiff	107	37.00	3.3X			pP	11	48.50		ANMO	120.75	53 (Pdiff	108	05.37	7.3X		
	1.3s	29.00nm												epP	08	26.56				
WTS	115.42	325	ePKP	11	22.00	0.3	PV10	117.87	50	Pdiff	07	51.00	5.7X	HTR	120.86	329	ePKP	11	31.80	-0.2
	0.8s	95.00nm					PV10	117.87	50	ePKP	11	27.72	0.5	YRC	120.86	330	ePKP	11	31.80	-0.1
MSU	115.45	50	(Pdiff	107	20.46	-14.0X	SAOF	117.88	317	PKP	11	26.42	-0.3	LDF	120.91	324	ePKP	11	31.60	-0.6
MSU	115.45	50	Pdiff	07	36.00	1.5	LPG	117.91	319	ePKP	11	26.40	-0.7		1.7s	894.05nm				
MSU	115.45	50	ePKP	11	23.44	0.9	LPL	117.91	319	ePKP	11	26.10	-0.9	HCG	120.92	329	ePKP	11	31.90	-0.3
BNS	115.62	324	iPKPc	11	22.30	0.2	DOI	117.92	317	PKP	11	24.60	-2.2	LSF	120.97	321	ePKP	11	31.60	-0.9
	Z	18s	81.50um			7.4Msz	RSL	117.92	319	PKP	11	25.92	-1.0	FLN	121.04	324	ePKP	11	31.80	-0.7
MME	115.66	316	PKP	11	21.90	-0.9	AUTN	117.97	317	PKP	11	26.90	-0.2		Z	21s	61.00um			7.2Msz
DAU	115.71	48	Pdiff	07	46.60	10.9X	SBF	118.01	317	PKP	11	26.81	-0.2	YR	121.12	330	ePKP	11	32.00	-0.5
DAU	115.71	48	ePKP	11	23.21	0.1	AURF	118.07	317	PKP	11	26.94	-0.2	CAF	121.19	319	ePKP	11	32.70	-0.3
CVT	115.75	309	PKP	11	24.40	1.6	TOUF	118.08	317	PKP	11	27.03	-0.3		1.4s	503.60nm				
BDI	115.77	316	PKP	11	20.70	-2.1	REV	118.09	316	PKP	11	26.68	-0.5	RJF	121.38	320	ePKP	11	33.00	-0.3
VDL	115.79	319	ePKPc	11	22.30	-0.6	PV08	118.12	50	ePKP	11	28.08	0.3		1.5s	641.40nm				
ERC	115.84	309	PKP	11	22.92	-0.1	MVIF	118.19	317	PKP	11	27.05	-0.4	GRR	121.44	324	ePKP	11	32.80	-0.4
PII	115.92	316	PKP	11	21.30	-1.6	SURF	118.22	317	PKP	11	26.78	-0.8		1.5s	770.95nm				
LLS	115.97	319	iPKPd	11	22.50	-0.7	EDU	118.22	333	ePKP	11	26.50	-0.4	DMU	121.59	332	ePKP	11	33.10	-0.3
LANF	115.99	322	PKP	11	22.84	-0.1	ESY	118.40	332	ePKP	11	26.90	-0.3		0.8s	284.00nm				
SLE	115.99	320	ePKPd	11	22.30	-0.7		0.6s	295.00nm					DMU	121.59	332	ePKP	11	53.90	20.5X
LVI	116.04	309	PKP	11	23.10	-0.2	CALN	118.42	317	PKP	11	27.74	-0.1		0.8s	371.00nm				
ZLA	116.15	320	ePKPd	11	23.00	-0.3	ELO	118.58	333	ePKP	11	27.20	-0.4	PERF	121.61	316	PKP	11	33.00	-0.8
STR	116.16	321	PKP	11	22.80	-0.4	EBH	118.62	333	ePKP	11	27.40	-0.3	ETER	121.70	316	ePKP	11	34.22	0.3
EMUT	116.18	49	ePKP	11	23.62	-0.3		1.0s	247.00nm					LPF	121.71	324	ePKP	11	33.30	-0.5
FEL	116.26	321	PKP	11	22.95	-0.7	FRF	118.65	316	ePKP	11	27.20	-0.9		1.1s	537.25nm				
DBN	116.30	326	ePdiff	107	42.00	4.5X		1.6s	753.75nm					DLF	121.78	331	ePKP	11	33.30	-0.4
DBN	116.30	326	ePKP	11	25.00	1.7	EDI	118.66	332	ePKP	11	27.50	-0.2		0.9s	240.00nm				
	Z	20s	30.90um			6.9Msz	EBL	118.68	332	ePKP	11	27.60	-0.2	DLF	121.78	331	ePKP	11	54.20	20.5X
			ePP	12	30.00		LMR	118.82	316	ePKP	11	27.50	-0.9	MFF	121.85	322	ePKP	11	33.40	-0.7
			ePKKP	22	00.00			1.6s	472.65nm						0.9s	403.60nm				
			e	30	10.00		EAU	118.83	332	ePKP	11	28.00	-0.1	LPO	121.86	319	ePKP	11	34.00	-0.2
TMA	116.31	319	iPKPd	11	23.00	-0.8		0.9s	287.00nm						1.6s	880.60nm				
BW06	116.32	45	Pdiff	07	43.90	5.6X	LRG	118.88	316	ePKP	11	27.90	-0.6	ULM	121.88	33	ePKP	11	36.00	2.0
BW06	116.32	45	ePKP	11	23.04	-1.0		1.1s	361.40nm						pP	11	56.50			
BOB	116.35	317	PKP	11	23.20	-0.6		Z	22s	39.00um				ETA	121.99	330	ePKP	11	34.20	0.1
LIBD	116.42	321	PKP	11	23.03	-0.7	ESK	119.02	332	ePKP	11	28.63	0.2	ETA	121.99	330	ePKP	11	54.50	20.4X
ENN	116.42	324	ePKP	11	24.00	0.4	EAB	119.03	333	ePKP	11	28.20	-0.2	LFF	122.03	320	ePKP	11	34.30	-0.2
	0.7s	150.00nm					LOR	119.09	321	ePKP	11	28.00	-0.9		1.1s	311.60nm				
			e	11	44.00			1.3s	355.25nm					LSPF	122.09	317	PKP	11	34.56	-0.2
			ePP	12	37.00			Z	25s	33.00um				DCN	122.11	332	ePKP	11	34.00	-0.3
			e	12	53.00		LBF	119.13	321	ePKP	11	28.10	-0.9		1.0s	336.00nm				
			ePKKP	21	58.00			1.2s	311.80nm					DCN	122.11	332	ePKP	11	54.90	20.6X
VAI	116.45	318	PKP	11	23.00	-0.8	CDR	119.21	317	ePKPc	11	28.70	-0.5		0.9s	336.00nm				
CDF	116.52	321	PKP	11	23.38	-0.7			e	11	49.80			ECP	122.37	330	ePKP	11	34.70	-0.2
PTS	116.56	308	PKP	11	25.80	1.4			e	12	52.50			ECP	122.37	330	ePKP	11	55.00	20.1X
SRU	116.57	49	(Pdiff	107	36.59	-2.8	REY	119.22	346	iPKP	11	31.10	2.6		1.1s	682.00nm				
SRU	116.57	49	Pdiff	07	45.80	6.4X	SMF	119.35	321	ePKP	11	28.50	-0.9	ECB	122.46	330	ePKP	11	35.10	0.1
SRU	116.57	49	ePKP	11	24.73	0.1		1.6s	527.35nm				ECB	122.46	330	ePKP	11	55.30	20.3X	
ECH	116.67	321	PKP	11	23.57	-0.7	SSF	119.39	321	ePKP	11	28.80	-0.6		1.2s	442.00nm				
BBS	116.72	320	PKP	11	23.74	-0.7		1.0s	380.80nm				PAND	122.50	317	PKP	11	35.55	-0.2	
WLF	116.73	323	Pdiff	07	45.00	5.5X	SSB	119.44	319	PKP	11	28.89	-0.7	ESEL	122.59	313	iPKPd	11	36.26	0.5
WLF	116.73	323	iPKPd	11	26.00	1.8	AVF	119.60	321	ePKP	11	28.80	-1.0	CME	122.92	328	ePKP	11	40.80	4.8X
			e	11	46.00			0.9s	165.75nm				MZX	123.02	67	(PKP)	11	38.00	1.0	
			PKKP	21	58.00		RSSD	119.68	42	ePKP	11	29.25	-1.1	EPF	123.11	318	ePKP	11	36.10	-0.6
MOF	116.82	321	PKP	11	23.94	-0.7		Z	20s	41.17um					1.4s	449.60nm				
MMK	116.92	319	iPKPc	11	24.90	-0.2			PP	13	20.03		CPZ	123.14	328	ePKP	11	40.00	3.6X	
AKU	117.02	346	iPKP	11	25.40	1.1			PKKP	22	40.03		ESCF	123.69	318	PKP	11	36.37	-1.5	
	1.2s	393.75nm						SS	29	17.16		ATE	123.77	318	PKP	11	36.58	-1.4		
BSF	117.04	321	PKP	11	24.51	-0.6	PLDF	119.76	320	PKP	11	30.37	0.1	MADF	123.83	318	PKP	11	37.24	-0.9
ORO	117.05	318	PKP	11	24.60	-0.6	BGF	120.01	321	ePKP	11	30.10	-0.5	EGRA	123.90	317	ePKP	11	37.42	-0.8
LOMF	117.19	320	PKP	11	24.96	-0.4		0.9s	462.55nm				EROQ	123.96	315	iPKPc	11	37.70	-0.7	
CKI	117.25	317	PKP	11	24.40	-1.0	AGO	120.04	320	PKP	11	30.73	0.0	VAL	124.40	332	iPKP	11	39.80	1.0
HAU	117.25	321	ePKP	11	24.40	-1.0	PYM	120.24	320	PKP	11	31.46	0.3		1.1s	2.90nm				
	1.2s	379.65nm					GOL	120.24	48	ePKPc	11	31.91	0.3	ECRI	125.18	319	iPKPc	11	41.31	0.5
	Z	21s	48.00um			7.1Msz		Z	18s	5.58um			ECHE	125.42	315	iPKPc	11	41.10	-0.2	
DIX	117.27	319	iPKPd	11	26.20	0.4			SP	22	40.05		ETOR	125.66	316	iPKPc	11	42.40	0.5	
UCC	117.31	325	PKP	11	25.00	-0.3	LBL	120.30	319	PKP	11	31.63	0.3	CGX	126.18	70	(PKP)	11	47.50	3.9X
			e	11	46.00		MAF	120.33	321	ePKP	11	30.60	-0.7	EALH	126.43	313	iPKP	11	44.04	0.7
			PP	12	39.00			1.1s	169.95nm				EVIA	126.90	314	ePKP	11	44.73	0.4	
PGF	117.33	315	PKP	11	24.95	-0.9	GLD	120.34	47	ePKP	11	31.38	-0.3	MEO	126.97	51	iPdiff	108	35.90	10.3X
VITF	117.39	322	PKP	11	25.34	-0.3		Z	18s	52.69um			AGX	126.98	68	(PKP)	11	48.00	3.3X	
SNF	117.48	324	iPKPd	11	25.70	0.1			e	13	27.44		GUD	127.17	317	ePKP	11	39.11	-5.7X	
			i	11	46.18				SP	22	47.87		EHUE	127.30	313	iPKPc	11	43.51	-1.6	
			e	12	14.70		WIM	120.39	331											

ECOG	128.23	313	iPKPc	11	46.43	-0.5	MIM	137.94	21	PKP	11	59.31	-5.6X	FDF	166.07	54	ePKP	12	47.08	2.0
ERUA	128.27	320	iPKPc	11	47.03	0.4	LPA	137.99	170	ePKP+	11	52.00	-13.3X	BIM	166.25	54	ePKP	12	47.50	2.3
MRX	128.30	70	(PKP)	11	49.00	1.7		1.0s	704.00nm				MVM	166.37	54	ePKP	12	48.40	3.1X	
SIO	128.35	49	ePKP	11	47.70	0.7	Z	20s	117.73um			7.6msz	TCE	167.32	70	ePKP	12	48.48	2.4	
EGUA	128.41	313	iPKPc	11	46.80	-0.3			ePP	14	48.00		TRN	167.66	70	ePKP	12	47.10	0.8	
ELUQ	128.61	314	iPKPc	11	46.98	-0.5	CFA	138.06	156	e(PKP)	11	56.20	-9.4X	TPP	167.71	72	ePKP	12	48.25	1.9
TUL	128.67	49	Pdiff	08	34.00	0.9	RTLL	138.21	155	ePKPd	11	57.30	-8.6X	TBH	168.02	70	ePKP	12	47.73	1.2
TUL	128.67	49	ePKPc	11	48.00	0.4	NAV	138.28	38	ePKP	11	53.42	-12.4X	S.D. = 1.2 on 602 of 784 obs.						
	1.8s	1688.00nm					MRA	138.30	159	e(PKP)	11	56.00	-9.9X							
LNO	128.67	49	ePKP	11	47.80	0.3	BLA	138.57	38	ePKP	11	56.05	-10.3X	& DEC 20, 1992 21h 05m 21.20s						
LNO2	128.67	49	ePKP	11	48.00	0.5	BLA	138.57	38	ePKP	12	06.75	0.4	37.745 N 122.143 W						
		e		12	07.50		LMN	138.72	16	ePKP	12	02.50	-3.8X	DEPTH = 3.0km						
LNO3	128.67	49	ePKP	11	48.00	0.4	LVNJ	139.18	30	ePKP	11	58.24	-9.0X	CENTRAL CALIFORNIA (39)						
EPLA	128.74	317	iPKPc	11	48.80	1.1	TBR	139.18	29	ePKP	11	56.85	-10.4X	<BRK>. ML 3.7 (BRK), 3.7 (GS).						
STS	128.89	322	iPKPd	11	49.04	1.2	TBR	139.18	29	ePKP	12	06.88	-0.4	This earthquake was felt						
VVO	128.94	49	ePKP	11	48.70	0.6	PRM	139.20	43	ePKP	11	57.57	-10.0X	throughout much of the San						
RLO	129.14	48	ePKP	11	48.00	-0.5	CVL	139.24	36	ePKP	11	58.65	-8.8X	Francisco Bay area and caused						
EHOR	129.20	314	iPKPd	11	49.80	1.3	HRV	139.29	25	ePKP	11	59.93	-7.5X	minor damage in the area near						
EZAM	129.38	321	ePKP	11	50.20	1.4	HRV	139.29	25	ePKP	12	07.82	0.4	the epicenter. Felt (V) at San						
EPRU	129.56	313	iPKPd	11	50.17	0.8	Z	19s	32.20um			7.1msz	Lorenzo; (IV) at Dublin,							
ACX	129.87	74	(PKP)	11	53.50	3.1X			e	15	11.81		Fremont, Millbrae and Oakland;							
EJIF	129.96	313	iPKPd	11	50.42	0.4			SS	33	53.32		(III) at Canyon and San Mateo.							
ALJ	129.96	313	iPKP	11	52.00	1.8	PNJ	139.40	29	e(PKP)	11	59.40	-8.2X	BKS	0.15	331	iPd	05	24.21	0.0
GIBL	130.14	314	iPKP	11	53.00	2.6	PNJ	139.40	29	PKP	12	03.96	-3.7X			iS	05	27.00		
OJEN	130.16	313	iPKP	11	52.00	1.5			i	12	07.36		ZSP	0.22	336	iPd	05	25.96	0.4	
UNM	130.23	70	(PKP)	11	49.00	-2.4			pPKP	12	12.17		PCC	0.31	218	iPd	05	27.51	0.1	
PLAT	130.31	313	iPKP	11	51.00	0.2	GMTN	139.40	29	ePKP	11	59.90	-7.8X	JEGM	0.34	228	eP	05	27.87	-0.2
EVAL	130.37	315	iPKPc	11	52.76	2.0	TCA	139.66	160	ePKPc	12	01.00	-7.6X	HMR	0.49	33	eP	05	31.33	0.3
CNLI	130.42	313	iPKP	11	52.00	1.1	CBN	139.70	35	ePKP	12	02.00	-6.3X	MHC	0.57	135	iPd	05	32.26	-0.3
ZER	130.65	310	iPKPc	11	54.00	2.6			e	12	14.00		ARN	0.63	129	iPd	05	33.27	-0.4	
PPM	130.78	71	(PKP)	11	54.00	1.3			e	12	42.00		GCC	0.72	171	iPd	05	35.09	-0.6	
TSY	130.79	312	ePKP	11	53.50	1.9	JSC	139.83	42	ePKP	12	00.10	-8.6X	NTYM	0.76	328	iPd	05	35.79	-0.6
RSA	130.88	311	iPKPd	11	53.50	1.7	RTPR	139.90	157	e(PKP)	12	01.50	-7.4X	SAO	1.13	150	iPd	05	41.09	-1.9
MIAR	130.88	49	iPKPc	11	51.74	-0.1	LHS	140.01	42	ePKP	12	00.74	-8.2X			eS	05	59.64		
		ePP'df12		11	60		LHS	140.01	42	ePKP	12	07.69	-1.3	LLA	1.48	139	iPd	05	46.49	-2.3
MIAR	130.88	49	ePKP	11	39.34	-12.5X	CEH	140.24	39	(PKP)	12	04.69	-4.6X	PRS	1.54	156	iPc	05	47.25	-2.4
IFR	130.90	309	iPKPd	11	49.50	-2.7			i	27	17.83		ORV	1.88	15	iPc	05	51.55	-2.9	
		i		11	54.50				e	27	17.83				eS	06	16.61			
		i		15	30.00		CEH	140.24	39	ePKP+	12	00.33	-9.0X	PRI	1.99	143	eP	05	54.95	-1.3
SLM	131.40	43	PKP	11	51.68	-1.0	Z	20s	38.68um			7.1msz	PKEM	2.34	135	ePn	05	59.41	-1.8	
	Z	19s	96.22um			7.5msz			e	27	17.83		MMPM	2.48	92	eP	06	02.46	-1.0	
FVM	131.60	44	ePKP	11	40.25	-12.9X	SGS	140.97	43	ePKP	12	04.42	-6.3X	MEMM	2.54	91	(P)	06	02.92	-1.1
FVM	131.60	44	ePKP	11	53.38	0.3	HBF	141.21	43	ePKP	12	05.54	-5.6X	LMEM	2.82	9	eP	06	06.58	-1.7
	Z	20s	110.27um			7.6msz	HBF	141.21	43	ePKP	12	09.80	-1.4	MTUM	2.87	97	eP	06	07.20	-1.8
		PP		14	36.72		CYA	141.84	157	e(PKP)	12	07.00	-5.5X	MRCM	2.89	90	eP	06	08.47	-0.7
OLY	132.03	47	ePKP	11	39.06	-14.9X	PDA	142.11	328	ePKP	12	24.00	11.4X	BCH	3.05	146	eP	06	08.09	-3.2
OLY	132.03	47	ePKP	11	52.95	-1.1	ANT	143.68	147	iPKP	12	13.50	-2.2	BONR	3.05	85	ePn	06	10.87	-0.6
EEO	132.73	27	ePKP	11	58.50	3.5X	MBO	147.00	286	iPKPc	12	22.20	0.8	KVN	3.43	66	ePn	06	15.82	-1.1
		pP		12	17.50		NNA	147.23	124	iPKPc	12	22.93	1.0	LBFM	3.60	3	eP	06	18.97	-0.3
AVE	132.74	310	iPKP	11	56.50	1.1		1.2s	1015.63nm				ISA	3.61	124	eP	06	16.98	-2.3	
		i		15	32.50		BRU	147.28	84	ePKP	12	24.91	2.4	TNP	3.91	84	ePn	06	24.88	1.2
ELC	132.77	44	ePKP	11	42.09	-13.2X	DVD	147.39	85	iPKP	12	27.13	5.0X	TPNV	4.76	98	(P)	06	48.83	13.0
ELC	132.77	44	ePKP	11	56.25	0.9			i	12	49.35		GSC	4.94	118	eP	06	35.66	-2.6	
GRT	133.14	45	ePKP	11	56.64	0.6	YJA	147.46	152	ePKPd	12	24.40	1.8	SSK	5.05	133	eP	06	36.86	-2.9
TIO	133.57	307	iPKPc	11	58.00	0.7	ARE	148.49	137	ePKP	12	26.00	1.8	TUC	10.77	117	P	08	06.80	7.3
		i		12	18.50		ECO	150.08	83	ePKP	12	31.47	5.1X	30 obs. associated						
		i		15	23.00				i	12	51.96									
EVV	133.94	71	(PKP)	12	09.50	11.4X	UPA	150.26	83	ePKP	12	25.53	-1.0	DEC 20, 1992 21h 19m 16.66 ± 0.29s						
ELF	134.09	32	PKP	11	48.30	-9.4X	VAO	150.49	185	ePKP	12	28.10	1.3	6.544 S ± 6.3km 130.424 E ± 9.8km						
DLA	134.18	33	PKP	11	48.30	-9.5X	CNCB	150.50	142	iPKPc	12	29.70	2.1	DEPTH = 33.0km (normal)						
LDN	134.27	32	PKP	11	48.40	-9.6X	LPB	150.64	142	iPKPc	12	29.90	2.3	5.3mb (10 obs.)						
RFA	135.18	158	e(PKP)	11	50.10	-10.0X	ZOBO	150.80	141	iPKPc	12	29.60	1.5	BANDA SEA (280)						
IHA	135.39	153	e(PKP)	11	53.40	-7.0X	PCJ	150.91	65	ePKPd	12	33.74	6.3X	MKS	10.98	276	iPd	22	06.00	11.5X
PEL	135.71	154	ePKP	11	50.00	-11.1X	STH	151.12	64	ePKPd	12	27.26	-0.5	PCI	11.95	298	ePc	22	22.60	14.8X
RSNY	136.37	26	ePKP	12	02.02	0.0	CCH	151.12	146	PKP	12	28.50	0.3			e	23	13.00		
	Z	21s	27.40um			7.0msz	PSO	151.84	100	ePKP	12	31.00	1.5	WB2	13.86	164	eP	22	30.20	-2.9
		SKP		15	22.35		SIV	154.86	153	PKP	12	38.60	5.5X			eS	24	54.00		
		SKKP		24	51.60		BOG	155.58	93	iPKP	12	36.00	1.4	BIP	15.25	344	ePd	22	57.50	6.2X
		i		27	05.93		BAO	157.87	184	PKPd	12	38.50	1.4	OIS	16.53	148	eP	23	07.80	0.1
		e		38	20.70															

20d 21h

GYA	40.09	326 P	26 52.00	0.9
	0.8s	16.00nm		4.8mb
SHNJ	40.45	1 P	26 54.10	0.4
MAT	43.47	9 eP	27 17.00	-1.5
	0.9s	25.21nm		5.0mb
YAMJ	45.38	11 eP	27 34.50	0.7
TIY	47.12	340 eP	27 47.70	0.0
BJI	48.18	345 eP	27 56.00	0.2
	1.0s	32.00nm		5.3mb
HHC	50.25	341 eP	28 12.00	0.1
	1.6s	93.00nm		5.5mb
CN2	50.31	355 eP	28 12.30	0.2
	0.8s	26.00nm		5.3mb
MDJ	50.93	359 eP	28 16.80	0.0
	0.8s	17.00nm		5.1mb
GBA	56.28	291 P	28 56.00	-0.8
HYB	56.50	296 eP	28 57.00	-1.4
	1.2s	57.10nm		5.5mb
NDI	62.04	307 iPc	29 35.20	-1.4
WMO	63.25	327 P	29 46.20	1.9
MAIO	78.73	309 eP	31 18.00	0.2
IMA	90.26	23 (P)	32 14.56	-0.7
SLKM	90.43	29 (P)	32 15.30	-0.7
YKA	107.16	26 ePKP	37 39.30	-1.4
	0.5s	1.00nm		
APD	108.51	332 ePKP	37 41.40	-1.9
	0.5s	1.80nm		
GEC2	112.34	320 PKP	37 50.40	-0.7
	0.5s	1.26nm		
BSF	117.03	321 iPKPd	37 59.40	-0.7
	0.6s	3.50nm		
HAU	117.24	321 iPKPd	38 00.90	0.5
	0.5s	1.95nm		
PV10	117.83	50 ePKP	38 01.13	-1.0
LOR	119.08	321 iPKPd	38 03.80	-0.1
	0.4s	0.95nm		
LBF	119.12	321 iPKPd	38 03.70	-0.3
	0.4s	1.80nm		
SMF	119.34	321 iPKPd	38 03.90	-0.5
	0.3s	0.85nm		
SSF	119.38	321 iPKPd	38 04.40	-0.1
	0.5s	3.80nm		
AVF	119.59	321 iPKPd	38 04.40	-0.4
	0.3s	1.20nm		
RSSD	119.64	42 ePKP	38 04.12	-1.2
TCF	120.52	321 iPKPd	38 06.80	0.1
	0.5s	2.60nm		
CAF	121.18	319 iPKPd	38 08.30	0.3
LPF	121.70	324 iPKPd	38 09.00	0.2
	0.6s	4.35nm		
MFF	121.84	322 iPKPd	38 09.00	-0.1
	0.5s	7.30nm		
UYO	130.32	50 iPKPd	38 25.20	-0.6
KIC	135.46	272 PKP	38 23.00	-13.2X
NNA	147.22	124 ePKP	39 00.00	3.0X
	1.0s	17.00nm		
YJA	147.48	152 ePKPd	39 01.50	3.8X
CNCB	150.51	142 iPKPd	39 10.00	7.3X
LPB	150.65	142 iPKPd	39 10.10	7.4X
ZOBO	150.81	141 iPKPd	39 10.00	6.8X
SIV	154.88	153 ePKP	39 14.00	5.8X
		i	39 38.00	
S.D. = 1.1 on 45 of 56 obs.				
% DEC 20, 1992 21h 48m 18.28±0.69s				
38.384 N ± 4.8km 16.104 E ± 7.4km				
DEPTH = 10.0km (geophysicist)				
SOUTHERN ITALY (390)				
SOI	0.31	187 P	48 24.90	0.1
		eSg	48 29.40	
MSI	0.47	248 P	48 27.80	0.0
		eSg	48 33.70	
ATN	0.55	246 P	48 29.00	-0.5
		eSg	48 38.60	
MNO	1.20	248 P	48 41.20	0.4
TDS	1.29	8 P	48 41.90	-0.2
		eSg	48 59.80	
MEU	1.58	216 P	48 46.40	-0.1
GIB	1.68	257 P	48 47.50	-0.5
MGR	1.80	346 P	48 49.10	-0.5
BRT	2.63	18 P	49 01.70	0.2
CVT	2.71	256 P	49 03.00	0.4
SDI	3.75	333 P	49 18.20	0.7
S.D. = 0.4 on 11 of 11 obs.				
* DEC 20, 1992 21h 57m 59.99±0.91s				

6.192 S ±10.8km		130.930 E ±16.5km	
DEPTH = 33.0km		(normal)	
4.6mb (1 obs.)			
BANDA SEA		(280)	
MTN	6.62 178 eP	59 40.00	2.5
KUPT	8.25 241 eP	00 01.20	0.9
	eS	01 27.60	
KNA	9.73 192 iPc	00 16.90	-3.9X
WB2	14.07 167 iPd	01 17.10	-2.1
	iS	03 32.00	
OIS	16.58 150 eP	01 52.40	0.8
	eS	04 09.00	
ASPA	17.61 171 eP	02 03.90	-0.7
	eS	05 03.70	
NANU	22.04 221 eP	02 51.50	-2.1
STKA	27.43 160 eP	03 45.30	0.5
	eS	08 53.40	
CHG	40.14 309 eP	05 35.90	1.1
	0.9s 11.13nm		4.6mb
GUN	55.13 310 P	07 32.20	0.0
	0.6s 29.00nm		5.5mb X
PKI	55.31 310 P	07 33.00	-0.5
	0.6s 24.00nm		5.4mb X
KKN	55.52 310 P	07 34.60	-0.2
	0.6s 32.00nm		5.5mb X
DMN	55.57 309 P	07 35.20	0.0
	0.6s 28.00nm		5.5mb X
GKN	56.12 310 P	07 39.00	-0.1
	0.6s 32.00nm		5.5mb X
LPB	150.60 140 PKP	17 57.00	11.0X
ZOBO	150.77 140 PKP	17 55.30	8.8X
S.D. = 1.4 on 13 of 16 obs.			
* DEC 20, 1992 22h 27m 21.53±0.78s			
6.654 S ± 8.7km		130.781 E ±16.4km	
DEPTH = 33.0km		(normal)	
4.8mb (4 obs.)			
BANDA SEA		(280)	
MTN	6.16 177 eP	28 54.50	1.8
	eS	29 58.00	
KUPT	7.90 243 eP	29 19.50	2.4
	eS	30 43.70	
KNA	9.25 192 iPd	29 34.10	-1.7
	eS	31 10.00	
WB2	13.66 166 eP	30 32.00	-3.4X
	iS	32 56.00	
OIS	16.25 149 eP	31 08.40	-0.7
ASPA	17.18 170 eP	31 18.60	-2.2
	iS	34 20.00	
WARB	19.82 191 eP	31 52.00	-0.5
NANU	21.60 221 eP	32 10.30	-0.4
PGP	22.28 334 iPc	32 20.50	3.0
FORT	24.14 186 eP	32 36.50	1.0
BWA	32.08 152 eP	33 51.20	3.4X
CAN	33.09 152 eP	33 59.10	2.6
CHG	40.32 309 eP	34 57.90	0.1
KMI	41.74 320 eP	35 13.00	3.3X
	1.0s 20.00nm		4.8mb
MAT	43.53 9 eP	35 24.00	0.2
	0.9s 8.40nm		4.5mb
BJI	48.38 345 eP	36 03.00	0.8
	1.0s 11.00nm		4.8mb
GUN	55.31 311 P	36 53.80	-1.2
PKI	55.50 310 P	36 54.80	-1.5
KKN	55.71 310 P	36 56.40	-1.3
DMN	55.75 310 P	36 57.00	-1.0
	0.4s 7.00nm		5.0mb
GKN	56.30 310 P	37 00.60	-1.3
CNCB	150.20 142 PKP	47 15.70	8.6X
LPB	150.34 141 ePKP	47 22.00	14.9X
ZOBO	150.51 141 PKP	47 15.80	8.2X
S.D. = 1.7 on 18 of 24 obs.			
* DEC 20, 1992 22h 33m 46.35±0.43s			
6.551 S ± 6.3km		130.500 E ±10.1km	
DEPTH = 33.0km		(normal)	
5.1mb (9 obs.)			
BANDA SEA		(280)	
KUPT	7.70 242 eP	35 44.00	4.9X
	eS	37 09.00	
KNA	9.30 190 iPd	35 51.00	-10.2X
	eS	37 37.00	
MKS	11.05 276 iPd	36 36.90	11.6X
WB2	13.83 165 iPd	36 57.30	-5.1X

iS		39 21.30	
PMG	16.74	101 eP	37 41.00 0.9
	0.9s	126.05nm	5.0mb
ASPA	17.33	169 eP	37 45.10 -2.4
		eS	40 45.50
MBL	17.82	214 iPc	37 40.20 -13.4X
		eS	40 45.00
WARB	19.87	190 eP	38 18.00 0.2
NANU	21.49	221 eP	38 35.00 0.5
PGP	22.06	335 eP	38 42.00 1.8
MEEK	22.96	208 iPd	38 51.00 1.9
		eS	43 02.00
FORT	24.21	185 eP	39 02.00 0.9
MRWA	26.38	210 eP	39 21.00 -0.6
		eS	44 20.00
BAL	27.21	207 eP	39 30.00 0.8
		eS	44 30.00
CMS	28.65	152 eP	39 41.50 -0.7
BWA	32.30	152 iPc	40 15.30 0.7
CAN	33.31	152 eP	40 22.90 -0.4
BDT	39.09	308 eP	41 12.20 -0.2
CHG	40.04	310 eP	41 21.20 0.9
	1.0s	10.00nm	4.5mb
MAT	43.47	9 eP	41 47.00 -1.2
	0.8s	4.48nm	4.3mb
XAN	45.24	335 eP	42 04.00 1.4
BJI	48.21	345 eP	42 26.00 0.3
LZH	49.25	331 eP	42 35.00 1.0
CN2	50.32	355 eP	42 41.00 -0.9
	0.6s	9.30nm	5.0mb
GUN	55.04	311 P	43 17.20 -0.6
	0.6s	30.00nm	5.5mb
PKI	55.22	310 P	43 17.60 -1.5
	0.6s	14.00nm	5.2mb
KKN	55.43	310 P	43 19.60 -0.9
	0.6s	19.00nm	5.3mb
DMN	55.47	310 P	43 20.40 -0.4
	0.6s	14.00nm	5.2mb
GKN	56.02	310 P	43 24.20 -0.5
	0.6s	32.00nm	5.5mb
HYB	56.57	296 eP	43 26.50 -2.1
WMO	63.29	327 eP	44 15.50 1.2
LPB	150.60	141 ePKP	53 39.00 6.7X
ZOBO	150.76	141 PKP	53 38.70 5.9X
		i	54 06.80
S.D. = 1.2 on 26 of 33 obs.			
% DEC 20, 1992 22h 37m 46.25±0.64s			
44.306 N ± 5.8km 7.424 E ± 6.3km			
DEPTH = 10.0km (geophysicist)			
NORTHERN ITALY (545)			
ML 1.9 (GEN).			
ENR	0.08	182 P	37 48.67 -0.1
		S	37 50.23
STV	0.09	229 P	37 49.09 0.1
		S	37 50.96
PZZ	0.30	311 P	37 52.93 0.3
		S	37 57.00
ROB	0.32	92 P	37 53.25 0.3
		S	37 57.60
IMI	0.52	140 P	37 56.59 -0.2
BHB	0.55	348 P	37 56.96 -0.4
		S	38 04.14
S.D. = 0.4 on 6 of 6 obs.			
? DEC 20, 1992 23h 18m 58.58±0.97s			
46.437 N ±11.4km 2.615 E ± 9.3km			
DEPTH = 10.0km (geophysicist)			
FRANCE (538)			
ML 1.2 (LDG).			
BGF	0.20	53 Pg	19 03.00 0.0
		Sg	19 05.90
MAF	0.22	189 Pg	19 03.30 0.0
		Sg	19 06.30
TCF	0.32	242 Pg	19 05.30 0.1
		Sg	19 09.30
LSF	0.77	256 Pg	19 13.60 -0.1
S.D. = 0.1 on 4 of 4 obs.			
& DEC 20, 1992 23h 52m 37.84s			
63.484 N 151.211 W			
DEPTH = 10.4km			
CENTRAL ALASKA (1)			
<AEIC>. ML 2.7 (AEIC).			

TRF	0.42	94	iP	52 45.95	-0.5
			eS	52 52.12	
HUR	0.88	125	eP	52 53.97	-0.7
MCK	1.05	75	eP	52 57.59	0.0
			eS	53 13.39	
RND	1.06	93	eP	52 57.68	-0.2
			eS	53 13.39	
NEA	1.44	40	eP	53 03.79	-0.2
			eS	53 23.01	
SKT	1.52	186	eP	53 04.66	-0.3
			eS	53 24.28	
			eS	53 24.44	
CCB	1.90	51	eP	53 08.70	-1.8
PWA	1.94	161	P	53 11.50	0.4
MDM	1.97	40	eP	53 11.79	0.2
GHO	2.02	147	P	53 12.30	0.0
SUA	2.04	174	eP	53 12.78	0.1
FBA	2.06	45	eP	53 14.22	1.3
			eS	53 40.34	
HDA	2.10	62	eP	53 12.84	-0.5
PLRM	2.13	152	eP	53 14.07	0.2
PMR	2.13	152	eP	53 13.56	-0.3
SML	2.14	140	eP	53 13.52	-0.6
CGLM	2.22	190	eP	53 15.04	-0.2
TTA	2.24	258	(P)	53 16.00	0.4
			eS	53 44.66	
GLM	2.25	46	eP	53 15.58	-0.1
CRP	2.27	192	eP	53 15.61	-0.4
			eS	53 45.41	
CP2	2.28	193	eP	53 15.83	-0.4
			eS	53 46.01	
BGL	2.30	194	ePn	53 16.48	0.1
CKN	2.31	192	eP	53 17.42	0.9
CKT	2.34	192	eP	53 17.36	0.4
SPU	2.34	190	eP	53 16.70	-0.3
CKL	2.36	193	eP	53 17.73	0.5
PMS	2.38	160	eP	53 17.77	0.3
SCM	2.44	131	eP	53 18.53	0.1
TOA	2.70	119	eP	53 22.53	0.5
SDG	2.76	108	eP	53 22.69	-0.2
IMA	2.80	339	ePn	53 21.28	-2.3
PTE	2.82	158	eP	53 23.29	-0.4
SLKM	3.02	171	eP	53 27.51	0.9
REF	3.09	194	eP	53 27.61	0.0
SVW	3.15	223	(P)	53 31.20	2.8
			eS	54 14.21	
KLU	3.17	127	eP	53 29.36	0.7
GLI	3.25	142	eP	53 29.45	-0.3
VLZ	3.28	134	eP	53 29.81	-0.4
FID	3.53	139	eP	53 33.12	-0.6
INE	3.55	195	eP	53 32.77	-1.4
KNIM	3.55	151	eP	53 33.08	-1.0

41 obs. associated

? DEC 21, 1992 00h 02m 15.31±12.64s
22.950 S ±93.9km 178.660 W ±129.3km
DEPTH = 542.4 ± 53.9 km
5.3mb (4 obs.)
SOUTH OF FIJI ISLANDS (171)

DZM	13.80	271	iPc	05 13.00	0.3
MNG	18.30	194	eP	05 55.50	-1.1
	0.2s	17.00nm		5.3mb	
DSZ	20.38	201	eP	06 17.40	1.2
LTZ	21.17	199	P	06 23.50	0.1
STKA	36.22	247	eP	08 33.30	-0.4
ASPA	43.41	259	iPc	09 31.70	-0.1
	0.3s	23.40nm		5.2mb	
WB2	43.70	265	iPc	09 33.40	-0.7
	0.3s	30.60nm		5.3mb	
WRA	43.71	265	P	09 34.00	-0.1
	0.9s	2.00nm		3.6mb X	
NANU	60.20	256	eP	11 33.80	0.8
	0.4s	38.00nm		5.1mb	
SIV	107.72	117	(PKP)	19 34.00	-9.0X

S.D. = 0.9 on 9 of 10 obs.

? DEC 21, 1992 01h 18m 09.66±6.37s
37.525 S ±49.1km 176.124 E ±26.1km
DEPTH = 207.4 ± 51.4 km
NORTH ISLAND, NEW ZEALAND (159)

URZ	1.07	134	P	18 40.40	-0.5
			S	19 05.50	
NOZ	1.86	126	P	18 48.10	0.4
MNG	3.13	189	P	19 01.90	0.3
			S	19 41.70	

KIW	3.46	195	P	19 05.80	0.2
CAW	3.67	193	P	19 08.00	-0.2
DIW	3.69	207	P	19 08.90	0.5
MRW	3.86	196	P	19 10.50	0.0
			eS	19 57.50	
MOW	3.95	190	P	19 11.30	-0.3
TCW	3.95	201	P	19 11.60	0.0
THZ	4.91	209	P	19 23.90	0.2
			S	20 22.60	
KHZ	5.27	201	P	19 27.70	-0.6
			S	20 28.80	

S.D. = 0.4 on 11 of 11 obs.

% DEC 21, 1992 02h 09m 33.40±3.44s
46.098 N ±12.9km 2.819 W ±29.1km
DEPTH = 10.0km (geophysicist)
BAY OF BISCAY (539)
ML 3.0 (LDG).

MFF	1.92	74	Pn	10 08.30	1.9
			Pg	10 12.30	
LPF	2.28	32	Pn	10 11.40	-0.3
			Pg	10 18.30	
			Sn	10 40.80	
			Sg	10 49.40	
GRR	2.65	30	Pn	10 17.80	0.9
			Pg	10 25.60	
			Sg	11 00.20	
LFF	2.76	114	Pn	10 18.90	0.5
			Pg	10 26.50	
			Sg	11 03.90	
LSF	3.03	86	Pn	10 22.30	0.1
			Pg	10 33.70	
			Sg	11 13.20	
LDF	3.10	35	Pn	10 23.20	0.0
			Pg	10 34.10	
			Sg	11 15.80	
FLN	3.10	30	Pg	10 22.50	-0.8
RJF	3.14	103	Pn	10 23.40	-0.4
			Pg	10 33.90	
			Sg	11 15.50	
LPO	3.16	115	Pn	10 24.30	0.2
			Pg	10 33.50	
			Sg	11 15.60	
TCF	3.50	85	Pn	10 29.10	0.1
			Pg	10 41.80	
			Sn	11 09.20	
			Sg	11 27.20	
CAF	3.63	107	Pn	10 30.50	-0.3
			Pg	10 43.50	
			Sg	11 29.80	
MAF	3.74	86	Pn	10 32.40	-0.1
			Pg	10 45.40	
			Sg	11 34.20	
EPF	3.81	143	Pg	10 44.20	10.8X
			Sg	11 34.80	
BGF	3.95	81	Pn	10 34.20	-1.2
			Pg	10 49.50	
			Sn	11 20.20	
			Sg	11 41.80	
AVF	4.32	79	Pn	10 40.00	-0.6
			Sg	11 53.10	
LOR	4.74	73	Pg	11 04.40	17.7X
			Sg	12 06.70	

S.D. = 0.8 on 14 of 16 obs.

? DEC 21, 1992 02h 20m 01.09±0.98s
44.202 N ±14.0km 10.269 E ±13.7km
DEPTH = 33.0km (normal)
NORTHERN ITALY (545)

BDI	0.27	121	P	20 08.40	-0.2
			eSg	20 14.20	
MME	0.31	91	P	20 09.40	0.2
			eSg	20 15.80	
PII	0.51	159	Pd	20 12.00	0.1
			eSg	20 18.80	
BOB	0.81	314	P	20 16.20	0.0
			eSg	20 25.50	

S.D. = 0.3 on 4 of 4 obs.

* DEC 21, 1992 03h 21m 17.21±1.39s
10.035 S ±10.9km 113.718 E ±16.8km
DEPTH = 39.0 ± 14.7 km
5.1mb (9 obs.)
SOUTH OF JAWA, INDONESIA (282)

TRT	2.55	335	iPc	21 58.00	0.9
			iS	22 33.20	
MKS	7.44	50	iPc	23 42.00	35.9X
MBL	12.53	153	eP	23 57.20	-18.6X
	0.3s	5.00nm			
		eS	26 07.00		
NANU	12.58	172	iPd	24 14.60	-1.8
	0.2s	8.00nm		5.4mb X	
		eS	26 24.00		
MEEK	17.15	165	eP	25 16.50	0.8
			eS	28 11.00	
WARB	20.19	144	iPd	25 52.30	0.8
			eS	30 25.00	
WB2	22.21	119	iPd	26 11.70	-0.3
	0.5s	10.60nm		4.5mb	
		eS	30 10.80		
ASPA	23.55	128	eP	26 25.30	0.1
	1.2s	13.90nm		4.3mb	
STKA	33.73	134	iPc	27 57.50	0.3
GUN	46.36	325	P	29 42.20	0.2
	0.6s	27.00nm		5.4mb	
PKI	46.37	324	P	29 41.40	-0.7
	0.9s	13.00nm		4.9mb	
DMN	46.57	324	P	29 43.20	-0.4
	0.9s	39.00nm		5.4mb	
KKN	46.61	325	P	29 43.20	-0.6
	1.0s	26.00nm		5.1mb	
LZH	46.81	349	eP	29 44.50	-0.7
	1.2s	25.00nm		5.1mb	
GKN	47.14	324	P	29 47.60	-0.4
	0.6s	12.00nm		5.1mb	
BCAO	95.85	273	iPd	34 43.70	2.0
	0.3s	3.00nm		5.2mb	
BAO	148.72	216	PKPc	41 06.50	7.3X
		e	41 10.80		
LPB	153.54	176	PKP	41 20.00	13.4X
ZOBO	153.78	176	ePKP	41 16.00	8.8X

S.D. = 1.1 on 14 of 19 obs.

? DEC 21, 1992 03h 49m 57.14±3.13s
6.445 S ±20.3km 131.328 E ±51.5km
DEPTH = 109.7 ± 38.6 km
TANIMBAR ISLANDS REG., INDONESIA(281)

MTN	6.36	182	eP	51 30.00	0.1
	0.3s	73.00nm		5.5mb X	
		eS	52 35.00		
WB2	13.74	168	iPd	53 07.70	-0.8
		eS	55 32.80		
ASPA	17.30	172	eP	53 54.20	0.8
		eS	56 54.30		
PLP	18.60	340	ePd	54 09.00	0.2
GUN	55.59	310	P	59 24.20	-0.1
GKN	56.59	310	P	59 31.00	-0.2

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

? DEC 21, 1992 04h 42m 01.48±1.71s
40.434 N ±21.7km 25.379 E ±11.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

ALN	0.69	47	ePg	42 15.06	0.0
		eSg	42 23.94		
PAIG	1.40	249	ePb	42 26.98	0.0
		eSb	42 45.46		
SRS	1.52	297	ePb	42 28.82	0.1
		eSb	42 49.02		
KNT	2.02	292	ePn	42 35.86	-0.1
		eSn	43 02.66		

S.D. = 0.1 on 4 of 4 obs.

* DEC 21, 1992 06h 00m 33.49±1.70s 31.377 S ±20.4km 69.584 W ±16.4km DEPTH = 126.4 ± 18.9 km SAN JUAN PROVINCE, ARGENTINA (137) MD 3.6 (SAN).					
RTCB	0.68	99	ePc	00 53.50	-0.2
RTLL	0.96	87	iPc	00 55.60	-0.4
		e	01 10.00		
CFA	1.17	102	ePc	00 58.00	-0.1
		S	01 14.30		
JACH	1.56	213	iP+	01 03.16	0.7
		iS	01 25.07		
PEL	1.99	208	iPd	01 07.95	0.3
		iS	01 33.34		
ROCH	2.00	217	eP+	01 07.96	0.0

21d 06h

FCH	2.03	197	iS	01	34.06		KUSJ	24.64	262	eS	22	54.00		LBFM	40.82	81	iPc	21	12.56	1.4	
			iP+	01	09.28	0.8				P	18	49.00	-1.3				e	22	16.24		
SAN	2.26	203	iS	01	35.69		ASAJ	25.37	266	P	18	58.00	0.9	WDC	40.88	82	iPc	21	12.42	1.1	
			iP	01	11.17	0.1	HOJ	25.91	262	eP	19	01.60	-0.4		0.8s	136.18nm				5.8mb	
PCH	2.37	199	eS	01	38.20		SIT	26.54	61	eP	19	07.11	-0.5	Z	21s	0.76um				4.5msz	
			eP	01	12.69	0.2				75.88nm		5.2mb					e	22	16.23		
TACH	2.54	206	eS	01	42.58		MRRJ	27.25	265	eP	19	13.30	-0.9				iPcP	23	09.91		
			iP	01	14.27	-0.4	YAK	27.99	310	iPd-	19	19.80	-0.9	LMEM	41.50	82	ePc	21	17.65	1.0	
			eS	01	45.12					226.00nm		5.7mb	MIN	41.59	82	iPc	21	17.99	0.6		
LCCH	2.68	218	iP+	01	16.48	0.0				iP	19	42.00	100km				iScP	26	50.86		
CHCH	2.70	199	iS	01	46.10					i	19	54.00		ORV	42.13	83	iPc	21	21.92	0.3	
			iP+	01	16.58	-0.2				iPPP	20	14.00					iScP	26	52.95		
RTPR	2.85	69	e(P)c	01	19.10	0.5				e	22	29.00		NTYM	42.13	85	iPc	21	22.27	0.7	
CACH	2.86	197	iS	01	52.98					eS	23	55.00					ePP	23	05.79		
			iP+	01	19.16	-1.4				eS	24	36.00					iPcP	23	13.68		
			iS	01	53.28		MAT	32.59	258	iPd	20	01.40	-0.3	ZSP	42.66	85	iPc	21	26.72	0.8	
			S.D. = 0.6 on 15 of 15 obs.							90.00nm		5.5mb				eScP	26	56.00			
% DEC 21, 1992 06h 04m 01.66 ± 2.3s							OPA	35.08	141	eP	20	23.40	0.3	BKS	42.72	85	iPc	21	27.02	0.6	
32.906 S ± 14.1km 71.244 W ± 11.5km							HON	35.42	141	P	20	40.00	14.1X	HMR	42.81	85	ePc	21	28.70	1.6	
DEPTH = 56.7 ± 21.3 km							Z	20s		0.24um		3.9msz	PCC	42.86	86	iPc	21	27.80	0.3		
NEAR COAST OF CENTRAL CHILE (135)							YKA	35.76	47	P	20	28.80	0.3	NRI	42.99	329	iPd-	21	28.30	0.1	
MD 3.5 (SAN).										86.00nm		5.9mb		1.8s	246.00nm		e	21	50.00	5.7mb	
ROCH	0.21	109	iP+	04	11.11	0.0	OBC	35.95	73	P	20	31.09	0.8				e	23	13.00		
			iS	04	18.05		OOV	36.02	74	P	20	31.79	0.9				e	23	21.00		
PEL	0.53	117	iPd	04	13.94	0.1	PGC	36.03	72	eP	20	30.50	-0.3	GCC	43.40	86	iPc	21	32.27	0.4	
			iS	04	22.99		CN2	36.13	279	P	20	30.60	-1.2				eScP	26	58.53		
JACH	0.59	68	iP+	04	14.65	0.0				1.0s	52.00nm		5.4mb	ARN	43.48	85	iPc	21	33.27	0.6	
			iS	04	24.40					Z	22s	9.46um	5.5mszX				e	22	35.88		
LCCH	0.63	206	iP	04	15.21	0.3	OSR	36.27	74	P	21	01.00	135kmX				PcP	23	19.09		
			iS	04	24.87		OSD	36.27	73	P	20	33.78	0.8	CMB	43.75	84	eP	21	35.48	0.6	
SAN	0.73	138	iP+	04	16.12	-0.1	MCW	36.38	72	eP	20	34.21	0.3		1.0s	108.83nm				5.6mb	
			iS	04	26.52		BLN	36.61	73	P	20	36.21	0.4	Z	21s	0.28um		iPcP	23	19.42	4.1msz
TACH	0.79	161	iP+	04	17.00	0.0	HDW	36.74	73	P	20	37.57	0.6				iScP	26	59.66		
			iS	04	28.61		MBW	36.88	71	P	20	38.10	-0.1	SAO	43.91	86	iPc	21	36.40	0.3	
FCH	0.90	118	iP+	04	18.66	-0.1	CMW	36.92	72	P	20	38.82	0.3	LRM	43.91	70	iPc	21	35.10	-1.2	
			iS	04	31.33		GMW	36.95	73	ePc	20	38.99	0.4	BJI	43.95	280	eP	21	36.00	-0.3	
PCH	0.94	140	iP+	04	18.80	-0.2	JCW	37.14	72	P	20	40.31	0.1		1.0s	110.00nm				5.6mb	
			iS	04	31.91		MHA	37.27	139	eP	20	42.48	0.9	Z	24s	0.38um		eP	22	00.00	102km
LNv	1.06	188	eP	04	19.92	-0.5	KMOR	37.49	76	P	20	43.94	0.7				eScP	27	01.00		
			iS	04	34.57		RMW	37.57	73	iPc	20	44.03	0.1				eS	28	02.00		
CHCH	1.14	154	iP+	04	21.56	-0.1				e	20	53.17					eS	28	04.00		
			iS	04	36.83		TKO	37.65	77	P	20	45.48	0.9				eS	31	14.00		
CACH	1.32	156	iP	04	24.99	0.7	LON	37.92	74	ePc	20	46.68	-0.2	PRS	44.23	86	iPc	21	39.29	0.6	
			iS	04	42.55		RNO	38.25	79	P	20	50.91	1.2				iScP	27	02.13		
			S.D. = 0.4 on 11 of 11 obs.				ASR	38.36	75	P	20	50.49	-0.1	LLA	44.31	86	iPc	21	40.16	0.8	
							SNY	38.37	277	iPd	20	51.00	0.4				iScP	27	02.68		
										1.2s	190.00nm		5.9mb	KVN	44.52	81	iPd	21	41.77	0.5	
DEC 21, 1992 06h 13m 37.94 ± 0.13s							Z	28s		0.99um		4.5mszX		PRI	44.79	86	iPc	21	44.22	0.9	
52.006 N ± 4.0km 179.067 E ± 1.8km							GT2	38.47	76	P	20	51.94	0.4				iScP	27	04.88		
DEPTH = 99.3km (13 depth phases)							DHW2	38.51	71	P	20	51.32	-0.4	FRI	44.83	85	iPc	21	43.96	0.5	
5.5mb (97 obs.)							SSOR	38.51	77	P	20	52.63	0.7				eScP	27	04.44		
RAT ISLANDS, ALEUTIAN ISLANDS (6)							SHNJ	38.52	262	P	20	53.40	1.4	MEMM	44.88	83	iPc	21	45.39	1.6	
Felt (V) on Amchitka and (III)							WTV	38.54	71	P	20	51.55	-0.5				e	23	24.40		
on Adak.							TDH	38.69	76	P	20	53.50	0.1				iScP	27	05.51		
							FBO	38.74	78	P	20	54.71	0.9	BONR	45.08	82	iPc	21	46.71	0.9	
ADK	2.63	91	iPc	14	19.51	0.1	HSO	38.86	79	P	20	56.27	1.5				iScP	27	06.48		
SMY	3.13	285	eP	14	27.00	0.9	SAW	38.86	71	P	20	54.09	-0.6				iScP	27	06.48		
PET	12.48	283	eP	16	34.00	1.0	VBEM	38.93	76	P	20	55.71	0.3	PHAM	45.15	86	iPc	21	46.61	0.6	
			Z	16s	0.70um		DBO	38.99	80	P	20	57.24	1.4				PcP	23	24.64		
			eS	18	45.00		CIT	39.06	297	eP	20	56.50	0.2				eScP	27	07.47		
SDN	12.56	67	eP	16	34.00	0.0	VGB	39.17	75	iPc	20	57.27	0.0	PKEM	45.18	86	iPc	21	44.31	-1.9	
SKR	14.41	274	eP	17	01.20	3.1X				iPcP	23	04.66		MTUM	45.30	83	P	21	50.00	2.6	
			0.9s	300.00nm		5.5mb				iScP	26	41.48		HHA1	45.40	73	iPc	21	48.06	0.0	
			eS	19	27.40												eScP	27	07.47		
MCNL	16.57	54	P	17	25.60	0.3	MDW	39.20	73	P	20	57.55	0.1	ZAK	45.49	300	iPd	21	49.30	0.9	
CDD	16.87	55	P	17	28.80	-0.1	CRF	39.31	72	P	20	58.02	-0.4		1.5s	162.00nm				5.6mb	
TTA	17.17	41	eP	17	35.27	2.6X	CROR	39.33	76	P	20	58.95	0.3	Z	17s	0.81um				4.7mszX	
			0.9s	343.67nm		5.6mb	DPW	39.48	70	ePc	20	59.06	-0.8				e	21	50.46	0.3	
KDC	17.26	59	eP	17	32.00	-1.7X				iScP	26	42.02		PTI	45.66	73	iPc	21	50.54	0.2	
ILIM	17.48	52	P	17	38.70	2.2	RES	39.72	25	ePc	21	03.60	2.2				PcP	23	26.35		
MGD	17.63	308	ePd-	17	40.00	1.8				1.0s	27.00nm		5.0mb	TNP	45.67	82	iPc	21	50.54	0.2	
			1.0s	110.00nm		5.0mb	JBO	39.76	74	P	21	02.09	-0.1		0.8s	86.40nm				5.6mb	
			Z	12s	1.10um		KUMJ	39.78	260	P	21	03.10	0.7	BCH	45.77	87	iPc	21	51.64	0.6	
			eS	20	50.00		FHC	39.86	83	iPc	21	04.84	1.8				PcP	23	26.96		
IMA	19.64	34	iPc	18	02.17	1.3				eScP	26	45.41					iScP	27	09.43		
			0.7s	81.73nm		5.2mb	NEW	39.91	69	iPd	21	02.72	-0.6	TIA	45.78	275	Pd	21	50.90	0.0	
PMR	19.68	48	eP	18	00.00	-1.2				0.8s	325.82nm		6.2mb	Z	36s	1.67um				4.7mszX	
FBA	21.29	40	eP	18	18.00	0.5	KMPM	40.01	84	iPc	21	06.11	1.8				S	28	26.60		
YSS	23.95	272	iPd-	18	45.00	1.4				e	22	10.03					sS	29	08.00		
			1.0s	90.00nm		5.1mb	FOX	40.02	83	iPc	21	06.32	2.1	HVU	46.07	75	iPc	21	53.15	-0.2	
			Z	12s	0.60um	4.3mszX				eScP	26	45.99					iScP	27	09.43		
			N	12s	0.40um		LGPM	40.50	82	iPc	21	09.72	1.3								

ISA	46.45	85	iPc	21 55.90	-0.4	1.0s	53.00nm	5.5mb	Z 22s	0.26um	4.4Msz				
	0.8s	77.65nm				Z 24s	0.66um	4.6MszX		e	24 28.90				
FCC	46.48	46	eP	21 58.50	2.3	TUC	53.43	83 iPc	22 49.28	-0.2	KMI	62.33	276 Pd	23 51.00	-1.1
SSE	46.69	267	iPc	21 58.50	0.3		1.8s	441.07nm	6.2mb		1.5s	110.00nm		5.6mb	
	1.0s	170.00nm				Z 20s	0.32um	4.4Msz		Z 24s	1.30um		5.0MszX		
	Z 20s	0.50um					PcP	23 50.85			pP	24 16.00	100km		
		pP	22 22.50	101km			ePP	24 51.56		QIZ	62.47	266 P	23 53.00	0.2	
		S	28 42.00				iScP	27 41.17			1.2s	79.00nm		5.6mb	
TPNV	46.98	82	eP	22 00.86	0.2	LZH	53.94	284 iPd	22 53.80	0.4		pP	24 18.20	101km	
	0.7s	441.76nm					1.5s	200.00nm	5.9mb	MZX	62.62	87 (P)	23 53.50	-0.3	
	Z 21s	2.71um				Z 20s	0.47um	4.5Msz		ELC	62.65	64 iPd	23 51.76	-2.0	
		eScP	27 13.95			N 14s	0.51um			OLY	62.67	67 iPc	23 51.52	-2.4	
DUG	47.02	76	iPc	22 00.83	0.0		pP	23 17.50	97km	ACTO	62.90	53 P	23 54.45	-0.9	
	0.5s	87.09nm					sP	23 28.00		GRT	63.27	65 eP	23 56.48	-1.4	
		iScP	27 13.46				PcP	23 56.00		TYNO	63.37	54 P	23 57.45	-1.0	
BTO	47.32	285	iPc	22 04.00	0.8		PP	24 56.00		WLVO	63.49	52 P	23 58.10	-1.1	
	1.2s	210.00nm					ScP	27 44.50		STCO	63.63	53 P	23 59.05	-1.1	
	N 15s	0.44um					PcS	27 54.00		KAF	64.19	346 eP	24 02.30	-1.3	
	E 13s	0.32um					S	30 23.00			0.5s	7.50nm		4.9mb	
		pP	22 28.00	101km			sS	31 00.00		RSNY	64.87	49 eP	24 05.83	-2.4	
		PP	23 56.00			GTA	54.10	290 iPd	22 54.50	0.0		0.9s	47.19nm		5.4mb
		S	28 48.00				1.0s	95.00nm	5.8mb	FRU	65.23	308 iPd	24 11.00	0.4	
		sS	29 30.00			Z 20s	0.58um	4.6Msz			2.0s	330.00nm		5.9mb	
		eSS	32 11.00			E 15s	0.41um					e	24 35.00		
BW06	47.37	71	iPc	22 02.77	-1.0		pP	23 16.00	86kmX			e	24 43.00		
	0.5s	83.70nm					S	30 22.00		MCWV	65.93	56 iP	24 13.78	-1.2	
		iScP	27 13.80				sS	31 06.00			0.6s	50.85nm		5.6mb	
NJ2	47.48	270	Pc	22 04.00	-0.4	ALO	54.26	77 iPc	22 54.85	-1.0	NUR	65.97	346 iP	24 13.80	-1.2
	1.0s	79.00nm					1.0s	29.70nm	5.3mb			0.6s	9.20nm		4.9mb
		pP	22 27.80	100km		Z 22s	0.52um	4.6Msz		LSA	65.98	288 Pc	24 17.30	1.2	
		ScP	27 16.40				ePcP	23 57.33			0.4s	29.00nm		5.6mb	
TIY	47.68	280	iPc	22 07.00	1.0		iScP	27 44.99		AGX	66.15	85 (P)	24 17.50	0.9	
	1.0s	120.00nm				SEM	57.08	311 iP	23 15.70	0.1	TKL	66.83	62 iPc	24 19.39	-1.5
	Z 40s	1.21um					2.0s	234.00nm	5.9mb	CGX	67.06	87 (P)	24 25.00	2.3	
	N 20s	1.55um					i	23 42.90		KSH	67.10	305 P	24 23.50	0.9	
		pP	22 30.50	98km			e	23 50.40			1.0s	100.00nm		5.7mb	
		S	28 58.00				i	24 09.50				sS	33 54.00		
		sS	29 40.00				iS	31 01.90		NAV	67.19	58 iP	24 21.75	-1.4	
GSC	47.71	84	iPc	22 06.47	0.2	ACO	57.28	266 P	23 16.20	-1.1	BLA	67.46	58 iPc	24 23.54	-1.3
		PcP	23 33.26			CD2	57.41	71 iPd	23 16.00	-2.1		0.6s	59.29nm		5.7mb
DAU	47.82	75	iPc	22 07.10	-0.2		57.55	280 iPd	23 18.30	-0.9	UPP	67.49	350 iP	24 23.00	-1.5
		iScP	27 16.83				1.0s	78.00nm	5.7mb		HFS	67.59	352 eP	24 23.80	-1.4
SSK	47.89	86	ePc	22 07.60	-0.2	WMQ	57.88	301 Pd	23 21.50	0.1		0.7s	10.80nm		4.9mb
ARUT	48.16	79	iPc	22 09.46	-0.3		1.0s	91.00nm	5.8mb		Z 28s	55.00um		6.6MszX	
		iScP	27 18.43			Z 28s	0.62um	4.6MszX				LR	47 54.00		
PEC	48.43	86	iPc	22 11.20	-0.6			PcP	24 12.00		LVNJ	67.60	52 iP	24 23.93	-1.6
	1.0s	88.70nm						PP	25 27.00		TBR	67.61	51 eP	24 23.52	-2.1
		iScP	27 19.00					S	31 13.50		CVL	67.90	56 iPc	24 26.48	-1.0
EMUT	48.45	75	iPc	22 11.74	-0.4			SS	35 08.00		LMN	68.17	43 ePc	24 30.50	1.5
		iScP	27 19.91			BAG	57.94	255 eP	23 20.00	-2.2	CBN	68.29	56 eP	24 28.00	-1.9
MSU	48.46	78	iPc	22 12.24	0.0	GYA	58.94	274 iPd	23 27.60	-1.5	MRX	68.46	85 (P)	24 32.50	1.3
		PcP	23 36.79				1.0s	42.00nm	5.5mb		LOE	68.71	271 eP	24 32.00	-0.8
PLM	48.98	86	iPc	22 16.22	0.1			pP	23 52.00	98km	PRM	68.78	62 iPc	24 31.75	-1.2
		iScP	27 20.04					ScP	28 06.60				e	24 40.98	
SRU	49.07	76	ePc	22 16.39	-0.5			S	31 27.00		OBN	68.81	338 eP	24 32.00	-0.8
		iScP	27 21.65			MEO	59.06	72 iPd	23 38.30	8.7X		2.3s	260.00nm		5.7mb
RSSD	49.74	67	iPd	22 20.03	-1.9	OCO	59.19	71 iPd	23 29.10	-1.4	Z 24s	0.80um		4.9MszX	
	0.6s	37.34nm				FNO	59.42	71 iPc	23 30.90	-1.2	E 18s	1.00um			
	Z 20s	0.15um				BRVK	59.56	318 iPd	23 32.60	-0.3			e	25 01.00	
		iPcP	23 40.35				1.0s	182.00nm	6.2mb				e	34 16.00	
		iScP	27 23.51			Z 22s	0.44um	4.5Msz		CEH	69.16	58 ePc	24 33.94	-1.3	
PV09	50.30	76	iPc	22 25.30	-1.0		N 20s	0.34um			0.5s	163.53nm		6.1mb	
		iScP	27 27.58			E 20s	0.39um			Z 21s	0.35um		4.6Msz		
GLA	50.43	85	iPd	22 26.91	-0.2	LNO2	59.90	69 iPc	23 33.30	-2.0	JSC	69.23	61 iPc	24 34.63	-1.1
		iScP	27 28.33					e	23 37.20		LHS	69.32	60 iPc	24 35.12	-1.1
PV10	50.43	76	iPc	22 26.46	-0.9			e	24 01.20		CHG	69.37	274 ePd	24 36.10	-0.7
		e	23 29.33			TUL	59.90	69 iPc	23 33.50	-1.9		0.9s	53.15nm		5.4mb
		ePcP	23 44.02				0.8s	112.60nm	6.0mb	UNM	69.98	84 (P)	24 40.50	-0.3	
		iScP	27 27.94				Z 18s	0.12um	4.1Msz	GUN	70.39	290 Pd	24 43.58	0.2	
ULM	50.44	56	eP	22 28.50	1.6			e	23 37.10		SGS	70.46	61 iPc	24 42.54	-0.6
PV08	50.54	75	iPc	22 27.04	-1.2			LR	42 49.00		PPM	70.52	84 (P)	24 44.50	0.1
		iScP	27 28.30					e	24 01.20		III	70.52	85 (P)	24 43.00	-1.1
WHN	51.30	272	iPd	22 33.00	-0.6	PGP	60.00	252 ePd	23 36.50	0.3	HBF	70.73	61 iPc	24 44.25	-0.6
	1.0s	120.00nm				SVE	60.36	326 ePc	23 39.00	0.8	KKN	70.83	291 Pd	24 45.96	0.1
		pP	22 57.00	99km		EEO	61.17	50 ePc	23 44.40	0.5		0.6s	377.00nm		6.4mb
		S	29 44.00			ARU	61.37	327 (P)	23 42.00	-3.1X	PKI	70.92	290 Pd	24 46.44	-0.1
		iScP	27 27.94					e	24 05.00		GKN	71.04	291 Pd	24 47.00	0.0
GLD	51.81	72	iPc	22 37.51	-0.2			e	24 30.00		DMN	71.07	291 Pd	24 47.48	0.2
	1.4s	93.18nm				FVM	61.48	64 iPc	23 43.78	-2.3		0.9s	381.00nm		6.2mb
	Z 21s	2.20um					0.6s	91.53nm	6.0mb	ACX	71.43	86 (P)	24 50.00	0.7	
		e	22 53.77			UYO	61.90	70 iPc	23 47.00	-1.9	EDU	71.80	1 ePc	24 50.80	-0.1
		e	23 03.80					e	24 05.00			0.5s	30.00nm		5.4mb
XAN	52.24	279	Pd	22 39.70	-1.1	MIAR	62.14	69 iPc	23 49.11	-1.4	ELO	71.86	2 eP	24 51.20	-0.1
							1.7s	19.49nm	4.8mb	EBH	72.09	2 ePc	24 52.80	0.2	

	0.5 s	6.70 nm		4.7 mb
		i	26 10.00	
WRA	81.57	222 P	25 45.20	-0.5
	0.8 s	1.20 nm		3.8 mb
SMF	81.64	357 eP	25 45.70	-0.1
	0.8 s	9.25 nm		4.7 mb
MFF	81.77	359 eP	25 46.80	0.4
	0.7 s	12.35 nm		4.8 mb
TCF	82.05	358 eP	25 47.90	-0.1
	0.7 s	3.75 nm		4.3 mb
LSF	82.10	358 eP	25 48.30	0.1
	0.6 s	5.95 nm		4.6 mb
MAF	82.11	358 eP	25 48.50	0.3
	0.7 s	3.95 nm		4.4 mb
LPL	82.63	355 eP	25 52.00	0.1
	0.7 s	3.95 nm		4.4 mb
LPG	82.65	355 eP	25 52.20	0.7
	0.7 s	3.00 nm		4.3 mb
HYB	82.75	289 ePd	25 52.00	0.0
	1.0 s	120.00 nm		5.8 mb
BNI	83.10	355 P	25 55.00	1.4
BOB	83.19	353 P	25 55.00	1.0
CAF	83.41	358 eP	25 55.30	0.3
	0.8 s	6.30 nm		4.6 mb
LFF	83.42	359 eP	25 55.20	0.2
	0.9 s	13.10 nm		4.9 mb
LPO	83.67	358 eP	25 56.40	0.1
	0.8 s	13.70 nm		4.9 mb
SFI	83.82	351 P	25 58.50	1.5
HVAR	84.01	347 iPc	25 57.60	-0.4
SKO	84.41	343 eP	26 00.50	0.5
ASS	84.57	350 P	26 01.70	0.8
POO	84.58	293 iPd	26 02.70	1.4
FRF	84.59	354 eP	26 11.00	10.1X
	0.8 s	10.50 nm		
LMR	84.82	355 eP	26 02.30	0.2
	0.8 s	8.60 nm		4.7 mb
ASPA	85.07	221 eP	26 03.30	-0.2
	1.1 s	8.50 nm		4.6 mb
EPF	85.34	359 eP	26 04.30	-0.4
	0.8 s	4.05 nm		4.4 mb
PGF	85.43	353 eP	26 05.30	0.0
	0.7 s	19.60 nm		5.2 mb
GBA	86.41	287 P	26 09.90	-0.4
STKA	89.75	211 iPc	26 26.50	0.7
		i	26 51.90	
TOV	94.99	67 eP	26 51.20	0.7
SDV	95.24	69 eP	26 50.40	-1.4
ZOBO	116.69	82 PKP	32 11.70	-1.1
		i	35 37.10	
LPB	116.90	82 ePKP	32 05.00	-7.9X
		i	35 38.00	
CNCB	117.18	83 PKPc	32 13.70	0.1
		i	35 39.00	
CCH	118.74	81 (PKP)	32 05.00	-11.2X
		e	33 18.00	
SIV	120.75	76 PKPc	32 23.60	3.9X
		i	33 51.60	
BCAO	121.38	337 ePKPd	32 19.80	-1.2
	0.6 s	3.00 nm		
		id	33 03.00	
TIC	121.48	5 PKP	32 20.00	-1.2
KIC	121.77	4 PKP	32 20.40	-1.3
LIC	121.89	5 PKP	32 20.70	-1.2
BAO	128.04	64 PKPc	32 33.70	-0.2
		e	32 40.60	
		e	32 57.00	
		e	33 03.20	
RFA	129.85	98 ePKPd	32 36.10	-0.7X
VAO	134.49	68 ePKP	32 45.10	-0.8
SLR	145.70	309 iPKPd	33 06.00	-0.1
	1.0 s	60.00 nm		
		i	33 33.00	
AIA	146.08	138 ePKP	33 06.50	1.2
KSR	146.47	310 iPKPc	33 09.50	2.1X
	0.7 s	5.00 nm		
BLF	149.53	308 iPKPd	33 12.50	0.4
	0.2 s	47.62 nm		
FRS	150.48	309 iPKPc	33 19.50	6.2X
	0.8 s	41.04 nm		
S.D. = 0.9 on 286 of 302 obs.				
DEC	21, 1992	06h 30m	53.35±	0.57s
48.166 N	± 5.0 km		6.622 E	± 3.8 km
DEPTH =	10.0 km	(geophysicist)		(538)
FRANCE				

HAU	0.24	229	Pg	30	58.80	0.2
			Sg	31	02.30	
BSF	0.35	161	Pg	31	00.70	0.0
			Sg	31	05.50	
ECH	0.36	82	Pg	31	00.93	0.1
			Sg	31	05.95	
VITF	0.43	277	Pg	31	02.01	-0.1
			Sg	31	07.40	
MOF	0.47	132	Pg	31	02.77	-0.1
			Sg	31	08.87	
CDF	0.50	60	Pg	31	03.45	-0.1
WLS	0.55	63	Pg	31	04.42	0.0
LOMF	0.83	170	Pg	31	09.18	-0.2
FEL	0.98	107	ePg	31	12.17	0.2
S.D. = 0.2 on 9 of 9 obs.						
DEC 21, 1992 07h 15m 27.76± 1.26s						
33.779 S ± 7.9km 71.304 W ± 7.6km						
DEPTH = 39.4 ± 18.1 km						
NEAR COAST OF CENTRAL CHILE (135)						
MD 3.9 (SAN).						
LNV	0.20	207	iP+	15	35.12	0.2
TACH	0.33	68	iP+	15	36.69	0.3
LCCH	0.38	324	iPd	15	36.56	-0.3
CHCH	0.56	106	iP+	15	39.18	-0.2
SAN	0.63	59	iPd	15	40.15	-0.1
			iS	15	50.53	
CACH	0.68	120	iP	15	41.02	0.0
			iS	15	55.22	
PCH	0.68	77	iPd	15	40.64	-0.4
IHA	0.80	339	iPc	15	42.80	0.1
			iS	15	54.70	
PEL	0.82	39	iP	15	42.92	0.0
			iS	15	56.63	
ROCH	0.84	17	iP+	15	43.31	-0.1
			iS	15	55.32	
FCH	0.96	62	iPd	15	44.78	-0.4
			iS	15	57.92	
JACH	1.25	29	eP	15	48.80	-0.3
			iS	16	05.71	
CFA	3.37	51	e(P)	16	20.50	1.2
S.D. = 0.5 on 13 of 13 obs.						
? DEC 21, 1992 07h 51m 29.70± 2.25s						
11.048 N ± 16.4km 61.958 W ± 42.9km						
DEPTH = 100.0km (geophysicist)						
WINDWARD ISLANDS (95)						
MD 3.1 (TRN).						
TCE	0.40	150	eP	51	45.05	0.0
			eS	51	55.59	
TRN	0.67	126	eP	51	47.04	0.0
			eS	51	58.63	
TPP	0.88	146	eP	51	52.69	3.6X
			eS	52	05.26	
TBH	1.04	123	eP	51	50.86	0.0
			eS	52	06.62	
GRW	1.14	15	eP	51	52.09	0.0
			eS	52	10.12	
S.D. = 0.1 on 4 of 5 obs.						
DEC 21, 1992 07h 54m 25.56± 0.51s						
40.130 S ± 5.2km 173.491 E ± 5.4km						
DEPTH = 250.9 ± 6.4 km						
COOK STRAIT, NEW ZEALAND (163)						
DIW	0.75	154	Pd	55	00.40	0.1
NRZ	0.86	23	Pc	55	01.30	0.2
QRZ	1.01	226	P	55	01.50	-0.4
			S	55		

MOZ	1.91	33	P	55 07.90	-0.4
			S	55 37.40	
BLW	1.95	130	Pc	55 08.70	0.1
DSZ	2.06	218	P	55 09.90	0.2
PGZ	2.18	104	P	55 10.60	-0.1
WAHZ	2.24	80	P	55 11.20	-0.2
KHZ	2.29	179	P	55 11.70	0.0
			S	55 43.40	
TTH	2.63	78	P	55 15.90	0.8
WHH	2.64	63	P	55 14.80	-0.5
LTZ	2.81	199	eP	55 16.70	-0.2
			eS	55 52.00	
MOH	2.99	72	P	55 19.70	0.8
PAHZ	3.03	66	P	55 19.90	0.5
URZ	3.38	58	P	55 22.50	-0.5
			S	56 02.00	
MQZ	3.63	190	eP	55 25.00	-0.9
			S	56 07.70	
NOZ	3.83	68	eP	55 28.80	0.6
EWZ	3.91	209	P	55 30.10	1.0
PUZ	4.24	63	P	55 32.60	-0.4
			S	56 20.10	
HBZ	4.53	58	eP	55 36.10	-0.3
LMZ	4.77	220	P	55 39.80	0.5
ODZ	5.34	202	P	55 47.60	1.3
			S	56 46.00	
MSCZ	5.80	210	eP	55 51.70	-0.3
LRCZ	5.80	210	eP	55 51.40	-0.7
MHZ	5.83	211	eP	55 51.90	-0.5
LSCZ	5.84	210	eP	55 52.00	-0.4
CMCZ	5.90	210	eP	55 53.50	0.2
			S	56 57.30	

S.D. = 0.5 on 40 of 40 obs.

DEC 21, 1992 09h 02m 57.82±0.46s
35.384 N ± 3.9km 2.519 W ± 3.9km

DEPTH = 12.8 ± 2.5 km

4.4mb (10 obs.)

STRAIT OF GIBRALTAR (385)
mblg 3.9 (MDD). Felt (III) in
the Chaforinas Islands, Spain.

EMEL	0.37	257	iPgd	03 06.14	0.6
ENIJ	1.60	9	iPnd	03 25.68	-0.3
			eSn	03 48.10	
EGUA	1.68	330	iPnd	03 26.55	-0.4
			eSn	03 51.90	
MAL	2.04	312	iPnd	03 31.50	-0.7
			iSg	03 52.00	
EHUE	2.43	359	iPnd	03 39.52	1.6
ZER	2.48	240	iP	03 43.50	5.1X
			iS	05 10.00	
OJEN	2.56	287	iP	03 44.00	4.3X
ELUQ	2.59	328	eP	03 42.80	2.6X
			eS	04 14.00	
EJIF	2.62	295	ePn	03 40.42	-0.1
			eSn	04 13.00	
EALH	2.62	19	iPnc	03 40.62	0.0
			eSn	04 13.70	
EPRU	2.70	307	iP	03 43.80	2.0
			eS	04 15.80	
PLAT	2.74	287	iP	03 44.00	1.8
RSA	2.75	261	iP	03 46.50	4.0X
			iS	05 19.00	
TSY	2.82	271	iP	03 46.00	2.6
			iS	05 19.50	
IFR	2.85	230	iPn	03 43.00	-1.0
			iSn	04 24.50	
			i	04 29.00	
EBAN	2.96	340	iPnd	03 45.88	0.6
			eSn	04 23.10	
CNIL	3.03	290	iP	03 45.00	-1.3
GIBL	3.13	298	eP	03 52.00	4.2X
SFS	3.18	291	eP	03 45.00	-3.5X
EVIA	3.25	0	iPnd	03 50.35	0.8
			eSn	04 29.00	
EHOR	3.28	319	iPnd	03 49.93	0.0
			eSn	04 29.90	
RBA	3.82	250	ePn	04 00.70	3.2X
EVAL	4.05	304	iPnd	04 00.26	-0.6
ECHE	4.38	16	ePn	04 06.35	0.8
PAB	4.40	341	iPnd	04 06.80	0.9
			ePb	04 14.00	
			iPg	04 27.00	
			eSn	04 57.00	
			eSg	05 19.00	
AVE	4.55	244	iPn	04 06.50	-1.5

			i	04 24.50	
			iSn	05 23.00	
			i	05 32.00	
			i	05 36.00	
GUD	5.41	347	ePn	04 20.51	0.3
ETOR	5.44	4	ePn	04 20.80	0.2
EPLA	5.46	330	iPnd	04 20.51	-0.3
ERDQ	5.90	22	ePn	04 26.30	-0.7
TIO	5.96	223	iPn	04 27.00	-1.0
			eSn	05 50.00	
			i	06 00.00	
			i	06 06.00	
EGRA	7.01	14	iPnd	04 44.33	1.7
ECRI	7.21	0	iPnc	04 45.21	-0.3
ENSF	7.73	16	P	04 52.45	-0.5
SALF	7.91	20	P	04 55.59	0.3
BTH	7.93	12	e(Pn)	04 55.00	-0.6
			i(Pg)	05 03.50	
			e(S)	06 01.50	
			eLR	07 22.00	
			e	07 24.00	
EPF	7.95	15	Pn	04 55.90	0.0
			Sn	06 22.20	
ETER	8.08	30	iPnd	04 56.16	-1.4
GRBF	8.09	22	P	04 58.56	0.8
LESF	8.19	20	P	05 00.56	1.5
LPO	9.71	16	Pn	05 19.50	-0.7
LFF	9.86	14	Pn	05 21.50	-0.8
CAF	10.15	19	Pn	05 25.30	-1.0
RJF	10.37	16	Pn	05 28.20	-1.1
LMR	10.57	39	Pn	05 31.50	-0.5
LRG	10.58	38	Pn	05 32.50	0.4
MFF	11.35	8	Pn	05 41.40	-1.2
PGF	11.46	48	Pn	05 44.50	0.2
TCF	11.46	17	Pn	05 42.30	-1.9
MAF	11.49	18	Pn	05 43.20	-1.3
AVF	12.22	19	Pn	05 53.60	-0.8
GRR	13.05	5	Pn	06 04.20	-1.3
LDF	13.32	7	Pn	06 08.30	-0.7
FLN	13.45	6	Pn	06 10.20	-0.6
WLF	15.62	21	P	06 46.00	6.9X
FVI	16.06	41	P	06 49.90	5.2X
RBL	16.39	43	P	06 54.30	5.2X
GRF	17.48	31	eP	07 08.20	5.5X
GEC2	18.00	37	Pn	07 08.40	-0.8
	0.9s		7.83nm		3.8mb
			e	07 13.80	
			e	07 16.00	
KHC	18.13	36	eP	07 12.00	1.2
	1.1s		6.30nm		3.7mb
			i	07 16.00	
			e	07 24.50	
MOX	18.37	30	eP	07 16.70	2.9X
	1.2s		22.00nm		4.2mb
OHR	19.16	66	iPKP	07 24.00	0.4
	1.3s		104.00nm		4.9mb
PRU	19.18	35	eP	07 24.50	0.9
ZST	19.37	43	iP	07 26.50	0.5
			e	18 20.30	
CLL	19.45	30	eP	07 27.00	0.2
	1.4s		20.00nm		4.2mb
BRG	19.53	32	iP	07 29.40	1.6
VRAC	19.75	39	iPc	07 30.50	0.4
	1.2s		113.60nm		5.1mb
SRO	19.85	45	eP	07 32.10	0.9
EKA	19.95	359	P	07 33.00	0.7
	1.3s		25.80nm		4.4mb
BUD	20.10	46	eP	07 34.50	0.7
VAY	20.51	66	iPKP	07 37.40	-0.9
KSP	20.58	36	eP	07 39.50	0.6
	1.0s		31.00nm		4.6mb
			ic	07 40.70	
SPC	21.66	43	eP	07 53.00	2.9X
OJC	21.97	41	eP	07 53.60	0.6
			e	07 55.90	
BCAO	36.43	143	ePd	10 05.00	0.8
	0.6s		3.00nm		4.3mb
SLR	67.41	150	eP	13 49.00	-6.3X
	0.3s		12.99nm		5.6mb X
GKN	72.24	68	P	14 25.60	0.6
DMN	72.80	68	P	14 28.30	-0.1
KKN	72.83	68	P	14 27.70	-0.9
PKI	73.04	68	P	14 29.00	-1.0
GUN	73.22	68	P	14 30.70	-0.3
GBA	74.14	84	P	14 37.00	1.0
SIV	75.39	238	eP	14 48.00	4.8X
LZH	81.28	52	eP	15 15.50	0.1

1.4s 13.00nm 4.8
STKA 150.02 94 ePKP 22 49.70 ± X
S.D. = 1.0 on 69 of 85 obs.% DEC 21, 1992 09h 54m 09.28±1.03s
40.461 N ± 9.2km 21.874 E ± 6.7km
DEPTH = 5.0km (geophysicist)

GREECE (364)

FNA	0.50	311	ePg	54 18.76	-0.5
			eSg	54 26.80	
LIT	0.59	127	ePg	54 21.12	0.0
			eSg	54 30.68	
GRG	0.64	39	ePg	54 22.12	0.1
OHR	1.04	309	ePg	54 30.00	0.5
KNT	1.05	48	ePg	54 29.40	-0.1

S.D. = 0.5 on 5 of 5 obs.

* DEC 21, 1992 09h 54m 30.89±0.98s
6.268 S ± 13.2km 130.758 E ± 25.9km
DEPTH = 33.0km (normal)

4.9mb (2 obs.)

BANDA SEA (280)

MTN	6.55	177	eP	56 07.50	0.1
	0.3s		102.00nm		6.1mb X
			eS	57 16.00	
WB2	14.04	166	iPd	57 45.50	-4.2X
			iS	00 09.20	
QIS	16.60	150	eP	58 23.00	0.2
			eS	01 15.50	
ASPA	17.56	170	eP	58 34.40	-0.5
			eS	01 34.40	
WARB	20.19	191	eP	59 06.00	0.3
GUN	55.05	310	P	04 02.40	-0.1
	0.6s		9.00nm		5.0mb
KKN	55.44	310	P	04 04.80	-0.3
DMN	55.48	310	P	04 05.60	0.1
GKN	56.04	310	P	04 09.60	0.2
	0.5s		6.00nm		4.9mb
CNCB	150.52	141	PKP	14 24.80	7.9X
LPB	150.65	141	ePKP	14 35.00	18.1X
ZOBO	150.82	140	PKP	14 24.80	7.4X

S.D. = 0.3 on 8 of 12 obs.

? DEC 21, 1992 10h 02m 30.66±6.89s
39.196 N ± 47.4km 28.620 E ± 22.5km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.7 (ISK).

DST	0.41	1	iPg	02 38.60	-0.4
			eSg	02 44.60	
KCT	1.07	349	iPn	02 51.90	1.1
EDC	1.29	333	ePn	02 54.00	-0.5
YLV	1.49	23	ePn	02 57.40	-0.1

S.D. = 1.3 on 4 of 4 obs.

% DEC 21, 1992 10h 38m 32.94±0.90s
39.094 N ± 7.8km 27.625 E ± 9.3km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.7 (ISK).

IZM	0.75	202	ePg	38 47.50	-0.2
			eSg	38 59.50	
DST	0.93	56	ePn	38 51.10	0.4
EZN	1.24	306	ePn	38 56.40	0.4
BNT	1.28	10	ePn	38 56.00	-0.7
KCT	1.28	26	iPn	38 56.90	0.1

S.D. = 0.6 on 5 of 5 obs.

? DEC 21, 1992 10h 54m 42.11±1.18s
30.503 S ± 25.6km 178.590 W ± 23.5km
DEPTH = 10.0km (geophysicist)

4.8mb (2 obs.)

KERMADEC ISLANDS, NEW ZEALAND (178)

RAO	1.38	25	eP	55 07.50	0.2
			iS	55 24.00	
PUZ	7.99	198	eP	56 32.70	-8.3X
			eS	58 01.40	
URZ	8.51	203	eP	56 40.70	-7.6X
			eS	58 15.60	
MNG	11.18	204	eP	57 13.30	-11.7X
			eS	59 13.50	
STKA	33.96	257	iPd	01 29.10	1.3

21d 11h

ASPA 42.60 267 eP 02 39.00 -1.2
1.2s 10.30nm 4.4mb
WB2 43.58 273 iPc 02 48.20 0.0
0.3s 15.10nm 5.3mb
KAF 144.47 340 iPKP 14 13.40 -6.2X
1.7s 56.40nm
NUR 146.23 339 iPKP 14 19.60 -3.0X
0.5s 5.80nm
NAO 149.03 351 PKP 14 27.40 0.3
0.6s 2.30nm
HFS 149.24 348 ePKP 14 26.70 -0.7
0.7s 1.80nm
BCAO 149.45 215 iPKPc 14 29.20 0.0
0.2s 32.00nm
S.D. = 1.0 on 7 of 12 obs.

% DEC 21, 1992 11h 10m 04.62 ± 0.72s
36.555 N ± 6.3km 4.495 W ± 5.7km
DEPTH = 68.3 ± 12.6 km
STRAIT OF GIBRALTAR (385)

MAL 0.19 21 iPg 10 14.00 -1.1
iSg 10 17.40
EPRU 0.72 305 iPg 10 20.49 0.6
eSg 10 29.60
EJIF 0.79 263 iPg 10 20.62 -0.1
eSg 10 30.60
EGUA 0.80 69 iPg 10 20.09 -0.7
eSg 10 31.60
ALJ 0.90 278 iP 10 27.00 4.9X
ECOG 1.04 46 iPg 10 24.99 1.1
eSg 10 37.10
PLAT 1.11 247 eP 10 26.00 1.3
EHOR 1.40 335 iPnd 10 28.13 -0.5
eSn 10 45.10
EBAN 1.70 19 iPnd 10 32.85 0.1
eSn 10 52.30
ENIJ 1.88 77 iPnd 10 36.19 1.0
eSn 10 57.70
EHUE 1.97 50 iPnc 10 37.40 0.9
eSn 10 59.90
EVIA 2.61 37 ePn 10 45.47 0.0
eSn 11 14.10
IFR 3.07 190 iPn 10 51.00 -1.0
iSn 11 24.50
EPLA 3.72 341 iPnd 11 00.55 -0.3
eSn 11 41.00
GUD 4.09 4 iPnc 11 05.97 -0.2
ECHE 4.12 41 ePn 11 05.86 -0.6
eSn 11 51.30
ETOR 4.67 23 iPc 11 13.68 -0.6
eSn 12 04.20
S.D. = 0.8 on 16 of 17 obs.

& DEC 21, 1992 11h 44m 02.88s
34.092 N 116.414 W
DEPTH = 3.6km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4.0 (PAS), 3.7 (GS).
Felt (V) at Yucca Valley and
(III) at Beaumont, Highland and
Pioneertown.

PEC 0.65 252 iPc 44 15.05 -0.9
PLM 0.83 287 iPd 44 18.40 -1.0
SSK 1.07 277 iPc 44 22.74 -1.0
GSC 1.25 345 iPd 44 25.70 -1.0
GLA 1.68 128 ePn 44 30.54 -2.8
ISA 2.31 313 ePnc 44 40.25 -2.2
S 45 14.52
TPNV 2.85 3 ePn 44 48.84 -1.4
S 45 30.51
BCH 3.22 291 ePn 44 53.58 -1.7
PHAM 3.71 299 (P) 44 59.34 -2.9
TNP 4.03 351 ePn 45 04.99 -2.0
ePg 45 16.63
MEMM 4.11 331 ePn 45 06.73 -1.2
ePg 45 18.42
BONR 4.15 339 ePn 45 07.47 -1.2
ePg 45 19.70
ARUT 4.41 32 ePn 45 10.55 -1.8
ePg 45 25.87
TUC 5.04 189 ePn 45 16.76 -4.5
CMB 5.08 322 ePn 45 18.77 -3.0
ARN 5.28 309 eP 45 22.20 -2.4
MSU 5.58 37 ePn 45 27.40 -1.7
NTYM 6.62 312 (P) 45 40.21 -3.2

SRU 6.89 42 ePn 45 44.32 -3.1
PV10 7.33 52 ePn 45 50.91 -2.8
PV09 7.34 51 ePn 45 52.08 -1.7
ALQ 8.26 81 (P) 46 09.93 3.3
22 obs. associated

% DEC 21, 1992 12h 35m 28.97 ± 3.53s
33.075 S ± 14.8km 71.790 W ± 28.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

LCCH 0.44 155 iP+ 35 38.60 -0.1
iS 35 44.34
ROCH 0.66 81 iPd 35 41.64 -0.4
iS 35 50.27
TACH 0.92 129 iPd 35 44.86 -0.7
iS 35 55.27
PEL 0.93 95 iP+ 35 45.83 0.1
iS 35 56.90
LNV 0.93 160 iPd 35 45.52 -0.2
iS 35 56.29
JACH 1.08 69 iPd 35 48.24 0.3
iS 36 01.64
PCH 1.20 117 iPd 35 49.35 -0.2
iS 36 03.82
CHCH 1.28 132 iP 35 51.02 0.3
iS 36 05.72
FCH 1.28 102 iPd 35 51.11 0.1
iS 36 06.13
CACH 1.44 137 eP 35 53.75 0.7
iS 36 11.77
S.D. = 0.5 on 10 of 10 obs.

? DEC 21, 1992 12h 35m 58.30 ± 4.54s
43.253 N ± 41.4km 24.117 E ± 14.3km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

SRS 2.17 191 ePb 36 35.30 0.3
eSb 36 58.22
VAY 2.25 211 ePn 36 35.50 -0.6
KNT 2.28 204 ePb 36 36.50 0.0
eSb 37 01.46
SOH 2.49 193 ePn 36 39.42 -0.2
eSn 37 07.38
GRG 2.63 210 ePn 36 42.58 1.1
eSn 37 11.78
ALN 2.76 148 ePn 36 44.38 1.1
eSn 37 15.70
OUR 2.92 182 ePn 36 44.30 -1.3
DMK 3.05 117 ePn 36 47.00 -0.4
S.D. = 1.0 on 8 of 8 obs.

% DEC 21, 1992 13h 02m 34.44 ± 0.79s
41.108 N ± 7.2km 28.438 E ± 8.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

CTT 0.04 351 iPg 02 36.40 -0.1
ISK 0.47 95 ePn 02 43.90 -0.1
KCT 0.86 184 iPn 02 50.90 -0.1
DMK 0.88 325 iPn 02 51.40 0.1
YLV 0.89 127 ePn 02 51.80 0.2
S.D. = 0.2 on 5 of 5 obs.

? DEC 21, 1992 13h 09m 59.32 ± 13.66s
44.513 N ± 12.8km 6.616 E ± 85.5km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 1.4 (GEN).

PZZ 0.35 91 P 10 06.39 0.0
S 10 09.41
8HB 0.57 54 P 10 10.65 0.0
S 10 16.65
STV 0.58 118 P 10 11.15 0.3
S 10 17.65
ENR 0.64 116 P 10 11.86 -0.4
S 10 19.03
S.D. = 0.5 on 4 of 4 obs.

& DEC 21, 1992 13h 39m 27.00s
34.233 N 116.739 W
DEPTH = 1.3km
SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 3.5 (PAS), 3.1 (GS).
Felt.

PEC 0.49 226 iPd 39 36.35 -0.4
SSK 0.79 269 iPc 39 42.00 -0.8
PLM 0.88 187 iPd 39 43.59 -1.1
S 39 56.49
GSC 1.07 357 eP 39 46.99 -1.0
GLA 1.98 126 ePnd 39 59.82 -2.2
ISA 2.02 316 ePn 40 00.59 -2.0
TPNV 2.74 8 (Pn) 40 12.74 -0.3
ePg 40 18.12
BCH 2.91 290 ePn 40 13.86 -1.6
PHAM 3.40 299 (P) 40 20.44 -1.9
MSU 5.64 39 ePn 40 54.30 0.1
10 obs. associated

* DEC 21, 1992 13h 46m 52.99 ± 1.89s
23.980 N ± 8.6km 122.636 E ± 20.2km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWC 0.95 311 iPc 47 10.00 0.0
eS 47 22.90
TWD 0.96 276 ePc 47 09.00 -1.1
eS 47 20.60
TWF1 1.38 243 iPc 47 15.70 -0.4
TWZ 1.47 319 eP 47 19.30 1.9
TWM1 2.33 241 eP 47 30.20 0.3
PIP 5.93 199 eP 48 21.20 0.3
SSE 7.20 350 Pd 48 37.60 -1.0
0.6s 14.00nm 5.1mb X
Z 16s 0.40um 5.3Msz
S.D. = 1.2 on 7 of 7 obs.

* DEC 21, 1992 13h 55m 39.05 ± 0.69s
23.309 S ± 8.1km 66.758 W ± 10.1km
DEPTH = 233.8 ± 9.1 km
JUJUY PROVINCE, ARGENTINA (128)

HJA 1.25 86 iPd 56 14.00 -0.2
S 56 25.00
YJA 1.62 46 iPd 56 16.20 -1.4
SLA 1.83 141 iPd 56 19.50 0.4
S 56 49.20
FSA 2.84 166 ePc 56 20.40 -8.8X
S 57 09.80
ANT 3.38 263 eP 56 36.00 0.7
iS 57 16.50
CCH 5.92 6 P 57 06.00 -0.9
(S) 58 06.00
CNCSB 6.57 350 iPc 57 16.60 1.3
S 58 30.00
LPB 6.86 349 Pc 57 19.80 0.9
S 58 37.00
ZOBO 7.10 349 P 57 22.10 -0.1
S 58 39.00
ARE 8.14 326 eP 57 33.00 -2.2
iS 59 01.60
TCA 8.23 167 iPd 57 36.40 0.3
S 59 06.00
SIV 9.04 37 P 57 48.80 2.3
VAO 18.20 93 eP 59 36.20 -1.1
e 59 39.20
BAO 19.26 70 Pc 59 48.00 -0.1
e 59 49.00
e 59 51.20
e 59 55.90
BDF 19.32 70 Pc 59 48.80 0.0
KIC 67.33 72 P 06 11.20 0.0
S.D. = 1.3 on 15 of 16 obs.

DEC 21, 1992 14h 02m 22.31 ± 0.74s
22.026 S ± 7.3km 68.513 W ± 9.1km
DEPTH = 144.7 ± 12.5 km
NORTHERN CHILE (123)

ANT 2.42 226 eP 03 02.50 -0.2
iS 03 29.20
YJA 2.80 93 iPc 03 07.40 -0.5
HJA 3.10 113 ePd 03 12.00 0.6
CCH 5.13 26 (P) 03 39.00 0.4
CNCSB 5.21 6 P 03 40.20 0.3
LPB 5.48 4 P 03 44.00 0.6
ZOBO 5.72 4 P 03 46.00 -0.8
SIV 9.25 51 eP 04 33.00 -0.6
e 06 10.00

KIC 68.50 73 P 13 11.40 0.1
S.D. = 0.7 on 9 of 9 obs.

* DEC 21, 1992 14h 29m 33.95± 2.21s
36.738 N ± 16.9km 71.606 E ± 9.2km
DEPTH = 83.8 ± 28.7 km
5.0mb (9 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG. (717)

QUE 7.60 212 eP 31 22.80 -1.4
eS 32 45.50

NDI 9.32 148 eP 31 50.00 2.5
0.5s 14.08nm 5.1mb

MAIO 9.76 271 eP 31 54.00 0.4
0.8s 38.25nm 5.4mb

GKN 14.03 125 P 32 50.04 -0.2
KKN 14.60 124 P 32 56.90 -0.7

DMN 14.60 125 P 32 57.82 0.1
0.4s 45.00nm 5.1mb

PKI 14.83 124 P 33 00.06 -0.7
0.5s 47.00nm 5.0mb

GUN 14.92 122 P 33 01.24 -0.7
0.4s 36.00nm 5.0mb

GBA 23.62 166 P 34 38.50 0.3
S 39 12.50

NUR 37.92 324 eP 36 45.00 0.7
0.3s 3.30nm 4.7mb

HFS 43.18 322 ePKP 37 27.50 -0.1
0.4s 4.60nm 4.7mb

NAO 44.65 323 P 37 39.20 -0.4
0.6s 4.20nm 4.4mb

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

* DEC 21, 1992 14h 36m 55.95± 1.15s
40.229 N ± 10.1km 29.535 E ± 8.6km

DEPTH = 10.0km (geophysicist)
TURKEY (366)

MD 2.7 (ISK).

YLV 0.36 340 iPg 37 03.00 -0.4
eSg 37 08.30

EYL 0.58 54 ePg 37 08.00 0.2
KCT 0.90 272 iPn 37 12.80 -0.4

DST 0.93 229 iPn 37 13.50 -0.3
BNT 1.24 276 ePn 37 20.00 1.0

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

* DEC 21, 1992 16h 19m 33.92± 1.27s
8.735 S ± 20.6km 118.473 E ± 9.4km

DEPTH = 149.9 ± 21.1 km
4.8mb (3 obs.)

SUMBAWA REGION, INDONESIA (285)

KUPT 5.26 106 eP 20 53.00 1.4
eS 21 46.70

TRT 5.87 280 iPd 20 59.80 0.0
0.8s 58.00nm 4.9mb

MBL 12.42 174 eP 22 12.00 -14.8X
0.4s 10.00nm

MTN 13.09 109 eP 22 33.40 -1.9
0.4s 136.00nm 5.7mb X

NANU 14.04 191 eP 22 46.50 -0.9
eS 25 12.00

MEEK 17.81 180 eP 23 34.00 0.1
eS 26 39.00

WB2 18.98 128 iPc 23 45.40 -1.0
0.4s 21.00nm 4.8mb

WARB 19.01 157 iPc 23 47.80 1.1
0.5s 26.00nm 4.8mb

MRWA 20.51 186 eP 24 02.00 0.0
eS 27 15.00

QIS 23.55 122 eP 24 32.70 0.9
FORT 23.69 159 eP 24 34.00 0.9

STKA 31.49 140 eP 25 43.00 -0.6
S.D. = 1.2 on 11 of 12 obs.

* DEC 21, 1992 16h 24m 21.78± 0.85s
43.415 N ± 5.1km 5.410 E ± 6.4km

DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)

ML 2.9 (STR).

GELF 0.03 158 Pg 24 23.81 0.0
TREF 0.21 355 Pg 24 25.76 -0.6

BERF 0.23 117 Pg 24 26.81 0.1
PUYF 0.24 61 Pg 24 25.83 -1.1

PRAF 0.43 336 Pg 24 30.56 0.1
VILF 0.49 27 Pg 24 31.54 -0.2

TAVF 0.51 67 Pg 24 31.24 -0.9
CALN 1.13 72 Pg 24 43.70 0.7

SVIF 1.35 69 Pn 24 47.23 0.4
TOUF 1.46 65 Pn 24 48.20 -0.2

AURF 1.47 71 Pn 24 48.46 0.1
SBF 1.54 72 Pn 24 49.55 0.2

AUTN 1.57 68 Pn 24 50.41 0.4
SAOF 1.66 69 Pn 24 51.30 0.3

DOI 1.71 50 P 24 53.00 1.1
eSn 25 17.60

BNi 1.87 29 P 24 57.70 3.4X
eSn 25 22.30

CKI 2.31 63 P 25 01.30 0.9
eSn 25 30.50

PGF 2.77 107 Pn 25 06.02 -1.1
S.D. = 0.7 on 17 of 18 obs.

* DEC 21, 1992 16h 32m 30.22± 6.88s
32.278 S ± 44.1km 71.855 W ± 30.1km

DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

MD 3.8 (SAN).

ROCH 0.99 134 iPd 32 49.16 0.0
iS 33 03.11

JACH 1.14 111 iPd 32 51.27 -0.4
iS 33 06.43

LCCH 1.22 169 iP+ 32 52.79 -0.1
iS 33 08.81

PEL 1.31 132 iPd 32 54.26 -0.2
iS 33 11.71

TACH 1.57 151 eP 32 57.46 -0.8
iS 33 19.50

FCH 1.68 129 iPd 33 00.24 0.1
iS 33 23.24

LNv 1.71 168 iP+ 32 59.46 -0.8
iS 33 23.98

PCH 1.75 140 eP 33 01.31 0.4
iS 33 24.39

CACH 2.11 150 iP 33 07.93 1.7
iS 33 36.89

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

* DEC 21, 1992 16h 41m 18.09± 1.66s
23.767 S ± 14.7km 66.693 W ± 12.7km

DEPTH = 203.5 ± 28.9 km
JUJUY PROVINCE, ARGENTINA (128)

HJA 1.30 65 ePd 41 51.00 0.3
S 42 17.90

SLA 1.45 131 iPd 41 51.80 -0.4
YJA 1.93 35 ePc 41 37.30 -19.7X

FSA 2.39 165 iPd 42 01.00 -0.3
ANT 3.41 270 eP 42 14.00 0.7

CNCB 7.03 350 P 43 00.90 0.9
LPB 7.32 349 eP 43 02.00 -1.8

ZOBO 7.56 349 P 43 06.80 -0.4
i 44 35.00

SIV 9.37 35 eP 43 31.00 0.9
S.D. = 1.2 on 8 of 9 obs.

* DEC 21, 1992 16h 47m 12.03± 1.09s
25.764 N ± 15.0km 128.247 E ± 18.7km

DEPTH = 33.0km (normal)
4.6mb (8 obs.)

RYUKYU ISLANDS (238)

BJI 17.45 328 eP 51 15.00 0.6
Z 20s 0.90um

KMI 23.04 274 Pc 52 17.20 1.6
1.0s 30.00nm 4.7mb

LZH 23.27 302 eP 52 16.80 -0.9
1.0s 15.00nm 4.5mb

Z 15s 0.44um 4.0mszX

E 14s 0.36um
GUN 37.73 283 P 54 26.92 -0.6

0.4s 7.00nm 4.9mb
PKI 38.19 282 P 54 30.34 -0.1

KKN 38.27 283 P 54 31.16 -0.1
0.6s 21.00nm 5.1mb

DMN 38.45 283 P 54 32.52 -0.4
GKN 38.81 283 P 54 35.40 -0.5

WB2 45.82 172 eP 55 32.70 0.0
0.7s 5.20nm 4.6mb

SLL 79.21 333 eP 59 14.20 -0.8
0.5s 2.40nm 4.5mb

NAO 80.02 334 P 59 18.60 -0.8
0.5s 1.00nm 4.1mb

GEC2 85.58 323 P 59 50.50 2.1
e 59 58.90

e 00 00.40
S.D. = 1.1 on 12 of 12 obs.

* DEC 21, 1992 17h 11m 00.46± 0.52s
39.782 N ± 7.7km 25.684 E ± 3.7km

DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

MD 3.3 (ISK).

EZN 0.50 85 iPg 11 10.30 -0.2
iSg 11 19.30

ALN 1.15 14 ePg 11 22.26 0.4
eSg 11 37.70

OUR 1.42 293 ePb 11 25.70 -0.5
PAIG 1.55 276 ePb 11 28.18 0.1

eSb 11 49.26
EDC 1.77 71 ePn 11 30.00 -1.3

BNT 1.81 71 iPn 11 32.10 0.2
IZM 1.85 138 ePn 11 32.60 0.1

SOH 2.06 301 ePn 11 35.78 0.2
KCT 2.10 76 ePn 11 36.70 0.5

DST 2.28 93 iPn 11 39.30 0.5
KNT 2.53 304 ePn 11 42.46 0.2

VAY 2.83 304 ePn 11 55.70 9.2X
YLV 2.93 73 ePn 11 48.00 0.0

S.D. = 0.5 on 12 of 13 obs.

* DEC 21, 1992 17h 37m 39.44± 0.65s
7.318 S ± 7.2km 120.338 E ± 7.9km

DEPTH = 398.9 ± 9.0 km
4.7mb (8 obs.)

FLORES SEA (279)

KUPT 4.28 131 eP 38 55.20 0.5
eS 39 43.00

TRT 7.65 267 ePd 39 31.00 -0.1
0.8s 58.00nm 4.8mb

MTN 11.96 118 eP 40 20.30 -1.3
0.3s 191.00nm 6.0mb X

MBL 13.77 182 eP 40 26.30 -14.8X
eS 44 37.50

NANU 15.85 196 iPd 41 02.50 -0.5
0.6s 39.00nm 5.0mb

WB2 18.50 134 iPc 41 29.70 -0.1
eS 44 37.50

MEEK 19.28 185 iPd 41 38.00 0.5
IPM 22.61 301 ePd 42 09.70 0.5

QIS 22.83 127 eP 42 11.00 -0.2
FORT 24.44 164 eP 42 25.00 -0.8

RKG 27.29 186 eP 42 52.00 0.7
NNT 28.47 314 eP 43 03.20 1.3

STKA 31.46 144 iPd 43 27.90 0.2
CHG 33.46 321 eP 43 45.50 0.7

BFD 35.94 149 iPc 44 06.80 1.4
0.4s 9.00nm 4.5mb

CD2 41.20 338 eP 44 49.50 0.8
XAN 42.53 346 eP 44 59.30 -0.1

KOD 46.11 292 eP 45 28.00 -0.1
LSA 46.28 324 Pc 45 30.60 1.2

0.6s 8.00nm 4.2mb
GBA 47.40 296 P 45 36.70 -0.9

HYB 48.05 301 eP 45 41.50 -1.1
GUN 48.32 318 Pc 45 44.60 -0.3

0.7s 60.00nm 5.0mb
PKI 48.42 317 Pc 45 44.82 -0.8

0.7s 22.00nm 4.6mb
DMN 48.65 317 Pc 45 46.68 -0.6

0.8s 36.00nm 4.7mb
KKN 48.65 317 Pc 45 46.58 -0.6

0.9s 28.00nm 4.6mb

21d 17h

GKN 49.22 317 Pc 45 50.86 -0.6
 CNCB 154.66 161 ePKP 56 51.00 3.5X
 ZOBO 155.09 160 ePKP 57 01.00 12.8X
 SIV 156.80 177 PKP 57 27.80 38.1X
 e 58 04.00

S.D. = 0.8 on 25 of 29 obs.

? DEC 21, 1992 17h 45m 28.09 ± 6.84s
 15.038 N ± 13.9km 60.323 W ± 63.3km
 DEPTH = 31.3 ± 11.0 km

LEEWARD ISLANDS (92)
 ML 2.9 (FDF).

CRM 0.64 244 iPd 45 40.59 -0.2
 S 45 49.50
 MVM 0.73 229 iPd 45 41.97 -0.2
 S 45 52.00
 FDF 0.86 249 iPd 45 43.80 -0.1
 S 45 55.40
 BIM 0.89 234 iPd 45 44.33 -0.1
 S 45 56.60
 MGG 1.30 313 eP 45 50.00 -0.1
 S 46 06.00

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

DEC 21, 1992 18h 10m 22.17 ± 0.44s
 44.107 N ± 4.7km 11.382 E ± 3.6km

DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 MD 3.0 (FIR).

FIR 0.34 195 ePg 10 29.00 -0.2
 iSg 10 35.00
 SFI 0.39 119 P 10 29.80 -0.3
 eSg 10 36.20
 MME 0.50 280 P 10 32.20 -0.1
 eSg 10 42.40
 BDI 0.57 266 P 10 34.10 0.4
 eSg 10 42.60
 CRE 0.63 139 P 10 35.00 0.1
 eSg 10 44.20
 PII 0.73 238 P 10 36.40 -0.1
 eSg 10 49.10
 RSM 0.79 103 P 10 38.40 0.8
 eSg 10 49.50
 ARV 1.28 118 P 10 45.90 -0.1
 BOB 1.53 296 P 10 53.20 3.5X
 TRI 2.33 46 e(Pn) 11 00.00 -1.1
 e 11 07.60
 e(Sn) 11 29.70
 e(Sg) 11 41.10
 FVI 2.67 21 P 11 06.40 0.4
 RBL 2.80 33 P 11 08.10 0.2

S.D. = 0.6 on 11 of 12 obs.

DEC 21, 1992 18h 27m 19.45 ± 0.75s
 44.164 N ± 7.9km 11.348 E ± 4.5km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
 MD 2.9 (FIR).

FIR 0.39 190 ePg 27 27.00 -0.5
 iSg 27 35.00
 PGD 0.39 137 P 27 26.00 -1.0
 SFI 0.44 124 P 27 29.10 0.8
 eSg 27 35.50
 MME 0.47 274 Pc 27 29.70 0.7
 eSg 27 38.60
 BDI 0.55 260 P 27 30.80 0.1
 eSg 27 40.10
 CRE 0.69 141 P 27 32.60 -0.6
 eSg 27 44.10
 PII 0.74 234 P 27 33.60 -0.4
 eSg 27 44.40
 RSM 0.83 106 P 27 35.90 0.4
 ARV 1.33 119 P 27 45.60 1.6
 BOB 1.49 295 P 27 50.20 3.9X
 TRI 2.31 47 e(P) 27 56.80 -1.3
 e 28 27.20
 e 28 43.00

S.D. = 1.0 on 10 of 11 obs.

DEC 21, 1992 18h 43m 22.17 ± 0.59s
 43.137 N ± 5.3km 146.156 E ± 5.2km
 DEPTH = 84.3 ± 5.0 km

4.7mb (38 obs.)
 KURIL ISLANDS (221)

KUSJ 1.06 268 P 43 41.90 -0.5
 S 43 55.60
 HOOJ 2.24 251 P 43 59.80 1.8
 S 44 27.40
 KUR 2.43 30 ePn 44 00.50 -0.1
 iS 44 28.00
 ASAJ 2.73 292 iP+ 44 06.70 1.9
 MRRJ 3.81 261 P 44 20.50 0.9
 eS 45 02.40
 YSS 4.58 329 iPnd 44 29.20 -1.2
 iS 45 17.80
 AOMJ 5.03 241 P 44 36.20 -0.4
 S 45 31.40
 OFUJ 5.28 221 P 44 39.20 -1.0
 S 45 35.40
 YAMJ 6.80 225 eP 45 00.60 -0.6
 S 46 14.20
 NIJJ 8.04 225 P 45 20.90 2.7X
 KAKJ 8.32 216 P 45 20.70 -1.3
 S 46 46.80
 CHJJ 8.98 220 P 45 31.40 0.3
 S 47 04.10
 MAT 8.98 225 (P) 45 31.00 -0.1
 0.8s 7.46nm 4.6mb
 (S)

SKR 10.14 39 ePn 45 40.90 -5.9X
 CN2 15.05 280 eP 46 48.00 -3.4X
 1.0s 9.30nm 4.0mb
 SNY 16.70 273 iPd 47 14.40 2.3X
 0.5s 26.00nm 4.7mb
 YAK 21.27 338 eP 47 58.00 -4.9X
 e 51 50.00
 BJI 22.58 272 eP 48 15.50 -0.6
 1.0s 44.00nm 4.8mb
 TIA 23.32 263 eP 48 24.20 0.9
 0.8s 51.00nm 5.0mb
 HHC 25.71 277 eP 48 46.00 -0.1
 1.2s 49.00nm 4.9mb
 BTO 26.90 277 eP 48 57.00 0.0
 ZAK 29.91 299 iPc 49 23.70 -0.1
 1.1s 30.00nm 4.9mb
 XAN 30.28 265 P 49 27.00 -0.3
 MOY 31.30 302 eP 49 36.10 0.1
 LZH 33.07 272 iPc 49 52.00 0.2
 0.8s 32.00nm 5.2mb
 CD2 35.62 264 eP 50 13.60 0.0
 BRW 39.36 25 eP 50 38.80 -5.5X
 IMA 39.59 34 eP 50 46.28 -0.2
 0.5s 2.74nm 4.4mb

KMI 39.68 257 eP 50 50.50 2.7X
 ELT 40.07 306 eP 50 49.10 -1.3
 1.2s 40.00nm 5.2mb
 WMO 41.65 292 iPc 51 04.30 0.7
 FBA 42.02 36 eP 51 07.41 1.2
 0.8s 5.22nm 4.4mb
 SEM 44.38 303 iP 51 26.00 0.5
 1.0s 107.00nm 5.6mb
 CHG 46.42 254 eP 51 54.70 12.6X
 BRVK 49.38 310 iPc 52 03.50 -1.2
 1.0s 21.00nm 5.1mb

GUN 50.33 273 Pc 52 12.74 0.1
 FRU 50.80 296 eP 52 17.00 1.3
 KKN 50.83 273 Pc 52 16.34 0.0
 0.8s 42.00nm 5.5mb
 PKI 50.86 273 Pc 52 16.50 -0.2
 DMN 51.06 273 Pc 52 18.24 0.1
 GKN 51.18 274 Pc 52 18.94 0.0
 0.4s 19.00nm 5.5mb
 KSH 51.44 291 P 52 21.20 0.5
 1.3s 90.00nm 5.6mb

RES 55.76 16 eP 52 51.50 -0.4
 0.5s 10.00nm 5.1mb
 KTK1 60.51 340 eP 53 23.09 -2.0
 HYB 62.03 268 eP 53 35.00 -1.1
 LOF 63.51 342 eP 53 39.53 -5.6X
 WB2 63.70 192 eP 53 46.50 -0.3
 0.8s 5.80nm 4.6mb
 KAF 64.54 333 iP 53 50.20 -1.6
 0.7s 21.40nm 5.2mb

G8A 65.32 266 P 53 58.00 0.6
 OBN 65.37 323 iPc 53 55.00 -2.3
 1.2s 35.00nm 5.2mb
 ORV 65.86 58 eP 54 00.80 0.1
 NUR 66.25 333 iP 54 01.50 -1.3
 0.3s 17.10nm 5.5mb
 LRM 67.30 48 eP 54 09.60 -0.5
 TNP 69.40 57 eP 54 23.45 0.3

HFS 0.7s 6.43nm 4.6mb
 69.97 337 eP 54 24.60 -1.3
 0.3s 6.70nm 4.9mb
 NAO 70.19 339 P 54 26.00 -1.3
 0.6s 4.00nm 4.5mb
 DUG 70.69 53 eP 54 31.00 0.1
 BW06 70.85 49 eP 54 31.29 -0.6
 0.5s 1.31nm 4.1mb
 RSSD 72.90 45 eP 54 43.79 -0.2
 0.9s 2.56nm 4.1mb
 PV10 74.09 52 eP 54 52.20 1.2
 CLL 77.52 332 iPd 55 10.70 0.9
 PRU 78.08 330 eP 55 14.20 1.3
 e 55 32.00
 EKA 78.50 343 P 55 15.00 -0.1
 0.7s 4.10nm 4.4mb
 KHC 79.14 330 P 55 19.00 0.2
 GEC2 79.34 330 P 55 19.40 -0.5
 0.7s 0.95nm 3.8mb
 e 55 21.30
 CDF 81.92 334 eP 55 34.70 1.2
 0.9s 4.60nm 4.4mb
 GRR 84.34 339 eP 55 46.40 0.6
 0.6s 3.70nm 4.6mb

SMF 84.57 335 eP 55 47.10 0.1
 0.8s 4.55nm 4.5mb
 AVF 84.59 335 eP 55 47.10 0.1
 0.7s 2.75nm 4.4mb
 LPL 84.63 333 eP 55 47.90 0.3
 0.7s 1.55nm 4.1mb
 LPG 84.64 333 eP 55 48.70 1.0
 0.8s 2.70nm 4.3mb
 BGF 84.95 336 eP 55 49.50 0.6
 0.9s 4.60nm 4.5mb
 MAF 85.34 336 eP 55 51.60 0.8
 1.1s 9.50nm 4.7mb
 LSF 85.62 336 eP 55 52.70 0.5
 0.7s 4.95nm 4.6mb
 MFF 85.78 337 eP 55 53.50 0.5
 0.7s 4.20nm 4.6mb
 SIV 144.35 49 ePKP 02 52.00 1.7
 S.D. = 0.9 on 67 of 76 obs.

& DEC 21, 1992 18h 49m 03.50s
 34.485 N 116.451 W
 DEPTH = 3.3km
 SOUTHERN CALIFORNIA (43)
 <PAS>-P>. ML 3.0 (PAS).

PEC 0.83 225 iPd 49 18.90 -1.2
 GSC 0.87 340 eP 49 19.71 -1.1
 SSK 1.06 255 eP 49 23.11 -1.2
 eS 49 37.46
 PLM 1.18 197 ePd 49 25.24 -1.0
 GLA 1.97 136 (Pn) 49 33.39 -4.7
 ISA 2.03 306 (P) 49 39.10 0.0
 TPNV 2.46 4 (P) 49 45.61 0.2
 TNP 3.64 350 (Pg) 50 11.44 9.3
 BONR 3.77 337 ePg 50 14.02 9.9
 MSU 5.29 39 (P) 50 31.14 5.5
 10 obs. associated

DEC 21, 1992 19h 31m 42.14 ± 0.68s
 33.752 S ± 5.5km 71.419 W ± 5.9km
 DEPTH = 31.5 ± 3.7 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.3 (SAN). Felt (III) at
 Santiago. Also felt at Quillota,
 Olmue, Santo Domingo and El
 Tobo.

LNV 0.20 178 iP+ 31 48.54 0.0
 LCCH 0.30 335 iP+ 31 49.54 -0.3
 TACH 0.41 76 iPd 31 51.98 0.6
 CHCH 0.66 106 iPd 31 55.32 0.1
 SAN 0.70 65 iPd 31 56.06 0.3
 iS 32 07.67
 IHA 0.75 346 eP 31 56.23 -0.1
 iS 32 03.70
 PCH 0.77 80 iPd 31 56.83 0.1
 CACH 0.77 118 iP 31 57.33 0.5
 iS 32 09.25
 ROCH 0.85 24 iPd 31 58.17 0.1
 PEL 0.86 45 iP+ 31 58.73 0.7
 (S) 32 14.04
 FCH 1.03 66 iPd 32 01.05 0.3
 JACH 1.27 33 eP 32 04.07 0.1

RFA 2.65 113 iP 32 23.80 0.1
CFA 3.43 52 e(P) 32 34.90 0.1
RTLL 3.47 47 ePc 32 35.00 -0.3
(S) 33 25.00
MRA 4.98 76 ePc 32 56.00 -0.6
TCA 6.25 69 e(P) 33 13.00 -1.6
CNCB 17.15 11 eP 35 42.00 0.3
LPB 17.41 11 (P) 35 45.00 0.3
ZOBO 17.64 10 P 36 05.00 17.2X

S.D. = 0.6 on 19 of 20 obs.

DEC 21, 1992 20h 43m 15.51± 0.49s
49.170 N ± 3.9km 6.966 E ± 5.6km
DEPTH = 5.0km (geophysicist)

GERMANY (543)

ML 2.5 (STR).

RUP 0.54 7 ePg 43 26.01 -0.2
LANF 0.58 109 Pg 43 27.85 0.7
WLF 0.73 313 iPd 43 29.16 -0.9
iS 43 38.74
CDF 0.79 165 Pg 43 30.57 -0.7
WLS 0.80 161 Pg 43 30.40 -1.2
ABH 0.81 28 ePg 43 31.17 -0.5
ECH 0.96 172 Pg 43 33.96 -0.4
Sg 43 46.22
VITF 1.15 215 Pg 43 36.68 -0.9
MOF 1.32 175 Pg 43 40.90 0.4
Sg 43 58.48
TNS 1.43 42 ePnd 43 43.30 1.1
eSn 44 01.70
eSg 44 05.40
FEL 1.47 151 Pg 43 43.93 1.1
ENN 1.73 338 ePn 43 48.00 1.6
0.4s 39.00nm
eS 44 12.50

DOU 1.80 302 P 43 47.00 -0.4
S 44 09.10
i 44 11.00
LOMF 1.82 183 Pg 43 49.96 2.1
GRF 2.83 78 ePg 44 10.50 8.3X
eSg 44 50.00
KHC 4.34 88 Pg 44 22.50 -1.2
Sg 44 43.00
GEC2 4.45 92 Pn 44 24.20 -1.0
Pg 44 39.30
Sg 45 44.50

S.D. = 1.1 on 16 of 17 obs.

% DEC 21, 1992 20h 50m 48.52± 1.02s
39.984 N ± 8.7km 23.306 E ± 5.0km
DEPTH = 5.0km (geophysicist)

AEGEAN SEA (365)

PAIG 0.29 101 ePg 50 54.42 0.0
eSg 50 58.70
OUR 0.62 56 ePg 51 01.02 0.0
eSg 51 09.98
LIT 0.64 281 ePg 51 01.34 0.1
eSg 51 10.38
SOH 0.84 2 ePg 51 04.90 -0.3
SRS 1.15 11 ePg 51 10.74 0.2
eSg 51 27.06
GRG 1.19 325 ePb 51 10.94 -0.3
eSb 51 28.50
KNT 1.22 345 ePb 51 11.94 0.3
eSb 51 29.18

S.D. = 0.3 on 7 of 7 obs.

& DEC 21, 1992 21h 04m 29.82s
57.582 N 156.555 W
DEPTH = 96.3km

ALASKA PENINSULA (12)
<AEIC>.

MCNL 1.99 35 iP 05 01.20 -1.4
S 05 25.24
CDD 2.05 47 iP 05 01.91 -1.5
S 05 27.45
KDC 2.19 84 eP 05 05.62 0.4
S 05 33.37
AUI 2.41 42 eP 05 07.06 -1.1
S 05 35.69
AUW 2.42 41 eP 05 07.13 -1.2
AUH 2.42 41 eP 05 07.49 -1.0
SYI 2.44 63 eP 05 06.77 -1.8
AUE 2.44 42 eP 05 07.48 -1.2

PDB 2.53 28 iP 05 08.47 -1.4
OPT 2.71 39 eP 05 10.87 -1.5
INW 3.06 34 eP 05 15.81 -1.4
INE 3.08 35 eP 05 16.09 -1.4
ILIM 3.13 35 eP 05 16.80 -1.2
SDN 3.14 226 P 05 19.80 1.7
CNPM 3.40 53 eP 05 19.19 -2.6
RS1 3.49 33 eP 05 21.54 -1.6
RS2 3.49 33 eP 05 21.35 -1.9
RDW 3.49 32 eP 05 21.35 -1.9
RSO 3.49 33 eP 05 21.56 -1.7
NCT 3.53 31 eP 05 21.96 -1.6
REF 3.53 33 eP 05 22.07 -1.7
DFR 3.62 32 eP 05 23.23 -1.6
CKL 4.22 29 eP 05 32.20 -0.9
CKT 4.26 30 eP 05 31.93 -1.7
BGL 4.26 28 eP 05 32.46 -1.2
SPU 4.28 31 eP 05 32.09 -1.8
CKN 4.28 30 eP 05 32.98 -1.0
CP2 4.30 29 iP 05 33.48 -0.9
SLKM 4.39 45 eP 05 33.37 -2.1
CGLM 4.40 30 eP 05 33.80 -1.8
SEW 4.47 53 eP 05 33.35 -3.1
MPA 4.72 49 eP 05 37.06 -2.9
SUA 4.89 35 eP 05 40.36 -2.0

33 obs. associated

DEC 21, 1992 21h 11m 40.44± 0.52s
39.318 N ± 4.4km 28.723 E ± 4.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.3 (ISK).

DST 0.30 346 iPg 11 46.70 0.0
eSg 11 51.70
KCT 0.97 343 iPn 11 59.00 0.1
ALT 1.11 103 iPn 12 00.80 -0.5
BNT 1.21 329 iPn 12 04.00 1.1
EDC 1.22 327 iPn 12 03.00 -0.2
YLV 1.34 22 iPn 12 04.60 -0.6
IZM 1.46 232 ePn 12 06.90 0.0
GPA 1.56 51 ePn 12 08.60 0.3
GBZT 1.57 20 ePg 12 08.00 -0.4
EYL 1.66 41 iPn 12 10.60 0.7
ISK 1.76 8 ePn 12 12.00 0.8
CIN 1.79 196 eP 12 12.00 0.5
EZN 1.92 286 ePn 12 13.00 -0.5
DMK 2.61 344 ePn 12 22.00 -1.3

S.D. = 0.7 on 14 of 14 obs.

& DEC 21, 1992 21h 33m 02.59s

61.428 N 146.189 W

DEPTH = 37.1km

SOUTHERN ALASKA (2)

<AEIC>. ML 2.6 (AEIC).

KLU 0.14 63 iP 33 08.94 -0.3
VLZ 0.31 193 iP 33 10.01 -0.6
S 33 16.28
eS 33 16.42
SCM 0.68 307 iP 33 14.74 -1.1
iS 33 24.69
TOA 0.68 1 P 33 15.30 -0.5
FID 0.69 192 eP 33 15.72 -0.3
GLI 0.70 219 iP 33 15.09 -1.0
iS 33 25.59
TZL 0.72 30 eP 33 15.67 -0.6
CVA 0.91 166 eP 33 18.58 -0.4
HIN 1.05 189 eP 33 20.40 -0.6
SGAM 1.05 152 eP 33 20.14 -0.8
KNK 1.09 270 iP 33 21.14 -0.5
GLB 1.14 88 iP 33 21.28 -1.1
eS 33 37.10
eS 33 37.28
SDG 1.14 15 eP 33 21.51 -0.9
S 33 36.21
RAGM 1.28 144 eP 33 23.74 -0.6
KNIM 1.32 216 eP 33 24.27 -0.6
PLRM 1.42 278 eP 33 25.51 -0.7
S 33 42.83
HMT 1.45 138 eP 33 26.01 -0.7
PTE 1.49 249 eP 33 26.78 -0.4
PAX 1.59 12 eP 33 28.24 -0.6
LTI 1.61 211 eP 33 28.37 -0.8
CROM 1.63 113 eP 33 28.46 -1.0
PMS 1.64 265 eP 33 29.20 -0.3
PWA 1.78 279 eP 33 31.11 -0.4

MPA 1.81 240 eP 33 31.06 -0.9
BALM 1.90 100 eP 33 31.98 -1.3
SNH 2.07 126 eP 33 35.03 -0.5
SEW 2.08 232 eP 33 34.95 -0.7
SLKM 2.17 247 eP 33 36.25 -0.8
SUA 2.19 273 eP 33 36.43 -1.0
RND 2.34 329 eP 33 39.39 -0.2
CTGM 2.40 99 eP 33 39.58 -0.9
YAH 2.42 114 eP 33 40.04 -0.8
TRF 2.78 319 eP 33 43.98 -2.0
CGLM 2.80 270 eP 33 46.05 -0.1
CKT 2.91 268 eP 33 47.52 -0.2
CKL 2.97 268 eP 33 46.66 -2.0
CNPM 3.14 235 eP 33 49.24 -1.7
DFR 3.27 258 eP 33 50.85 -1.9
NCT 3.40 258 eP 33 52.33 -2.2

39 obs. associated

DEC 21, 1992 21h 36m 05.00± 0.55s
33.034 S ± 6.7km 68.758 W ± 5.8km
DEPTH = 10.0km (geophysicist)

MENDOZA PROVINCE, ARGENTINA (139)

MD 3.9 (SAN).

FCH 1.32 257 iPd 36 28.22 -1.4
CFA 1.49 17 ePd 36 32.60 0.8
S 36 53.00
PCH 1.58 248 iPd 36 33.03 -0.2
iS 36 53.57
JACH 1.58 282 iPd 36 32.56 -0.7
iS 36 52.30
PEL 1.62 266 iP+ 36 33.08 -0.7
iS 36 53.95
RTLL 1.72 8 iPd 36 35.60 0.4
S 36 58.00
RFA 1.75 172 iP 36 34.80 -0.8
CHCH 1.82 240 iPd 36 37.14 0.5
iS 37 00.41
CACH 1.88 234 iP 36 38.66 1.1
iS 37 03.01
ROCH 1.89 271 iPd 36 38.00 0.1
iS 37 02.57
TACH 1.93 251 iPd 36 38.42 0.3
iS 37 02.85
LCCH 2.40 259 iPd 36 45.56 0.7
iS 37 15.40
LNV 2.40 247 eP 36 45.70 0.8
iS 37 17.48
TCA 3.92 66 ePd 37 07.00 0.4
S 38 09.00
CYA 5.24 30 ePd 37 24.00 -1.3
(S) 38 18.00

S.D. = 0.8 on 15 of 15 obs.

DEC 21, 1992 21h 45m 46.93± 0.32s
10.350 S ± 5.8km 123.465 E ± 8.8km
DEPTH = 33.0km (normal)

5.3mb (21 obs.).

TIMOR REGION, INDONESIA (289)

KUPT 0.24 35 iPd 45 55.00 1.1
MKS 6.45 322 iPc 47 29.40 7.2X
MTN 7.91 109 eP 47 34.20 -8.4X
0.4s 169.00nm 6.5mb X
eS 48 57.00
PCI 10.05 339 ePc 48 18.00 5.8X
e 49 31.50
MBL 11.30 198 eP 48 13.00 -16.2X
0.3s 15.00nm
eS 50 15.00
WB2 14.18 134 eP 48 56.20 -11.5X
eS 51 24.10
NANU 14.32 211 eP 49 09.50 0.1
0.4s 25.00nm 5.2mb
eS 51 43.00
TSM 15.58 339 eP 49 24.50 -1.3
WARB 16.03 170 eP 49 27.00 -4.7X
eS 52 20.00
MEEK 16.84 195 eP 49 40.50 -1.4
eS 52 39.00
FORT 20.77 169 eP 50 25.50 -2.2
PLP 21.43 4 ePc 50 34.00 -0.4
CTA 24.00 116 P 51 00.50 0.7
STKA 27.21 145 iPc 51 28.10 -1.6
eS 56 25.40
STK 27.21 145 P 51 29.79 0.0
BDT 36.56 318 eP 52 52.20 0.5

21d 21h

CHG	37.75	320	ePc	53	02.60	0.8
	0.8s	12.87nm			4.8mb	
GYA	40.07	336	P	53	21.40	0.2
	1.0s	19.00nm			4.8mb	
		pP	53	36.80	61kmX	
		PcP	55	28.00		
KMI	40.64	330	Pc	53	27.50	1.5
	1.4s	80.00nm			5.3mb	
WHN	41.59	348	eP	53	33.00	-0.4
NJ2	42.39	354	Pd	53	39.60	-0.3
CD2	45.18	336	iPc	54	02.10	-0.5
XAN	46.26	343	Pd	54	09.60	-1.5
	0.6s	16.00nm			5.1mb	
MAT	48.66	16	eP	54	27.00	-2.9X
	1.2s	15.63nm			4.9mb	
LZH	49.76	339	iPc	54	38.60	0.1
	1.2s	66.00nm			5.5mb	
KOD	50.11	293	eP	54	42.20	0.5
LSA	50.54	323	Pc	54	45.80	0.8
	0.7s	11.00nm			5.0mb	
BJI	50.59	353	eP	54	42.50	-2.0
	1.0s	13.00nm			4.9mb	
GBA	51.50	297	P	54	52.40	0.5
HHC	52.11	349	eP	54	55.20	-1.1
	1.0s	9.90nm			4.7mb	
HYB	52.25	302	ePd	54	57.70	0.1
GUN	52.63	317	P	55	00.54	-0.2
	0.9s	89.00nm			5.7mb	
PKI	52.73	317	P	55	00.96	-0.4
	0.6s	40.00nm			5.5mb	
KKN	52.96	317	P	55	03.12	0.2
DMN	52.96	316	P	55	02.10	-0.9
	1.1s	81.00nm			5.6mb	
GKN	53.53	316	P	55	06.64	-0.4
	0.8s	53.00nm			5.6mb	
CN2	53.92	2	eP	55	08.00	-1.4
	1.2s	6.60nm			4.5mb	
		eP	55	18.40	35kmX	
GTA	54.17	337	P	55	11.00	-0.5
	1.2s	10.00nm			4.7mb	
MDJ	54.99	5	eP	55	15.60	-1.7
	1.0s	55.00nm			5.5mb	
WMQ	62.95	332	Pc	56	12.50	-0.2
	0.7s	30.00nm			5.5mb	
		pP	56	24.00	39kmX	
		sP	56	30.00		
KSH	66.31	321	P	56	35.60	1.0
	1.4s	120.00nm			5.8mb	
QUE	67.62	309	eP	56	54.60	11.4X
YAK	72.30	3	iPc	57	09.00	-1.8
	1.2s	90.00nm			5.6mb	
MAJO	75.90	312	eP	57	34.00	1.6
OBN	96.61	325	eP	59	15.00	0.4
	1.1s	23.00nm			5.6mb	
		e	59	17.30		
		e	59	20.00		
		e	59	29.00		
PV10	125.53	50	iPKP	04	48.80	1.6
ALQ	128.48	53	ePKP	04	57.79	4.9X
NAV	145.38	35	ePKP	05	23.29	-0.3
TBR	145.59	24	ePKP	05	24.02	0.3
LVNJ	145.65	25	ePKP	05	24.24	0.4
BLA	145.66	35	ePKP	05	24.57	0.5
PNJ	145.82	24	iPKP	05	25.82	1.7
GMTN	145.82	24	iPKP	05	25.70	1.6
CVL	146.17	32	ePKP	05	26.13	1.3
CBN	146.55	31	ePKP	05	27.00	1.6
PRM	146.58	41	ePKPc	05	27.84	2.2X
JSC	147.16	40	ePKP	05	29.28	2.8X
LHS	147.31	39	ePKP	05	28.61	1.9
CEH	147.35	35	ePKP	05	29.47	2.7X
SGS	148.33	40	ePKP	05	27.98	-0.4
CNCB	150.74	157	PKP	05	41.30	8.1X
LPB	150.94	157	ePKP	05	42.00	8.6X
ZOBO	151.15	156	PKP	05	42.00	8.0X
	1.2s	13.51nm				

S.D. = 1.1 on 48 of 63 obs.

* DEC 21, 1992 23h 12m 16.96± 2.29s
 36.606 N ± 0.2km 11.500 E ± 9.5km
 DEPTH = 10.0km (geophysicist)
 3.8mb (2 obs.)

TUNISIA

(397)

CVT	1.49	44	P	12	43.20	-0.5
LVI	1.53	26	P	12	43.40	-0.9

ERC	1.67	31	P	13	04.50	-1.2
			eSn	13	08.30	
MCT	1.99	58	P	12	52.10	0.9
			eSn	13	15.20	
GIB	2.44	55	Pc	12	57.50	-0.1
			eSn	13	25.10	
MEU	2.79	79	P	13	02.00	-0.6
			eSn	13	32.30	
MNO	2.87	62	P	13	04.90	1.1
ATN	3.52	63	P	13	13.00	0.2
MSI	3.60	63	P	13	14.60	0.7
			eSn	13	52.80	
SOI	3.91	67	P	13	18.30	-0.1
			eSn	13	59.00	
MGR	4.75	41	P	13	28.90	-1.4
TDS	4.88	50	P	13	31.40	-0.7
RMP	5.28	10	P	13	38.40	0.6
SDI	5.40	19	P	13	39.70	0.2
AQU	5.93	14	P	13	48.50	1.6
PGF	6.24	343	Pn	13	53.00	1.6
			Sn	15	02.30	
CRE	7.02	3	P	14	06.00	3.6X
LMR	7.73	332	Pn	14	10.20	-2.0
SBF	7.89	338	Pn	14	13.60	-0.8
LRG	7.89	332	Pn	14	15.20	0.7
OHR	8.53	55	ePn	14	13.50	-10.0X
SKO	9.38	52	ePn	14	32.00	-3.2X
LPG	9.58	340	Pn	14	41.10	3.0X
GEC2	12.34	7	P	15	14.90	-0.6
	0.6s		0.45nm		3.9mb	
KHC	12.61	6	P	15	20.00	0.9
			e	15	33.50	
CLL	14.74	4	e(P)	15	56.00	8.9X
HFS	23.59	3	eP	17	28.70	0.4
	0.5s		1.00nm		3.7mb	

S.D. = 1.0 on 22 of 27 obs.

* DEC 22, 1992 00h 04m 05.66± 0.63s
 31.746 S ± 8.3km 67.786 W ± 5.4km
 DEPTH = 10.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.41	290	iPc	04	14.50	0.4
			S	04	20.20	
RTLL	0.72	305	iPc	04	19.50	-0.3
RTCB	0.90	286	iPd	04	23.30	0.3
MRA	1.88	111	ePc	04	39.00	0.9
			S	05	03.70	
TCA	2.76	82	ePc	04	50.70	-0.1
			S	05	30.00	
RFA	3.07	191	e(P)	04	54.50	-0.7
			(S)	05	41.30	
CYA	3.72	28	ePd	05	03.90	-0.5
			(S)	06	00.00	

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

* DEC 22, 1992 00h 19m 18.36± 0.94s
 25.209 N ± 15.1km 95.340 E ± 12.6km
 DEPTH = 33.0km (normal)
 4.0mb (4 obs.)

MYANMAR-INDIA BORDER REGION (294)

CHG	7.19	152	iPn	21	06.30	2.4
			iSg	22	54.80	
BDT	8.63	156	eP	21	23.00	-0.9
GUN	8.89	290	P	21	29.08	1.2
PKI	9.21	287	P	21	32.56	0.3
	0.5s		233.00nm		6.6mb X	
KKN	9.37	288	P	21	34.74	0.3
	0.4s		168.00nm		6.6mb X	
DMN	9.48	287	P	21	35.96	0.0
	0.3s		97.00nm		6.5mb X	
GKN	9.97	289	P	21	42.54	-0.1
	0.4s		240.00nm		6.8mb X	
NDI	16.53	286	iPc	23	08.50	-0.8
	0.5s		9.86nm		4.2mb	
			eS	25	57.00	
HYB	17.45	247	eP	23	20.00	-0.9
WRA	58.76	136	P	29	14.10	-1.6
	0.7s		0.30nm		3.5mb	
NAO	65.69	328	P	30	01.50	0.0
	0.7s		3.00nm		4.5mb	
GEC2	66.11	314	P	30	04.60	0.1
	0.6s		0.49nm		3.8mb	
			e	30	26.20	
			e	30	30.40	

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

% DEC 22, 1992 00h 57m 32.12± 0.74s
 37.084 N ± 6.3km 5.453 W ± 6.5km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)

mbLg 3.0 (MDD).

EPRU	0.21	123	iPgc	57	35.14	-1.6
			eSg	57	39.30	
EJIF	0.63	181	ePg	57	44.86	0.1
			eSg	57	54.50	
EHOR	0.76	12	iPgc	57	46.28	-0.6
			eSg	57	55.70	
MAL	0.91	113	iP	57	50.50	1.0
			iSg	58	04.00	
ELUO	1.06	63	iPg	57	51.81	-0.3
			eSg	58	07.10	
EVAL	1.15	296	ePg	57	53.68	0.1
			eSg	58	08.20	
ECOG	1.52	82	ePn	57	59.52	0.1
EGUA	1.53	99	ePn	58	00.33	0.8
			eSn	58	20.70	
EBAN	1.71	50	iPnd	58	02.57	0.5
			eSn	58	24.40	
EVIA	2.80	56	ePn	58	51.20	33.3X
			eSn	58	59.50	
GUD	3.70	16	ePn	59	23.20	52.6X
			eSn	59	28.00	

S.D. = 0.9 on 9 of 11 obs.

DEC 22, 1992 00h 59m 42.04± 0.89s
 41.096 S ± 6.6km 176.376 E ± 8.6km
 DEPTH = 44.0 ± 9.3 km
 4.0mb (2 obs.)

OFF E. COAST OF N. ISLAND, N.Z. (160)

PGZ	0.48	351	Pd	59	52.40	-0.3
			eS	59	58.20	
MTW	0.66	264	Pd	59	55.80	0.6
BLW	0.73	248	P	59	58.00	1.9
MNG	0.83	305	Pc	59	56.00	-1.4
			S	00	03.60	
MOW	0.91	249	Pd	59	59.80	1.2
CAW	0.99	269	Pc	00	00.00	0.3
KIW	1.13	281	Pc	00	01.60	-0.1
TEHZ	1.15	17	eP	00	03.00	1.0
WEL	1.23	261	P	00	03.70	0.7
			S	00	17.70	
MRW	1.27	263	P	00	04.00	0.4
			S	00	17.70	
WAHZ	1.40	359	P	00	05.70	0.2
TCW	1.59	265	P	00	08.20	0.0
TTH	1.59	13	eP	00	09.20	1.0
BSZ	1.70	319	eP	00	10.20	0.5
DIW	1.88	278	P	00	12.20	-0.1
NGZ	2.01	343	P	00	14.40	0.2
PAHZ	2.29	13	eP	00	17.90	-0.3
KHZ	2.50	237	eP	00	21.00	-0.1
			S	00	49.10	
NRZ	2.57	312	eP	00	21.80	-0.3
THZ	2.69	255	eP	00	22.90	-1.1
			eS	00	52.00	
MOZ	2.86	334	eP	00	25.80	-0.4
URZ	2.89	12	P	00	25.10	-1.5
QRZ	2.93	274	P	00	26.20	-1.0
			eS	00	57.80	
MQZ	3.80	225	eP	00	38.30	-1.2
			eS	01	19.30	
ODZ	5.76	225	eP	01	06.00	-1.2
			eS	02	05.70	
WB2	41.39	288	iPd	07	26.10	0.5
	0.3s		4.10nm			4.6mb
WRA	41.40	288	P	07	26.40	0.7
	0.5s		0.40nm			3.4mb
KIC	145.40	178	PKP	19	30.90	13.8X
S.D. = 0.9 on 27 of 28 obs.						

MTN	9.64	176	iS	15	46.00	
	0.3s	122.00nm	eP	15	56.00	-3.3X
			eS	17	39.50	6.5mb X
KUPT	9.75	224	eP	16	02.00	1.1
MKS	11.20	259	iPd	16	30.50	9.9X
WB2	17.09	168	eP	17	31.30	-6.4X
	0.3s	9.00nm	eS	20	29.10	4.4mb
ASPA	20.64	171	iPc	18	17.60	-1.3
	0.8s	111.90nm	eS	21	59.00	5.3mb
Z	22s	0.60um	eS	18	03.00	3.9Msz
MBL	20.68	209	eP	18	03.00	-16.2X
	0.4s	5.00nm	eS	21	59.00	5.3mb
WARB	23.18	189	iPc	18	44.20	0.1
NANU	24.14	216	eP	18	52.00	-1.4
STKA	30.40	161	eP	19	49.60	-1.1
BWA	35.29	154	eP	20	34.70	1.5
CAN	36.30	154	eP	20	42.80	1.1
CHG	37.98	306	eP	20	57.20	1.2
BJI	44.97	344	eP	22	00.50	7.5X
	1.0s	11.00nm	eS	22	05.00	1.0
LZH	46.32	330	eP	22	05.00	4.7mb
	1.5s	16.00nm	eS	21	59.00	5.6MszX
Z	15s	4.61um	eS	21	59.00	5.6MszX
E	11s	11.98um	S	34	38.00	
GUN	52.89	309	P	22	54.44	-0.4
PKI	53.10	308	P	22	55.32	-1.1
KNK	53.30	308	P	22	57.18	-0.5
DMN	53.36	308	P	22	58.18	0.0
GKN	53.91	308	P	23	01.64	-0.4
	0.7s	24.00nm	eS	23	11.00	-0.3
HYB	55.17	294	eP	23	11.00	-0.3
MAIO	76.70	308	eP	25	30.00	1.0
YJA	150.35	149	e(PKP)	33	27.00	2.5X
CNCB	153.03	138	PKP	33	39.00	10.4X
LPB	153.14	137	ePKP	33	33.00	4.4X
ZOBO	153.29	137	PKP	33	40.00	10.9X
	S.D. = 1.1	on 17	of 27	obs.		
? DEC 22, 1992 02h 04m 27.16±1.01s						
6.718 S ± 9.9km 130.584 E ± 17.0km						
DEPTH = 150.4 ± 24.0 km						
BANDA SEA (280)						
SLKI	1.44	151	iPd	04	56.00	-0.4
			iS	05	14.50	
SWI	5.85	7	ePd	05	53.00	0.2
			eS	06	53.00	
MTN	6.11	175	eP	05	57.50	1.1
	0.3s	63.00nm	eS	07	05.00	5.3mb X
KUPT	7.70	243	eP	06	17.50	-0.2
WB2	13.65	165	iPd	07	35.10	-0.6
			eS	09	57.30	
ASPA	17.15	170	iPd	08	23.10	3.8X
			iS	11	23.60	
WARB	19.72	191	eP	08	54.00	6.7X
			eS	12	25.00	
CNCB	150.28	142	PKP	24	14.00	15.9X
LPB	150.41	142	ePKP	24	17.00	18.9X
	S.D. = 1.4	on 5	of 9	obs.		
& DEC 22, 1992 02h 20m 53.09s						
35.023 N 116.973 W						
DEPTH = 5.5km						
CENTRAL CALIFORNIA (39)						
<PAS-P>. ML 3.2 (PAS), 2.8 (GS).						
GSC	0.31	26	iPd	20	59.02	-0.4
SSK	1.00	216	ePd	21	11.62	-1.0
			eS	21	24.92	
PEC	1.14	188	ePd	21	13.93	-0.9
			S	21	29.18	
ISA	1.38	298	eP	21	17.82	-1.2
PLM	1.67	177	eP	21	21.97	-1.2
TPNV	2.01	17	ePn	21	27.87	-0.3
			eS	21	56.86	
BCH	2.56	275	ePn	21	33.54	-2.4
GLA	2.65	137	ePn	21	37.52	0.3
TNP	3.06	356	ePn	21	42.23	-0.9
MEMM	3.08	330	(Pn)	21	45.63	2.5
BONR	3.12	340	ePn	21	44.44	0.4
ARUT	3.97	45	ePn	21	56.76	0.7
CMB	4.07	319	eP	21	57.02	-0.3

MSU	5.19	46	(P)	22	15.24	1.8
	14	obs.	associated			
DEC 22, 1992 02h 36m 48.80±0.95s						
55.890 N ± 6.3km 161.691 E ± 5.6km						
DEPTH = 79.9 ± 9.6 km						
4.5mb (37 obs.)						
NEAR EAST COAST OF KAMCHATKA (218)						
PET	3.38	213	ePn	37	39.00	-1.3
			eS	38	17.00	
SKR	6.21	215	ePn	38	19.90	0.2
			eS	39	30.00	
MGD	7.16	311	ePn	38	34.00	1.2
	Z	14s	0.70um			
			eS	40	02.00	
TTA	22.28	54	eP	41	41.56	1.5
	1.1s	7.53nm				4.0mb
IMA	23.38	46	eP	41	50.55	-0.1
	0.6s	6.37nm				4.2mb
BOD	25.62	294	eP	42	12.70	0.8
	0.7s	7.00nm				4.3mb
FBA	25.83	49	eP	42	13.20	-0.6
	0.6s	2.44nm				3.9mb
RES	40.38	24	eP	44	21.50	1.9
	0.5s	2.00nm				4.3mb
YKA	40.50	45	eP	44	20.50	-0.2
	0.5s	2.70nm				4.4mb
BONR	54.32	73	eP	46	09.93	0.7
TNP	54.81	73	eP	46	13.01	0.3
	0.7s	5.30nm				4.7mb
BW06	55.38	63	eP	46	16.42	-0.4
	0.6s	2.77nm				4.5mb
DAU	56.25	67	eP	46	23.02	-0.1
ULM	56.25	49	eP	46	25.00	2.4X
RSSD	57.12	59	eP	46	28.12	-1.0
	0.7s	5.22nm				4.8mb
KAF	57.28	337	eP	46	28.60	-1.1
	0.3s	3.60nm				5.0mb
SRU	57.59	67	eP	46	31.81	-0.7
PV10	58.91	67	eP	46	42.02	0.3
NUR	59.07	337	eP	46	41.10	-1.1
	0.7s	12.20nm				5.1mb
NAO	61.37	344	P	46	56.40	-1.6
	0.7s	5.30nm				4.8mb
HFS	61.57	342	eP	46	57.40	-1.9
	0.5s	3.50nm				4.8mb
EKA	68.45	351	P	47	43.00	-0.6
	0.7s	6.40nm				4.7mb
CLL	70.06	340	iPd	47	53.20	-0.3
PRU	71.00	338	eP	47	59.80	0.6
GRF	71.95	340	ePc	48	05.70	0.8
	0.8s	13.00nm				4.9mb
KHC	72.02	339	P	48	05.50	0.1
	1.0s	5.00nm				4.4mb
GEC2	72.26	338	P	48	06.90	0.0
	0.5s	2.61nm				4.4mb
CDF	73.89	343	iPc	48	16.10	-0.2
	0.7s	4.95nm				4.5mb
KBA	74.02	338	iPc	48	18.20	1.0
	0.5s	5.70nm				4.7mb
			i	48	22.30	
WTTA	74.19	339	iPc	48	18.80	0.6
	0.6s	3.60nm				4.5mb
HAU	74.43	343	iPc	48	19.00	-0.4
	0.6s	4.35nm				4.5mb
LDF	74.78	348	eP	48	20.50	-0.9
GRR	75.07	348	iPc	48	22.60	-0.4
	0.7s	6.05nm				4.6mb
LPF	75.44	348	eP	48	24.80	-0.3
	0.8s	6.05nm				4.6mb
LOR	75.54	345	iPc	48	25.20	-0.6
	0.7s	4.20nm				4.5mb
SSF	75.80	345	iPc	48	27.30	0.1
	0.8s	3.65nm				4.3mb
LBF	75.80	344	eP	48	27.10	-0.2
	0.6s	2.05nm				4.2mb
AVF	76.08	345	eP	48	28.50	-0.3
	0.8s	2.70nm				4.2mb
MFF	76.74	347	iPc	48	32.40	-0.1
	1.0s	7.80nm				4.6mb
LPL	76.78	342	iPc	48	33.80	0.8
	0.8s	7.10nm				4.6mb
LPG	76.80	342	iPc	48	34.10	0.9
	0.7s	7.30nm				4.7mb
FRF	78.70	342	iPc	48	43.20	-0.1
	0.7s	4.85nm				4.5mb

LRG	78.85	342	iPc	48	44.50	0.4
	0.7s	8.25nm				4.8mb
LMR	78.94	342	iPc	48	44.90	0.3
	0.5s	2.50nm				4.4mb
WB2	79.01	206	eP	48	45.50	0.3
	0.6s	5.50nm				4.6mb
WRA	79.01	206	P	48	46.00	0.8
	0.9s	1.30nm				3.8mb
PGF	79.24	340	iPc	48	46.50	0.1
	0.7s	7.60nm				4.7mb
ASPA	82.69	206	eP	49	05.30	0.8
	0.8s	7.30nm				4.7mb
S.D. = 0.8 on 47 of 48 obs.						

% DEC 22, 1992 02h 41m 30.48±0.74s						
40.876 N ± 6.5km 22.990 E ± 5.7km						
DEPTH = 10.0km (geophysicist)						
GREECE	(364)					
THE	0.24	184	ePg	41	35.74	0.1
			eSg	41	39.26	
SOH	0.28	101	ePg	41	36.38	0.0
			eSg	41	40.54	
KNT	0.29	346	ePg	41	36.74	0.1
			eSg	41	40.58	
GRG	0.45	280	ePg	41	39.62	-0.1
			eSg	41	46.30	
SRS	0.52	62	ePg	41	40.90	0.0
S.D. = 0.1 on 5 of 5 obs.						

* DEC 22, 1992 03h 23m 30.88±1.78s						
10.101 S ± 24.9km 124.221 E ± 10.8km						
DEPTH = 33.0km (normal)						
4.6mb (2 obs.)						
TIMOR REGION, INDONESIA	(289)					
KUPT	0.61	265	eP	23	43.00	0.0
MTN	7.30	113	eP	25	18.00	0.0
WB2	13.83	136	iPd	26	46.40	-0.6
	0.5s	9.30nm				4.8mb
			eS	29	39.50	
WARB	16.16	172	eP	27	17.00	-0.2
ASPA	16.35	147	eP	27	20.50	0.8
	0.6s	15.70nm				4.3mb
STKA	26.99	146	eP	29	05.50	-6.2X
S.D. = 0.7 on 5 of 6 obs.						

DEC 22, 1992 03h 30m 21.63±0.42s						
26.363 N ± 8.0km 100.579 E ± 4.9km						
DEPTH = 33.0km (normal)						
4.6mb (38 obs.)						
YUNNAN, CHINA	(318)					
ML 5.0 (BJI).						
KMI	2.31	122	Pgd	30	59.00	0.7
			Sg	31	28.00	
CD2	5.32	31	Pn	31	39.40	-1.5
			PP	31	43.40	
			Sn	32	38.00	
			Sg	33	03.00	
GYA	5.46	88	Pn	31	41.00	-1.9
			Pg	32	00.20	
			Sn	32	45.00	
			Sg	33	10.40	
CHG	7.66	192	eP	32	10.60	-3.2X
			ePg	32	42.00	
			iSg	34	21.30	
			e	51	29.50	
SHL	7.87	266	iPn	32	12.80	-4.0X
			iSn	33	43.00	
LSA	8.97	294	Pc	32	31.20	-1.2
	0.8s	6.00nm				4.8mb
			S	34	13.50	
LZH	10.09	15	Pd	32	47.50	0.1
	Z 15s	4.61um				
	E 11s	12.00um				
			sP	32	57.50	
			eP	34	38.00	
QIZ	11.24	129	eS	32	58.00	-5.0X
	N 10s	4.33um				
	E 10s	3.69um				
			S	34	58.80	
KHT	11.67	190	eP	33	18.80	9.9X
GZH	12.05	103	iPc	33	08.20	-5.8X
	N 10s	12.60um				
	E 10s	4.05um				
WHN	12.81	68	P	33	18.60	-5.5X

22d 03h

Z	16s	2.37um				0.9s	10.00nm	4.8mb	TRN	0.77	81	eP	40	26.57	-0.9					
		sP	33	32.00		VDL	72.11	313 ePd	41	45.70	0.8	eS	40	46.11						
GTA	13.03	357 eP	33	27.00	-0.1	LLS	72.28	314 ePc	41	46.00	0.0	eP	40	33.81	0.8					
	1.0s	5.00nm			4.5mb	IMA	72.31	24 eP	41	44.50	-1.2	eS	40	58.72						
Z	10s	3.84um			6.6MsZx		1.0s	2.50nm			4.2mb		PIG	1.45	64	eP	40	39.60	0.8	
GUN	13.18	280 P	33	23.42	-6.0X	TMA	72.62	313 ePd	41	47.50	-0.5	eS	41	06.11						
	0.4s	61.00nm			5.9mb X	ENN	72.85	319 eP	41	50.50	1.6		TPR	1.52	65	eP	40	40.27	0.5	
PKI	13.58	278 P	33	29.02	-5.7X		0.7s	5.00nm			4.6mb		BOT	1.56	66	eP	40	39.97	-0.4	
KKN	13.71	279 P	33	30.92	-5.3X	CDF	72.85	316 eP	41	49.20	0.1		GRW	1.69	17	eP	40	42.84	0.5	
DMN	13.85	279 P	33	29.10	-9.1X		0.9s	5.10nm			4.5mb					eS	41	08.74		
GKN	14.28	280 P	33	37.18	-6.6X	BSF	73.36	315 eP	41	52.00	-0.1		SVB	2.87	18	eP	40	59.21	0.0	
	0.5s	27.00nm			5.1mb		1.1s	8.30nm			4.6mb					eS	41	43.48		
TIY	15.12	39 eP	33	48.70	-5.8X	HAU	73.57	316 eP	41	53.30	0.0		BIM	4.10	15	eP	41	16.50	-0.2	
	Z	14s			4.64um		0.8s	4.45nm			4.5mb		MVM	4.19	17	eP	41	17.80	-0.1	
	N	10s			2.36um								FDI	4.29	13	eP	41	19.09	-0.4	
	E	11s			2.05um		LPG	74.23	313 eP	41	58.10	0.6		CRM	4.37	16	eP	41	20.48	0.0
		pP	33	56.40			0.8s	21.20nm			5.2mb		S.D. = 0.6 on 13 of 13 obs.							
BTO	16.22	27 eP	34	06.00	-2.7X	LPL	74.23	313 eP	41	57.90	0.5		% DEC 22, 1992 04h 43m 41.79± 2.90s							
NJ2	16.93	66 P	34	17.40	-0.1		0.9s	20.15nm			5.1mb		43.987 N ±15.4km 8.496 E ±15.5km							
	N	11s			3.19um		SBF	74.37	311 eP	41	58.20	0.2	DEPTH = 10.0km (geophysicist)							
HHC	17.08	29 P	34	18.00	-1.5		0.8s	8.20nm			4.8mb		CORSICA (380)							
	1.2s	20.00nm			4.1mb	FBA	75.02	24 eP	42	00.65	-0.7		ML 2.1 (GEN).							
Z	11s	2.09um			4.6MsZx		0.6s	2.28nm			4.3mb		FIN	0.30	317	P	43	48.27	0.1	
N	10s	1.27um				LMR	75.19	311 eP	42	03.00	0.3				S	43	52.80			
TIA	17.19	51 Pd	34	16.70	-4.2X		1.3s	19.15nm			4.9mb		IMI	0.44	260	P	43	50.70	-0.2	
	Z	16s			2.53um						-0.2				S	43	57.10			
N	12s	1.34um				LOR	75.41	316 eP	42	03.70			ROB	0.55	305	P	43	52.53	-0.3	
E	12s	1.61um					0.8s	4.05nm			4.5mb				S	44	00.17			
SSE	18.67	71 eP	34	38.20	-1.0	LBF	75.45	315 eP	42	04.10	0.0		PCP	0.56	4	P	43	52.99	-0.1	
		pP	34	46.00			0.9s	6.70nm			4.6mb				S	44	00.86			
BJI	18.84	40 eP	34	38.50	-2.6X	SMF	75.67	315 eP	42	05.40	0.1		ENR	0.81	288	P	43	57.65	0.1	
	1.0s	33.00nm			4.5mb		1.0s	9.40nm			4.7mb				S	44	08.36			
Z	15s	1.46um			4.4MsZx	SSF	75.71	316 eP	42	05.70	0.1		STV	0.88	287	P	43	59.12	0.3	
N	12s	1.22um					1.1s	16.85nm			5.0mb				S	44	10.42			
E	12s	1.34um				AVF	75.92	315 eP	42	06.90	0.2		PZZ	1.13	298	P	44	02.96	-0.1	
WMQ	20.32	332 P	34	55.40	-2.2		0.9s	6.20nm			4.6mb				S	44	17.79			
	1.4s	31.00nm			4.5mb	MAF	76.64	315 eP	42	10.80	0.0		S.D. = 0.3 on 7 of 7 obs.							
Z	12s	1.39um			4.5MsZx	TCF	76.84	315 eP	42	12.60	0.6		% DEC 22, 1992 04h 47m 50.13± 2.91s							
		SS	39	02.50			0.9s	7.70nm			4.7mb		43.960 N ±14.6km 8.533 E ±15.4km							
NDI	20.84	282 iPc	35	02.00	-1.1	LDF	77.31	318 eP	42	14.80	0.3		DEPTH = 10.0km (geophysicist)							
DL2	21.63	49 eP	35	12.00	1.0		1.3s	27.10nm			5.1mb		CORSICA (380)							
	1.0s	89.00nm			5.1mb	RJF	77.69	314 eP	42	17.80	1.2		ML 2.4 (GEN).							
Z	15s	0.65um			4.2MsZx		1.2s	22.30nm			5.1mb		FIN	0.34	317	Pd	47	57.33	0.1	
		eS	39	06.00		MFF	78.18	316 eP	42	19.80	0.5				S	48	01.97			
HYB	22.27	251 eP	35	15.70	-1.8		1.0s	10.60nm			4.8mb		IMI	0.47	264	Pd	47	59.64	0.0	
		eS	39	32.00		RES	78.70	4 eP	42	23.00	1.4				S	48	06.18			
KSH	24.34	309 P	35	41.00	3.3X		1.0s	3.00nm			4.3mb		CKI	0.50	339	P	48	00.20	-0.1	
Z	16s	1.90um			4.7MsZx	BCAO	80.92	270 iPd	42	34.10	-0.6				eSg	48	06.50			
		S	40	00.50			1.1s	11.00nm			4.8mb		PCP	0.58	1	P	48	02.02	0.1	
SNY	24.40	45 P	35	39.50	1.5	YKA	87.09	16 eP	43	01.90	-3.1X				S	48	09.93			
	1.1s	35.00nm			4.8mb		0.8s	1.10nm			4.1mb		ROB	0.58	305	Pd	48	01.56	-0.4	
Z	16s	1.41um			4.5MsZx	S.D. = 1.1 on 55 of 76 obs.									S	48	09.43			
E	10s	0.76um				% DEC 22, 1992 04h 38m 08.62± 2.90s							ENR	0.85	289	P	48	06.30	-0.2	
GBA	25.13	244 P	35	49.00	3.8X	43.996 N ±14.3km 8.466 E ±15.5km									S	48	16.47			
IRK	26.03	5 eP	35	55.20	1.8	DEPTH = 10.0km (geophysicist)							STV	0.92	289	P	48	08.15	0.4	
	1.2s	38.00nm			4.9mb	CORSICA (380)									S	48	19.64			
		e	36	01.40		ML 2.2 (GEN).							DOI	1.07	301	P	48	10.30	-0.1	
		LR	45	50.00		FIN	0.28	319	P	38	14.62	0.0			eSg	48	23.00			
CN2	26.62	43 eP	36	00.80	1.9								PZZ	1.16	298	P	48	12.04	0.0	
	0.8s	2.90nm			3.9mb	ROB	0.52	305	P	38	18.87	-0.4			S	48	26.87			
Z	16s	0.88um			4.4MsZx								BHB	1.27	315	P	48	13.92	0.2	
N	18s	1.23um				PCP	0.55	6 P	38	19.65	-0.1				S	48	29.71			
E	18s	1.25um											RSP	1.50	323	P	48	17.02	-0.2	
MAIO	36.23	296 eP	37	26.00	2.4	ENR	0.79	287	P	38	24.00	0.0			S	48	34.91			
WRA	56.50	141 P	40	03.00	-0.1								S.D. = 0.3 on 11 of 11 obs.							
	1.2s	1.40nm			3.9mb	STV	0.86	287	P	38	25.55	0.3		% DEC 22, 1992 04h 54m 16.64± 0.08s						
KAF	59.73	328 eP	40	25.00	-0.2									6.648 S ± 2.1km 130.550 E ± 2.7km						
NUR	60.54	327 eP	40	27.90	-2.8X	PZZ	1.11	298	P	38	29.44	0.0		DEPTH = 67.0km (geophysicist)						
MLR	61.24	309 eP	40	36.00	0.1									5.9mb (80 obs.)						
SPC	64.40	314 eP	40	54.80	-2.1	BHB	1.21	315	P	38	31.37	0.2		BANDA SEA (280)						
HFS	66.00	327 eP	41	03.00	-3.7X									Depth from broadband						
	0.5s	2.20nm			4.5mb									displacement seismograms.						
NAO	67.24	328 P	41	11.20	-3.4X									FAULT PLANE SOLUTION: P-Waves						
	0.8s	3.30nm			4.5mb									NP1:Strike=120 Dip=43 Slip=110						
PRU	67.83	316 eP	41	18.50	0.0	S.D. = 0.3 on 8 of 8 obs.								NP2: 274 50 72						
BRG	67.97	317 e(P)	41	19.20	-0.2	% DEC 22, 1992 04h 40m 12.56± 2.44s								Principal Axes:						
CLL	68.43	318 eP	41	22.00	-0.2	10.534 N ±15.0km 62.173 W ±15.5km								T P1g=76 Azm=121						
GEC2	68.66	315 P	41	21.40	-2.															

strike-slip component. The preferred fault plane is not determined.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 25S, 41C

Centroid Location:

Origin Time 04:54:21.9 0.3

Lat 6.56S 0.02 Lon 130.62E 0.02

Dep 92.2 1.3 Half-duration 1.5

Moment Tensor; Scale 10**17 Nm

Mrr= 2.90 0.08 Mtt=-3.69 0.12

Mff= 0.80 0.16 Mrt=-0.07 0.09

Mrf= 0.11 0.09 Mtf= 2.06 0.11

Principal Axes:

T Vol= 2.90 Plg=87 Azm=278

N 1.60 3 111

P -4.50 1 21

Best Double Couple: Mo=3.7*10**17

NP1: Strike=108 Dip=44 Slip= 85

NP2: 295 46 95

SLKI	1.52	151	iPd	54	46.00	3.8X
AAI	3.76	321	ePd	55	18.00	4.5X
			eS	56	05.00	
MTN	6.19	175	eP	55	46.00	-1.5
KUPT	7.70	243	iPd	56	10.70	2.2
			eS	57	30.30	
MNI	9.85	324	eP	56	40.70	2.7X
MKS	11.11	277	iPc	57	02.50	7.4X
PCI	12.11	298	ePd	57	15.40	6.9X
	1.0s		3.50nm			4.3mb X
			e	00	31.00	
WRA	13.72	165	P	57	24.10	-5.5X
WB2	13.72	165	iPd	57	24.10	-5.6X
	0.8s		675.30nm			6.2mb
			iS	59	48.20	
DAV	14.52	340	eP	57	48.40	8.3X
KHKI	14.91	262	eP	57	46.00	0.9
			eS	00	32.10	
			e	08	52.00	
MDG	15.21	86	eP	57	50.13	1.1
BIP	15.38	344	iPd	57	56.00	4.8X
			eS	00	48.50	
QIS	16.38	148	iPc	58	00.40	-3.4X
			eS	00	43.00	
PMG	16.67	101	eP	58	08.22	0.7
TSM	16.68	310	ePc	58	09.80	2.2
ASPA	17.23	170	iPc	58	10.40	-4.0X
	19s		B.20um			
			eS	01	09.80	
MBL	17.77	215	iPd	58	05.30	-15.8X
			eS	01	08.00	
TRT	17.81	266	ePc	58	22.10	0.6
			eS	01	42.10	
PLP	18.54	343	ePc	58	31.80	1.2
KKM	19.07	311	ePc	58	36.70	-0.1
	1.0s		702.20nm			5.9mb
WARB	19.78	190	iPd	58	42.80	-1.5
PPR	20.12	324	iPd	58	49.00	1.2
CTA	20.27	133	iPc	58	49.50	0.2
	1.0s		60.00nm			4.9mb X
			i	59	09.00	99kmX
			iS	02	30.00	
CTAO	20.27	133	iPc	58	49.84	0.5
NANU	21.45	221	iPd	59	02.40	1.1
			eS	02	52.00	
RAB	21.65	85	eP	59	00.00	-3.4X
			iS	02	58.00	
PGP	22.17	335	iPc	59	10.00	1.5
			eS	59	35.00	
MEEK	22.90	208	iPd	59	15.10	-0.5
			eS	02	21.50	
OCP	23.14	336	eP	59	23.00	5.1X
OVP	23.16	336	eP	59	20.00	1.9
FORT	24.12	185	iPd	59	28.00	0.7
			eS	03	51.00	
GUA	24.61	35	eP	59	34.70	2.5X
	0.6s		266.67nm			5.9mb
			eS	03	50.00	
PJG	24.62	35	eP	59	34.50	2.2
BCP	24.94	337	eP	59	32.00	-3.3X
BAG	24.94	337	ePc+	59	35.00	-0.5
	1.3s		453.85nm			5.8mb
			eS	03	38.00	
COOL	25.67	199	iPc	59	41.70	-0.4
RMO	26.27	141	iPc	59	47.40	-0.2

	0.9s		147.00nm			5.5mb
			e	00	05.00	77kmX
			i	01	25.50	
			i	03	14.60	
MRWA	26.32	210	iPc	59	48.00	0.0
			eS	04	38.00	
PIP	26.68	339	eP	00	03.00	11.7X
STKA	27.14	159	iPc	59	54.90	-0.6
			eS	04	25.80	
STK	27.14	159	P	59	55.40	-0.1
BAL	27.15	207	iPc	59	55.60	0.0
			epPP	00	31.00	
KGM	28.51	287	eP	00	07.50	-0.6
	0.9s		177.40nm			5.7mb
			e	00	35.50	131kmX
MUN	28.54	206	iPc	00	08.20	0.1
			5.10um			5.1msz
Z 20s			2.90um			
N 20s			2.90um			
E 20s			2.90um			
			iPP	00	43.50	
			eS	05	31.00	
CMS	28.55	152	iPc	00	07.40	-0.8
	1.0s		58.00nm			5.2mb
			i	00	37.20	141kmX
			iS	05	37.60	
SVO	29.09	97	eP	00	12.00	-1.3
			eS	02	14.00	
ADE	29.17	166	iPc	00	14.40	0.6
HNR	29.23	97	eP	00	14.00	-0.6
BRS	29.51	137	iPd	00	14.00	-3.0X
	1.0s		52.00nm			5.2mb
			iS	05	02.00	
RKG	30.47	202	iPc	00	26.50	1.2
	0.5s		33.00nm			5.3mb
ARMA	30.84	143	iPc	00	28.10	-0.6
	0.6s		60.00nm			5.5mb
IPM	31.51	290	ePc	00	33.20	-1.5
	0.9s		122.10nm			5.7mb
			e	03	26.50	
BWA	32.19	152	iPc	00	42.00	1.5
bfd	32.29	162	iPc	00	41.40	0.1
	0.5s		65.00nm			5.7mb
QIZ	32.67	322	Pc	00	44.00	-0.7
	1.2s		130.00nm			5.6mb
			sP	01	09.50	
			S	05	51.00	
SNG	32.87	294	eP	00	46.50	0.0
RIV	33.10	148	iPc	00	48.50	0.2
			e	01	52.00	327kmX
			e	03	31.00	
CAN	33.20	152	iPc	00	49.80	0.6
			i	03	31.50	
CNB	33.37	151	iPd	00	51.10	0.4
	0.5s		117.00nm			6.0mb
QZH	33.49	340	eP	00	51.00	-0.7
LOE	37.18	310	eP	01	23.00	-0.2
NST	37.41	307	iPc	01	31.00	5.9X
KAGJ	37.62	0	P	01	27.60	0.9
DZM	37.87	118	iPc	01	29.10	0.0
			i	03	44.70	
KHT	38.18	304	iPc	01	32.30	0.7
BKM	38.36	110	iPd	01	34.40	1.2
PVC	38.44	110	iPc	01	33.90	0.1
SSE	38.58	347	Pd	01	35.30	0.5
	1.0s		106.00nm			5.7mb
KUMJ	38.96	0	P	01	38.50	0.5
BDT	39.19	308	P	01	40.00	0.0
	1.0s		372.60nm			6.2mb
NJ2	40.07	344	Pc	01	47.60	0.5
	1.0s		120.00nm			5.7mb
			sP	02	14.80	
			ScP	07	32.40	
			iS	07	43.00	
WHN	40.11	338	iPc	01	48.50	1.1
	1.2s		190.00nm			5.9mb
			sP	02	13.50	
			PcP	03	52.00	
			ScP	07	32.00	
			S	07	44.00	
CHG	40.14	310	iPc	01	48.00	0.1
	0.9s		126.05nm			5.8mb
CHTO	40.14	310	iPc	01	48.19	0.3
			esPd	02	12.94	
GYA	40.25	326	iPc	01	48.60	-0.2
	1.2s		57.00nm			5.3mb
Z 32s			1.19um			4.5mszX
N 15s			2.68um			

	E 15s		0.77um			
			sP	02	14.60	
			PcP	03	52.40	
			ScP	07	33.40	
TKSJ	40.54	4	eP	01	47.30	-3.7X
SHNJ	40.55	1	eP	01	51.60	0.6
SHNJ	40.55	1	P	01	52.40	1.4
SHK	41.01	3	eP	01	55.50	0.7
KMI	41.59	320	eP	02	00.00	0.0
	1.4s		160.00nm			5.6mb
Z 20s			2.10um			5.0msz
N 15s			1.70um			
E 15s			1.50um			
			sP	02	25.60	
			eS	08	07.00	
YONJ	41.70	4	P	02	01.10	0.6
TSRJ	42.27	7	P	02	06.30	1.2
CHJJ	43.20	10	P	02	11.10	-1.6
MTMJ	43.54	8	P	02	15.10	-0.5
MAT	43.56	9	eP	02	14.00	-1.6
	1.0s		43.00nm			5.2mb
			eS	08	19.00	
KAKJ	43.57	11	P	02	14.90	-0.8
NIIJ	44.37	10	P	02	21.10	-1.0
TIA	44.46	344	Pc	02	22.40	-0.5
	1.2s		34.00nm			5.0mb
Z 20s			0.97um			4.7msz
E 10s			0.52um			
			sP	02	48.00	
			PcP	04	06.50	
			ScP	07	50.00	
			eS	08	47.50	
CD2	45.30	327	eP	02	28.40	-1.4
	15s		1.24um			5.0mszX
			sP	02	54.50	
XAN	45.35	335	iPc	02	29.30	-0.8
	1.3s		180.00nm			5.8mb
Z 16s			0.60um			4.6mszX
			sP	02	56.00	
YAMJ	45.46	11	eP	02	31.50	0.7
DL2	46.07	350	Pc	02	35.00	-0.6
	1.2s		170.00nm			5.9mb
Z 22s			0.62um			4.5msz
E 13s			0.77um			
			sP	03	08.00	
			S	09	10.00	
OFUJ	46.65	12	eP	02	41.20	1.0
TIY	47.26	340	iPd	02	45.00	-0.1
	1.0s		98.00nm			5.7mb
	30s		1.56um			4.8mszX
N 13s			0.42um			
E 11s			0.45um			
			S	09	30.00	
BJI	48.31	345	eP	02	53.00	-0.2
	1.4s		360.00nm			6.2mb
Z 20s			0.60um			4.6msz
E 13s			0.57um			
			epP	03	13.00	81kmX
			esP	03	19.00	
			ePcP	04	19.50	
			eScP	08	05.50	
			eS	09	42.00	

FRU	70.64 2.0s	320 300.00nm	iP i	esPd 05 53.01 05 27.60	05 53.01 05 27.60	0.4 5.9mb
QUE	71.04	305	Pd	05 52.00	05 52.00	94kmX
SEM	71.48 1.9s	329 372.00nm	iP i	05 30.80 05 32.50	05 30.80 05 32.50	0.8 0.5 6.0mb 71kmX
			i	05 51.50	05 51.50	
			i	05 59.50	05 59.50	
			eS	14 42.00	14 42.00	
			e	15 14.00	15 14.00	
SBA	73.61	173	iPc	05 46.00	05 46.00	1.9
MAW	75.48 0.9s	201 80.00nm	iP i	05 57.00	05 57.00	2.0 5.6mb
KKH	76.79	68	eP	06 04.41	06 04.41	1.2
MHA	77.01	68	eP	06 05.87	06 05.87	1.5
CRZF	77.42	224	eP eS	06 18.00 15 57.00	06 18.00 15 57.00	11.8X
			eSS	20 36.00	20 36.00	
BRVK	78.13 1.0s	328 189.00nm	iPc iS	06 09.50	06 09.50	-0.5 6.0mb
MAIO	78.89 0.9s	309 34.10nm	iPc eS	06 15.00	06 15.00	0.4 5.3mb
ASH	80.23 2.0s	310 460.00nm	P i	06 22.00	06 22.00	0.3 6.1mb
NR1	81.27 1.3s	346 222.00nm	iPc+ i	06 26.00	06 26.00	-0.4 5.9mb
			iS	06 53.00	06 53.00	104kmX
			iS	16 26.00	16 26.00	
KAT	82.14	311	iP+	06 32.00	06 32.00	0.4
			i	06 59.00	06 59.00	103kmX
SPA	83.39 0.5s	180 495.37nm	iPc i	06 38.00	06 38.00	0.2 6.8mb
			i	06 57.30	06 57.30	70kmX
SDN	83.72	32	eP	06 40.00	06 40.00	0.7
ARU	85.67	328	eP e	06 49.00	06 49.00	-0.1 102kmX
TTA	88.44	26	eP	07 03.50	07 03.50	1.0
KDC	88.67	32	eP	07 05.50	07 05.50	1.9
ARO	89.07	282	eP+	07 08.60	07 08.60	2.1
IMA	90.31	23	eP	07 12.00	07 12.00	0.7
GRO	90.79 1.0s	313 110.00nm	iPc i	07 14.00	07 14.00	0.2 6.2mb
			i	07 41.00	07 41.00	101kmX
PMR	91.21	28	eP	07 14.50	07 14.50	-0.8
FBA	92.44	25	eP	07 19.50	07 19.50	-1.5
PYA	92.77	314	eP i	07 22.00	07 22.00	-0.9
			i	07 50.00	07 50.00	105kmX
			i	11 04.00	11 04.00	
NVL	92.85 1.6s	197 108.00nm	iPc i	07 23.90	07 23.90	1.1 6.0mb
	Z 19s	1.70um				5.5Msz
	N 18s	0.40um				
	E 19s	1.50um				
			e	07 31.00	07 31.00	22kmX
			e	08 03.00	08 03.00	
			e	08 21.00	08 21.00	
			e	17 41.00	17 41.00	
			e	18 19.00	18 19.00	
			e	19 34.00	19 34.00	
CIR	95.95	248	iPd	07 39.90	07 39.90	1.8
MOS	97.09	325	eP e	07 41.00	07 41.00	-1.4 96kmX
			e	08 07.00	08 07.00	
			e	11 44.00	11 44.00	
HRI	97.62	303	eP	07 49.70	07 49.70	4.3X
OBN	97.67	325	iPc i	07 44.00	07 44.00	-1.0 101kmX
ARVI	97.96	300	eP	07 51.20	07 51.20	4.4X
SLR	98.09 1.4s	243 69.77nm	iPc i	07 47.50	07 47.50	-0.3 6.0mb
MBH	98.17	299	eP	07 52.10	07 52.10	4.1X
BUL	98.84	248	iPd	07 52.00	07 52.00	0.8
BLF	99.20 0.5s	239 8.11nm	iPd i	07 54.00	07 54.00	1.2 5.5mb
KAF	102.50 0.6s	332 11.80nm	iPd i	08 04.90	08 04.90	-1.7 5.8mb
MNK	102.99	324	ePd e	08 06.00	08 06.00	-2.9X 12 32.00

[illegible]

KDC	1.65	177	eP	37	14.72	-1.3
SLKM	1.66	46	eP	37	15.27	-1.0
CKL	1.82	5	iP	37	17.90	-0.7
SPU	1.82	9	iP	37	17.81	-0.7
CKT	1.83	7	iP	37	17.92	-0.8
CKN	1.86	7	eP	37	18.42	-0.6
BGL	1.89	4	eP	37	18.80	-0.7
CP2	1.89	6	eP	37	19.13	-0.5
CGLM	1.95	9	eP	37	19.71	-0.6
MPA	1.99	55	eP	37	19.18	-1.5
SKT	2.66	11	eP	37	29.67	-0.3
PMR	2.81	37 (P)		37	30.42	-1.7
HIN	3.26	69	eP	37	36.42	-1.9
34 obs. associated						

% DEC 22, 1992 08h 00m 17.05s						
62.981 N 151.036 W						
DEPTH = 124.6km						
3.0mb (1 obs.)						
CENTRAL ALASKA (1)						
<AEIC>.						
TRF	0.58	35	eP	00	36.09	-0.4
			eS	00	50.97	
HUR	0.64	90	eP	00	36.29	-0.4
			eS	00	51.21	
SKT	1.03	193	eP	00	39.60	-0.5
			eS	00	57.06	
			eS	00	57.32	
RND	1.08	66	eP	00	40.13	-0.5
			eS	00	57.70	
MCK	1.21	51	iP	00	41.56	-0.4
			S	00	59.84	
SUA	1.53	175	eP	00	45.43	-0.2
PMR	1.65	147	eP	00	46.00	-0.9
CGLM	1.74	196	eP	00	47.43	-0.7
CP2	1.81	199	eP	00	48.70	-0.4
			S	01	13.18	
NEA	1.82	28	eP	00	47.85	-1.1
BGL	1.84	201	eP	00	48.99	-0.3
CKN	1.84	197	eP	00	49.28	0.0
SPU	1.87	195	eP	00	48.69	-0.9
CKT	1.87	198	eP	00	49.46	-0.2
CKL	1.89	199	eP	00	49.48	-0.5
CCB	2.20	39	eP	00	52.68	-1.0
NKA	2.25	183	eP	00	55.79	1.5
TTA	2.27	271	eP	00	54.00	-0.7
HDA	2.31	50	eP	00	54.23	-0.9
PTE	2.33	155	eP	00	54.23	-1.1
MDM	2.34	31	eP	00	54.40	-1.1
FBA	2.40	35	P	00	55.20	-1.1
TOA	2.42	109	eP	00	56.22	-0.4
SLKM	2.51	171	eP	00	57.38	-0.4
DFR	2.52	199	eP	00	57.61	-0.3
GLM	2.58	37	eP	00	57.61	-1.0
NCT	2.59	201	eP	00	58.15	-0.7
REF	2.62	198	eP	00	58.48	-0.9
MPA	2.62	162	eP	00	58.55	-0.6
RDW	2.65	199	eP	00	58.49	-1.2
RS2	2.66	199	eP	00	59.13	-0.7
RSO	2.66	199	eP	00	59.14	-0.7
RS1	2.66	199	eP	00	59.19	-0.7
ILIM	3.05	198	eP	01	05.08	0.2
INW	3.09	200	eP	01	05.15	-0.3
DOT	3.22	75	P	01	05.80	-1.2
BRLK	3.23	179	eP	01	06.33	-0.9
IMA	3.30	341	eP	01	07.00	-1.3
HIN	3.37	138	eP	01	07.66	-1.5
CVA	3.50	132	eP	01	09.32	-1.5
SGAM	3.72	129	eP	01	11.98	-1.8
AUE	3.81	198	eP	01	14.26	-0.6
RAGM	3.99	128	eP	01	16.02	-1.5
HMT	4.18	126	eP	01	18.08	-1.9
YKA	16.56	75	eP	04	01.20	-1.6
0.3s 0.30nm 3.0mb						
45 obs. associated						

% DEC 22, 1992 08h 36m 22.71± 3.97s						
33.598 S ± 9.0km 72.096 W ±28.0km						
DEPTH = 10.0km (geophysicist)						

TACH	0.97	94	iPd	36	40.62	-0.5
			iS	36	53.47	
ROCH	1.10	56	eP	36	43.52	-0.1
CHCH	1.25	106	iPd	36	45.06	-0.9
			iS	37	01.80	
PEL	1.26	69	iPd	36	46.60	0.4
			iS	37	01.71	
PCH	1.32	91	iPd	36	46.55	-0.6
			iS	37	03.74	
CACH	1.35	113	iP	36	48.28	0.7
			iS	37	05.32	
FCH	1.53	80	iPd	36	50.18	-0.3
			iS	37	10.46	
JACH	1.56	54	iPd	36	50.54	0.0
			iS	37	09.61	
S.D. = 0.7 on 10 of 10 obs.						

DEC 22, 1992 08h 52m 12.12±0.55s
 39.430 S ± 4.0km 174.158 E ± 4.4km
 DEPTH = 244.8 ± 6.7 km
 NORTH ISLAND, NEW ZEALAND (159)

NRZ	0.20	298	P	52	43.70	-0.1
BSZ	0.70	122	P	52	45.30	0.2
MOZ	1.05	29	P	52	46.40	-0.7
			S	53	09.20	
DRZ	1.10	82	P	52	47.40	-0.4
CNZ	1.10	78	P	52	47.20	-0.4
NGZ	1.15	78	P	52	47.50	-0.4
DIW	1.38	187	P	52	49.50	0.1
KIW	1.54	158	P	52	50.50	-0.1
MNG	1.56	140	Pc	52	50.80	0.1
			S	53	15.10	
WAHZ	1.72	100	P	52	52.00	-0.1
TCW	1.78	177	P	52	53.10	0.6
CAW	1.82	158	Pc	52	52.80	0.0
MRW	1.85	167	Pc	52	53.20	0.1
			S	53	19.70	
ORZ	1.87	221	Pc	52	53.40	0.1
WHH	1.90	74	P	52	52.80	-0.8
WEL	1.91	166	P	52	53.50	-0.1
WLZ	1.92	36	Pc	52	54.30	0.6
			S	53	23.30	
MTW	2.01	150	P	52	54.30	-0.2
PGZ	2.01	127	P	52	54.50	0.0
TAHZ	2.03	82	P	52	55.70	0.8
			S	53	24.70	
TTH	2.07	94	P	52	55.60	0.5
TEHZ	2.12	106	P	52	55.90	0.3
MOW	2.16	158	P	52	55.70	-0.3
BLW	2.18	153	Pc	52	56.10	-0.1
TAZ	2.19	58	P	52	56.40	0.2
PAHZ	2.32	77	P	52	57.80	0.2
MOH	2.34	84	P	52	58.20	0.5
THZ	2.52	202	Pc	52	59.90	0.3
			S	53	32.60	
URZ	2.58	64	Pd	52	59.40	-0.8
			S	53	31.30	
MAHZ	2.90	86	P	53	04.10	0.5
DSZ	2.93	217	Pc	53	04.20	0.3
KUZ	2.95	25	P	53	04.90	0.8
KHZ	3.02	189	P	53	05.10	0.3
NOZ	3.13	76	P	53	06.00	-0.1
PUZ	3.48	68	P	53	09.50	-0.6
			S	53	49.00	
LTZ	3.64	202	eP	53	11.90	0.0
			eS	53	54.20	
HBZ	3.73	62	P	53	12.60	-0.3
MOZ	4.42	194	P	53	20.20	-0.9
			S	54	08.90	
EWZ	4.77	210	eP	53	25.70	0.3
LMZ	5.64	219	eP	53	35.60	-0.5
BWZ	6.01	211	eP	53	40.50	-0.3
ODZ	6.19	204	eP	53	43.50	0.5
S.D. = 0.5 on 42 of 42 obs.						

% DEC 22, 1992 09h 19m 33.89±0.89s
 40.399 N ± 6.8km 23.294 E ± 8.1km
 DEPTH = 5.0km (geophysicist)
 GREECE (364)

THE	0.34	313	ePg	19	41.12	0.3
SOH	0.42	6	ePg	19	42.46	0.0
OUR	0.53	97	ePg	19	44.72	0.2
			eSg	19	53.17	
PAIG	0.56	148	ePg	19	44.88	-0.1
SRS	0.75	17	ePg	19	48.92	-0.1

KNT 0.82 339 ePg 19 49.84 -0.4
 eSg 20 01.60
 S.D. = 0.3 on 6 of 6 obs.

? DEC 22, 1992 09h 28m 44.50±4.22s
 39.509 N ± 35.4km 28.767 E ± 10.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).

DST	0.14	312	iPg	28	47.20	-0.7
			iSg	28	51.70	
KCT	0.80	337	iPn	29	00.70	0.6
BNT	1.07	323	ePn	29	05.00	0.4
YLV	1.15	24	iPn	29	05.20	-0.9
EYL	1.50	45	ePn	29	12.00	0.4
S.D. = 1.0 on 5 of 5 obs.						

% DEC 22, 1992 09h 43m 26.57±2.37s
 33.335 S ± 8.2km 71.300 W ± 12.2km
 DEPTH = 61.9 ± 29.6 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.2 (SANT).

LCCH	0.27	238	iPd	43	36.85	0.1
			iS	43	43.77	
ROCH	0.44	34	iPd	43	38.99	0.6
			iS	43	47.77	
TACH	0.44	136	iP+	43	38.32	0.1
			iS	43	46.20	
PEL	0.55	70	(P)	43	38.23	-1.1
			iS	43	49.45	
LNV	0.63	188	iP+	43	39.71	-0.4
PCH	0.72	114	iP+	43	41.59	0.3
			iS	43	52.45	
CHCH	0.80	138	iP+	43	42.57	0.2
			iS	43	54.31	
FCH	0.85	90	iP+	43	43.52	0.4
JACH	0.88	43	eP	43	43.32	-0.1
			iS	43	57.07	
CACH	0.97	143	(P)	43	49.79	5.2X
			iS	43	59.75	
S.D. = 0.6 on 9 of 10 obs.						

DEC 22, 1992 09h 48m 28.71±0.55s
 43.135 N ± 7.6km 143.095 E ± 11.4km
 DEPTH = 140.8 ± 6.6 km
 4.3mb (6 obs.)

HOKKAIDO, JAPAN REGION (224)

HOJ	0.76	169	iP+	48	51.00	0.1
			S	49	06.50	
ASAJ	1.04	342	iPd	48	53.10	-0.1
KUSJ	1.18	91	iPd	48	54.50	-0.1
			S	49	12.80	
MRRJ	1.65	245	iPd	48	59.70	0.2
			S	49	21.60	
AOMJ	3.28	219	iP+	49	20.40	0.5
			S	49	58.90	
OFUJ	4.19	195	iP+	49	31.50	-0.5
YAMJ	5.47	206	P	49	49.40	0.2
NIJ	6.67	209	P	50	05.40	0.0
			S	51	17.50	
KAKJ	7.28	199	P	50	10.80	-2.8
			S	51	28.40	
MAT	7.58	211	iPc	50	17.70	0.0
	0.7s	22.60nm			4.8mb	
			eS	51	44.00	
MTMJ	7.70	214	P	50	20.40	1.0
CHJJ	7.75	205	P	50	19.10	-0.9
			S	51	44.30	
IIDJ	8.63	209	P	50	32.60	0.7
			eS	52	05.50	
TSRJ	9.37	218	P	50	43.70	2.1
YKA	57.93	32	eP	58	08.30	0.5
	0.6s	0.80nm			3.8mb	
KAF	63.51	332	eP	58	44.70	-0.7
	0.4s	1.70nm			4.3mb	
NUR	65.20	331	iP	58	55.70	-0.6
	0.4s	4.40nm			4.7mb	
HFS	69.07	336	eP	59	20.20	-0.4
	0.3s	1.50nm			4.2mb	
NAO	69.35	337	P	59	21.80	-0.6
	0.6s	1.00nm			3.8mb	
PV10	75.84	50	eP	00	02.86	1.7
CIN	80.32	313	eP	00	21.00	-4.2X
S.D. = 1.1 on 20 of 21 obs.						

? DEC 22, 1992 09h 49m 02.78±4.38s
 40.610 N ± 37.3km 22.998 E ± 9.2km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE	0.03	312	ePg	49	04.80	0.0
			eSg	49	05.72	
SOH	0.34	52	ePg	49	09.96	0.1
			eSg	49	15.00	
KNT	0.56	352	ePg	49	14.04	0.0
			eSg	49	21.64	
SRS	0.68	41	ePg	49	16.16	-0.1
			eSg	49	25.20	
S.D. = 0.1 on 4 of 4 obs.						

? DEC 22, 1992 10h 14m 34.67±5.88s
 31.228 S ± 20.7km 68.704 W ± 45.4km
 DEPTH = 115.2 ± 47.6 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.23	117	iPc	14	51.20	-0.1
RTCB	0.27	198	iPd	14	51.60	0.1
CFA	0.55	134	ePc	14	52.80	0.1
			S	15	05.00	
MRA	2.81	116	ePc	15	18.80	-0.1
			S	15	46.00	
TCA	3.52	93	iPc	15	28.80	0.1
			S	16	07.00	
RFA	3.54	177	iP	15	27.20	-1.7X
CYA	3.75	43	eP	15	31.70	0.0
			S	16	13.50	
S.D. = 0.2 on 6 of 7 obs.						

* DEC 22, 1992 10h 15m 57.71±0.97s
 3.275 S ± 6.6km 131.002 E ± 11.5km
 DEPTH = 66.8 ± 10.2 km
 5.2mb (4 obs.)

IRIAN JAYA REGION, INDONESIA (196)

SWI	2.41	6	ePd	16	35.50	-0.1
			iS	17	03.00	
AAI	2.83	262	eP	16	41.00	-0.5
SLKI	4.69	176	iPd	17	05.00	-2.6X
MTN	9.51	179	eP	18	14.90	0.5
	0.4s	146.00nm			6.3mb	X
			e	18	35.00	
			eS	19	57.50	
WB2	16.89	169	iPd	19	52.00	0.7
			eS	22	48.20	
ASPA	20.47	172	iPc	20	36.10	3.6X
	0.7s	151.00nm			5.4mb	X
			eS	24	18.90	
MBL	20.84	211	eP	20	21.50	-14.7X
	0.4s	6.00nm				
WARB	23.16	190	eP	21	03.00	3.8X
NANU	24.34	217	eP	21	10.60	-0.1
	0.6s	30.00nm			4.9mb	
STKA	30.15	162	eP	22	02.30	-1.3
			i	22	08.90	
IPM	30.95	284	ePd	22	16.50	5.6X
BWA	34.97	154	iPc	22	53.40	7.8X
CAN	35.99	155	iPc	23	01.00	6.8X
CHC	38.44	306	eP	23	16.40	1.5
GUN	53.34	309	P	25	12.92	-0.1
	0.6s	24.00nm			5.4mb	
PKI	53.56	308	P	25	14.10	-0.5
KKN	53.76	308	P	25	15.88	-0.1
DMN	53.81	308	P	25	16.42	0.0
	0.6s	13.00nm			5.1mb	
GKN	54.36	308	P	25	20.24	-0.1
	0.6s	21.00nm			5.3mb	
CNCB	152.62	137	PKP	35	57.30	14.8X
ZOBO	152.88	136	PKP	35	57.70	14.7X
S.D. = 0.8 on 12 of 21 obs.						

22d 10h

GBR 1.07 141 P 36 52.90 -1.0
 ARO 1.14 113 P 36 54.99 -0.2
 S 37 10.40
 MKL 1.37 101 P 36 58.78 -0.1
 ATA 1.50 110 P 37 01.78 1.1
 BCAO 24.18 254 iPd 41 52.00 0.6
 1.1s 22.00nm 4.7mb
 GKN 43.07 62 P 44 48.94 13.0X
 DMN 43.39 62 P 44 51.64 13.0X
 GEC2 43.51 333 P 44 38.50 -0.7
 1.7s 6.54nm 4.1mb
 KKN 43.58 62 P 44 53.52 13.4X
 PKI 43.65 63 P 44 53.82 13.0X
 GUN 44.12 62 P 44 57.96 13.2X
 S.D. = 0.7 on 10 of 15 obs.

? DEC 22, 1992 10h 47m 33.92±2.78s
 32.600 S ±22.6km 71.356 W ±19.8km
 DEPTH = 70.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.4 (SAN).

ROCH 0.47 142 iPd 47 46.91 0.0
 IS 47 56.76
 JACH 0.65 97 iP+ 47 48.45 -0.1
 IS 47 59.67
 PEL 0.78 134 iPd 47 50.54 0.5
 IS 48 02.88
 LCCH 0.89 192 iP 47 51.22 -0.1
 IS 48 04.34
 TACH 1.11 162 iP 47 54.23 0.2
 IS 48 10.26
 FCH 1.15 129 iP+ 47 55.12 0.1
 eS 48 11.28
 PCH 1.24 145 (P) 47 55.01 -0.9
 eS 48 13.30
 CHCH 1.45 156 eP 47 58.99 0.3
 IS 48 18.61
 S.D. = 0.5 on 8 of 8 obs.

DEC 22, 1992 10h 55m 03.12±0.29s
 51.521 N ±9.0km 176.747 W ±3.9km
 DEPTH = 40.0km (13 depth phases)
 4.9mb (20 obs.) 4.3Msz (1 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 Felt (IV) on Adok.

ADK 0.37 6 iPd 55 14.69 2.6
 SDN 10.42 62 eP 57 32.49 -0.4
 KDC 15.31 57 (P) 58 38.96 1.2
 KDC 15.31 57 eP 58 42.00 4.2X
 TTA 15.93 36 eP 58 50.00 4.2X
 PMR 18.11 45 eP 59 14.00 1.1
 IMA 18.67 30 eP 59 19.37 -0.6
 0.8s 8.67nm 4.0mb
 FBA 20.05 37 eP 59 35.00 -0.2
 BRW 21.81 17 eP 59 54.00 0.9
 YKA 34.20 47 eP 01 44.60 -1.8
 0.9s 2.70nm 4.2mb
 MAT 35.08 263 eP 01 55.00 0.8
 0.9s 22.69nm 5.1mb
 DPW 37.17 72 eP 02 12.22 0.4
 eP 02 22.94 37km
 LBFM 38.31 83 eP 02 23.72 2.1
 SNY 41.02 281 eP 02 44.10 0.4
 1.2s 23.00nm 4.8mb
 LCCM 41.95 71 eP 02 52.40 0.9
 BONR 42.55 85 eP 02 57.89 1.1
 TNP 43.15 84 eP 03 01.35 -0.1
 1.3s 15.68nm 4.6mb
 HVU 43.67 77 eP 03 05.57 -0.1
 TPNV 44.45 85 (P) 03 13.31 1.3
 DUG 44.58 79 eP 03 13.84 0.8
 0.8s 4.57nm 4.4mb
 BW06 45.03 74 ePc 03 16.23 -0.5
 0.6s 7.70nm 4.8mb
 GSC 45.16 87 eP 03 18.67 1.1
 DAU 45.40 77 eP 03 20.96 1.2
 MSU 46.00 80 eP 03 25.42 1.0
 e 03 36.89
 ePcP 05 01.41
 EMUT 46.04 78 eP 03 25.43 0.8
 PLM 46.40 89 eP 03 27.27 -0.3
 BJI 46.60 283 eP 03 29.00 0.3
 0.9s 16.00nm 5.0mb
 SRU 46.64 78 eP 03 30.04 0.6

RSSD 47.51 69 eP 03 42.18 -1.2
 0.6s 6.24nm 4.8mb
 eP 03 46.71 41km
 ePcP 05 05.68
 PV09 47.88 78 eP 03 39.08 -0.2
 eP 03 50.74 42km
 PV10 48.01 78 eP 03 40.47 0.2
 PV08 48.12 78 eP 03 40.92 -0.3
 eP 03 52.65 42km
 TIA 48.42 279 Pc 03 42.90 -0.2
 ULM 48.53 58 eP 03 56.50 12.8X
 HHC 48.88 287 eP 03 47.60 0.9
 0.8s 9.20nm 4.9mb
 GLD 49.46 74 eP 03 52.15 0.8
 1.2s 15.16nm 4.9mb
 eP 04 04.20 43km
 BTO 49.96 288 eP 03 55.00 0.8
 TIY 50.33 283 Pc 03 58.80 1.0
 XAN 54.89 282 P 04 31.00 -0.9
 1.0s 180.00nm 6.1mb X
 LZH 56.57 287 eP 04 44.00 -0.1
 1.4s 18.00nm 4.9mb
 Z 18s 0.24um 4.3Msz
 TUL 57.61 72 eP 04 50.20 -1.0
 1.2s 32.20nm 5.3mb
 e 05 01.30
 LNO2 57.61 72 eP 04 50.10 -1.1
 FVM 59.32 66 eP 05 01.22 -1.9
 0.6s 22.70nm 5.5mb
 ipP 05 12.73 40km
 MIAR 59.86 71 ePc 05 05.75 -1.1
 0.8s 15.85nm 5.2mb
 ipP 05 17.93 42km
 CD2 60.20 283 eP 05 09.00 -0.3
 OLY 60.44 69 eP 05 08.35 -2.4
 eP 05 20.04 40km
 ELC 60.49 66 ePc 05 09.52 -1.6
 ipP 05 21.07 40km
 GYA 61.58 277 P 05 18.00 -0.8
 1.0s 29.00nm 5.4mb
 TKL 64.74 64 eP 05 38.27 -1.1
 eP 05 49.78 39km
 KMI 64.97 279 Pd 05 41.00 -0.3
 1.0s 60.00nm 5.6mb
 NAV 65.19 61 eP 05 41.27 -1.0
 eP 05 52.29 36km
 JSC 67.16 63 iPc 05 54.27 -0.5
 eP 06 05.56 37km
 SGS 68.38 64 ePc 06 02.42 0.0
 eP 06 14.47 41km
 SHL 71.24 288 iPd 06 20.00 -0.3
 CHG 72.00 278 eP 06 24.70 0.0
 e 12 04.20
 GUN 72.99 293 P 06 30.26 -0.6
 0.3s 15.00nm 5.4mb
 KKN 73.42 294 P 06 33.82 0.6
 PKI 73.51 293 P 06 31.66 -2.2
 GKN 73.63 294 P 06 33.96 -0.3
 DMN 73.66 294 P 06 35.00 0.4
 WB2 83.01 226 eP 07 25.90 0.5
 0.9s 4.40nm 4.5mb
 ASPA 86.47 224 eP 07 43.50 0.8
 0.7s 9.00nm 5.1mb
 e 07 55.70
 STKA 90.75 214 eP 08 04.20 1.5
 KIC 121.94 9 PKP 13 53.20 -1.5
 BCAO 122.75 342 iPKPd 13 55.20 -1.1
 0.8s 7.00nm
 S.D. = 1.1 on 62 of 65 obs.

DEC 22, 1992 11h 19m 12.35±0.68s
 6.514 S ±4.2km 130.502 E ±5.1km
 DEPTH = 104.6 ± 7.6 km
 5.1mb (19 obs.)
 BANDA SEA (280)

SLKI 1.66 152 iPd 19 40.00 -1.2
 IS 19 59.10
 AAI 3.63 321 ePd 20 07.50 0.0
 eS 20 55.00
 MTN 6.32 174 eP 20 40.20 -4.4X
 0.3s 451.00nm 6.3mb X
 KUPT 7.72 242 eP 21 03.50 -0.3
 eS 22 24.60
 WWKK 13.38 78 e(P) 22 21.00 1.7

WB2 13.86 165 iPd 22 18.30 -7.3X
 eS 24 46.30
 BIP 15.24 344 ePc 22 45.50 2.3
 MDG 15.25 86 eP 22 41.70 -1.6
 OIS 16.52 149 eP 22 54.50 -4.7X
 eS 25 47.50
 PMG 16.74 101 eP 23 02.00 0.0
 0.8s 67.16nm 4.9mb
 ASPA 17.37 170 eP 23 05.20 -4.4X
 eS 26 04.10
 TRT 17.77 265 ePc 23 15.20 0.6
 MBL 17.85 214 eP 22 58.50 -17.0X
 0.6s 59.00nm
 eS 26 04.00
 PLP 18.40 343 ePd 23 23.00 0.8
 KKM 18.95 311 iPc 23 27.00 -1.2
 0.3s 56.20nm 5.4mb
 WARB 19.90 190 eP 23 37.50 -0.6
 eS 27 06.00
 PPR 19.98 324 ePd 23 49.00 10.1X
 CTA 20.39 133 iPd 23 49.00 5.9X
 NANU 21.52 221 eP 23 54.40 0.1
 0.6s 55.00nm 5.1mb
 eS 27 51.00
 MEEK 22.99 208 eP 24 10.00 1.2
 eS 28 20.00
 FORT 24.25 185 eP 24 22.00 1.1
 PJG 24.54 36 eP 24 17.80 -6.0X
 BAG 24.80 337 eP 24 26.30 -0.1
 MRWA 26.41 209 eP 24 41.00 0.0
 eS 29 40.00
 BAL 27.24 207 eP 24 50.00 1.4
 eS 29 55.00
 STKA 27.28 159 eP 24 46.80 -2.1
 BWA 32.33 152 eP 25 35.00 1.3
 e 25 52.30
 QIZ 32.54 322 P 25 34.80 -0.8
 CAN 33.34 152 eP 25 43.20 0.8
 e 26 06.40
 LOE 37.05 310 iPd 26 14.70 0.6
 i 33 47.00
 KHT 38.06 304 eP 26 23.00 0.4
 BDT 39.07 308 eP 26 31.00 0.1
 NJ2 39.93 345 Pd 26 39.00 1.2
 WHN 39.97 338 P 26 39.50 1.4
 0.7s 13.00nm 4.9mb
 pP 26 59.50 83kmX
 CHG 40.01 310 ePc 26 39.10 0.3
 0.8s 37.31nm 5.3mb
 GYA 40.11 326 P 26 40.00 0.4
 0.8s 23.00nm 5.0mb
 MAT 43.43 9 eP 27 05.00 -1.4
 0.9s 15.13nm 4.8mb
 TIA 44.32 344 eP 27 13.80 0.2
 CD2 45.17 327 eP 27 20.30 -0.2
 XAN 45.21 335 P 27 20.30 -0.5
 0.8s 21.00nm 5.0mb
 TIY 47.12 340 eP 27 35.40 -0.4
 BJI 48.17 345 eP 27 43.50 -0.3
 1.0s 22.00nm 4.9mb
 SNY 48.52 353 iPc 27 46.40 -0.1
 0.8s 9.50nm 4.7mb
 sP 28 17.80
 LZH 49.22 331 eP 27 52.00 -0.2
 1.0s 25.00nm 5.1mb
 SHL 49.24 312 iP 27 51.60 -1.0
 0.8s 27.99nm 5.2mb
 eS 35 01.20
 CN2 50.29 355 eP 27 59.60 -0.4
 0.6s 14.00nm 5.1mb
 eP 28 28.50 124kmX
 MDJ 50.90 359 eP 28 05.00 0.4
 0.7s 10.00nm 4.9mb
 LSA 52.20 316 Pc 28 15.80 0.5
 0.8s 19.00nm 5.1mb
 GTA 53.79 331 P 28 27.00 0.6
 1.0s 5.00nm 4.5mb
 GUN 55.01 311 Pc 28 35.20 -0.7
 0.5s 295.00nm 6.5mb X
 PKI 55.19 310 Pc 28 36.14 -1.0
 0.6s 79.00nm 5.9mb
 KKN 55.40 310 Pc 28 37.78 -0.7
 0.6s 138.00nm 6.2mb X
 DMN 55.44 310 Pc 28 38.22 -0.6
 0.6s 127.00nm 6.1mb
 GKN 56.00 310 Pc 28 42.00 -0.7
 0.5s 236.00nm 6.4mb X

HYB 56.55 296 eP 28 45.00 -1.7
 NDI 62.09 307 iPc 29 28.00 3.5X
 WMO 63.26 327 P 29 32.00 -0.1
 0.8s 22.00nm 5.1mb
 YKA 107.10 26 ePKP 37 17.40 -9.8X
 0.7s 1.20nm
 GEC2 112.37 320 PKP 37 38.20 0.4
 0.4s 0.79nm
 KIC 135.54 272 PKP 38 11.10 -11.9X
 YJA 147.47 152 ePKPc 38 47.00 2.7X
 CNCB 150.49 142 iPKPc 38 58.00 8.7X
 LPB 150.62 141 PKP 38 56.80 7.5X
 ZOBO 150.79 141 PKP 38 57.80 8.0X
 CCH 151.12 146 ePKP 38 58.00 8.1X
 S.D. = 1.0 on 49 of 65 obs.

* DEC 22, 1992 11h 24m 00.57±1.10s
 7.289 S ±17.1km 154.999 E ±10.9km
 DEPTH = 99.0 ±10.4 km
 5.1mb (6 obs.)

SOLOMON ISLANDS (193)

RAB 4.17 317 iPc 25 04.00 0.8
 IS 25 58.00
 HNR 5.34 114 eP 25 19.00 -0.3
 eS 26 29.00
 PMG 8.04 254 e(P) 25 56.00 -0.4
 0.8s 44.78nm 5.2mb
 DZM 18.38 144 iPc 28 16.40 5.8X
 NST 58.93 293 eP 33 59.00 7.0X
 CHG 61.03 296 eP 34 06.30 -0.2
 1.0s 17.50nm 5.0mb
 LZH 64.53 316 eP 34 27.50 -2.0
 1.5s 16.00nm 4.7mb
 GUN 75.27 301 P 35 35.34 0.1
 0.7s 52.00nm 5.5mb
 PKI 75.58 301 P 35 36.62 -0.4
 KKN 75.75 301 P 35 37.78 0.0
 0.6s 21.00nm 5.1mb
 DMN 75.85 301 P 35 38.68 0.3
 0.7s 31.00nm 5.3mb
 GKN 76.35 301 P 35 40.80 -0.3
 HYB 79.37 289 eP 35 57.50 -0.2
 GBA 79.73 285 P 36 01.20 1.6
 GEC2 127.30 329 PKP 42 54.80 -0.6
 0.9s 1.42nm
 BAO 147.79 135 e(PKP) 43 35.00 1.5
 e 43 36.00
 e 43 37.40
 e 43 48.50
 S.D. = 1.0 on 14 of 16 obs.

? DEC 22, 1992 12h 23m 01.16±1.48s
 41.107 N ±9.6km 23.602 E ±12.6km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

SRS 0.01 323 ePg 23 02.60 -0.5
 eSg 23 04.20
 SOH 0.34 213 ePg 23 07.80 -0.4
 KNT 0.53 276 ePg 23 12.28 0.3
 OUR 0.82 159 ePg 23 17.40 0.3
 eSg 23 29.28
 S.D. = 0.8 on 4 of 4 obs.

* DEC 22, 1992 12h 34m 41.68±0.49s
 39.484 N ±8.1km 74.761 E ±9.9km
 DEPTH = 33.0km (normal)
 4.5mb (15 obs.)

SOUTHERN XINJIANG, CHINA (321)

NDI 10.96 169 eP 37 19.00 -0.3
 eS 39 18.50
 QUE 11.27 217 eP 37 23.20 -0.5
 eS 39 31.00
 MAIO 12.47 260 eP 37 37.00 -2.8X
 eS 39 49.00
 GKN 14.08 141 P 37 56.94 -4.1X
 KKN 14.57 140 P 38 01.24 -6.3X
 DMN 14.64 141 P 38 03.68 -4.8X
 GUN 14.78 138 P 38 06.96 -3.4X
 PKI 14.82 140 P 38 06.12 -4.8X
 HYB 22.23 170 eP 39 38.00 0.9
 LZH 23.19 89 eP 39 47.00 0.5
 1.2s 25.00nm 4.6mb
 Z 15s 0.39um 4.0mszx
 N 10s 0.28um

HFS 42.64 320 eP 42 34.90 -1.3
 0.5s 2.80nm 4.3mb
 KHC 43.73 304 eP 42 44.00 -1.4
 e 44 49.50
 NAO 44.05 321 P 42 48.40 0.7
 0.8s 3.40nm 4.2mb
 LPG 49.16 300 eP 43 29.70 1.2
 0.8s 5.25nm 4.6mb
 LPL 49.16 300 eP 43 29.10 0.6
 0.7s 4.85nm 4.6mb
 SBF 49.22 298 eP 43 28.50 -0.3
 0.7s 14.00nm 5.1mb
 LOR 50.49 303 eP 43 39.10 0.7
 0.8s 3.10nm 4.4mb
 LBF 50.51 303 eP 43 39.20 0.7
 0.7s 2.10nm 4.2mb
 SMF 50.71 303 eP 43 40.40 0.4
 0.9s 7.20nm 4.7mb
 SSF 50.79 303 eP 43 41.80 1.2
 0.8s 3.10nm 4.3mb
 AVF 50.97 303 eP 43 41.90 -0.1
 0.7s 5.75nm 4.6mb
 RJF 52.69 302 eP 43 53.20 -1.8
 0.9s 4.90nm 4.5mb
 BAO 61.47 251 iPc 45 01.00 3.4X
 0.7s 6.00nm 4.8mb
 YKA 78.09 4 eP 46 37.50 -0.8
 0.9s 2.90nm 4.3mb
 WB2 81.15 125 eP 46 54.80 -0.6
 0.8s 2.70nm 4.3mb
 S.D. = 1.0 on 18 of 25 obs.

& DEC 22, 1992 13h 02m 17.37s
 34.929 N 116.730 W
 DEPTH = 0.6km
 SOUTHERN CALIFORNIA (43)
 <PAS>P>. ML 3.1 (PAS), 2.8 (GS).
 Felt at Borstow.

GSC 0.38 351 iPd 02 25.06 0.2
 SSK 1.07 228 ePc 02 37.42 -1.1
 eS 02 49.43
 PEC 1.09 199 ePd 02 37.64 -1.2
 S 02 52.11
 PLM 1.58 184 eP 02 45.36 -1.4
 eS 03 07.71
 ISA 1.60 298 ePn 02 45.10 -1.9
 iPg 02 48.10
 eS 03 08.56
 TPNV 2.05 11 (Pn) 02 54.13 0.5
 S 03 22.82
 GLA 2.45 139 ePn 02 55.72 -3.6
 PHAM 3.13 288 ePg 03 13.23 4.4
 TNP 3.17 353 (Pn) 03 07.44 -2.2
 ePg 03 17.26
 eS 04 02.35
 MEMM 3.26 327 (P) 03 18.00 7.3
 eS 04 02.37
 BONR 3.28 338 (Pn) 03 10.65 -0.5
 ePg 03 19.70
 ARUT 3.90 42 ePn 03 18.39 -1.6
 MSU 5.12 44 (Pn) 03 36.93 -0.4
 ePg 03 52.88
 PV10 7.07 59 ePg 04 27.77 22.8
 14 obs. associated

DEC 22, 1992 13h 22m 54.52±0.98s
 42.401 N ±9.5km 24.011 E ±10.4km
 DEPTH = 5.0km (geophysicist)
 BULGARIA (359)

SRS 1.32 194 eP 23 18.21 -1.2
 eS 23 40.04
 KNT 1.49 214 eP 23 20.98 -1.0
 eS 23 44.00
 VAY 1.52 225 iPn 23 22.00 -0.4
 SOH 1.65 198 eP 23 23.04 -1.3
 eS 23 49.84
 GRG 1.88 220 eP 23 29.16 1.5
 SKO 1.96 258 iPn 23 29.50 0.8
 iSg 23 58.00
 OUR 2.06 181 eP 23 31.89 1.6
 ALN 2.14 134 eP 23 31.88 0.5
 eS 24 01.40
 GZR 3.12 344 ePd 24 14.00 28.6X
 MLR 3.39 24 eP 23 45.00 -4.3X
 AGG 3.61 201 eP 24 16.80 24.5X

eS 24 21.56
 VRI 3.98 28 eP 23 57.00 -0.5
 S.D. = 1.3 on 9 of 12 obs.

% DEC 22, 1992 13h 35m 47.51±0.60s
 39.302 N ±5.0km 28.755 E ±5.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

DST 0.32 342 iPg 35 53.20 -1.0
 eSg 35 58.00
 KCT 0.99 342 iPn 36 06.60 0.2
 ALT 1.08 103 ePn 36 07.70 -0.2
 KHL 1.15 148 ePn 36 09.00 0.0
 BNT 1.23 329 ePn 36 11.00 0.6
 EDC 1.25 327 ePn 36 11.00 0.3
 YLV 1.35 20 iPn 36 11.60 -0.8
 IZM 1.47 233 ePn 36 14.00 -0.1
 GPA 1.55 50 ePn 36 15.20 0.0
 EYL 1.66 40 ePn 36 18.00 1.1
 S.D. = 0.7 on 10 of 10 obs.

% DEC 22, 1992 14h 28m 27.28±0.68s
 39.234 N ±5.7km 28.708 E ±6.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

DST 0.38 351 iPg 28 34.00 -1.0
 KCT 1.05 345 iPn 28 48.10 1.0
 ALT 1.11 99 ePn 28 48.30 0.2
 KHL 1.11 145 iPn 28 48.20 0.0
 eSg 29 03.20
 BNT 1.27 332 iPn 28 51.50 0.6
 EDC 1.29 330 ePn 28 51.00 -0.1
 IZM 1.40 234 ePn 28 52.70 -0.2
 YLV 1.43 21 iPn 28 52.30 -1.0
 GPA 1.62 49 ePn 28 55.20 -0.8
 EYL 1.74 40 ePn 28 59.10 1.4
 S.D. = 0.9 on 10 of 10 obs.

? DEC 22, 1992 14h 40m 09.36±3.97s
 40.589 N ±33.2km 23.080 E ±11.9km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.10 296 ePg 40 11.78 -0.2
 eSg 40 13.34
 SOH 0.31 42 ePg 40 15.94 0.1
 eSg 40 20.34
 KNT 0.59 346 ePg 40 21.10 -0.2
 eSg 40 28.34
 GRG 0.63 306 ePg 40 22.46 0.4
 S.D. = 0.5 on 4 of 4 obs.

& DEC 22, 1992 15h 03m 55.78s
 64.128 N 150.096 W
 DEPTH = 16.5km
 2.8mb (1 obs.)
 CENTRAL ALASKA (1)
 <AEIC>. ML 3.1 (AEIC).

NEA 0.63 44 iP 04 08.17 0.2
 eS 04 17.18
 MCK 0.65 127 iP 04 08.42 0.1
 eS 04 17.28
 TRF 0.69 187 iP 04 08.88 -0.1
 RND 0.91 142 iP 04 13.19 0.4
 S 04 25.01
 CCB 1.12 61 iP 04 15.84 -0.5
 MDM 1.16 43 iP 04 16.58 -0.5
 eS 04 32.87
 HUR 1.17 170 eP 04 17.57 0.3
 eS 04 33.14
 FBA 1.26 51 P 04 17.80 -0.8
 S 04 35.90
 HDA 1.40 77 iP 04 19.75 -0.8
 eS 04 39.83
 GLM 1.45 52 eP 04 20.60 -0.8
 eS 04 41.80
 SKT 2.25 197 eP 04 32.34 -0.6
 IMA 2.47 324 eP 04 36.00 0.0
 PMR 2.58 170 eP 04 47.50 9.9
 SUA 2.69 187 eP 04 41.48 2.2
 TOA 2.70 137 P 04 41.50 2.1
 DOT 2.71 98 eP 04 39.07 -0.4

22d 15h

TTA 2.91 248 eP 04 54.00 11.7
 CGLM 2.96 198 eP 04 42.87 -0.2
 CP2 3.04 200 eP 04 41.18 -3.0
 BGL 3.06 201 eP 04 44.52 0.1
 CKN 3.07 199 eP 04 44.96 0.5
 SPU 3.09 198 eP 04 43.87 -0.9
 CKT 3.10 199 eP 04 45.40 0.5
 CKL 3.12 200 eP 04 45.00 -0.3
 FYU 3.19 38 eP 04 45.94 -0.1
 PTE 3.31 171 eP 04 48.81 0.9
 SLKM 3.63 181 eP 04 53.41 0.9
 MPA 3.67 174 eP 04 55.14 2.2
 DFR 3.75 200 eP 04 54.49 0.3
 REF 3.85 200 eP 04 56.05 0.3
 CVA 4.13 149 eP 04 59.39 0.0
 YKA 15.90 80 eP 07 38.50 -1.5
 0.6s 0.50nm 2.8mb
 32 obs. associated

DEC 22, 1992 15h 56m 20.18 ± 0.59s
 39.291 N ± 5.3km 28.781 E ± 6.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.3 (ISK).

DST 0.34 339 iPg 56 27.00 -0.1
 KCT 1.01 341 iPn 56 40.00 0.7
 eSg 56 54.50
 ALT 1.06 102 ePn 56 39.80 -0.4
 KHL 1.13 149 ePn 56 40.00 -1.4
 BNT 1.25 328 iPn 56 43.50 0.0
 YLV 1.35 19 iPn 56 44.80 -0.3
 IZM 1.48 234 ePn 56 46.70 -0.3
 GPA 1.54 49 ePn 56 47.50 -0.3
 GBZT 1.58 19 ePn 56 48.30 0.0
 eSg 57 14.00
 EYL 1.66 39 ePn 56 51.60 2.1
 CIN 1.77 198 eP 56 53.00 1.9
 EZN 1.97 286 ePn 56 53.50 -0.4
 DMK 2.65 343 ePn 57 02.00 -1.6
 S.D. = 1.2 on 13 of 13 obs.

? DEC 22, 1992 16h 01m 11.11 ± 1.46s
 51.720 N ± 25.6km 175.682 E ± 12.7km
 DEPTH = 33.0km (normal)
 3.8mb (3 obs.)
 RAT ISLANDS, ALEUTIAN ISLANDS (6)

SMY 1.40 317 ePd 01 34.77 0.2
 S 01 52.01
 ADK 4.74 85 (P) 02 25.33 3.3X
 TTA 18.78 42 eP 05 31.00 1.4
 IMA 21.06 35 eP 05 53.18 -1.2
 0.7s 1.15nm 3.4mb
 FBA 22.87 41 eP 06 14.00 1.7
 YKA 37.48 46 eP 08 21.50 -1.3
 0.4s 0.60nm 3.8mb
 NAO 67.15 352 P 12 01.40 -1.8
 0.8s 3.00nm 4.4mb
 GUN 68.50 288 P 12 12.60 0.0
 KKN 68.95 288 P 12 15.20 0.1
 PKI 69.03 288 P 12 16.60 0.8
 GKN 69.17 289 P 12 16.60 0.2
 WRA 79.98 219 P 13 35.80 17.4X
 0.8s 0.20nm
 S.D. = 1.3 on 10 of 12 obs.

% DEC 22, 1992 16h 13m 13.20 ± 1.33s
 11.466 N ± 11.7km 61.887 W ± 20.5km
 DEPTH = 10.0km (geophysicist)
 WINDWARD ISLANDS (95)
 MD 3.4 (TRN).

GRW 0.72 18 eP 13 33.23 0.1
 eS 13 48.07
 TCE 0.78 170 eP 13 32.90 -0.5
 eS 13 47.08
 TRN 0.94 150 eP 13 35.07 0.2
 eS 13 50.82
 TPR 1.12 104 eP 13 37.43 0.6
 eS 13 57.45
 BOT 1.18 104 eP 13 36.44 -1.0
 eS 13 56.38
 TPP 1.22 159 eP 13 38.01 0.2
 eS 13 56.61
 TBH 1.27 140 eP 13 38.65 0.3
 eS 13 58.30

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

% DEC 22, 1992 16h 36m 41.48 ± 0.88s
 18.859 N ± 8.0km 101.841 W ± 9.3km
 DEPTH = 10.0km (geophysicist)
 GUERRERO, MEXICO (59)

PIM 0.58 184 iP 36 53.00 -0.3
 iS 37 01.50
 MRX 1.04 36 eP 37 01.50 0.4
 iS 37 24.00
 CGX 1.75 299 eP 37 12.00 -0.2
 iS 37 32.00
 ACX 2.73 136 (P) 37 27.00 0.7
 iS 37 56.00
 PPM 3.05 86 eP 37 30.00 -1.1
 (S) 38 13.00
 S.D. = 1.0 on 5 of 5 obs.

DEC 22, 1992 16h 42m 37.25 ± 0.18s
 34.568 N ± 3.3km 88.053 E ± 2.9km
 DEPTH = 33.0km (normal)
 5.1mb (73 obs.) 4.8msz (8 obs.)
 XIZANG (306) (HRV)

CENTROID, MOMENT TENSOR
 Data Used: GDSN
 L.P.B.: 12S, 17C
 Centroid Location:
 Origin Time 16:42:43.9 1.3
 Lat 34.67N Lon 88.03E 0.13
 Dep 15.0 FIX Half-duration 1.1
 Moment Tensor: Scale 10**16 Nm
 Mrr=-4.99 0.56 Mtl=-3.17 0.86
 Mff= 8.16 0.69 Mrt=-2.76 1.50
 Mrf=-3.16 3.26 Mlf= 0.49 0.51
 Principal Axes:
 T Val= 8.98 Plg=14 Azm= 95
 N -1.65 30 193
 P -7.33 57 344
 Best Double Couple: Mo=8.1*10**16
 NP1:Strike=152 Dip=41 Slip=-139
 NP2: 29 65 -57

LSA 5.52 151 Pnc 44 02.20 2.5
 0.5s 6.00nm 4.4mb
 Z 10s 28.40um 4.8msz
 E 11s 21.40um
 Pg 44 14.00
 Sg 45 28.00
 GUN 6.89 196 P 44 18.74 -0.2
 KKN 7.16 200 P 44 22.24 -0.3
 0.8s 346.00nm 6.4mb X
 GKN 7.17 205 P 44 22.28 -0.3
 PKI 7.33 199 P 44 25.12 0.0
 0.9s 432.00nm 6.4mb X
 DMN 7.38 201 P 44 25.44 -0.2
 0.7s 246.00nm 6.3mb X
 WMQ 9.24 358 P 44 50.00 -1.3
 1.0s 56.00nm 5.7mb
 Z 12s 13.40um 3.9msz
 N 10s 12.60um
 E 10s 11.80um

SHL 9.56 159 iPn 44 52.60 -3.3X
 eSn 46 34.00

GTA 10.57 59 Pc 45 08.00 -1.7
 1.5s 42.00nm 5.4mb
 Z 10s 8.65um 4.6mszX
 S 47 09.00

KSH 10.81 300 P 45 14.00 1.1
 N 10s 23.80um
 NDI 10.94 241 iPc 45 13.00 -1.5
 0.7s 37.67nm 5.7mb
 eS 47 14.00

TLG 12.01 319 eP 45 31.00 1.9
 2.5s 250.00nm 5.9mb
 E 12s 5.60um

LZH 12.99 79 eP 45 42.00 -0.2
 Z 12s 2.93um
 N 12s 14.10um

FRU 13.34 312 eP 45 50.00 3.3X
 2.4s 290.00nm 5.8mb
 CD2 13.71 101 eP 45 51.50 -0.2
 S 48 20.00

KMI 15.83 123 eP 46 16.00 -3.4X
 Z 10s 8.20um
 N 12s 10.30um
 E 13s 8.40um

SEM 16.83 343 eP 49 20.00 -0.9
 2.1s 99.00nm 4.6mb
 Z 14s 3.00um 4.1msz

XAN 17.25 86 P 46 35.20 -2.1
 1.2s 22.00nm 4.2mb
 Z 10s 3.83um 4.0mszX
 pP 46 46.00
 S 49 52.00

GYA 17.94 112 iPc 46 44.50 -1.4
 1.2s 150.00nm 5.0mb
 Z 18s 3.12um 4.6mszX
 N 15s 6.70um
 E 15s 2.06um

pP 46 50.00
 PP 47 01.00
 S 50 08.00

QUE 18.35 262 eP 46 48.60 -2.4
 e 50 25.50
 BTO 18.40 64 eP 46 49.70 -1.8
 CHG 18.44 146 eP 46 49.60 -2.4
 1.0s 30.50nm 4.4mb
 HYB 19.08 209 eP 46 55.30 -4.5X
 1.0s 70.00nm 4.9mb
 eS 50 40.00

ZAK 19.33 31 iPd- 47 03.40 1.0
 1.5s 138.00nm 5.0mb
 Z 11s 4.90um 4.4mszX
 N 12s 2.40um

HHC 19.60 64 P 47 05.00 -0.8
 1.2s 65.00nm 4.8mb
 Z 16s 4.74um 4.5mszX
 N 12s 8.39um
 E 14s 7.10um

BDT 19.84 148 eP 47 08.00 -0.2
 TIY 19.93 74 eP 47 08.50 -0.6
 Z 14s 2.86um
 N 11s 4.44um

POO 20.37 222 iPd 47 14.00 0.2
 1.0s 140.00nm 5.3mb
 iS 51 10.00

BOM 20.67 225 eP 47 18.80 2.0
 iS 53 22.80

LOE 21.01 141 eP 47 18.90 -1.5
 IRK 21.19 28 iP 47 23.50 1.6
 1.4s 229.00nm 5.4mb
 Z 14s 2.08um 4.7mszX
 N 12s 1.66um
 E 11s 1.51um

e 47 42.20 88kmX
 e 47 58.30
 e 51 30.00

NST 21.73 147 eP 47 33.00 5.4X
 KHT 21.87 152 eP 47 29.20 0.1
 BRVK 22.39 331 iPd 47 35.00 1.1
 1.2s 140.00nm 5.3mb
 WHN 22.50 93 eP 47 35.50 0.3
 1.0s 37.00nm 4.8mb
 Z 16s 5.33um 5.1mszX
 E 10s 3.27um

BJI 22.98 68 eP 47 41.50 1.7
 1.3s 80.00nm 5.1mb
 Z 16s 2.92um 4.8mszX
 N 12s 6.71um

GBA 22.98 207 P 47 42.00 2.0
 MAIO 23.30 283 eP 47 46.00 2.9X
 eS 52 04.00

TIA 23.72 78 Pc 47 49.30 2.2
 1.4s 78.00nm 5.0mb
 Z 16s 3.06um 4.9mszX
 N 11s 1.42um
 E 11s 2.41um

ASH 24.14 287 eP 47 54.00 2.9
 1.5s 140.00nm 5.3mb
 e 52 57.00
 e 53 15.00

QIZ 24.78 123 P 47 59.00 1.6
 N 13s 2.74um
 E 12s 2.21um

S 52 20.00
 CIT 25.28 39 eP 48 03.00 1.0

SSE	27.99	88	eP	48	30.00	3.1X	0.7s	7.97nm	4.8mb	WB2	69.83	134	eP	53	45.70	-1.0		
Z	18s	1.80um				4.7Msz		e	52	14.70	18kmX					5.0mb		
		eS		53	15.00			52	09.00	0.1	TTA	70.30	26	eP	53	50.02	0.9	
SNY	28.69	65	iPc	48	33.80	0.6	1.5s	14.30nm	4.8mb		1.4s	14.38nm				4.8mb		
	1.0s	23.00nm						e	52	13.30	14kmX	BCAO	70.65	262	iPd	53	50.80	-1.1
Z	10s	3.20um				5.2MszX		e	53	05.00			0.4s	20.00nm			5.5mb	
N	13s	8.06um							52	12.90	0.8	RES	71.01	1	eP	54	24.90	139kmX
		eS		53	25.00				52	13.50	-0.6	FBA	71.75	22	ePd	53	58.23	0.5
SVE	29.00	329	ePd	48	37.50	1.6	1.2s	19.30nm	5.0mb		0.8s	14.49nm					5.0mb	
	2.1s	120.00nm				5.2mb			52	11.90	-2.2	ASPA	72.45	136	iPd	54	03.10	0.7
Z	15s	3.00um				5.0MszX			52	14.70	0.3		1.1s	17.60nm			5.0mb	
N	14s	3.50um							52	14.10	-0.5	PMR	73.61	25	ePc	54	08.99	0.3
E	14s	2.00um							52	15.20	0.2		1.1s	50.71nm			5.4mb	
ARU	29.66	326	eP	48	41.00	-0.8			52	14.80	-0.1	KRI	75.45	237	eP	54	20.30	0.2
	2.3s	280.00nm				5.6mb						BUL	78.41	236	iPd	54	37.20	0.6
		e		48	56.00	61kmX						YKA	81.57	10	eP	54	52.80	0.2
		e		49	55.00								0.8s	9.90nm			4.9mb	
CN2	30.20	61	eP	48	46.70	0.0						KIC	88.73	277	P	55	26.40	-2.8X
	1.0s	17.00nm				4.8mb						CBM	96.09	344	(P)	56	03.95	1.3
Z	15s	4.24um				5.2MszX							0.9s	8.10nm			5.2mb	
N	12s	4.25um										CCH	151.30	300	ePKP	02	28.00	4.5X
E	12s	1.68um										ZOBO	151.94	304	PKP	02	25.90	1.0
		eS		48	59.80							LPB	152.09	304	ePKP	02	14.00	-10.8X
MDJ	33.23	60	eP	49	14.00	0.8						CNCB	152.20	303	PKP	02	27.20	2.0
	1.0s	18.00nm				4.9mb							S.D. = 1.1 on 129 of 142 obs.					
MTA	34.47	295	eP	49	25.00	1.0							% DEC 22, 1992 17h 01m 44.04±0.85s					
		e		57	32.00								39.290 N ± 7.3km 28.835 E ± 7.8km					
YAK	37.93	31	iPd	49	53.20	0.3							DEPTH = 10.0km (geophysicist)					
	1.5s	80.00nm				5.4mb							TURKEY (366)					
N	20s	2.30um											MD 2.9 (ISK).					
E	20s	0.70um											DST 0.35 333 iPg 01 50.90 -0.4					
MOS	40.26	318	eP	50	13.00	0.6							ALT 1.02 103 ePn 02 04.40 1.0					
	Z	20s	2.00um			5.0Msz							KCT 1.03 339 iPn 02 04.00 0.6					
		e		50	27.00	54kmX							KHL 1.10 151 ePn 02 04.40 -0.4					
		e		51	57.00								BNT 1.28 327 ePn 02 08.00 0.3					
MAT	40.48	72	(P)	50	10.00	-4.5X							EDC 1.29 325 ePn 02 08.00 0.0					
	1.2s	21.88nm				4.8mb							YLV 1.34 18 ePn 02 09.00 0.2					
		eS		56	29.00								GPA 1.51 48 ePn 02 10.00 -1.2					
OBN	40.73	316	iPd	50	17.00	0.7							EYL 1.63 38 ePn 02 13.00 0.0					
	1.3s	52.00nm				5.1mb							S.D. = 0.7 on 9 of 9 obs.					
Z	18s	1.80um				5.0Msz							% DEC 22, 1992 18h 13m 54.83±5.57s					
N	14s	1.50um											39.170 N ± 40.4km 28.749 E ± 21.0km					
E	16s	1.20um											DEPTH = 10.0km (geophysicist)					
		e		51	53.00	530kmX							TURKEY (366)					
		ePPP		52	19.00								MD 2.8 (ISK).					
HR1	43.03	284	eP	50	37.10	1.6							DST 0.45 348 iPg 14 03.20 -0.7					
SDOM	43.98	281	eP	50	45.50	2.4X							KCT 1.12 344 iPn 14 17.00 1.2					
PRNI	44.55	280	eP	50	49.40	1.6							BNT 1.35 332 ePn 14 20.00 0.4					
MNK	45.90	314	eP	50	57.00	-1.2							EDC 1.36 330 ePn 14 19.00 -0.8					
ELL	46.66	290	iP	51	05.10	0.5							YLV 1.48 19 ePn 14 21.40 -0.1					
KAF	46.99	325	iP	51	07.10	0.4							S.D. = 1.2 on 5 of 5 obs.					
	0.9s	11.40nm				4.9mb							DEC 22, 1992 18h 44m 14.45±1.14s					
VR1	47.10	303	eP	51	05.00	-2.8X							40.067 N ± 6.2km 19.630 E ± 10.9km					
MGD	47.30	37	eP	51	09.90	0.7							DEPTH = 10.0km (geophysicist)					
	1.0s	30.00nm				5.3mb							ALBANIA (391)					
	Z	14s	1.30um			5.0MszX							ML 3.1 (TIR). MD 3.0 (ATH).					
	N	14s	0.70um										SRN 0.34 123 iPg 44 20.60 -0.9					
	E	14s	0.60um										TPE 0.37 52 iPg 44 17.20 -4.9X					
		e		53	04.00	655kmX							KEK 0.38 160 ePg 44 22.50 0.3					
		eS		58	00.00								VLO 0.41 346 iPg 44 22.80 -0.1					
ISR	47.34	302	eP	51	10.00	0.2							IGT 0.76 134 ePg 44 28.26 -1.1					
CVO	47.49	303	ePc	51	13.00	2.1							TIR 1.29 8 ePn 44 38.82 0.2					
MLR	47.70	303	iPc	51	14.50	1.8							OHR 1.37 40 iPn 44 37.40 -2.2					
MTUR	48.36	303	eP	51	18.00	0.2							iSn 44 58.50					
UZH	49.65	307	iPc	51	27.80	0.3							Lg 45 03.80					
	1.1s	37.00nm				5.3mb							FNA 1.51 61 ePb 44 40.22 -1.4					
OJC	51.01	310	eP	51	38.20	0.4							eSb 45 01.06					
PSZ	51.36	307	eP	51	40.70	0.1							LACI 1.57 2 ePn 44 41.50 -0.8					
SKO	51.64	299	iP	51	43.00	0.2							KZN 1.66 81 ePb 44 44.50 0.7					
		i		51	46.00	10kmX							eSb 45 07.20					
OHR	52.34	298	eP	51	46.50	-1.6							SDA 1.99 357 ePn 44 49.00 0.6					
SRO	52.42	307	iP	51	49.40	0.8							VLS 2.03 158 ePg 44 55.00 5.9X					
KSP	53.09	311	ePd	51	53.40	-0.1							KKS 2.09 16 ePn 44 54.00 4.0X					
HFS	53.11	323	eP	51	52.90	-0.6							LIT 2.19 88 ePn 44 52.94 1.4					
	0.7s	15.30nm				5.1mb												
ZST	53.13	308	eP	51	52.10	-1.7												
PRU	54.37	310	P	52	03.00	0.1												
	1.1s	8.30nm				4.7mb												
NAO	54.42	324	P	52	01.80	-1.3												
	0.9s	15.30nm				5.0mb												
PTJ	54.45	305	eP	52	03.40	-0.2												
BRG	54.54	312	iPc	52	04.40	0.3												
	1.4s	29.00nm				5.1mb												
CLL	55.02	312	eP	52	07.00	-0.6												
	1.6s	24.00nm				5.0mb												
GEC2	55.18	309	Pd	52	09.10	0.2												

22d 18h

GRG 2.29 66 eSn 45 18.94
 AGG 2.33 116 ePn 44 53.38 0.5
 SKO 2.34 35 ePn 44 54.57 1.1
 VAY 2.56 60 ePn 44 53.58
 KNT 2.72 65 ePn 44 23.58
 S.D. = 1.2 on 16 of 19 obs.

? DEC 22, 1992 19h 03m 40.41 ± 0.83s
 35.202 N ± 25.0km 140.641 E ± 13.5km
 DEPTH = 33.0km (normal)
 3.9mb (2 obs.)

NEAR EAST COAST OF HONSHU, JAPAN(228)

MAT 2.39 305 eP 04 18.00 0.0
 GUN 46.73 277 P 12 15.60 6.9X
 KKN 47.27 277 P 12 12.40 -0.4
 GBA 60.46 266 P 13 50.00 0.5
 YKA 65.71 30 eP 14 23.70 0.2
 NAO 75.92 337 P 15 30.50 5.4X
 ZOBO 148.14 61 ePKP 23 21.00 -1.3
 LPB 148.33 61 ePKP 23 23.00 0.7
 CNCB 148.59 62 PKP 23 23.10 0.2
 S.D. = 0.8 on 7 of 9 obs.

? DEC 22, 1992 19h 36m 46.02 ± 3.23s
 39.299 N ± 25.2km 28.782 E ± 23.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.8 (ISK).

DST 0.33 339 iPg 36 51.90 -0.9
 KCT 1.00 341 iPg 36 56.90
 ALT 1.06 103 ePg 37 06.00 -0.1
 YLV 1.34 20 ePn 37 10.90 0.1
 S.D. = 1.4 on 4 of 4 obs.

? DEC 22, 1992 19h 38m 22.45 ± 1.72s
 6.115 S ± 21.3km 146.840 E ± 17.6km
 DEPTH = 113.2 ± 16.7 km
 4.4mb (2 obs.)

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

YYYY 0.88 262 eP 38 43.50 0.4
 FING 1.13 116 eP 38 45.50 0.0
 MDG 1.36 309 iPd 38 47.90 -0.3
 PMG 3.29 174 iPd 39 12.90 -0.2
 WWKK 4.05 308 eP 39 30.50 7.0X
 WB2 18.34 220 eP 42 29.50 -1.4
 ASPA 21.44 214 iPd 43 04.40 1.5
 S.D. = 1.5 on 6 of 7 obs.

& DEC 22, 1992 19h 52m 26.64s
 35.315 N 117.657 W
 DEPTH = 6.4km

CENTRAL CALIFORNIA (39)

<PAS-P>. MD 3.1 (PAS).

GSC 0.70 91 iPd 52 39.61 -1.0
 ISA 0.75 298 iPd 52 40.43 -1.3
 SSK 1.10 182 ePd 52 46.87 -0.9
 PEC 1.48 164 ePn 52 50.85 -2.9
 TPNV 1.99 35 ePn 53 02.85
 BCH 1.99 267 ePn 53 02.85
 PLM 2.06 161 ePn 53 13.07
 PKEM 2.13 291 eP 53 13.07
 MTUM 2.16 340 ePn 53 13.07
 MRCM 2.45 344 ePn 53 13.07
 S.D. = 1.5 on 6 of 7 obs.

MMPM 2.54 335 ePn 53 11.59 2.2
 MEMM 2.56 337 ePn 53 45.19 1.6
 BONR 2.69 349 ePn 53 10.91 1.6
 TNP 2.78 7 ePn 53 47.32
 GLA 3.26 133 ePn 53 11.05 -0.4
 ARUT 4.20 53 ePn 53 11.30 -1.4
 MSU 5.43 52 (P) 53 19.42 0.2
 TUC 6.46 116 eP 54 09.60
 S.D. = 1.2 on 16 of 19 obs.

DEC 22, 1992 20h 49m 35.05 ± 0.42s
 48.497 N ± 4.8km 9.324 E ± 3.8km
 DEPTH = 10.0km (geophysicist)

GERMANY (543)

ML 3.0 (LDG), 3.0 (VIE), 2.8 (FUR), 2.7 (GRF), 2.7 (STR).

SLE 0.92 218 iPd 49 53.10 0.5
 FEL 1.08 235 ePn 49 55.31 -0.1
 LANF 1.12 296 Pg 49 58.19 2.2
 KTD 1.16 316 ePn 49 57.16 0.4
 TOD 1.16 343 ePn 49 57.06 0.3
 ZLA 1.19 212 iPd 49 56.90 -0.5
 LIBD 1.20 254 Pg 49 59.07 1.7
 WLS 1.31 267 Pg 50 01.03 1.6
 FUR 1.34 104 iPd 50 00.80 1.0
 CDF 1.37 267 Pn 49 59.29 -0.9
 ECH 1.47 260 Pn 50 00.71 -0.9
 ECH 1.47 260 Pg 50 03.61 2.0
 BBS 1.60 230 Pg 50 06.28 2.8X
 LLS 1.64 188 ePd 50 04.00 -0.3
 GRF 1.73 45 ePn 50 04.70 -0.6

SQTA 1.80 134 iPd 50 08.20 1.7
 ABH 1.81 321 ePn 50 09.90
 BSF 1.82 249 Pn 50 32.60
 OSS 1.89 163 iPd 50 07.27 0.7
 RUP 1.91 310 ePn 50 05.40 -1.4
 WTTA 1.99 128 iPd 50 10.40
 VDL 2.01 177 ePd 50 25.80
 LOMF 2.03 237 Pg 50 33.70
 HAU 2.05 257 Pn 50 08.10 0.2
 S.D. = 0.9 on 7 of 7 obs.

DEC 22, 1992 21h 54m 05.25 ± 0.43s
 39.241 N ± 3.7km 28.717 E ± 4.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.4 (ISK).

DST 0.37 349 iPg 54 13.00 0.1
 KCT 1.04 345 iPg 54 25.90 0.9
 ALT 1.10 99 ePg 54 26.60 0.6
 KHL 1.11 145 iPg 54 26.60 0.4
 BNT 1.27 331 iPd 54 29.90 1.0
 EDC 1.29 330 iPd 54 29.50 0.4
 IZM 1.41 234 ePn 54 30.90 -0.1
 YLV 1.42 21 iPd 54 30.40 -0.7
 GPA 1.61 49 iPd 54 33.70 -0.2
 GBZT 1.64 20 ePn 54 40.00 5.7X
 EYL 1.73 39 ePn 54 35.40 -0.2
 ISK 1.84 8 ePn 54 36.80 -0.3
 CTT 1.92 354 ePn 54 38.00 -0.2
 EZN 1.94 288 ePn 54 38.40 -0.1
 YER 2.13 189 ePn 54 41.00 -0.4
 DMK 2.68 344 ePn 54 48.00 -1.2
 S.D. = 0.7 on 15 of 16 obs.

CENTRAL CALIFORNIA (39)

<PAS-P>. MD 3.1 (PAS).

GSC 0.70 91 iPd 52 39.61 -1.0
 ISA 0.75 298 iPd 52 40.43 -1.3
 SSK 1.10 182 ePd 52 46.87 -0.9
 PEC 1.48 164 ePn 52 50.85 -2.9
 TPNV 1.99 35 ePn 53 02.85
 BCH 1.99 267 ePn 53 02.85
 PLM 2.06 161 ePn 53 13.07
 PKEM 2.13 291 eP 53 13.07
 MTUM 2.16 340 ePn 53 13.07
 MRCM 2.45 344 ePn 53 13.07
 S.D. = 1.5 on 6 of 7 obs.

LOR 3.88 254 Pg 50 48.50 12.5X
 LBF 3.91 249 Pg 51 37.00
 SMF 4.15 246 Pg 50 49.20 12.7X
 SSF 4.18 252 Pn 51 39.00
 AVF 4.38 249 Pg 50 53.40 13.6X
 BGF 4.80 249 Pg 51 46.80
 MAF 5.13 246 Pg 50 38.50 -1.7
 TCF 5.31 248 Pg 50 54.10
 LSF 5.75 250 Pg 51 05.40 16.3X
 S.D. = 1.3 on 28 of 44 obs.

? DEC 22, 1992 21h 02m 36.63 ± 1.78s
 44.743 N ± 8.2km 6.821 E ± 13.9km
 DEPTH = 5.0km (geophysicist)

FRANCE (538)

ML 1.5 (GEN).

RRL 0.18 352 P 02 40.42 0.0
 PZZ 0.31 140 P 02 43.44
 BHB 0.33 73 P 02 42.93 0.0
 RSP 0.51 37 P 02 47.80
 S.D. = 0.1 on 4 of 4 obs.

? DEC 22, 1992 21h 38m 00.03 ± 0.93s
 40.192 N ± 11.3km 27.372 E ± 7.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.9 (ISK).

EDC 0.41 67 iPg 38 07.00 -1.4
 BNT 0.45 68 iPg 38 13.00
 KCT 0.76 85 iPg 38 09.50 0.3
 EZN 0.88 246 iPd 38 14.50
 DST 1.13 121 iPd 38 14.90 0.1
 CTT 1.25 40 iPd 38 24.90
 YLV 1.57 76 iPd 38 16.80 -0.2
 S.D. = 0.9 on 7 of 7 obs.

DEC 22, 1992 21h 54m 05.25 ± 0.43s
 39.241 N ± 3.7km 28.717 E ± 4.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.4 (ISK).

DST 0.37 349 iPg 54 13.00 0.1
 KCT 1.04 345 iPg 54 25.90 0.9
 ALT 1.10 99 ePg 54 26.60 0.6
 KHL 1.11 145 iPg 54 26.60 0.4
 BNT 1.27 331 iPd 54 29.90 1.0
 EDC 1.29 330 iPd 54 29.50 0.4
 IZM 1.41 234 ePn 54 30.90 -0.1
 YLV 1.42 21 iPd 54 30.40 -0.7
 GPA 1.61 49 iPd 54 33.70 -0.2
 GBZT 1.64 20 ePn 54 40.00 5.7X
 EYL 1.73 39 ePn 54 35.40 -0.2
 ISK 1.84 8 ePn 54 36.80 -0.3
 CTT 1.92 354 ePn 54 38.00 -0.2
 EZN 1.94 288 ePn 54 38.40 -0.1
 YER 2.13 189 ePn 54 41.00 -0.4
 DMK 2.68 344 ePn 54 48.00 -1.2
 S.D. = 0.7 on 15 of 16 obs.

? DEC 22, 1992 22h 02m 19.14 ± 0.83s
 31.457 S ± 26.4km 67.715 W ± 11.1km
 DEPTH = 29.2 ± 19.0 km

SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.47 251 ePd 02 29.00 -0.1
 RTCV 0.81 240 iPd 02 37.70
 S.D. = 0.7 on 15 of 16 obs.

RTPR 1.55 42 e(P)c 02 45.10 0.1
(S) 03 10.80
MRA 1.95 120 ePc 02 51.00 0.1
S 03 13.00
TCA 2.67 88 ePd 03 01.00 -0.2
S 03 35.00
S.D. = 0.3 on 5 of 5 obs.

DEC 22, 1992 22h 15m 48.35±0.31s
39.273 N ± 2.9km 28.772 E ± 3.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 4.0 (ATH), 3.7 (ISK). Felt at
Kutahya.

DST 0.35 341 iPg 15 55.30 -0.3
KCT 1.03 342 iPg 16 08.40 0.7
ALT 1.06 101 ePg 16 08.20 -0.2
eSg 16 22.70
KHL 1.12 148 iPg 16 09.70 0.4
BNT 1.27 329 iPn 16 13.40 1.6
EDC 1.28 327 iPg 16 12.00 -0.1
YLV 1.37 19 iPn 16 13.60 0.0
IZM 1.47 234 iPn 16 13.90 -1.0
GPA 1.56 49 iPn 16 15.40 -0.8
GBZT 1.60 19 ePn 16 16.50 -0.2
iPg 16 19.00
iSg 16 42.00
EYL 1.67 39 ePn 16 15.90 -2.0
CIN 1.76 198 ePn 16 19.00 0.0
ISK 1.80 7 ePn 16 18.80 -0.9
ITU 1.84 6 ePn 16 23.00 2.8
CTT 1.89 352 iPn 16 20.80 -0.1
PRK 1.94 270 iPnd 16 22.30 0.6
eSn 16 52.00
EZN 1.97 287 iPn 16 21.90 -0.2
YER 2.17 190 ePn 16 25.00 -0.1
BCK 2.31 141 ePn 16 26.20 -0.8
ALN 2.65 309 ePn 16 32.00 0.2
eSn 17 03.00
DMK 2.66 343 ePn 16 31.40 -0.6
ELL 2.68 160 iPn 16 33.60 1.2
KSL 3.21 168 ePn 16 41.00 1.2
DIM 3.71 319 eP 16 17.00 -29.9X
OUR 3.84 288 ePn 16 48.36 -0.4
eSn 17 31.80
RZN 3.92 309 P 16 50.00 -0.1
PAIG 3.99 281 ePn 16 50.48 -0.3
PLD 4.19 314 iPd 16 54.00 0.3
KAS 4.35 60 ePn 17 10.00 13.9X
iSg 18 11.00
SRS 4.37 297 ePn 16 55.76 -0.6
SOH 4.44 292 ePn 16 58.00 0.8
MMB 4.49 303 eP 16 56.00 -2.0
PVL 4.72 328 P 17 02.00 0.8
KNT 4.88 295 ePn 17 03.24 -0.3
eSn 17 57.16
LIT 4.92 282 ePn 17 03.64 -0.4
AGG 5.01 269 ePn 17 05.44 0.0
VTS 5.36 310 eP 17 10.00 -0.5
MLR 6.56 342 ePc 17 27.00 -0.3
VRI 6.76 348 eP 17 31.00 1.0
CVO 6.82 345 ePc 17 31.50 0.6
S.D. = 0.9 on 38 of 40 obs.

DEC 22, 1992 22h 30m 33.74±0.64s
43.764 N ± 6.9km 12.238 E ± 4.8km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
MD 3.0 (FIR).

RSM 0.23 43 P 30 39.10 0.5
eSg 30 45.80
CRE 0.25 237 P 30 39.20 0.1
SFI 0.32 299 P 30 40.20 -0.2
eSg 30 46.00
PGD 0.39 287 P 30 41.40 -0.4
eSg 30 48.50
ARV 0.58 117 P 30 44.50 -0.9
eSg 30 56.00
FIR 0.71 271 eP 30 48.00 0.3
ePg 31 36.00
iSg 31 46.00
ASS 0.76 156 P 30 49.20 0.6
S.D. = 0.7 on 7 of 7 obs.

% DEC 22, 1992 22h 30m 56.32±0.82s

43.738 N ± 9.0km 12.254 E ± 5.6km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

RSM 0.24 37 P 31 01.70 0.3
eSg 31 07.80
CRE 0.25 243 P 31 02.00 0.4
eSg 31 06.80
SFI 0.34 302 P 31 03.20 -0.2
eSg 31 09.10
PGD 0.41 290 P 31 04.50 -0.2
eSg 31 11.80
ARV 0.55 115 P 31 07.30 -0.3
S.D. = 0.5 on 5 of 5 obs.

DEC 22, 1992 22h 31m 20.70±0.50s
43.882 N ± 5.3km 12.223 E ± 4.2km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 3.1 (LDG).

RSM 0.17 74 P 31 27.00 2.4
eSg 31 31.70
SFI 0.27 278 P 31 27.80 1.4
eSg 31 33.90
CRE 0.32 218 P 31 28.10 0.7
eSg 31 33.00
PGD 0.36 269 P 31 29.40 1.2
eSg 31 36.70
ARV 0.65 126 P 31 32.50 -1.2
eSg 31 42.40
ASS 0.87 158 P 31 37.50 0.0
eSg 31 51.60
MME 1.14 286 P 31 41.90 -0.3
eSg 31 57.00
BDI 1.19 279 P 31 42.00 -0.9
eSg 32 00.10
PII 1.24 263 P 31 42.80 -0.9
eSg 31 59.00
RIY 2.13 46 e(Pn) 31 57.00 0.3
iSn 32 20.40
TRI 2.13 30 eP 31 47.90 -8.9X
e 32 16.20
e 32 32.30
BOB 2.18 295 P 31 58.10 0.5
SDI 2.47 151 P 32 01.00 -0.7
PGF 2.71 242 Pn 32 02.10 -3.0X
Sn 32 32.80
FVI 2.74 8 P 32 03.70 -1.8X
CKI 2.89 282 P 32 05.10 -2.5X
VAI 3.16 310 P 32 09.70 -1.6X
eSn 32 44.50

KBA 3.29 13 iPnc 32 12.10 -1.4
i 32 26.70
i 33 11.40
i 33 15.10
PTJ 3.33 51 e(Pn) 32 22.60 8.6X
eSn 33 04.70
WTTA 3.41 353 iPnc 32 14.50 -0.6
iSn 32 54.60
SOTA 3.41 348 iPnc 32 15.20 0.0
i 32 16.00
iSn 32 54.80

S8F 3.46 271 Pn 32 13.10 -2.7X
Sn 32 51.00
DOI 3.63 282 P 32 17.70 -0.6
FRF 4.05 267 Pn 32 20.90 -3.2X
Sn 33 06.40
LMR 4.19 264 Pn 32 22.50 -3.5X
Sn 33 09.70
LPG 4.22 294 Pn 32 23.50 -3.3X
Sn 33 08.90
LPL 4.24 295 Pn 32 23.90 -3.1X
Sn 33 09.30
LRG 4.27 266 Pn 32 24.50 -2.8X
Sn 33 11.90
KHC 5.33 10 ePn 32 38.50 -3.8X
e 32 53.00
eSg 33 38.00
BSF 5.48 318 Pn 32 41.50 -2.9X
Sn 33 40.30
CDF 5.69 325 Pn 32 44.10 -3.2X
Sn 33 45.50
HAU 5.81 317 Pn 32 45.90 -3.1X
Sn 33 47.90
SMF 6.53 298 Pn 32 55.70 -3.5X
LBF 6.58 301 Pn 32 55.80 -4.1X

Sn 34 06.10
LOR 6.78 303 Pn 32 59.10 -3.5X
AVF 6.89 298 Pn 33 00.70 -3.5X
SSF 6.90 300 Pn 33 00.90 -3.5X
BGF 7.14 295 Pn 33 03.80 -3.9X
S.D. = 1.1 on 16 of 38 obs.

% DEC 22, 1992 22h 37m 48.70±0.73s
43.853 N ± 9.3km 12.230 E ± 6.2km
DEPTH = 25.6 ± 8.2 km
CENTRAL ITALY (381)

RSM 0.18 65 P 37 54.50 0.4
eSg 37 57.40
SFI 0.28 284 P 37 55.60 0.1
eSg 38 01.60
CRE 0.30 222 P 37 55.90 0.0
eSg 38 02.40
PGD 0.37 274 P 37 56.80 -0.2
eSg 38 04.10
ARV 0.63 124 P 38 00.20 -0.8
eSg 38 10.50
ASS 0.84 158 P 38 05.30 0.6
eSg 38 17.90
MME 1.16 288 P 38 09.90 0.4
BDI 1.20 281 P 38 09.40 -0.5
PII 1.24 265 P 38 09.40 -1.1X
S.D. = 0.6 on 8 of 9 obs.

% DEC 22, 1992 22h 38m 26.35±0.86s
43.794 N ± 9.8km 12.231 E ± 5.9km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

RSM 0.21 50 P 38 31.60 0.7
eSg 38 35.50
CRE 0.26 231 P 38 32.80 0.9
eSg 38 39.10
SFI 0.30 295 P 38 32.40 -0.2
eSg 38 38.70
PGD 0.38 283 P 38 33.60 -0.6
eSg 38 40.80
ARV 0.60 120 P 38 37.60 -0.8
eSg 38 47.30
S.D. = 1.1 on 5 of 5 obs.

% DEC 22, 1992 22h 38m 59.60s
60.380 N 152.337 W
DEPTH = 88.5km
SOUTHERN ALASKA (2)
<AEIC>.

RDT 0.20 350 eP 39 11.86 0.8
REF 0.21 301 iP 39 12.26 1.0
eS 39 22.30
eS 39 22.41
RED 0.22 280 iP 39 12.16 1.0
eS 39 22.10
RSO 0.22 292 eP 39 12.33 1.0
RS1 0.22 291 iP 39 12.33 1.0
RS2 0.22 292 iP 39 12.37 1.0
eS 39 22.76
RDN 0.25 303 eP 39 12.01 -1.0
S 39 22.31
RDW 0.26 294 eP 39 12.30 -0.8
DFR 0.27 321 iP 39 12.20 -0.8
eS 39 22.46
NCT 0.35 302 eP 39 12.59 -0.9
S 39 23.01
ILIM 0.43 226 eP 39 13.19 -0.8
eS 39 24.19
INE 0.48 229 eP 39 13.67 -0.8
INW 0.51 232 eP 39 13.89 -0.7
eS 39 25.57
NKA 0.65 56 eP 39 16.75 1.0
SPU 0.82 10 iP 39 16.59 -0.9
eS 39 30.17
CKL 0.82 360 iP 39 16.68 -0.9
CKT 0.83 4 iP 39 16.63 -1.0
S 39 30.26
CKN 0.85 5 eP 39 17.11 -0.7
S 39 30.87
OPT 0.86 212 eP 39 17.32 -0.6
eS 39 31.04
BGL 0.89 358 iP 39 17.52 -0.8
CP2 0.89 3 iP 39 17.69 -0.8
CRP 0.89 6 P 39 17.70 -0.8

22d 22h

	S	39	31.70	
CGLM	0.94 10 iP	39	18.10	-0.9
BRK	0.95 130 eP	39	18.31	-0.7
	S	39	32.94	
CNPM	1.02 147 eP	39	19.21	-0.5
SLKM	1.06 82 eP	39	19.18	-1.0
AUL	1.14 209 eP	39	20.19	-1.0
AUH	1.16 209 eP	39	20.83	-0.7
AUW	1.16 210 eP	39	20.77	-0.7
AUI	1.18 208 eP	39	21.10	-0.6
SUA	1.34 35 eP	39	23.06	-0.7
	eS	39	41.80	
MPA	1.48 84 eP	39	24.24	-1.2
MCNL	1.57 221 eP	39	25.39	-1.2
	eS	39	45.05	
PMS	1.61 56 P	39	26.60	-0.6
SKT	1.65 13 eP	39	26.39	-1.3
PTE	1.70 72 eP	39	26.85	-1.5
PWA	1.75 42 P	39	28.20	-0.7
SYI	1.78 181 eP	39	28.48	-0.8
PLRM	1.98 51 eP	39	30.23	-1.8
KNK	2.16 60 eP	39	32.59	-1.9
GHO	2.17 48 P	39	33.00	-1.6
LTJ	2.26 97 eP	39	33.55	-2.3
KNIM	2.29 89 eP	39	33.05	-3.1
MTU	2.37 98 P	39	35.20	-2.2
SML	2.42 52 eP	39	36.08	-1.9
SCM	2.84 57 eP	39	41.69	-2.1
HIN	2.90 87 eP	39	41.87	-2.7
VLZ	3.04 73 eP	39	43.59	-2.9
KLU	3.32 68 eP	39	47.69	-2.8

49 obs. associated

DEC 22, 1992 23h 23m 58.14 ± 0.39s
 18.455 N ± 4.7km 105.370 W ± 3.9km
 DEPTH = 33.0km (normal)
 4.6mb (22 obs.)

OFF COAST OF JALISCO, MEXICO (54)

CGX	2.19 55 iP	24	33.50	0.4
	iS	24	52.50	
GUM2	2.94 41 iP	24	44.00	0.2
	(S)	25	21.00	
MRX	4.14 72 iP	25	01.00	0.3
	iS	25	45.00	
AGX	4.46 40 eP	25	06.50	1.3
MZX	4.82 348 (P)	25	07.00	-3.3X
	iS	26	01.00	
ACX	5.49 106 eP	25	20.50	0.8
	iS	26	21.50	
UNM	5.92 81 eP	25	27.00	0.8
	(S)	26	40.00	
PPM	6.42 83 iP	25	34.00	0.6
	(S)	26	35.00	
TUC	14.63 342 eP	27	25.35	0.6
	0.9s 14.00nm			4.4mb
ALQ	16.45 357 eP	27	48.36	0.1
	1.1s 28.07nm			4.3mb
GLA	16.83 332 eP	27	52.78	-0.2
MEO	17.35 19 iPd	27	58.40	-1.0
FNO	18.17 21 iPd	28	10.90	1.3
OCO	18.39 21 iPd	28	11.60	-0.6
UYO	18.43 30 iPd	28	11.20	-1.6
VVO	18.86 25 eP	28	17.80	-0.3
SIO	19.00 23 eP	28	18.60	-1.1
MIAR	19.16 31 eP	28	19.37	-2.2
	0.7s 13.70nm			4.3mb
TUL	19.34 24 eP	28	22.50	-1.2
	0.6s 101.50nm			5.3mb
	2 16s 2.34um			4.6mszX
	i	28	23.20	
	S	32	10.00	
	LR	33	50.00	
LNO	19.34 24 eP	28	22.30	-1.4
LNO2	19.34 24 eP	28	22.40	-1.3
LNO3	19.34 24 eP	28	22.40	-1.4
RLO	19.87 25 eP	28	28.00	-1.5
PV10	20.11 352 eP	28	30.94	-1.3
PV09	20.24 351 eP	28	32.91	-0.8
PV08	20.25 353 eP	28	33.45	-0.4
ARUT	20.52 341 eP	28	36.83	0.4
ISA	20.70 329 eP	28	37.19	-1.0
	1.2s 33.17nm			4.6mb
TPNV	20.76 335 (P)	28	39.25	0.3
	1.1s 64.51nm			4.9mb
MSU	20.85 345 eP	28	39.65	-0.2
OLY	20.98 33 eP	28	39.94	-1.0

SRU	21.06 349 eP	28	41.64	-0.4
GOL	21.17 360 eP	28	43.98	0.8
	0.9s 4.64nm			3.9mb
GLD	21.22 0 eP	28	44.64	1.0
	1.3s 63.03nm			4.9mb
PKEM	21.84 326 (P)	28	51.06	1.4
MTUM	22.10 331 eP	28	52.91	0.5
TNP	22.13 335 eP	28	53.77	1.1
	1.1s 27.04nm			4.6mb
MRCM	22.33 332 (P)	28	54.08	-0.7
BONR	22.48 332 eP	28	56.71	0.4
MMPM	22.52 331 eP	28	57.33	0.5
MEMM	22.53 331 eP	28	57.67	1.3
DUG	22.60 345 eP	28	57.52	0.2
	1.0s 10.59nm			4.3mb
KVN	23.31 334 (P)	29	05.30	1.0
FVM	23.43 31 eP	29	06.36	1.1
	0.7s 41.37nm			5.1mb
ELC	23.51 34 eP	29	06.60	0.6
CMB	23.51 329 eP	29	06.01	-0.1
	1.5s 27.90nm			4.6mb
ARN	23.56 326 eP	29	06.74	0.1
HVU	24.09 346 eP	29	12.32	0.5
BW06	24.50 353 eP	29	15.63	-0.3
	1.1s 12.81nm			4.4mb
ORV	25.24 330 eP	29	22.91	0.2
RSSD	25.61 2 eP	29	26.09	-0.3
	0.7s 7.96nm			4.4mb
TKL	25.66 44 eP	29	26.35	-0.4
PRM	25.75 48 eP	29	28.09	0.5
JSC	26.64 49 eP	29	36.32	0.6
HBF	26.65 52 (P)	29	36.77	1.0
SGS	26.67 52 eP	29	36.90	0.9
LHS	27.06 49 eP	29	39.65	0.1
LCCM	27.83 350 eP	29	46.80	0.1
NAV	28.58 44 eP	29	53.37	0.0
BLA	28.77 44 ePd	29	55.59	0.5
	1.2s 38.43nm			5.0mb
CEH	28.98 48 eP	29	57.11	0.2
	0.9s 30.04nm			5.0mb
CVL	30.49 45 eP	30	10.35	0.0
CBN	31.34 45 eP	30	19.00	1.2
DLA	31.58 35 P	30	19.80	-0.1
LDN	31.92 35 P	30	21.90	-0.9
ELF	31.95 34 P	30	22.50	-0.6
ULM	32.62 11 eP	30	30.00	1.2
LVNJ	34.41 43 eP	30	44.51	0.0
GMTN	34.83 43 iP	30	48.80	0.7
PNJ	34.86 43 iP	30	49.01	0.7
TBR	34.94 43 eP	30	48.97	-0.1
EEO	35.47 32 eP	30	56.50	3.0X
TOV	35.50 99 eP	30	54.50	0.3
RSNY	36.61 38 (P)	31	02.74	-0.4
	1.0s 16.94nm			4.9mb
FCC	41.09 9 ePd	31	42.50	2.3
CBM	41.67 39 eP	31	45.34	0.2
	1.0s 21.63nm			4.8mb
LMN	43.20 42 eP	32	01.00	3.4X
YKA	44.46 354 eP	32	04.30	-3.4X
	0.9s 3.10nm			4.2mb
ZOBO	50.35 131 P	32	53.80	-1.3
	1.1s 13.05nm			4.9mb
	S	40	14.00	
	LR	49	24.00	
LPB	50.54 131 P	32	57.00	0.8
CNCB	50.81 131 P	32	57.30	-1.1
CCH	52.50 130 P	33	09.00	-1.9
YJA	56.13 134 ePd	33	37.20	-0.4
TTA	56.28 335 eP	33	35.74	-2.0
	1.1s 7.15nm			4.6mb
RES	56.54 3 eP	33	38.50	-0.8
	0.8s 2.00nm			4.2mb
VAO	70.37 124 eP	35	11.60	0.4
DCN	80.11 37 eP	36	06.50	0.3
DMU	80.15 36 eP	36	06.90	0.5
DLF	80.56 37 eP	36	09.00	0.5
HYB	144.15 354 ePKP	43	32.50	-0.6
GBA	148.02 355 PKP	43	42.00	2.6X

S.D. = 0.9 on 86 of 91 obs.

DEC 23, 1992 00h 07m 54.17 ± 0.74s
 39.313 N ± 6.8km 21.789 E ± 5.0km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

MD 3.0 (ATH).

AGG 0.51 124 ePg 08 05.40 0.9

LIT	0.95 34 eSg	08	12.04	
	ePg	08	12.48	0.1
	eSg	08	24.92	
KZN	0.99 359 ePb	08	12.90	-0.1
IGT	1.15 281 ePb	08	15.80	0.1
VLS	1.47 220 ePb	08	26.80	6.1X
FNA	1.50 348 ePb	08	21.89	0.7
	eSb	08	41.20	
PAIG	1.58 67 ePb	08	21.28	-1.0
KEK	1.59 285 ePb	08	21.00	-1.4
GRG	1.71 16 ePb	08	24.00	-0.2
SOH	1.93 38 ePb	08	26.96	-0.4
OHR	1.95 337 ePn	08	29.50	1.8
OUR	1.97 58 ePb	08	28.08	0.1
KNT	2.03 24 ePn	08	28.60	-0.2
	eSn	08	53.92	
VAY	2.09 16 ePn	08	33.40	3.7X
SRS	2.27 37 ePn	08	31.96	-0.3
SKO	2.67 354 ePn	08	38.00	0.0
	i	09	20.50	

S.D. = 0.9 on 14 of 16 obs.

% DEC 23, 1992 00h 12m 37.54 ± 0.56s
 39.242 N ± 5.0km 28.739 E ± 5.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.0 (ISK).

DST	0.37 347 iPg	12	44.70	-0.5
	eSg	12	49.20	
KCT	1.05 344 iPg	12	58.30	1.0
ALT	1.08 99 ePg	12	57.30	-0.7
KHL	1.10 146 iPg	12	58.70	0.4
	eSg	13	13.70	
BNT	1.28 331 ePn	13	02.00	0.7
EDC	1.29 329 ePn	13	01.00	-0.5
YLV	1.41 20 iPn	13	03.20	-0.1
IZM	1.43 234 ePn	13	04.00	0.5
GPA	1.60 49 ePn	13	06.00	0.0
EYL	1.71 39 ePn	13	08.00	0.3
EZN	1.96 288 ePn	13	10.00	-1.1

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

DEC 23, 1992 00h 32m 27.56 ± 0.26s
 37.571 N ± 4.4km 142.808 E ± 3.6km
 DEPTH = 31.0km (18 depth phases)
 5.1mb (62 obs.) 4.7msz (8 obs.)

OFF EAST COAST OF HONSHU, JAPAN (229)

OFUJ	1.75 330 iP+	32	55.40	-0.8
YAMJ	2.27 286 iP+	33	04.30	0.6
KAKJ	2.51 238 iP+	33	07.20	0.1
	eS	33	49.30	
NIIJ	3.05 265 iP+	33	15.50	0.8
CHJJ	3.42 245 P	33	20.20	0.2
	eS	34	11.00	
MAT	3.82 256 iPc	33	27.10	1.4
	eS	34	19.00	
MTMJ	4.12 258 P	33	32.00	2.0
IIDJ	4.46 244 eP	33	37.60	2.7X
HOOJ	4.82 4 eP	33	36.80	-3.0X
	eS	34	27.80	
MRRJ	5.03 345 eP	33	41.90	-0.9
	eS	34	36.00	
KUSJ	5.71 14 eP	33	47.10	-5.3X
	eS	34	48.20	
TSRJ	5.86 252 eP	33	55.50	1.0
ASAJ	6.54 359 eP	34	02.60	-1.5
WKYJ	6.74 242 P	34	06.30	-0.7
YONJ	7.90 255 P	34	23.00	-0.2
TKSJ	7.97 246 P	34	24.30	0.2
KUR	8.54 25 (P)	34	38.00	6.0X
	eS	35	57.00	
YSS	9.44 360 eP	34	40.50	-3.9X
	1.0s 50.00nm			5.7mb
	Z 15s 4.30um			4.0mszX
	N 15s 3.10um			
	E 15s 4.30um			
SHNJ	10.10 254 P	34	57.00	3.5X
KUMJ	11.03 246 P	35	02.80	-3.4X
KAGJ	11.72 241 P	35	15.90	0.2
MDJ	12.19 309 eP	35	21.60	-0.4
CNJ	14.56 301 eP	35	54.60	1.5
	1.2s 13.00nm			4.3mb
	Z 15s 1.94um			6.4mszX
	N 12s 0.99um			
	E 12s 1.05um			

SNY	15.40	292	Pc	36	01.00	0.9	E	12s	0.50um	MSU	77.58	51	eP	44	22.81	0.3					
	Z	18s	5.82um	36	05.00				pP	39	37.00	29km	SRU	78.22	50	eP	44	26.25	0.3		
	E	14s	2.67um				ELT	41.53	311	iPc	40	13.00	-0.4	RSSD	78.69	42	eP	44	27.73	-0.7	
DL2	16.69	281	eP	36	21.20	0.5		1.4s	76.00nm		5.2mb		VR1	79.03	320	ePc	44	31.00	1.0		
	1.2s	86.00nm					WMO	41.59	297	P	40	14.50	0.3	OJC	79.21	327	eP	44	31.60	0.7	
	Z	15s	0.89um		4.5MsZ			0.7s	15.00nm		4.8mb				e		44	40.70	29km		
	E	10s	1.13um				Z	13s	1.00um		4.9MsZ		CVO	79.34	321	eP	44	33.00	1.2		
SSE	18.97	257	Pc	36	48.00	-0.9			sP	40	23.50		PV09	79.45	49	eP	44	33.54	0.7		
	1.0s	10.00nm			4.0mb	X			PP	41	57.00		PV10	79.58	49	eP	44	33.71	0.2		
	Z	20s	2.30um		4.2MsZ				eScS	50	12.00		MLR	79.69	320	ePc	44	34.50	0.8		
NJ2	20.40	261	eP	36	56.70		NRI	43.09	335	iPc	40	24.00	-1.9	PV08	79.69	49	eP	44	34.66	0.5	
TIA	20.57	274	eP	37	01.60	-3.0X			i	42	04.00	554kmX	SPC	79.77	326	eP	44	34.50	0.3		
	Z	15s	1.81um		4.6MsZ		LSA	43.27	275	Pd	40	29.80	1.3	KSP	80.22	329	iPc	44	36.60	0.3	
	N	12s	1.05um					0.8s	8.00nm		4.5mb				i		44	45.50	28km		
	E	12s	1.01um				SVW	44.40	38	eP	40	37.50	0.7	PSZ	80.86	325	ePc	44	40.50	0.7	
BJ1	20.88	285	eP	37	06.50	-2.9X	SHL	44.52	270	iPc	40	37.00	-1.4	BRG	81.15	330	iPc	44	41.60	0.4	
	1.5s	86.00nm			4.9mb			eS	47	14.00				1.0s	12.00nm			4.9mb			
	Z	12s	0.91um		4.4MsZ		SEM	45.50	307	iP	40	46.00	0.4		i		44	51.20	30km		
	E	11s	0.38um					1.2s	49.00nm		5.3mb		CLL	81.18	331	iPc	44	41.10	-0.2		
MGD	23.12	10	ePc	37	30.00	-1.6	Z	15s	2.00um		5.2MsZ			1.1s	23.00nm			5.1mb			
	1.0s	40.00nm			4.9mb		IMA	45.66	31	eP	40	46.63	-0.2		i		44	50.90	31km		
	Z	14s	0.70um		4.3MsZ			1.2s	4.35nm		4.3mb		PRU	81.60	329	P	44	43.90	0.3		
	N	15s	0.70um				FBA	48.06	32	eP	41	05.57	0.0		e		44	53.20	29km		
	E	15s	0.60um				GUN	48.21	276	P	41	07.46	-0.2	SRO	81.65	326	eP	44	45.00	1.2	
				37	38.00	29km	PKI	48.73	276	P	41	10.84	-0.9	ZST	81.90	327	eP	44	45.80	0.7	
				38	07.00		KKN	48.74	276	P	41	11.10	-0.5	MOX	82.24	331	eP	44	47.20	0.3	
				41	30.00			0.9s	97.00nm		5.8mb				1.4s	21.00nm		5.0mb			
				eS	41	40.00		DMN	48.95	276	P	41	12.74	-0.6	WIT	82.26	335	eP	44	49.00	2.1
				eSS	42	26.00		GKN	49.15	277	P	41	14.12	-0.5	HOF	82.40	331	eP	44	48.50	0.7
TIY	24.01	280	eP	37	38.00	-2.5		1.0s	173.00nm		6.0mb		KHC	82.66	329	Pc	44	48.80	-0.4		
	Z	19s	2.21um		4.7MsZ		FRU	51.06	299	eP	41	28.00	-1.0		e		45	16.50	106kmX		
	E	11s	0.90um					1.6s	80.00nm		5.4mb			e		45	45.50				
HHC	24.36	287	eP	37	42.00	-2.0	BRVK	51.09	312	iPc	41	28.00	-1.0	GEC2	82.84	329	P	44	48.80	-1.4	
	0.8s	9.20nm			4.4mb		Z	16s	0.77um		4.8MsZ			0.9s	3.46nm			4.4mb			
WHN	24.54	262	iPd	37	46.50	0.9	N	14s	0.24um				WTS	82.89	334	eP	44	50.50	0.3		
	1.0s	80.00nm			5.2mb		E	16s	0.59um					1.0s	13.00nm			5.0mb			
	Z	20s	2.00um		4.6MsZ				eS	48	57.00		EKA	82.99	341	Pd	44	51.40	0.7		
				37	55.00	30km	KSH	51.22	294	P	41	31.50	1.2		1.8s	52.00nm		5.3mb			
CIT	25.04	315	eP	37	51.50	1.2		1.0s	50.00nm		5.4mb		GRF	83.15	331	iPc	44	52.70	1.0		
BTO	25.55	287	eP	37	53.20	-2.1	E	10s	1.10um					1.5s	51.00nm			5.4mb			
YAK	25.79	346	iPc	37	55.40	-1.7			pP	41	43.00	40km	Z	18s	0.40um			4.8MsZ			
	0.9s	130.00nm			5.5mb		NDI	54.66	281	iPc	41	56.70	0.8		ePpd	45	02.30	30km			
	Z	16s	1.60um		4.6MsZ			1.0s	30.00nm		5.3mb		BHG	84.06	329	eP	44	57.20	0.9		
	N	16s	1.40um				SVE	55.49	319	eP	42	00.00	-1.5	KBA	84.37	328	iPc	44	59.30	1.2	
				38	50.00		Z	15s	1.80um		5.3MsZ			0.9s	9.20nm			5.0mb			
SEY	26.03	10	eP	38	00.00	0.6	N	16s	0.50um				VAY	84.38	319	iP	44	58.80	0.8		
	1.0s	40.00nm			5.0mb		E	16s	1.50um				SKO	84.48	320	iP	44	52.92	-5.6X		
				38	06.00	21km	ARU	56.68	319	iPc	42	09.80	-0.3	WTTA	84.93	329	iPc	45	00.60	-0.3	
XAN	27.62	273	Pc	38	13.30	-1.0		1.1s	80.00nm		5.7mb		SNF	85.00	335	P	45	01.70	0.8		
	0.8s	19.00nm			4.8mb		Z	15s	1.50um		5.2MsZ		DMU	85.22	343	eP	45	03.00	1.0		
				38	24.80	44kmX	E	15s	1.50um				OHR	85.44	320	eP	45	03.00	-0.4		
BOD	27.62	326	iPc	38	14.00	0.0			e	42	21.00	38km	DLF	85.68	342	eP	45	04.00	-0.3		
	1.0s	100.00nm			5.4mb		WB2	57.76	189	iPd	42	15.80	-2.2	CDF	85.70	332	eP	45	04.90	0.3	
GZH	29.10	249	iP	38	28.00	0.4		0.8s	10.70nm		4.9mb			1.1s	20.25nm			5.3mb			
IRK	30.56	311	eP	38	41.00	0.7	WRA	57.76	189	P	42	16.60	-1.4	DCN	85.82	343	eP	45	05.00	0.0	
	Z	14s	1.33um		4.7MsZ			0.7s	3.10nm		4.5mb		BSF	86.36	332	eP	45	07.80	-0.1		
	N	15s	0.62um				HY8	59.33	269	ePc	42	28.20	-1.0	HAU	86.38	332	eP	45	07.90	0.0	
	E	16s	1.60um				ASPA	61.48	189	eP	42	42.20	-1.4		0.7s	5.75nm		4.9mb			
				38	49.00	28km		1.0s	7.60nm		4.8mb		Z	22s	0.15um			4.3MsZ			
ZAK	30.82	307	iPc	38	42.30	-0.3	QUE	61.84	288	eP	42	46.60	0.2	LOR	87.91	333	eP	45	15.60	0.3	
	1.6s	60.00nm			5.2mb		GBA	62.36	266	P	42	50.00	0.3		1.0s	17.80nm		5.3mb			
	Z	15s	2.45um		5.0MsZ		POO	62.45	273	iP	42	50.90	0.5	Z	23s	0.22um		4.5MsZ			
	N	14s	1.33um				YKA	62.78	31	eP	42	50.00	-1.9	FLN	88.07	337	eP	45	16.30	0.3	
	E	14s	1.63um					0.8s	1.30nm		4.1mb	X		0.9s	16.85nm			5.3mb			
LZH	31.08	279	eP	38	44.00	-1.2	MAIO	64.37	297	eP	43	03.00	0.2		21s	0.32um		4.7MsZ			
	1.2s	25.00nm			4.9mb		DAG	65.34	355	eP	43	06.70	-1.7	LDF	88.10	336	eP	45	16.40	0.2	
	Z	15s	1.31um		4.7MsZ			0.8s	9.70nm		5.0mb			0.7s	5.75nm			5.0mb			
	E	13s	0.74um				MOS	67.48	324	eP	43	22.00	-0.3	LBF	88.11	333	eP	45	16.30	0.0	
				38	52.50	30km			e	43	33.00	36km		1.1s	13.65nm			5.2mb			
GYA	32.41	261	P	38	54.50		KAF	68.34	333	iP	43	26.50	-1.0	SSF	88.21	334	eP	45	17.10	0.4	
	1.2s	54.00nm			5.3mb			0.6s	11.80nm		5.2mb			1.1s	16.85nm			5.3mb			
	Z	20s	1.88um		4.8MsZ		NUR	69.99	332	iP	43	37.00	-0.7	LPL	88.32	331	eP	45	18.20	0.6	
MOY	32.46	309	eP	38	56.20	-0.7		0.6s	15.20nm		5.3mb			0.9s	5.90nm			4.9mb			
CD2	32.78	270	eP	38	59.20	-0.9	PYA	71.13	311	eP	43	44.00	-0.9	LPG	88.33	331	eP	45	18.40	0.7	
	Z	14s	0.72um		4.5MsZ		Z	18s	1.00um		5.1MsZ			0.9s	6.40nm			4.9mb			
GTA	33.47	287	P	39	05.50	-0.6	MNK	73.21	326	eP	43	53.00	-4.0X	SMF	88.45	333	eP	45	18.30	0.4	
	1.5s	35.00nm			5.1mb		SLL	73.91	337	eP	44	00.20	-0.8		1.3s	20.95nm		5.3mb			
	Z	16s	2.29um		5.0MsZ			0.8s	24.60nm		5.2mb		AVF	88.50	333	eP	45	18.50	0.4		
	E	15s	0.90um				BONR	74.05	54	eP	44	02.53	-0.1		1.0s	19.40nm		5.4mb			
				39	15.50	35km	NAO	74.40	338	P	44	03.30	-0.6	GRR	88.51	337	eP	45	18.60	0.4	
KMI	36.14	262	Pd	39	28.50	-0.7		0.9s	20.80nm		5.1mb			0.8s	20.40nm			5.5mb			
	1.5s	110.00nm			5.6mb		BW06	76.49	46	eP	44	15.19	-1.2	BGF	88.87	334	eP	45	20.40	0.5	
	Z	20s	1.90um		4.9MsZ			0.6s	1.91nm		4.3mb		LPF	88.89	337	eP	45	20.50	0.6		
	N	13s	0.60um						e	44	24.73	31km		0.9s	21.80nm			5.5mb			

23d 00h

TCF	89.33	334	eP	45	22.90	0.8	FSA	6.79	158	iPd	21	40.80	-4.2X				epP	30	22.68	111km
LSF	89.60	334	eP	45	23.70	0.3	RTPR	10.69	169	ePc	22	28.90	-8.9X				esP	30	32.98	
	0.8s	9.40nm				5.1mb	RTLL	11.52	179	ePc	22	38.30	-10.5X	GRT	59.04	341	eP	29	55.93	-1.5
MFF	89.86	335	eP	45	25.30	0.7	RTCB	11.67	180	ePd	22	40.60	-10.2X	ELC	59.92	341	ePc	30	01.78	-1.6
	1.2s	37.20nm				5.5mb	CFA	11.80	178	ePc	22	42.10	-10.4X				epP	30	28.46	109km
RJF	90.43	334	eP	45	27.90	0.7	RTCV	12.05	179	iPc	22	45.50	-10.2X				esP	30	39.66	
	0.7s	6.05nm				5.0mb	TCA	12.13	163	ePd	22	47.70	-9.2X	MCWV	60.01	350	ePc	30	04.17	0.2
Z	23s	0.22um				4.5mszX				S	24	53.50			0.8s	181.03nm			6.2mb	
LFF	91.01	334	eP	45	30.90	1.0	MRA	12.90	168	e(P)	22	56.00	-10.7X				epP	30	31.18	110km
	1.0s	19.40nm				5.4mb	JACH	12.96	187	eP	22	56.25	-11.5X	LVNJ	60.52	355	ePc	30	06.43	-1.0
LPO	91.08	334	eP	45	31.10	0.9	MDZ	13.06	180	e(P)	22	58.90	-10.2X				epP	30	32.47	105km
ZOBO	145.46	61	PKP	52	05.50	0.2				i	23	04.50		GMTN	60.54	355	iP	30	07.80	0.3
LPB	145.65	61	ePKP	52	05.00	-0.4	ROCH	13.30	188	eP	23	04.35	-7.9X	PNJ	60.56	355	iP	30	07.86	0.2
CNCB	145.92	61	PKPc	52	07.80	1.8	PEL	13.43	187	iP	23	06.08	-7.7X				pP	30	31.99	96km
	S.D. = 0.9	on 137	of 149	obs.			FCH	13.57	185	iP	23	10.33	-5.6X				i	30	56.93	
% DEC 23, 1992 01h 03m 23.41 ± 1.31s							SAN	13.73	187	eP	23	11.21	-6.5X	TBR	60.80	355	eP	30	08.71	-0.6
39.267 N ± 12.2km							LCCH	13.87	190	iP	23	11.59	-7.9X				epP	30	35.55	109km
21.674 E ± 8.7km							PCH	13.88	186	eP	23	12.73	-7.0X	FVM	60.93	341	ePc	30	09.02	-1.3
DEPTH = 5.0km (geophysicist)							TACH	13.96	187	eP	23	14.13	-6.5X		0.8s	94.70nm			5.9mb	
GREECE							CHCH	14.21	186	iP	23	16.27	-7.6X				epP	30	35.79	109km
							LVN	14.32	189	eP	23	16.72	-8.5X				esP	30	47.08	
AGG	0.57	115	ePg	03	34.64	-0.1	CACH	14.38	186	eP	23	20.60	-5.6X	LNO	60.99	335	iPd	30	09.80	-0.8
			eSg	03	42.68		RFA	14.95	179	iP	23	23.10	-10.3X	TUL	60.99	335	iPd	30	10.00	-0.7
LIT	1.04	37	ePg	03	41.36	-2.2	LPA	17.89	150	ePc+	24	08.00	-1.8X		0.6s	21.10nm			5.3mb	
			eSg	03	54.20			0.9s	268.91nm				5.5mb	Z	22s	0.31um			4.4msz	
IGT	1.07	285	ePg	03	43.80	-0.3	BAO	20.25	82	Pd	24	35.90	0.3			e	30	36.20	106km	
FNA	1.53	352	ePb	03	51.40	-0.1			e	24	36.20	1kmX			LR		50	52.00		
			eSb	04	11.00		VAO	20.59	103	eP	24	36.00	-3.0X	FNO	61.08	333	iPc	30	11.40	0.0
PAIG	1.68	66	ePb	03	53.64	0.0	PSO	22.44	337	eP	25	01.00	3.2X	MEQ	61.19	332	iPc	30	10.50	-1.6
GRG	1.78	18	ePb	03	55.96	0.9	BOG	24.78	347	eP	25	22.00	1.7	MBO	61.27	60	iPc	30	13.30	0.3
SOH	2.02	39	ePb	04	00.24	1.7			iS	29	19.50		OCO	61.34	334	iPd	30	11.90	-1.2	
KNT	2.11	26	ePn	04	02.36	2.5X	BMG	27.00	351	iPc	25	34.00	-6.4X	HRV	62.01	358	iPc	30	17.31	-0.1
			eSn	04	28.96		SDV	28.53	356	iPc	25	53.90	-0.4		0.9s	87.65nm			5.8mb	
S.D. = 1.5	on 7	of 8	obs.				TOV	29.38	358	iPc	26	01.60	-0.2			epP	30	44.18	109km	
? DEC 23, 1992 01h 35m 27.85 ± 2.94s							TPP	30.76	14	eP	26	16.00	2.2	TYNO	63.37	351	P	30	26.00	-0.4
39.334 N ± 23.5km							TBH	31.01	15	eP	26	16.62	0.6	STCO	63.38	352	P	30	26.20	-0.3
28.782 E ± 21.9km							TCE	31.06	14	eP	26	17.72	1.2	LDN	63.52	350	P	30	25.40	-2.0
DEPTH = 10.0km (geophysicist)							TRN	31.09	14	eP	26	17.95	1.2	LDN	63.52	350	P	30	26.40	-1.0
TURKEY							GRW	32.50	13	eP	26	29.14	0.0	ELF	63.69	350	P	30	27.40	-1.2
MD 2.7 (ISK).							BIM	34.91	13	eP	26	48.88	-0.9	ACTO	63.90	351	P	30	29.13	-0.8
DST	0.30	336	iPg	35	33.20	-0.9	MVM	34.98	13	eP	26	49.84	-0.6	WLVO	63.98	352	P	30	29.68	-0.7
			eSg	35	37.70		FDF	35.10	13	eP	26	50.51	-1.0	RSNY	64.21	355	iPd	30	31.76	-0.1
KCT	0.97	340	iPg	35	47.30	1.0	CRM	35.17	13	eP	26	51.06	-0.9		0.8s	79.28nm			5.7mb	
ALT	1.07	105	ePg	35	48.00	0.0	MGP	37.58	3	P	27	11.80	-0.4	ALO	65.11	326	ePc	30	37.66	-0.4
YLV	1.31	20	ePn	35	52.10	-0.1	PORP	37.64	3	P	27	12.00	-0.8		1.0s	8.34nm			4.6mb	
S.D. = 1.3	on 4	of 4	obs.				CLLP	37.67	3	P	27	12.20	-0.8	TUC	65.54	322	eP	30	40.65	-0.1
DEC 23, 1992 02h 20m 06.34 ± 0.16s							CPD	37.68	5	P	27	12.20	-0.9		1.1s	33.17nm			5.2mb	
19.766 S ± 3.8km							SJG	37.73	4	iP	27	12.70	-0.9	CBM	66.39	1	eP	30	45.88	0.1
68.808 W ± 3.7km							LRS	37.87	3	P	27	13.70	-1.0		1.2s	122.41nm			5.7mb	
DEPTH = 105.7km (55 depth phases)							LPR	37.95	5	P	27	14.10	-1.3X	LIC	67.82	74	Pc	30	54.40	-1.1
5.4mb (65 obs.)							APR	38.03	3	P	27	15.40	-0.6	Z	20s	0.49um			4.7msz	
CHILE-BOLIVIA BORDER REGION (124)							EVV	46.06	324	(P)	28	25.00	3.7X			S		39	43.60	
Felt (V) at Arica, Cuyo, Pazo							PPM	48.42	321	(P)	28	42.50	2.0	TIC	68.00	74	Pc	30	55.80	-0.8
Almonte, Putre and Tano; (IV) at							MRX	50.46	319	(P)	28	56.50	1.1	KIC	68.14	74	Pc	30	56.60	-0.9
Iquique; (III) at Mario Elena,							HBF	53.56	348	iPc	29	18.61	0.3		1.1s	26.50nm			5.1mb	
Chile. Some landslides reported									iPd	29	44.46	107km			S		39	47.20		
along the Comandante San Martin							SGS	53.83	348	eP	29	20.34	0.0	GLD	68.27	330	eP	30	57.86	-0.2
Coastal Highway, Chile.							JSC	55.04	347	iPc	29	28.97	-0.2		1.2s	30.97nm			5.1mb	
CENTROID, MOMENT TENSOR (HRV)									epP	29	54.80	107km			epP	31	23.81	102km		
Data Used: GDSN									eSg	30	06.40		GOL	68.30	330	ePd	30	58.18	-0.1	
L.P.B.: 21S, 44C							PRM	55.08	346	iPc	29	29.02	-0.5		0.9s	4.60nm			4.4mb X	
Centroid Location:							LHS	55.14	348	iPc	29	29.64	-0.3			(pP)	31	25.00	106km	
Origin Time 02:20: 8.7 0.3							CEH	56.20	350	ePc	29	36.73	-0.8	NVL	68.41	159	iPd	30	56.00	-2.3
Lot 20.39S 0.04 Lon 69.27W 0.03									epP	30	03.00	108km			ePcP	31	16.00			
Dep 118.8 1.6 Half-duration 1.8							TKL	56.92	345	iPc	29	41.53	-1.1			eS	39	49.00		
Moment Tensor: Scale 10**17 Nm									epP	30	07.62	107km			eScS	40	34.00			
Mrr=-1.36 0.08 Mtt=-0.41 0.15							BLA	57.72	349	iPc	29	48.25	0.0	GLA	68.48	319	iPc	30	59.77	0.5
Mff=1.77 0.16 Mrt=2.44 0.09								1.0s	72.46nm			5.6mb				epP	31	29.41	110km	
Mrf=-2.33 0.09 Mtf=0.17 0.13							NAV	57.89	349	eP	29	48.83	-0.6	PV08	69.02	327	eP	31	01.84	-1.0
Principal Axes:									epP	30	15.61	110km				epP	31	02.24	-0.8	
T Vol= 3.36 Plg=33 Azm= 68							CVL	58.15	351	iPc	29	50.84	-0.3			epP	31	28.71	104km	
N 0.68 18 325									epP	30	17.25	108km				esP	31	37.30		
P -4.03 51 211							CBN	58.22	352	eP	29	51.00	-0.6	PV09	69.21	327	eP	31	03.73	-0.2
Best Double Couple: Mo=3.7*10**17								1.0s	40.00nm			5.4mb		PLM	69.94	318	eP	31	08.74	0.3
NP1: Strike=206 Dip=21 Slip=-27									epP	30	22.03	108km				esP	31	46.88		
NP2: 322 81 -108							UYO	58.93	335	iPc	29	55.90	-0.8	SPA	70.36	180	iPd	31	08.00	-2.5
CNCB	3.04	15	iPc	21	01.90	7.8X	OLY	59.02	338	eP	29	55.62	-1.7		1.2s	492.96nm			6.2mb	
LPB	3.29	12	iPc	21	05.00	7.7X														
CCH	3.47	47	iPc	21	04.70	5.1X														
ZOBO	3.52	11	iPc	21	07.30	6.6X	MIAR	58.93	336	iPc	29	55.58	-1.1							

[illegible]

23d 02h

PRU	100.74	41	ePdiff33	28.50	-15.5X
			e	33 50.00	
KLU	101.20	332	ePdiff33	45.05	-0.8
KSP	102.06	40	ePdiff34	00.80	10.9X
			e	37 56.80	
IMA	105.82	335	ePKP	38 10.70	-7.9X
	2.7s			114.20nm	
CMP	106.42	47	ePKPd	38 37.00	16.8X
MLR	107.09	47	ePKPc	38 20.00	-1.6
CVO	107.31	47	ePKP	38 34.00	12.1X
VRI	107.69	47	ePKP	38 42.00	19.4X
SVE	127.58	32	ePKPd	39 02.70	2.5X
			e	39 33.70	
			e	41 00.00	
NRI	128.39	10	ePKP	39 00.00	-1.4
	1.2s			11.00nm	
			e	39 30.00	
			e	41 09.00	
ASH	130.96	57	ePKP	39 05.70	-1.6
			e	41 25.50	
MAIO	132.04	59	ePKP	39 11.00	1.5
			i	39 39.00	
			i	41 32.00	
BRVK	134.24	33	ePKP	39 13.00	0.0
WB2	134.48	211	iPKP	39 12.90	-1.6
			i	39 41.80	
WRA	134.48	211	PKP	39 15.40	0.9
	1.4s			13.70nm	
YAK	135.86	348	ePKP	39 15.00	-0.8
			e	39 43.00	
QUE	138.80	66	ePKP	39 24.50	1.9
			e	39 53.00	
ELT	141.44	24	ePKP	39 25.10	-1.2
	1.7s			17.00nm	
			e	42 29.00	
FRU	141.64	45	ePKP	39 24.00	-3.1X
			e	39 56.80	
BOD	141.90	357	ePKP	39 21.00	-6.0X
	0.8s			21.00nm	
KUSJ	143.51	317	ePKP	39 26.70	-3.5X
KSH	143.95	49	PKPc	39 30.50	-0.8
ASAJ	144.28	320	ePKP	39 30.30	-1.2
POO	144.75	86	iPKPc	39 32.40	-0.7
HOOJ	144.78	317	ePKP	39 31.60	-0.7
MRRJ	146.16	319	ePKP	39 35.80	1.1
IRK	147.12	8	ePKPc	39 39.60	3.7X
	1.4s			84.00nm	
GBA	147.13	95	PKP	39 37.00	0.0
GUA	147.15	264	ePKP	39 37.80	0.7
	0.8s			495.52nm	
MOY	147.15	12	ePKPc	39 37.90	2.0
	1.3s			156.00nm	
PJG	147.20	264	ePKP	39 38.00	0.9
CIT	147.78	357	ePKP	39 38.30	1.2
NDI	147.86	67	ePKP	39 38.50	0.6
ZAK	148.81	10	ePKP	39 40.00	1.4
	1.2s			51.00nm	
			e	40 12.00	
			e	43 09.50	
WMO	149.00	34	PKP	39 38.00	-1.3
HYB	149.00	89	ePKP	39 38.70	-1.3
MAT	151.04	311	ePKP	39 48.00	5.5X
	1.0s			65.00nm	
TRT	152.67	183	ePKPd	39 46.00	0.5
GKN	154.41	66	PKP	39 47.56	-0.2
DMN	154.90	67	PKP	39 48.48	0.0
KKN	155.01	66	PKP	39 49.56	1.0
PKI	155.17	67	PKP	39 48.40	-0.6
GUN	155.50	66	PKP	39 50.78	1.3
HHC	158.98	359	iPKPc	39 54.80	1.8
LSA	159.31	58	iPKPc	39 55.40	1.2
BJI	159.35	349	ePKP	39 54.00	0.8
TIY	162.08	357	ePKP	39 56.40	0.2
	2.0s			0.37um	
				5.0msz	
LZH	162.50	20	ePKP	39 58.50	1.7
			pPKP	40 27.00	
TIA	162.81	344	ePKP	39 57.70	0.8
XAN	165.64	8	PKP	40 00.50	0.9
CD2	167.03	30	ePKP	40 01.30	0.5
CHG	168.39	93	ePKP	40 01.60	-0.4
GVA	172.14	31	PKP	40 04.00	0.1
				S.D. = 0.9 on 247 of 295 obs.	

? DEC 23, 1992 02h 20m 38.09±2.61s
 39.341 N ±21.6km 28.805 E ±19.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

MD 2.7 (ISK).						
DST	0.30	333	iPg	20 43.70	-0.6	
			eSg	20 48.20		
KCT	0.97	339	ePn	20 57.30	0.8	
ALT	1.05	105	ePn	20 58.00	0.0	
YLV	1.30	19	iPn	21 02.10	-0.1	
S.D. = 1.0 on 4 of 4 obs.						
%						
DEC 23, 1992 02h 48m 53.43± 1.24s						
39.323 N ± 9.6km 28.768 E ±14.4km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 2.9 (ISK).						
DST	0.30	339	iPg	48 59.20	-0.5	
			eSg	49 03.80		
KCT	0.98	341	iPg	49 12.80	0.8	
ALT	1.08	104	ePn	49 14.00	0.2	
KHL	1.16	149	ePn	49 15.00	-0.2	
YLV	1.33	20	iPn	49 17.60	-0.4	
S.D. = 0.8 on 5 of 5 obs.						
DEC 23, 1992 03h 00m 44.98± 0.08s						
6.541 S ± 2.2km 130.417 E ± 2.8km						
DEPTH = 101.7km (13 depth phases)						
6.1mb (99 obs.)						
BANDA SEA (280)						
Felt (III) at Saumlaki, Indonesia.						
FAULT PLANE SOLUTION: P-Waves						
NP1:Strike=245 Dip=48 Slip= 90						
NP2: 65 42 90						
Principal Axes:						
T P1g=87 Azm=155						
P 3 335						
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.						
CENTROID, MOMENT TENSOR (HRV)						
Data Used: GDSN						
L.P.B.: 27S, 58C						
Centroid Location:						
Origin Time 03:00:45.4 0.3						
Lat 6.50S 0.03 Lon 130.54E 0.03						
Dep 91.7 1.5 Half-duration 1.8						
Moment Tensor: Scale 10**17 Nm						
Mrr= 3.63 0.11 Mtt=-3.82 0.19						
Mff= 0.19 0.23 Mrt=-1.36 0.13						
Mrf=-0.13 0.12 Mtf= 4.05 0.17						
Principal Axes:						
T Val= 4.20 P1g=61 Azm=132						
N 2.25 29 298						
P -6.45 6 31						
Best Double Couple:Mo=5.3*10**17						
NP1:Strike=149 Dip=46 Slip= 132						
NP2: 277 57 55						
SLKI	1.68	149	iPd	01 12.30	-1.6	
AAI	3.60	322	iPd	01 13.00	-26.7X	
MTN	6.30	174	iPd	02 12.90	-4.1X	
MNI	9.69	325	ePc	03 03.50	0.3	
			eS	04 51.00		
MKS	10.97	276	iPd	03 23.00	2.7X	
WB2	13.86	164	eP	03 51.00	-7.3X	
			iS	06 10.00		
DAV	14.37	340	eP	04 07.80	2.9X	
KHKI	14.79	262	eP	04 09.00	-1.3	
			eS	06 58.00		
			e	15 35.00		
BIP	15.25	344	iPd	04 15.00	-1.0	
			eS	07 09.00		
MDG	15.34	86	eP	04 15.00	-2.1	
TSM	16.51	310	ePc	04 32.50	0.6	
QIS	16.54	148	eP	04 26.00	-6.2X	
			eS	07 15.00		
PMG	16.82	101	eP	04 33.00	-2.7X	
	0.9s			591.60nm		5.Bmb
ASPA	17.35	169	eP	04 37.80	-4.5X	
	18s			15.80um		
			eS	07 39.10		
TRT	17.68	265	ePd	04 45.50	-0.8	
	1.2s			167.00nm		5.1mb
MBL	17.78	214	iPc	04 30.60	-16.9X	
			eS	07 31.00		

KKM	18.90	311	ePc	05 00.00	-0.5
	0.8s			687.70nm	
			e	05 55.50	6.0mb
PPR	19.96	324	iPd	05 12.00	0.5
			iS	06 13.00	
CTA	20.44	133	iPc	05 15.00	-1.4
	1.0s			250.00nm	
			i	05 41.00	144kmX
			iS	09 02.00	
CTAO	20.44	133	iPc	05 16.02	-0.4
			ec	05 18.59	10kmX
NANU	21.44	221	eP	05 26.10	-0.4
			eS	09 18.00	
RAB	21.78	85	eP	05 30.00	0.2
	1.0s			640.00nm	
			iS	09 24.00	5.9mb
WEEK	22.93	208	iPc	05 41.20	0.1
OCP	22.99	336	eP	05 57.00	15.4X
OVP	23.01	336	eP	05 41.50	-0.3
FORT	24.21	185	iPd	05 53.70	0.3
	0.7s			405.00nm	
			eS	10 15.00	6.0mb
GUA	24.60	36	eP	05 57.70	0.5
	0.8s			388.06nm	
PJG	24.61	36	eP	05 58.20	0.9
			e	06 23.30	119kmX
BCP	24.79	337	ePd	05 58.00	-1.0
BAG	24.79	337	ePc+	05 57.90	-1.3
	1.1s			1544.30nm	
			eS	10 10.00	6.4mb
COOL	25.73	199	iPc	06 07.00	-0.7
	0.6s			85.00nm	
MRWA	26.34	209	iPc	06 12.80	-0.5
			eS	11 12.00	
RMQ	26.44	141	iPd	06 17.00	2.8X
			e	06 40.00	105km
			eS	11 17.00	
BAL	27.18	207	iPc	06 20.30	-0.6
			eS	11 29.00	
KLB	27.59	204	eP	06 25.00	0.4
KGM	28.36	287	ePd	06 31.70	0.1
	0.9s			209.00nm	
MUN	28.57	206	iPc	06 32.90	-0.5
	1.0s			250.00nm	
			eS	11 16.00	5.8mb
CMS	28.70	152	iPc	06 33.50	-1.1
	1.2s			181.00nm	
			e	07 15.50	208kmX
			eS	12 04.00	
ADE	29.30	166	iPc	06 39.60	-0.4
BRS	29.68	137	iPd	06 40.00	-3.4X
	0.6s			50.00nm	
			iS	10 30.00	5.4mb
RKG	30.52	202	iPd	06 51.90	1.3
	0.5s			50.00nm	

WDC	107.17	50	PKP	19	10.00	8.9X
Z	19s		0.48um			5.1MsZ
KNT	107.46	311	ePKP	19	18.88	17.3X
VAY	107.69	311	iPdiff14	53.00		-1.4
GRG	107.86	311	ePKP	19	21.16	18.8X
DAG	107.86	353	ePdiff14	53.70		-0.6
	0.6s		6.67nm			5.9mb
SPC	108.07	320	e(PKP)	19	03.40	0.7
			i	19	29.70	
			e	30	29.20	
ORV	108.07	51	ePdiff14	57.46		1.3
OJC	108.15	321	ePdiff14	57.00		0.8
OJC	108.15	321	ePKP	19	03.60	1.0
SKO	108.44	312	iPKP	19	03.00	-0.4
			i	19	23.00	
PSZ	108.54	318	e(PKP)	19	03.60	0.1
OHR	109.04	311	ePKP	19	01.80	-2.8X
CMB	109.11	52	PKP	19	20.00	15.1X
Z	19s		0.36um			4.9MsZ
DPW	109.12	42	(PKP)	19	05.65	1.0
			ePP	19	29.55	
SRO	109.61	318	iPKP	19	04.80	-0.6
NAO	109.82	333	Pdiff	15	02.10	-1.3
	1.1s		21.10nm			
KSP	110.18	322	ePdiff15	06.00		0.7
			e	18	33.60	
			id	19	07.40	
			i	19	36.90	
ZST	110.32	319	ePKP	19	06.70	0.0
			e	30	07.20	
VKA	110.81	319	iPKPd	19	08.50	
			e	20	03.00	
ISA	110.92	54	PKP	19	20.00	11.6X
Z	20s		0.43um			5.0MsZ
PRU	111.49	321	PKP	19	09.50	0.6
	1.0s		12.00nm			
			e	19	49.90	
			PKKP	30	15.20	
TNP	111.58	52	iPKPd	19	11.09	1.3
BRG	111.60	322	iPKP	19	09.60	0.5
	1.2s		42.00nm			
			e	22	14.40	
PTJ	111.61	317	iPKPd	19	10.00	0.6
ZAG	111.61	317	ePKP	19	10.00	0.8
HVAR	111.86	314	ePKP	19	09.00	-0.8
CLL	112.04	323	iPKPc	19	09.50	-0.4
	1.1s		38.00nm			
			e	19	49.00	
			e	30	11.00	
BCAO	112.20	272	iPdiff15	15.20		0.1
	0.6s		6.00nm			
PEC	112.21	56	ePKP	19	11.72	0.9
GSC	112.32	55	ePKPc	19	12.20	1.1
			ePKKP330	01.68		
			iPKKP230	11.19		
KHC	112.33	321	PKP	19	11.00	0.4
	1.1s		12.50nm			
			e	19	38.90	
			e	29	50.50	
			PKKP	30	11.40	
GEC2	112.34	320	PKP	19	11.00	0.3
	0.7s		8.86nm			
			PP	19	54.50	
			e	20	00.90	
			SKP	22	38.30	
			PKKP	30	10.40	
PLM	112.53	57	ePKP	19	13.04	1.4
TDS	112.64	310	PKP	19	12.00	0.6
HOF	113.03	322	ePKP	19	12.40	0.5
KBA	113.06	319	iPKPc	19	10.80	-1.4
	0.9s		18.30nm			
			i	19	11.60	
			i	19	15.90	
			i	20	10.00	
MOX	113.08	323	iPKPd	19	12.40	0.5
	1.8s					

		id	19	14.60		AUTN	117.95	317	PKP	19	22.18	0.4	DLF	121.76	331	iPKPd	19	28.80	0.4	
		i	19	18.90		SBF	117.99	317	ePKP	19	21.50	-0.2		1.0s	104.00nm					
		i	20	05.60			0.9s	42.90nm					MFF	121.83	322	ePKP	19	29.10	0.3	
		i	22	42.00		AURF	118.06	317	PKP	19	21.92	0.1		0.9s	85.50nm					
HVU	114.22	47	ePKPd	19	15.58	0.9	TOUF	118.07	317	PKP	19	22.18	0.2	ULM	121.84	33	ePKPd	19	40.40	11.8X
ARV	114.28	315	PKP	19	14.90	0.3	PV08	118.08	50	ePKP	19	23.35	1.0	LPO	121.84	319	ePKP	19	29.70	0.9
SQTA	114.41	319	iPKPc	19	14.60	-0.2								1.3s	85.20nm					
	1.0s	36.20nm					BNI	118.10	318	PKP	19	22.10	0.2	LFF	122.02	320	ePKP	19	30.00	0.9
		id	19	14.90		EDU	118.20	333	ePKP	19	21.70	0.2		0.9s	48.15nm					
		i	19	19.60			0.9s	43.00nm					DCN	122.08	332	iPKPd	19	29.40	0.4	
DUG	114.55	49	iPKPc	19	16.01	0.6	SURF	118.21	317	PKP	19	22.76	0.5		1.0s	128.00nm				
		ePKKP329	53.93			ESY	118.37	332	ePKP	19	22.30	0.4	TRGS	122.21	317	PKP	19	30.52	0.6	
		iPKKP230	01.10			ELO	118.56	333	ePKP	19	22.50	0.2	GRBF	122.37	317	PKP	19	29.91	-0.1	
ARUT	114.58	51	ePKP	19	16.30	0.8	EBH	118.60	333	ePKP	19	22.60	0.3	LESF	122.46	318	PKP	19	30.49	0.4
		ePKKP329	55.19			FRF	118.63	316	ePKP	19	22.90	0.1	PAND	122.49	317	PKP	19	31.03	0.6	
		ePKKP230	01.86				1.2s	80.95nm				ESEL	122.58	313	iPKPc	19	31.25	0.8		
OGA	114.64	319	ePKP	19	15.70	0.3	EDI	118.64	332	ePKP	19	22.70	0.3	EPF	123.09	318	ePKP	19	31.70	0.3
SFI	114.93	316	PKP	19	16.10	0.4	EBL	118.66	332	ePKP	19	22.90	0.5		1.1s	33.20nm				
PGD	115.03	316	PKP	19	14.90	-1.3		0.8s	21.00nm				EGRA	123.88	317	ePKP	19	32.70	-0.2	
TNS	115.13	323	iPKPd	19	16.60	0.6	LMR	118.80	316	ePKP	19	23.20	0.1	EROQ	123.95	316	iPKPd	19	33.79	0.7
WIT	115.15	326	ePKP	19	17.50	1.7		1.0s	30.00nm				ECRI	125.16	319	iPKPd	19	36.60	1.2	
OSS	115.27	319	iPKPd	19	16.80	0.3	EAU	118.81	332	ePKP	19	23.30	0.6	ECHE	125.41	315	iPKPd	19	37.14	1.1
FIR	115.38	316	ePKP	19	05.00	-11.6X		0.8s	64.00nm				ETOR	125.65	316	iPKPd	19	36.19	-0.3	
WTS	115.40	325	ePKP	19	17.00	0.7	LRG	118.86	316	ePKP	19	23.50	0.3	EALH	126.42	313	ePKP	19	38.87	0.9
	0.7s	10.00nm					1.0s	63.80nm					EVIA	126.89	314	iPKPd	19	39.88	0.9	
		e	20	34.00			Z	20s	0.30um			4.9MsZ	MEQ	126.93	51	iPKPd	19	38.70	-0.4	
MSU	115.40	50	ePKPc	19	18.45	1.3	EKA	118.96	332	PKPd	19	23.50	0.5	GUD	127.16	317	iPKPd	19	42.28	2.8X
		e	29	42.59				0.9s	25.80nm				EHUE	127.29	313	iPKPd	19	40.05	0.3	
		ePKKP329	52.85			EAB	119.01	333	ePKP	19	23.00	-0.1	ENIJ	127.35	312	iPKPd	19	39.32	-0.5	
		ePKKP229	57.82			LOR	119.07	321	ePKP	19	23.70	0.2	FNO	127.67	50	iPKPd	19	41.60	1.2	
MME	115.65	316	PKP	19	17.60	0.2		1.0s	34.00nm				PAB	127.79	316	iPKPd	19	41.50	0.9	
DAU	115.66	48	ePKP	19	17.87	0.2		Z	21s	0.35um		5.0MsZ	ECOG	128.22	313	ePKP	19	40.47	-1.1	
		ePP	20	19.26			LBF	119.11	321	ePKP	19	23.80	0.1	ERUA	128.26	320	ePKP	19	42.35	1.0
		ePKKP329	51.88					0.9s	34.25nm				EGUA	128.40	313	iPKPd	19	41.67	-0.1	
		ePKKP229	56.55			SMF	119.34	321	ePKP	19	24.10	0.1	ELUO	128.60	314	ePKP	19	42.19	0.0	
BDI	115.76	316	PKP	19	16.10	-1.3		1.3s	58.10nm				TUL	128.63	49	iPKPd	19	42.90	0.7	
PII	115.91	316	PKP	19	11.30	-6.3X	SSF	119.38	321	ePKP	19	24.50	0.4		1.2s	185.40nm				
LLS	115.96	319	iPKPd	19	18.10	0.2		1.0s	83.60nm				LNO	128.63	49	iPKPd	19	42.60	0.5	
LANF	115.97	322	PKP	19	18.20	0.6	SS8	119.42	319	PKP	19	24.41	0.1	EPLA	128.73	317	iPKPd	19	42.89	0.5
ZLA	116.14	320	ePKPd	19	18.00	0.0	AVF	119.58	321	ePKP	19	24.50	0.0	STS	128.87	322	ePKP	19	43.59	1.1
FEL	116.24	321	PKP	19	18.07	-0.2		0.9s	28.15nm				EHOR	129.19	314	iPKPd	19	43.42	0.2	
BW06	116.27	45	iPKPc	19	18.45	-0.2	RSSD	119.64	42	ePKP	19	24.69	-0.3	EPRU	129.55	313	ePKP	19	44.59	0.6
		iPKKP329	48.11				Z	20s	0.24um			4.8MsZ	EJIF	129.95	313	ePKP	19	45.16	0.4	
		iPKKP229	53.00										UYO	130.32	50	iPKPd	19	39.90	-5.6X	
TMA	116.29	319	iPKPc	19	18.20	-0.3			iSKP	22	52.42		EVAL	130.36	315	ePKP	19	46.74	1.3	
BOB	116.33	317	PKP	19	18.50	0.0			ePKKP329	33.75			MIAR	130.84	49	ePKPc	19	46.83	0.4	
VAI	116.44	318	PKP	19	18.10	-0.4	COLF	119.88	319	PKP	19	25.44	0.3		Z	19s	0.35um		5.1MsZ	
WLS	116.46	321	PKP	19	18.31	-0.3	BGF	120.00	321	ePKP	19	25.80	0.5			iSKP	23	04.48		
CDF	116.51	321	PKP	19	18.58	-0.1		0.9s	90.40nm						eSKS	23	38.23			
SRU	116.52	49	ePKP	19	19.48	0.3	GOL	120.20	48	ePKP	19	26.63	0.4	IFR	130.90	309	iPKP	19	50.00	3.1X
		ePKKP329	47.68				Z	19s	0.06um			4.3MsZ	FVM	131.55	44	ePKP	19	47.41	-0.3	
		iPKKP229	52.61						e	20	10.60				ePP	22	04.35			
ECH	116.65	321	PKP	19	18.84	-0.1	GLD	120.29	47	ePKP	19	27.66	1.3			eSKP	23	05.36		
BBS	116.70	320	PKP	19	18.79	-0.3			ePKKP329	33.06			OLY	131.99	47	ePKP	19	48.55	-0.1	
WLF	116.71	323	iPKPc	19	19.77	0.9			iPKKP229	37.09					ePP	22	07.98			
MOF	116.80	321	PKP	19	19.18	-0.1	MAF	120.31	321	ePKP	19	26.30	0.4			eSKP	23	07.64		
MMK	116.90	319	ePKPd	19	20.50	0.7		0.8s	9.40nm				EEO	132.68	27	ePKP	19	52.00	2.4X	
BSF	117.02	321	PKP	19	19.78	0.0	WIM	120.36	331	ePKP	19	26.30	0.6	ELC	132.73	44	ePKP	19	49.88	-0.1
ORO	117.04	318	PKP	19	19.30	-0.5	TCF	120.51	321	ePKP	19	26.70	0.4			ePP	22	12.78		
LOMF	117.18	320	PKP	19	20.04	0.0		1.0s	62.40nm						iSKP	23	09.90			
HAU	117.23	321	ePKP	19	20.00	0.0	WME	120.62	330	ePKP	19	26.80	0.6	AVE	132.73	310	ePKP	19	45.50	-4.6X
	1.1s	58.85nm					1.2s	94.00nm					TIO	133.56	307	iPKPd	19	54.00	2.1	
	Z	21s	0.25um			4.8MsZ	ALQ	120.70	53	ePKPc	19	28.07	0.8	ELF	134.04	32	PKP	19	52.80	0.5
DIX	117.26	319	ePKPd	19	21.10	0.6		Z	18s	0.07um		4.4MsZ	DLA	134.13	33	PKP	19	52.90	0.4	
PGF	117.32	315	ePKP	19	20.50	0.0							LDN	134.22	32	PKP	19	52.90	0.3	
	1.3s	84.50nm							ePKKP329	31.30			RFA	135.21	158	e(PKP)	19	48.00	-6.9X	
VITF	117.38	322	PKP	19	20.54	0.3			ePKKP229	33.86			KIC	135.45	272	PKP	19	39.80	-16.0X	
DOU	117.46	324	PKP	19	21.20	0.9	YRC	120.83	330	ePKP	19	26.80	0.2	LIC	135.73	272	PKP	19	40.60	-15.7X
SNF	117.46	324	iPKPc	19	20.93	0.6	LDF	120.89	324	ePKP	19	27.20	0.3		Z	20s	0.20um		4.8MsZ	
EMS	117.57	319	ePKPd	19	21.30	0.3		1.1s	47.35nm				TIC	135.74	273	PKP	19	40.20	-16.2X	
PV09	117.73	50	iPKPc	19	22.74	1.1	LSF	120.95	321	ePKP	19	27.30	0.2	RSNY	136.32	26	ePKP	19	56.62	0.0
		ePKKP329	44.84				1.1s	47.35nm						Z	22s	0.28um			4.9MsZ	
		iPKKP229	48.38				FLN	121.02	324	ePKP	19	27.40	0.3			eSKP	23	20.30		
		iPKPc	19	22.76		1.2		0.8s	26.45nm				ANTZ	136.59	305	iPKPc	19	57.50	-0.1	
TUC	117.74	57	iPKPc	19	22.76	1.2		Z	23s	0.35um		4.9MsZ			i	19	59.00			
	Z	19s	0.38um			5.0MsZ	YRH	121.10	330	ePKP	19	27.30	0.1	CBM	136.72	19	ePKP	19	56.27	-1.0
		ePKKP329	47.48				RJF	121.37	320	ePKP	19	28.60	0.7		Z	18s	0.24um		5.0MsZ	
FCC	117.77	24	ePKPd	19	23.40	2.8X		1.4s	71.45nm				MDZ	136.72	156	e(PKP)	19	46.60	-11.2X	
PV10	117.83	50	ePKPc	19	22.42	0.6		Z	23s	0.25um		4.8MsZ								

23d 03h

CVL	139.19	36	ISKP	23	29.93	
			ePKP	20	03.77	1.7
HRV	139.25	25	eSKP	23	29.34	
			ePKP	20	02.28	0.2
PNJ	139.35	29	e(PKP)	19	58.00	-4.2X
CBN	139.66	35	ePKP	19	55.00	-7.9X
JSC	139.79	42	ePKP	20	04.11	0.8
			ePP	22	54.10	
			e	23	23.22	
LHS	139.97	42	ISKP	23	31.55	
			ePKP	20	03.57	0.0
			ISKPd	23	31.36	
			eSKPab	23	44.44	
CEH	140.19	39	ePKP	20	05.47	1.5
			ISKP	23	32.01	
SGS	140.93	43	iPKP	20	06.60	1.3
			ISKP	23	35.33	
HBF	141.17	43	ePKP	20	06.42	0.6
			eSKP	23	35.01	
CYA	141.87	157	iPKPd	20	01.80	-5.5X
FSA	143.86	154	iPKPc	20	10.10	-0.5
SLA	145.27	154	iPKPc	20	14.00	0.7
HJA	146.63	153	iPKPc	20	18.00	3.5X
MBO	147.01	286	iPKPc	20	19.80	3.7X
NNA	147.23	124	ePKP	20	17.76	1.2
			ec	20	20.24	
YJA	147.48	152	ePKPc	20	19.60	2.3X
ARE	148.50	137	ePKP	20	22.00	3.1X
CNCB	150.52	142	iPKPc	20	24.20	1.9
VAO	150.53	185	ePKP	20	23.50	1.9
			e	20	27.40	
			e	20	56.30	
LPB	150.66	142	iPKPc	20	25.00	2.7X
ZOBO	150.82	141	ePKP	20	24.12	1.3
			iPKPbc	20	30.00	
			ePKPab	20	37.70	
			LR	12	52.00	
CCH	151.14	146	PKP	20	23.00	0.1
			i	20	29.00	
BOG	155.56	93	ePKP	20	31.00	1.8
BAO	157.91	184	PKPd	20	33.50	1.7
			e	20	38.40	
			e	20	45.00	
			e	21	06.90	
			e	21	13.00	
			e	21	19.00	
			e	21	23.00	
			e	21	42.00	
			e	24	22.90	
			e	24	46.90	
			e	24	50.80	
SDV	159.01	82	iPKPc	20	34.30	1.1
TOV	159.74	79	iPKPd	20	35.30	1.5
			S.D. = 0.9	on 407 of 461 obs.		
			DEC 23, 1992	03h 01m 44.10 ± 0.41s		
			39.305 N ± 3.5km	28.776 E ± 4.8km		
			DEPTH = 10.0km	(geophysicist)		
			TURKEY	(366)		
			MD 3.3 (ISK).			
DST	0.32	339	iPg	01	50.80	0.0
KCT	1.00	341	iPn	02	04.30	1.3
ALT	1.07	103	ePn	02	04.00	-0.3
KHL	1.14	149	iPn	02	04.80	-0.7
BNT	1.24	328	ePn	02	07.00	-0.1
EDC	1.26	326	iPn	02	07.00	-0.4
YLV	1.34	20	iPn	02	08.60	-0.3
IZM	1.49	233	ePn	02	10.50	-0.4
GPA	1.54	50	ePn	02	12.00	0.4
GBZT	1.57	19	ePn	02	11.60	-0.4
			iSg	02	36.50	
EYL	1.65	40	iPn	02	13.30	0.0
ISK	1.77	7	ePn	02	16.00	1.0
CIN	1.79	198	ePn	02	17.00	1.8
CTT	1.86	352	ePn	02	15.60	-0.7
EZN	1.96	286	ePn	02	17.10	-0.7
YER	2.20	190	ePn	02	21.00	-0.3
DMK	2.63	343	ePn	02	27.00	-0.3
KAS	4.34	60	ePn	03	12.00	20.4X
			iSg	04	16.00	
			S.D. = 0.8	on 17 of 18 obs.		
			? DEC 23, 1992	03h 20m 01.79 ± 0.91s		
			37.174 N ± 16.8km	28.763 E ± 7.0km		
			DEPTH = 10.0km	(geophysicist)		

			TURKEY	(366)		
YER	0.39	264	ePn	20	10.00	0.3
CIN	0.69	308	eP	20	15.00	-0.4
ELL	1.01	115	ePn	20	20.60	-0.4
BCK	1.48	78	ePn	20	29.10	0.5
			S.D. = 0.8	on 4 of 4 obs.		
			? DEC 23, 1992	04h 00m 54.56 ± 8.14s		
			32.578 S ± 47.5km	70.578 W ± 19.7km		
			DEPTH = 85.7 ± 53.0 km			
			CHILE-ARGENTINA BORDER REGION	(127)		
			MD 3.5 (SAN).			
JACH	0.10	187	iP+	01	07.05	-0.2
			iS	01	17.37	
ROCH	0.54	223	iPd	01	09.85	0.2
			iS	01	21.85	
PEL	0.57	189	iP+	01	09.62	-0.1
			iS	01	21.56	
FCH	0.79	162	iPd	01	12.30	0.1
			iS	01	26.09	
PCH	1.04	177	iP+	01	14.89	0.1
			iS	01	31.54	
TACH	1.11	196	iP+	01	15.47	-0.1
			iS	01	32.01	
LCCH	1.22	223	iPd	01	17.30	0.4
			iS	01	33.74	
CHCH	1.35	183	iP+	01	18.40	-0.3
			iS	01	37.28	
CACH	1.53	181	eP	01	21.51	0.4
			iS	01	42.31	
LNV	1.54	207	iPd	01	20.43	-0.6
			S.D. = 0.4	on 10 of 10 obs.		
			DEC 23, 1992	04h 03m 46.13 ± 0.54s		
			39.793 N ± 6.9km	25.649 E ± 3.6km		
			DEPTH = 9.8 ± 3.1 km			
			AEGEAN SEA	(365)		
			MD 3.4 (ISK).			
EZN	0.52	86	iPg	03	56.00	-0.7
			eSg	04	03.00	
ALN	1.14	15	ePg	04	07.68	0.2
			eSg	04	23.44	
PAIG	1.52	276	ePb	04	14.08	0.7
EDC	1.79	71	ePn	04	17.50	0.2
BNT	1.83	71	ePn	04	18.00	0.1
IZM	1.88	137	ePn	04	18.20	-0.4
SOH	2.03	301	ePb	04	20.92	0.0
SRS	2.05	311	ePb	04	20.45	-0.7
			eSb	04	43.24	
KCT	2.13	77	ePn	04	23.20	1.0
DST	2.31	94	iPn	04	24.90	0.1
KNT	2.50	304	ePn	04	27.36	-0.2
CTT	2.52	57	ePn	04	28.10	0.4
DMK	2.58	38	ePn	04	28.10	-0.6
VAY	2.80	304	iPn	04	40.30	8.5X
YLV	2.96	74	ePn	04	34.00	-0.1
			S.D. = 0.6	on 14 of 15 obs.		
			DEC 23, 1992	04h 10m 04.21 ± 0.58s		
			39.277 N ± 5.2km	28.774 E ± 5.5km		
			DEPTH = 10.0km	(geophysicist)		
			TURKEY	(366)		
			MD 3.2 (ISK).			
DST	0.35	341	iPg	10	10.60	-0.8
			eSg	10	15.10	
KCT	1.02	342	iPn	10	24.20	0.7
ALT	1.06	102	ePg	10	24.10	-0.2
KHL	1.12	148	iPn	10	24.90	-0.3
BNT	1.26	329	ePn	10	27.00	-0.7
EDC	1.28	327	iPn	10	28.00	0.1
YLV	1.37	19	iPn	10	28.00	-1.4
IZM	1.47	234	ePn	10	31.00	0.2
GPA	1.56	49	ePn	10	32.00	0.0
GBZT	1.60	19	ePn	10	32.00	-0.5
			eSg	10	56.20	
EYL	1.67	39	ePn	10	35.50	1.8
CTT	1.89	352	ePn	10	37.60	0.9
EZN	1.97	287	ePn	10	38.20	0.2
			S.D. = 0.9	on 13 of 13 obs.		
			DEC 23, 1992	05h 22m 52.55 ± 0.45s		
			41.455 N ± 4.4km	142.065 E ± 6.4km		
			DEPTH = 67.0 ± 4.6 km			

4.7mb (25 obs.)						
HOKKAIDO, JAPAN REGION			(224)			
MRRJ	1.22	323	iPd	23	13.50	-0.5
			eS	23	29.70	
HOJ	1.30	44	iP+	23	15.30	0.2
			eS	23	33.40	
AOMJ	1.56	236	P	23	19.50	0.8
OFUJ	2.39	187	eP	23	29.80	-0.4
			eS	24	00.50	
KUSJ	2.56	49	iPd	23	31.00	-1.5
			eS	23	59.70	
ASAJ	2.70	9	iP+	23	34.90	0.5
YAMJ	3.63	206	eP	23	48.80	1.2
NIIJ	4.83	210	P	24	05.80	1.4
KAKJ	5.45	196	P	24	12.50	-0.5
			S	25	10.90	
YSS	5.58	5	eP	24	15.00	0.2
MAT	5.75	213	eP	24	18.00	0.7
	0.6s		14.67nm			4.5mb
			(S)	25	22.00	
MTMJ	5.89	216	P	24	20.10	0.8
CHJJ	5.91	205	P	24	18.20	-1.3
BJI	19.65	274	eP	27	16.00	-2.4
	1.0s		22.00nm			4.4mb
BTO	24.12	279	eP	28	04.20	1.0
BOD	24.13	322	eP	28	03.30	0.4
ZAK	28.14	302	eP	28	39.00	-1.0
	1.2s		14.00nm			4.5mb
GTA	32.00	281	eP	29	13.00	-1.5
ELT	38.64	307	eP	30	10.00	-0.7
	0.9s		15.00nm			4.9mb
WMO	39.46	292	P	30	17.50	-0.3
	0.6s		21.00nm			5.2mb
IMA	42.66	33	eP	30	44.70	0.9
	0.8s		2.07nm			4.0mb
CHG	43.02	252	eP	30	47.40	0.3
FBA	45.14	34	eP	31	03.66	0.1
	0.8s		6.20nm			4.5mb
GUN	47.37	272	P	31	22.00	-0.2
KKN	47.88	272	P	31	26.00	0.0
	0.8s		43.00nm			5.5mb
PKI	47.90	272	P	31	26.00	-0.3
	0.6s		14.00nm			5.1mb
DMN	48.11	272	P	31	27.80	0.0
BRVK	48.11	310	eP	31	26.00	-1.2
	1.0s		9.00nm			4.7mb
GKN	48.25	273	P	31	28.60	-0.2
	0.6s		24.00nm			5.4mb
YKA	59.76	32	eP	32	50.90	-1.4
	0.4s		0.30nm			3.8mb
WB2	61.50	188	eP	33	02.50	-2.1
	0.6s		6.40nm			4.9mb
WRA	61.50	188	P	33	03.20	-1.4
	0.4s		1.80nm			4.6mb
GBA	62.14	264	P	33	09.00	0.0
KAF	64.63	332	eP	33	23.20	-1.6
NUR	66.30	331	eP	33	34.10	-1.4
APD	69.89	336	eP	33	56.50	-1.3
	0.4s		6.70nm			4.9mb
NAO	70.60	337	P	34	00.40	-1.7
	0.5s		1.90nm			4.3mb
OJC	75.66	326	eP	34	32.20	0.3
DEV	77.52	321	ePc	34	59.00	16.7X
PRU	77.98	328	eP	34	46.00	1.2
KHC	79.05	328	eP	34	51.00	0.3
			e	35	20.00	
GEC2	79.23	328	P	34	51.80	0.1
	1.0s		2.14nm			4.0mb
LOR	84.19	333	eP	35	17.50	0.0
FLN	84.28	336	eP	35	17.90	0.0
LDF	84.32	336	eP	35	18.50	0.4
LBF	84.39	333	eP	35	18.60	0.0
SSF	84.49	333	eP	35	19.20	0.2
LPL	84.66	330	eP	35	20.90	0.7
	0.7s		6.15nm			4.8mb
LPG	84.67	330	eP	35	21.10	0.8
	0.7s		6.40nm			4.8mb
GRR	84.73	336	eP	35	20.40	0.2
SMF	84.73	333	eP	35	20.60	0.4
	0.5s		2.85nm			4.6mb
AVF	84.77	333	eP	35	20.80	0.4
	0.5s		3.80nm			4.7mb
LPF	85.10	336	eP	35	22.50	0.5
BGF	85.15	333	eP	35	23.20	0.9
MAF	85.54	333	eP	35	25.20	0.9
	0.9s		12.30nm			5.0mb

TCF 85.60 333 eP 35 25.40 0.8
LSF 85.86 334 eP 35 26.60 0.7
0.5s 5.30nm 4.9mb
MFF 86.10 335 eP 35 27.90 0.9
RJJ 86.70 333 eP 35 30.00 0.8
0.5s 2.25nm 4.6mb
LFF 87.28 334 eP 35 34.00 1.2
0.6s 6.50nm 5.0mb
LPO 87.35 333 eP 35 34.30 1.1
EPF 89.10 333 eP 35 43.40 1.8
S.D. = 1.0 on 61 of 62 obs.

DEC 23, 1992 05h 32m 39.64±0.81s
42.990 N ± 7.9km 12.870 E ± 10.8km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 2.8 (VIE).

ASS 0.17 298 Pc 32 42.80 -0.8
eSg 32 46.00
ARV 0.51 6 P 32 48.00 -2.0
eSg 32 56.00
AQU 0.75 148 P 32 53.50 -0.8
eSg 33 05.00
CRE 0.93 314 P 32 57.20 -0.2
eSg 33 12.70
RSM 0.99 342 P 32 59.90 1.6
SFI 1.19 322 P 33 02.50 0.7
PGD 1.22 317 P 33 02.00 -0.4
SDI 1.46 151 P 33 06.90 0.8
TRI 2.79 13 eP 34 09.10 43.9X
KBA 4.10 5 iPd 33 45.00 1.1
iPg 34 01.40
iSg 34 54.00
S.D. = 1.3 on 9 of 10 obs.

DEC 23, 1992 05h 46m 39.86±0.34s
6.691 S ± 5.5km 130.396 E ± 9.1km
DEPTH = 23.2km (3 depth phases)
4.9mb (15 obs.)
BANDA SEA (280)

MTN 6.16 173 eP 48 14.00 2.2
MNI 9.80 325 eP 48 46.90 -15.6X
WB2 13.72 164 eP 49 50.80 -4.7X
0.4s 53.80nm 5.7mb
iS 52 12.70
BIP 15.38 344 eP 50 24.00 6.8X
OIS 16.42 148 eP 50 28.00 -2.6
eS 53 23.70
PMG 16.81 100 eP 50 36.50 1.0
1.0s 60.00nm 4.7mb
ASPA 17.21 169 eP 50 38.60 -2.0
Z 20s 0.70um
eS 53 35.50
MBL 17.65 214 eP 50 31.50 -14.4X
0.4s 21.00nm
WARB 19.71 190 iPc 51 10.90 0.0
eS 54 35.00
NANU 21.32 221 iPc 51 29.00 1.6
0.4s 23.00nm 5.0mb
eS 55 18.00
PGP 22.14 335 iPc 51 38.00 2.2
FORT 24.06 185 eP 51 55.00 0.6
0.6s 30.00nm 5.0mb
MRWA 26.21 209 eP 52 16.00 1.2
RMO 26.33 140 eP 52 15.60 -0.4
BAL 27.04 207 eP 52 22.00 -0.4
eS 57 30.00
ADE 29.16 166 e(P) 52 45.60 4.0X
CAN 33.23 152 iPc 53 17.80 0.3
BDT 39.09 308 eP 54 07.00 -0.3
CHG 40.05 310 iPc 54 15.80 0.6
1.0s 18.00nm 4.7mb
KMI 41.53 321 Pd 54 28.50 1.0
1.5s 80.00nm 5.2mb
pP 54 34.50 20km
CD2 45.26 327 eP 54 57.00 -0.6
XAN 45.33 335 Pd 54 57.70 -0.4
1.2s 17.00nm 4.9mb
pP 55 06.00 28km
sP 55 11.10
TIY 47.25 341 eP 55 14.00 0.8
BJI 48.32 345 eP 55 21.00 -0.4
1.3s 20.00nm 5.0mb
SHL 49.28 312 eP 55 28.50 -0.9
eS 63 29.00

LZH 49.32 331 eP 55 30.00 0.5
1.4s 34.00nm 5.2mb
pP 55 36.50 22km
HHC 50.37 341 Pd 55 37.80 0.4
1.2s 20.00nm 5.0mb
CN2 50.45 355 eP 55 38.60 0.8
0.6s 5.60nm 4.7mb
LSA 52.25 316 iPc 55 52.50 0.3
0.8s 8.00nm 4.7mb
GTA 53.89 331 P 56 03.00 -0.8
1.2s 8.00nm 4.6mb
GUN 55.05 311 P 56 12.20 -0.6
PKI 55.23 310 P 56 13.00 -1.1
KKN 55.44 310 P 56 14.80 -0.6
DMN 55.48 310 P 56 15.00 -0.8
GKN 56.03 310 P 56 19.00 -0.7
GBA 56.31 291 P 56 21.60 0.0
HYB 56.53 296 eP 56 21.40 -1.9
WMO 63.35 327 Pc 57 09.50 -0.1
1.0s 15.00nm 5.1mb
sP 57 25.50
SPA 83.35 180 iPd 59 05.50 -0.8
0.9s 44.55nm 5.6mb
GEC2 112.44 320 PKP 05 15.00 -0.9
0.5s 0.54nm
KIC 135.44 272 PKP 06 01.20 0.4
LIC 135.72 272 PKP 06 02.00 0.6
TIC 135.73 273 PKP 06 02.00 0.6
YJA 147.36 152 ePKPd 06 23.50 1.3
VAO 150.38 185 (PKP) 06 45.00 18.6X
CNCB 150.41 142 iPKPc 06 34.00 6.8X
LPB 150.55 142 PKPc 06 33.90 6.6X
ZOB0 150.72 141 PKP 06 34.00 6.2X
CCH 151.03 146 ePKP 06 34.00 6.2X
S.D. = 1.1 on 39 of 49 obs.

* DEC 23, 1992 05h 56m 19.82±1.07s
0.687 N ± 12.9km 121.526 E ± 12.1km
DEPTH = 91.1 ± 13.2 km
5.0mb (4 obs.)
MINAHASSA PENINSULA, SULAWESI (265)

MNI 3.40 77 iPc 57 11.50 -0.2
eS 57 47.00
TSM 5.11 315 iPd 57 34.70 -0.8
0.3s 616.40nm 6.3mb X
e 58 28.00
MKS 6.21 199 iPd 58 02.50 11.8X
KKM 7.51 315 ePc 58 09.40 0.7
0.3s 42.80nm 5.5mb
e 59 31.50
MTN 16.48 145 iPc 00 08.10 1.2
WB2 24.05 149 iPd 01 26.70 -1.1
0.6s 53.50nm 5.2mb
ASPA 27.03 154 iPc 01 54.40 -1.1
0.5s 20.50nm 4.9mb
ARMA 42.16 140 iPd 04 05.60 0.4
0.9s 11.00nm 4.7mb
GUN 43.56 312 P 04 17.00 0.1
PKI 43.74 311 P 04 18.40 0.1
KKN 43.95 311 P 04 20.00 0.1
DMN 43.99 311 P 04 20.40 0.1
CAN 44.06 147 iPd 04 20.40 -0.1
CNB 44.25 147 eP 04 22.60 0.5
GKN 44.54 311 P 04 24.60 -0.1
S.D. = 0.7 on 14 of 15 obs.

? DEC 23, 1992 06h 32m 06.31±1.04s
14.700 N ± 7.9km 60.927 W ± 10.7km
DEPTH = 10.0km (geophysicist)
WINDWARD ISLANDS (95)
ML 2.3 (FDF).

CRM 0.05 11 iPc 32 08.57 0.1
S 32 14.40
MVM 0.15 168 iPc 32 09.62 -0.1
S 32 16.60
FDF 0.22 279 iPd 32 10.95 -0.1
S 32 18.40
BIM 0.23 217 iPd 32 11.43 0.2
S 32 19.20
S.D. = 0.3 on 4 of 4 obs.

% DEC 23, 1992 07h 08m 29.20±2.19s
31.636 S ± 9.9km 68.850 W ± 17.8km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCV 0.35 130 iPd 08 36.90 0.5
RTLL 0.45 47 iPd 08 37.60 -0.7
CFA 0.52 87 iPd 08 39.20 -0.6
S 08 46.00
RTPR 2.41 57 e(P)d 09 10.50 1.3
RFA 3.14 174 e(P) 09 19.30 -0.4
(S) 10 07.50
S.D. = 1.2 on 5 of 5 obs.

DEC 23, 1992 07h 18m 49.46±0.62s
10.609 N ± 6.6km 84.692 W ± 6.0km
DEPTH = 162.3 ± 6.3 km
4.6mb (42 obs.)

COSTA RICA (78)

BRU 2.76 130 eP 19 36.31 1.0
eS 20 11.65
DVD 3.09 134 iPc 19 39.01 0.0
eS 20 16.75
ECO 5.08 104 eP 20 02.41 -2.5
UPA 5.34 107 eP 20 03.55 -4.8X
eS 21 10.44
SDV 13.96 96 eP 22 04.90 3.1X
TOV 14.69 92 iPc 22 15.90 5.1X
PPM 15.87 304 iP 22 27.50 1.6
GUAN 18.75 90 iP 22 58.50 -0.3
HBF 22.57 9 eP 23 37.40 0.7
e 24 06.14
SGS 22.80 9 eP 23 40.70 1.8
PRM 23.46 5 eP 23 46.44 1.1
JSC 23.77 7 eP 23 49.55 1.3
e 24 17.99
LHS 24.02 8 eP 23 51.75 1.1
UYO 25.09 341 iPc 23 59.90 -0.8
MIAR 25.17 343 eP 24 01.33 -0.1
0.7s 24.16nm 4.9mb
ePP 24 36.35

OLY 25.54 347 eP 24 04.26 -0.5
CEH 25.68 11 eP 24 06.48 0.5
0.4s 41.16nm 5.4mb
i 24 06.80
ePP 24 36.63

NAV 26.82 7 eP 24 16.92 0.4
ELC 26.87 352 eP 24 15.88 -1.0
RLO 27.11 341 eP 24 18.00 -1.1
TUL 27.13 340 iPd 24 18.10 -1.1
0.4s 7.90nm 4.7mb
LNO 27.13 340 iPd 24 18.00 -1.1
LNO2 27.13 340 eP 24 17.90 -1.3
LNO3 27.13 340 e(P) 24 18.00 -1.2
MEO 27.20 334 iPc 24 19.00 -0.9
FVM 27.74 350 eP 24 23.76 -1.0
0.6s 21.23nm 5.0mb
i 26 26.60

CVL 27.82 11 ePd 24 25.83 0.4
ALO 31.31 324 eP 24 56.15 -0.4
0.5s 1.92nm 4.1mb
ZOB0 31.35 148 P 25 01.00 3.4X
LPB 31.57 148 eP 25 01.00 1.7
TBR 31.78 15 eP 25 01.27 0.9
CNCB 31.86 149 P 25 01.90 -0.1
e 27 50.00

PV08 35.13 326 eP 25 29.07 -0.6
PV10 35.21 326 eP 25 28.85 -1.3
PV09 35.34 326 eP 25 31.74 0.4
EEO 36.23 7 ePd 25 40.80 2.5
MSU 37.09 323 (P) 25 46.10 0.1
PLM 37.19 313 eP 25 48.20 1.4
RSSD 37.35 337 eP 25 48.02 0.0
0.9s 4.57nm 4.2mb
ARUT 37.39 321 eP 25 48.99 0.6
DUG 38.58 325 eP 25 58.79 0.5
BW06 38.69 330 eP 25 58.16 -1.1
0.7s 1.88nm 3.9mb

CBM 38.83 18 eP 26 00.96 0.9
LMN 39.01 22 eP 26 05.50 3.9X
TNP 39.96 319 (P) 26 10.30 0.5
ULM 40.59 349 ePd 26 15.20 0.7
BONR 40.60 318 eP 26 16.34 1.2
BAO 44.73 125 e(P) 26 48.00 -0.6
e 26 50.00
e 26 52.50
e 26 55.40
LGPM 45.14 319 (P) 26 50.42 -1.1
FCC 48.58 353 eP 27 20.00 2.1
YKA 56.11 344 eP 28 11.10 -2.7
0.6s 2.70nm 4.3mb

23d 07h

RES 64.31 357 eP 29 08.00 -1.2
0.7s 7.00nm 4.7mb
DCN 74.05 37 iPd 30 08.50 -0.5
DMU 74.30 37 iPd 30 10.00 -0.5
0.8s 58.00nm 5.4mb
DLF 74.49 38 eP 30 11.20 -0.4
EKA 76.54 36 Pc 30 22.00 -1.1
0.7s 12.30nm 4.7mb
LPF 77.96 43 eP 30 31.00 -0.1
0.6s 8.85nm 4.7mb
GRR 78.07 43 eP 30 31.70 0.0
0.7s 33.05nm 5.2mb
FLN 78.30 42 eP 30 33.00 0.1
0.8s 25.80nm 5.0mb
LDF 78.55 42 eP 30 34.30 0.0
0.8s 33.30nm 5.1mb
MFF 78.64 44 eP 30 34.80 0.0
0.8s 14.50nm 4.8mb
TIC 78.69 85 P 30 36.10 0.4
0.8s 23.00nm 5.0mb
LIC 78.75 86 P 30 36.30 0.2
KIC 79.01 86 P 30 37.60 0.1
0.8s 24.00nm 5.0mb
EPF 79.23 48 eP 30 38.60 0.4
0.8s 11.80nm 4.7mb
LFF 79.38 46 eP 30 39.00 0.2
0.7s 13.55nm 4.8mb
LPO 79.71 46 eP 30 40.80 0.2
0.8s 13.15nm 4.7mb
RJF 79.89 46 eP 30 41.50 -0.1
0.8s 7.10nm 4.4mb
TCF 80.29 45 eP 30 43.30 -0.4
0.6s 8.30nm 4.6mb
MAF 80.54 45 eP 30 44.80 -0.2
0.8s 7.95nm 4.5mb
BGF 80.71 44 eP 30 45.50 -0.3
0.7s 15.20nm 4.8mb
AVF 81.03 44 eP 30 46.90 -0.6
0.8s 5.50nm 4.3mb
SSF 81.11 44 eP 30 47.30 -0.6
0.7s 5.50nm 4.4mb
LOR 81.32 44 eP 30 48.60 -0.5
0.8s 6.30nm 4.4mb
SMF 81.38 44 eP 30 48.70 -0.7
0.6s 4.25nm 4.4mb
LBF 81.43 44 eP 30 49.50 -0.2
0.5s 2.25nm 4.2mb
WLF 82.55 41 P 30 56.00 0.7
WTS 82.66 39 eP 30 56.00 0.2
0.8s 30.00nm 5.1mb
HAU 82.90 43 eP 30 57.10 -0.1
0.8s 10.75nm 4.7mb
BSF 83.22 43 eP 30 58.60 -0.4
0.7s 7.95nm 4.6mb
NBO 83.45 29 P 30 59.60 -0.1
0.9s 6.60nm 4.4mb
CDF 83.46 42 eP 31 00.00 -0.1
0.7s 5.50nm 4.5mb
LPL 83.52 45 eP 31 01.10 0.4
0.5s 1.70nm 4.1mb
LPG 83.53 45 eP 31 01.40 0.5
0.9s 4.60nm 4.3mb
LRG 83.56 47 eP 31 00.90 0.3
0.9s 11.95nm 4.7mb
LMR 83.68 47 eP 31 01.00 -0.2
SBF 84.27 47 eP 31 04.40 0.2
0.7s 7.70nm 4.6mb
PGF 85.62 48 eP 31 11.00 -0.1
0.8s 13.95nm 4.8mb
GRF 85.80 40 eP 31 12.30 0.6
1.5s 24.00nm 4.8mb
MOX 85.86 39 e(P) 31 12.60 0.7
KHC 87.42 41 eP 31 19.50 -0.1
GEC2 87.56 41 Pd 31 20.80 0.4
0.8s 3.33nm 4.3mb
ZST 89.92 41 eP 31 31.60 0.3
GKN 140.25 15 PKP 37 55.80 -5.7X
GUN 140.64 13 PKP 37 56.00 -6.5X
PKI 140.85 14 PKP 37 57.00 -5.8X
ASPA 141.04 245 ePKP 37 57.10 -5.8X
1.0s 6.60nm
WB2 141.29 251 iPKPc 37 58.90 -4.5X
0.5s 8.00nm
WRA 141.30 251 PKP 37 59.00 -4.4X
0.7s 1.30nm
GBA 150.11 37 PKP 38 24.00 6.1X
S.D. = 0.9 on 88 of 100 obs.

DEC 23, 1992 07h 21m 02.07±0.54s
51.864 N ± 9.8km 166.745 W ± 6.8km
DEPTH = 33.0km (normal)
4.2mb (6 obs.)

SOUTH OF ALEUTIAN ISLANDS (16)

SDN 5.10 44 iPc 22 17.17 -0.9
eS 23 13.76
ADK 6.16 274 eP 22 30.70 -2.3
KDC 10.11 49 eP 23 24.54 -3.3X
SVW 11.10 29 eP 23 41.10 -0.4
TTA 12.49 23 eP 23 59.85 -0.3
0.9s 7.03nm 4.8mb X
PMS 13.30 38 eP 24 08.00 -2.9X
PMR 13.68 38 eP 24 12.37 -3.4X
0.6s 9.72nm 4.8mb
TOA 15.12 39 ePc 24 31.90 -2.8X
IMA 15.70 20 eP 24 42.51 0.3
0.9s 13.91nm 4.1mb
FBA 16.31 30 eP 24 45.99 -3.9X
0.6s 4.35nm 3.8mb
BRW 20.02 9 eP 25 35.00 0.6
DUG 38.37 86 eP 28 22.00 0.2
BW06 38.90 80 eP 28 25.78 -0.5
0.6s 1.58nm 4.0mb
SRU 40.44 86 eP 28 38.90 0.0
PV09 41.67 85 eP 28 48.69 -0.5
PV10 41.80 85 eP 28 50.50 0.3
GUN 78.38 300 PKP 33 02.60 1.5
KKN 78.80 301 PKP 33 04.40 1.1
PKI 78.90 301 PKP 33 04.00 0.0
GKN 78.97 301 PKP 33 05.40 1.3
DMN 79.03 301 PKP 33 04.60 0.0
GEC2 79.67 360 P 33 09.50 2.0X
0.6s 0.89nm 3.9mb
e 33 12.80
KBA 81.44 360 iPd 33 19.50 2.6X
0.7s 7.00nm 4.8mb
i 33 22.70
ASPA 91.34 232 P 34 05.19 -0.3
S.D. = 1.0 on 17 of 24 obs.

% DEC 23, 1992 07h 24m 38.37±1.71s
18.112 N ±13.4km 67.121 W ±15.4km
DEPTH = 33.0km (normal)

MONA PASSAGE (89)

MGP 0.11 163 P 24 44.20 0.0
LRS 0.32 55 P 24 46.00 -0.4
S 24 50.00
PORP 0.46 97 P 24 47.90 -0.6
APR 0.50 48 P 24 49.10 0.1
CLLP 0.52 93 P 24 48.80 -0.4
S 48 54.10
CPD 1.15 93 P 24 59.00 0.8
S 25 12.40
LPR 1.21 80 P 24 59.60 0.6
S.D. = 0.6 on 7 of 7 obs.

DEC 23, 1992 07h 58m 53.41±0.56s
4.688 S ± 5.0km 144.248 E ± 5.1km
DEPTH = 117.1 ± 5.4 km
4.8mb (14 obs.)

NEAR N COAST OF NEW GUINEA, PNG. (200)

WWKK 1.23 329 iPd 59 19.60 1.7
MDG 1.63 110 iPd 59 21.40 -1.1
YYYY 2.31 132 eP 59 31.50 0.2
FINC 4.07 118 iPd 59 56.50 1.7
PMG 5.51 149 iPc 00 12.50 -1.9
eS 01 13.00
RAB 7.91 87 eP 00 47.50 0.3
MTN 15.28 237 iPd 02 24.00 -0.1
CTA 15.43 173 P 02 33.79 7.8X
SVO 16.07 107 eP 02 34.00 0.0
HNR 16.27 108 eP 02 35.00 -1.5
QIS 16.41 196 eP 02 41.50 3.3X
WB2 17.97 212 iPc 02 55.40 -1.9
0.6s 26.00nm 4.7mb
eS 06 09.10
WRA 17.97 212 P 02 56.20 -1.2
ASPA 21.35 207 eP 03 33.50 0.8
0.8s 21.60nm 4.6mb
eS 07 28.30
RMO 22.10 169 iPd 03 43.50 3.4X
0.4s 16.00nm 4.7mb

ARMA 26.52 166 iPd 04 23.10 1.1
0.8s 10.00nm 4.4mb
CMS 26.70 177 eP 04 22.00 -1.5
BKM 26.79 121 iPd 04 24.00 -0.5
WARB 27.22 216 iPc 04 29.30 1.0
DZM 27.58 131 iPc 04 31.20 -0.5
MBL 28.81 233 eP 04 27.00 -15.6X
CAN 30.80 172 eP 05 00.80 0.7
CNB 30.84 172 eP 05 02.60 2.1
0.5s 9.00nm 4.8mb
SSE 41.84 330 eP 06 33.80 0.5
URZ 44.84 143 P 06 58.30 0.8
THZ 44.91 149 P 07 00.40 2.3
HBZ 45.15 141 P 07 00.80 0.8
TCW 45.22 148 P 07 01.00 0.5
LTZ 45.36 151 P 07 02.30 0.7
PUZ 45.42 142 P 07 02.10 0.0
MNG 45.46 146 P 07 02.70 0.3
MRW 45.47 148 eP 07 01.80 -0.6
CAW 45.58 147 P 07 03.00 -0.3
BWZ 45.62 154 P 07 03.30 -0.2
NOZ 45.62 142 eP 07 03.50 -0.2
KHZ 45.71 150 eP 07 04.10 -0.2
MTW 45.85 147 P 07 05.30 -0.1
MOW 45.89 147 P 07 05.20 -0.6
TUZ 46.66 156 P 07 12.40 0.7
CD2 52.41 315 eP 07 57.00 0.9
GTA 60.00 321 eP 08 49.50 -0.6
GUN 64.86 304 P 09 22.00 -0.9
0.5s 16.00nm 5.2mb
PKI 65.14 303 P 09 25.80 1.2
KKN 65.32 303 P 09 25.00 -0.6
0.6s 24.00nm 5.3mb
DMN 65.40 303 P 09 25.80 -0.4
0.5s 15.00nm 5.2mb
GKN 65.93 303 P 09 28.60 -0.8
0.5s 21.00nm 5.3mb
HYB 68.44 291 eP 09 58.50 13.3X
GBA 68.74 286 P 09 46.60 -0.4
PMR 83.23 26 eP 11 07.50 -0.2
0.8s 15.86nm 5.0mb
IMA 83.32 21 eP 11 08.69 0.4
1.0s 3.25nm 4.2mb
FBA 85.06 23 eP 11 15.36 -1.5
0.7s 4.93nm 4.5mb
SPA 85.34 180 iPc 11 18.70 0.3
0.9s 29.09nm 5.2mb
i 11 45.00
YKA 99.29 27 eP 12 21.70 -1.3
0.7s 0.70nm 4.4mb
GEC2 119.27 325 PKP 17 29.70 -0.8
0.5s 0.46nm
BCAO 125.90 272 iPKPc 17 44.60 0.4
0.7s 6.00nm
YJA 140.50 134 ePKPc 18 05.30 -6.7X
CNCB 141.65 125 PKP 18 09.20 -5.1X
LPB 141.69 124 ePKP 18 04.00 -10.2X
ZOB0 141.79 124 PKP 18 10.20 -4.5X
CCH 142.83 127 PKP 18 12.00 -4.0X
SDV 145.13 81 iPKPd 18 19.50 -0.4
TOV 145.87 80 ePKP 18 21.20 0.2
KIC 149.09 275 PKP 18 30.60 4.5X
0.3s 4.00nm
TIC 149.36 275 PKP 18 31.10 4.6X
0.4s 9.00nm
LIC 149.38 274 PKP 18 31.20 4.7X
0.4s 10.50nm
VAO 150.38 159 ePKP 18 34.40 6.6X
e 18 35.50
BAO 156.45 149 PKPc 18 38.00 1.4
e 18 48.00
e 19 06.20
e 19 08.20
S.D. = 1.0 on 53 of 67 obs.

DEC 23, 1992 08h 53m 50.05±0.98s
43.402 N ± 5.6km 5.413 E ± 6.9km
DEPTH = 9.6 ± 3.6 km

NEAR SOUTH COAST OF FRANCE (379)

GELF 0.02 150 Pg 53 51.90 -0.1
BERF 0.22 114 Pg 53 54.91 0.0
TREF 0.22 355 Pg 53 54.30 -0.5
PUYF 0.25 58 Pg 53 54.23 -1.1
PRAF 0.44 336 Pg 53 59.11 0.1
VILF 0.50 26 Pg 53 59.87 -0.3
TAVF 0.52 65 Pg 53 59.71 -0.8

CALN	1.13	71	Pg	54	11.75	0.4
MVIF	1.36	68	Pn	54	15.28	0.1
			Sg	54	34.18	
TOUF	1.46	65	Pn	54	17.02	0.3
AURF	1.47	70	Pn	54	17.23	0.5
SBF	1.54	72	Pn	54	17.78	0.1
			Sg	54	39.14	
AUTN	1.58	67	Pn	54	18.58	0.2
			Sg	54	41.24	
SAOF	1.66	69	Pn	54	19.29	-0.1
DOI	1.72	50	P	54	21.40	1.0
			eSn	54	45.60	
BNI	1.88	28	P	54	25.60	2.9X
			eSn	54	50.50	
CKI	2.31	63	P	54	29.60	0.8
			eSn	55	01.40	
PGF	2.77	107	Pn	54	34.18	-1.2
S.D. = 0.7 on 17 of 18 obs.						

DEC 23, 1992 08h 57m 18.85 ± 1.00s
 10.415 S ± 7.2km 161.687 E ± 8.5km
 DEPTH = 80.2 ± 9.7 km
 4.6mb (8 obs.)

SOLOMON ISLANDS (193)

HNR	1.97	300	iPc	57	50.50	-0.4
			iS	58	12.00	
SVO	2.23	304	iP	57	54.50	0.0
			iS	58	17.00	
BKM	9.61	139	iPc	59	36.50	-0.1
			iS	01	22.00	
DZM	12.46	159	iPc	00	14.10	-0.6
			iS	02	29.60	
PMG	14.35	273	eP	00	40.00	0.6
CTA	17.71	235	iPd	01	23.50	1.7
					4.7mb	
RMQ	20.12	216	iPd	01	49.90	1.0
					5.0mb	
ARMA	22.00	204	eP	02	09.30	1.5
CMS	25.61	213	iPd	02	42.90	0.5
					4.7mb	
BWA	26.80	205	iPd	02	53.00	-0.4
CNB	27.21	202	eP	02	55.50	-1.6
CAN	27.35	203	eP	02	59.20	0.8
WB2	27.99	247	iPc	03	03.20	-1.1
					4.6mb	
WRA	28.00	247	P	03	03.70	-0.7
ASPA	29.58	240	iPd	03	17.30	-1.3
					4.4mb	
WARB	36.63	240	iPc	04	18.40	-1.0
MBL	41.55	250	eP	04	46.00	-14.3X
CN2	63.22	331	eP	07	40.00	0.0
					4.4mb	
LZH	71.41	314	eP	08	47.50	14.7X
					15.00nm	
GTA	75.78	315	eP	08	58.00	0.0
FBA	84.01	19	eP	09	42.50	1.2
					4.8mb	
YKA	96.26	28	eP	10	39.00	-0.1
					4.1mb	
BCAO	143.00	264	iPKPc	16	42.10	-4.0X
					5.00nm	
S.D. = 1.0 on 20 of 23 obs.						

% DEC 23, 1992 09h 03m 38.74 ± 0.61s
 42.519 N ± 4.2km 18.660 E ± 5.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).

HCY	0.14	239	iPg	03	42.17	0.1
			iSg	03	44.78	
BDV	0.27	152	iPg	03	44.60	0.2
			iSg	03	48.87	
NKY	0.39	40	iPg	03	46.53	-0.2
			iSg	03	52.96	
BRY	0.39	347	iPg	03	46.60	-0.2
			iSg	03	52.77	
TTG	0.45	101	iPg	03	47.78	-0.2
			iSg	03	54.91	
ULC	0.71	142	iPg	03	52.21	-0.5
			iSg	04	03.20	
PVY	0.97	85	iPg	03	57.48	0.2
			iSg	04	12.41	
PLE	0.97	33	iPg	03	57.41	0.1
			iSg	04	12.34	
IVA	0.98	68	iPg	03	57.74	0.4

S.D. = 0.3 on 9 of 9 obs.
 & DEC 23, 1992 09h 43m 56.09s
 36.165 N 118.119 W
 DEPTH = 2.3km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 2.8 (PAS).

ISA	0.58	210	ePc	44	06.98	-0.6
			S	44	14.55	
MTUM	1.24	343	eP	44	18.43	-1.5
GSC	1.37	128	eP	44	20.37	-1.8
MEMM	1.64	337	eP	44	25.81	-0.1
TPNV	1.70	62	(P)	44	25.68	-1.3
BONR	1.79	355	ePn	44	27.17	-1.3
BCH	1.88	239	eP	44	27.21	-2.3
PHAM	1.88	261	eP	44	29.00	-0.5
TNP	2.04	20	ePn	44	31.40	-0.7
PEC	2.40	161	(P)	44	34.06	-3.0
CMB	2.60	317	ePn	44	39.75	-0.1
			S	45	13.61	
ARN	2.99	294	(P)	44	45.94	0.6
ARUT	4.08	65	(Pn)	44	58.22	-2.8
			ePg	45	11.52	
13 obs. associated						

% DEC 23, 1992 09h 55m 09.12 ± 0.64s
 40.651 N ± 4.9km 22.991 E ± 5.7km
 DEPTH = 5.0km (geophysicist)
 GREECE (364)

THE	0.03	227	ePg	55	10.37	0.1
			eSg	55	11.48	
SOH	0.32	58	ePg	55	15.68	0.0
			eSg	55	21.76	
KNT	0.52	352	ePg	55	19.52	0.1
			eSg	55	27.36	
GRG	0.54	305	ePg	55	19.88	-0.1
			eSg	55	27.48	
LIT	0.67	215	ePg	55	22.56	0.0
PAIG	0.89	144	ePg	55	26.64	-0.1

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

% DEC 23, 1992 09h 59m 16.10 ± 0.85s
 38.734 N ± 7.6km 15.500 E ± 15.0km
 DEPTH = 33.0km (normal)

ATN	0.57	183	P	59	28.80	1.0
SOI	0.79	146	Pd	59	30.30	-0.5
			eSg	59	46.50	
MNO	1.02	219	P	59	33.70	-0.6
TDS	1.13	35	P	59	35.50	-0.1
MGR	1.40	2	P	59	39.80	0.3

S.D. = 0.9 on 5 of 5 obs.

% DEC 23, 1992 10h 08m 43.65 ± 2.18s
 39.230 N ± 17.4km 28.701 E ± 12.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 3.0 (ISK).

DST	0.38	351	iPg	08	50.90	-0.6
			eSg	08	54.90	
KCT	1.05	346	iPn	09	03.60	0.1
ALT	1.11	99	ePn	09	04.40	-0.1
BNT	1.28	332	ePn	09	08.00	0.7
EDC	1.29	330	ePn	09	07.00	-0.5
YLV	1.43	21	ePn	09	09.90	0.2
GPA	1.63	49	ePn	09	12.00	-0.5
EYL	1.74	40	ePn	09	15.00	0.8

S.D. = 0.6 on 8 of 8 obs.

DEC 23, 1992 10h 54m 52.90 ± 0.52s
 23.754 S ± 9.7km 17.410 E ± 9.8km
 DEPTH = 10.0km (geophysicist)
 5.0mb (21 obs.)

NAMIBIA (578)

WIN	1.22	346	iPd	55	16.00	0.3
FRS	9.25	132	iPd	57	08.70	-0.6
			S	58	45.00	
BLF	9.50	126	eP	57	12.50	-0.5
					7.2mb X	
SLR	10.08	104	eP	57	19.50	-1.4
			S	59	06.00	

LWI 24.06 29 iPc 00 10.80 1.2
 BAO 28.04 2 iPc 00 44.40 -2.0
 0.7s 12.00nm 4.8mb

KIC	36.93	321	P	02	03.00	-1.0
			ic	03	08.20	
TIC	37.32	321	P	02	06.60	-0.7
LRG	67.64	351	eP	05	53.80	1.8
FRF	67.71	352	eP	05	54.20	1.8
GBA	69.42	64	P	06	04.40	0.8
LPG	69.60	352	eP	06	04.80	0.4
					5.0mb	
LPL	69.62	352	eP	06	04.60	0.1
					5.0mb	
KBA	70.59	357	iPd	06	10.00	-0.3
					5.1mb	
			i	06	16.30	

MAF	70.93	349	eP	06	11.90	-0.3
					4.9mb	
TCF	71.06	349	eP	06	12.70	-0.3
SMF	71.13	350	eP	06	12.90	-0.5
					4.8mb	
AVF	71.35	350	eP	06	14.20	-0.5
					4.8mb	
LBF	71.44	350	eP	06	14.30	-1.0
					4.7mb	

SSF 71.59 350 eP 06 15.30 -0.9
 1.0s 12.80nm 5.0mb

LOR 71.74 350 eP 06 16.10 -0.9
 0.9s 7.35nm 4.8mb

MFF 71.81 347 eP 06 17.20 -0.2
 1.2s 28.25nm 5.2mb

BSF 71.89 352 eP 06 17.10 -0.9
 HAU 72.11 352 eP 06 18.40 -0.9
 GEC2 72.34 357 P 06 20.20 -0.5

0.7s 1.26nm 4.1mb
 HYB 72.36 61 eP 06 21.50 0.1
 CDF 72.41 353 eP 06 19.80 -1.3

GRF 73.32 356 eP 06 26.30 0.0
 WLF 73.77 352 P 06 26.00 -2.8X
 DOU 74.39 351 Pc 06 32.20 -0.3

SNF 74.84 351 P 06 35.50 0.4
 ZOBO 79.63 257 P 07 04.80 1.6
 EKA 80.71 348 P 07 08.00 0.6

0.9s 10.40nm 4.8mb
 GKN 82.73 55 P 07 19.40 0.7
 0.9s 34.00nm 5.5mb

DMN 82.88 56 P 07 20.60 0.9
 0.9s 23.00nm 5.4mb
 PKI 83.09 56 P 07 21.60 0.8

0.9s 23.00nm 5.4mb
 KKN 83.11 56 P 07 21.80 1.0
 0.8s 28.00nm 5.5mb

GUN 83.62 56 P 07 24.40 0.8
 0.8s 17.00nm 5.3mb
 HFS 83.63 358 eP 07 22.10 -0.3

0.6s 2.20nm 4.6mb
 NAO 84.44 357 P 07 27.00 0.5
 0.9s 5.00nm 4.7mb

KAF 85.86 4 iP 07 34.60 1.1
 0.6s 8.50nm 5.1mb
 ULM 122.66 316 ePKP 13 53.00 2.9X

YKA 129.75 333 ePKP 14 03.00 -0.4X
 0.7s 1.10nm
 S.D. = 0.9 on 40 of 43 obs.

? DEC 23, 1992 11h 50m 45.86 ± 10.84s
 38.884 N ± 58.6km 12.274 E ± 65.8km
 DEPTH = 10.0km (geophysicist)

SICILY (398)

ERC 0.88 164 P 51 01.20 -1.6
 0.9s 51 09.20
 LVI 0.90 177 P 51 03.20 0.1

0.9s 51 13.30
 CVT 1.27 161 P 51 10.50 1.1
 0.9s 51 23.50

GIB 1.64 122 P 51 14.90 0.0
 MCT 1.65 139 P 51 16.70 1.6
 0.9s 51 33.90

MNO 2.13 116 P 51 22.30 0.2
 ATN 2.60 105 P 51 28.60 -0.1
 MEU 2.75 129 P 51 29.80 -1.1

S.D. = 1.2 on 8 of 8 obs.

* DEC 23, 1992 11h 53m 49.56 ± 1.61s
 20.211 S ± 12.4km 69.587 W ± 19.9km

23d 11h

DEPTH = 102.2 ± 19.0 km
4.0mb (1 obs.)
NORTHERN CHILE (123)

CNCB	3.71	25	iPc	54	46.00	-0.4
LPB	3.92	21	P	54	50.30	1.1
ZOBO	4.14	20	P	54	51.80	-0.6
ARE	4.14	334	eP	54	52.00	-0.1
			iS	55	39.90	
YJA	4.28	118	ePc	54	53.50	-0.6
CCH	4.31	50	P	54	50.70	-3.7X
HJA	4.90	128	ePc	55	02.80	0.6
YKA	89.77	341	eP	06	37.20	0.0
	0.8s	1.10nm			4.0mb	

S.D. = 0.9 on 7 of 8 obs.

% DEC 23, 1992 12h 20m 57.88 ± 2.49s
39.289 N ± 14.7km 21.718 E ± 20.8km
DEPTH = 5.0km (geophysicist)
GREECE (364)

AGG	0.55	119	ePg	21	08.80	0.0
			eSg	21	16.20	
LIT	1.01	36	ePg	21	17.08	-0.3
			eSg	21	28.80	
FNA	1.52	350	ePb	21	25.48	-0.3
			eSb	21	44.80	
GRG	1.75	17	ePb	21	29.46	0.4
KNT	2.08	25	ePb	21	33.96	0.2

S.D. = 0.4 on 5 of 5 obs.

* DEC 23, 1992 12h 33m 10.65 ± 3.11s
41.573 N ± 24.7km 22.339 E ± 8.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.2 (SKO).

VAY	0.31	145	iPg	33	17.30	0.3
			iSg	33	23.00	
KNT	0.59	134	ePg	33	22.04	-0.5
			eSg	33	31.16	
GRG	0.62	176	ePg	33	22.92	-0.2
SRS	1.05	115	ePg	33	30.44	0.0
			eSg	33	44.12	
SOH	1.07	134	ePg	33	31.20	0.3
			eSg	33	46.32	
FNA	1.07	223	ePg	33	30.96	0.1

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

& DEC 23, 1992 12h 38m 24.33s
34.682 N 118.478 W
DEPTH = 10.6km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 3.1 (GS).
Felt (IV) at Lake Hughes.

SSK	0.80	126	eP	38	39.18	-0.8
ISA	0.98	0	ePd	38	41.81	-1.1
PEC	1.35	125	ePc	38	47.46	-1.6
BCH	1.41	291	ePn	38	48.75	-1.3
GSC	1.51	65	ePn	38	50.02	-1.4
			S	39	12.26	
PLM	1.89	134	eP	38	55.19	-1.8
PHAM	1.95	307	eP	38	56.65	-1.1
MTUM	2.67	359	ePn	39	08.81	0.6
TPNV	2.90	38	(Pn)	39	11.42	0.0
			ePg	39	18.90	
MRCM	2.98	360	ePg	39	17.92	5.2
MEMM	3.00	353	(Pn)	39	13.55	0.9
			ePg	39	18.46	
BONR	3.27	2	ePn	39	16.08	-0.8
			ePg	39	23.65	
CMB	3.68	336	eP	39	22.64	0.1
ARUT	5.12	51	ePn	39	42.63	-0.3
			ePg	39	58.31	

14 obs. associated

* DEC 23, 1992 13h 53m 53.49 ± 0.57s
56.085 S ± 12.8km 27.348 W ± 13.7km
DEPTH = 33.0km (normal)
5.3mb (3 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	34.10	180	iPc	00	38.40	1.6
	0.5s	24.07nm			5.4mb	
CNCB	49.80	305	P	02	46.00	0.4
LPB	50.09	305	P	02	48.90	1.2

ZOBO	50.32	305	iPc	02	49.60	-0.1
ARE	51.74	302	e(P)	03	00.00	-0.1
LIC	64.76	25	P	04	31.10	0.4
KIC	64.96	25	P	04	32.30	0.3
TIC	65.17	25	P	04	33.80	0.4
BCAO	71.01	49	iPc	05	10.00	0.2
	0.5s	13.00nm			5.3mb	
SDV	73.97	315	iPc	05	26.50	-0.9
ASPA	98.98	163	eP	07	30.60	-1.4
	0.9s	9.40nm			5.3mb	
PV10	116.64	300	ePKP	12	34.20	-1.2
LCCM	123.69	303	ePKP	12	47.60	-0.9
YKA	136.14	318	ePKP	12	54.20	-17.3X
	0.5s	0.40nm				
TOA	149.08	307	ePKPd	13	38.50	4.4X
PMR	150.28	305	ePKP	13	39.43	3.7X
FBA	150.48	312	ePKPc	13	39.19	3.2X
			i	13	47.16	
KDC	150.69	296	ePKP	13	40.64	4.2X
IMA	153.07	313	ePKPc	13	46.80	6.9X
	1.1s	16.00nm				
SVW	153.19	302	ePKP	13	46.30	6.2X
TTA	153.71	306	ePKP	13	47.44	6.6X

S.D. = 1.0 on 13 of 21 obs.

& DEC 23, 1992 13h 59m 34.07s
37.547 N 118.836 W
DEPTH = 6.3km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 2.9 (GM).

MEMM	0.14	326	iPd	59	35.55	-1.6
BONR	0.59	46	iPc	59	43.49	-2.4
			S	59	49.31	
CMB	1.32	292	ePn	59	56.44	-2.4
			eS	00	13.58	
TNP	1.39	67	iPc	59	58.11	-2.0
ISA	1.90	171	eP	00	06.93	-0.5
			iS	00	31.12	
PHAM	2.12	217	(Pn)	00	10.32	-0.2
ARN	2.16	266	(Pn)	00	07.87	-3.2
			ePg	00	10.55	
			eS	00	37.99	
BCH	2.56	204	(P)	00	13.84	-3.1
GSC	2.78	143	eP	00	23.05	3.1
ORV	2.90	315	(P)	00	30.72	9.2
			eS	01	00.78	

10 obs. associated

DEC 23, 1992 14h 52m 49.15 ± 0.47s
45.654 N ± 4.1km 7.793 E ± 4.7km
DEPTH = 10.7 ± 4.2 km
NORTHERN ITALY (545)
ML 2.6 (GEN), 2.5 (LDG).

ORX	0.13	99	P	52	53.60	1.1
MMK	0.42	17	iPc	52	57.20	-0.6
LSD	0.49	247	P	53	00.30	1.1
DIX	0.50	328	ePc	52	58.90	-0.6
RSP	0.63	217	P	53	02.41	0.6
			S	53	11.72	
EMS	0.73	305	ePd	53	03.70	0.1
LPG	0.75	258	Pg	53	04.40	0.5
			Sg	53	14.50	
LPL	0.76	260	Pg	53	04.70	0.6
			Sg	53	14.60	
TMA	0.88	59	ePd	53	05.90	-0.2
BHB	0.89	205	P	53	07.13	0.9
RRL	1.02	225	P	53	09.52	0.9
PCP	1.23	154	P	53	12.26	0.2
PZZ	1.25	203	P	53	10.66	-1.7
ROB	1.36	178	P	53	14.09	0.0
STV	1.45	193	P	53	13.71	-1.7
ENR	1.45	191	P	53	13.87	-1.6
LLS	1.47	34	ePc	53	17.10	1.3
SBF	1.81	188	Pg	53	25.20	4.6X
			Sg	53	49.80	
FRF	2.25	202	Pn	53	28.00	1.1
			Sn	53	56.00	
BSF	2.29	343	Pg	53	32.30	4.8X
			Sg	54	01.40	
HAU	2.55	338	Pg	53	37.50	6.3X
			Sg	54	10.00	
SMF	2.92	291	Pn	53	35.30	-1.1
			Pg	53	44.50	
			Sg	54	21.20	
LBF	2.96	298	Pg	53	45.30	8.3X

Sg 54 23.60
S.D. = 1.1 on 19 of 23 obs.

% DEC 23, 1992 14h 54m 33.69 ± 0.81s
59.331 N ± 6.0km 5.263 E ± 10.3km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)
MD 2.0 (BER).

KMY	0.12	184	iPc	54	36.68	0.0
			eS	54	38.63	
ODD1	0.91	49	eP	54	51.20	0.1
			eS	55	03.62	
EGD	0.94	359	eP	54	51.66	0.0
			eS	55	04.68	
ASK	1.16	358	eP	54	55.49	0.2
			eS	55	10.95	
SUE	1.75	352	iPc	55	04.17	0.0
			eS	55	25.41	
HYA	1.90	14	eP	55	06.01	-0.3
			eS	55	29.96	
NRA0	3.45	63	ePn	55	28.47	0.0
			ePg	55	35.82	
			eLg	56	21.62	

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

* DEC 23, 1992 14h 56m 10.47 ± 1.13s
17.921 N ± 7.9km 145.703 E ± 21.1km
DEPTH = 198.8 ± 10.3 km
4.8mb (4 obs.)

MARIANA ISLANDS (216)

PJG	4.38	191	eP	57	18.00	0.4
GUA	4.42	190	eP	57	18.00	-0.1
	0.3s	176.62nm				
			eS	58	08.00	
MAT	19.69	342	eP	00	26.00	-0.4
PMG	27.19	177	eP	01	36.50	-1.1
WB2	39.24	197	iPd	03	21.40	0.2
	0.6s	25.80nm			5.0mb	
ASPA	42.91	196	iPc	03	50.90	-0.3
	0.5s	32.30nm			5.1mb	
RMO	44.24	176	eP	04	01.50	-0.3
MBL	46.38	214	eP	04	04.40	-14.4X
	0.4s	10.00nm				
WARB	47.59	203	iPd	04	28.80	0.6
NANU	49.90	217	eP	04	46.00	0.2
	0.4s	7.00nm			4.5mb	
BWA	52.12	177	eP	05	02.50	0.1
CAN	53.04	177	eP	05	09.40	0.3
			e	05	51.90	
YKA	78.67	28	eP	07	51.00	-0.5
	0.6s	2.60nm			4.1mb	
LRM	85.30	43	eP	08	27.60	1.1
ZOBO	147.65	92	PKP	15	35.00	3.6X
LPB	147.71	93	ePKP	15	42.00	10.8X
CNCB	147.86	93	PKP	15	36.20	4.6X

S.D. = 0.7 on 13 of 17 obs.

& DEC 23, 1992 16h 35m 44.00s
36.552 N 117.818 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. MD 3.1 (PAS), ML 3.8
(BRK), 3.0 (GS).

ISA	1.03	211	eP	36	02.61	-1.3
TPNV	1.32	72	eP	36	08.18	-0.7
			eS	36	26.42	
MEMM	1.43	321	ePd	36	09.56	-0.9
			S	36	28.38	
BONR	1.45	345	ePd	36	10.25	-0.8
GSC	1.49	146	eP	36	09.30	-2.2
FRI	1.58	287	iPc	36	11.84	-0.7
			eS	36	31.66	
TNP	1.60	17	ePd	36	12.44	-0.6
PHAM	2.21	252	eP	36	22.06	0.3
BCH	2.29	234	ePn	36	22.76	-0.3
PRI	2.33	261	eP	36	24.12	0.5
			eS	36	55.55	
SSK	2.34	177	ePg	36	28.11	4.3
KVN	2.50	355	ePn	36	24.86	-1.2
LLA	2.52	272	iPd	36	27.23	1.1
			eS	36	58.67	
CMB	2.53	307	ePd	36	27.71	1.4
			eS	36	59.84	
PEC	2.71	168	eP	36	25.64	-3.3

PRS 2.87 267 eP 36 31.16 0.0
 SAO 2.92 275 eP 36 32.29 0.4
 ARN 3.08 286 eP 36 34.87 0.7
 MHC 3.16 286 ePc 36 35.90 0.5
 eS 37 22.28
 ARUT 3.71 69 ePn 36 41.30 -1.9
 ePg 36 52.77
 ORV 4.18 317 (Pn) 36 50.86 1.2
 MSU 4.89 65 ePn 36 59.36 -0.8
 22 obs. associated

? DEC 23, 1992 16h 49m 48.35±4.03s
 37.956 S ±29.6km 175.959 E ±15.4km
 DEPTH = 258.7 ± 28.0 km
 NORTH ISLAND, NEW ZEALAND (159)

URZ 0.96 109 Pc 50 23.40 -0.9
 S 50 45.60
 WHH 1.02 156 P 50 24.20 -0.6
 PAHZ 1.25 137 eP 50 26.00 -0.1
 NGZ 1.25 193 P 50 26.40 0.2
 CNZ 1.28 194 P 50 26.60 0.2
 MOH 1.50 142 P 50 28.20 0.4
 THZ 1.72 157 eP 50 30.00 0.5
 NOZ 1.76 113 P 50 30.40 0.6
 WAHZ 1.77 170 Pc 50 30.20 0.3
 BSZ 2.01 203 P 50 32.40 0.5
 MNG 2.68 188 Pc 50 38.40 0.0
 KIW 3.02 195 eP 50 41.70 -0.2
 MTW 3.22 186 eP 50 43.60 -0.5
 CAW 3.22 192 P 50 44.00 -0.2
 DIW 3.25 208 eP 50 44.60 0.1
 MRW 3.41 196 eP 50 46.20 0.0
 eS 51 26.70
 TCW 3.50 201 eP 50 47.20 0.0
 MOW 3.50 189 eP 50 46.40 -0.9
 KHZ 4.83 202 Pc 51 03.40 0.6
 S.D. = 0.5 on 19 of 19 obs.

* DEC 23, 1992 17h 03m 07.43±0.97s
 4.799 S ± 9.3km 153.225 E ± 8.9km
 DEPTH = 68.1 ± 9.0 km
 4.7mb (3 obs.)
 NEW IRELAND REGION, P.N.G. (190)

RAB 1.22 300 iPd- 03 29.20 0.2
 PMG 7.56 232 eP 04 57.00 -0.3
 eS 05 22.00
 HNR 8.10 125 P 05 05.00 0.2
 S 06 45.00
 DZM 21.42 144 iPc 07 51.00 -0.8
 RMO 21.99 191 eP 07 57.50 0.2
 ASPA 26.44 223 eP 08 40.00 0.1
 0.7s 5.40nm 4.2mb
 Z 20s 0.10um 3.4msz
 e 13 17.70
 MBL 36.25 240 eP 09 51.50 -14.6X
 XAN 56.91 316 P 12 47.20 -0.9
 GUN 72.48 301 P 14 41.98 12.4X
 WMO 76.03 317 P 14 49.50 0.2
 0.8s 6.90nm 4.6mb
 SPA 85.23 180 iPc 15 38.20 0.5
 1.1s 44.64nm 5.4mb
 GEC2 124.27 329 PKP 22 00.00 -0.3
 0.9s 0.89nm
 BCAA 134.84 271 iPKPc 22 22.20 0.8
 0.8s 7.00nm
 S.D. = 0.6 on 11 of 13 obs.

& DEC 23, 1992 17h 49m 53.33s
 34.597 N 116.636 W
 DEPTH = 0.0km
 SOUTHERN CALIFORNIA (43)
 <PAS>. ML 2.8 (PAS).

GSC 0.72 349 iPd 50 07.20 -0.4
 PEC 0.83 212 eP 50 09.09 -0.7
 SSK 0.96 247 ePnc 50 11.32 -1.2
 eS 50 24.80
 PLM 1.25 189 ePn 50 16.98 -0.7
 ISA 1.84 306 (Pn) 50 26.17 -0.4
 ePg 50 27.47
 eS 50 52.02
 GLA 2.15 135 eP 50 32.00 1.0
 TPNV 2.37 8 (P) 50 38.38 4.1
 eS 51 08.22
 BCH 2.89 283 (P) 50 43.78 2.1

BONR 3.61 339 (Pn) 50 50.37 -1.6
 ePg 51 02.06
 9 obs. associated

? DEC 23, 1992 17h 52m 49.32±3.10s
 31.562 S ±16.6km 68.906 W ±25.3km
 DEPTH = 118.2 ± 21.7 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.12 50 iPd 53 06.40 0.3
 S 53 17.50
 RTCV 0.43 134 iPd 53 07.10 0.1
 (S) 53 18.00
 RTLL 0.44 58 iPc 53 06.60 -0.4
 S 53 18.00
 CFA 0.57 95 ePc 53 07.80 0.0
 S 53 19.20
 MDZ 1.32 178 e(P) 53 34.10 19.1X
 RTPR 2.41 59 ePc 53 28.50 0.1
 MRA 2.85 108 ePc 53 34.20 0.0
 RFA 3.22 174 iP 53 39.20 -0.1
 (S) 54 14.00
 S.D. = 0.3 on 7 of 8 obs.

% DEC 23, 1992 18h 04m 22.64±2.27s
 39.315 N ±19.3km 28.769 E ±16.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 2.7 (ISK).

DST 0.31 339 iPg 04 28.20 -0.9
 iSg 04 32.70
 KCT 0.99 341 ePg 04 41.50 0.2
 ALT 1.07 104 ePn 04 42.80 -0.1
 BNT 1.23 328 ePn 04 46.00 0.5
 YLV 1.33 20 ePn 04 47.60 0.3
 S.D. = 0.8 on 5 of 5 obs.

? DEC 23, 1992 18h 42m 46.64±1.32s
 12.799 N ±28.1km 40.922 E ±29.5km
 DEPTH = 10.0km (geophysicist)
 3.8mb (1 obs.)

ETHIOPIA (558)
 MD 3.9 (ARO).

KSU 1.96 130 P 43 19.89 -0.4
 DAF 1.97 127 P 43 19.97 -0.4
 SGH 2.15 129 P 43 22.74 -0.4
 GBR 2.23 137 P 43 24.81 0.6
 ARO 2.27 124 P 43 24.88 0.1
 S 43 55.49
 MKL 2.43 116 P 43 27.17 0.2
 ATA 2.60 121 P 43 29.85 0.4
 GEC2 42.41 333 Pd 50 43.10 0.0
 0.7s 1.53nm 3.8mb
 S.D. = 0.5 on 8 of 8 obs.

* DEC 23, 1992 18h 43m 49.30±2.21s
 24.245 N ±11.6km 120.004 E ±20.4km
 DEPTH = 33.0km (normal)
 3.2mb (1 obs.)

TAIWAN (244)

TWK 1.07 155 iPc 44 08.30 0.2
 TWD 1.46 96 ePc 44 13.30 -0.3
 TWF1 1.48 127 ePc 44 13.90 0.0
 TWZ 1.67 59 ePd 44 16.80 0.2
 TWC 1.72 77 ePd 44 17.40 0.0
 TWG 1.72 145 eP 44 17.50 0.1
 WRA 46.09 161 P 52 11.90 -0.2
 0.6s 0.20nm 3.2mb
 S.D. = 0.3 on 7 of 7 obs.

? DEC 23, 1992 18h 44m 39.36±7.03s
 39.201 N ±36.4km 20.267 E ±53.4km
 DEPTH = 10.0km (geophysicist)

GREECE-ALBANIA BORDER REGION (392)

IGT 0.33 9 ePg 44 45.32 -1.0
 eSg 44 49.60
 AGG 1.62 96 ePb 45 07.56 -0.4
 eSb 45 30.44
 FNA 1.80 28 ePb 45 11.52 0.9
 eSb 45 32.04
 LIT 1.94 62 ePb 45 12.84 0.2
 eSb 45 37.88
 OHR 1.95 12 ePn 45 13.20 0.3

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

% DEC 23, 1992 19h 28m 41.99±0.75s
 11.521 N ± 7.9km 42.567 E ± 6.5km
 DEPTH = 10.0km (geophysicist)
 ETHIOPIA (558)
 MD 3.9 (ARO).

DAF 0.09 337 P 28 44.81 0.2
 SGH 0.11 141 P 28 47.81 2.9X
 KSU 0.12 268 P 28 44.81 -0.2
 GBR 0.38 196 P 28 49.74 -0.1
 MKL 0.60 71 P 28 53.59 -0.6
 ATA 0.63 96 P 28 55.07 0.4
 S.D. = 0.5 on 5 of 6 obs.

? DEC 23, 1992 20h 37m 27.17±13.50s
 43.410 N ±52.5km 127.648 W ±94.4km
 DEPTH = 10.0km (geophysicist)
 OFF COAST OF OREGON (30)

FBO 3.78 74 P 38 26.74 0.0
 HBO 3.89 82 P 38 28.68 0.2
 SSOR 4.00 67 P 38 29.16 -0.8
 NLO 4.01 47 P 38 29.83 -0.2
 GT2 4.24 64 P 38 33.37 0.1
 RVW 4.44 50 P 38 35.68 -0.4
 BPO 4.47 72 P 38 36.61 -0.1
 VLMM 4.54 60 P 38 37.22 -0.4
 LVP 4.58 53 P 38 38.48 0.3
 TDH 4.60 64 P 38 38.18 -0.4
 MTMW 4.67 54 P 38 39.55 0.0
 FL2 4.69 52 P 38 39.65 -0.1
 VLL 4.74 62 P 38 40.81 0.3
 SHW 4.75 52 P 38 41.08 0.4
 ERK 4.76 51 P 38 40.48 -0.2
 REMW 4.78 52 P 38 42.02 0.8
 YEL 4.79 52 P 38 41.67 0.4
 VFP 4.83 65 P 38 42.16 0.4
 SOSW 4.83 52 P 38 42.09 0.3
 TDL 4.85 51 P 38 41.98 -0.1
 KOSW 4.93 50 P 38 43.20 0.1
 LMW 5.00 48 P 38 43.92 -0.2
 ASR 5.11 55 P 38 45.69 0.0
 LON 5.31 49 P 38 48.34 -0.2
 GLK 5.32 52 P 38 48.90 0.2
 REMR 5.34 48 P 38 48.79 -0.2
 RVC 5.35 47 P 38 49.12 0.1
 WPW 5.43 51 P 38 49.99 -0.2
 FMW 5.50 48 P 38 50.91 -0.4
 S.D. = 0.3 on 29 of 29 obs.

DEC 23, 1992 21h 05m 14.46±0.40s
 45.555 N ± 3.8km 21.031 E ± 5.2km
 DEPTH = 35.2 ± 19.2 km
 ROMANIA (358)
 ML 3.6 (TTG). Felt at Timisoara.

TIM 0.23 36 iPd 05 20.00 -1.5
 GZR 1.24 97 iPc 05 35.50 -0.2
 DEV 1.35 75 iPd 05 39.00 1.7
 DEV 1.35 75 iPd 05 38.00 0.7
 TNR 2.28 86 ePc 05 57.50 7.0X
 COZ 2.34 95 iPd 05 56.00 4.4X
 BUD 2.37 325 ePn 05 52.00 0.2
 PSZ 2.49 342 iPnc 05 53.90 0.4
 PLE 2.51 208 iPnd 05 54.40 0.5
 iSn 06 32.59
 BMR 2.72 38 ePc 06 09.00 12.3X
 IVA 2.80 197 iPnc 05 59.53 1.5
 iSn 06 41.69
 CMP 2.84 94 ePc 06 28.00 29.5X
 SRO 2.93 321 iPn 06 00.70 1.0
 i 06 03.50
 i 06 08.30
 i 06 14.60
 i 06 18.60
 i 06 32.30
 i 06 40.80

PVY 3.06 195 iPnc 06 02.87 1.2
 iSn 06 48.10
 NKY 3.11 209 iPnc 06 02.47 0.1
 iSn 06 47.27
 BRY 3.20 215 iPnc 06 03.54 -0.2
 iSn 06 48.54
 VTS 3.35 151 iPc 06 06.00 0.1
 TTG 3.38 203 iPnd 06 06.59 0.5

23d 21h

MLR	3.45	89	ePc	05	10.00	-57.3X
ZAG	3.55	276	e(Pn)	06	16.00	7.6X
PTJ	3.57	277	i(Pn)	06	16.00	7.1X
			iSn	06	58.50	
SKO	3.59	175	iPn	06	20.50	11.3X
HCY	3.60	211	iPnd	06	09.37	0.1
			iSn	06	58.31	
CVO	3.61	84	eP	06	20.00	10.5X
BDV	3.64	207	iPnd	06	09.93	0.2
			iSn	06	59.66	
SPC	3.67	352	iPn	06	12.10	1.6
			i	06	28.20	
			e	07	10.70	
ZST	3.77	316	iPnd	06	11.40	-0.3
			i	06	19.50	
ULC	3.82	200	iPnd	06	13.52	1.2
			iSn	07	05.10	
PVL	3.87	126	eP	06	15.00	1.9
VR1	4.00	83	ePc	06	20.00	5.1X
HVAR	4.06	236	iPn	06	15.90	0.2
			iSn	07	04.50	
VKA	4.22	312	ePn	06	19.50	1.5
			i	07	09.90	
PLD	4.35	141	eP	06	18.00	-2.0
VAY	4.38	165	iPn	06	19.00	-1.3
MMB	4.42	153	eP	06	16.00	-5.0X
OHR	4.45	182	ePn	06	20.00	-1.3
CLI	4.47	75	eP	06	28.00	6.4X
RZN	4.70	144	iPc	06	22.00	-3.0
OJC	4.74	350	iP	06	26.20	0.8
			iS	07	20.70	
VRAC	4.81	323	iPnc	06	25.80	-0.6
	0.2s	10.90nm	e	06	27.70	
			eSg	07	19.20	
KBA	5.54	289	iPnc	06	37.60	0.8
			i	06	39.00	
			iSn	07	38.80	
KSP	6.17	331	ePn	06	43.60	-1.9
			ePg	06	53.00	
			eS	08	13.30	
KHC	6.20	308	Pn	06	45.50	-0.6
			e	07	04.50	
			e	07	30.00	
			eSn	07	51.50	
PRU	6.23	318	ePn	06	44.80	-1.6
			Sn	07	52.00	
WTTA	6.72	288	iPnc	06	53.50	0.1
			iSn	08	09.20	
GRF	7.81	306	e(Pn)	07	06.50	-2.1
			e(Sg)	08	07.00	
S.D. = 1.3 on 34 of 46 obs.						

* DEC 23, 1992 22h 25m 02.31 ± 1.77s						
51.028 N ± 18.8km 15.854 E ± 6.8km						
DEPTH = 10.0km (geophysicist)						
POLAND (548)						
KSP	0.33	124	iP	25	07.70	-1.5
	0.3s	39.00nm	iS	25	15.50	
BRG	1.22	263	ePg	25	24.20	-0.8
			iSg	25	44.00	
PRU	1.34	219	ePg	25	28.00	1.1
			Sn	25	45.40	
			Sg	25	53.10	
			i	25	59.30	
VRAC	1.79	164	ePn	25	33.50	0.1
			e	25	36.50	
			eSg	26	05.40	
KHC	2.40	219	Pn	25	42.00	-0.3
			Pg	25	51.50	
			eSn	26	16.50	
			Sg	26	25.00	
GEC2	2.59	213	Pn	25	45.20	0.1
			Pg	25	52.30	
			Sg	26	29.60	
OJC	2.64	106	eP	25	47.00	1.3
			iS	26	23.40	
MOX	2.71	264	ePg	25	52.00	5.2X
			iSg	26	29.40	
VKA	2.78	174	eP	25	55.00	7.3X
			eSg	26	39.00	
GRF	3.25	248	e(Pg)	26	03.50	9.1X
			eSg	26	50.20	
S.D. = 1.2 on 7 of 10 obs.						

* DEC 23, 1992 22h 33m 27.34 ± 1.42s
43.243 N ± 16.8km 4.436 E ± 7.4km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.6 (LDG), 2.1 (STR).

GELF	0.74	79	Pg	33	42.83	1.0
			Sg	33	51.50	
PRAF	0.77	43	Pg	33	41.72	-0.7
			Sg	33	49.45	
TREF	0.79	61	Pg	33	43.10	0.4
BERF	0.92	85	Pg	33	45.89	0.9
			Sg	33	56.98	
PUYF	0.97	72	Pg	33	46.20	0.5
			Sg	33	57.36	
VILF	1.11	56	Pg	33	48.19	0.0
TAVF	1.24	72	Pg	33	50.99	0.6
LRG	1.42	81	Pn	33	52.30	-0.8
			Pg	33	55.00	
			Sg	34	11.30	
LMR	1.52	86	Pn	33	53.80	-0.7
			Pg	33	57.00	
			Sg	34	14.40	
FRF	1.64	78	Pn	33	54.90	-1.4
			Pg	33	58.50	
			Sg	34	17.90	
SBF	2.27	73	Pg	34	10.20	4.7X
			Sg	34	37.10	
CAF	2.40	315	Pg	34	13.80	6.5X
			Sg	34	43.00	
LPO	2.75	303	Pn	34	12.70	0.4
			Pg	34	21.00	
			Sg	34	56.10	
EPF	3.01	267	Pg	34	28.80	12.9X
			Sg	35	09.80	
BGF	3.50	342	Pg	34	32.20	9.3X
			Sg	35	14.30	
S.D. = 0.9 on 11 of 15 obs.						

* DEC 23, 1992 22h 44m 47.53 ± 1.75s
16.515 N ± 12.6km 61.178 W ± 17.6km
DEPTH = 81.3 ± 14.1 km
LEEWARD ISLANDS (92)

SFG	0.26	184	iPd	44	59.94	0.1
			S	45	01.20	
SEG	0.33	250	ePc	45	00.17	-0.1
MGC	0.61	193	iPd	45	02.70	0.1
DOG	0.64	221	iPd	45	02.69	-0.2
			S	45	12.11	
PAG	0.68	225	eP	45	03.56	0.2
BPA	0.84	309	eP	45	05.00	0.0
			S	45	17.06	
MGH	1.02	282	eP	45	07.20	0.1
			S	45	20.09	
CRM	1.77	172	iPc	45	16.67	-0.2
FDF	1.77	179	iPc	45	16.67	-0.3
			S	45	36.70	
MVM	1.97	172	eP	45	19.77	0.1
			S	45	41.80	
BIM	1.99	177	eP	45	20.22	0.3
			S	45	42.60	
S.D. = 0.2 on 11 of 11 obs.						

DEC 23, 1992 23h 01m 51.05 ± 0.57s
39.320 N ± 4.9km 28.737 E ± 7.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.5 (ISK).

DST	0.30	344	ePg	01	56.00	-1.3
KCT	0.97	343	iPg	02	09.80	0.3
ALT	1.10	103	ePg	02	11.10	-0.7
			eSg	02	25.10	
KHL	1.17	148	ePn	02	11.70	-1.2
BNT	1.21	329	ePn	02	14.80	1.2
EDC	1.23	327	iPn	02	14.50	0.6
YLV	1.34	21	iPn	02	15.50	-0.3
Izm	1.47	232	ePn	02	16.80	-0.9
GPA	1.55	51	iPn	02	19.20	0.4
GBZT	1.57	20	ePn	02	19.00	0.1
			iPg	02	21.20	
			iSg	02	43.40	
EYL	1.66	41	ePn	02	21.80	1.4
ISK	1.76	8	ePn	02	21.50	-0.3
CIN	1.79	197	ePn	02	24.00	1.8

ITU	1.80	7	ePn	02	25.00	2.7
			iSg	02	50.50	
CTT	1.84	353	ePn	02	21.00	-1.9
EZN	1.93	286	ePn	02	24.00	-0.2
BCK	2.36	141	ePn	02	29.00	-1.5
DMK	2.61	344	ePn	02	32.00	-1.9
ELL	2.73	160	ePn	02	37.60	1.8
S.D. = 1.4 on 19 of 19 obs.						

* DEC 23, 1992 23h 22m 48.73 ± 0.77s
23.287 N ± 12.2km 64.096 E ± 8.5km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
OFF COAST OF PAKISTAN (356)

QUE	7.33	20	eP	24	36.10	-0.3
			eS	25	54.00	
POO	10.27	116	eP	25	25.50	8.5X
NDI	12.96	63	eP	25	51.50	-1.8
HYB	14.76	111	eP	26	16.00	-1.0
GBA	15.89	125	P	26	36.20	4.6X
GKN	19.10	71	P	27	11.94	0.3
	0.1s	19.00nm			5.3mb	
DMN	19.45	73	P	27	16.22	0.3
	0.9s	32.00nm			4.6mb	
KKN	19.63	72	P	27	18.02	0.2
	0.7s	27.00nm			4.7mb	
PKI	19.71	73	P	27	19.12	0.3
GUN	20.17	72	P	27	24.50	0.8
	0.5s	29.00nm			4.9mb	
SHL	25.39	79	eP	28	15.50	0.6
GEC2	46.97	316	P	31	19.00	0.5
	0.9s	0.60nm			3.6mb X	
BCAO	47.77	254	iPc	31	24.10	-1.0
	0.6s	14.00nm			5.2mb	
WRA	80.85	116	P	35	02.20	1.0
	0.6s	0.20nm			3.3mb X	
YKA	94.51	359	eP	36	18.70	12.0X
	0.5s	0.30nm				
S.D. = 0.9 on 12 of 15 obs.						

DEC 24, 1992 00h 03m 33.33 ± 0.19s
2.549 N ± 3.7km 126.581 E ± 5.1km
DEPTH = 96.6km (4 depth phases)
5.6mb (70 obs.)
NORTHERN MOLUCCA SEA (266)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 42C
Centroid Location:
Origin Time 00:03:31.6 0.4
Lat 2.54N 0.05 Lon 126.69E 0.06
Dep 21.8 3.6 Half-duration 1.5
Moment Tensor: Scale 10¹⁷ Nm
Mrr=1.37 0.12 Mtt=-0.69 0.13
Mff=-0.67 0.19 Mrt=-1.49 0.31
Mrf=-3.44 0.59 Mtf=-0.94 0.12
Principal Axes:
T Voj= 4.03 Plg=54 Azm=104
N 0.03 9 207
P -4.06 34 303
Best Double Couple: Mo=4.1*10¹⁷
NP1: Strike= 67 Dip=13 Slip= 131
NP2: 205 80 81

MNI	2.06	238	eP	04	05.00	-2.1
DAV	4.62	348	ePc	04	37.90	-4.2X
	1.1s	617.72nm				
BIP	5.65	357	iPd	04	51.00	-5.4X
PLP	8.71	350	ePc	05	35.50	-2.8X
TSM	8.86	282	ePc	05	37.50	-3.0X
	0.9s	1218.10nm			6.7mb	X
KKM	10.90	289	ePc	06	07.80	-0.3
	0.7s	257.10nm			6.2mb	
PGP	12.22	333	ePd	06	21.50	-3.9X
TGY	12.76	334	eP	06	40.00	7.5X
OCP	13.18	336	eP	06	36.00	-2.0
BAG	14.99	337	eP	06	55.00	-6.5X
			eS	09	46.00	
KHK i	15.40	225	ePd	07	11.00	4.4X
			e	12	59.90	
PIP	16.73	340	eP	07	22.00	-1.2
TRT	17.24	234	eP	07	29.60	0.1
PJG	21.14	58	eP	08	07.50	-4.8X
GUA	21.16	58	eP	08	07.80	-4.7X
	0.7s	131.51nm			5.4mb	
HKC	23.04	329	iP	08	30.80	-0.1

QIZ	23.16	316	Pc	08 33.60	1.4	5.1mb	STK	37.09	159	ePd	10 34.60	-1.4	12 02.40	465kmX	18 18.00	10 34.60	-1.4	Z 18s	1.03um	4.9MsZ	13 46.50	367kmX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1.0s	88.00nm	eS	16 11.00	E 18s			0.54um	1.01um	eS	19 45.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	N 17s	3.27um		e				10 34.60			e	12 41.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
KGM	23.25	269	eP	08 40.00	7.0X	5.2MsZ	TIY	37.33	341	Pd	10 36.90	-1.1	12 02.40	5.6mb	5.1MsZ	12 45.00	-0.4	WMO	53.60	326	iPc	12 46.00	-0.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
QZH	23.56	342	eP	08 34.00	-1.9			YAMJ	37.54	18	eP	10 38.80							-0.9	BJI	38.49	347	eP	10 46.00	-1.7	Z 25s	1.74um	5.0MsZ	12 51.00	16kmX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
WRA	23.62	162	P	08 34.50	-2.1				1.3s	580.00nm	6.3mb	Z 28s							3.79um		5.1MsZ	10 50.00	-0.9	10 51.80	-0.4		10 48.00	-4.3X	pP	12 53.20	sP	13 47.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
WB2	23.62	161	iPc	08 34.50	-2.1	39.02	164	eP		10 51.80	-0.4		39.03	141	iPc	10 48.00	-4.3X	1.0s	9.00nm	4.6mb	PP					14 44.00				PcS		17 48.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
GZH	0.7s	67.70nm	5.2mb	5.0mb	4.8MsZ		SNY	39.20	356	Pd	10 53.00	-0.5		1.0s	210.00nm	5.9mb	4.9MsZ		5.9mb	NDI		53.65	304	iPd	12 45.00	-2.3X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	24.11	329	iPc			08 40.50		-0.8	Z 28s	2.82um	16 16.00	S	16 48.00		S	17 07.00		10 54.50			-1.3	6.1mb	5.3MsZ	51kmX	13 05.50	16 49.50	16 51.00	17 06.00	21 00.00	11 02.00	-2.4X	5.7mb	17 10.00	11 03.80	-0.3	5.5mb	5.5MsZ	17 12.00	11 04.00	-1.1	5.3mb	-0.4	5.3mb	5.3MsZ	17 32.00	11 17.30	-2.5X	5.3mb	11 20.30	0.6	11 26.20	-0.1	11 25.00	13 08.00	-0.8	5.3mb	11 28.30	-0.3	11 30.90	0.0	11 32.00	-1.2	1.8s	82.00nm	5.3mb	5.3MsZ	13 19.50	11 47.60	-1.4	11 38.66	-13.1X	11 50.10	-2.1	5.5mb	-13.5X	11 41.62	-13.4X	11 42.10	-13.6X	12 14.00	-1.4	1.2s	500.00nm	6.4mb	19 16.00	12 18.00	-0.4	12 30.70	-0.9	5.5mb	15 46.50	166kmX																																																																																																																																																																																																																																																																																																																																																																																																																															
	24.47	195	eP			08 31.00		-13.8X		38.88	19		eP			10 50.00																																																																													-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00	-0.9	38.88	19	eP	10 50.00

24d 00h

Z 15s	3.00um	5.8MsZ	X	KSP	100.69	323	ePdiff17	13.40	1.4	WRA	17.34	167	P	26	52.20	-0.5
N 24s	19.00um						e	17	31.00	WB2	17.34	167	eP	26	48.10	-4.7X
E 24s	10.50um						e	21	23.50		0.4s	78.80nm	iS	29	50.80	5.2mb
SVW	81.88	29 eP	15	44.26	1.1					PMG	17.94	112	eP	26	58.50	-1.6
	1.0s	57.10nm		5.4mb							1.1s	75.95nm				4.8mb
TTA	82.01	27 ePc	15	44.31	0.5					TRT	18.20	254	ePd	26	59.90	-3.4X
	1.4s	66.40nm		5.3mb						MBL	20.76	209	eP	27	14.00	-17.5X
KDC	83.01	32 eP	15	49.42	0.5					ASPA	20.88	171	eP	27	31.10	-1.6
	1.4s	75.09nm		5.4mb							0.9s	311.90nm	eS	31	17.30	5.6mb
BRW	83.33	18 eP	15	53.00	2.6X											
ARO	83.36	281 eP+	15	52.00	0.3					CTA	23.08	139	P	27	55.70	1.2
BGL	83.46	29 eP	15	50.95	-0.4					WAR8	23.36	188	iPd	27	57.50	0.3
IMA	83.52	24 ePc	15	52.31	0.7					NANU	24.19	215	eP	28	05.00	-0.2
	1.4s	97.11nm		5.5mb							0.5s	12.00nm				4.6mb
CP2	83.53	29 eP	15	51.89	0.1					MEEK	26.08	204	eP	28	22.00	-1.0
CRP	83.57	29 eP	15	52.13	0.1					STK	30.68	161	iPc	29	03.60	-0.7
PYA	83.58	314 iPc+	15	53.00	0.8						0.4s	4.30nm				4.5mb
	1.0s	300.00nm		6.2mb						CMS	31.93	154	eP	29	14.00	-1.4
		i	16	18.00	94km					ADE	32.80	167	eP	29	24.00	1.1
SLKM	84.44	30 ePc	15	55.72	-0.5					ARMA	33.96	146	eP	29	33.10	-0.1
PMR	85.05	29 ePd	15	58.83	-0.3						0.8s	8.00nm				4.7mb
	1.3s	198.61nm		5.9mb						LOE	34.69	307	eP	29	40.90	1.5
Z 19s	0.67um	5.0MsZ								BWA	35.57	154	iPd	29	47.90	1.1
SOC	85.98	313 iPc+	16	05.50	1.3					BFD	35.87	163	eP	29	48.80	-0.4
	1.2s	3200.00nm		7.2mb X							1.0s	35.00nm				5.2mb
TOA	86.47	28 eP	16	09.60	3.3X					CAN	36.58	154	iPd	29	55.40	0.2
RUWJ	87.11	302 Pd	16	17.56	7.5X					CNB	36.74	153	eP	29	57.50	0.9
MOS	87.32	326 eP	16	13.00	2.6X					GYA	37.11	323	iPd	30	00.60	0.7
	2.0s	610.00nm		6.3mb							1.0s	12.00nm				4.8mb
AAE	87.45	279 eP	16	15.50	3.3X											
SHBJ	87.60	302 Pd	16	21.07	8.7X					TOO	37.17	160	eP	30	01.80	1.7
ANN	87.71	315 iP+	16	13.00	0.5						0.7s	31.00nm				5.3mb
	1.1s	90.00nm		5.7mb												
Z 21s	4.40um	5.8MsZ								CHG	37.68	306	iPc	30	05.60	0.9
N 22s	7.80um										1.2s	72.66nm				5.5mb
E 22s	7.80um									KMI	38.65	318	Pc	30	14.50	1.5
O8N	87.92	325 eP	16	14.00	0.7						1.8s	180.00nm				5.7mb
	1.0s	140.00nm		6.0mb												
Z 22s	2.80um	5.6MsZ								XAN	41.95	333	P	30	28.50	54km
N 22s	1.70um										1.0s	11.00nm				-0.8
		eS	16	43.00							42.12	325	eP	30	41.00	-0.3
		eS	26	38.00							43.73	339	Pc	30	53.80	-0.5
GAZ	87.97	307 iP	16	15.90	2.0					8J1	44.71	345	eP	31	01.50	-0.5
BALM	88.31	29 (P)	16	14.61	-0.6						1.4s	48.00nm				5.1mb
CSTJ	88.62	301 Pd	16	24.76	7.5X					LZH	46.03	330	Pc	31	13.00	0.2
KVT	88.75	311 iP	16	19.00	1.3						1.4s	66.00nm				5.4mb
APA	88.91	337 iPd	16	19.40	1.6											
MDSJ	88.96	301 Pd	16	26.16	7.2X					CN2	46.75	355	eP	31	18.60	0.5
HRI	89.32	303 eP	16	17.80	-2.8X						1.0s	9.30nm				4.7mb
SHMJ	89.33	303 Pc	16	27.58	7.1X					SHL	46.78	310	iP	31	18.50	-0.4
BHL	89.37	304 P	16	20.00	-0.8											
MASJ	89.41	302 Pd	16	27.97	6.9X					HHC	46.83	340	Pd	31	18.80	-0.2
MDRJ	89.43	299 Pc	16	27.48	6.3X						1.2s	44.00nm				5.3mb
SALJ	89.43	302 Pd	16	28.14	7.1X					LSA	49.56	314	iPd	31	41.80	1.0
KFNJ	89.44	302 Pd	16	28.15	7.2X						1.0s	7.00nm				4.6mb
LISJ	89.64	301 Pd	16	29.08	7.2X					GTA	50.63	329	eP	31	49.00	0.6
SHWJ	89.66	300 Pd	16	29.28	6.9X						1.2s	10.00nm				4.7mb
NAOJ	89.67	300 Pd	16	29.19	6.8X					GUN	52.60	309	Pc	32	02.82	-0.9
SDOM	89.72	301 eP	16	21.70	-0.6						0.8s	35.00nm				5.4mb
MRSJ	89.85	300 Pd	16	29.85	6.8X					PKI	52.80	308	Pc	32	04.16	-1.1
RMN	90.41	300 eP	16	24.20	-1.5						0.8s	12.00nm				5.0mb
CSS	91.22	305 eP	16	31.90	2.7X					KKN	53.01	308	Pc	32	05.66	-1.0
KAF	92.57	332 iP	16	35.70	0.9						0.9s	34.00nm				5.4mb
	0.9s	13.30nm		5.3mb						DMN	53.06	308	P	32	06.32	-0.7
MNK	93.27	324 eP	16	36.00	-2.2X						0.9s	50.00nm				5.5mb
KIS	93.41	317 eP	16	42.00	3.0X					GKN	53.61	308	Pc	32	10.02	-0.9
		e	17	09.00	101km						0.9s	39.00nm				5.5mb
ALT	93.44	309 eP	16	40.60	1.2					HYB	54.89	294	ePc	32	19.00	-1.3
NUR	93.66	331 eP	16	40.00	0.2						1.1s	50.00nm				5.5mb
VRI	95.04	316 ePc	16	49.00	2.4					G8A	54.95	289	P	32	20.00	-0.7
		e	27	50.00						WMO	60.21	326	P	32	56.50	-0.9
MLR	95.64	316 ePc	16	50.50	1.0						1.0s	17.00nm				5.1mb
UZH	97.49	320 iPc	16	58.70	1.1											
	1.1s	134.00nm		6.4mb												
DAG	98.41	352 ePd	17	02.00	0.8											
	1.0s	43.00nm		6.0mb						QUE	68.76	304	eP	33	43.00	
SPC	98.69	320 e(P)	17	05.80	2.6X					MA10	76.40	308	iPc	34	39.00	0.7
		e	21	16.20							84.94	28	eP	35	23.72	0.9
OJC	98.71	322 eP	17	05.20	2.1						1.2s	37.71nm				5.4mb
VAY	98.81	312 eP	17	03.00	-0.7					TTA	85.25	26	eP	35	24.98	0.6
RES	98.99	10 eP	17	06.00	2.1						1.2s	15.97nm				5.0mb
	1.0s	7.00nm		5.2mb X												
SKO	99.51	313 iP	17	08.40	1.5											
		i	21	03.00						8GL	86.49	28 (P)		35	31.05	0.5
NAO	100.03	333 Pd diff	17	08.30	-0.5					CRP	86.60	28 eP		35	31.54	0.3
	0.9s	13.20nm		5.6mb						SLKM	87.38	29 eP		35	34.44	-0.4
SRO	100.28	319 ePd diff	17	12.80	2.6X					PMR	88.09	28 eP		35	37.31	-0.8
											1.3s	37.24nm				5.4mb

S.D. = 1.2 on 151 of 214 obs.

DEC 24, 1992 00h 22m 53.18±0.24s
 2.955 S ± 4.4km 130.296 E ± 6.2km
 DEPTH = 60.2km (3 depth phases)
 5.2mb (28 obs.)
 SERAM, INDONESIA (272)

AAI 2.22 251 iPd 23 29.00 0.8
 iS 23 52.90
 MTN 9.86 175 iPd 25 10.10 -4.7X
 eS 26 57.00
 CTB 11.78 329 ePd 25 40.00 -0.8

GEC2 109.50 321 PKP 41 20.00 1.3
 0.8s 0.47nm
 KIC 135.07 276 (PKP) 42 09.00 0.5
 CYA 145.16 155 iPKPd 42 27.00 0.7X
 YJA 150.64 149 ePKPd 42 38.50 2.8X
 ARE 151.09 133 ePKP 42 45.00 8.7X
 CNCB 153.33 138 PKP 42 43.00 3.2X
 e 48 02.00
 LPB 153.44 137 PKP 42 50.00 10.2X
 S.D. = 0.9 on 50 of 59 obs.

DEC 24, 1992 00h 25m 44.62±0.52s
 38.075 N ± 5.1km 22.947 E ± 4.4km
 DEPTH = 10.0km (geophysicist)
 3.8mb (13 obs.)

GREECE (364)
 MD 3.7 (ATH).

ATH 0.62 99 ePn 25 58.30 1.3
 AGG 1.06 333 ePg 26 05.06 0.4
 eSg 26 18.98
 VLI 1.35 180 ePb 26 09.50 0.0
 VLS 1.86 274 ePn 26 17.50 0.7
 PAIG 1.94 17 ePb 26 18.26 0.4
 eSb 26 41.70
 LIT 2.05 350 ePb 26 20.34 0.7
 eSb 26 45.18
 KZN 2.41 338 ePb 26 34.00 9.2X
 IGT 2.51 306 ePn 26 29.22 3.1X
 SOH 2.76 6 ePn 26 30.10 0.3
 PRK 2.85 65 ePn 26 29.00 -2.0
 GRG 2.91 352 ePn 26 32.58 0.8
 SRN 2.92 309 ePn 26 33.70 1.8
 KEK 2.95 305 ePn 26 34.00 1.6
 FNA 2.97 336 ePn 26 32.78 0.1
 eSn 27 08.82
 SRS 3.08 9 ePn 26 33.94 -0.2
 eSn 27 09.18
 KNT 3.08 359 ePn 26 34.45 0.2
 eSn 27 10.98
 VAY 3.25 355 iPn 26 37.00 0.3
 OHR 3.46 332 iPn 26 39.50 -0.1
 i 26 50.10
 i 27 22.10
 i 27 27.00
 Lg 27 28.30
 NPS 3.53 142 ePb 26 43.00 2.4
 MMB 3.56 9 iPd 26 40.00 -1.1
 VLO 3.59 313 ePn 26 41.40 0.0
 ALN 3.70 39 ePn 26 41.98 -1.0
 RZN 3.86 20 iPc 26 45.00 -0.4
 TIR 4.04 325 ePn 26 49.00 1.2
 SKO 4.06 344 iPn 26 49.00 0.9
 i(Sn) 27 44.00
 iSg 27 57.00
 Lg 28 13.00
 LACI 4.34 326 ePn 26 52.00 -0.1
 DIM 4.44 26 eP 26 53.00 -0.5
 KKS 4.44 335 ePn 26 56.50 2.9
 VTS 4.52 2 iPd 26 55.00 0.3
 PGB 4.57 11 eP 26 51.00 -4.4X
 SDA 4.77 327 ePn 26 58.00 -0.2
 TDS 5.40 289 P 27 07.00 -0.1
 SOI 5.44 272 P 27 15.00 7.3X
 PVL 5.45 19 iPd 27 04.00 -3.8X
 ATN 5.90 273 P 27 12.70 -1.5
 MGR 6.11 292 P 27 16.38 -0.8
 HVAR 7.10 318 ePn 27 29.90 -1.1
 eSn 28 48.60
 MLR 7.74 16 eP 27 40.00 -0.1
 SDI 7.90 300 P 27 41.80 -0.5
 AQU 8.46 303 P 27 52.00 1.9
 ASS 9.28 306 P 28 05.00 3.5X
 ARV 9.32 309 P 28 07.00 5.0X
 CRE 10.00 307 P 28 15.00 3.5X
 GEC2 12.68 331 Pn 28 45.60 -2.1
 0.8s 0.41nm 3.7mb
 e 28 46.60
 e 28 58.50
 LPG 14.16 307 eP 29 05.10 -2.5
 BSF 15.30 315 eP 29 24.50 2.2X
 0.6s 2.05nm 3.7mb
 HAU 15.65 315 eP 29 28.30 1.6
 0.6s 2.80nm 3.7mb
 SMF 16.48 307 eP 29 36.80 -0.6
 0.9s 4.90nm 3.6mb
 LBF 16.54 309 eP 29 37.80 -0.4

0.9s 6.20nm 3.7mb
 AVF 16.85 307 eP 29 41.60 -0.4
 0.7s 3.30nm 3.6mb
 SSF 16.87 308 eP 29 43.60 1.4
 1.0s 8.40nm 3.8mb
 BGF 17.08 306 eP 29 43.60 -1.3
 0.9s 7.35nm 3.8mb
 MFF 19.03 304 eP 30 05.00 -4.0X
 0.8s 4.45nm 3.7mb
 LDF 19.73 310 eP 30 12.40 -4.8X
 FLN 20.01 310 eP 30 14.80 -5.4X
 LPF 20.08 307 eP 30 15.50 -5.4X
 0.9s 10.00nm 4.1mb
 GRR 20.10 308 eP 30 15.90 -5.2X
 0.6s 5.05nm 4.0mb
 EKA 24.64 323 Pc 31 05.90 -0.3
 0.7s 5.50nm 4.3mb
 LIC 40.62 226 (P) 33 24.90 -1.4
 YKA 74.13 341 eP 37 20.30 -2.1
 0.6s 0.70nm 3.9mb
 S.D. = 1.2 on 46 of 60 obs.

DEC 24, 1992 00h 34m 13.81±0.11s
 15.293 S ± 3.1km 173.128 W ± 3.4km
 DEPTH = 23.4km (geophysicist)
 5.9mb (83 obs.) 6.4Msz (48 obs.)
 TONGA ISLANDS (173)

Ms 6.4 (BRK). Depth from
 broadband displacement
 seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=272 Dip=84 Slip= 90
 NP2: 92 6 90
 Principal Axes:

T P1g=51 Azm=182
 P 39 2

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 2.8±0.7*10**13 Nm

MOMENT TENSOR SOLUTION
 Dep 20 No. of sta: 16
 Moment Tensor: Scale 10**18 Nm

Mrr=-0.28 Mtt=-0.25
 Mff=-0.03 Mrt=-1.63
 Mrf=-0.06 Mtf=1.19

Principal axes:
 T Vol= 2.04 P1g=39 Azm=149
 N 0.01 36 274
 P -2.05 31 30

Best Double Couple:Mo=2.0*10**18
 NP1:Strike=174 Dip=36 Slip= 172
 NP2: 271 85 54

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 27S, 72C

Centroid Location:
 Origin Time 00:34:22.3 0.2
 Lat 14.71S 0.03 Lon 172.68W 0.02

Dep 40.1 1.5 Half-duration 3.1
 Moment Tensor: Scale 10**18 Nm
 Mrr=-0.73 0.03 Mtt= 0.48 0.04
 Mff= 0.25 0.04 Mrt=-2.58 0.07
 Mrf= 0.22 0.04 Mtf= 0.15 0.03

Principal Axes:
 T Vol= 2.53 P1g=38 Azm=181
 N 0.27 4 274
 P -2.80 51 8

Best Double Couple:Mo=2.7*10**18
 NP1:Strike=245 Dip= 7 Slip=-119
 NP2: 94 84 -86

MBU 8.01 257 iPd 36 20.00 8.3X
 VUN 8.50 250 iPc 36 26.00 7.5X
 RAR 13.98 117 P 37 30.00 -2.8X
 PVC 17.96 260 iPc 38 29.50 5.7X
 BKM 18.02 260 iPc 38 30.60 6.1X
 DZM 20.48 248 iPc 38 47.60 -5.3X
 iS 42 47.90

AFR 22.51 99 eP 39 15.60 2.4
 1.6s 1084.60nm 6.1mb
 PAE 22.70 99 eP 39 17.20 2.0
 1.6s 853.20nm 6.0mb

PPT 22.70 99 eP 39 17.20 2.0
 1.5s 1157.40nm 6.2mb
 Z 28s *****um 8.4MszX
 PPN 22.84 99 eP 39 18.80 2.3
 2.2s 2484.90nm 6.3mb
 TVO 23.02 100 eP 39 20.60 2.2
 1.4s 1617.10nm 6.4mb
 WCZ 23.42 266 eP 39 23.40 1.4
 HBZ 23.48 197 eP 39 24.70 2.1
 KUZ 23.56 203 eP 39 25.40 2.0
 1.5s *****nm 7.1mb X
 PUZ 23.94 197 P 39 28.90 1.8
 PMO 24.35 93 iPc 39 31.50 0.3
 2.0s 3843.80nm 6.6mb
 URZ 24.45 199 eP 39 32.20 0.2
 1.5s 1790.00nm 6.4mb
 VAH 24.59 93 iPc 39 33.40 -0.2
 2.0s 2117.80nm 6.4mb
 WLZ 24.60 202 eP 39 34.60 1.1
 TAZ 24.62 200 eP 39 35.40 1.8
 TPT 24.62 93 iPc 39 33.90 0.1
 2.1s 4276.00nm 6.7mb
 RUV 24.84 93 iPc 39 35.70 -0.2
 2.1s 4157.80nm 6.7mb
 PAHZ 25.02 198 eP 39 38.80 1.3
 MAHZ 25.08 197 eP 39 41.30 3.2X
 MOZ 25.45 202 P 39 42.60 1.0
 NGZ 25.77 200 P 39 44.60 -0.1
 WAHZ 26.00 199 eP 39 46.20 -0.6
 e 40 15.30 139kmX
 PGZ 26.87 198 eP 39 55.20 0.6
 0.7s 240.00nm 5.9mb
 HNR 26.92 279 eP 40 06.00 10.6X
 MNG 27.11 199 eP 39 55.70 -1.2
 0.7s 313.00nm 6.1mb
 SVO 27.12 280 P 40 03.00 5.8X
 KIW 27.52 200 eP 39 59.60 -1.0
 MTW 27.60 199 eP 40 00.20 -1.1
 CAW 27.69 199 eP 40 00.90 -1.2
 MOW 27.91 199 eP 40 03.80 -0.4
 TCW 28.04 200 eP 40 05.90 0.6
 ORZ 28.33 203 eP 40 08.40 0.4
 0.7s 240.00nm 6.0mb
 THZ 29.01 202 eP 40 13.80 -0.3
 KHZ 29.37 200 eP 40 15.70 -1.5
 0.7s 189.00nm 6.0mb
 DSZ 29.40 203 eP 40 14.90 -2.7X
 0.7s 357.00nm 6.3mb
 LTZ 30.13 202 eP 40 21.60 -2.5
 MOZ 30.81 200 eP 40 29.10 -0.9
 LMZ 32.06 204 eP 40 38.10 -2.9X
 BWZ 32.51 203 eP 40 42.90 -2.0
 ODZ 32.68 202 eP 40 45.10 -1.3
 MSCZ 33.17 203 eP 40 48.80 -1.9
 LRCZ 33.17 203 eP 40 48.70 -2.1
 MMCZ 33.20 203 eP 40 48.60 -2.4
 LSCZ 33.20 203 eP 40 49.30 -1.7
 CMZC 33.26 203 P 40 49.70 -1.9
 TLC 33.38 203 eP 40 50.60 -2.0
 TUZ 33.82 202 eP 40 55.90 -0.4
 0.7s 146.00nm 6.0mb
 BRS 33.85 243 iPc 40 54.00 -2.8X
 ARMA 35.62 239 iPc 41 10.70 -1.4
 0.5s 23.00nm 5.4mb
 RMQ 37.18 246 iPc 41 24.40 -0.7
 0.5s 17.00nm 5.1mb
 HPO 38.29 27 eP 41 34.72 0.3
 KKH 38.59 26 eP 41 37.06 0.1
 CTA 38.92 257 P 41 40.59 0.8
 CTAO 38.92 257 (P) 41 37.79 -2.0
 ed 41 52.68 58kmX
 CNB 39.02 232 iPd 41 40.00 -0.6
 1.1s 328.00nm 6.0mb
 MHA 39.11 26 ePc 41 41.30 0.0
 e 42 04.55 99kmX
 PMG 39.19 274 eP 41 42.50 0.4
 1.0s 76.00nm 5.4mb
 HON 39.30 23 P 41 52.85 10.0X
 Z 20s 28.05um 6.1Msz
 S 47 59.47
 CAN 39.30 232 iPc 41 41.60 -1.3
 DHH 39.32 23 eP 41 41.43 -1.6
 HKL 39.43 25 eP 41 44.37 0.0
 BWA 39.45 234 iPc 41 40.90 -3.2X
 OPA 39.63 22 eP 41 44.57 -1.8
 CMS 40.71 239 iPc 41 53.00 -1.4
 0.7s 26.00nm 5.1mb

24d 00h

TOO	42.74	231	iPc	42	10.30	-0.7	BKS	71.25	40	eP	45	33.09	-0.2			epPd	46	03.41	68kmX		
	0.9s	295.00nm				6.0mb		Z	19s	20.00um			6.4Msz	GSC	73.33	45	iPd	45	45.02	-0.7	
STK	44.32	240	eP	42	23.20	-0.7				ePcP	45	42.09				ec	45	50.40			
	1.0s	40.10nm				5.2mb				eS	54	48.09				epPd	45	51.89	22kmX		
		eS	48	02.50						eSKS	55	28.09		MRCM	73.51	42	ePd	45	46.47	-0.5	
		eScS	52	25.70						eLQ	03	47.09				epP	46	04.62	67kmX		
MCQ	44.74	203	iPc	42	29.20	2.3X				eLR	06	12.09		GLA	73.53	48	ePc	45	46.75	-0.1	
BFD	44.84	232	iPc	42	26.60	-1.4	MHC	71.30	41	eP	45	33.28	-0.5			epP	46	02.94	58kmX		
	1.0s	87.00nm				5.6mb		Z	20s	21.00um			6.4Msz	YSS	73.58	330	ePd	45	46.75	0.0	
ADE	47.30	236	iPc	42	46.40	-1.2				ePcP	45	43.28				epPd	45	54.53	25kmX		
WB2	50.11	257	iPc	43	07.80	-1.7				ePP	48	19.28				e	45	57.50			
	0.7s	58.00nm				5.7mb				eS	54	51.28				eS	55	20.00			
WRA	50.12	257	P	43	07.90	-1.7				eSKS	55	26.28				ePS	55	40.00			
	0.3s	7.60nm				5.2mb				e(SS)	58	35.28		LBFM	73.59	38	iPd	45	46.90	-0.4	
ASPA	50.40	252	iPc	43	09.90	-1.8				eLQ	03	08.28				epPc	46	05.98	71kmX		
	0.9s	186.50nm				6.1mb				eLR	06	14.28		BONR	73.80	42	ePd	45	48.39	-0.3	
Z	23s	40.20um				6.4MszX	NTYM	71.30	40	eP	45	34.01	0.5			epP	46	06.00	65kmX		
		iS	50	16.20						epP	45	51.30	63kmX			eP	45	53.38	0.4		
		iScS	53	02.20			LLA	71.31	42	ePd	45	33.32	-0.4			epP	46	10.47	62kmX		
GUA	50.43	302	e(P)	43	12.70	0.7	ARN	71.37	41	eP	45	33.97	-0.1			ePd	45	52.69	-0.4		
		eS	50	31.00						epP	45	52.07	67kmX			91.31nm			5.9mb		
PJG	50.50	303	e(P)	43	03.10	-9.3X	SHK	71.44	315	eP	45	36.60	2.1			epP	46	11.06	68kmX		
PJG	50.50	303	e(P)	43	13.20	0.8	PKEM	71.53	43	(P)	45	34.26	-0.8			epP	45	53.32	0.1		
MTN	54.00	265	eP	43	37.00	-1.7				epP	45	53.83	73kmX	TPNV	74.60	44	eP	45	53.32	0.1	
FORT	55.70	243	eP	43	49.00	-1.9	ASAJ	71.57	328	eP	45	36.60	1.6			72.57nm			5.8mb		
	0.6s	40.00nm				5.6mb	KUMJ	71.64	312	P	45	37.20	1.5		Z	21s	35.23um		6.6Msz		
WARB	56.93	249	iPd	43	58.20	-1.7	HMR	71.69	40	(P)	45	36.11	0.2			epP	46	11.51	67kmX		
DRV	59.78	200	iP	44	20.20	1.1	KMPM	71.70	37	ePd	45	54.75	69kmX	MPOR	74.65	34	P	45	53.20	-0.1	
		PP	46	27.00						epP	45	36.00	0.0	KDC	74.75	11	ePd	45	52.18	-1.2	
		S	52	32.00						epP	45	54.00	66kmX		1.1s	140.42nm			5.9mb		
		LR	02	06.00			FHC	72.02	37	(P)	45	37.99	0.1			epP	46	10.81	69kmX		
SBA	63.38	185	iPc	44	45.00	1.9				1.1s	218.49nm		6.1mb	SPA	74.80	180	iPc	45	55.90	2.0	
MBL	63.55	254	iPd	44	29.50	-15.6X	SSK	72.12	46	eP	45	38.11	-0.7		Z	20s	703.13nm			6.4mb	
	0.4s	14.00nm								ipP	45	56.62	69kmX			3.42um			5.6Msz		
		e	44	44.00		52kmX	PLM	72.23	47	ePd	45	38.84	-0.7			i	48	46.40			
MEEK	64.10	248	eP	44	47.50	-1.2				epP	45	56.76	66kmX	HBO	74.91	36	P	45	54.42	-0.4	
KLB	64.52	242	iPd	44	50.20	-1.2	PET	72.25	343	ePd-	45	38.00	-0.9		FBO	75.06	35	P	45	55.35	-0.3
	1.0s	78.00nm				5.8mb				7.10um			6.2mb	TKO	75.27	34	P	45	56.92	0.2	
CTB	65.99	285	ePd	45	05.00	4.0X	Z	18s		e	45	49.00	6.0Msz	SSOR	75.47	35	P	45	57.29	-0.7	
PLP	66.69	290	ePd	45	06.00	0.6				e	48	20.00			TCO	75.48	36	P	45	58.01	-0.2
ADK	66.96	358	eP	45	06.14	-0.3				eS	55	02.00		BPO	75.77	35	P	45	59.54	-0.3	
	1.0s	72.50nm				5.8mb				e	55	46.00		BMW	76.10	33	ePd	46	01.34	-0.1	
		epP	45	22.59		60kmX	SHNJ	72.30	314	eP	45	42.40	2.8X			epP	46	18.95	64kmX		
NANU	67.33	252	eP	45	09.00	-0.5	PEC	72.31	46	eP	45	38.47	-1.3		TUC	76.12	51	iPd	46	01.94	0.1
	0.4s	16.00nm				5.5mb				39.01nm			5.4mb		Z	1.3s	278.36nm			6.1mb	
KAKJ	67.59	320	eP	45	11.60	0.8				epP	45	57.01	69kmX		Z	21s	16.34um			6.3Msz	
CHJJ	68.22	320	eP	45	15.60	0.8				ePd	45	38.94	-0.8			ec	46	07.15			
OFUJ	68.61	324	eP	45	16.50	-0.6	FRI	72.34	42	ePd	45	38.94	-0.8			epP	46	09.97	26kmX		
SMY	68.63	352	eP	45	17.00	0.0	ISA	72.39	44	iPd	45	39.68	-0.6			esPc	46	13.28			
	1.2s	849.60nm				6.8mb				164.59nm			6.0mb			epPc	46	21.02			
Z	21s	36.50um				6.6Msz	Z	22s		33.19um			6.6Msz			esP	46	32.74			
SMY	68.63	352	P	45	30.00	13.0X				ec	45	44.98		VIPM	76.28	36	P	46	02.23	-0.4	
Z	20s	42.19um				6.7Msz				epPd	45	46.88	23kmX	VFP	76.31	35	P	46	02.32	-0.5	
YAMJ	68.96	322	eP	45	19.40	0.1	CMB	72.51	41	iPd	45	40.21	-0.7		SHW	76.45	34	iPd	46	03.58	0.1
NIJ	68.98	321	eP	45	19.40	0.0				19.00um			6.3Msz	ERK	76.46	34	P	46	03.45	-0.1	
MAJO	69.03	320	ePc	45	18.10	-1.7				epPd	45	47.16	22kmX	OSD	76.74	32	P	46	05.29	0.1	
		ed	45	28.20		32kmX				ePP	48	12.69		VGB	76.81	35	iPd	46	04.79	-0.6	
MAT	69.03	320	eP	45	19.00	-0.8				e	52	46.69		ARUT	76.94	45	iPd	46	06.37	-0.1	
	1.3s	103.85nm				5.8mb				eS	55	02.69		HDW	76.96	32	P	46	06.32	0.1	
		eS	54	23.00						eSKS	55	37.69		GMW	77.03	32	ePd	46	06.25	-0.3	
MTMJ	69.31	319	eP	45	22.00	0.4				eSS	59	16.69		LON	77.03	33	iPd	46	05.82	-0.8	
KUSJ	69.79	328	eP	45	24.20	0.0				eLQ	04	15.69				epP	46	24.86	70kmX		
ERM	69.82	327	ePd	45	25.01	0.6	BAG	72.61	293	eP	45	45.00	3.0X		BLN	77.23	32	P	46	07.98	0.3
		epPd	45	32.21		23kmX				eS	55	06.00		GSM	77.33	33	P	46	08.18	-0.1	
KUR	69.85	332	eP	45	19.00	-5.5X	PFO	72.66	47	iPd	45	41.02	-0.9		SVW	77.42	9	iPd	46	07.15	-1.3
		eS	54	36.00						epPd	45	48.14	23kmX		1.3s	232.05nm			6.1mb		
HOJ	70.01	327	eP	45	27.20	1.6				epPd	45	41.36	-0.7	RMW	77.48	33	ePd	46	08.67	-0.5	
CSY	70.62	205	eP	45	31.90	2.9X	ORV	72.73	39	ePd	45	41.89	-0.1			epP	46	27.89	71kmX		
	0.9s	44.70nm				5.6mb	WDC	72.73	38	eP	45	41.89	-0.1	HTW	77.72	33	P	46	09.95	-0.4	
SBC	70.86	45	iPd	45	30.77	-0.2		Z	21s	31.00um			6.6Msz	MCW	77.74	31	eP	46	09.93	-0.5	
		ec	45	35.74						ePcP	45	51.89				epP	46	28.99	70kmX		
		epPd	45	38.22		24kmX				e	53	00.89		SLKM	77.75	11	eP	46	08.88	-1.4	
		esPc	45	41.45						eS	56	05.89				epP	46	26.10	62kmX		
PRS	70.87	42	ePd	45	30.98	0.0				eSKS	56	42.89		EBG	77.79	34	P	46	10.61	-0.2	
KAGJ	70.87	311	P	45	32.70	1.6				e(SS)	00	54.89		JCW	77.89	32	P	46	11.01	-0.2	
GCC	70.88	41	ePd	45	30.85	-0.2				eLQ	05	20.89		RSW	78.01	35	P	46	11.97	-0.1	
PCC	70.93	41	eP	45	31.22	-0.1				eLR	07	50.89		MDW	78.05	34	P	46	12.03	-0.1	
		ePcP	45	49.15			TRT	72.86	267	ePd	45	43.00	-0.3	BGL	78.07	10	iPd	46	10.51	-1.6	
SKR	71.00	340	eP	45	28.40	-3.1X	KKM	73.11	281	ePc	45	47.00	2.1			epP	46	29.12	68kmX		
		eS	54	47.00			MMPM	73.13	42	iPd	45	44.41	-0.5	CP2	78.10	10	iPd	46	10.69	-1.7	
BCH	71.04	44	ePd	45	31.82	-0.4				ipPd	46	02.74	68kmX			epP	46	29.93	71kmX		
SDN	71.16	8	eP	45	50.41	69kmX	MIN	73.15	39	ePd	45	43.80	-0.9	SSE	78.10	307	Pd	46	14.20	1.5	

MSU	78.17	44	epP	46	29.16	69kmX	FBA	82.24	11	iPd	46	33.17	-1.0	N	17s	1.54um					
			iPd	46	13.56	0.3	IMA	82.42	8	iPd	46	35.05	-0.2	E	20s	4.01um					
			epP	46	32.80	71kmX		1.3s	84.35nm			5.7mb		UYO	89.39	54	iPc	47	08.50	-1.6	
WIW	78.20	35	P	46	12.83	-0.1	OIZ	83.11	292	P	46	44.00	4.4X	RLO	89.60	52	eP	47	10.80	-0.3	
GBL	78.20	35	P	46	12.90	-0.1	E	23s	8.35um					YKA	89.89	23	eP	47	26.50	14.6X	
WAH2	78.24	34	P	46	13.07	-0.1	WHN	83.25	304	Pc	46	41.00	0.9		1.1s	32.20nm					
RPW	78.26	32	P	46	12.57	-0.8	Z	24s	5.65um			5.9MszX		LOE	89.99	288	eP	47	15.00	1.7	
OT2	78.40	35	P	46	13.93	-0.2	N	20s	2.89um					MIAR	90.20	54	ePd-	47	13.95	0.0	
DUG	78.60	43	iPd	46	14.92	-0.6	E	22s	4.65um						1.2s	27.58nm			5.4mb		
	1.2s		64.26nm			5.5mb	TIA	83.34	310	P	46	42.10	1.7	Z	19s	11.41um			6.3Msz		
WTV	78.61	33	P	46	14.69	-0.6		1.0s	78.00nm			5.8mb				eP	47	31.96	64kmX		
AGX	78.62	63	(P)	46	19.50	3.7X	Z	22s	10.10um			6.2Msz				e	57	50.49			
SIT	78.63	20	P	46	20.00	4.9X	E	22s	8.99um							S	58	13.25			
	Z	21s	11.87um			6.2Msz		sP				47	01.70								
MRX	78.81	66	(P)	46	18.50	1.7		SS				02	23.00		NST	91.00	286	eP	47	26.80	8.9X
DHW2	78.88	33	P	46	15.84	-1.0	GOL	83.39	46	iPd	46	41.34	0.4	KMI	91.22	296	Pd	47	21.00	1.9	
SAW	78.91	34	P	46	16.30	-0.6		1.3s	51.54nm			5.5mb			2.0s	200.00nm			6.1mb		
PMR	78.96	11	iPc-	46	15.20	-1.6	Z	24s	4.11um			5.7MszX		Z	38s	23.30um			6.3MszX		
	1.3s		310.33nm			6.2mb		ec				46	46.55			pP	47	32.00	35kmX		
	Z	20s	14.12um			6.3Msz		ed				46	51.10			sP	47	40.00			
			epP	46	34.52	71kmX		epP				46	59.12		CIT	91.96	324	eP	47	23.50	1.8
			S	56	11.09		GLD	83.52	46	ePd	46	42.27	0.7			eS	57	55.00			
MDJ	79.10	322	Pc	46	14.70	-3.3X		1.3s	261.33nm			6.3mb		CD2	91.98	301	eP	47	24.90	2.6X	
	2.0s		170.00nm			5.7mb	Z	19s	18.23um			6.5Msz		Z	28s	6.91um			6.0MszX		
	Z	32s	25.60um			6.4MszX								N	22s	7.48um					
	N	22s	12.60um				AIA	83.89	156	eP	46	44.80	2.1			pP	47	36.00	35kmX		
	E	22s	20.70um				KGM	84.31	274	eP	46	46.50	0.7			PP	51	09.00			
			PP	49	20.00		BJI	85.59	313	eP	46	52.00	0.4			SS	04	30.00			
			SKS	56	24.00			1.4s	240.00nm			6.2mb		OLY	92.14	54	ePd	47	22.72	-0.1	
TTA	79.11	8	iPd	46	17.59	-0.1		Z	25s	8.40um		6.0MszX				eP	47	41.31	66kmX		
	1.2s		263.33nm			6.1mb	N	22s	4.40um					CHG	92.92	289	iPc	47	28.00	1.3	
HVU	79.45	41	iPd	46	19.74	-0.4	RSSD	86.20	42	ePc-	46	54.23	-0.7			1.6s	125.83nm			6.1mb	
KLU	79.53	13	eP	46	18.08	-2.0		1.2s	313.72nm			6.4mb		CHTO	92.92	289	ePc	47	28.53	1.8	
			epP	46	37.65	72kmX	Z	18s	8.75um			6.2Msz				epPd	47	36.22	24kmX		
SRU	79.58	45	iPd	46	20.64	-0.3			epP			47	12.84		RFA	93.00	127	ePd	47	29.00	2.0X
DPW	79.65	34	iPd	46	20.21	-0.8	PPI	86.48	270	eP	46	59.00	2.4X			eP	47	25.52	-1.5		
DAU	79.74	43	iPd	46	21.68	-0.3	ACO	86.67	51	iPc	46	56.50	-0.6	CCM	93.06	52	iPd	47	33.63	25kmX	
BALM	79.94	15	ePc	46	21.30	-1.0	BRW	87.11	5	eP	46	57.90	-0.5			epPd	47	31.60	2.9X		
TOA	80.02	13	ePd	46	23.60	0.9	IPM	87.20	275	ePd	47	01.70	1.6	MDZ	93.36	125	i(P)	47	31.00	2.3X	
PV09	80.24	46	iPd	46	24.64	0.0		1.0s	59.50nm			5.8mb		LZH	93.37	306	eP	47	31.00	2.3X	
			epP	46	43.88	71kmX	TIY	87.38	310	iPd	47	03.00	2.4X			1.2s	180.00nm			6.4mb	
PV10	80.25	46	iPd	46	24.06	-0.6		Z	25s	11.60um		6.2MszX			Z	40s	11.10um			6.0MszX	
NJ2	80.31	307	Pd	46	25.80	1.1		N	21s	3.59um					E	20s	3.65um				
	1.0s		34.00nm			5.3mb		E	20s	4.49um						sP	47	50.00			
			sP	46	45.00		OCO	87.51	52	iPc	47	04.10	2.9X	FVM	93.66	52	ePd	47	29.34	-0.4	
UNM	80.46	67	(P)	46	27.00	0.9	MAW	87.98	199	iPc	47	05.00	2.1X		1.1s	98.88nm			6.1mb		
NEW	80.47	34	iPc	46	24.32	-1.0		1.1s	195.70nm			6.3mb		Z	18s	19.14um			6.6Msz		
	1.3s		141.34nm			5.8mb	Z	20s	22.70um			6.6Msz				epP	47	48.28	67kmX		
			epP	46	44.14	73kmX	GYA	88.22	298	iPd	47	07.00	2.1	ULM	93.68	39	ePc	47	31.50	1.9	
ALO	80.53	50	ePd-	46	26.14	0.0		1.2s	87.00nm			6.0mb		BOD	93.90	329	eP	47	30.00	-0.3	
	1.2s		122.79nm			5.8mb	Z	38s	7.04um			5.8MszX			1.5s	30.00nm			5.5mb		
	Z	21s	15.13um			6.3Msz	N	20s	3.02um					GRT	93.95	54	eP	47	31.53	0.4	
			epP	46	44.55	67kmX	E	20s	1.74um					SLM	93.98	51	P	47	40.00	8.8X	
ANMO	80.53	50	ePd	46	27.33	1.2	SNG	88.28	278	eP	47	08.50	3.3X		Z	18s	5.38um			6.0Msz	
			iPd	46	34.78	24kmX	SIO	88.48	52	eP	47	05.40	-0.4	NVL	94.09	182	iPc	47	32.00	0.8	
MGD	80.56	343	ePd-	46	24.00	-1.5	VVO	88.78	53	eP	47	07.00	-0.2		1.8s	256.00nm			6.3mb		
	1.5s		220.00nm			6.0mb	XAN	88.78	306	P	47	08.50	1.2		Z	23s	9.70um			6.2MszX	
	Z	19s	4.80um			5.9Msz		1.0s	84.00nm			6.0mb			N	23s	9.70um				
	N	19s	2.70um					Z	36s	8.04um		5.9MszX			E	20s	2.00um				
	E	19s	3.00um					N	20s	4.67um						e	47	38.00	19kmX		
			e	46	36.00	40kmX		E	20s	4.81um						e	47	53.00			
			e	49	26.00		TUL	88.93	52	ePc	47	07.40	-0.5			eSKS	58	04.00			
			ePPP	51	20.00			1.2s	101.60nm			6.0mb				eS	58	21.00			
			iS	56	28.00			Z	20s	13.15um		6.4Msz				ePS	00	01.00			
			iPS	57	14.00			N	18s	4.30um						eSS	05	06.00			
PV08	80.61	46	ePd	46	26.45	-0.2		E	18s	7.34um						eSSS	08	40.00			
PPM	80.86	67	(P)	46	30.00	1.5			epP			47	27.00		RTLL	94.21	124	ePc	47	35.50	2.9X
CN2	81.17	320	P	46	29.60	0.6			PP			50	49.00		ELC	94.38	53	ePd	47	32.87	-0.2
	1.2s		93.00nm			5.7mb			S			57	43.00				epP	47	51.71	67kmX	
	N	20s	3.02um						e			04	27.00				iPd	47	30.00	-5.0X	
	E	20s	7.83um						e			06	51.00		TIK	94.96	344	iPd	47	30.00	5.9mb
			epP	46	45.00	54kmX			e			10	49.00			1.2s	54.00nm				
			PP	49	39.00				e			13	26.00				e	47	36.00	19kmX	
DL2	81.29	314	eP	46	31.50	1.8			LR			15	37.00				iS	58	11.00		
	1.0s		130.00nm			5.9mb	LNO	88.93	52	ePc	47	07.80	0.0			eS	58	42.00			
	Z	24s	6.09um			5.9MszX			epP			47	26.20		GTA	97.32	309	P	47	49.00	2.4X
	N	22s	4.83um				LNO2	88.93	52	eP	47	07.30	-0.6		1.0s	11.00nm			5.3mb		
	E	22s	6.43um				YAK	89.10	337	iPd	47	06.80	-1.3	Z	24s	14.50um			6.4MszX		
SNY	81.37	318	Pd	46	31.20	1.1		1.3s	127.00nm			6.1mb				sP	48	07.00			
	1.2s		100.00nm			5.7mb			e			57	28.00			PP	51	44.00			
	Z	25s	8.47um			6.0MszX			eS			57	49.00		FCC	97.36	31	eP	47	49.00	2.9X
LRM	81.77	38	ePd	46	32.30	-0.1			ePS			58	57.00		IRK	97.47	322	eP+	47	47.00	0.2
BW06	82.02	42	iPd	46	32.95	-0.8	HHC	89.15	313	Pc	47	11.40	2.4X			eS	58	22.00			
	1.5s		126.76nm			5.7mb															

				e	07	23.00	
VRI	145.26	335	ePKPc	53	52.00	0.7	
GAZ	145.38	315	iPKP	53	52.90	1.1	
BRD	145.41	335	ePKPc	53	54.00	2.4X	
KMTA	145.45	280	iPKPc	53	53.60	0.9	
GRF	145.51	355	iPKPd	53	52.10	0.4	
			e	54	03.40		
			e	54	39.30		
GRFO	145.51	355	ePKPd	53	50.92	-0.7	
			ec	53	57.54		
CVO	145.51	336	ePKPc	53	53.00	1.2	
ABHA	145.56	280	ePKPc	53	55.30	2.3X	
WLF	145.72	1	iPKPd	53	52.68	0.8	
PSZ	145.73	344	ePKP	53	52.70	0.5	
KHC	145.81	352	iPKPd	53	53.10	0.9	
	1.1s	125.50nm					
Z	20s	7.80um				6.5Msz	
N	20s	3.80um					
E	20s	8.10um					
			i	54	04.00		
			i	54	09.00		
MLR	145.88	336	iPKPd	53	54.00	1.4	
WET	145.88	353	iPKPd	53	53.30	1.0	
ISR	145.93	335	ePKPd	53	55.00	2.4X	
GEC2	146.07	352	PKP	53	53.40	0.7	
	1.5s	136.99nm					
			pPKP	54	04.60		
			e	54	14.70		
FLN	146.08	9	ePKP	53	52.80	0.2	
	1.3s	489.55nm					
Z	22s	18.60um				6.8Msz	
ZST	146.12	348	iPKPd	53	54.20	1.5	
			i	54	06.00		
			e	56	21.00		
NAI	146.13	244	ePKPd	53	57.00	3.0X	
	1.0s	5448.00nm					
Z	20s	1.31um				5.7Msz	
VKA	146.21	349	iPKPd	53	54.40	1.6	
	5.5s	5459.00nm					
SRO	146.22	346	iPKP	53	54.60	1.8	
			i	54	06.60		
			i	55	22.50		
LDF	146.30	8	ePKP	53	53.50	0.5	
	1.3s	387.00nm					
BUD	146.36	345	ePKP	53	51.50	-1.6	
TNR	146.38	338	ePKPd	53	45.00	-8.2X	
GRR	146.39	9	ePKP	53	54.00	0.9	
	1.3s	515.55nm					
LANF	146.40	359	PKP	53	54.51	1.4	
CMP	146.42	337	ePKPd	53	55.00	1.7	
HOFF	146.43	359	PKP	53	55.11	2.0X	
SRBF	146.46	359	PKP	53	54.85	1.7	
COZ	146.64	337	ePKPd	53	57.50	3.7X	
BUC	146.70	335	ePKPc	54	00.00	6.3X	
LPF	146.71	10	ePKP	53	55.00	1.4	
	1.2s	511.75nm					
KMR	146.78	351	iPKP-	53	56.30	2.5X	
STR	146.80	359	PKP	53	56.04	2.3X	
WLS	146.97	359	PKP	53	56.26	2.1X	
CDF	146.97	360	PKP	53	56.06	1.9X	
FUR	147.02	355	iPKPd	53	56.50	2.3X	
VITF	147.16	1	PKP	53	56.72	2.3X	
ECH	147.17	360	PKP	53	56.72	2.3X	
LIBD	147.23	359	PKP	53	56.72	2.3X	
BHG	147.28	352	ePKP	53	56.60	2.0X	
HAU	147.38	1	ePKP	53	57.20	2.5X	
	1.2s	429.60nm					
Z	22s	8.10um				6.5Msz	
FEL	147.50	359	PKP	53	57.50	2.4X	
MOF	147.53	360	PKP	53	57.50	2.4X	
BSF	147.55	0	PKP	53	57.57	2.4X	
SLE	147.59	358	ePKPd	53	58.00	2.9X	
EYL	147.68	326	ePKP	53	57.00	1.4	
GPA	147.79	325	ePKP	53	58.20		

BBS	147.92	359	PKP	53	58.72	3.1X	LPO	150.31	8	ePKP	54	04.70	5.3X	HLW	153.23	307	e(PKP)	54	07.00	2.9X
SQTA	147.96	354	iPKPc	53	56.30	0.5		1.3s	187.00nm								e	54	26.00	
	1.4s	413.00nm					IVA	150.33	340	iPKPc	54	05.72	6.1X				e	54	33.00	
			i	53	59.00		BNI	150.33	0	PKP	54	05.90	6.3X				e	04	50.00	
			i	54	10.70		ELL	150.39	320	ePKP	54	06.10	6.2X	ETOR	153.41	15	ePKP	54	13.00	8.9X
			i	54	19.20		ERUA	150.42	21	ePKP	54	05.56	5.9X	PAB	153.91	20	ePKP	54	08.00	3.1X
			i	57	28.10		SRS	150.46	334	ePKP	54	05.06	5.3X				iPKP	54	34.00	
PVL	148.00	334	iPKPc	54	02.00	6.2X	MBH	150.49	304	ePKP	54	01.90	1.7				ePP	58	15.00	
LOR	148.02	4	ePKP	53	59.00	3.2X	BOB	150.54	356	PKP	54	06.10	6.3X	EBR	153.97	11	ePKP	54	16.00	11.3X
	1.1s	254.95nm					HQL	150.54	303	iPKPc	54	03.00	2.8X	TDS	154.35	343	PKP	54	07.90	2.6X
Z	20s	15.75um			6.8msz		PVY	150.55	340	iPKPc	54	06.09	6.1X	EVAL	154.73	26	ePKP	54	07.88	2.0X
LOMF	148.04	0	PKP	53	57.70	1.8	SKO	150.59	338	iPKP	54	01.50	1.6	ECHE	154.84	14	ePKP	54	12.14	6.1X
SSF	148.20	4	ePKP	53	59.60	3.5X		1.2s	186.00nm					EVIA	155.32	18	ePKP	54	11.61	4.8X
	1.2s	528.40nm								54	05.80		ELUQ	155.72	22	ePKP	54	20.96	13.6X	
AAE	148.23	262	ePKP	54	01.00	3.5X				54	11.50		EPRU	155.88	24	ePKP	54	05.48	-2.1	
MFF	148.24	9	ePKP	53	59.30	3.2X				54	16.00		ALJ	155.98	25	ePKP	54	18.00	10.2X	
	1.2s	215.40nm								57	54.50		CNII	156.05	26	ePKP	54	22.00	14.3X	
LBF	148.31	4	ePKP	53	59.80	3.5X				02	38.00		EHUE	156.05	19	ePKP	54	20.55	12.7X	
	1.3s	332.15nm					NKY	150.66	342	iPKPc	54	06.39	6.3X	ECOG	156.22	21	ePKP	54	24.86	16.8X
OGA	148.33	355	ePKP	54	00.30	3.7X	KNT	150.71	335	ePKP	54	05.92	5.8X	EJIF	156.23	25	ePKP	54	13.48	5.5X
HRI	148.34	310	ePKP	53	56.80	-0.1	VAY	150.71	335	iPKP	54	05.40	5.3X	MBO	156.95	89	ePKP	54	17.30	7.9X
FVI	148.41	352	PKP	53	59.90	3.6X		1.2s	230.00nm				ANTZ	159.71	47	ePKPc	54	14.00	1.7	
AVF	148.46	5	ePKP	53	59.80	3.3X				54	26.30					i	54	21.00		
	1.2s	327.25nm					BRY	150.72	342	iPKPc	54	06.20	6.0X	BCAO	164.25	228	iPKPc	54	17.90	0.6
LLS	148.47	357	iPKPc	53	59.80	3.0X	SOH	150.81	334	ePKP	54	06.08	5.8X		1.0s	55.00nm				
PTJ	148.55	348	iPKP	54	00.10	3.3X	KKS	150.87	339	ePKP	54	05.50	5.2X				ic	54	38.50	
OSS	148.58	356	iPKPd	54	00.90	4.0X	DOI	150.88	359	PKP	54	06.70	6.3X				id	55	13.00	
SMF	148.64	4	ePKP	54	00.40	3.6X	SURF	150.91	0	PKP	54	07.13	6.6X				id	58	15.50	
	1.2s	343.95nm					TTC	150.93	341	iPKPc	54	06.76	6.4X				ic	58	56.50	
BGF	148.65	5	ePKP	54	00.50	3.7X	CKI	150.94	358	PKP	54	06.10	5.8X	TIC	165.51	125	PKP	54	17.70	-0.6
	1.2s	407.00nm					MME	151.01	354	PKP	54	07.60	6.8X	KIC	165.56	127	PKP	54	17.10	-1.2
ALT	148.75	324	ePKP	54	01.10	3.8X	HVAR	151.02	345	iPKPc	54	06.50	6.0X	KIC	165.56	127	PKP	54	17.40	-0.9
LSF	148.81	7	ePKP	54	00.60	3.5X	RSM	151.07	352	PKP	54	07.90	7.4X		Z	20s	5.50um			
	1.4s	472.25nm					GRG	151.09	335	ePKP	54	07.69	7.0X		S.D. = 1.1	on 339 of 562 obs.				
VDL	148.83	357	ePKPd	54	01.70	4.3X	HCY	151.15	342	iPKPc	54	07.18	6.5X							
TCF	148.85	6	ePKP	54	01.00	3.8X	BDI	151.15	354	PKP	54	07.80	7.0X							
	1.4s	360.70nm					SFI	151.15	353	PKPd	54	07.60	7.0X							
DIM	148.86	333	iPKPc	54	02.00	4.8X	SDA	151.19	340	ePKP	54	07.80	7.1X							
MAF	148.96	6	ePKP	54	01.50	4.2X	BDV	151.20	341	iPKPc	54	07.46	6.7X							
	1.4s	618.60nm					PGD	151.21	353	PKP	54	07.80	6.8X							
MML	148.96	308	ePKP	53	58.40	0.6	ULC	151.35	341	iPKPc	54	07.80	6.7X	ANT	1.55	235	iPd	12	26.80	0.0
MASJ	149.03	307	PKPd	54	01.00	3.0X	FIR	151.36	353	ePKP	54	07.50	6.6X				iS	12	46.00	
PGB	149.03	335	iPKPc	54	02.00	4.4X	TOUF	151.37	359	PKP	54	05.86	4.6X	YJA	3.32	79	ePd	12	52.50	0.1
TRI	149.13	351	e(PKP)	54	01.90	4.4X	SAOF	151.40	359	PKP	54	06.60	5.5X	HJA	3.36	97	ePd	12	52.50	0.0
			e	54	07.50		PAIG	151.40	332	ePKP	54	19.10	18.0X	CCH	6.05	27	eP	13	31.00	0.0
			e(PKKP)	54	13.10		ARV	151.41	351	PKP	53	57.40	-3.7X	LPB	6.32	8	P	13	43.00	8.1X
			e(pPKP)	54	21.50		CRE	151.43	352	PKP	54	07.80	6.6X	ZOBO	6.55	8	P	13	38.40	0.0
			e(SKKS03)	40.00			MVIF	151.49	360	PKP	54	06.60	5.2X	ARE	6.74	339	eP	13	49.00	8.3X
			e(SKSP07)	28.00			LACI	151.50	340	ePKP	54	07.30	6.1X		S.D. = 0.0	on 5 of 7 obs.				
			e(SPP)	10	40.00		AURF	151.50	359	PKP	54	06.38	5.1X							
			e(SSS)	22	16.00		SBF	151.52	359	PKP	54	06.60	5.3X							
DST	149.19	326	ePKP	54	03.00	5.1X	OHR	151.58	338	iPKP	54	02.20	0.7							
CSS	149.22	314	ePKP	54	03.90	5.8X		1.2s	455.00nm											
TMA	149.24	357	iPKPc	54	03.00	5.0X				54	08.40									
DIX	149.30	359	iPKPc	54	01.90	3.7X				54	19.10									
EMS	149.32	360	ePKPc	54	03.10	5.0X				54	28.20									
MMK	149.32	359	ePKPd	54	03.20	5.0X	ECRI	151.61	15	iPKPd	54	08.68	7.2X	GRG	0.29	351	ePg	56	55.08	-0.2
RIY	149.38	350	ePKP	54	02.80	4.9X	CALN	151.64	360	PKP	54	05.86	4.3X				eSg	56	59.48	
VTS	149.38	336	iPKPc	54	03.00	4.7X	FNA	151.64	336	ePKP	54	08.32	6.7X	THE	0.38	96	ePg	56	57.68	0.5
VAI	149.48	357	PKP	54	02.70	4.7X	CDR	151.70	2	ePKPd	54	08.70	7.2X				eSg	57	03.72	
STS	149.48	23	ePKP	54	03.14	4.9X	TIR	151.70	339	ePKP	54	08.80	7.2X	LIT	0.57	178	ePg	57	00.44	-0.4
RZN	149.51	333	iPKPc	54	03.00	4.5X	LIT	151.77	334	ePKP	54	08.40	6.6X				eSg	57	09.08	
BCK	149.52	321	ePKP	53	59.00	0.5	EPF	151.79	10	ePKP	54	08.80	7.1X	KNT	0.59	34	ePg	57	01.36	0.1
BGIO	149.52	307	ePKP	53	59.60	0.9		0.9s	37.00nm								eSg	57	10.12	
ALN	149.53	331	ePKP	54	02.88	4.6X	FRF	151.83	0	ePKP	54	08.40	6.7X	VAY	0.66	7	iPn	57	02.20	-0.4
KHL	149.58	323	iPKP	54	03.70	5.1X		1.3s	181.25nm					SOH	0.69	77	ePg	57	03.40	0.1
SAL	149.62	355	PKP	54	03.30	5.0X	ASS	151.88	351	PKP	54	09.70	7.8X				eSg	57	13.36	
YTIR	149.66	307	ePKP	54	00.00	1.1	LRG	151.93	1	ePKP	54	09.10	7.3X	FNA	0.83	278	ePg	57	06.12	0.0
RJF	149.74	8	ePKP	54	03.30	4.8X		1.3s	225.30nm								eSg	57	18.04	
	1.3s	252.00nm								54	08.40		SRS	0.97	62	ePg	57	08.20	-0.1	
Z	22s	15.65um			6.8msz					54	08.90	6.9X				eSg	57	22.08		
ORO	149.75	358	PKP	54	03.80	5.1X	LMR	152.05	1	ePKP	54	08.90	6.9X	PAIG	1.19	128	ePb	57	12.04	-0.1
LPL	149.87	0	ePKP	54	04.90	5.9X		1.4s	316.30nm								eSb	57	29.44	
	1.4s	290.15nm					LWI	152.18	233	iPKP+	54	04.00	0.6	OHR	1.34	290	ePn	57	15.20	0.6
LPG	149.89	0	ePKP	54	05.20	6.1X	AQU	152.45	349	PKP	54	08.40	5.7X		S.D. = 0.4	on 10 of 10 obs.				
	1.2s	263.00nm					EGRA	152.48	12	ePKP	54	10.79	8.2X							
AYN	149.91	302	ePKPc	54	01.00	1.8	VLO	152.61	339	ePKP	54	07.20	4.3X							
LFF	150.00	9	ePKP	54	04.00	5.1X	AGG	152.73	333	ePKP	54	10.40	7.2X	%	DEC 24, 1992	03h	11m	46.76±0.93s		
	1.3s	450.55nm					PGF													

24d 03h

S.D. = 1.0 on 5 of 5 obs.
 * DEC 24, 1992 03h 19m 57.93 \pm 1.74s
 38.060 N \pm 9.7km 26.806 E \pm 14.6km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.4 (ISK).

I ZM	0.49	47	iPg	20	06.50	-1.5
			eSg	20	12.50	
CIN	1.11	114	ePg	20	18.00	-0.8
			iSg	20	31.00	
YER	1.49	128	ePn	20	25.00	0.2
EZN	1.80	348	iPn	20	28.40	-0.8
DST	2.10	42	iPn	20	34.40	0.8
KHL	2.16	82	iPn	20	34.80	0.3
EDC	2.43	19	ePn	20	38.00	-0.3
KCT	2.50	28	ePn	20	40.70	1.5
ALT	2.77	68	ePn	20	44.00	0.7

S.D. = 1.1 on 9 of 9 obs.
 * DEC 24, 1992 03h 31m 07.19 \pm 8.42s
 18.660 N \pm 41.3km 67.324 W \pm 52.4km
 DEPTH = 28.8 \pm 10.5 km
 MONA PASSAGE (89)

LRS	0.58	129	iP	31	18.80	-0.1
APR	0.60	110	iP	31	19.20	0.0
MGP	0.69	161	iP	31	20.60	0.0
PORP	0.89	133	iP	31	23.50	-0.1
SJG	1.24	116	iP	31	28.60	-0.1
LPR	1.42	104	iP	31	31.00	-0.3
CPD	1.47	115	iP	31	32.70	0.7

S.D. = 0.4 on 7 of 7 obs.
 * DEC 24, 1992 03h 53m 37.33 \pm 1.25s
 5.547 S \pm 16.8km 144.072 E \pm 19.5km
 DEPTH = 65.2 \pm 44.3 km
 4.3mb (2 obs.)
 NEW GUINEA, PAPUA NEW GUINEA (202)

MDG	1.73	80	eP	54	04.00	-1.7
WWKK	1.96	347	eP	54	09.50	0.5
YYYY	2.01	110	eP	54	09.50	-0.3
FINC	3.91	106	eP	54	38.00	1.7
PMG	4.91	142	eP	54	50.50	0.2
WB2	17.15	213	iPc	57	34.10	-0.2
	0.3s		4.90nm			4.2mb
ASPA	20.51	208	eP	58	12.30	-0.3
	0.8s		14.80nm			4.4mb

S.D. = 1.4 on 7 of 7 obs.
 DEC 24, 1992 04h 33m 22.04 \pm 0.24s
 22.241 S \pm 4.5km 173.837 E \pm 5.7km
 DEPTH = 20.7km (19 depth phases)
 4.9mb (20 obs.) 4.5msz (8 obs.)
 LOYALTY ISLANDS REGION (189)

SVA	5.97	47	eP	34	46.30	-5.2X
VUN	6.05	47	eP	34	46.90	-5.7X
DZM	6.85	270	iPc	35	03.00	-1.1
			iS	36	21.60	
HBZ	15.78	167	P	37	10.00	5.3X
URZ	16.21	171	eP	37	13.00	2.9X
PUZ	16.23	167	P	37	14.40	4.0X
NOZ	16.72	168	eP	37	17.50	1.0
MNG	18.37	176	P	37	37.20	0.0
	0.8s		116.00nm			5.1mb
DIW	18.51	180	eP	37	40.50	1.6
KIW	18.59	177	eP	37	39.80	-0.1
CAW	18.84	177	P	37	42.60	-0.4
MTW	18.91	176	eP	37	42.30	-1.5
TCW	18.92	179	eP	37	43.80	-0.1
MRW	18.95	178	eP	37	43.90	-0.4
BLW	19.12	176	eP	37	44.90	-1.4
LTZ	20.53	183	eP	38	01.20	-0.5
ARMA	21.48	243	eP	38	12.50	0.9
	1.0s		21.00nm			4.5mb
RMQ	23.22	254	iPd	38	30.60	1.8
	0.6s		25.00nm			4.9mb
TUZ	23.90	187	eP	38	36.30	1.2
	0.9s		54.00nm			5.1mb
CNB	25.02	233	eP	38	47.20	1.0
	0.6s		16.00nm			4.8mb
CAN	25.29	234	eP	38	48.80	0.1
CTA	25.80	270	P	38	57.70	4.2X
CMS	26.57	244	eP	39	01.00	0.4

TOO	28.79	232	iPc	39	21.10	0.4
	0.5s		9.00nm			4.8mb
STK	30.18	245	P	39	34.90	1.7
ASPA	36.72	260	iPd	40	28.60	-1.3
	0.9s		11.40nm			4.7mb
Z	22s		0.60um			4.3msz
WB2	36.84	266	iPc	40	29.50	-1.4
	0.5s		3.30nm			4.4mb
WRA	36.85	266	P	40	30.00	-1.0
	0.3s		0.90nm			4.1mb
FORT	41.60	248	eP	41	09.00	-1.3
MBL	49.96	261	eP	42	01.50	-15.4X
NANU	53.60	258	eP	42	44.00	-0.2
MAT	67.46	329	iPc	44	23.30	4.8X
	1.1s		44.30nm			5.5mb
SPA	67.89	180	iPd	44	19.00	-2.1
	1.1s		42.26nm			5.5mb
ARN	84.89	46	(P)	45	57.60	0.8
			epP	46	04.01	20km
LGPM	86.01	43	(P)	46	01.07	-1.3
CM8	86.03	46	eP	46	02.40	-0.1
	0.8s		8.94nm			5.0mb
Z	20s		0.18um			4.5msz
			iPd	46	09.27	22km
ISA	86.10	49	eP	46	02.56	-0.3
	1.1s		25.84nm			5.4mb
ORV	86.11	44	eP	46	09.82	23km
			epP	46	02.39	-0.4
PEC	86.14	51	eP	46	09.24	22km
	0.7s		3.19nm			4.6mb
GSC	87.10	50	eP	46	09.78	19km
BONR	87.39	47	eP	46	07.46	-0.3
			epP	46	09.32	-0.1
			epP	46	16.27	22km
CP2	87.59	16	(P)	46	08.70	-1.1
CRP	87.61	16	eP	46	08.22	-1.6
TNP	88.19	47	eP	46	14.16	1.0
	1.0s		9.80nm			5.1mb
PMR	88.67	17	(P)	46	20.17	19km
	1.0s		10.97nm			5.1mb
LON	89.86	38	(P)	46	20.87	0.2
			epP	46	26.67	18km
TUC	90.12	55	(P)	46	22.89	0.6
	0.9s		7.06nm			4.9mb
ARUT	90.67	49	eP	46	29.84	22km
			epP	46	24.90	0.2
FBA	91.75	15	eP	46	31.66	21km
	0.8s		8.58nm			5.2mb
MSU	91.88	49	eP	46	33.04	20km
			epP	46	30.80	0.4
DPW	92.53	39	eP	46	37.92	22km
			epP	46	33.41	0.5
SRU	93.30	49	eP	46	39.24	18km
			epP	46	37.14	0.3
DAU	93.37	48	eP	46	43.46	20km
			epP	46	37.78	0.5
PV09	94.02	50	eP	46	44.45	21km
			epP	46	40.40	0.1
PV10	94.04	50	eP	46	46.94	20km
			epP	46	39.51	-0.8
PV08	94.40	50	eP	46	46.86	23km
			epP	46	42.02	-0.1
ALQ	94.50	54	eP	46	48.90	21km
	0.8s		3.28nm			4.8mb
Z	18s		0.14um			4.5msz
			iPd	46	48.86	22km
RSSD	99.77	46	P	47	20.00	13.8X
	18s		0.12um			4.4msz
YKA	101.37	27	ePd iff	47	14.30	1.6
	0.8s		0.80nm			4.3mb
MIAR	104.30	58	Pd iff	47	40.00	13.6X
	21s		0.20um			4.6msz
FVM	107.69	56	PKP	52	00.00	10.5X
	21s		0.35um			4.9msz
RSNY	120.48	50	PKP	52	20.00	6.3X
	19s		0.11um			4.5msz
CBM	124.93	48	PKP	52	30.00	7.9X
	18s		0.11um			4.6msz
OJC	145.44	330	ePKP	53	05.70	5.7X
KSP	146.50	334	ePKP	53	02.40	0.7
			i	53	09.30	
EKA	146.88	357	PKP	53	10.00	7.8X
	1.0s		11.10nm			

CLL	147.38	338	iPKP	53	04.30	1.2
	1.2s		14.00nm			
BRG	147.39	336	iPKP	53	04.70	1.6
	1.0s		12.00nm			
PRU	147.87	335	ePKPd	53	05.00	1.1
			e	53	23.00	
WTS	148.65	345	ePKP	53	08.00	2.9X
	0.8s		7.00nm			
KHC	148.93	335	PKP	53	09.50	3.8X
	1.4s		11.70nm			
			e	53	16.50	
			e	53	55.00	
GEC2	149.11	334	PKP	53	09.10	3.0X
	0.8s		2.37nm			
GRF	149.36	338	ePKP	53	10.50	4.2X
			e	53	17.00	
SKO	149.65	317	iPKP	53	10.80	3.8X
BCAO	150.24	237	iPKPc	53	19.50	10.8X
	0.8s		7.00nm			
OHR	150.51	316	ePKP	53	13.00	4.6X
SNF	150.62	346	iPKPc	53	26.33	18.2X
KBA	150.64	332	iPKPc	53	11.90	3.4X
DOU	150.94	346	PKP	53	12.90	4.3X
WTTA	151.21	334	iPKPc	53	14.00	4.6X
SOTA	151.41	335	iPKPc	53	14.50	4.9X
	0.8s		5.60nm			
			i	53	21.50	
			i	53	28.30	
CDF	151.77	341	ePKP	53	15.30	5.2X
	0.8s		4.45nm			
HAU	152.41	342	ePKP	53	16.60	5.7X
	0.5s		1.80nm			
BSF	152.43	341	ePKP	53	16.70	5.6X
	0.6s		2.45nm			
FLN	153.15	352	ePKP	53	17.30	5.4X

4.5mb (3 obs.)
FLORES REGION, INDONESIA (286)
Felt in the Maumere area.

KHKI	6.52	270	eP	47 26.60	2.1
			eS	47 45.00	
			e	51 08.50	
MTN	9.81	117	iPd	48 10.50	0.3
			eS	49 56.00	
MBL	12.84	190	eP	48 35.00	-16.3X
NANU	15.42	204	eP	49 23.00	-2.2
WB2	16.40	135	iPc	49 34.70	-3.1X
	0.8s	15.00nm		4.2mb	
		iS	52 25.80		
WARB	18.13	167	iPd	50 00.30	0.8
ASPA	18.83	145	iPd	50 08.70	0.6
	1.2s	37.20nm		4.5mb	
		eS	53 28.10		
GUN	50.40	317	P	54 44.72	-0.5
PKI	50.50	316	Pc	54 45.28	-0.7
	0.5s	7.00nm		4.9mb	
KKN	50.73	317	P	54 48.26	0.7
DMN	50.73	316	P	54 48.06	0.4
GKN	51.30	316	P	54 50.52	-1.4

S.D. = 1.4 on 10 of 12 obs.

* DEC 24, 1992 04h 54m 46.50±3.21s
31.179 S ±18.7km 68.666 W ±22.7km
DEPTH = 124.6 ± 23.2 km

SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.23	132	iPc	55 04.00	-0.3
			S	55 16.50	
RTCB	0.33	200	iPd	55 05.00	0.3
CFA	0.56	140	iPc	55 05.70	0.1
			S	55 18.20	
RTCV	0.69	171	iPd	55 06.30	-0.3
MDZ	1.71	185	iP	55 18.50	1.4
			iS	55 41.50	
RTPR	2.05	65	ePd	55 21.70	0.5
			S	55 47.10	
MRA	2.80	117	ePc	55 31.10	0.2
			S	55 59.70	
TCA	3.49	94	e(P)	55 40.00	-0.3
			S	56 18.00	
RFA	3.59	177	iP	55 40.40	-1.1
			(S)	56 13.00	
GEC2	108.15	44	PKP	13 00.70	-0.3
	1.2s	1.19nm			

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

* DEC 24, 1992 05h 00m 47.43s
34.409 N 116.481 W
DEPTH = 3.5km

SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

PEC	0.76	228	ePc	01 01.50	-1.2
GSC	0.93	343	eP	01 05.15	-0.7
SSK	1.02	259	eP	01 06.21	-1.3
			eS	01 19.96	
PLM	1.10	197	ePc	01 07.65	-1.2
GLA	1.93	134	ePn	01 20.93	-0.6
			ePg	01 23.00	
ISA	2.06	308	ePn	01 24.47	1.1
			ePg	01 25.50	
ARUT	4.17	35	(P)	01 51.76	-1.8
BUL	146.06	74	iPKPd	20 20.00	-10.1
CIR	148.88	73	iPKPd	20 17.60	-16.8

9 obs. associated
DEC 24, 1992 05h 09m 47.46±0.16s
42.221 N ±3.9km 72.225 E ±2.6km
DEPTH = 37.5km (11 depth phases)
5.2mb (99 obs.) 5.0MsZ (23 obs.)
KYRGYZSTAN (716)

Felt (IV) at Toktogul, Kara-Kul
and Talos; (III) at Bishkek.
Felt (IV) at Dzombul and (II)
at Chimkent, Kazakhstan.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 26C
Centroid Location:
Origin Time 05:09:47.2 1.2
Lot 42.45N 0.09 Lon 72.23E 0.08
Dep 26.1 4.6 Half-duration 1.1

Moment Tensor; Scale 10**17 Nm
Mrr= 1.08 0.05 Mtt=-1.11 0.06
Mff= 0.03 0.07 Mrt=-0.48 0.18
Mrf= 0.55 0.18 Mtf= 0.14 0.06
Principal Axes:
T Vol= 1.38 Plg=67 Azm=246
N -0.11 18 107
P -1.27 14 12
Best Double Couple: Mo=1.3*10**17
NP1: Strike= 79 Dip=35 Slip= 57
NP2: 297 61 110

FRU	1.87	70	iPnd-	10 17.50	-0.2
			i	10 28.00	
			i	10 56.00	
TLG	3.94	73	ePn	10 45.00	-2.1
			e	10 53.00	
			e	11 31.00	
KSH	3.97	133	Pn	10 49.50	1.9
			Sn	11 39.00	
PRZ	4.58	85	ePn	10 59.00	2.7X
			eS	12 10.00	
SEM	9.89	31	iPd-	12 04.40	-5.7X
	1.3s	581.00nm		6.6mb X	
BRVK	10.92	354	iPd	12 11.00	-13.2X
	1.2s	364.00nm			
WMO	11.44	77	P	12 31.00	-0.4
	1.5s	72.00nm		5.6mb	
		eS	14 40.00		
ASH	11.45	253	eP	12 26.50	-5.0X
	1.1s	320.00nm		6.4mb X	
		S	14 30.00		
MAIO	11.50	243	eP	12 27.00	-5.3X
	0.9s	34.10nm		5.5mb	
		eS	14 23.00		
KAT	12.48	261	iP-	12 41.50	-3.8X
			iS	14 54.00	
QUE	12.74	201	eP	12 50.00	1.1
			eS	15 14.00	
NDI	14.10	162	iPc	13 02.00	-4.7X
	0.5s	239.44nm		6.1mb	
		iS	15 29.00		
ELT	14.49	36	iPd	13 04.00	-7.7X
	1.4s	167.00nm		5.4mb	
SVE	16.39	337	iPd	13 28.00	-8.1X
	2.1s	720.00nm		5.4mb	
		eS	16 34.00		
ARU	16.69	333	iPd	13 32.30	-7.6X
		eSS	16 53.00		
BAK	16.87	271	iPc	13 45.00	2.7X
		iS	16 56.00		
GKN	17.42	141	Pd	13 45.12	-4.2X
TEH	17.43	255	e(P)	13 52.00	2.6X
KKN	17.90	139	Pd	13 50.84	-4.6X
	0.6s	308.00nm		5.6mb	
DMN	17.97	140	Pd	13 52.24	-4.1X
	0.7s	264.00nm		5.5mb	
GUN	18.10	138	P	13 53.78	-4.2X
PKI	18.15	139	Pd	13 54.22	-4.4X
	0.8s	348.00nm		5.6mb	
GRO	19.49	282	iPc	14 13.50	-0.6
	Z 12s	25.00um			
	N 16s	10.00um			
	E 13s	12.00um			
		iS	17 50.00		
LSA	19.72	123	Pc	14 17.40	0.2
	1.4s	35.00nm		4.5mb	
	Z 14s	2.73um		4.4MsZ	
		pP	14 23.50	24kmX	
SHI	20.24	238	iPc	14 21.00	-1.3
GTA	21.03	88	iPd	14 30.00	-0.4
	1.0s	95.00nm		5.1mb	
	Z 10s	6.41um		5.3MsZ	
		pP	14 36.00	22kmX	
		S	18 24.00		
PYA	21.32	285	iPd-	14 32.00	-1.1
	1.0s	450.00nm		5.8mb	
	Z 12s	3.50um		5.0MsZ	
		i	14 45.00	55kmX	
		i	14 55.00		
		iS	18 28.00		
		i	18 52.00		
MOY	21.67	54	eP	14 35.20	-1.3
	1.6s	175.00nm		5.2mb	
ZAK	22.83	58	ePc	14 47.50	-0.4
	1.4s	150.00nm		5.3mb	
BOM	23.26	179	iPc	14 51.50	-0.9

POO	23.65	176	iPc	14 57.40	1.1
			iS	19 21.00	
SOC	23.77	284	iPc+	14 59.50	2.2
	2.5s	400.00nm		5.5mb	
Z 14s		3.00um		4.9MsZ	
N 16s		2.50um			
E 16s		2.50um			
IRK	23.81	54	ePc	14 57.00	-0.5
	Z 14s	5.15um		5.2MsZ	
	E 16s	4.83um			
		e	15 30.00	152kmX	
		e	15 02.80	21kmX	
		e	15 25.00		
DHR	24.09	236	iPc	15 02.00	1.6
		eS	19 30.00		
LZH	25.18	94	iPc	15 11.50	0.4
	1.5s	110.00nm		5.2mb	
Z 12s		2.64um		5.0MsZ	
N 10s		4.50um			
		pP	15 18.50	25kmX	
		sP	15 21.00		
		PP	15 51.00		
		S	19 36.00		
		sS	19 50.00		
HYB	25.31	166	iPc	15 12.00	-0.2
	1.2s	414.30nm		5.9mb	
		i	15 26.50	61kmX	
		i	15 32.50		
		eS	19 34.00		
ANN	25.34	288	eP	15 10.50	-1.7
	0.9s	40.00nm		5.0mb	
Z 15s		2.50um		4.9MsZ	
N 15s		2.50um			
E 15s		3.70um			
MOS	26.11	313	eP	15 19.00	-0.3
	2.0s	240.00nm		5.4mb	
Z 15s		7.20um		5.3MsZ	
		e	15 30.00	42km	
		e	15 56.00		
OBN	26.50	311	eP	15 23.00	0.1
	2.5s	510.00nm		5.7mb	
		i	15 31.00	28km	
		eS	19 54.00		
GAZ	27.28	271	iP	15 29.00	-1.2
RYD	27.43	239	iPc	15 30.00	-1.8
		eS	20 10.00		
MJMA	27.49	242	ePc	15 30.50	-1.8
CD2	27.58	104	eP	15 33.00	0.0
Z 20s		3.00um		4.9MsZ	
E 10s		2.32um			
BTO	28.24	80	eP	15 38.40	-0.6
NRI	28.47	12	iPd	15 38.20	-2.4
	1.3s	68.00nm		5.2mb	
		e	20 32.00		
KAS	28.53	281	eP	15 41.50	0.0
GBA	28.87	169	P	15 43.70	-1.0
		S	20 43.70		
HHC	29.30	79	Pc	15 49.40	0.8
	1.2s	24.00nm		4.8mb	
Z 12s		4.33um		5.3MsZ	
N 13s		3.14um			
E 11s		2.45um			
		eS	20 46.00		
CIT	29.44	56	eP	15 48.50	-1.2
Z 19s		5.19um		5.2MsZ	
		eS	20 42.00		
XAN	29.82	94	Pc	15 57.50	4.3X
	1.0s	28.00nm		5.0mb	
Z 12s		2.81um		5.1MsZ	
N 12s		3.48um			
E 12s		2.37um			
		pP	16 01.10	12kmX	
		sP	16 09.00		
KMI	30.37	114	Pc	15 58.00	-0.4
	1.5s	150.00nm		5.6mb	
Z 10s		4.10um		5.4MsZ	
N 11s		0.90um			
E 11s		1.00um			
		sP	16 13.50		
BOD	30.56	45	eP	15 56.50	-2.9X
	0.8s	29.00nm		5.1mb	
KIS	30.93	294	eP	16 10.00	7.3X
Z 12s		3.10um		5.2MsZ	
		i	17 23.00	394kmX	
		e	23 08.00		
TIY	30.94	85	Pc	16 03.00	-0.1

Z	16s		3.80um		5.1MszX			i	18 36.70		WLF	45.20 303 P	18 03.00	0.7
PUL	31.00	319	S	21 09.00		YAK	38.86	39 eP	17 08.00	-2.4		e	18 13.00	34km
			eP	15 55.00	-8.2X		1.0s	327.00nm		6.1mb	BSF	45.35 301 eP	18 03.10	-0.6
			e	16 06.00	41km			e	18 45.00	547kmX		1.1s	49.55nm	5.3mb
CSS	31.05	270	eP	16 04.70	0.8			ePPP	19 17.00		IPM	45.41 138 eP	18 04.90	0.5
MNK	31.53	307	eP	16 05.00	-2.9X	HFS	39.31	318 eP	17 12.30	-1.9	DIX	45.52 298 iPd	18 04.42	-0.8
Z	14s		6.70um		5.5MszX		0.5s	33.10nm		5.4mb	HAU	45.58 301 eP	18 04.90	-0.5
CLI	32.07	293	eP	16 22.50	9.6X	Z	17s	1795.00um		8.0MszX		1.1s	30.50nm	5.1mb
AYN	32.10	257	ePc	16 13.50	0.3			LR	30 58.00		Z	23s	1.38um	4.8MszX
KOD	32.19	170	eP	16 14.00	-0.4	PRU	39.85	302 eP	17 18.60	-0.2	PGF	45.71 293 eP	18 06.40	-0.2
			eS	21 40.00				i	17 19.60	3kmX		1.2s	55.95nm	5.4mb
GYA	32.23	108	iPc	16 14.00	-0.6	PTJ	39.89	295 eP	17 21.10	1.8	VITF	45.74 301 P	18 06.81	0.1
	1.0s		58.00nm		5.4mb	BRG	40.06	303 iP	17 20.50	0.0	EMS	45.83 298 iPd	18 05.88	-1.8
Z	14s		1.90um		4.9MszX		1.9s	60.00nm		5.0mb	DOU	46.03 304 P	18 09.60	0.7
N	12s		2.12um					e	18 06.00	215kmX		1.0s	27.80nm	5.1mb
E	12s		1.65um			TIK	40.14	24 iPd-	17 20.00	-0.9	SNF	46.10 305 iPc	18 10.06	0.6
			S	21 30.00			1.0s	152.00nm		5.7mb	LPG	46.15 297 eP	18 09.70	-0.6
CHG	32.53	128	iPc	16 15.60	-1.5			i	17 32.00	44km		1.1s	35.90nm	5.2mb
	1.2s		33.98nm		5.1mb			e	17 34.00		LPL	46.15 297 eP	18 09.90	-0.3
VRI	32.57	292	ePd	16 22.00	4.9X			e	17 34.00			0.6s	8.05nm	4.8mb
DST	32.79	280	eP	16 20.00	0.8			e	19 25.00		RSL	46.17 298 P	18 07.96	-2.3
APA	32.84	334	iPd	16 28.80	9.6X			iS	23 26.00		SBF	46.28 295 eP	18 10.80	-0.2
BJI	32.90	79	eP	16 20.50	0.4	SSE	40.32	90 Pc	17 23.40	0.6		1.1s	57.15nm	5.4mb
	1.0s		13.00nm		4.8mb		1.4s	44.00nm		5.0mb	BNI	46.36 297 P	18 11.90	0.2
Z	16s		1.75um		4.9MszX	Z	20s	1.40um		4.8Msz	FRF	46.92 295 eP	18 15.60	-0.4
N	10s		2.29um					pP	17 35.50	44km		1.1s	36.65nm	5.3mb
MLR	33.18	292	ePc	16 24.50	1.9			ePP	19 06.00		LMR	47.10 295 eP	18 17.00	-0.4
WAJM	33.28	253	ePc	16 24.60	1.2			S	23 30.00			1.5s	65.30nm	5.4mb
KAF	33.50	322	eP	16 24.90	-0.2	CLL	40.56	304 iP	17 24.80	0.3	LRG	47.16 295 eP	18 17.30	-0.5
	0.9s		21.50nm		5.1mb		1.5s	37.00nm		4.9mb		0.8s	20.70nm	5.2mb
BDT	33.80	129	eP	16 26.50	-1.6	GEC2	40.64	300 Pd	17 24.20	-1.2	Z	23s	0.75um	4.6MszX
CMP	33.85	292	ePd	16 31.00	2.7X		1.1s	26.42nm		4.9mb	LOR	47.41 301 eP	18 18.60	-1.3
NUR	33.93	319	iP	16 27.70										

	0.8s	10.90nm	4.9mb	RSSD	93.98	357 eP	23 02.85	0.0		0.5s	20.00nm	4.9mb
DMU	51.50	312 eP	18 51.50 0.4		1.0s	23.73nm		5.6mb	RMQ	31.30	252 iPd	59 17.10 0.6
DLF	51.51	311 eP	18 51.00 -0.2	Z	19s	0.92um		5.3Msz		0.3s	27.00nm	5.3mb
DCN	51.91	311 eP	18 56.30 2.1	BW06	95.37	1 eP	23 08.44	-0.9	CNB	32.53	236 iPc	59 27.10 0.3
TSM	55.41	120 ePc	19 20.10 -0.4		1.1s	6.68nm		5.0mb		0.6s	17.00nm	4.8mb
PAB	56.09	295 eP	19 26.00 0.8	CVL	95.83	337 eP	23 12.27	1.1	CAN	32.81	236 iPd	59 29.40 0.2
BCAO	60.66	247 iPc	19 55.00 -2.3	HVU	96.26	4 eP	23 13.74	0.4	BWA	33.00	238 iPd	59 28.60 -2.2
	0.8s	77.00nm	5.9mb	WDC	96.50	11 P	23 20.00	5.8X	CMS	34.46	244 eP	59 43.10 0.1
BRW	61.54	16 eP	20 41.10 200kmX		Z	20s	0.41um	4.9Msz		0.6s	14.00nm	4.7mb
RES	63.06	356 eP	20 14.00 1.4	DAU	97.69	3 eP	23 20.00	0.1	TOO	36.20	234 iPd	59 58.20 0.8
	1.0s	7.00nm	4.7mb	DUG	97.84	4 eP	23 22.13	1.7		0.8s	17.00nm	4.7mb
IMA	66.40	19 eP	20 32.88 -1.6	CEH	97.96	337 P	23 30.00	9.2X	STK	38.09	244 iPd	00 13.60 0.7
	1.0s	18.67nm	5.1mb		Z	18s	0.49um	5.0Msz		0.6s	11.00nm	4.6mb
TTA	68.35	22 eP	20 46.34 -0.4	EMUT	98.30	2 eP	23 23.60	1.0	MDG	38.49	288 eP	00 17.30 1.0
	1.2s	24.19nm	5.1mb	GLD	98.38	358 P	23 30.00	7.1X	ASPA	44.81	257 iPd	01 06.60 0.0
FBA	68.72	17 eP	20 47.53 -1.4		Z	18s	0.79um	5.2Msz		0.7s	157.00nm	5.7mb
SVW	69.93	23 (P)	20 54.79 -1.6	GOL	98.43	358 P	23 30.00	6.8X	WBZ	44.86	262 iPc	01 06.40 -0.7
	1.1s	45.75nm	5.4mb		Z	21s	0.21um	4.6Msz		0.4s	87.50nm	5.6mb
BGL	70.70	21 eP	21 01.37 0.2	FVM	98.62	346 P	23 30.00	6.2X	WRA	44.87	262 P	01 06.80 -0.4
CP2	70.73	21 ePc	21 02.19 0.7		Z	18s	0.86um	5.3Msz		0.8s	12.70nm	4.5mb
CRP	70.75	21 eP	21 01.51 -0.1	SRU	99.01	2 eP	23 24.86	-0.9	MTN	49.42	270 iPc	01 41.00 -0.8
PMR	71.26	19 eP	21 03.10 -1.3	CMB	99.30	10 P	23 40.00	13.0X		0.8s	209.00nm	5.6mb
	0.9s	23.76nm	5.2mb		Z	19s	0.50um	5.0Msz	FORT	49.59	246 eP	01 41.50 -1.4
Z	21s	0.96um	5.0Msz	MSU	99.55	3 eP	23 30.22	1.9	WARB	51.12	252 iPd	01 53.10 -1.1
PMS	71.45	20 eP	21 04.90 -0.7	PV08	99.58	1 eP	23 30.59	2.0	MBL	58.04	257 iPd	02 27.50 -15.5X
TOA	71.52	18 eP	21 06.60 0.5	BONR	99.63	8 eP	23 29.98	1.2		0.5s	61.00nm	
SLKM	71.91	21 eP	21 06.66 -1.7	PV09	99.65	1 eP	23 30.76	1.9	NANU	61.68	255 eP	03 06.60 -0.5
KLU	72.11	18 eP	21 08.62 -1.0	HON	101.60	47 Pd iff	23 50.00	12.7X		0.6s	49.00nm	5.2mb
BALM	73.32	17 eP	21 16.19 -0.5		Z	20s	0.24um	4.7Msz	LCCM	88.77	40 eP	05 37.40 0.4
YKA	75.49	3 eP	21 27.80 -1.2	ISA	101.87	9 Pd iff	23 50.00	11.7X	CHG	90.42	290 eP	05 46.40 1.5
	0.9s	32.40nm	5.3mb		Z	21s	0.88um	5.2Msz	EKA	144.81	5 PKP	12 16.00 -0.4
KIC	76.10	266 Pc	21 31.80 -1.5	MIAR	102.50	348 Pd iff	23 50.00	8.9X		1.0s	8.90nm	
	1.1s	39.00nm	5.3mb		Z	19s	0.62um	5.1Msz	WIT	147.40	355 ePKP	12 24.00 3.4X
TIC	76.12	266 Pc	21 31.90 -1.5	ALQ	103.20	359 Pd iff	23 50.00	5.6X	KSP	147.60	343 iPKPd	12 24.20 3.1X
LIC	76.41	266 Pc	21 33.40 -1.6		Z	20s	0.69um	5.2Msz	CLL	147.95	347 iPKPd	12 24.90 3.3X
Z	20s	0.24um	4.5Msz	TUC	105.78	3 PKP	28 20.00	11.4X		0.8s	28.00nm	
MBL	76.87	135 iPc	21 22.40 -14.9X		Z	20s	0.87um	5.3Msz	BRG	148.16	346 iPKPd	12 25.30 3.4X
	0.5s	18.00nm		ZOBO	137.39	295 PKP	29 10.80	0.9		0.7s	17.00nm	
FCC	78.74	353 eP	21 50.00 2.9X		Z	20s	0.18um	4.8Msz		e	12 30.10	
SLR	78.86	220 iPd	21 48.50 0.1	LPB	137.54	295 ePKP	29 08.00	-1.9	WTS	148.20	355 ePKP	12 25.50 3.6X
	1.0s	35.00nm	5.3mb	CNCB	137.65	294 PKP	29 09.00	-1.3		0.7s	18.00nm	
FRS	83.64	220 iPc	22 12.70 -0.5	MRA	145.44	272 ePKPc	29 21.50	-1.4	PRU	148.84	345 PKP	12 27.50 4.5X
	0.8s	33.58nm	5.5mb	AIA	146.52	212 ePKP	29 25.20	1.6		0.8s	8.70nm	
WRA	84.27	123 P	22 16.10 -0.5	RTLL	146.96	276 ePKPc	29 26.00	0.5		e	12 33.50	
	0.7s	0.60nm	3.8mb X	RTCV	147.27	275 ePKP	29 28.00	2.0	MOX	148.86	348 ePKP	12 27.50 4.5X
WB2	84.28	123 iPd	22 15.60 -1.1	RTCB	147.28	276 ePKPd	29 29.00	2.9X		1.4s	15.00nm	
	0.5s	9.60nm	5.2mb	MDZ	148.00	274 i(PKP)	29 30.50	3.3X	GRF	149.85	348 iPKPd	12 30.10 5.5X
LMN	84.32	331 ePc	22 21.50 4.9X	RFA	148.56	271 e(PKP)	29 29.00	1.0	KHC	149.87	345 PKP	12 30.40 5.8X
CBM	84.51	334 eP	22 18.15 0.6		S.D. = 1.2	on 230 of 280 obs.				1.0s	7.00nm	
	1.3s	111.85nm	5.9mb							e	12 38.00	
Z	20s	0.81um	5.1Msz	? DEC 24, 1992 05h 20m 10.67± 5.92s					GEC2	150.11	345 PKP	12 30.30 5.2X
MIM	86.30	334 eP	22 28.38 1.9	39.245 N ±44.9km	28.734 E ±43.5km					0.9s	5.68nm	
ASPA	86.80	126 eP	22 28.40 -0.7	DEPTH = 10.0km (geophysicist)					WLF	150.57	355 PKP	12 32.00 6.4X
	1.0s	20.40nm	5.3mb	TURKEY					LDF	151.74	3 ePKP	12 33.10 5.7X
ULM	87.32	352 eP	22 34.50 3.1X	MD 2.8 (ISK).						0.5s	7.70nm	
EEO	87.92	341 eP	22 39.00 4.7X						GRR	151.90	4 ePKP	12 34.10 6.5X
RSNY	88.63	337 ePc	22 37.80 0.0						HAU	152.20	354 ePKP	12 34.80 6.7X
	1.3s	93.53nm	5.9mb							0.4s	2.70nm	
Z	21s	0.38um	4.8Msz						LPF	152.24	5 ePKP	12 35.00 6.9X
JCW	89.11	9 P	22 39.89 -0.1							0.5s	10.05nm	
NEW	89.52	6 eP	22 42.05 0.1	KCT	1.04	344 ePg	20 31.00	0.6	BSF	152.32	353 ePKP	12 35.10 6.7X
	1.3s	57.95nm	5.7mb	ALT	1.09	100 ePg	20 31.00	-0.2		0.4s	1.15nm	
HRV	89.57	334 P	22 50.00 7.8X						LOR	153.10	358 ePKP	12 36.90 7.5X
	Z	18s	0.42um	YLV	1.41	20 ePn	20 36.80	0.4		0.4s	1.25nm	
			4.9Msz		S.D. = 1.2	on 4 of 4 obs.			SSF	153.32	358 ePKP	12 37.40 7.8X
WTV	89.82	8 P	22 44.45 1.0							0.5s	1.45nm	
DPW	89.82	7 eP	22 44.59 1.2									
FMW	90.38	9 P	22 47.89 1.7						LBF	153.38	357 ePKP	12 37.80 8.0X
LON	90.54	10 eP	22 46.17 -0.6						MFF	153.72	4 ePKP	12 38.00 7.8X
WPW	90.62	9 P	22 48.94 1.7							0.5s	2.40nm	
CRF	90.74	8 P	22 49.12 1.5						BGF	153.84	359 ePKP	12 38.40 8.1X
WAH2	90.79	8 P	22 49.59 1.8							0.4s	0.95nm	
TDL	90.88	10 P	22 50.35 1.9						TCF	154.11	0 ePKP	12 38.90 8.1X
MXC	90.89	9 P	22 50.37 2.0						LSF	154.14	1 ePKP	12 38.70 7.9X
ERK	90.91	10 P	22 50.71 2.2							0.6s	2.55nm	
FL2	91.02	10 P	22 51.16 2.1						MAF	154.18	360 ePKP	12 39.40 8.6X
SHW	91.03	10 eP	22 50.02 0.9							S.D. = 1.2	on 31 of 58 obs.	
ASR	91.16	10 P	22 51.39 1.7									
MTMW	91.20	10 P	22 51.92 2.0						% DEC 24, 1992 06h 10m 12.65± 1.22s			
PRW	91.32	8 P	22 52.52 2.2						44.116 N ±17.5km	11.215 E ± 5.9km		
TBR	91.65	335 eP	22 51.43 -0.4						DEPTH = 10.0km (geophysicist)			
VGB	91.88	9 ePc	22 54.35 1.4						NORTHERN ITALY		(545)	
LVNJ	92.12	336 eP	22 53.54 -0.5									
LRM	92.24	3 eP	22 56.70 1.8									
CROR	92.38	9 P	22 57.48 2.2						MME	0.38	282 Pc	10 20.80 0.3
VIPM	92.89	9 P	22 59.67 1.9							eSg	10 29.10	
									PGD	0.44	123 P	10 21.60 0.0
										eSg	10 31.20	

24d 06h

BDI 0.45 263 Pc 10 21.20 -0.6
 eSg 10 28.50
 SFI 0.50 113 P 10 22.90 0.1
 PII 0.64 232 P 10 25.80 0.4
 CRE 0.72 132 P 10 26.70 -0.2
 S.D. = 0.5 on 6 of 6 obs.

DEC 24, 1992 06h 13m 20.73 ± 0.57s
 31.623 S ± 6.6km 67.870 W ± 5.4km
 DEPTH = 11.0 ± 4.0 km
 SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.32 273 iPc 13 27.60 0.2
 RTLL 0.59 300 iPc 13 32.10 -0.5
 RTCB 0.81 279 iPd 13 35.50 -0.8
 S 13 55.00
 MDZ 1.51 213 iP 13 48.60 0.9
 i 14 03.20
 MRA 2.00 114 ePd 13 54.10 -0.6
 JACH 2.54 245 iP 14 03.71 1.1
 iS 14 36.25
 FCH 2.66 230 iPd 14 05.13 0.5
 TCA 2.82 85 i(P) 14 05.80 -0.8
 S 14 39.70
 PEL 2.82 237 iPd 14 06.76 0.1
 iS 14 45.40
 ROCH 2.98 242 iPd 14 08.59 -0.4
 iS 14 45.21
 SAN 2.98 232 eP 14 10.42 1.6
 iS 14 49.74
 PCH 2.99 228 iP 14 10.28 1.3
 iS 14 50.06
 RFA 3.18 189 eP 14 07.50 -4.2X
 (S) 14 55.00
 TACH 3.29 231 iP 14 12.19 -1.0
 iS 14 57.26
 CHCH 3.29 225 iP 14 13.33 0.1
 iS 14 58.29
 LCCH 3.63 238 iP 14 16.37 -1.7
 CYA 3.64 30 iPd 14 18.50 0.2
 LNV 3.78 231 iP 14 18.17 -2.0
 FSA 5.75 17 ePc 14 49.00 0.9
 S 16 24.00
 S.D. = 1.1 on 18 of 19 obs.

? DEC 24, 1992 06h 49m 27.30 ± 7.54s
 39.268 N ± 53.5km 28.684 E ± 22.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

DST 0.34 353 iPg 49 33.80 -0.5
 eSg 49 38.30
 KCT 1.01 346 iPn 49 47.60 1.1
 EDC 1.25 330 ePn 49 50.00 -0.5
 YLV 1.40 22 ePn 49 52.80 -0.1
 S.D. = 1.4 on 4 of 4 obs.

* DEC 24, 1992 07h 15m 07.22 ± 0.88s
 19.955 S ± 12.5km 167.979 E ± 19.0km
 DEPTH = 33.0km (normol)
 4.5mb (9 obs.)

VANUATU ISLANDS REGION (185)

PVC 2.23 8 iPc 15 43.00 0.5
 iS 16 11.50
 BKM 2.29 6 iPc 15 43.50 0.0
 DZM 2.55 214 iPd 15 43.10 -4.1X
 iS 16 11.00
 ARMA 18.08 232 iPd 19 18.40 0.7
 0.9s 10.00nm 4.0mb
 RMO 18.82 246 eP 19 27.70 1.0
 CNB 22.44 223 iPd 20 06.40 1.7
 0.4s 22.00nm 5.0mb
 BWA 22.53 226 iPd 20 04.80 -0.9
 CAN 22.68 224 iPd 20 07.80 0.7
 CMS 22.98 236 eP 20 10.30 0.3
 0.9s 26.00nm 4.7mb
 TOO 26.29 223 eP 20 41.00 -0.6
 0.5s 6.00nm 4.5mb
 STK 26.46 238 iPd 20 42.90 -0.3
 0.6s 6.50nm 4.4mb
 ePp 20 54.00 42kmX
 WB2 31.58 264 iPc 21 27.60 -1.6
 0.5s 8.20nm 4.8mb
 WRA 31.59 264 P 21 27.90 -1.4
 0.5s 0.90nm 3.9mb

ASPA 31.81 257 iPd 21 29.80 -1.4
 0.8s 41.10nm 5.4mb
 Z 18s 0.60um 4.3mszX
 ipP 21 40.80 41kmX
 LZH 82.33 313 eP 27 40.50 13.1X
 1.4s 18.00nm

GUN 92.50 299 PKP 28 18.60 1.6
 PKI 92.76 298 PKP 28 19.40 1.2
 KKN 92.95 298 PKP 28 19.60 0.7
 DMN 93.03 298 PKP 28 20.20 0.9
 GKN 93.55 298 PKP 28 22.00 0.4
 YKA 101.85 28 ePdiff 28 58.40 0.2
 0.4s 0.20nm 4.1mb
 MOX 144.12 334 ePKP 34 51.20 10.1X
 SKO 144.22 315 iPKP 34 39.80 -1.7
 1.2s 55.00nm

KHC 144.39 331 ePKP 34 52.50 10.8X
 e 35 40.50
 GEC2 144.54 330 PKP 34 53.00 11.0X
 e 34 59.20
 GRF 145.02 333 iPKPd 34 42.40 -0.3
 e 34 46.10
 ed 34 54.60
 OHR 145.04 314 ePKP 34 40.70 -2.3
 BCAO 146.48 247 iPKPc 34 46.90 0.7
 0.9s 27.00nm

id 35 24.10
 WLF 147.00 338 PKP 34 49.00 3.2X
 CDF 147.62 336 ePKP 34 49.40 2.3X
 HAU 148.31 336 ePKP 34 51.30 3.2X
 FLN 149.80 345 ePKP 34 55.70 5.4X
 LOR 149.84 338 ePKP 34 55.10 4.6X
 0.9s 6.40nm
 LBF 150.04 338 ePKP 34 55.60 4.8X
 SSF 150.14 338 ePKP 34 55.90 5.0X
 0.9s 7.20nm
 LPL 150.17 333 ePKP 34 56.60 5.3X
 LPG 150.18 333 ePKP 34 56.60 5.2X
 0.5s 1.80nm
 LPF 150.61 345 ePKP 34 56.90 5.4X
 TCF 151.25 339 ePKP 34 57.50 4.9X
 S.D. = 1.2 on 23 of 39 obs.

& DEC 24, 1992 07h 28m 44.85s
 63.125 N 150.375 W
 DEPTH = 110.6km
 CENTRAL ALASKA (1)
 <AEIC>.

TRF 0.33 7 iP 29 01.04 -0.2
 eS 29 13.02
 HUR 0.37 113 iP 29 00.93 -0.3
 S 29 12.97
 RND 0.74 67 iP 29 03.57 -0.4
 eS 29 18.13
 MCK 0.89 46 iP 29 04.90 -0.4
 S 29 19.57
 SKT 1.27 205 iP 29 08.78 -0.6
 eS 29 27.31
 PWA 1.50 171 P 29 12.10 0.1
 GHO 1.52 153 P 29 12.30 -0.1
 NEA 1.57 21 eP 29 11.85 -1.0
 SML 1.63 143 eP 29 13.26 -0.4
 S 29 35.40
 PLRM 1.64 159 eP 29 13.20 -0.6
 S 29 35.52
 SUA 1.68 186 eP 29 14.46 0.1
 eS 29 38.15
 CCB 1.90 36 eP 29 16.16 -0.9
 SCM 1.92 131 eP 29 16.88 -0.5
 PMS 1.93 168 P 29 16.70 -0.7
 KNK 1.94 152 eP 29 17.05 -0.5
 S 29 42.18
 CGLM 1.98 203 eP 29 17.78 -0.4
 HDA 1.99 48 iP 29 17.41 -0.8
 CP2 2.06 206 eP 29 19.25 -0.1
 MDM 2.07 26 eP 29 18.22 -1.0
 CKN 2.09 205 eP 29 20.29 0.8
 BGL 2.09 208 eP 29 20.25 0.6
 SPU 2.10 203 eP 29 20.19 0.4
 THY 2.11 80 eP 29 21.12 1.3
 CKT 2.11 205 eP 29 19.77 -0.1
 FBA 2.11 31 eP 29 18.87 -0.9
 CKL 2.14 206 eP 29 20.25 -0.1
 TOA 2.20 116 P 29 21.00 0.0
 PAX 2.24 92 eP 29 21.34 -0.2

GLM 2.28 34 eP 29 21.21 -0.9
 SDG 2.30 103 eP 29 21.96 -0.3
 PTE 2.36 164 eP 29 22.23 -0.7
 NKA 2.43 190 eP 29 24.90 1.0
 TZL 2.53 113 eP 29 25.21 -0.1
 TTA 2.58 268 eP 29 24.81 -1.2
 SLKM 2.63 178 eP 29 26.29 -0.3
 KLU 2.65 126 eP 29 25.74 -1.2
 MPA 2.69 169 eP 29 26.14 -1.2
 GLI 2.73 144 eP 29 26.71 -1.3
 VLZ 2.76 135 eP 29 26.56 -1.7
 DFR 2.77 204 eP 29 29.01 0.5
 NCT 2.84 206 eP 29 29.18 -0.4
 DOT 2.89 77 eP 29 29.12 -1.0
 RDW 2.89 205 eP 29 31.10 0.8
 KNIM 3.06 155 eP 29 30.45 -1.9
 SEW 3.06 171 eP 29 31.63 -0.8
 SVW 3.19 233 eP 29 32.84 -1.3
 LTI 3.32 158 eP 29 33.89 -2.0
 GLB 3.50 116 eP 29 37.30 -1.1
 SGAM 3.60 135 eP 29 37.76 -1.9
 CNPM 3.64 187 eP 29 39.31 -0.9
 BALM 4.32 115 eP 29 47.77 -1.8
 51 obs. associated

? DEC 24, 1992 07h 33m 23.93 ± 4.12s
 37.284 S ± 45.3km 176.329 E ± 30.6km
 DEPTH = 190.0km (geophysicist)
 NORTH ISLAND, NEW ZEALAND (159)

URZ 1.15 148 eP 33 55.40 1.4
 eS 34 18.30
 HBZ 1.60 102 eP 33 57.40 -0.6
 PUZ 1.72 118 P 33 58.60 -0.6
 S 34 23.50
 NOZ 1.90 135 P 34 01.40 0.5
 MNG 3.39 191 Pd 34 19.00 0.7
 S 34 59.90
 MTW 3.92 189 P 34 24.40 -0.5
 CAW 3.94 194 P 34 25.20 0.0
 MRW 4.14 197 eP 34 27.40 -0.3
 eS 35 17.10
 MOW 4.22 191 eP 34 27.90 -0.8
 TCW 4.24 201 eP 34 29.10 0.2
 KHZ 5.56 202 eP 34 45.90 0.0
 S.D. = 0.7 on 11 of 11 obs.

& DEC 24, 1992 09h 25m 07.46s
 35.023 N 116.924 W
 DEPTH = 6.0km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.4 (PAS), 3.1 (GS).

GSC 0.29 19 iPd 25 13.15 -0.3
 SSK 1.03 218 ePd 25 26.17 -1.2
 eS 25 39.77
 PEC 1.15 190 iPd 25 28.23 -1.1
 eS 25 44.05
 ISA 1.42 297 ePnc 25 32.14 -1.7
 PLM 1.67 178 ePnd 25 36.21 -1.3
 ePg 25 37.82
 eS 25 58.18
 TPNV 2.00 16 ePn 25 40.36 -1.9
 ePg 25 44.80
 eS 26 11.31
 BCH 2.60 274 ePn 25 48.69 -2.1
 ePg 25 54.47
 GLA 2.63 138 ePn 25 49.48 -1.7
 MTUM 2.68 331 ePn 25 50.82 -1.2
 ePg 25 56.78
 eS 26 30.48
 MRCM 2.94 335 ePn 25 54.54 -1.2
 ePg 26 02.36
 TNP 3.06 356 ePn 25 56.03 -1.5
 ePg 26 03.91
 MMPM 3.09 327 (Pn) 25 57.24 -0.8
 ePg 26 04.35
 eS 26 44.46
 BONR 3.13 340 ePn 25 57.35 -1.2
 ePg 26 05.73
 ARUT 3.94 45 ePn 26 09.12 -0.8
 CMB 4.10 318 (Pn) 26 10.70 -1.4
 ePg 26 21.01
 eS 27 10.88
 MSU 5.16 46 ePn 26 26.00 -1.4
 ePg 26 42.29
 PV10 7.16 60 (Pn) 26 56.06 0.5

	ePg	27	21.26	
	S	28	51.89	
17 obs. associated				
* DEC 24, 1992 09h 33m 52.65s				
61.411 N 148.518 W				
DEPTH = 32.5km				
SOUTHERN ALASKA (2)				
<AEIC>. ML 2.8 (AEIC).				
KNK	0.03	87	iP	33 57.98 -0.2
			eS	34 02.40
PLRM	0.35	302	iP	34 00.20 -0.8
			iS	34 06.33
SML	0.41	12	iP	34 01.05 -0.9
			eS	34 08.45
GHO	0.41	332	P	34 01.20 -0.8
			S	34 08.00
PMS	0.53	252	eP	34 03.04 -0.7
			eS	34 10.93
PTE	0.60	204	iP	34 03.61 -1.1
			eS	34 12.14
PWA	0.69	291	P	34 05.10 -0.9
SCM	0.71	53	iP	34 05.30 -1.0
GLI	0.87	127	eP	34 07.45 -1.1
MPA	1.01	204	eP	34 09.76 -0.8
			eS	34 22.64
SUA	1.07	274	eP	34 10.94 -0.6
VLZ	1.09	104	eP	34 10.87 -0.8
			eS	34 25.27
KNIM	1.13	160	eP	34 11.20 -1.1
FID	1.19	123	eP	34 12.17 -0.9
SLKM	1.23	223	eP	34 13.32 -0.3
			eS	34 30.25
KLU	1.25	85	eP	34 13.16 -0.8
TOA	1.32	57	P	34 15.10 0.2
SEW	1.39	200	eP	34 15.08 -0.8
LTJ	1.41	166	eP	34 15.65 -0.6
			eS	34 35.64
HIN	1.42	135	iP	34 16.63 0.3
			eS	34 36.42
NKA	1.48	244	iP	34 19.00 1.7
SKT	1.54	293	iP	34 18.11 -0.1
			eS	34 38.18
TZL	1.60	65	eP	34 19.49 0.4
CVA	1.60	122	eP	34 18.95 -0.1
HUR	1.66	342	eP	34 20.20 0.3
			eS	34 41.96
CGLM	1.68	268	eP	34 20.10 -0.2
SPU	1.72	264	eP	34 20.64 -0.2
			iS	34 42.90
CKN	1.78	266	eP	34 21.92 0.3
			eS	34 45.46
CKT	1.79	265	eP	34 21.64 -0.2
SDG	1.80	50	iP	34 22.26 0.4
			S	34 44.34
CP2	1.80	267	eP	34 22.42 0.3
CKL	1.86	265	eP	34 22.53 -0.3
SGAM	1.86	118	eP	34 22.37 -0.3
BGL	1.87	267	eP	34 22.98 -0.1
RND	2.01	356	eP	34 25.09 0.1
			S	34 50.24
BRK	2.02	216	eP	34 24.36 -0.8
RDT	2.07	248	eP	34 25.57 -0.3
PAX	2.12	41	eP	34 27.02 0.4
RAGM	2.14	117	eP	34 26.84 0.0
DFR	2.19	250	eP	34 26.78 -0.8
TRF	2.21	339	eP	34 28.21 0.3
REF	2.24	247	eP	34 27.67 -0.7
GLB	2.26	87	eP	34 28.59 0.0
RSO	2.28	247	eP	34 28.53 -0.4
RS2	2.28	247	eP	34 28.50 -0.4
RS1	2.28	247	eP	34 28.24 -0.7
CNPM	2.32	217	eP	34 28.31 -1.1
MCK	2.34	355	eP	34 30.24 0.6
48 obs. associated				
* DEC 24, 1992 11h 31m 47.88±1.64s				
39.936 N ± 8.4km 19.639 E ± 13.7km				
DEPTH = 10.0km (geophysicist)				
GREECE-ALBANIA BORDER REGION (392)				
MD 3.1 (ATH). ML 3.0 (TIR).				
KEK	0.25	151	ePb	31 53.40 0.1
			eSb	31 58.00
SRN	0.28	101	iPg	31 51.60 -2.2
			iSg	31 55.10

VLO	0.54	348	ePg	31 57.30 -1.6
			iSg	32 09.30
IGT	0.67	127	ePg	32 00.18 -1.0
			eSg	32 10.06
LSK	0.77	74	ePg	32 00.50 -2.4
TIR	1.42	7	ePn	32 14.60 0.9
OHK	1.47	37	iPn	32 14.10 -0.4
			iSn	32 34.80
			Lg	32 40.60
FNA	1.58	57	ePb	32 16.78 0.8
			eSb	32 39.46
KZN	1.68	77	ePn	32 19.10 1.6
			eSn	32 43.20
LIT	2.20	85	ePn	32 26.22 1.3
			eSn	32 54.46
AGG	2.27	113	ePn	32 27.34 1.2
			eSn	32 57.70
GRG	2.34	63	ePn	32 27.50 0.4
SKO	2.45	33	ePn	32 32.50 4.0X
			iSg	33 01.50
			Lg	33 10.80
VAY	2.63	57	ePn	32 27.40 -3.6X
KNT	2.77	63	ePn	32 33.38 0.3
SOH	2.97	71	ePn	32 37.38 1.4
SRS	3.24	67	ePn	32 39.30 -0.4
S.D. = 1.4 on 15 of 17 obs.				
? DEC 24, 1992 12h 08m 17.06±5.76s				
39.256 N ± 42.7km 28.715 E ± 42.7km				
DEPTH = 10.0km (geophysicist)				
TURKEY (366)				
MD 2.6 (ISK).				
DST	0.36	349	iPg	08 23.70 -0.7
			eSg	08 28.70
KCT	1.03	345	ePg	08 37.00 0.5
ALT	1.10	100	ePg	08 37.70 -0.1
			eSg	08 52.70
YLV	1.40	21	ePn	08 43.10 0.4
S.D. = 0.9 on 4 of 4 obs.				
DEC 24, 1992 13h 03m 25.86±0.48s				
39.245 N ± 4.1km 28.744 E ± 5.1km				
DEPTH = 10.0km (geophysicist)				
TURKEY (366)				
MD 3.3 (ISK).				
DST	0.37	346	iPg	03 33.30 -0.2
KCT	1.05	344	iPn	03 46.50 0.9
ALT	1.08	100	ePn	03 46.30 0.1
			eSg	04 00.30
KHL	1.10	146	ePn	03 47.20 0.6
BNT	1.28	330	ePn	03 50.00 0.4
EDC	1.29	329	iPn	03 50.00 0.2
YLV	1.41	20	iPn	03 50.70 -0.9
IZM	1.43	234	ePn	03 52.00 0.1
GPA	1.59	49	ePn	03 54.00 -0.2
GBZT	1.63	19	ePn	03 56.50 1.8
			iSg	04 19.00
EYL	1.71	39	ePn	03 55.50 -0.4
CIN	1.72	198	eP	04 00.00 4.0X
HRT	1.73	24	ePn	03 54.50 -1.6
ISK	1.83	7	ePn	03 58.00 0.4
EZN	1.96	288	ePn	03 58.40 -1.0
YER	2.14	190	ePn	04 02.00 -0.1
DMK	2.68	344	ePn	04 10.00 0.2
S.D. = 0.9 on 16 of 17 obs.				
* DEC 24, 1992 14h 11m 11.19±0.83s				
31.605 S ± 10.4km 67.927 W ± 7.3km				
DEPTH = 10.0km (geophysicist)				
SAN JUAN PROVINCE, ARGENTINA (137)				
CFA	0.27	269	ePd	11 16.40 -0.4
			S	11 21.00
MRA	2.05	114	e(P)	11 46.00 -0.1
			S	12 14.00
TCA	2.86	86	e(P)	11 57.00 -0.8
			S	12 40.00
RFA	3.19	188	e(P)	12 03.00 0.6
			(S)	12 44.60
CYA	3.65	31	eP	12 09.70 0.7
S.D. = 0.9 on 5 of 5 obs.				
DEC 24, 1992 14h 23m 06.14±0.99s				
17.599 N ± 10.0km 100.580 W ± 6.9km				
DEPTH = 91.4 ± 7.6 km				

4.2mb (7 obs.)				
GUERRERO, MEXICO ()				
ACX	1.00	136	iP	23 19.50 -6. X
			iS	23 38.00
III	1.31	54	iP	23 30.50 0.5
PIM	1.41	299	iP	23 32.00 0.8X
			iS	23 50.00
MRX	2.17	345	iP	23 37.50 -3.7X
			(S)	24 11.50
UNM	2.17	37	eP	23 42.00 0.5
			(S)	24 24.00
PPM	2.36	51	iP	23 45.00 0.7
			(S)	24 22.00
IISM	3.34	65	(P)	24 00.00 2.8X
CGX	3.44	308	eP	23 57.00 -1.8
			iS	24 35.50
VHO	3.71	98	(P)	24 02.50 -0.1
OXX	3.72	97	iP	24 02.50 -0.2
			(S)	24 57.00
GUM2	3.99	320	(P)	24 07.50 1.1
			(S)	24 54.00
AGX	4.56	339	(P)	24 22.50 8.5X
EVV	5.05	79	(P)	24 41.00 20.1X
UYO	17.39	17	iPc	27 04.50 0.2
MIAR	18.00	19	eP	27 12.28 0.5
			1.0s	11.34nm 4.1mb
ALO	18.05	344	eP	27 11.74 -0.9
			0.7s	9.00nm 4.1mb
			i	27 20.25
VVO	18.19	13	eP	27 13.90 -0.2
SIO	18.47	11	eP	27 24.20 6.7X
TUL	18.73	12	eP	27 19.60 -0.9
			0.8s	33.90nm 4.7mb
LNO	18.73	12	eP	27 19.10 -1.3
LNO2	18.73	12	eP	27 19.30 -1.1
LNO3	18.73	12	eP	27 19.40 -1.1
RLO	19.14	14	eP	27 23.90 -0.9
OLY	19.59	23	eP	27 29.71 0.2
PV10	21.98	342	eP	27 53.25 -0.8
PEC	22.00	321	eP	27 52.80 -1.2
			1.2s	8.31nm 4.0mb
ELC	22.01	25	eP	27 58.46 4.4X
			i	28 03.48
PV08	22.06	343	eP	27 57.05 2.1
			i	28 03.95
PV09	22.13	342	eP	27 56.18 0.6
FVM	22.18	22	eP	27 56.33 0.7
			0.5s	13.40nm 4.6mb
			i	28 04.08
GSC	22.79	324	eP	28 01.22 -0.5
			i	28 09.06
ARUT	23.07	333	eP	28 05.29 0.8
			i	28 12.95
DAU	24.54	340	(P)	28 19.79 0.9
BONR	25.55	326	eP	28 30.24 1.9
			i	28 36.38
MEWM	25.68	325	eP	28 32.18 3.0X
BW06	26.24	345	eP	28 34.88 0.3
			0.9s	4.47nm 4.0mb
KVN	26.26	328	(P)	28 36.37 1.6
			i	28 45.29
YKA	45.91	351	eP	31 20.00 -1.0
			0.7s	4.80nm 4.5mb
WRA	128.14	258	PKP	42 03.80 -0.3
			0.8s	0.20nm
HYB	145.20	1	ePKP	42 35.30 -0.2
S.D. = 1.0 on 31 of 40 obs.				
* DEC 24, 1992 14h 31m 48.72±1.67s				
17.136 N ± 14.3km 99.533 W ± 21.2km				
DEPTH = 33.0km (normal)				
GUERRERO, MEXICO (59)				
ACX	0.41	230	iP	31 58.00 0.0
			iS	32 05.50
III	1.23	3	iP	32 10.00

DEC 24, 1992 14h 57m 53.74 \pm 0.36s
44.705 N \pm 2.5km 6.827 E \pm 4.4km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG), 2.1 (GEN).

RRL	0.22	352	P	57	58.54	0.0
			S	58	02.83	
PZZ	0.28	136	P	57	59.32	-0.4
			S	58	04.10	
BHB	0.34	66	P	58	01.15	0.4
			S	58	07.41	
RSP	0.54	34	P	58	05.05	0.3
			S	58	13.12	
STV	0.58	142	P	58	05.16	-0.4
			S	58	13.25	
ENR	0.64	138	P	58	06.40	-0.2
			S	58	15.28	
LSD	0.79	17	P	58	08.78	-0.5
			S	58	20.02	
LPG	0.79	356	Pg	58	09.50	0.1
			Sg	58	20.10	
LPL	0.81	355	Pg	58	09.20	-0.5
			Sg	58	20.10	
ROB	0.85	118	P	58	10.34	0.1
			S	58	22.23	
SBF	0.95	152	Pg	58	12.60	0.7
			Sg	58	24.60	
FRF	1.15	187	Pg	58	14.60	-0.7
			Sg	58	29.80	
LRG	1.29	195	Pg	58	18.20	0.5
			Sg	58	34.00	
LMR	1.39	190	Pg	58	19.30	0.2
			Sg	58	37.10	
BGF	3.35	305	Pn	58	47.50	0.3

S.D. = 0.5 on 15 of 15 obs.

DEC 24, 1992 15h 01m 29.51 \pm 0.72s
39.832 N \pm 7.9km 24.472 E \pm 5.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG	0.62	279	ePg	01	41.33	-0.6
OUR	0.63	323	ePg	01	41.98	-0.1
SOH	1.31	319	ePb	01	54.00	0.3
			eSb	02	10.53	
EZN	1.43	90	ePn	01	55.10	-0.3
SRS	1.45	333	ePb	01	55.20	-0.6
			eSb	02	16.48	
LIT	1.55	281	ePb	01	56.88	-0.3
			eSb	02	16.88	
ALN	1.60	48	ePb	01	58.26	0.3
			eSb	02	21.76	
KNT	1.79	318	ePb	02	01.20	0.5
			eSb	02	25.96	
AGG	1.85	245	ePb	02	02.04	0.5
GRG	1.94	306	ePb	02	03.12	0.2
			eSb	02	28.40	
VAY	2.08	316	iP	02	09.20	4.4X

S.D. = 0.5 on 10 of 11 obs.

? DEC 24, 1992 15h 41m 01.24 \pm 5.42s
28.090 S \pm 38.7km 68.977 W \pm 33.8km
DEPTH = 120.0km (geophysicist)
LA RIOJA PROVINCE, ARGENTINA (138)

CYA	2.83	98	iPd	41	46.00	0.0
			S	42	20.00	
RTPR	3.08	136	ePd	41	50.00	0.7
RTLL	3.26	172	iPd	41	51.00	0.1
			S	42	30.60	
RTCB	3.39	177	ePd	41	53.40	-0.1
CFA	3.56	170	ePd	41	50.60	-5.2X
TCA	5.00	131	e(P)	42	14.80	-0.6
			S	43	10.50	
MRA	5.15	148	ePd	42	17.20	-0.1

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

* DEC 24, 1992 15h 53m 44.28 \pm 2.19s
41.972 N \pm 19.3km 22.203 E \pm 10.0km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.3 (SKO).

SKO	0.57	270	ePn	53	55.00	-0.7
			i	54	08.40	

VAY	0.71	157	iPg	53	57.50	-0.9
			iSg	54	03.30	
KNT	0.96	147	ePg	54	02.33	-0.7
			eSg	54	11.36	
GRG	1.02	172	ePg	54	03.12	-1.0
			eSg	54	11.56	
FNA	1.34	208	ePg	54	11.40	1.9
SRS	1.35	129	ePg	54	10.80	1.2
			eSg	54	24.84	
SOH	1.44	143	ePg	54	11.32	0.2
			eSg	54	26.92	

S.D. = 1.4 on 7 of 7 obs.

% DEC 24, 1992 15h 56m 35.41 \pm 1.24s
33.143 S \pm 5.2km 70.290 W \pm 10.0km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.7 (SAN).

FCH	0.18	180	iPd	56	39.62	-0.1
			iS	56	42.24	
PEL	0.33	270	iP+	56	42.65	0.4
			iS	56	47.97	
PCH	0.51	201	iPd	56	45.96	0.2
			iS	56	53.63	
JACH	0.53	331	iP+	56	46.07	0.0
			iS	56	54.14	
ROCH	0.63	286	iP	56	48.05	-0.2
			iS	56	58.19	
TACH	0.74	227	iP	56	49.95	0.0
CHCH	0.84	201	iP+	56	51.46	-0.3
CACH	1.00	195	iP	56	55.08	0.5
LCCH	1.12	252	iPd	56	56.66	0.2
			iS	57	12.43	
LVN	1.24	229	iP+	56	57.72	-0.7
			iS	57	15.02	

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

% DEC 24, 1992 15h 58m 30.71 \pm 0.58s
39.245 N \pm 5.2km 28.772 E \pm 5.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.1 (ISK).

DST	0.38	343	iPg	58	37.30	-1.2
			eSg	58	42.20	
KCT	1.05	342	iPn	58	50.90	0.3
ALT	1.06	100	ePn	58	50.00	-0.7
KHL	1.09	147	iPn	58	51.30	0.0
BNT	1.29	330	ePn	58	55.00	0.4
EDC	1.30	328	ePn	58	54.00	-0.8
YLV	1.40	19	ePn	58	56.00	-0.3
IZM	1.45	235	ePn	58	57.00	0.0
GPA	1.58	48	ePn	58	59.20	0.4
EYL	1.70	38	ePn	59	00.40	-0.2
HRT	1.72	23	ePn	59	02.50	1.6
EZN	1.98	288	ePn	59	05.10	0.5

S.D. = 0.8 on 12 of 12 obs.

& DEC 24, 1992 16h 45m 49.34s
35.756 N 117.602 W
DEPTH = 4.7km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 2.8 (PAS). Multiple event.

ISA	0.72	263	ePc	46	02.70	-0.9
GSC	0.79	125	ePc	46	04.32	-1.0
SSK	1.54	183	eP	46	17.71	-0.1
TPNV	1.62	42	(P)	46	18.83	0.1
MTUM	1.77	334	eP	46	20.66	-0.4
PEC	1.89	169	eP	46	21.45	-1.3
BCH	2.10	255	(P)	46	25.38	-0.4
MMPM	2.18	329	(P)	46	28.69	1.6
MEMM	2.19	331	eP	46	29.69	2.8
BONR	2.27	346	ePn	46	28.21	-0.1
			ePg	46	31.91	
TNP	2.34	7	(Pn)	46	31.25	1.9
			ePg	46	32.87	
PLM	2.47	165	ePn	46	29.94	-1.2
ARUT	3.91	58	(Pg)	47	02.32	10.8

13 obs. associated

DEC 24, 1992 17h 08m 48.16 \pm 0.22s
35.760 N \pm 4.0km 80.605 E \pm 3.8km
DEPTH = 33.0km (normal)
4.8mb (42 obs.) 4.4MsZ (4 obs.)

KASHMIR-XIZANG BORDER REGION (304)

KSH	5.20	317	iPnc	10	07.30	1.4
	0.7s	560.00nm				6.1mb X
		Pg	10	18.80		
		Sn	11	03.80		
PRZ	6.93	346	eP	10	30.00	-0.1
	0.5s	60.00nm				5.8mb
		(S)	11	46.00		
NDI	7.62	203	iPd	10	41.00	1.4
	0.7s	58.22nm				5.7mb
		eS	12	08.50		
TLG	7.90	343	eP	10	42.00	-1.6
FRU	8.45	329	iPc	10	51.00	-0.2
GKN	8.46	155	P	10	50.38	-1.1
	1.0s	114.00nm				5.9mb X
KKN	8.88	152	P	10	56.18	-1.3
	0.5s	64.00nm				6.0mb X
DMN	8.98	154	P	10	57.84	-1.0
GUN	9.02	149	P	10	58.60	-0.8
	0.4s	76.00nm				6.2mb X
PKI	9.13	152	P	10	59.66	-1.3
	0.5s	66.00nm				6.0mb X
WMO	9.72	32	P	11	04.40	-4.4X
LSA	10.74	121	Pd	11	25.40	2.3
	1.4s	17.00nm				5.1mb
Z	14s	1.30um				6.6MsZ X
SEM	14.64	359	ePd	12	13.80	-0.8
GTA	15.66	71	eP	12	26.00	-2.0
	10s	1.28um				
	10s	0.75um				
MAIO	17.09	278	eP	12	31.50	
		eS	12	45.00		-1.1
		eS	15	45.00		
ELT	17.94	11	iP	12	51.50	-4.9X
ASH	17.94	284	eP	12	54.00	-2.6
BOM	18.15	204	eP	13	16.00	16.6X
		eS	16	33.40		
POO	18.17	201	iPc	13	03.70	4.1X
		eS	16	27.50		
HYB	18.36	186	eP	13	02.00	0.0
	0.8s	30.80nm				4.5mb
		eS	16	15.00		
BRVK	18.77	340	iPd	13	04.00	-2.7
	1.3s	270.00nm				5.3mb
		iS	16	32.00		
LZH	18.82	82	iPc	13	07.40	-0.3
	1.2s	61.00nm				4.7mb
Z	16s	0.54um				4.3MsZ
N	11s	0.75um				
		pP	13	11.00		
		eS	16	30.00		
CD2	19.93	97	eP	13	19.50	-0.5
MOY	21.57	36	eP	13	35.90	-0.8
KMI	21.78	113	Pc	13	39.00	-0.3
	1.5s	80.00nm				4.9mb
Z	14s	1.30um				4.5MsZ X
		pP	13	47.00		29kmX
		PP	13	58.50		
ZAK	21.97	41	ePc	13	39.40	-1.3
	1.4s	28.00nm				4.5mb
E	14s	0.58um				
GBA	22.24	188	P	13	45.00	1.3
XAN	23.26	86	eP	13	53.60	0.0
	16s	1.19um				4.4MsZ X
N	10s	0.65um				
E	12s	1.03um				
		pP	14	00.00		23kmX
		sP	14	07.50		
		eS	17	56.00		
CHG	23.40	131	ePc	13	54.20	-0.7
	1.0s	18.00nm				4.5mb
BTO	23.56	69	eP	13	58.20	1.7
IRK	23.56	38	eP-	14	11.50	15.2X
	1.3s	20.00nm				
Z	16s	0.85um				4.3MsZ X
N	17s	0.93um				
E	14s	0.50um				
		e	14	21.00		
		e	14	41.00		
GYA	24.10	105	P	14	03.00	1.1
Z	14s	1.13um				4.5MsZ X
N	10s	0.71um				
E	10s	0.66um				
		pP	14	13.00		37kmX
SHI	24.36	264	eP	14	06.00	1.6
BDT	24.64	134	eP	14	06.50	-0.5

HHC	24.75	69 P	14 11.20	3.2X	Z 22s	0.32um	4.4MsZ	4.6mb (3 obs.)	
	1.2s	20.00nm		4.6mb	EMS	54.77 305 ePd	18 16.80	-0.3	(99)
	Z 16s	1.19um		4.5MsZ	LPG	55.06 305 eP	18 19.00	-0.3	
	N 12s	0.49um				1.0s	20.00nm	5.1mb	
	E 13s	0.51um			LPL	55.07 305 eP	18 19.00	-0.3	
		eS	18 30.00			0.9s	23.75nm	5.2mb	
SVE	25.00	334 ePd	14 10.90	0.8	LOR	56.43 307 eP	18 28.10	-0.7	
	1.2s	40.00nm		4.9mb	Z 21s	0.30um		4.4MsZ	
		e	15 00.00		LBF	56.44 307 eP	18 28.40	-0.5	
ARU	25.47	331 eP	14 18.00	3.5X		1.0s	6.60nm	4.6mb	
		e	14 27.00		SMF	56.63 307 eP	18 29.20	-1.0	
TIY	25.52	76 eP	14 16.40	1.1	SSF	56.72 307 eP	18 29.70	-1.1	
	Z 13s	0.84um		4.4MsZ		0.9s	8.20nm	4.8mb	
	N 15s	0.92um			AVF	56.91 307 eP	18 31.10	-1.0	
KOD	25.57	187 eP	14 21.80	5.6X		1.1s	12.20nm	4.8mb	
NST	26.54	134 eP	14 32.00	7.2X	TCF	57.82 307 eP	18 38.10	-0.5	
CIT	28.48	45 eP	14 42.00	-0.2		1.0s	10.00nm	4.8mb	
PYA	29.76	298 eP	14 50.00	-3.8X	EKA	58.13 318 P	18 44.00	3.4X	
		i	16 09.00			1.1s	14.20nm	5.0mb	
BOD	31.35	35 eP	15 07.50	-0.1	CAF	58.38 305 eP	18 42.20	-0.4	
	1.0s	8.00nm		4.5mb	LDF	58.53 310 eP	18 42.40	-1.1	
NRI	33.95	5 iPc	15 30.00	0.0		0.9s	11.80nm	5.0mb	
	1.0s	14.00nm		4.8mb	GRR	59.06 310 eP	18 46.00	-1.2	
		e	16 45.00		BCAO	64.88 257 iPc	19 25.20	-1.4	
SSE	34.01	86 Pc	15 31.50	0.5		0.6s	10.00nm	5.1mb	
	1.0s	11.00nm		4.7mb			ic	19 30.50	
	Z 20s	0.50um		4.2MsZ	IMA	70.28 21 eP	20 02.08	2.2	
CN2	35.03	63 eP	15 40.40	0.7		0.8s	2.11nm	4.3mb	
	1.0s	6.00nm		4.5mb	FBA	72.79 20 eP	20 17.23	2.4	
OBN	35.68	317 eP	15 46.00	1.0		0.8s	4.23nm	4.5mb	
	1.0s	17.00nm		4.9mb	WRA	75.21 128 P	20 29.60	0.2	
		e	17 07.00			0.5s	0.40nm	3.7mb X	
YAK	40.17	34 eP	16 21.80	-0.7	WB2	75.21 128 iPc	20 29.20	-0.2	
	1.2s	25.00nm		4.8mb		0.7s	5.40nm	4.7mb	
	Z 16s	0.90um		4.7MsZ	ASPA	77.67 131 iPc	20 42.90	-0.3	
	E 15s	0.70um				0.7s	4.30nm	4.6mb	
VR1	41.30	301 eP	16 32.00	0.0	YKA	81.32 7 eP	21 02.60	0.4	
CVO	41.69	301 eP	16 38.00	2.7		0.6s	1.40nm	4.1mb	
MLR	41.89	301 ePc	16 39.00	2.0	KIC	82.55 272 P	21 14.10	4.6X	
		e	18 16.00		TIC	82.62 273 P	21 14.60	4.8X	
MTUR	42.54	300 eP	16 25.00	-17.3X	LIC	82.86 273 P	21 16.00	4.9X	
		e	30 36.00		ZOBO	146.08 297 PKP	28 30.00	3.3X	
KAF	42.55	326 eP	16 42.80	0.8	LPB	146.22 296 ePKP	28 27.00	0.3	
	0.7s	4.80nm		4.3mb	CNCB	146.31 296 PKP	28 29.80	2.8	
TIK	43.66	20 eP	16 52.00	1.1					
	0.8s	9.00nm		4.6mb					
		e	17 03.00						
		e	18 44.00						
UZH	44.04	306 eP	16 54.70	0.4					
	1.0s	12.00nm		4.7mb					
SPC	45.33	307 eP	17 08.60	3.7X	ROMANIA			(358)	
OJC	45.52	308 eP	17 06.70	0.6					
UPP	46.47	322 iP	17 13.80	0.4	CVO	0.21 225 iPc	30 24.00	0.9	
SRO	46.79	305 eP	17 17.10	0.4	VR1	0.26 113 iPc	30 22.50	-0.9	
ZST	47.53	306 e(P)	17 27.00	4.9X	MLR	0.57 213 iPc	30 26.00	-0.6	
KSP	47.67	309 ePc	17 23.80	0.7	BRD	0.65 134 ePc	30 28.00	0.6	
HFS	48.45	322 eP	17 29.00	0.0	CLI	0.85 47 iPc	30 30.00	0.0	
	0.7s	15.50nm		5.1mb					
PRU	48.90	308 P	17 33.60	1.0					
		e	19 39.00						
BRG	49.13	310 eP	17 34.40	0.0					
	1.2s	15.00nm		4.9mb					
GEC2	49.64	307 Pd	17 38.90	0.4					
	0.6s	3.50nm		4.4mb					
		e	17 46.10						
KHC	49.67	308 eP	17 38.80	0.2					
	1.0s	5.40nm		4.5mb					
		e	17 42.50						
		e	19 48.00						
NAO	49.84	323 P	17 39.00	-0.7					
	0.7s	7.20nm		4.8mb					
WET	50.12	308 eP	17 46.40	4.4X					
MOX	50.63	310 eP	17 46.30	0.4					
GRF	51.07	309 ePc	17 50.30	1.1					
	Z 18s	0.50um		4.6MsZ					
		ic	17 54.10						
		ed	17 57.30						
FUR	51.36	307 eP	17 52.30	0.8					
OSS	52.47	305 ePd	17 59.60	-0.4					
LLS	53.18	306 ePc	18 05.10	-0.3					
TMA	53.47	305 ePc	18 06.80	-0.6					
CDF	53.89	308 eP	18 09.80	-0.6					
	1.1s	10.75nm		4.8mb					
BSF	54.36	307 eP	18 13.20	-0.7					
	1.0s	14.40nm		5.0mb					
HAU	54.60	308 eP	18 14.90	-0.6					
	0.8s	5.90nm		4.7mb					

EMS	54.77	305 ePd	18 16.80	-0.3					
LPG	55.06	305 eP	18 19.00	-0.3					
	1.0s	20.00nm		5.1mb					
LPL	55.07	305 eP	18 19.00	-0.3					
	0.9s	23.75nm		5.2mb					
LOR	56.43	307 eP	18 28.10	-0.7					
Z 21s	0.30um			4.4MsZ					
LBF	56.44	307 eP	18 28.40	-0.5					
	1.0s	6.60nm		4.6mb					
SMF	56.63	307 eP	18 29.20	-1.0					
SSF	56.72	307 eP	18 29.70	-1.1					
	0.9s	8.20nm		4.8mb					
AVF	56.91	307 eP	18 31.10	-1.0					
	1.1s	12.20nm		4.8mb					
TCF	57.82	307 eP	18 38.10	-0.5					
	1.0s	10.00nm		4.8mb					
EKA	58.13	318 P	18 44.00	3.4X					
	1.1s	14.20nm		5.0mb					
CAF	58.38	305 eP	18 42.20	-0.4					
LDF	58.53	310 eP	18 42.40	-1.1					
	0.9s	11.80nm		5.0mb					
GRR	59.06	310 eP	18 46.00	-1.2					
BCAO	64.88	257 iPc	19 25.20	-1.4					
	0.6s	10.00nm		5.1mb					
		ic	19 30.50						
IMA	70.28	21 eP	20 02.08	2.2					
	0.8s	2.11nm		4.3mb					
FBA	72.79	20 eP	20 17.23	2.4					
	0.8s	4.23nm		4.5mb					
WRA	75.21	128 P	20 29.60	0.2					
	0.5s	0.40nm		3.7mb X					
WB2	75.21	128 iPc	20 29.20	-0.2					
	0.7s	5.40nm		4.7mb					
ASPA	77.67	131 iPc	20 42.90	-0.3					
	0.7s	4.30nm		4.6mb					
YKA	81.32	7 eP	21 02.60	0.4					
	0.6s	1.40nm		4.1mb					
KIC	82.55	272 P	21 14.10	4.6X					
TIC	82.62	273 P	21 14.60	4.8X					
LIC	82.86	273 P	21 16.00	4.9X					
ZOBO	146.08	297 PKP	28 30.00	3.3X					
LPB	146.22	296 ePKP	28 27.00	0.3					
CNCB	146.31	296 PKP	28 29.80	2.8					

24d 18h

MEO 17.96 1 iPc 54 42.60 -15.8X
 MIAR 18.37 14 ePc 55 02.75 -0.7
 1.2s 49.60nm 4.6mb
 VVO 18.74 8 eP 55 07.50 -0.4
 SIO 19.07 7 eP 55 11.90 0.0
 TUL 19.29 8 Pd 55 13.30 -1.3
 0.8s 64.40nm 4.9mb
 Z 22s 0.94um 5.3mszX
 N 16s 0.46um
 E 20s 0.36um
 S 58 50.00
 LR 00 53.00
 LNO 19.30 8 iPd 55 12.90 -1.7
 LNO2 19.30 8 eP 55 13.20 -1.4
 LNO3 19.30 8 eP 55 13.20 -1.5
 ALQ 19.31 341 (P) 55 13.73 -1.3
 1.1s 15.91nm 4.2mb
 eLg 01 03.85
 RLO 19.66 10 eP 55 16.70 -2.1
 OLY 19.85 18 ePc 55 19.38 -1.3
 ACO 19.87 360 iPc 55 20.10 -0.9
 GLA 21.63 322 ePd 55 39.05 -0.1
 ELC 22.20 21 (P) 55 44.08 -0.7
 FVM 22.46 18 eP 55 46.22 -1.1
 1.0s 50.68nm 5.0mb
 e 55 48.41 8kmX
 PLM 23.08 319 eP 55 53.61 0.0
 TKL 23.20 33 ePc 55 56.26 1.6
 PV10 23.28 340 eP 55 55.86 0.2
 PV08 23.33 341 (P) 55 57.31 1.0
 PV09 23.42 340 (P) 55 57.13 0.0
 GOL 23.53 348 (P) 55 57.98 -0.1
 1.2s 7.51nm 4.1mb
 GLD 23.55 348 eP 55 58.90 0.7
 1.3s 53.23nm 4.9mb
 PEC 23.62 320 eP 55 59.54 0.8
 0.9s 13.00nm 4.5mb
 LHS 24.03 39 eP 56 04.06 1.5
 GSC 24.37 323 eP 56 06.78 0.7
 ARUT 24.52 332 iPc 56 08.78 1.2
 MSU 24.57 335 iPd 56 09.17 1.0
 EMUT 25.18 338 ePc 56 14.32 0.3
 TPNV 25.25 326 eP 56 15.58 1.0
 1.1s 47.08nm 5.0mb
 ISA 25.61 321 eP 56 18.26 0.4
 1.1s 32.78nm 4.9mb
 DAU 25.86 338 iPc 56 20.50 0.0
 CEH 26.01 39 eP 56 21.62 0.1
 1.0s 60.66nm 5.2mb
 e 56 23.86 8kmX
 NAV 26.03 35 eP 56 22.54 0.8
 BLA 26.16 35 eP 56 23.64 0.7
 0.8s 38.91nm 5.1mb
 DUG 26.26 336 eP 56 24.40 0.4
 1.1s 10.84nm 4.4mb
 BCH 26.29 318 eP 56 24.70 0.4
 TNP 26.61 327 (P) 56 26.81 -0.4
 1.0s 13.25nm 4.5mb
 BONR 27.10 325 (P) 56 31.68 -0.2
 MEMM 27.25 324 (P) 56 32.83 0.0
 BW06 27.46 343 iPc 56 34.55 -0.5
 1.3s 55.28nm 5.1mb
 HVU 27.61 337 eP 56 36.15 -0.2
 RSSD 27.62 352 iPc 56 36.95 0.6
 1.3s 37.80nm 4.9mb
 eP 56 43.71 24km
 LCCM 30.93 342 ePc 57 06.50 0.5
 ULM 33.51 4 eP 57 30.00 1.8
 EEO 34.08 25 eP 57 36.00 2.7X
 RSNY 34.53 31 (P) 57 36.27 -0.9
 1.2s 48.28nm 5.3mb
 NEW 34.76 339 ePc 57 38.77 -0.4
 1.2s 17.72nm 4.9mb
 eP 57 45.62 23km
 DPW 34.82 337 eP 57 39.45 -0.2
 CBM 39.45 34 (P) 58 20.29 1.7
 1.2s 29.86nm 4.9mb
 FCC 42.10 4 eP 58 43.50 3.4X
 ZOBO 44.77 136 eP 59 02.00 -1.1
 Z 24s 0.20um 4.0mszX
 LR 13 38.00
 CCH 46.88 135 P 59 18.90 -0.5
 YKA 46.99 350 eP 59 16.70 -2.7X
 1.0s 7.60nm 4.7mb
 RES 57.99 1 eP 00 42.50 1.3
 FBA 58.11 338 eP 00 41.45 -0.8
 0.9s 3.15nm 4.4mb

BAO 59.72 120 Pd 00 53.00 -1.3
 e 00 58.00 16km
 e 01 01.60
 LSF 85.14 43 eP 03 23.90 -0.2
 RJF 85.44 44 eP 03 25.60 0.0
 TCF 85.57 43 eP 03 26.20 -0.1
 0.8s 7.95nm 5.0mb
 MAF 85.82 43 eP 03 27.40 -0.1
 0.9s 8.20nm 4.9mb
 SSF 86.14 42 eP 03 28.80 -0.3
 LOR 86.30 42 eP 03 29.60 -0.3
 HYB 145.96 4 ePKP 10 27.50 -0.6X
 1.4s 62.50nm
 GBA 149.63 7 PKP 10 39.00 5.2X
 S.D. = 0.9 on 63 of 79 obs.
 DEC 24, 1992 19h 01m 25.35± 0.91s
 17.021 N ±10.9km 98.986 W ± 5.5km
 DEPTH = 33.0km (normal)
 4.5mb (15 obs.)
 GUERRERO, MEXICO (59)
 ACX 0.85 260 iP 01 32.00 -8.9X
 IS 01 40.75
 III 1.42 341 iP 01 51.00 1.7
 PPM 2.06 9 iP 02 01.00 2.2
 (S) 02 43.00
 VHO 2.16 88 iP 02 00.50 0.6
 IS 02 32.00
 OXX 2.17 88 iP 02 00.50 0.5
 IS 02 33.00
 UNM 2.31 355 eP 02 04.00 1.9
 IS 02 39.00
 IISM 2.48 38 (P) 02 07.50 3.1X
 PIM 3.03 295 iP 02 23.00 10.9X
 IS 02 57.00
 MRX 3.39 322 iP 02 17.00 -0.3
 IS 02 55.00
 EVV 3.75 67 eP 02 22.00 -0.3
 IS 03 13.50
 CGX 5.02 303 (P) 02 40.00 -0.5
 GUM2 5.46 312 iP 02 50.00 3.3
 IS 03 48.00
 AGX 5.76 328 (P) 02 55.00 4.3X
 (S) 04 05.00
 SCX 6.09 92 (P) 02 55.00 -0.4
 UYO 17.55 13 iPd 05 29.00 -0.1
 MEO 17.69 1 iPd 05 32.50 1.6
 MIAR 18.11 14 ePc 05 35.58 -0.5
 1.0s 23.14nm 4.3mb
 VVO 18.47 8 eP 05 40.60 0.1
 SIO 18.80 7 e(P) 05 44.50 -0.1
 TUL 19.03 8 ePd 05 46.20 -1.1
 0.8s 44.70nm 4.7mb
 LNO 19.03 8 ePc 05 45.80 -1.4
 LNO2 19.03 8 ePc 05 45.80 -1.4
 LNO3 19.03 8 eP 05 45.90 -1.4
 ALQ 19.06 341 (P) 05 46.04 -1.8
 0.8s 4.16nm 3.7mb
 RLO 19.39 10 eP 05 49.80 -1.7
 e 05 52.00
 e 06 03.10
 OLY 19.59 19 eP 05 52.36 -1.3
 ACO 19.60 360 iPc 05 53.00 -0.9
 GLA 21.42 321 (P) 06 12.38 -0.3
 ELC 21.95 21 eP 06 17.05 -0.8
 FVM 22.20 18 (P) 06 19.10 -1.3
 0.8s 30.71nm 4.8mb
 e 06 21.38
 PRM 22.61 38 (P) 06 25.40 0.9
 GBTN 22.75 32 eP 06 26.47 0.6
 PLM 22.88 319 eP 06 27.85 0.5
 PV10 23.03 339 (P) 06 27.50 -1.4
 GOL 23.27 347 eP 06 32.19 1.0
 0.8s 2.13nm 3.7mb
 PEC 23.42 319 eP 06 32.54 0.1
 0.8s 5.14nm 4.1mb
 LHS 23.81 40 (P) 06 37.39 1.2
 GSC 24.16 322 eP 06 40.55 0.9
 SRU 24.20 338 eP 06 39.85 -0.4
 ARUT 24.28 331 eP 06 41.76 0.8
 MSU 24.33 334 eP 06 42.03 0.5
 e 06 43.65
 EMUT 24.93 338 eP 06 47.36 0.1
 TPNV 25.03 326 (P) 06 48.70 0.5
 e 06 50.63

ISA 25.40 321 (P) 06 52.08 0.5
 1.0s 12.27nm 4.5mb
 DAU 25.62 338 eP 06 53.81 0.0
 CEH 25.80 39 eP 06 55.52 0.4
 0.9s 37.08nm 5.0mb
 BLA 25.94 36 eP 06 56.94 0.4
 0.7s 26.17nm 4.9mb
 DUG 26.02 335 eP 06 57.24 -0.1
 0.8s 3.92nm 4.1mb
 BCH 26.10 318 eP 06 56.76 -1.3
 BW06 27.21 343 eP 07 07.52 -0.8
 1.0s 16.96nm 4.6mb
 RSSD 27.35 352 eP 07 09.71 0.1
 1.1s 16.03nm 4.6mb
 HVU 27.37 337 eP 07 09.04 -0.7
 LCCM 30.68 342 eP 07 39.30 -0.1
 ULM 33.24 4 eP 08 03.00 1.5
 EEO 33.84 25 eP 08 09.00 2.3
 RSNY 34.00 32 (P) 08 10.94 0.2
 1.3s 44.89nm 5.2mb
 RMW 35.70 333 (P) 08 20.68 -2.0
 CBM 39.22 34 (P) 08 52.37 0.2
 1.1s 23.19nm 4.9mb
 FCC 41.83 4 eP 09 16.50 3.0X
 YKA 46.73 350 eP 09 50.40 -2.4
 0.8s 3.30nm 4.4mb
 WRA 129.51 258 Pd diff 17 04.40 -16.2X
 1.4s 0.30nm
 HYB 145.69 4 ePKP 21 07.50 4.6X
 GBA 149.37 7 PKP 21 11.00 2.2X
 S.D. = 1.2 on 55 of 63 obs.
 DEC 24, 1992 19h 17m 42.99s
 34.094 N 116.839 W
 DEPTH = 6.1km
 SOUTHERN CALIFORNIA (43)
 <PAS>P>. ML 2.9 (PAS).
 PEC 0.33 233 ePd 17 49.30 -0.5
 SSK 0.72 280 ePc 17 56.39 -1.0
 PLM 0.74 181 ePd 17 56.73 -1.0
 GSC 1.21 1 eP 18 05.30 -0.6
 GLA 1.98 121 ePn 18 15.44 -1.9
 ISA 2.06 320 ePn 18 18.84 0.2
 BONR 4.03 343 ePg 18 58.53 11.7
 ARUT 4.60 36 (P) 18 53.53 -1.3
 8 obs. associated
 DEC 24, 1992 19h 21m 18.57± 1.32s
 15.274 N ±14.2km 121.973 E ±19.0km
 DEPTH = 93.2 ± 15.7 km
 4.3mb (2 obs.)
 LUZON, PHILIPPINE ISLANDS (249)
 OVP 1.14 235 ePc 21 40.00 -0.4
 eS 22 01.50
 TGY 1.54 221 ePd 21 48.50 3.2X
 BCP 1.74 311 eP 21 48.00 0.1
 eS 22 16.00
 PGP 2.02 209 ePd 21 52.00 0.3
 eS 22 23.00
 PIP 3.30 337 iPd 22 19.00 9.9X
 eS 22 51.00
 PLP 5.02 144 ePc 22 33.00 0.0
 WB2 37.05 160 eP 28 20.50 -0.9
 0.4s 2.10nm 4.4mb
 ASPA 40.42 163 eP 28 50.10 0.8
 1.0s 4.10nm 4.2mb
 S.D. = 0.9 on 6 of 8 obs.
 DEC 24, 1992 19h 58m 13.98± 5.30s
 33.425 S ± 8.8km 70.226 W ± 26.3km
 DEPTH = 101.4 ± 42.5 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).
 FCH 0.11 331 iP+ 58 28.59 -0.3
 IS 58 40.27
 PCH 0.31 231 iP 58 29.23 0.1
 IS 58 41.24
 PEL 0.48 306 iPd 58 30.28 0.3
 IS 58 43.22
 CHCH 0.62 215 iP 58 31.21 0.1
 IS 58 44.87
 TACH 0.64 249 iP 58 30.99 -0.2
 IS 58 44.76
 CACH 0.76 204 iP 58 32.61 0.2

24d 19h

ROCH 0.80 304 iS 58 47.32
 0.80 304 iPd 58 33.11 0.2
 JACH 0.80 337 iS 58 47.96
 0.80 337 iPd 58 32.79 -0.1
 LNV 1.12 241 iS 58 48.19
 1.12 241 iPd 58 35.94 -0.2
 LCCH 1.12 267 iS 58 52.86
 1.12 267 iPd 58 36.14 0.0
 1.12 267 iS 58 54.31

S.D. = 0.2 on 10 of 10 obs.

DEC 24, 1992 20h 03m 01.56 ± 1.14s
 11.569 S ± 5.2km 166.563 E ± 6.2km
 DEPTH = 144.6 ± 9.7 km
 5.1mb (26 obs.)

SANTA CRUZ ISLANDS (184)

BKM 6.28 165 iPd 04 34.50 1.5
 HNR 6.84 287 eP 04 40.00 -0.7
 0.5s 58.00
 DZM 10.44 181 iPd 05 28.90 0.2
 0.5s 07 24.50
 VUN 13.16 120 eP 06 13.10 8.9X
 CTA 21.28 244 iPd 07 38.50 0.7
 1.0s 30.00nm 4.7mb
 MDG 21.49 285 eP 07 39.30 -0.6
 RMO 22.40 226 iPd 07 50.30 1.6
 0.5s 30.00nm 5.0mb
 ARMA 23.32 214 eP 08 00.00 2.2
 CMS 27.56 221 iPd 08 37.00 0.1
 0.5s 14.00nm 4.9mb
 BWA 28.13 213 iPd 08 40.90 -1.1
 CAN 28.52 211 iPd 08 45.70 0.2
 ORZ 29.61 171 eP 08 56.10 1.0
 0.9s 98.00nm 5.5mb
 DIW 29.83 169 eP 08 57.60 0.5
 MNG 29.99 166 P 08 57.80 -0.6
 0.9s 163.00nm 5.8mb
 KIW 30.09 167 P 08 58.90 -0.4
 PGZ 30.18 165 P 08 59.10 -1.0
 0.6s 47.00nm 5.4mb
 TCW 30.30 168 P 09 01.00 -0.1
 CAW 30.36 167 P 09 01.10 -0.6
 MRW 30.40 168 P 09 01.40 -0.7
 DSZ 30.41 172 P 09 03.30 1.1
 MTW 30.51 167 P 09 02.20 -0.8
 THZ 30.59 171 P 09 04.10 0.3
 STK 30.63 225 iPd 09 04.70 0.5
 0.5s 9.10nm 4.8mb
 e 09 33.30
 BLW 30.70 167 P 09 03.40 -1.3
 MOW 30.70 167 P 09 03.90 -0.8
 KHZ 31.33 170 eP 09 08.30 -1.8
 0.8s 98.00nm 5.6mb
 LTZ 31.49 172 P 09 11.80 0.2
 0.7s 131.00nm 5.8mb
 WB2 32.05 251 iPd 09 15.40 -1.3
 0.4s 33.50nm 5.5mb
 TOO 32.05 213 iPd 09 17.80 1.2
 0.6s 16.00nm 5.0mb
 e 09 43.70
 WRA 32.06 251 P 09 15.60 -1.2
 1.1s 2.10nm 3.9mb X
 MQZ 32.45 172 P 09 19.60 -0.3
 BWZ 32.97 176 eP 09 24.20 -0.2
 ASPA 33.28 244 iPd 09 25.80 -1.7
 0.7s 18.20nm 4.9mb
 Z 21s 0.50um 4.2MsZ
 e 15 41.70

MMCZ 33.39 177 eP 09 28.60 0.4
 MHZ 33.46 177 P 09 29.20 0.4
 LRCZ 33.46 176 eP 09 28.60 -0.3
 SBCZ 33.49 176 P 09 29.30 0.3
 MSCZ 33.50 176 eP 09 28.60 -0.4
 LSCZ 33.52 176 eP 09 29.00 -0.2
 ODZ 33.54 175 eP 09 28.50 -0.9
 CMCZ 33.54 177 P 09 29.90 0.4
 TLC 33.57 177 eP 09 30.30 0.5
 TUZ 34.37 176 eP 09 36.70 0.3
 ADE 34.39 223 eP 09 37.60 0.8
 WARB 40.29 243 iPd 10 25.20 -1.0
 FORT 40.41 236 eP 10 27.00 -0.1
 MBL 45.70 252 iPd 10 55.40 -14.5X
 0.4s 55.00nm
 COOL 46.12 238 iPd 11 12.80 -0.4
 0.5s 24.00nm 5.1mb
 MEEK 47.44 244 iPd 11 23.60 0.0

KLB 49.11 238 iPd 11 35.80 -0.6
 NANU 49.79 250 eP 11 41.00 -0.6
 0.3s 18.00nm 5.3mb
 MRWA 50.14 242 iPd 11 44.20 -0.1
 SSE 60.78 316 Pc 12 59.50 -1.0
 0.8s 9.00nm 4.8mb
 CN2 66.60 329 eP 13 37.40 -0.9
 GYA 69.37 304 P 13 55.80 -0.2
 0.8s 9.40nm 4.7mb
 pP 14 23.00 108kmX

XAN 71.06 312 Pd 14 06.00 0.0
 0.7s 19.00nm 5.0mb
 KMI 72.08 301 Pc 14 13.50 1.1
 2.0s 100.00nm 5.2mb
 HHC 72.75 319 P 14 17.00 1.1
 CD2 73.56 307 eP 14 22.00 1.3
 SPA 78.50 180 iPd 14 48.20 0.2
 1.2s 54.93nm 5.2mb
 GUN 87.27 299 P 15 34.10 0.3
 0.6s 14.00nm 5.1mb
 PKI 87.59 299 Pc 15 35.44 0.2
 0.5s 14.00nm 5.2mb
 KKN 87.76 299 Pc 15 36.18 0.2
 0.5s 15.00nm 5.2mb
 DMN 87.86 299 Pc 15 36.88 0.4
 0.7s 47.00nm 5.6mb
 GKN 88.36 299 Pc 15 38.44 -0.3
 0.6s 20.00nm 5.3mb
 WMO 90.03 315 P 15 46.50 0.4
 0.6s 9.70nm 5.0mb
 HYB 91.54 287 eP 15 54.00 0.5
 GBA 91.84 283 P 15 56.00 1.2
 YKA 95.07 27 eP 16 07.70 -1.1
 0.4s 0.60nm 4.3mb
 KAF 122.02 339 iPKP 21 39.50 -0.3X
 0.7s 7.00nm
 NUR 123.70 338 iPKP 21 43.30 0.2
 0.4s 6.70nm
 NAO 127.69 345 PKP 21 51.00 0.1
 0.7s 1.70nm
 ZST 135.46 331 e(PKP) 21 47.50 -18.5X
 GEC2 136.53 334 PKP 22 08.60 0.4
 0.6s 0.58nm
 BCAA 147.58 260 iPKPd 22 31.90 3.5X
 0.2s 76.00nm
 id 23 01.10
 KIC 169.97 240 (PKP) 22 54.70 1.1
 S.D. = 0.8 on 71 of 76 obs.

* DEC 24, 1992 20h 22m 58.55 ± 1.69s
 28.362 S ± 8.2km 70.486 W ± 16.1km
 DEPTH = 229.0 ± 38.5 km

CENTRAL CHILE (136)

RTLL 3.44 150 iPd 23 55.00 -0.3
 S 24 32.50
 RTCB 3.44 155 ePd 23 55.60 0.2
 S 24 33.00
 CFA 3.78 149 ePd 23 59.80 0.5
 S 24 39.20
 RTPR 3.97 120 ePd 24 00.80 -0.8
 CYA 4.13 92 iPd 24 03.50 -0.1
 S 24 46.00
 ANT 4.64 1 eP 24 09.80 0.1
 MRA 5.77 136 ePd 24 24.80 0.8
 TCA 5.92 122 i(P) 24 26.00 0.1
 S 25 24.00
 RFA 6.62 165 e(P) 24 34.20 -0.7
 S.D. = 0.7 on 9 of 9 obs.

DEC 24, 1992 20h 56m 34.14 ± 0.66s
 41.996 N ± 7.3km 20.710 E ± 6.1km
 DEPTH = 10.0km (geophysicist)

ALBANIA (391)

ML 2.4 (TTG).

SKO 0.54 92 iPd 56 45.00 -0.2
 0.3s 25.00nm
 PVY 0.81 318 iSg 56 53.50
 iSg 56 49.13 -0.8
 OHR 0.89 176 ePg 56 51.20 0.0
 eSg 57 04.70
 IVA 1.06 326 iPd 56 53.30 -0.9
 iSg 57 11.16
 ULC 1.09 269 iPd 56 53.93 -0.7
 iSg 57 11.31

TTG 1.16 292 iPd 56 55.46 -0.3
 iSg 57 12.88
 BDV 1.43 282 iPd 57 00.17 0.1
 iSg 57 23.01
 NKY 1.51 303 iPd 57 02.03 0.7
 iSg 57 24.87
 PLE 1.65 324 iPd 57 04.16 0.8
 iSg 57 28.51
 BRY 1.84 300 iPd 57 07.41 1.3
 iSg 57 33.60

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

* DEC 24, 1992 21h 02m 22.54 ± 1.35s
 15.255 N ± 8.1km 122.257 E ± 13.8km
 DEPTH = 37.7 ± 11.3 km
 4.3mb (5 obs.)

PHILIPPINE ISLANDS REGION (248)

OVP 1.36 243 ePd 02 43.50 -1.9
 eS 03 09.00
 TGY 1.72 228 ePd 02 56.00 5.5X
 BCP 1.96 306 eP 02 58.00 4.0X
 eS 03 44.00
 PGP 2.15 216 iPd 02 59.00 2.2
 iS 03 23.00
 CVP 2.47 350 eP 03 00.00 -1.3
 eS 03 34.00
 PIP 3.43 333 iPd 03 16.50 1.6
 eS 03 23.00
 PLP 4.85 147 ePd 03 39.50 4.4X
 BJI 25.26 349 eP 07 51.00 4.2X
 1.0s 55.00nm 5.1mb
 GUN 35.96 297 P 09 21.60 -0.6
 PKI 36.29 296 P 09 25.40 0.4
 KKN 36.45 296 P 09 26.20 0.0
 DMN 36.56 296 P 09 27.80 0.6
 WB2 36.94 161 iPd 09 29.30 -0.8
 0.7s 3.20nm 4.3mb
 GKN 37.05 296 P 09 30.80 -0.3
 ASPA 40.32 163 eP 09 58.00 -0.3
 0.8s 4.70nm 4.3mb
 GBA 43.38 274 P 10 23.00 -0.4
 NAO 86.84 333 P 15 04.60 0.3
 0.8s 1.50nm 4.3mb
 YKA 90.77 23 eP 15 23.50 0.7
 0.6s 0.30nm 3.8mb
 S.D. = 1.2 on 14 of 18 obs.

% DEC 24, 1992 21h 27m 55.38 ± 1.07s
 44.095 N ± 16.3km 11.197 E ± 5.6km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

MME 0.37 286 Pc 28 03.40 0.3
 eSg 28 10.40
 BDI 0.43 266 P 28 03.90 -0.4
 eSg 28 11.10
 PGD 0.44 120 P 28 04.10 -0.2
 eSg 28 11.00
 SFI 0.50 110 P 28 05.30 -0.3
 eSg 28 13.30
 PII 0.61 233 P 28 07.70 0.0
 CRE 0.72 130 P 28 10.20 0.6
 eSg 28 19.70

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

? DEC 24, 1992 21h 36m 27.26 ± 8.11s
 44.412 N ± 18.7km 6.731 E ± 53.2km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.7 (GEN).

PZZ 0.28 71 P 36 33.23 0.0
 S 36 35.38
 STV 0.46 111 P 36 36.68 0.1
 S 36 41.20
 ENR 0.53 110 P 36 37.90 -0.1
 S 36 43.16
 BHB 0.57 41 P 36 38.91 0.0
 S 36 45.01
 S.D. = 0.1 on 4 of 4 obs.

% DEC 24, 1992 21h 40m 38.67 ± 1.03s
 44.083 N ± 16.6km 11.186 E ± 5.7km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

24d 21h

MME 0.37 288 Pc 40 46.50 0.2
eSg 40 53.30
BDI 0.42 267 P 40 47.10 -0.3
eSg 40 54.30
PGD 0.44 118 P 40 48.00 0.3
eSg 40 55.20
SFI 0.51 108 P 40 48.60 -0.3
eSg 40 56.80
PII 0.60 233 P 40 50.80 0.0
S.D. = 0.4 on 5 of 5 obs.

DEC 24, 1992 22h 02m 05.08 ± 0.28s
16.385 S ± 6.8km 178.239 E ± 6.5km
DEPTH = 10.0km (geophysicist)
4.9mb (21 obs.) 4.8Msz (6 obs.)

FIJI ISLANDS (182)

ML 4.8 (SVA). Felt in the Mbua
area, Vanua Levu.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 22S, 37C

Centroid Location:

Origin Time 22:02:13.5 0.6

Lat 15.90S 0.07 Lon 178.22E 0.04

Dep 15.0 FIX Half-duration 1.2

Moment Tensor: Scale 10⁻¹⁷ Nm

Mrr=-0.09 0.04 Mtt=-0.57 0.05

Mff=0.67 0.06 Mrt=0.27 0.14

Mrf=-0.06 0.18 Mtf=1.29 0.04

Principal Axes:

T Val=1.48 Plg=3 Azm=302

N -0.05 78 49

P -1.43 11 212

Best Double Couple: M=1.5×10⁻¹⁷

NP1: Strike=348 Dip=80 Slip=-175

NP2: 257 85 -10

MBU 0.75 142 iPc 02 20.00 0.3

eS 02 32.50

SVA 1.73 173 eP 02 35.30 -0.1

eS 02 58.00

DZM 12.49 241 iPc 05 18.10 12.2X

RMO 29.16 245 eP 08 04.50 -4.3X

TOO 35.74 227 eP 09 10.00 3.9X

STK 36.63 238 eP 09 13.80 0.2

0.8s 3.00nm 4.2mb

WB2 41.76 258 eP 09 48.30 -8.2X

0.5s 4.20nm 4.4mb

WRA 41.78 258 P 09 59.20 2.6X

0.9s 0.60nm 3.3mb X

ASPA 42.15 253 iPc 09 57.70 -1.9

1.4s 15.60nm 4.5mb

Z 20s 0.70um 4.5Msz

MAT 64.80 325 eP 12 45.00 -1.3

Z 20s 0.71um 4.9Msz

eS 21 32.00

NJ2 74.51 311 eP 13 46.40 0.5

MDJ 75.12 326 eP 13 48.30 -0.8

CN2 76.88 324 eP 14 00.20 1.1

1.0s 8.10nm 4.8mb

Z 18s 0.48um 4.9Msz

eS 14 11.50

BCH 77.75 48 eP 14 03.96 -0.3

TIA 77.87 314 eP 14 04.10 -0.6

LGPM 78.90 41 eP 14 11.48 1.0

CMB 78.98 45 eP 14 10.71 -0.2

1.1s 14.68nm 4.9mb

ORV 79.03 43 eP 14 11.00 -0.1

ISA 79.13 48 eP 14 10.74 -1.0

1.2s 20.12nm 5.0mb

PLM 79.20 50 eP 14 12.28 -0.1

PEC 79.23 50 eP 14 12.17 -0.1

1.1s 6.05nm 4.5mb

MEMM 79.78 46 (P) 14 16.30 1.2

GSC 80.15 49 eP 14 17.95 0.6

BONR 80.37 46 eP 14 19.18 0.5

BJI 80.47 317 eP 14 19.00 0.3

1.6s 34.00nm 5.1mb

Z 20s 0.42um 4.8Msz

BGL 80.86 14 eP 14 19.25 -1.3

TNP 81.18 46 eP 14 22.81 0.0

1.1s 14.17nm 4.9mb

TPNV 81.32 48 eP 14 23.35 -0.2

1.1s 24.38nm 5.2mb

TIY 81.88 313 eP 14 25.00 -1.3

Z 32s 1.14um 5.0MszX

SHW 82.15 37 (P) 14 27.81 0.2

XAN 82.80 308 P 14 32.40 1.3

1.2s 11.00nm 4.9mb

pP 14 37.50 16kmX

RMW 83.10 36 eP 14 31.09 -1.3

TUC 83.35 54 eP 14 35.03 1.0

1.1s 11.82nm 5.0mb

ARUT 83.69 48 eP 14 36.20 0.4

HHC 83.93 316 eP 14 38.40 1.5

KMI 84.29 298 eP 14 40.00 0.9

1.0s 50.00nm 5.7mb

Z 34s 2.90um 5.4MszX

pP 14 46.00 19kmX

BTO 84.87 315 eP 14 45.20 3.7X

MSU 84.91 48 eP 14 42.73 0.8

FBA 85.07 14 eP 14 39.18 -2.7X

1.1s 15.13nm 5.1mb

DUG 85.19 46 eP 14 43.47 0.3

1.0s 4.71nm 4.7mb

CD2 85.56 304 eP 14 45.40 0.3

HVU 85.91 44 eP 14 47.14 0.4

SRU 86.33 48 eP 14 48.45 -0.5

PTI 86.65 44 (P) 14 50.89 0.4

LZH 87.43 309 eP 14 55.00 0.6

1.2s 36.00nm 5.5mb

Z 20s 0.45um 4.9Msz

pP 15 01.50 20kmX

ALO 87.69 53 eP 14 55.25 -0.4

1.1s 7.11nm 4.9mb

LCCM 88.26 41 eP 14 58.00 -0.1

BW06 88.49 45 eP 14 58.04 -1.4

1.7s 18.66nm 5.1mb

GLD 90.36 49 eP 15 09.09 0.9

1.3s 19.01nm 5.2mb

GTA 91.61 311 eP 15 16.00 2.2

RSSD 92.72 45 eP 15 18.31 -0.7

1.2s 16.74nm 5.3mb

YKA 94.32 25 eP 15 23.40 -2.2

1.1s 1.20nm 4.2mb

BMG 109.85 88 iPKPc 20 53.00 13.7X

BRG 143.36 343 e(PKP) 21 48.20 6.9X

KHC 145.03 342 PKP 21 43.00 -1.3

1.0s 4.30nm

e 21 49.00

e 22 02.50

GRF 145.15 345 ePKPc 21 44.20 -0.3

GEC2 145.25 342 PKP 21 44.60 -0.2

1.1s 3.86nm

SNF 145.61 353 iPKPc 21 45.98 0.8

DOU 145.98 353 PKP 21 49.00 3.2X

WLF 146.19 351 PKP 21 49.00 2.9X

CDF 147.21 349 ePKP 21 50.40 2.4X

0.9s 10.80nm

HAU 147.77 350 ePKP 21 51.80 3.0X

Z 21s 0.25um 5.0Msz

BSF 147.86 349 ePKP 21 52.00 2.9X

GRR 148.08 359 ePKP 21 52.70 3.5X

1.2s 27.95nm

LPF 148.44 359 ePKP 21 53.60 3.8X

0.8s 16.50nm

LOR 148.85 353 ePKP 21 54.90 4.3X

1.3s 18.75nm

Z 17s 0.20um 5.0MszX

SSF 149.10 353 ePKP 21 55.50 4.6X

1.1s 21.50nm

LBF 149.12 352 ePKP 21 55.40 4.4X

1.3s 20.95nm

AVF 149.39 353 ePKP 21 55.90 4.6X

1.1s 10.75nm

SMF 149.47 352 ePKP 21 56.40 4.9X

1.2s 1.85nm

BGF 149.67 354 ePKP 21 56.90 5.1X

0.8s 9.65nm

MFF 149.84 358 ePKP 21 57.20 5.2X

TCF 150.00 354 ePKP 21 57.70 5.4X

1.1s 12.95nm

MAF 150.03 354 ePKP 21 58.00 5.6X

1.1s 15.15nm

LPL 150.10 348 ePKP 21 58.80 6.0X

0.9s 9.95nm

LSF 150.10 355 ePKP 21 57.70 5.2X

1.2s 18.45nm

LPG 150.11 348 ePKP 21 59.00 6.1X

CAF 151.37 354 ePKP 22 00.90 6.5X

LPO 151.68 356 ePKP 22 01.70 6.8X

S.D. = 0.9 on 49 of 79 obs.

& DEC 24, 1992 22h 07m 29.13s

59.720 N 154.312 W

DEPTH = 181.5km

3.1mb (1 obs.)

SOUTHERN ALASKA (2)

<AEIC>.

PDB 0.09 42 iP 07 52.40 0.7

eS 08 10.77

MCNL 0.54 181 iP 07 53.44 -1.1

eS 08 12.38

AUL 0.56 127 iP 07 54.14 -0.5

AUH 0.57 129 eP 07 54.20 -0.5

AUI 0.59 130 eP 07 54.37 -0.4

eS 08 12.96

S 08 13.66

INW 0.69 59 iP 07 54.39 -1.0

INE 0.72 61 eP 07 54.40 -1.2

ILIM 0.77 61 iP 07 54.89 -0.9

eS 08 16.56

RED 1.04 47 iP 07 56.51 -1.2

RDW 1.07 44 eP 07 56.79 -1.3

RS1 1.08 46 iP 07 57.05 -1.0

RS2 1.08 46 eP 07 57.01 -1.1

RSO 1.08 46 iP 07 57.02 -1.1

NCT 1.09 39 eP 07 56.95 -1.1

RDN 1.11 44 eP 07 57.42 -0.9

REF 1.12 46 iP 07 57.31 -1.1

DFR 1.19 42 eP 07 57.93 -1.0

SYI 1.49 138 eP 08 00.56 -0.8

eS 08 23.90

SVW 1.54 336 P 08 00.80 -1.1

CNPM 1.58 96 eP 08 01.55 -0.7

eS 08 26.13

BRLK 1.74 87 eP 08 03.24 -0.7

eS 08 28.32

CKL 1.78 33 eP 08 03.41 -1.0

CKT 1.82 34 eP 08 03.69 -1.1

BGL 1.82 31 eP 08 03.97 -0.9

CKN 1.84 34 eP 08 04.21 -0.8

NKA 1.85 55 eP 08 05.51 0.6

SPU 1.84 36 iP 08 03.88 -1.2

CP2 1.86 33 eP 08 04.67 -0.7

CGLM 1.96 35 eP 08 05.21 -1.1

KDC 2.19 154 eP 08 08.66 -0.1

SLKM 2.20 67 eP 08 07.52 -1.3

SEW 2.48 79 eP 08 10.94 -1.1

SUA 2.48 44 eP 08 10.62 -1.6

MPA 2.60 71 eP 08 12.55 -0.9

SKT 2.65 38 eP 08 13.15 -0.9

PMS 2.81 55 P 08 13.80 -2.2

PTE 2.87 64 eP 08 14.57 -2.1

LTI 3.27 82 eP 08 20.21 -1.4

TTA 3.32 346 P 08 20.60 -1.

STH	11.91	341	iPd	23	22.39	0.6	DEPTH = 222.2 ± 7.7 km	KKN	50.24	315	P	29	13.94	-0.5	
BBJ	12.34	340	iPd	23	28.24	0.9	COOK STRAIT, NEW ZEALAND	DMN	50.25	315	P	29	13.72	-0.9	
ZOBO	23.35	168	P	25	32.10	1.0	(163)	GKN	50.82	315	P	29	17.72	-1.0	
			LR	52	36.00		DIW	0.70	152	Pd	10	05.90	-0.5		
LPB	23.60	169	(P)	25	38.00	4.8X				S	10	24.40			
CNCB	23.89	168	P	25	37.80	1.6	NRZ	0.92	22	P	10	07.60	0.1		
LMN	39.58	9	eP	27	38.50	-13.6X	ORZ	0.97	229	Pc	10	07.50	-0.3		
			pP	27	55.50	69kmX				S	10	27.40			
ULM	47.45	340	ePc	28	56.30	1.0	BSZ	1.17	71	P	10	09.50	0.4		
YKA	63.43	340	eP	30	47.50	-1.9	TCW	1.19	150	P	10	09.30	0.1		
	0.5s		8.00nm			4.9mb	KIW	1.28	122	Pc	10	09.60	-0.3		
TIC	67.32	86	P	31	14.60	-0.6	MRW	1.39	139	Pc	10	10.70	-0.1		
LIC	67.34	86	P	31	14.90	-0.4				S	10	32.80			
	0.6s		7.50nm			4.7mb	WEL	1.47	139	Pd	10	11.40	0.1		
KIC	67.61	86	Pc	31	16.70	-0.3				S	10	33.90			
	0.7s		13.00nm			4.8mb	CAW	1.51	128	Pc	10	11.80	0.0		
GEC2	82.70	42	Pd	32	42.40	0.4	MNG	1.58	106	Pd	10	12.60	0.2		
	0.6s		0.72nm			3.6mb X				S	10	35.60			
CRZF	118.39	140	ePd	35	10.00	-14.7X	THZ	1.64	196	P	10	12.90	0.0		
			e	38	27.00					S	10	36.90			
GKN	139.18	31	PKP	39	45.60	0.3	MTW	1.81	123	Pc	10	14.40	0.0		
KKN	139.68	31	PKP	39	46.20	-0.1	MOW	1.82	133	P	10	14.40	-0.1		
ASPA	149.28	234	iPKPc	40	05.80	3.5X	CNZ	1.87	59	P	10	15.20	0.1		
	0.7s		15.10nm				BLW	1.91	129	P	10	15.30	-0.1		
WB2	150.52	241	iPKPd	40	09.20	5.0X	NGZ	1.92	59	Pd	10	15.60	0.0		
	0.3s		25.30nm				MOZ	1.96	32	P	10	15.90	0.1		
			i	40	51.90		DSZ	2.01	219	P	10	16.60	0.2		
	S.D. = 1.0	on	21 of	26	obs.		PGZ	2.17	102	P	10	18.30	0.4		
							KHZ	2.23	179	P	10	18.60	0.2		
										S	10	46.40			
							LTZ	2.75	199	P	10	24.30	0.2		
										S	10	56.60			
							URZ	3.41	57	P	10	31.30	-0.3		
							MOZ	3.57	190	eP	10	32.70	-0.8		
										S	11	12.50			
							NOZ	3.86	67	P	10	37.20	0.2		
							PUZ	4.27	62	eP	10	41.70	-0.4		
							HBZ	4.56	57	eP	10	45.50	-0.1		
							DDZ	5.29	202	eP	10	55.30	0.5		
							S.D. = 0.3	on	27 of	27	obs.				
							DEC 24, 1992	23h	20m	18.89± 0.37s					
							7.026 S ± 7.1km		122.970 E ± 9.3km						
							DEPTH = 33.0km (normal)								
							4.7mb (11 obs.)		4.3Msz (1 obs.)						
							FLORES SEA		(279)						
							KHKI	7.42	259	eP	22	09.00	1.4		
									eS	23	27.20				
									e	25	12.50				
							MTN	9.90	126	iPd	22	42.10	0.1		
							WB2	16.94	140	iPc	24	13.40	-1.7		
								0.8s		7.80nm			3.9mb		
							WARB	19.37	170	eP	24	46.00	1.0		
							ASPA	19.60	149	eP	24	49.30	1.8		
								1.3s		25.50nm			4.4mb		
							Z	17s		0.70um			8.8MszX		
							MEEK	19.94	191	eP	24	51.00	-0.1		
							IPM	24.75	297	ePd	25	39.00	0.0		
								0.9s		30.40nm			4.9mb		
							STK	30.22	147	eP	26	28.70	-0.1		
								0.8s		2.00nm			4.0mb		
							CAN	36.94	143	eP	27	25.80	-1.0		
									e	27	31.20				
							KMI	37.54	329	eP	27	33.00	0.9		
								1.5s		90.00nm			5.4mb		
									pP	27	37.50	15kmX			
							NJ2	39.06	354	eP	27	46.00	1.5		
							CD2	41.97	335	eP	28	08.50	-0.1		
							XAN	42.96	343	P	28	16.60	0.0		
								1.0s		6.50nm			4.3mb		
							TIY	45.58	348	eP	28	40.20	2.5		
							Z	16s		0.60um			4.6MszX		
							LZH	46.50	339	eP	28	45.50	0.4		
								1.5s		30.00nm			5.0mb		
							Z	18s		0.29um			4.3Msz		
									pP	28	50.00	15kmX			
							BJI	47.25	353	eP	28	50.00	-0.7		
							LSA	47.63	322	Pd	28	54.60	0.1		
							HHC	48.78	348	P	29	03.40	0.5		
								1.2s		12.00nm			4.8mb		
							Z	28s		1.33um			4.8MszX		
							GUN	49.90	316	P	29	10.82	-1.2		
								0.2s		29.00nm			6.0mb X		
							PKI	50.02	315	P	29	11.94	-0.9		
								0.7s		14.00nm			5.1mb		
							HYB	50.15	300	eP	29	12.00	-1.7		
							DEC 24, 1992	23h	09m	35.66± 0.69s					
							40.188 S ± 4.5km		173.489 E ± 5.4km						
							DEPTH = 5.0km (geophysicist)								
							CENTRAL ITALY		(381)						
							ASS	0.38	306	P	56	44.40	-0.8		
									eSg	56	50.50				
							AQU	0.54	154	P	56	48.00	-0.4		
									eSg	56	56.80				
							ARV	0.66	351	Pc	56	50.50	-0.3		
									eSg	57	02.20				
							CRE	1.14	314	P	57	00.20	0.8		
									eSg	57	15.00				
							SDI	1.26	154	P	57	01.80	0.4		
							SFI	1.40	321	P	57	04.00	0.3		
									eSg	57	22.90				
							S.D. = 0.8	on	6 of	6	obs.				
							DEC 24, 1992	23h	09m	35.66± 0.69s					
							40.188 S ± 4.5km		173.489 E ± 5.4km						
							DEPTH = 10.0km (geophysicist)								
							SAN JUAN PROVINCE, ARGENTINA		(137)						
							DEC 24, 1992	23h	28m	10.82± 0.78s					
							31.950 S ± 8.5km		67.793 W ± 7.1km						
							DEPTH = 10.0km (geophysicist)								
							CFA	0.51	312	ePd	28	20.70	-0.5		
									S	28	29.10				
							RTCV	0.64	278	iPc	28	24.00	0.3		
									(S)	28	34.00				
							MRA	1.83	105	ePd	28	42.10	-0.4		
									S	29	04.80				
							RTPR	1.98	34	e(P)	28	45.10	0.5		
									S	29	11.60				
							RFA	2.87	191	e(P)	28	57.60	0.1		
									(S)	29	41.50				
							S.D. = 0.6	on	5 of	5	obs.				
							% DEC 24, 1992	23h	41m	13.47± 0.84s					
							44.050 N ± 14.2km		11.171 E ± 5.3km						
							DEPTH = 10.0km (geophysicist)								
							NORTHERN ITALY		(545)						
							MME	0.37	293	Pc	41	21.30	0.2		
									eSg	41	28.30				
							BDI	0.41	272	P	41	21.90	-0.1		
									eSg	41	29.00				
							PGD	0.43	113	P	41	22.10	-0.3		
									eSg	41	27.90				
							SFI	0.51	104	P	41	23.40	-0.4		
									eSg	41	31.50				
							PII	0.57	235	P	41	24.80	-0.2		
									eSg	41	32.60				

25d 00h

LSF 52.39 26 eP 54 28.40 0.2
0.7s 6.70nm 4.7mb
TCF 52.72 27 eP 54 30.90 0.2
MAF 52.83 27 eP 54 32.00 0.5
0.6s 2.55nm 4.3mb
AVF 53.62 27 eP 54 38.00 0.8
0.7s 1.30nm 4.0mb
SMF 53.73 27 eP 54 38.60 0.5
LBF 54.05 27 eP 54 40.90 0.4
0.7s 3.95nm 4.6mb
LOR 54.20 27 eP 54 41.70 0.1
0.7s 3.10nm 4.4mb
HAU 55.89 28 eP 54 53.90 0.0
0.7s 6.85nm 4.8mb
BSF 55.97 28 eP 54 54.30 -0.3
0.6s 3.80nm 4.6mb
CDF 56.62 28 eP 54 58.90 -0.3
DOU 56.65 25 Pc 54 59.50 0.2
GRF 59.38 29 iPc 55 18.40 -0.1
KHC 60.19 31 P 55 23.50 -0.6
1.0s 4.30nm 4.5mb
PRU 61.22 30 eP 55 30.20 -0.8
BRG 61.48 29 eP 55 32.20 -0.5
PSZ 62.89 35 e(P) 55 42.50 0.2
NAO 66.97 20 P 56 07.90 -0.6
0.9s 4.00nm 4.6mb
HFS 67.50 21 eP 56 09.90 -1.9
0.5s 1.00nm 4.3mb
YKA 87.25 332 eP 58 01.20 -0.1
0.8s 0.40nm 3.7mb
S.D. = 0.8 on 27 of 27 obs.

DEC 25, 1992 01h 03m 32.70±0.68s
32.265 S ± 7.5km 67.634 W ± 5.9km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

CFA 0.83 322 ePd 03 48.70 -0.6
S 03 59.20
RTCV 0.87 297 iP 03 49.60 -0.3
(S) 04 01.00
(S) 08 13.00
RTLL 1.17 322 ePd 03 55.00 -0.1
MDZ 1.20 239 eP 04 05.00 9.5X
iS 04 18.50
RTCB 1.26 308 ePd 03 57.50 0.9
MRA 1.64 96 ePd 04 02.80 0.6
S 04 24.00
RTPR 2.18 26 ePc 04 10.60 0.5
eS 04 37.90
RFA 2.59 195 e(P) 04 16.00 -0.1
(S) 04 54.00
TCA 2.75 71 e(P) 04 17.50 -0.9
S 04 57.00
S.D. = 0.7 on 8 of 9 obs.

% DEC 25, 1992 01h 35m 37.00±0.57s
39.248 N ± 5.3km 28.765 E ± 5.7km
DEPTH = 5.0km (geophysicist)
TURKEY (366)

MD 3.0 (ISK).
DST 0.37 343 iPg 35 44.10 -0.4
KCT 1.05 343 iPg 35 57.70 0.5
ALT 1.06 100 ePn 35 58.00 0.4
eSg 36 13.00
KHL 1.10 147 iPg 35 57.70 -0.4
YLV 1.40 19 ePn 36 02.70 -0.5
IZM 1.45 235 ePn 36 04.00 0.1
GPA 1.58 48 ePn 36 06.00 0.2
EZM 1.97 288 ePn 36 11.60 0.2
S.D. = 0.5 on 8 of 8 obs.

* DEC 25, 1992 02h 06m 10.45±1.62s
37.009 S ± 10.4km 176.910 E ± 9.8km
DEPTH = 288.8 ± 12.4 km
NORTH ISLAND, NEW ZEALAND (159)

KUZ 0.99 285 P 06 48.70 -1.1
eS 07 14.60
HBZ 1.26 118 P 06 50.70 -0.5
URZ 1.26 173 P 06 50.20 -1.0
eS 07 16.80
TAZ 1.26 195 eP 06 51.60 0.3
WLZ 1.35 230 P 06 51.60 -0.2
PUZ 1.51 135 Pd 06 52.70 -0.2
eS 07 19.80

NOZ 1.84 151 eP 06 55.50 0.3
PAHZ 1.85 177 eP 06 55.40 0.0
WHH 1.90 190 P 06 55.80 -0.1
MOH 2.13 175 eP 06 58.10 0.5
MOZ 2.24 228 eP 07 00.00 1.4
MAHZ 2.31 161 eP 07 00.20 1.0
WCZ 2.33 296 Pc 06 59.90 0.6
NGZ 2.40 205 eP 07 00.60 0.4
CNZ 2.44 206 eP 07 01.00 0.5
TTH 2.53 181 eP 07 01.80 0.6
WAHZ 2.72 189 eP 07 03.20 0.1
TEHZ 2.98 181 eP 07 06.10 0.5
BSZ 3.19 209 eP 07 08.80 1.1
PGZ 3.64 188 eP 07 12.60 0.1
MNG 3.77 197 Pc 07 13.70 -0.3
S 07 58.70
KIW 4.15 201 P 07 17.80 -0.4
MTW 4.29 194 P 07 19.00 -0.8
CAW 4.34 199 P 07 19.70 -0.6
DIW 4.45 211 P 07 21.10 -0.5
BLW 4.49 194 eP 07 21.70 -0.4
MRW 4.55 201 Pd 07 22.20 -0.6
eS 08 15.10
WEL 4.58 201 eP 07 22.80 -0.3
MOW 4.59 196 P 07 22.80 -0.5
TCW 4.67 205 P 07 24.00 -0.2
QRZ 5.12 221 eP 07 28.90 -0.5
eS 08 27.30
THZ 5.67 212 eP 07 36.20 0.1
eS 08 40.90
KHZ 5.99 205 Pc 07 40.30 0.4
eS 08 47.00
DSZ 6.17 218 eP 07 41.30 -0.8
LTZ 6.78 210 eP 07 49.40 -0.2
eS 09 03.20
MQZ 7.44 205 eP 07 56.40 -1.2
eS 09 16.40
BWZ 9.21 213 eP 08 19.60 0.0
ODZ 9.32 209 eP 08 22.40 1.4
TUZ 10.47 209 eP 08 36.20 0.9
S.D. = 0.7 on 39 of 39 obs.

% DEC 25, 1992 02h 10m 53.15±0.81s
44.045 N ± 13.9km 11.180 E ± 5.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

MME 0.38 293 Pc 11 01.10 0.2
eSg 11 08.10
BDI 0.42 273 P 11 01.70 -0.1
eSg 11 08.70
PGD 0.43 113 P 11 01.80 -0.1
eSg 11 09.30
SFI 0.50 104 P 11 03.00 -0.3
eSg 11 10.80
PII 0.57 236 P 11 04.60 -0.2
eSg 11 13.10
CRE 0.70 126 P 11 07.50 0.5
S.D. = 0.4 on 6 of 6 obs.

DEC 25, 1992 02h 25m 51.43±0.77s
37.242 N ± 6.5km 28.193 E ± 8.2km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
MD 3.9 (ATH), 3.7 (ISK). ML 3.9 (CSS).

YER 0.13 146 ePg 25 53.00 -1.2
ELL 1.46 109 iPn 26 18.60 0.0
KHL 1.51 44 ePn 26 19.00 -0.2
KSL 1.58 135 ePn 26 21.50 1.3
eSn 26 46.10
BCK 1.92 83 ePn 26 25.50 0.3
ALT 2.36 39 ePn 26 30.50 -1.0
DST 2.38 8 iPn 26 30.80 -1.0
NPS 2.87 227 ePn 26 38.00 -0.8
EZM 2.97 331 ePn 26 41.70 1.7
CSS 4.74 117 eP 27 06.10 0.8
eS 28 04.00
S.D. = 1.2 on 10 of 10 obs.

? DEC 25, 1992 02h 26m 38.07±3.10s
24.874 N ± 28.3km 123.323 E ± 44.4km
DEPTH = 125.3 ± 35.8 km
3.7mb (2 obs.)
SOUTHWESTERN RYUKYU ISLANDS (246)

TWC 1.37 259 iPc 27 04.80 0.2
eS 27 25.10
TWD 1.76 244 ePd 27 09.10 -0.2
TWQ 2.34 256 ePc 27 16.50 -0.1
TWF1 2.39 231 ePc 27 17.10 -0.1
TWG 2.90 226 ePc 27 24.00 0.1
TWK 3.05 239 eP 27 26.00 0.2
WRA 45.82 165 P 34 49.30 0.2
0.6s 0.40nm 3.3mb
WB2 45.82 165 iPd 34 49.00 -0.2
0.5s 2.20nm 4.1mb
S.D. = 0.2 on 8 of 8 obs.

? DEC 25, 1992 02h 37m 09.01±1.08s
44.030 N ± 13.7km 11.145 E ± 6.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

MME 0.36 297 Pc 37 16.60 0.1
eSg 37 22.70
BDI 0.40 275 P 37 17.00 -0.2
eSg 37 24.20
PGD 0.44 110 P 37 18.10 0.0
eSg 37 26.10
PII 0.55 236 P 37 20.10 0.1
eSg 37 28.20
S.D. = 0.2 on 4 of 4 obs.

DEC 25, 1992 02h 37m 14.51±0.43s
40.007 N ± 3.8km 28.740 E ± 4.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.3 (ISK).

KCT 0.38 310 iPg 37 23.20 0.9
DST 0.41 192 iPg 37 22.10 -0.8
BNT 0.72 299 iPg 37 29.20 0.5
iSg 37 39.00
YLV 0.74 41 iPn 37 29.20 0.1
GBZT 0.95 34 ePn 37 33.00 0.4
iSg 37 48.00
HRT 1.08 41 ePn 37 34.20 -0.6
ISK 1.09 13 iPn 37 34.00 -0.9
eSg 37 49.00
CTT 1.16 348 iPn 37 36.10 -0.1
EYL 1.22 62 ePn 37 38.00 0.7
GPA 1.24 76 iPn 37 36.70 -0.8
ALT 1.42 131 ePn 37 41.50 1.0
KHL 1.79 160 ePn 37 46.00 0.3
EZM 1.87 265 iPn 37 45.70 -1.0
IZM 1.97 216 ePn 37 48.70 0.3
S.D. = 0.8 on 14 of 14 obs.

* DEC 25, 1992 03h 01m 56.95±1.18s
8.807 S ± 16.3km 122.070 E ± 11.1km
DEPTH = 106.4 ± 13.0 km
4.6mb (5 obs.)
FLORES REGION, INDONESIA (286)
Felt in the Maumere area.

MKS 4.40 324 iPd 03 02.80 0.1
TRT 9.40 276 ePd 04 11.00 -0.2
MTN 9.76 115 eP 04 16.00 0.0
eS 06 07.00
MBL 12.47 190 eP 04 35.00 -16.9X
WB2 16.24 134 iPd 05 38.90 -1.3X
eS 08 37.30
MEEK 18.03 190 eP 06 08.00 5.7X
ASPA 18.62 144 eP 06 14.50 5.4X
2.1s 64.00nm 4.6mb
Z 23s 0.60um 4.3msz
eS 09 37.30
STK 29.26 144 eP 07 59.90 8.8X
0.6s 2.80nm 4.1mb
RMO 30.80 128 eP 08 13.70 8.9X
TOO 35.61 147 iPc 08 56.30 10.1X
0.8s 19.00nm
KMI 38.63 331 Pd 09 13.60 1.7
2.0s 130.00nm 5.4mb
CD2 43.22 337 eP 09 49.20 -0.1
XAN 44.40 344 P 09 58.40 -0.4
pP 10 04.40 20kmX
LZH 47.84 340 eP 10 26.00 0.0
1.5s 27.00nm 4.8mb
Z 15s 0.24um 4.3mszX
pP 10 30.00 13kmX
sP 10 33.00

LSA 48.49 323 eP 10 31.00 -0.5
GBA 49.59 296 P 10 41.10 1.6
BTO 50.40 348 eP 10 45.70 0.2
GUN 50.57 317 P 10 46.26 -1.0
PKI 50.67 317 P 10 46.28 -1.7X
DMN 50.90 317 P 10 48.64 -1.0
GKN 51.47 317 P 10 53.30 -0.6
GTA 52.23 338 eP 10 59.50 0.1

1.2s 4.00nm 4.3mb
WMQ 60.95 332 P 12 03.80 2.7X
S.D. = 0.9 on 14 of 23 obs.

% DEC 25, 1992 03h 04m 14.68 ± 0.81s
44.038 N ± 14.1km 11.171 E ± 5.3km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

MME 0.37 295 Pc 04 22.60 0.2
eSg 04 29.50
BDI 0.41 274 P 04 23.20 0.0
eSg 04 30.30
PGD 0.43 112 P 04 23.20 -0.3
eSg 04 30.10
SFI 0.51 103 P 04 24.50 -0.4
eSg 04 32.70
PII 0.57 236 P 04 25.80 -0.3
eSg 04 32.00
CRE 0.70 126 Pd 04 29.40 0.9
eSg 04 38.60
S.D. = 0.6 on 6 of 6 obs.

& DEC 25, 1992 03h 35m 07.40s
35.917 N 120.520 W
DEPTH = 9.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.2 (BRK), 3.1 (PAS),
3.0 (GS).

PHAM 0.13 129 iPd 35 10.26 -0.2
PRI 0.25 332 iPc 35 12.77 0.0
eS 35 17.31
LLA 0.78 334 iPd 35 21.87 -0.8
eS 35 35.47
PRS 0.80 301 iPc 35 22.13 -1.0
eS 35 32.70
BCH 0.81 154 iPd 35 22.37 -0.9
SAO 1.13 319 iPd 35 27.09 -1.6
eS 35 42.78
FRI 1.26 31 eP 35 28.87 -1.9
eS 35 44.94
GCC 1.63 313 iPd 35 34.03 -2.3
eS 35 58.11
ARN 1.65 331 eP 35 34.56 -2.0
ISA 1.68 98 ePnc 35 34.88 -2.3
eS 35 57.11
MHC 1.68 328 ePc 35 35.40 -1.9
eS 36 04.73
MMPM 2.07 35 (Pn) 35 42.52 -0.6
CMB 2.12 3 iPc 35 42.59 -0.9
eS 36 11.29
MTUM 2.13 47 ePn 35 42.83 -0.9
iPg 35 44.70
eS 36 09.45
MEMM 2.16 36 ePn 35 43.88 -0.1
PCC 2.18 317 eP 35 41.84 -2.4
JEGM 2.23 316 (P) 35 48.27 3.2
MRCM 2.38 42 ePn 35 46.99 -0.5
eS 36 22.19
BKS 2.39 325 ePc 35 45.58 -1.8
HMR 2.46 336 (Pg) 35 59.75 11.5
BONR 2.70 40 ePn 35 50.47 -1.6
SSK 2.88 125 ePn 35 52.75 -1.7
GSC 3.09 100 ePn 35 54.26 -3.1
TNP 3.41 50 ePn 36 00.26 -1.8
ePb 36 07.74
eS 36 55.89

PEC 3.42 125 ePn 35 59.99 -2.0
TPNV 3.59 72 eP 36 09.89 5.3
ORV 3.71 348 ePn 36 06.11 -0.1
S 37 00.15
PLM 3.95 129 ePn 36 06.44 -3.3
28 obs. associated

DEC 25, 1992 03h 43m 09.57 ± 0.51s
46.379 N ± 4.7km 11.226 E ± 4.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

ML 2.9 (VIE).

OGA 0.51 344 iPg 43 19.90 0.0
iSg 43 26.60
OSS 0.81 293 iPc 43 24.30 -1.1
SQTa 0.84 359 iPg 43 25.60 -0.3
iSg 43 36.90
SAL 0.91 213 P 43 26.70 -0.3
eSg 43 40.10
WTTA 0.93 18 iPg 43 27.20 -0.2
iSg 43 40.00
FVI 1.10 78 P 43 30.30 0.2
eSn 43 47.40
VDL 1.22 276 iPd 43 31.10 -1.3
LLS 1.61 289 ePc 43 39.60 1.3
KBA 1.62 64 iPg 43 39.40 1.0
id 43 39.70
iSg 44 02.10
TMA 1.66 261 iPd 43 39.20 0.3
VAI 1.78 254 P 43 41.30 0.7
TRI 1.89 110 e(Pg) 44 06.50 24.3X
i(Sg) 44 09.90
SLE 2.33 308 ePc 43 50.10 1.6
BDI 2.36 191 P 43 49.50 0.5
PII 2.70 191 P 43 52.90 -0.9
GEC2 2.98 33 Pn 43 56.60 -1.3
Pg 44 03.90
Sg 44 44.60
KHC 3.18 29 Pn 44 11.50 10.9X
e 44 18.00
e 44 39.50
eSg 44 51.00
GRF 3.32 360 e(Pg) 44 12.70 10.2X
eSg 44 55.40
S.D. = 1.0 on 15 of 18 obs.

* DEC 25, 1992 03h 48m 32.01 ± 1.62s
20.743 S ± 9.6km 169.404 E ± 12.6km
DEPTH = 37.2 ± 15.5 km
4.3mb (2 obs.)

VANUATU ISLANDS (186)

DZM 3.06 244 iPc 49 19.00 -0.2
iS 49 53.20
BKM 3.25 340 iPc 49 22.00 0.2
iS 49 59.50
PUZ 18.89 158 P 52 52.40 0.4
RMO 19.76 249 eP 53 03.00 1.1
MNG 20.48 167 Pc 53 08.80 -0.5
PGZ 20.66 165 P 53 10.10 -1.0
THZ 21.16 173 eP 53 17.00 0.6
BWA 23.00 229 eP 53 33.90 -0.7
CAN 23.07 227 eP 53 36.60 1.3
WB2 32.84 265 iPc 55 02.70 -1.8
0.6s 1.90nm 4.2mb
e 55 16.30
ASPA 32.95 258 eP 55 13.20 7.7X
0.8s 5.30nm 4.5mb
BRG 144.28 333 ePKP 08 13.30 7.7X
KHC 145.73 331 ePKP 08 17.50 9.3X
1.0s 3.50nm
e 08 26.50
GEC2 145.88 331 PKPd 08 07.00 -1.5
0.6s 1.21nm
GRF 146.31 334 ePKP 08 10.00 0.9
BCAO 147.37 244 iPKPd 08 13.10 1.3
0.8s 7.00nm
ic 08 27.00
S.D. = 1.2 on 13 of 16 obs.

% DEC 25, 1992 03h 54m 01.21 ± 0.64s
37.487 N ± 5.6km 28.351 E ± 6.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.4 (ISK).

YER 0.36 189 iPg 54 09.00 0.4
KHL 1.25 48 iPn 54 24.80 0.4
IZM 1.25 317 ePn 54 23.80 -0.7
ELL 1.45 120 iPn 54 26.60 -1.0
BCK 1.78 90 ePn 54 32.60 0.3
ALT 2.09 41 ePn 54 37.00 0.2
DST 2.13 6 ePn 54 37.00 -0.3
EZN 2.82 326 ePn 54 47.80 0.7
S.D. = 0.7 on 8 of 8 obs.

& DEC 25, 1992 04h 25m 09.60s

39.955 N 120.842 W
DEPTH = 16.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 4.2 (BRK). Felt (V) at
Twain, (IV) at Crescent Mills
and (III) at Portola and Quincy.

ORV 0.65 232 iPc 25 21.45 -0.6
eS 25 30.25
MIN 0.70 304 iPc 25 22.15 -1.0
LMEM 0.81 316 eP 25 24.64 -0.3
LBFM 1.60 330 iPnd 25 38.26 0.7
LGPM 1.79 303 ePnd 25 39.89 -0.3
eS 26 04.07
HMR 1.95 203 eP 25 44.85 2.5
CMB 1.95 169 iPd 25 42.89 0.5
eS 26 09.64
NTYM 2.11 223 iPc 25 44.81 0.2
S 26 10.38
ZSP 2.29 209 eP 25 48.84 1.6
eS 26 18.25
KVN 2.31 112 ePn 25 48.16 0.5
ePb 25 51.34
iPg 25 55.20
eS 26 23.12
BKS 2.34 208 ePd 25 48.33 0.3
eS 26 17.15
FHC 2.55 290 ePn 25 52.19 1.2
MHC 2.55 281 (P) 25 52.56 1.4
eS 26 29.34
MEMM 2.73 146 ePn 25 55.38 1.9
iPg 25 59.63
eS 26 36.07
PCC 2.73 207 eP 25 54.45 0.9
MMPM 2.74 148 ePn 25 55.59 1.6
iPg 25 59.42
eS 26 37.54
BONR 2.81 134 ePn 25 56.02 1.0
iPg 26 01.53
MRCM 2.92 141 ePn 25 57.90 1.5
ePg 26 05.65
GCC 3.06 198 eP 26 01.84 3.7
MTUM 3.15 145 iPnd 26 01.22 1.5
ePg 26 07.37
eS 26 51.82
LLA 3.33 181 eP 26 08.45 6.3
TNP 3.39 122 ePn 26 03.27 0.2
eS 26 57.02
DBO 3.64 331 P 26 08.89 2.4
PRS 3.64 187 eP 26 07.28 0.8
HSO 3.94 335 P 26 13.13 2.3
HBO 4.04 345 P 26 14.68 2.5
TCO 4.19 353 P 26 22.49 8.1
VIPM 4.55 2 P 26 29.41 9.8
ISA 4.68 156 iPnc 26 23.09 1.8
iPg 26 33.24
eS 27 35.43
TPNV 4.69 128 (Pn) 26 22.52 1.0
ePg 26 40.73
eS 27 38.00
BCH 4.80 173 (Pn) 26 29.29 6.3
eS 27 29.29
SSOR 5.04 347 P 26 29.50 3.1
GT2 5.30 349 P 26 33.13 3.1
VGB 5.56 0 ePn 26 41.48 7.8
ePg 26 52.77
GSC 5.64 144 ePn 26 37.89 3.0
ePg 26 53.88
eS 28 10.11
DUG 6.16 85 ePn 26 41.51 -0.8
0.5s 4.25nm 4.5mb X
S 28 25.11
ARUT 6.17 108 ePn 26 42.31 -0.1
eS 28 22.90
HVU 6.38 71 ePg 27 06.45 21.0
(S) 28 26.32
PEC 6.73 153 ePn 26 51.22 1.0
eS 28 34.52
LON 6.83 354 (Pn) 26 53.11 1.6
MSU 6.88 99 iPnc 26 52.74 0.2
SRU 8.02 93 ePnd 27 10.62 2.2
eS 29 23.87
LCCM 8.82 45 eP 27 44.60 25.1
PV09 9.20 95 ePn 27 27.52 2.6

25d 04h

PV10 9.30 96 eS 29 59.08
 PV08 9.56 94 (Pn) 27 28.10 1.8
 27 31.45 1.6
 27 44.22
 YKA 22.88 7 eP 30 18.00 5.6
 1.1s 1.10nm 3.3mb
 49 obs. associated

? DEC 25, 1992 04h 48m 09.63± 1.27s
 44.018 N ± 24.3km 11.178 E ± 5.6km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)

PGD 0.42 110 P 48 18.00 -0.2
 48 22.90
 BDI 0.42 276 P 48 18.20 0.0
 48 24.90
 SFI 0.50 101 P 48 19.90 0.2
 48 26.60
 PII 0.56 238 P 48 21.00 0.1
 S.D. = 0.3 on 4 of 4 obs.

* DEC 25, 1992 05h 03m 19.52± 2.18s
 15.070 N ± 7.1km 60.359 W ± 21.0km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 MD 3.4 (TRN). ML 3.3 (FDF).

CRM 0.62 240 iPd 03 31.73 -0.1
 MVM 0.73 225 iPd 03 33.39 0.0
 FDF 0.84 246 iPd 03 34.71 -0.2
 03 45.90
 BIM 0.88 231 iPd 03 35.68 0.1
 03 47.10
 MDN 1.03 284 eP 03 37.99 0.3
 03 49.34
 SLW 1.18 208 eP 03 39.78 -0.1
 03 54.88
 DOG 1.55 308 ePd 03 45.04 0.0
 PAG 1.59 307 eP 03 45.70 -0.1
 04 04.59
 SVB 1.99 206 eP 03 51.64 0.2
 04 15.34
 GRW 3.16 204 eP 04 08.07 -0.1
 04 48.75
 S.D. = 0.2 on 10 of 10 obs.

* DEC 25, 1992 05h 28m 30.65± 0.78s
 22.025 S ± 9.2km 67.315 W ± 11.1km
 DEPTH = 195.5 ± 10.7 km
 4.2mb (2 obs.)
 CHILE-BOLIVIA BORDER REGION (124)

YJA 1.69 95 iPd 29 06.30 -0.2
 29 29.00
 HJA 2.12 124 iPd 29 11.80 1.3
 29 43.00
 ANT 3.31 239 iP 29 23.50 -0.8
 30 02.30
 CCH 4.75 14 P 29 41.50 -1.2
 30 35.00
 CNCB 5.23 353 iPd 29 49.80 0.7
 30 49.00
 LPB 5.51 352 Pd 29 53.20 0.5
 0.9s 36.97nm 4.6mb
 30 54.00
 ZOBO 5.76 352 P 29 55.80 -0.3
 31 01.00
 VAO 18.83 97 (P) 32 37.00 -1.1
 YKA 92.18 340 eP 41 19.50 1.0
 0.7s 0.70nm 3.8mb
 S.D. = 1.2 on 9 of 9 obs.

* DEC 25, 1992 05h 37m 46.52± 0.85s
 24.177 N ± 9.1km 121.773 E ± 15.5km
 DEPTH = 48.8 ± 10.8 km
 3.7mb (2 obs.)
 TAIWAN (244)

TWD 0.19 239 iPd 37 52.90 -1.8
 37 56.60
 TWC 0.44 9 iPd 37 57.70 0.7
 38 05.50
 TWO 0.86 277 iPd 38 02.90 0.4
 TWK 1.49 233 ePd 38 11.70 0.4
 BBP 3.67 177 ePd 38 43.60 1.5
 SSE 6.91 356 P 39 27.60 -0.1

WRA 45.53 163 P 46 01.90 -1.4
 0.8s 0.40nm 3.4mb
 YKA 82.77 23 eP 50 06.50 0.1
 0.8s 1.20nm 4.0mb
 S.D. = 1.4 on 8 of 8 obs.

? DEC 25, 1992 05h 58m 50.54± 0.95s
 39.294 N ± 8.0km 28.708 E ± 8.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

DST 0.32 349 ePg 58 56.50 -0.6
 59 00.70
 KCT 0.99 344 iPd 59 10.00 0.7
 ALT 1.12 102 ePd 59 10.80 -0.7
 EDC 1.24 329 ePd 59 13.00 -0.5
 YLV 1.37 22 ePd 59 15.00 -0.7
 IZM 1.44 232 ePd 59 17.00 0.3
 EYL 1.69 41 ePd 59 22.00 1.7
 S.D. = 1.1 on 7 of 7 obs.

? DEC 25, 1992 06h 02m 52.95± 3.51s
 7.208 S ± 36.7km 130.490 E ± 25.8km
 DEPTH = 101.6 ± 18.4 km
 4.1mb (1 obs.)
 TANIMBAR ISLANDS REG., INDONESIA (281)

SLKI 1.11 134 iPd 03 15.00 0.0
 03 33.50
 MTN 5.64 174 iPd 04 16.10 0.3
 05 35.00
 WB2 13.20 164 iPd 05 54.00 -3.7X
 08 18.40
 ASPA 16.69 169 eP 06 41.10 -1.0
 09 45.50
 MBL 17.28 216 eP 06 32.00 -17.3X
 WARB 19.22 191 iPd 07 12.80 1.0
 NANU 20.99 222 eP 07 29.50 -0.4
 STK 26.64 159 eP 08 24.10 0.1
 0.4s 2.80nm 4.1mb
 S.D. = 1.0 on 6 of 8 obs.

* DEC 25, 1992 06h 15m 25.03± 1.17s
 34.846 N ± 23.5km 104.886 E ± 19.9km
 DEPTH = 33.0km (normal)
 3.6mb (3 obs.)
 GANSU, CHINA (322)
 ML 3.4 (BJI).

LZH 1.50 326 iPd 15 50.50 0.4
 XAN 3.43 102 Pn 16 17.10 -0.4
 16 25.50
 16 59.40
 17 13.20
 GTA 6.10 320 ePd 16 54.50 -0.8
 1.0s 5.00nm 4.1mb
 6.73 63 ePg 17 26.70 22.5X
 7.04 34 ePg 17 34.40 26.0X
 WRA 61.26 148 P 25 39.50 0.2
 1.0s 0.30nm 3.4mb
 YKA 77.93 18 eP 27 21.60 0.7
 1.1s 0.50nm 3.5mb
 S.D. = 0.9 on 5 of 7 obs.

DEC 25, 1992 06h 40m 29.30± 1.02s
 14.862 S ± 7.7km 167.415 E ± 10.1km
 DEPTH = 143.4 ± 8.6 km
 4.6mb (6 obs.)
 VANUATU ISLANDS (186)

BKM 2.90 164 iPd 41 15.50 -0.2
 41 53.00
 PVC 2.99 163 iPd 41 18.00 1.2
 41 58.50
 DZM 7.23 187 iPd 42 12.80 -0.9
 43 27.00
 HNR 9.08 306 eP 42 38.00 -0.4
 44 19.00
 RMO 20.91 233 iPd 45 03.10 1.1
 WCZ 21.89 165 eP 45 14.20 2.7X
 URZ 24.83 162 eP 45 40.50 0.8
 NOZ 25.45 160 eP 45 46.30 0.9
 CMS 25.76 226 iPd 45 48.80 0.4
 0.3s 5.00nm 4.6mb
 MTW 27.13 167 eP 45 59.30 -1.4

THZ 27.22 171 eP 46 01.70 0.1
 BLW 27.32 167 eP 46 01.40 -1.1
 KHZ 27.96 170 eP 46 07.10 -1.1
 LTZ 28.14 172 P 46 10.00 0.2
 0.6s 30.00nm 5.2mb
 STK 29.02 230 iPd 46 18.50 0.6
 0.5s 7.30nm 4.7mb
 TUZ 31.05 177 P 46 35.90 0.4
 0.7s 22.00nm 5.0mb
 ASPA 32.76 249 eP 46 49.30 -1.5
 1.0s 6.10nm 4.3mb
 YKA 97.60 27 eP 53 47.20 -0.8
 0.8s 0.40nm 4.0mb
 BSF 143.41 338 ePKP 59 46.80 -1.6
 0.6s 2.00nm
 HAU 143.43 339 ePKP 59 46.90 -1.4
 0.9s 5.40nm
 VAI 144.25 334 PKPc 59 49.30 -0.4
 PGD 144.42 329 PKP 59 51.30 0.9
 TDS 144.63 320 PKP 59 51.10 0.5
 MME 144.68 331 PKP 59 52.00 1.1
 FLN 144.76 346 ePKP 59 50.30 -0.2
 0.7s 13.55nm

BOB 144.83 332 PKP 59 51.80 0.9
 LDF 144.83 346 ePKP 59 50.60 -0.1
 0.7s 9.70nm
 BDI 144.83 330 PKP 59 50.50 -0.4
 LOR 144.91 340 ePKP 59 51.50 0.6
 1.0s 19.00nm
 LBF 145.12 340 ePKP 59 52.20 0.9
 0.9s 18.35nm
 GRR 145.20 346 ePKP 59 52.20 0.9
 0.8s 33.70nm
 SSF 145.21 341 ePKP 59 52.80 1.4X
 0.8s 39.50nm
 LPL 145.37 336 ePKP 59 53.80 1.8X
 0.6s 12.45nm
 LPG 145.38 336 ePKP 59 53.90 1.8X
 0.5s 10.35nm
 SMF 145.46 340 ePKP 59 53.40 1.6X
 1.0s 24.00nm
 AVF 145.49 341 ePKP 59 53.40 1.6X
 1.0s 14.40nm
 LPF 145.57 346 ePKP 59 53.60 1.7X
 0.8s 29.15nm
 BNI 145.78 335 PKP 59 55.20 2.6X
 BGF 145.86 341 ePKP 59 54.60 2.1X
 0.6s 5.30nm
 MAF 146.25 341 ePKP 59 55.80 2.6X
 0.9s 11.95nm
 TCF 146.30 341 ePKP 59 55.90 2.6X
 1.0s 13.20nm
 SBF 146.43 333 ePKP 59 56.10 2.5X
 0.6s 16.05nm
 LSF 146.54 342 ePKP 59 56.30 2.7X
 0.9s 14.60nm
 MFF 146.69 344 ePKP 59 56.90 3.1X
 0.8s 14.65nm
 FRF 147.01 334 ePKP 59 57.70 3.3X
 0.6s 14.65nm
 LMR 147.25 334 ePKP 59 58.30 3.5X
 RJF 147.40 341 ePKP 59 59.00 4.0X
 0.8s 7.95nm
 CAF 147.56 340 ePKP 59 59.80 4.5X
 BCAA 147.67 254 iPKPc 00 00.10 3.7X
 0.4s 8.00nm
 ic 00 09.50
 LFF 147.96 342 ePKP 00 00.50 4.6X
 0.8s 11.15nm
 LPO 148.06 341 ePKP 00 00.90 4.8X
 0.8s 8.20nm
 S.D. = 0.9 on 30 of 51 obs.

DEC 25, 1992 06h 57m 52.19± 0.33s
 45.564 N ± 7.4km 147.988 E ± 4.7km
 DEPTH = 159.0km (4 depth phases)
 4.6mb (34 obs.)
 KURIL ISLANDS (221)

KUR 0.34 195 iPd 58 11.70 -1.8
 58 27.50
 YSS 3.93 294 iPd 58 53.00 0.6
 59 41.00
 SKR 7.45 44 ePd 59 38.10 -1.1
 MAT 11.64 223 (P) 00 42.00 7.5X
 MDJ 13.04 272 eP 00 52.50 0.0
 1.0s 18.00nm 4.5mb

CN2	16.12	272 Pd	01 30.40	-0.6	WTTA	79.93	331 iPd	09 44.90	0.3	KKN	55.09	311 P	25 38.92	-0.8	
	0.8s	12.00nm		4.3mb			iP	09 56.60			0.7s	21.00nm		5.2mb	
SNY	18.02	267 Pd	01 52.50	-1.0	FLN	82.10	340 eP	09 55.40	-0.3	DMN	55.12	311 P	25 39.44	-0.6	
	1.0s	76.00nm		5.0mb	LDF	82.17	339 eP	09 55.90	-0.1	GKN	55.68	311 P	25 43.02	-0.9	
BOD	24.00	313 eP	02 51.70	-1.4	LOR	82.33	336 eP	09 56.90	0.0	NDI	61.72	308 eP	26 23.00	-2.6X	
TIA	25.00	259 eP	03 03.30	0.6	GRR	82.54	340 eP	09 57.80	-0.2	MAIO	78.43	309 eP	28 07.00	0.2	
	1.4s	210.00nm		5.5mb	LBF	82.56	336 eP	09 58.50	0.4	YKA	107.88	26 ePKP	34 30.30	-1.6	
SSE	25.36	245 Pd	03 06.50	0.6	SSF	82.62	336 eP	09 58.50	0.1		0.6s	0.30nm			
	1.0s	11.00nm		4.4mb	SMF	82.90	336 eP	10 00.00	0.1	GEC2	112.21	320 PKP	34 40.30	-0.3	
HHC	26.81	273 Pd	03 19.60	0.4	AVF	82.91	336 eP	10 00.10	0.2		0.5s	0.64nm			
	1.0s	67.00nm		5.2mb		0.6s	4.95nm		4.5mb			e	34 46.80		
TIY	27.53	266 eP	03 26.00	0.3	LPF	82.92	340 eP	10 00.00	0.1	LPB	150.75	143 PKP	35 55.00	2.4X	
Z	20s	0.50um		4.1msz	LPL	83.06	334 eP	10 02.20	1.2	ZOBO	150.92	143 PKP	35 53.70	0.5	
BTO	27.99	273 eP	03 30.00	0.1		0.7s	4.20nm		4.4mb	CCH	151.18	147 ePKP	36 01.00	7.9X	
ZAK	29.96	296 eP	03 45.70	-1.4	LPG	83.07	334 eP	10 02.40	1.3			e	36 41.00		
	1.7s	15.00nm		4.4mb	MAF	83.65	337 eP	10 05.00	1.3	SIV	154.81	155 (PKP)	36 01.00	3.1X	
		e	04 18.60			0.8s	7.00nm		4.5mb			e	36 41.00		
WHN	30.18	252 Pd	03 53.50	4.3X	MFF	84.03	339 eP	10 06.30	0.8	S.D. = 1.0 on 34 of 43 obs.					
	0.7s	50.00nm		5.4mb	LPO	85.45	337 eP	10 13.40	0.7	% DEC 25, 1992 07h 38m 15.42± 2.96s					
XAN	31.85	263 P	04 03.30	-0.6		0.4s	1.60nm		4.2mb	39.250 N ±25.3km 28.742 E ±21.1km					
	1.0s	21.00nm		4.9mb	S.D. = 0.8 on 62 of 66 obs.					DEPTH = 10.0km (geophysicist)					
LZH	34.34	270 iPd	04 26.00	0.5	DEC 25, 1992 07h 16m 18.04± 0.63s					TURKEY (366)					
	1.2s	100.00nm		5.4mb	6.984 S ± 5.7km 129.680 E ± 8.3km					MD 2.8 (ISK).					
		pP	05 02.00	169km	DEPTH = 124.9 ± 6.7 km					DST 0.37 346 ePg 38 22.40 -0.6					
GTA	35.62	278 P	04 36.50	0.3	BANDA SEA	(280)					KCT 1.04 344 iPn 38 27.60 0.9				
IMA	36.85	35 ePd	04 46.35	0.1	SLKI	1.89	122 iPc	16 53.50	2.7	ALT	1.08	100 ePn	38 35.80	0.0	
	0.6s	7.69nm		4.6mb	AAI	3.59	336 eP	17 09.20	-3.9X	EDC	1.29	329 ePn	38 39.00	-0.3	
CD2	37.21	262 iPd	04 50.00	0.4	MTN	6.00	166 iPc	17 35.60	-10.2X	YLV	1.40	20 ePn	38 41.00	-0.1	
	0.6s	38.00nm		5.3mb			eS	18 45.00		S.D. = 0.8 on 5 of 5 obs.					
GYA	37.97	254 iPd	04 56.00	-0.1	WB2	13.66	161 iPc	19 23.70	-4.1X	& DEC 25, 1992 09h 09m 00.06s					
	0.6s	10.00nm		4.7mb			eS	21 47.20		61.731 N 149.623 W					
FBA	39.28	37 eP	05 06.63	0.3	QIS	16.57	146 eP	20 03.50	-0.9	DEPTH = 36.7km					
	0.8s	4.75nm		4.3mb	TRT	16.92	267 iPc	20 10.00	1.3	SOUTHERN ALASKA (2)					
		iPp	05 41.45	159km			iS	20 38.00		<AEIC>. ML 3.6 (AEIC).					
KLU	40.45	43 eP	05 16.46	0.4	MBL	17.01	213 eP	19 54.00	-15.8X	PWA	0.15	237 P	09 06.80	0.2	
KMI	41.51	256 Pd	05 25.50	0.2		0.5s	23.00nm		eS	PLRM	0.27	120 iPd	09 07.23	-0.5	
	2.0s	90.00nm		5.0mb	ASPA	17.08	167 eP	20 08.70	-2.0			iS	09 13.77		
LSA	46.75	271 iPd	06 09.00	1.4		0.7s	70.60nm		5.1mb	PMR	0.27	120 eP	09 06.82	-0.9	
	0.8s	11.00nm		4.5mb	KKM	18.66	314 ePd	20 30.00	0.8	GHO	0.34	83 P	09 08.10	-0.5	
CHG	48.37	253 eP	06 20.50	0.9		0.7s	53.50nm		5.0mb	PMS	0.49	176 P	09 10.10	-0.5	
GUN	51.52	272 P	06 44.06	0.1	WARB	19.31	188 iPc	20 35.90	-0.1	SUA	0.60	244 iPd	09 11.39	-0.8	
	0.4s	111.00nm		5.9mb X			eS	24 00.00				eS	09 21.61		
KKN	52.02	273 P	06 47.84	0.3	NANU	20.64	220 eP	20 50.20	0.7	SML	0.62	82 iPc	09 11.31	-1.1	
	0.6s	68.00nm		5.5mb		0.4s	14.00nm		4.7mb	KNK	0.64	119 iPc	09 12.03	-0.7	
PKI	52.06	272 P	06 48.10	0.1	CTA	20.69	131 eP	20 51.00	0.9	PTE	0.92	161 iPc	09 15.59	-1.0	
	0.4s	33.00nm		5.4mb	FORT	23.72	183 eP	21 20.00	0.3	SKT	0.94	286 iPc	09 15.74	-1.2	
DMN	52.25	273 P	06 49.62	0.3	COOL	25.09	198 eP	21 32.50	-0.1			eS	09 28.77		
	0.6s	82.00nm		5.7mb X	MRWA	25.61	209 eP	21 38.50	1.1	SCM	1.10	84 iPc	09 18.40	-0.8	
GKN	52.34	273 P	06 50.00	0.2			eS	26 28.00		CGLM	1.22	251 iPc	09 20.66	-0.3	
	0.4s	79.00nm		5.8mb X	BAL	26.46	206 eP	21 48.00	2.7X	HUR	1.25	360 ePc	09 20.73	-0.6	
YKA	53.97	35 eP	07 00.30	-0.8			e	22 20.00				eS	09 36.94		
	0.7s	2.10nm		4.0mb	RMO	26.57	139 eP	21 45.00	-1.3	MPA	1.25	174 eP	09 20.15	-1.2	
NEW	60.70	50 eP	07 48.50	-0.1			e	22 20.90				S	09 37.72		
	0.8s	8.41nm		4.7mb	KLB	26.90	203 eP	21 49.00	-0.2	SLKM	1.26	194 eP	09 20.61	-0.9	
		ePp	08 24.78	153km			eS	26 59.00		NKA	1.26	219 ePd	09 22.87	1.4	
TRT	61.76	221 iPd	08 03.00	7.1X	STK	27.15	157 eP	21 50.70	-0.8	SPU	1.29	246 iPc	09 21.54	-0.4	
KAF	62.96	333 eP	08 03.30	-0.1		0.7s	8.80nm		4.5mb			eS	09 38.68		
HYB	63.43	268 ePc	08 06.80	-0.3	MUN	27.86	205 eP	21 58.00	0.1	CRP	1.30	250 ePc	09 21.40	-0.8	
	1.0s	25.00nm		5.1mb			e	22 34.00		CKN	1.33	249 ePc	09 22.33	-0.2	
WB2	66.36	194 iPc	08 24.10	-1.6X	BFD	32.26	161 eP	22 36.50	-0.2	CP2	1.34	251 iPc	09 22.15	-0.7	
	0.6s	8.50nm		4.8mb			e	23 16.00		CKT	1.35	248 ePc	09 22.24	-0.6	
		e	08 58.60		BWA	32.32	150 iPd	22 38.20	0.9	BGL	1.41	252 ePc	09 23.03	-0.7	
WRA	66.36	194 P	08 24.50	-1.2	CAN	33.32	150 iPd	22 46.10	0.1	CKL	1.41	249 ePc	09 23.18	-0.5	
	0.6s	1.90nm		4.1mb	CHG	39.69	311 iPc	23 40.40	0.6	GLI	1.49	124 iPc	09 23.96	-0.8	
BONR	66.43	59 eP	08 27.01	0.6		1.1s	36.71nm		5.1mb	SEW	1.64	177 eP	09 26.02	-0.9	
GBA	66.81	266 P	08 27.00	-1.7	WHN	40.10	339 Pd	23 44.50	1.6	KNIM	1.66	146 iPc	09 25.41	-1.9	
DUG	68.19	55 eP	08 37.68	0.4		1.0s	18.00nm		4.8mb	TOA	1.68	76 iPc	09 27.65	0.1	
	0.5s	2.29nm		4.2mb		0.8s	11.00nm		4.6mb	VLZ	1.69	109 ePc	09 26.70	-1.0	
HFS	68.25	337 eP	08 34.60	-2.5	TIY	47.29	341 eP	24 40.80	0.0			eS	09 48.60		
NAO	68.41	339 P	08 35.40	-2.7	LZH	49.24	332 Pc	24 56.50	0.5	RND	1.72	12 eP	09 27.30	-0.9	
	0.4s	1.00nm		4.0mb		1.4s	26.00nm		4.9mb	TRF	1.75	350 iPc	09 27.89	-0.9	
MSU	69.69	56 eP	08 47.35	0.8	HHC	50.43	342 eP	25 05.20	0.3	RDT	1.78	231 eP	09 28.09	-1.0	
ASPA	70.08	194 iPc	08 48.30	-0.3		1.2s	20.00nm		4.9mb	KLU	1.79	96 iPc	09 28.29	-0.9	
	0.5s	7.30nm		4.7mb	LSA	51.97	317 P	25 17.40	0.3			S	09 50.87		
PV10	71.58	54 eP	08 58.60	0.7	GUN	54.70	311 P	25 36.22	-0.9	FID	1.81	122 eP	09 28.02	-1.4	
		e	09 34.04			0.5s	42.00nm		5.6mb	DFR	1.87	234 eP	09 29.79	-0.6	
PV08	71.66	53 eP	08 58.86	0.3	PKI	54.87	311 P	25 37.12	-1.2	LTI	1.90	152 eP	09 28.78	-1.9	
KHC	77.66	331 eP	09 32.70	0.6						REF	1.95	232 ePc	09 30.57	-0.9	
	1.1s	4.60nm		4.1mb						RDN	1.95	233 eP	09 31.02	-0.5	
GEC2	77.86	331 Pd	09 32.90	-0.4								eS	09 55.42		
	0.4s	0.75nm		3.8mb						RSO	1.98	231 eP	09 31.26	-0.8	
		e	09 35.80												
GRF	77.95	333 ePd	09 34.00	0.4											
KBA	79.51	330 iPd	09 42.60	0.3											
	1.0s	10.00nm		4.5mb											

25d 09h

RS2	1.98	231	eP	09	31.59	-0.5
RS1	1.99	231	eP	09	31.17	-0.9
NCT	1.99	235	eP	09	31.40	-0.6
RDW	1.99	232	eP	09	31.64	-0.5
TZL	2.01	79	eP	09	32.34	0.1
RED	2.02	231	eP	09	31.66	-0.8
			S	09	56.65	
HIN	2.02	130	iPc	09	30.98	-1.5
MCK	2.03	9	eP	09	32.42	-0.2
BRLK	2.07	198	eP	09	32.21	-0.9
SDG	2.08	66	eP	09	32.99	-0.2
CVA	2.22	121	ePc	09	33.36	-1.9
PAX	2.30	55	ePc	09	36.46	0.0
ILIM	2.32	226	eP	09	35.94	-0.8
CNPM	2.35	200	eP	09	37.31	0.2
INE	2.37	227	eP	09	36.38	-1.2
INW	2.39	227	eP	09	37.09	-0.7
THY	2.46	45	eP	09	38.68	-0.1
SGAM	2.47	118	eP	09	36.93	-1.9
OPT	2.74	222	eP	09	42.89	0.3
RAGM	2.76	117	eP	09	41.07	-1.8
GLB	2.79	93	eP	09	42.01	-1.4
NEA	2.87	5	eP	09	42.48	-2.0
HDA	2.95	23	eP	09	44.54	-1.1
SVW	2.95	260	eP	09	43.95	-1.7
HMT	2.96	116	eP	09	43.21	-2.6
PDB	2.97	231	eP	09	44.40	-1.5
AUH	3.03	220	eP	09	45.18	-1.7
CCB	3.04	15	eP	09	45.02	-1.9
KAIM	3.13	123	eP	09	47.36	-0.8
DOT	3.21	51	eP	09	48.51	-0.7
TTA	3.21	295	ePc	09	47.05	-2.4
CRQM	3.28	104	eP	09	49.37	-1.1
FBA	3.29	14	eP	09	48.26	-2.1
			eS	10	26.11	
MDM	3.30	10	eP	09	48.89	-1.7
MLY	3.35	352	ePc	09	49.53	-1.8
GLM	3.42	16	eP	09	50.72	-1.6
SYI	3.42	205	eP	09	51.01	-1.2
CDD	3.45	217	eP	09	51.56	-1.1
BALM	3.57	98	eP	09	52.42	-2.1
SNH	3.66	112	eP	09	56.04	0.4
CTGM	4.07	97	eP	10	00.51	-1.1
YAH	4.07	106	eP	09	59.97	-1.8
KDC	4.25	201	(P)	10	05.07	1.0
IMA	4.71	339	eP	10	07.96	-2.7
			eS	10	58.42	
YKA	16.28	72	eP	12	46.00	-1.2
	0.5s	0.20nm			2.5mb X	
	83 obs.	associated				
DEC 25, 1992 09h 16m 59.76±0.69s						
39.247 N ± 6.0km 28.707 E ± 6.5km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.2 (ISK).						
DST	0.36	350	iPg	17	06.90	-0.3
			eSg	17	11.50	
KCT	1.04	345	iPg	17	20.00	0.7
ALT	1.11	100	ePg	17	20.90	0.3
KHL	1.12	145	iPg	17	20.10	-0.7
EDC	1.28	330	ePn	17	23.00	-0.4
IZM	1.41	234	ePn	17	26.00	0.5
YLV	1.41	21	iPn	17	25.30	-0.3
GPA	1.61	49	ePn	17	28.20	-0.2
GBZT	1.64	20	ePn	17	30.20	1.5
			iSg	17	52.50	
EYL	1.73	40	ePn	17	32.00	1.9
HRT	1.74	25	ePn	17	27.90	-2.3
CTT	1.91	354	ePn	17	31.90	-0.7
EZN	1.93	288	ePn	17	33.10	0.2
S.D. = 1.2 on 13 of 13 obs.						
DEC 25, 1992 09h 54m 18.75±0.55s						
47.765 N ± 4.3km 7.444 E ± 4.4km						
DEPTH = 10.0km (geophysicist)						
SWITZERLAND (544)						
ML 2.4 (LDG).						
MOF	0.23	293	Pg	54	24.22	0.5
			Sg	54	27.71	
BBS	0.30	172	Pg	54	25.12	0.0
FEL	0.40	74	ePg	54	27.40	0.4
BSF	0.44	279	Pg	54	27.87	0.0
ECH	0.49	337	Pg	54	28.77	0.1
			Sg	54	35.53	

LOMF	0.59	225	Pg	54	30.18	-0.5
WLS	0.65	355	Pg	54	31.52	-0.3
CDF	0.66	350	Pg	54	31.21	-0.7
			Sg	54	39.72	
HAU	0.78	288	Pn	54	34.00	0.1
			Pg	54	34.40	
			Sg	54	44.90	
VITF	1.08	295	Pg	54	39.43	0.4
LOR	2.48	260	Pg	55	04.60	4.8X
			Sg	55	36.00	
S.D. = 0.5 on 10 of 11 obs.						
? DEC 25, 1992 09h 57m 17.03±8.13s						
32.937 S ±25.1km 72.434 W ±61.9km						
DEPTH = 33.0km (normal)						
OFF COAST OF CENTRAL CHILE (134)						
MD 3.6 (SAN).						
IHA	0.67	98	eP	57	30.20	0.2
			iS	57	35.60	
LCCH	0.90	127	iPd	57	33.11	-0.2
			iS	57	41.03	
ROCH	1.20	92	iPd	57	37.45	-0.3
			iS	57	49.42	
LVN	1.33	140	iPd	57	39.85	0.5
TACH	1.44	120	iPd	57	41.12	0.0
			iS	57	55.12	
PEL	1.48	98	iPd	57	42.17	0.5
			iS	57	57.06	
JACH	1.57	81	iP	57	43.34	0.3
SAN	1.57	110	iPd	57	43.22	0.2
			iS	57	58.76	
PCH	1.75	113	iP	57	46.11	0.5
			iS	58	03.77	
CHCH	1.79	124	iP	57	46.47	0.3
			iS	58	04.47	
FCH	1.84	103	iP+	57	47.55	0.4
			iS	58	06.33	
CACH	1.93	128	iP	57	48.49	0.2
			iS	58	09.71	
S.D. = 0.3 on 12 of 12 obs.						
? DEC 25, 1992 10h 39m 30.65±6.93s						
39.201 N ±50.4km 28.715 E ±49.1km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 2.6 (ISK).						
DST	0.41	351	iPg	39	38.00	-1.0
			eSg	39	42.50	
KCT	1.08	345	iPn	39	51.50	0.5
ALT	1.10	97	ePn	39	51.00	-0.3
YLV	1.46	20	ePn	39	57.90	0.9
S.D. = 1.5 on 4 of 4 obs.						
* DEC 25, 1992 10h 49m 53.06±1.39s						
37.017 N ±12.9km 71.342 E ±20.2km						
DEPTH = 33.0km (normal)						
3.8mb (3 obs.)						
AFGHANISTAN-TAJIKISTAN BORD REG. (717)						
QUE	7.73	210	eP	51	46.50	0.2
			eS	53	09.10	
MAIO	9.55	269	iPd	52	11.00	-0.4
	0.8s		7.32nm		5.0mb X	
			eS	53	49.00	
HFS	42.83	322	eP	57	49.40	0.2
	0.4s		1.30nm		4.0mb	
NAO	44.30	322	Pg	58	01.80	0.6
	0.7s		0.90nm		3.7mb	
YKA	80.72	3	eP	02	03.30	-0.6
	0.6s		0.70nm		3.8mb	
S.D. = 0.7 on 5 of 5 obs.						
& DEC 25, 1992 10h 50m 30.57s						
59.486 N 151.300 W						
DEPTH = 6.8km						
KENAI PENINSULA, ALASKA (14)						
<AEIC>. ML 3.7 (AEIC). Felt						
(III) at Port Graham and						
Seldovia. Also felt at Homer.						
XLV	0.22	262	iPd	50	34.67	-0.4
			eS	50	37.49	
BRLK	0.35	37	iPd	50	37.89	0.2
			eS	50	43.01	
			eS	50	43.29	

ILIM	1.03	306	iPd	50	49.21	-1.1
			eS	51	02.40	
SYI	1.04	213	ePc	50	48.92	-1.6
			eS	51	03.56	
INE	1.06	304	ePd	50	49.58	-1.4
			eS	51	03.60	
AUE	1.07	264	iPc	50	49.85	-1.1
			eS	51	04.87	
AUP	1.09	264	iPc	50	50.44	-1.0
INW	1.10	303	ePd	50	50.15	-1.4
AUL	1.10	265	iPc	50	50.39	-1.1
AUI	1.10	263	iPc	50	50.33	-1.2
			eS	51	04.87	
			eS	51	04.95	
AUH	1.10	265	iPc	50	50.58	-1.0
AUW	1.12	265	eP	50	50.58	-1.2
SEW	1.12	56	ePc	50	51.07	-0.8
			eS	51	07.70	
SLKM	1.16	27	ePc	50	50.89	-1.7
			eS	51	07.09	
RED	1.19	322	iPd	50	51.73	-1.5
			eS	51	07.32	
RS1	1.22	324	iPd	50	52.41	-1.3
RSO	1.22	324	iPd	50	52.38	-1.4
			eS	51	09.69	
RS2	1.22	324	iPd	50	52.41	-1.4
REF	1.23	326	iPd	50	52.42	-1.4
			eS	51	08.37	
			eS	51	08.68	
RDW	1.26	323	iPd	50	52.78	-1.5
NKA	1.26	1	ePc	50	54.73	0.5
RDN	1.27	325	ePd	50	52.91	-1.6
DFR	1.31	329	ePd	50	53.48	-1.7
CDD	1.33	246	iPc	50	53.60	-1.8
			eS	51	12.35	
NCT	1.35	324	iPd	50	54.18	-1.8
			eS	51	11.67	
MPA	1.40	43	ePc	50	55.63	-0.9
			eS	51	14.04	
PDB	1.50	283	iPc	50	56.48	-1.4

HDA 5.35 21 eP 51 51.93 -0.8
CCB 5.43 16 eP 51 53.26 -0.7
FBA 5.68 15 eP 51 56.12 -1.2
SDN 6.47 234 (P) 52 07.60 -1.0
IMA 6.70 352 eP 52 11.38 -0.5
YKA 17.89 65 eP 54 39.60 -1.5
0.8s 0.70nm 2.8mb X
74 obs. associated

% DEC 25, 1992 12h 40m 42.03±1.48s
42.809 N ±10.6km 13.425 E ±19.5km
DEPTH = 5.0km (geophysicist)
CENTRAL ITALY (381)

AQU 0.46 182 Pc 40 50.70 -0.5
eSg 40 57.80
ASS 0.62 295 Pd 40 53.90 -0.5
eSg 41 04.60
ARV 0.77 333 P 40 56.90 -0.7
eSg 41 09.70
SDI 1.14 165 P 41 04.30 0.4
CRE 1.35 308 P 41 08.70 1.1
S.D. = 1.1 on 5 of 5 obs.

% DEC 25, 1992 12h 56m 30.71s
59.741 N 153.272 W
DEPTH = 132.8km
SOUTHERN ALASKA (2)
<AEIC>.

INW 0.34 12 eP 56 48.70 0.6
eS 57 03.36
AUL 0.37 193 eP 56 48.88 0.8
ILIM 0.37 25 eP 56 48.91 0.7
AUE 0.39 188 eP 56 48.78 -0.9
AUP 0.39 191 eP 56 48.89 -1.0
AUH 0.39 193 eP 56 49.00 -0.9
AUI 0.41 191 eP 56 49.11 -0.8
eS 57 03.23
eS 57 03.24
PDB 0.47 276 eP 56 48.83 -1.3
RED 0.72 20 eP 56 50.53 -1.4
RS1 0.77 19 eP 56 51.88 -0.5
eS 57 07.78
RS2 0.77 19 eP 56 51.67 -0.8
eS 57 07.84
RSO 0.77 20 eP 56 51.89 -0.5
eS 57 07.80
MCNL 0.78 225 eP 56 50.82 -1.4
RDW 0.78 17 eP 56 51.30 -1.2
eS 57 07.53
REF 0.80 21 eP 56 51.97 -0.7
eS 57 07.96
eS 57 08.06
CDD 0.84 193 eP 56 51.40 -1.3
eS 57 07.76
NCI 0.84 12 eP 56 52.15 -0.7
eS 57 08.38
DFR 0.90 19 P 56 52.29 -1.1
S 57 09.42
RDT 0.94 27 eP 56 52.29 -1.4
CNPM 1.06 101 eP 56 53.72 -1.0
BRK 1.21 88 eP 56 55.13 -1.1
eS 57 13.71
SYI 1.22 158 eP 56 56.02 -0.3
NKA 1.43 44 eP 56 59.69 1.2
CKL 1.53 17 iP 56 59.10 -0.7
CKT 1.56 19 eP 56 59.09 -1.0
SPU 1.57 22 eP 56 59.17 -1.0
CKN 1.58 19 eP 56 59.68 -0.7
BGL 1.59 16 eP 56 59.89 -0.6
CP2 1.61 18 iP 57 00.29 -0.6
CGLM 1.69 21 iP 57 00.86 -0.8
SLKM 1.71 62 eP 57 00.76 -1.0
SEW 1.96 78 eP 57 03.26 -1.5
MPA 2.10 67 eP 57 05.52 -0.9
SUA 2.13 35 eP 57 06.23 -0.8
eS 57 34.14
PMS 2.38 49 eP 57 08.86 -1.2
PTE 2.40 60 eP 57 09.14 -1.0
SKT 2.40 20 eP 57 09.31 -1.0
LTI 2.75 81 eP 57 13.50 -1.2
KNIM 2.84 75 eP 57 14.06 -1.9
KNK 2.91 53 eP 57 14.70 -2.2
SML 3.19 47 eP 57 18.22 -2.3
HIN 3.46 76 eP 57 21.81 -2.3
VLZ 3.71 65 eP 57 26.44 -1.0

TRF 3.99 20 eP 57 29.24 -2.1
KLU 4.03 61 eP 57 29.76 -2.0
GLB 4.97 66 eP 57 42.97 -1.4

46 obs. associated

% DEC 25, 1992 13h 37m 40.54±1.28s
39.267 N ±9.2km 0.475 W ±12.9km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.7 (MDD). Felt (III) in
the Algemesi area.

ECHE 0.50 310 ePg 37 50.70 0.0
eSg 37 59.00
EALH 1.59 208 ePn 38 09.00 0.2
eSn 38 29.00
EROQ 1.70 23 ePn 38 10.30 0.0
eSn 38 31.00
EVIA 1.70 249 ePn 38 11.50 1.0
eSn 38 33.50
EBR 1.72 25 eP 38 31.00 20.4X
ELUO 3.43 241 ePn 38 34.00 -1.2
S.D. = 1.1 on 5 of 6 obs.

% DEC 25, 1992 13h 56m 17.95±1.01s
5.023 S ±12.1km 144.077 E ±13.5km
DEPTH = 78.9 ± 11.7 km
3.9mb (1 obs.)
NEW GUINEA, PAPUA NEW GUINEA (202)

WWKK 1.46 342 eP 56 43.50 0.3
MDG 1.71 98 iPc 56 45.20 -1.2
YYYY 2.24 123 eP 56 55.00 1.2
FINC 4.08 113 eP 57 19.50 0.2
PMG 5.32 145 eP 57 36.00 -0.6
eS 58 38.00
WB2 17.59 212 eP 00 19.60 0.1
i 00 24.70
eS 03 26.50
ASPA 20.97 207 eP 01 00.70 3.9X
0.7s 4.90nm 3.9mb
SIV 147.51 130 ePKP 15 55.00 2.2
KIC 148.95 274 PKP 15 54.60 -0.6
TIC 149.22 275 PKP 15 55.20 -0.4
LIC 149.23 274 PKP 15 54.40 -1.2
S.D. = 1.3 on 10 of 11 obs.

? DEC 25, 1992 13h 57m 53.40±1.70s
12.009 N ±39.8km 88.261 W ±67.2km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
OFF COAST OF CENTRAL AMERICA (76)

UYO 22.77 347 iPc 02 53.90 -0.2
MEO 24.54 339 iPc 03 11.10 -0.2
TUL 24.75 345 eP 03 14.80 1.4
0.8s 13.90nm 4.6mb
RLO 24.81 347 eP 03 14.00 0.0
ACO 26.46 340 iPc 03 29.30 -0.1
ULM 38.64 352 eP 05 15.00 -0.4
SIV 38.70 135 P 05 16.40 0.1
LCCM 39.24 334 eP 05 20.90 0.3
YKA 53.83 345 eP 07 14.10 -0.9
0.7s 0.50nm 3.6mb
GBA 150.87 30 PKP 17 43.30 4.1X
S.D. = 0.7 on 9 of 10 obs.

% DEC 25, 1992 14h 00m 41.90±0.51s
46.605 N ±6.2km 5.486 E ±4.4km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG).

LBF 1.10 291 Pn 01 03.40 0.7
Pg 01 04.40
Sg 01 20.10
SMF 1.13 273 Pn 01 03.70 0.5
Pg 01 05.10
Sg 01 21.80
LOR 1.30 301 Pn 01 05.90 0.0
Pg 01 07.50
Sg 01 24.70
LPL 1.39 141 Pg 01 07.70 0.1
LPG 1.42 141 Pg 01 08.10 0.1
Sg 01 25.00
SSF 1.43 289 Pn 01 07.80 -0.1
Pg 01 10.00

Sg 01 29.80
BSF 1.52 35 Pg 01 08.00 -1.2
Sg 01 27.10
HAU 1.52 22 Pg 01 08.70 -0.4
Sg 01 27.60
BGF 1.82 269 Pn 01 13.40 -0.1
Pg 01 18.60
Sg 01 41.50
CDF 2.18 33 Pg 01 20.20 1.4
Sg 01 46.80
TCF 2.29 263 Pn 01 20.00 -0.3
Sn 01 47.30
Sg 01 56.10
LSF 2.76 264 Pn 01 26.20 -0.8
Sg 02 10.90
S.D. = 0.8 on 12 of 12 obs.

* DEC 25, 1992 14h 10m 43.52±3.44s
41.693 N ±25.8km 22.320 E ±8.8km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.0 (SKO).

VAY 0.42 153 iPg 10 52.20 0.2
iSg 10 57.60
KNT 0.69 141 ePg 10 56.86 -0.3
eSg 11 05.82
GRG 0.74 175 ePg 10 57.82 -0.2
SRS 1.12 121 ePg 11 04.42 -0.1
FNA 1.15 218 ePg 11 05.22 0.1
SOH 1.17 138 ePg 11 05.66 0.3
eSg 11 21.82
S.D. = 0.3 on 6 of 6 obs.

DEC 25, 1992 15h 31m 49.31±0.37s
5.569 S ±8.0km 103.164 E ±9.9km
DEPTH = 34.4km (9 depth phases)
5.1mb (26 obs.) 4.7Msz (6 obs.)
SOUTHERN SUMATERA, INDONESIA (274)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 8C
Centroid Location:
Origin Time 15:31:54.2 1.2
Lat 5.79S FIX; Lon 102.99E FIX
Dep 33.0 FIX Half-duration 1.0
Moment Tensor: Scale 10**16 Nm
Mrr= 6.04 3.11 Mtt=3.58 1.31
Mff=-2.46 2.57 Mrt= 7.61 1.58
Mrf=-3.31 1.29 Mtf=-2.11 3.20
Principal Axes:
T Vol= 11.34 Plg=57 Azm= 30
N -3.56 15 275
P -7.78 28 176
Best Double Couple: Mo=9.6*10**16
NP1: Strike=232 Dip=22 Slip= 45
NP2: 99 75 106

PPI 5.78 331 e(P) 33 04.50 -10.5X
eS 33 44.00
KGM 7.54 1 eP 33 44.00 4.3X
e 35 13.10
IPM 10.30 348 ePc 34 22.00 4.0X
NANU 20.69 146 eP 36 27.80 -1.4
KHT 20.72 347 eP 36 28.50 -1.1
NST 21.32 352 eP 36 41.00 5.4X
MBL 22.39 135 iPd 36 31.20 -15.1X
LOE 22.87 356 eP 36 51.40 0.4
BDT 23.04 350 eP 36 52.00 -0.6
CHG 24.58 350 iPc 37 07.50 -0.2
0.9s 26.26nm 4.8mb
DAV 25.66 61 eP 37 22.00 4.2X
KMI 30.51 359 Pd 38 13.00 11.1X
1.5s 70.00nm
Z 16s 3.60um 5.1MszX
N 14s 1.70um
HYB 33.36 314 eP 38 26.00 -0.7
WRA 33.51 118 P 38 27.60 -0.4
WB2 33.52 118 iPc 38 27.30 -0.8
0.5s 22.30nm 5.3mb
ASPA 34.62 124 eP 38 37.00 -0.7
0.7s 28.00nm 5.3mb
Z 22s 0.70um 4.4Msz
eS 44 27.20
CD2 36.28 1 eP 38 53.00 1.5
Z 20s 1.69um 4.8Msz
LSA 36.92 342 Pc 38 57.80 0.4

25d 15h

	1.0s	12.00nm	4.7mb	Z	16s	0.80um	5.1mszX	REMR	5.77	54 P	52 20.79	-0.1		
PKI	37.14	333 P	38 58.66	-0.6		i	43 59.00	32km	GLK	5.79	57 P	52 21.31	0.3	
GUN	37.23	334 P	38 59.80	-0.2		e	54 10.00		WPW	5.89	56 P	52 22.70	0.3	
	0.4s	59.00nm	5.8mb		VRI	84.60	317 eP	44 22.00	1.4	BLN	5.91	40 P	52 23.07	0.4
DMN	37.31	333 P	39 00.08	-0.5	MLR	85.05	316 ePc	44 24.00	1.0	FMW	5.93	54 P	52 22.77	-0.3
KKN	37.39	333 P	39 00.70	-0.5	BCAO	85.10	275 iPd	44 33.00	9.2X	VGB	5.93	69 P	52 22.78	-0.2
GKN	37.86	333 P	39 04.82	-0.2		1.0s	10.00nm	5.0mb	GSM	6.01	51 P	52 24.13	0.1	
XAN	39.77	7 Pc	39 20.50	-0.3	UZH	88.13	319 eP	44 38.50	0.7	GL2	6.04	65 P	52 24.33	-0.2
	Z	16s	0.90um	4.7mszX	KAF	88.78	333 iP	44 42.00	1.3	RMW	6.15	49 P	52 26.04	0.0
	N	12s	0.57um			0.5s	2.40nm	4.8mb	JCW	6.55	43 P	52 31.34	-0.3	
	E	12s	0.62um		NUR	89.18	331 iP	44 42.30	-0.3	JBO	6.56	71 P	52 31.04	-0.8
LZH	41.44	1 eP	39 35.50	0.9		0.8s	10.40nm	5.2mb	CMW	6.61	41 P	52 32.99	0.4	
	1.5s	35.00nm	4.9mb		SPC	89.56	319 eP	44 45.60	0.7	TBM	6.68	55 P	52 33.75	0.1
	Z	18s	0.75um	4.6msz	OJC	90.00	320 eP	44 38.80	-7.9X	RPW	6.92	43 P	52 36.78	-0.1
	E	15s	0.60um		SRO	90.63	318 eP	44 50.40	0.8	MBW	6.97	40 P	52 38.06	0.4
		pP	39 43.50	27km	ZST	91.48	318 e(P)	44 54.00	0.5	ETW	7.06	53 P	52 38.15	-0.8
		sP	39 48.00		KSP	92.30	321 eP	44 58.00	0.8	WAH2	7.14	61 P	52 40.10	0.1
NDI	42.24	325 iP	39 40.50	-0.5	GEC2	93.80	319 P	45 04.60	0.3	CRF	7.28	61 P	52 41.87	0.0
	0.8s	33.58nm	5.1mb			1.3s	4.90nm	4.8mb	EPH	7.37	56 P	52 43.18	0.0	
PMG	43.76	98 eP	39 54.00	0.3	YKA	116.79	19 ePKP	50 29.70	-1.8	S.D. = 0.4 on 60 of 60 obs.				
	1.1s	98.73nm	5.5mb			0.7s	0.80nm		& DEC 25, 1992 16h 38m 43.07s					
TIY	43.92	11 eP	39 56.00	1.3	HVU	131.82	36 ePKP	51 02.75	1.6	59.893 N				
	Z	18s	2.18um	5.1msz	GSC	132.80	46 ePKP	51 03.86	0.7	152.443 W				
	N	20s	3.11um		MSU	134.17	39 ePKP	51 06.87	1.0	DEPTH = 76.3km				
CTA	44.27	113 P	39 59.70	2.0	RSSD	134.79	28 ePKP	51 06.45	-0.4	4.0mb (1 obs.)				
STK	44.44	131 eP	39 58.80	-0.1	PV10	136.18	37 ePKP	51 11.07	1.4	SOUTHERN ALASKA				
	0.7s	8.40nm	4.7mb		PV08	136.29	37 ePKP	51 11.25	1.2	<AEIC>.				
		e	40 11.70	48kmX	BAO	144.51	233 e(PKP)	51 20.00	-5.0X	(2)				
GTA	44.86	356 eP	40 04.00	1.6		e	51 21.20		ILIM	0.32	306 iPc	38 54.54	-0.8	
	1.0s	5.00nm	4.3mb			e	51 35.20			eS	39 03.92			
	Z	16s	1.72um	5.1mszX		e	51 41.20		INE	0.35	299 ePc	38 54.77	-0.9	
	N	16s	0.67um		TUL	145.13	27 ePKP	51 25.30	-0.1	INW	0.39	297 ePc	38 55.24	-0.6
BTO	46.37	7 eP	40 14.70	0.5		1.0s	18.00nm		RED	0.55	343 iPd	38 56.55	-0.7	
HHC	46.83	9 Pd	40 19.40	1.5	RLO	145.27	26 ePKP	51 23.80	-1.8		eS	39 07.16		
	1.2s	34.00nm	5.2mb		FVM	145.44	19 ePKP	51 24.77	-1.1	XLV	0.57	140 eP	38 56.61	-0.7
	Z	18s	1.21um	4.9msz	ELC	146.46	18 ePKP	51 28.36	0.8	RS1	0.59	345 iPd	38 57.16	-0.6
	N	15s	0.73um		UYO	147.19	28 iPKPc	51 30.40	1.6	RSO	0.59	345 iPd	38 57.12	-0.6
CMS	47.52	128 eP	40 22.30	-1.1	CVL	147.70	2 ePKP	51 31.21	1.7		eS	39 08.15		
RMQ	48.16	121 eP	40 18.00	-10.6X	S.D. = 1.1 on 67 of 78 obs.					RS2	0.59	345 iPd	38 57.17	-0.6
		e	40 29.70	42km	* DEC 25, 1992 15h 50m 52.93± 4.65s					REF	0.61	348 iPd	38 57.33	-0.6
QUE	49.68	318 eP	40 40.20	-0.1	43.624 N ±18.5km 128.649 W ±32.7km					RDW	0.62	343 iPd	38 57.39	-0.6
WMO	51.11	346 P	40 51.50	0.6	DEPTH = 10.0km (geophysicist)					RDN	0.64	346 iPd	38 57.62	-0.6
	1.0s	63.00nm	5.5mb		OFF COAST OF OREGON (30)						eS	39 08.85		
	Z	20s	0.48um	4.5msz	HSO	4.04	89 P	51 55.90	-0.3	RDT	0.68	2 eP	38 57.70	-0.9
		pP	41 01.50	33km	TKO	4.11	63 P	51 56.50	-0.7	DFR	0.71	350 iPd	38 58.19	-0.7
		sP	41 03.70		KMOR	4.20	60 P	51 57.66	-0.8	AUE	0.71	222 ePd	38 58.12	-0.7
		PcP	42 07.00		FBO	4.44	79 P	52 02.27	0.4	CNPM	0.71	121 iPc	38 58.12	-0.7
		PP	42 51.00		NLO	4.44	55 P	52 01.57	-0.4		eS	39 10.68		
		ePcS	46 00.00		HBO	4.59	85 P	52 04.18	0.0	NCT	0.71	340 iPd	38 58.23	-0.7
		S	48 10.00		SSOR	4.61	72 P	52 04.34	-0.1		eS	39 10.30		
		sS	48 28.50		BMW	4.78	52 P	52 06.01	-0.8	AUL	0.72	225 iPd	38 58.30	-0.6
		ScS	50 39.00		PGO	4.80	65 P	52 07.52	0.6	AUP	0.73	223 iPd	38 58.46	-0.6
CN2	53.10	20 Pd	41 05.40	-0.3	GT2	4.82	69 P	52 07.38	0.0	AUH	0.73	224 iPd	38 58.53	-0.6
	1.4s	64.00nm	5.4mb		RVW	4.90	57 P	52 08.23	-0.1	AUI	0.75	222 iPd	38 58.44	-0.8
	Z	15s	0.65um	4.8mszX	LVP	5.07	59 P	52 10.84	0.0		eS	39 10.32		
MDJ	55.31	23 eP	41 21.50	-0.4	VLMW	5.09	66 P	52 11.59	0.4	BRLK	0.80	99 eP	38 58.92	-0.9
ZAK	55.73	0 iPc	41 25.00	0.3	BPO	5.11	76 P	52 11.69	0.1		iS	39 11.57		
	1.1s	20.00nm	5.1mb		CPW	5.13	47 P	52 11.45	-0.2	PDB	0.89	264 iPc	38 59.78	-1.0
		e	41 35.80	36km	FL2	5.16	58 P	52 12.36	0.2		iS	39 13.11		
IRK	57.62	1 eP	41 37.00	-1.3	MTMW	5.17	60 P	52 12.47	0.2	NKA	1.04	35 iPd	39 03.75	1.1
	1.8s	30.00nm	5.0mb		CZM	5.18	55 P	52 11.80	-0.6	CDD	1.14	213 iPd	39 02.92	-1.1
	Z	13s	0.42um	4.7mszX	TDH	5.18	69 P	52 12.49	-0.1		eS	39 19.20		
	N	16s	0.42um		ERK	5.22	57 P	52 12.46	-0.5	MCNL	1.20	234 iPd	39 03.34	-1.3
		e	41 48.20	38km	SHW	5.23	58 P	52 13.42	0.3		eS	39 18.86		
CIT	58.03	8 eP	41 42.00	0.8	HSR	5.25	59 P	52 14.24	0.7	SLKM	1.27	60 ePc	39 04.48	-1.2
MAIO	58.35	319 eP	41 42.00	-1.7	STD	5.26	58 P	52 13.95	0.4	SYI	1.29	179 iPd	39 04.99	-0.8
SEM	59.17	343 iPc	41 49.20	0.1	YEL	5.27	58 P	52 14.17	0.4	SPU	1.31	8 iPd	39 05.59	-0.6
	1.8s	52.00nm	5.4mb		ESD	5.28	59 P	52 14.71	0.7		eS	39 23.30		
		e	42 00.00	36km	SOSW	5.31	58 Pd	52 14.60	0.3	CKL	1.31	2 iPd	39 05.67	-0.6
ELT	60.31	348 iPc	41 55.00	-1.9	VLL	5.31	67 P	52 14.76	0.5	CKT	1.32	5 iPd	39 05.74	-0.6
	1.7s	31.00nm	5.2mb		CDFW	5.31	60 P	52 14.66	0.4	CKN	1.34	5 iPd	39 06.21	-0.4
		eS	50 07.00		TDL	5.32	57 P	52 14.36	0.0	BGL	1.38	1 iPd	39 06.32	-0.8
BOD	63.84	7 eP	42 18.80	-1.6	VFP	5.41	69 P	52 15.80	0.0	CP2	1.38	4 iPd	39 06.61	-0.7
	1.0s	19.00nm	5.1mb		LMW	5.43	54 P	52 15.79	-0.2	CRP	1.39	6 iPd	39 06.17	-1.1
BRVK	64.68	339 iPc	42 23.80	-2.2	GULW	5.52	63 P	52 17.56	0.3		eS	39 25.59		
	1.0s	17.00nm	5.1mb		ASR	5.61	61 P	52 18.81	0.2	CGLM	1.44	8 iPd	39 07.43	-0.5
YAK	70.43	13 eP	43 00.00	-1.9	HDW	5.62	42 P	52 18.69	0.1	SEW	1.52	81 eP	39 07.67	-1.2
	1.1s	50.00nm	5.5mb		CROR	5.66	73 P	52 18.96	-0.3		eS	39 27.20		
	Z	16s	0.40um	4.8mszX	GMW	5.68	44 P	52 19.58	0.1	MPA	1.65	67 ePc	39 09.16	-1.5
SVE	71.16	337 ePd	43 06.50	0.1	LON	5.76	55 P	52 18.97	-1.5	SUA	1.78	27 iPd	39 12.19	-0.4
MGD	75.37	22 ePc	43 30.70	-0.3	RVC	5.76	53 P	52 20.59	0.0	PTE	1.96	59 iPc	39 13.52	-1.3
	1.2s	50.00nm	5.4mb							PMS	1.97	45 ePd	39 14.28	-0.7
		e	43 41.00	33km						SVW	1.99	309 iPc	39 13.64	-1.7
NRI	75.52	355 iPd	43 30.00	-1.6							eS	39 33.93		
		e	43 40.00	32km						SKT	2.14	12 iPd	39 16.41	-1.0
TIK	78.88	8 iPc	43 49.00	-1.2							eS	39 44.12		
	1.4s	22.00nm	5.0mb							KDC	2.15	181 eP	39 14.46	-3.0

PWA	2.17	34	eS	39	45.18	
LT1	2.31	84	eP	39	17.04	-0.6
PLRM	2.36	42	eP	39	17.57	-2.1
PMR	2.36	42	eP	39	18.75	-1.5
KNIM	2.36	42	eP	39	18.42	-1.9
KNK	2.40	77	eP	39	18.15	-2.8
GHO	2.49	50	eP	39	20.34	-1.8
SML	2.55	41	P	39	21.50	-1.7
GLI	2.78	45	eP	39	24.49	-1.8
HIN	2.83	67	eP	39	23.87	-3.1
SCM	3.01	78	eP	39	26.68	-2.8
VLZ	3.17	50	eP	39	29.90	-1.8
HUR	3.27	65	eP	39	30.21	-2.7
CVA	3.38	22	eP	39	34.45	-0.1
TTA	3.40	76	eP	39	31.19	-3.6
KLU	3.50	332	eP	39	34.38	-1.9
SGAM	3.59	61	iP	39	34.96	-2.5
TRF	3.66	77	eP	39	34.72	-3.8
TOA	3.72	15	eP	39	38.26	-1.1
RAGM	3.77	51	eP	39	38.10	-2.0
KAIM	3.92	79	eP	39	39.69	-2.4
HMT	4.04	86	eP	39	41.72	-2.1
MCK	4.12	80	eP	39	42.77	-2.2
SDG	4.20	22	eP	39	45.28	-0.7
GLB	4.26	49	eP	39	44.57	-2.3
	4.52	66	eP	39	47.27	-3.3
			eS	40	36.22	
PAX	4.55	44	eP	39	48.81	-2.3
CROM	4.71	75	eP	39	51.16	-2.1
SNH	4.83	82	eP	39	52.87	-2.0
NEA	4.96	17	eP	39	54.50	-2.1
BALM	5.13	73	eP	39	56.07	-3.0
HDA	5.21	27	eP	39	57.75	-2.4
MLY	5.22	8	eP	39	58.70	-1.6
CCB	5.24	22	eP	39	57.98	-2.5
YAH	5.37	80	eP	40	00.60	-2.0
MDM	5.45	19	eP	40	01.41	-2.1
FBA	5.47	21	eP	40	00.85	-2.9
DOT	5.48	43	eP	40	02.81	-1.1
CTGM	5.61	74	eP	40	03.78	-2.1
GLM	5.62	22	eP	40	03.34	-2.6
PCA	6.12	83	eP	40	10.30	-2.6
IMA	6.23	355	eP	40	11.68	-2.7
BCPM	6.44	84	eP	40	15.52	-1.7
PNL	6.59	86	iP	40	16.19	-3.1
HQN	6.89	88	eP	40	19.73	-3.6
FYU	7.44	23	eP	40	28.03	-3.0
YKA	18.24	65	eP	42	49.40	-2.7
	0.3s		3.00nm		4.0mb	
SRU	33.44	109	eP	45	16.07	-0.5
	90 obs.		associated			
? DEC 25, 1992 16h 44m 00.33± 3.30s						
38.649 N ±16.2km 30.537 E ±25.8km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.0 (ISK).						
ALT	0.53	321	iP	44	11.80	0.8
			eSg	44	16.30	
KHL	0.86	248	iP	44	17.30	0.4
			eSg	44	27.30	
GPA	1.65	354	eP	44	30.00	0.6
YLV	2.12	335	eP	44	36.00	-0.3
KCT	2.32	314	eP	44	37.80	-1.4
	S.D. = 1.3	on	5 of	5 obs.		
* DEC 25, 1992 17h 55m 41.59± 1.88s						
8.731 S ± 9.4km 121.908 E ±20.5km						
DEPTH = 79.7 ± 20.4 km						
4.6mb (3 obs.)						
FLORES REGION, INDONESIA (286)						
Felt in the Moutere area.						
MKS	4.25	325	iP	56	45.00	-0.3
MTN	9.94	115	iP	57	58.10	-5.7X
			eS	59	45.00	
WB2	16.41	134	eP	59	21.70	-6.7X
			iS	02	15.00	
WARB	17.93	166	eP	59	47.00	-0.2
MEEK	18.08	190	eP	59	51.00	1.9
			eS	02	55.00	
ASPA	18.77	144	iP	59	55.90	-1.4
	Z 18s		0.30um			
			eS	03	11.20	
MRWA	21.12	194	eP	00	21.00	-0.8
			eS	04	01.00	

STK	29.41	144	eP	01	40.40	0.7
	0.6s		3.10nm		4.2mb	
NJ2	40.66	356	eP	03	16.00	0.5
CD2	43.09	337	eP	03	36.60	1.1
XAN	44.28	344	P	03	44.70	-0.5
	0.8s		8.80nm		4.6mb	
TIY	47.04	350	eP	04	06.70	-0.3
LZH	47.71	340	iP	04	13.50	1.0
	1.2s		18.00nm		4.9mb	
GBA	49.41	296	P	04	24.00	-1.6
CNCB	152.80	159	ePKP	15	29.00	4.0X
LPB	153.02	158	ePKP	15	34.00	8.9X
ZOBO	153.23	158	ePKP	15	38.00	12.3X
	S.D. = 1.2	on	12 of	17 obs.		
* DEC 25, 1992 18h 07m 00.79± 0.77s						
30.062 N ±17.7km 69.322 E ±12.4km						
DEPTH = 33.0km (normal)						
4.2mb (7 obs.)						
PAKISTAN (710)						
QUE	2.06	274	iP	07	34.50	0.6
	0.6s		76.67nm			
			eS	08	04.40	
MAIO	10.32	310	eP	09	30.00	0.3
GEC2	45.77	310	P	15	22.20	1.3
	0.7s		0.62nm		3.6mb	
			e	15	24.80	
HFS	47.43	326	eP	15	32.20	-1.6
	0.5s		1.00nm		4.1mb	
NAO	48.97	326	P	15	45.80	0.1
	0.6s		2.00nm		4.3mb	
BCAO	54.22	252	iP	16	24.50	-1.3
	0.8s		7.00nm		4.7mb	
WRA	79.90	120	P	19	08.90	0.8
	0.7s		0.40nm		3.5mb	
WB2	79.90	120	eP	19	08.20	0.0
	1.1s		2.70nm		4.2mb	
YKA	87.72	2	eP	19	46.80	-0.3
	0.6s		2.10nm		4.6mb	
	S.D. = 1.1	on	9 of	9 obs.		
? DEC 25, 1992 18h 18m 02.19± 5.73s						
32.505 S ±36.7km 71.831 W ±31.3km						
DEPTH = 23.7 ± 9.2 km						
NEAR COAST OF CENTRAL CHILE (135)						
ROCH	0.83	124	iP	18	18.02	0.0
			iS	18	28.74	
LCCH	0.99	167	iP	18	20.86	0.3
			iS	18	33.43	
JACH	1.06	100	iP	18	21.49	-0.2
			iS	18	34.80	
PEL	1.16	124	iP	18	23.14	0.2
			iS	18	37.69	
TACH	1.37	147	iP	18	26.65	0.7
			iS	18	43.07	
LNV	1.49	166	iP	18	27.45	-0.2
			iS	18	47.14	
FCH	1.53	123	iP	18	28.70	0.1
			iS	18	48.12	
PCH	1.57	136	iP	18	29.59	0.7
CHCH	1.73	146	(P)	18	29.63	-1.6
			iS	18	52.97	
	S.D. = 0.9	on	9 of	9 obs.		
? DEC 25, 1992 18h 37m 39.40± 2.35s						
36.775 N ±34.3km 29.072 E ±11.5km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.2 (ISK).						
ELL	0.67	92	iP	37	53.00	0.2
			eSg	38	04.50	
YER	0.73	300	eP	37	53.50	-0.2
			eSg	38	04.00	
CIN	1.14	317	eP	38	01.00	0.3
			iSg	38	13.00	
BCK	1.39	60	eP	38	04.70	-0.2
	S.D. = 0.5	on	4 of	4 obs.		
DEC 25, 1992 18h 40m 24.58± 0.98s						
44.100 N ±11.3km 11.179 E ± 5.1km						
DEPTH = 10.0km (geophysicist)						
NORTHERN ITALY (545)						
MD 2.6 (FIR).						

FIR	0.33	170	eP	40	32.00	0.7
			iSg	40	40.00	
MME	0.36	285	P	40	32.50	0.5
			eSg	40	39.50	
BDI	0.42	265	P	40	33.10	-0.1
			eSg	40	40.10	
PGD	0.45	120	P	40	34.20	0.4
SFI	0.52	110	P	40	34.50	-0.6
			eSg	40	42.70	
PII	0.61	232	P	40	36.00	-0.8
CRE	0.73	130	P	40	38.90	-0.1
			eSg	40	47.80	
BOB	1.41	299	P	40	55.80	5.5X
	S.D. = 0.7	on	7 of	8 obs.		
% DEC 25, 1992 18h 54m 24.81± 3.16s						
45.523 N ±24.2km 26.187 E ±14.4km						
DEPTH = 109.0 ± 30.0 km						
ROMANIA (358)						
MLR	0.17	260	iP	54	40.00	0.2
CVO	0.30	358	iP	54	40.00	-0.1
VRI	0.51	47	iP	54	41.50	-0.4
BRD	0.61	90	iP	54	42.50	-0.1
MTUR	0.85	250	iP	54	44.50	-0.3
PPE	1.22	55	eP	55	06.00	17.4X
CLI	1.28	36	iP	54	49.40	0.1
COZ	1.31	262	eP	54	49.90	0.0
	S.D. = 0.3	on	7 of	8 obs.		
& DEC 25, 1992 18h 57m 15.42s						
59.531 N 139.062 W						
DEPTH = 13.3km						
SOUTHEASTERN ALASKA (19)						
<AEIC>. ML 3.2 (AEIC), 3.4 (PGC).						
HQN	0.12	130	iP	57	18.86	0.0
			eS	57	22.07	

25d 20h

DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 1.8 (LDG).

BGF	0.17	54	Pg	15	40.00	1.2
			Sg	15	43.20	
MAF	0.24	193	Pg	15	40.30	0.2
			Sg	15	43.50	
TCF	0.35	241	Pg	15	42.10	0.1
			Sg	15	46.60	
AVF	0.59	55	Pg	15	47.00	0.2
			Sg	15	54.80	
LSF	0.80	255	Pg	15	50.20	-0.2
			Sg	16	00.60	
SMF	0.85	77	Pg	15	51.50	0.3
			Sg	16	02.30	
SSF	0.85	44	Pg	15	51.50	0.3
			Sg	16	02.50	
LBF	1.06	60	Pn	15	52.50	-2.3
			Pg	15	55.50	
			Sg	16	09.50	
LOR	1.16	45	Pg	15	57.00	0.4
			Sg	16	11.70	

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

DEC 25, 1992 20h 46m 41.56±0.48s
38.380 S ± 4.7km 175.808 E ± 6.0km
DEPTH = 229.6 ± 5.6 km
3.5mb (2 obs.)

NORTH ISLAND, NEW ZEALAND (159)

UTU	0.36	56	P	47	11.00	-0.8
WLZ	0.54	342	P	47	12.40	0.1
			S	47	30.60	
TAZ	0.57	75	P	47	11.70	-0.7
WHH	0.74	133	P	47	11.90	-1.5
MOZ	0.80	261	P	47	13.40	-0.2
			S	47	32.40	
NGZ	0.81	191	P	47	12.60	-1.2
CNZ	0.84	194	P	47	12.60	-1.3
URZ	1.03	84	P	47	13.90	-0.9
			S	47	32.00	
PAHZ	1.09	117	P	47	14.80	-0.5
MOH	1.29	126	P	47	16.60	0.0
WAHZ	1.38	162	P	47	17.10	-0.3
TTH	1.41	146	P	47	17.60	0.1
BSZ	1.57	205	P	47	19.00	0.2
KUZ	1.63	358	P	47	21.30	2.0
			S	47	45.60	
NRZ	1.75	236	eP	47	21.40	1.1
NOZ	1.77	98	eP	47	20.80	0.3
TEHZ	1.79	154	P	47	20.80	0.1
MAHZ	1.81	117	eP	47	21.50	0.6
PUZ	1.95	82	P	47	22.70	0.4
			S	47	47.70	
HBZ	2.12	69	P	47	25.20	1.4
MNG	2.25	186	Pc	47	25.20	0.1
			S	47	51.80	
PGZ	2.27	171	Pc	47	25.40	0.2
KIW	2.58	195	Pc	47	28.60	0.1
CAW	2.78	192	P	47	30.90	0.1
MTW	2.79	185	Pc	47	30.70	-0.1
DIW	2.82	210	P	47	31.50	0.2
MRW	2.97	196	P	47	33.00	0.1
			S	48	06.90	
BLW	3.00	185	P	47	33.10	-0.1
WEL	3.01	195	P	47	33.50	0.2
			S	48	07.50	
TCW	3.07	202	P	47	34.20	0.3
MOW	3.07	188	P	47	33.90	-0.1
QRZ	3.52	225	P	47	39.70	0.5
THZ	4.05	212	P	47	46.30	0.7
			S	48	33.30	
KHZ	4.39	203	P	47	50.10	0.5
			eS	48	39.70	
DSZ	4.56	221	eP	47	51.90	0.1
LTZ	5.16	210	eP	47	58.70	-0.6
			S	48	54.30	
MQZ	5.83	203	P	48	07.40	-0.3
			S	49	08.70	
ODZ	7.70	208	P	48	32.40	0.8
WB2	40.20	285	eP	53	56.20	-1.0
	0.4s	3.10nm			4.1mb	
WRA	40.21	285	P	53	56.50	-0.7
	0.6s	0.30nm			2.9mb	

S.D. = 0.7 on 40 of 40 obs.

DEC 25, 1992 21h 43m 24.09±0.73s
24.942 S ± 5.6km 68.983 W ± 10.6km
DEPTH = 112.3 ± 9.8 km
4.4mb (2 obs.)

CHILE-ARGENTINA BORDER REGION (127)

ANT	1.80	313	iPd	43	56.00	1.0
			iS	44	16.70	
FSA	2.92	114	ePc	44	12.00	2.3
SLA	3.18	87	ePc	44	14.30	0.9
YJA	4.22	50	ePc	44	28.50	0.6
CYA	4.51	141	iPc	44	32.60	1.2
RTLL	6.38	176	iPd	44	57.00	-0.1
RTCB	6.52	179	iPc	44	59.00	-0.1
CFA	6.67	175	ePd	45	01.00	-0.1
RTCV	6.90	177	iPd	45	04.00	-0.3
TCA	7.46	150	i(P)	45	11.00	-0.9
MDZ	7.91	179	e(P)	45	20.20	2.2
CCH	7.97	20	eP	45	19.00	-0.1
			i	45	38.50	
MRA	7.98	160	ePd	45	17.30	-1.5
CNCB	8.15	7	P	45	20.00	-1.7
LPB	8.41	6	eP	45	30.00	4.9X
ZOBO	8.65	5	P	45	27.80	-0.7
RFA	9.81	177	iP	45	40.20	-3.4
SIV	11.58	41	P	46	06.40	-0.8
VAO	20.21	89	eP	47	50.40	-1.9
BAO	21.73	69	e(P)	48	06.00	-1.7
			e	48	07.00	
LIC	69.44	73	P	54	22.60	0.2
TIC	69.66	72	P	54	24.80	1.1
KIC	69.76	73	P	54	24.80	0.4
	0.6s	5.50nm			4.6mb	
ULM	78.56	343	eP	55	18.50	4.2X
YKA	94.39	341	eP	56	32.70	1.0
	0.6s	0.90nm			4.3mb	
WRA	129.94	209	PKP	02	25.40	2.7X
	0.5s	0.30nm				
GBA	146.45	103	PKP	02	55.00	2.3
HYB	148.87	98	ePKP	03	02.50	5.9X

S.D. = 1.5 on 24 of 28 obs.

% DEC 25, 1992 21h 50m 05.64±0.92s
39.068 N ± 7.5km 27.311 E ± 9.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

IZM	0.67	183	ePn	50	19.00	0.0
EZN	1.08	315	ePn	50	25.70	-0.1
DST	1.15	62	ePn	50	26.70	-0.5
EDC	1.35	18	ePn	50	30.00	-0.4
KCT	1.43	34	iPn	50	32.70	1.1

S.D. = 0.9 on 5 of 5 obs.

& DEC 25, 1992 22h 15m 27.16s
33.961 N 116.329 W
DEPTH = 5.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 2.8 (GS).

PEC	0.69	265	ePd	15	39.90	-1.2
			eS	15	48.91	
PLM	0.75	216	ePd	15	41.09	-1.3
			eS	15	51.40	
SSK	1.16	283	ePnd	15	48.33	-1.1
			eS	16	03.81	
GSC	1.39	344	ePn	15	51.95	-1.3
GLA	1.55	125	ePnd	15	52.89	-2.5
ISA	2.45	315	ePn	16	06.36	-2.1
			ePg	16	11.87	
BCH	3.33	293	ePn	16	20.48	-0.5
TNP	4.17	350	ePn	16	31.57	-1.5
BONR	4.29	339	ePn	16	33.65	-1.2
ARUT	4.48	31	ePn	16	36.36	-1.0
			ePg	16	50.34	
MSU	5.65	35	ePn	16	52.87	-1.1

11 obs. associated

DEC 25, 1992 22h 15m 56.46±0.41s
49.144 N ± 3.7km 6.842 E ± 4.2km
DEPTH = 10.0km (geophysicist)

GERMANY (543)
ML 2.8 (STR).

LANF	0.65	104	Pg	16	08.82	-0.7
WLF	0.69	319	iPd	16	10.03	0.0

SRBF	0.70	109	Pg	16	10.51	0.2
CDF	0.79	158	Pg	16	11.16	-0.7
WLS	0.81	155	Pg	16	11.42	-0.7
ECH	0.95	167	Pg	16	14.36	-0.3
VITF	1.09	212	Pg	16	16.74	-0.2
LIBD	1.11	153	Pg	16	18.16	0.8
MOF	1.31	171	Pg	16	21.22	0.5
			Sg	16	39.24	
BSF	1.31	181	Pg	16	21.22	0.4
			Sg	16	39.24	
FEL	1.49	148	Pg	16	24.33	1.0
			Sg	16	44.09	
TNS	1.50	43	ePnd	16	24.70	1.2
			eSn	16	41.50	
DOU	1.75	304	iP	16	26.90	0.0
			i	16	30.30	
SLE	1.76	141	eP	16	26.90	-0.4
LOMF	1.79	180	Pn	16	27.02	-0.8
ZLA	1.96	148	eP	16	33.80	3.7X
SNF	2.15	311	iPc	16	32.79	0.0
			id	16	39.94	
			iS	17	06.77	
LLS	2.70	147	ePc	16	41.90	1.0
GRF	2.91	77	ePg	16	51.70	8.0X
			eSg	17	27.30	
EMS	3.08	179	ePd	16	45.40	-0.8
VDL	3.19	145	ePd	16	48.80	0.9
KHC	4.42	88	ePn	17	04.00	-1.1
			Pg	17	24.10	
			eSn	17	54.50	
			eSg	18	17.00	
GEC2	4.53	91	Pn	17	05.30	-1.4
			Sn	17	55.50	
			Sg	18	19.50	
KBA	4.82	113	iPnd	17	12.00	1.0
			iSn	18	07.30	

S.D. = 0.8 on 22 of 24 obs.

DEC 25, 1992 22h 36m 33.01±0.36s
39.275 N ± 3.3km 28.831 E ± 4.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.7 (ISK). Felt at Kutahya.

DST	0.37	335	iPg	36	39.80	-0.8
			eSg	36	45.30	
ALT	1.02	102	iPg	36	51.60	-0.7
KCT	1.04	340	iPn	36	52.70	0.1
KHL	1.09	150	iPn	36	52.60	-1.0
BNT	1.29	327	iPn	36	57.60	0.7
EDC	1.30	325	iP			

25d 22h

(S) 47 25.80
TCA 4.86 64 e(P) 46 37.00 -11.1X
S 47 36.00
S.D. = 1.4 on 5 of 6 obs.

* DEC 25, 1992 23h 03m 31.44 ± 0.68s
42.073 N ± 8.5km 142.765 E ± 10.6km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)

HOKKAIDO, JAPAN REGION (224)

HOJ 0.50 51 iPd 03 42.80 0.8
S 03 51.40

MRRJ 1.31 286 P 03 52.70 -0.8
S 04 08.50

KUSJ 1.76 54 iPd 04 00.00 -0.1
S 04 22.30

ASAJ 2.05 358 eP 04 04.60 0.4
AOMJ 2.35 231 iPd 04 09.40 0.9
S 04 38.00

OFUJ 3.10 196 P 04 19.50 0.3
S 04 58.10

YAMJ 4.42 209 P 04 38.60 0.6
eS 05 30.00

MAT 6.56 214 (P) 05 09.00 0.9
0.6s 11.33nm 4.8mb X

CHJJ 6.69 207 P 05 09.80 -0.2
WRA 62.19 189 P 13 49.00 -2.9
1.0s 0.40nm 3.5mb

S.D. = 1.3 on 10 of 10 obs.

& DEC 25, 1992 23h 52m 17.76s
61.070 N 151.900 W

DEPTH = 89.2km
SOUTHERN ALASKA (2)
<AEIC>

SPU 0.13 326 P 52 30.20 1.1
S 52 39.50

CKT 0.20 312 P 52 30.50 1.2
S 52 39.90

CRP 0.23 328 ePd 52 30.23 0.7
eS 52 40.30

CP2 0.26 320 ePd 52 30.77 -0.6
S 52 40.85

BGL 0.31 309 iPd 52 30.91 -0.6
S 52 41.08

NKA 0.46 135 P 52 33.40 1.1
DFR 0.62 219 P 52 33.00 -0.7

SUA 0.68 54 P 52 34.00 -0.4
SKT 0.93 11 P 52 36.70 -0.2

SLKM 1.00 124 P 52 37.20 -0.5
ILIM 1.12 208 P 52 38.20 -1.0

PWA 1.13 58 P 52 39.90 0.6
PMS 1.15 80 P 52 39.50 0.0

S 52 55.30

MPA 1.38 114 P 52 41.70 -0.5
PTE 1.42 97 P 52 41.70 -1.1

PLRM 1.43 67 P 52 42.20 -0.8
GHO 1.59 62 P 52 44.70 -0.5

KNK 1.70 77 P 52 45.50 -1.0
PDB 1.72 222 P 52 46.20 -0.5

SVW 1.81 273 (P) 52 48.33 0.4
LTI 2.25 116 P 52 51.90 -1.9

21 obs. associated

% DEC 26, 1992 00h 28m 02.37 ± 1.50s
39.147 N ± 11.6km 28.664 E ± 15.9km

DEPTH = 10.0km (geophysicist)
TURKEY (366)

MD 2.8 (ISK).

DST 0.46 357 iPg 28 11.60 -0.1
eSg 28 16.10

KHL 1.06 140 ePn 28 21.80 -0.6
KCT 1.13 348 iPn 28 23.50 0.0

ALT 1.13 94 ePn 28 24.70 1.1
EDC 1.35 333 ePn 28 28.00 0.8

YLV 1.52 21 ePn 28 28.40 -1.3

S.D. = 1.1 on 6 of 6 obs.

DEC 26, 1992 00h 47m 13.04 ± 0.87s
35.210 N ± 6.9km 22.154 E ± 2.9km

DEPTH = 42.0 ± 7.0 km
4.4mb (37 obs.)

CENTRAL MEDITERRANEAN SEA (400)

MD 4.1 (ATH).

VLI 1.63 23 iPbc 47 43.10 3.3X
NPS 2.83 88 ePn 48 00.10 3.2X

ATH 3.03 24 iPn 48 01.70 2.0
eSn 48 34.00

VLS 3.22 337 iPnd 48 03.90 1.6
eSn 48 40.00

PAIG 4.86 14 ePn 48 26.21 0.6
KEK 4.87 338 ePn 48 26.60 0.9

LIT 4.89 3 ePn 48 27.16 1.2
eSn 49 16.36

SRN 4.97 340 ePn 48 26.80 -0.2
LSK 5.08 346 iPn 48 28.40 -0.4

IZM 5.19 51 eP 48 30.50 0.2
YER 5.32 67 eP 48 32.00 -0.1

THE 5.45 7 ePn 48 33.68 -0.2
eSn 49 28.88

FNA 5.60 354 ePn 48 36.24 0.2
eSn 49 32.96

SOI 5.67 302 Pc 48 37.60 0.5
eSn 49 34.00

EZN 5.68 34 eP 48 35.90 -1.2
SOH 5.68 9 ePn 48 37.64 0.4

GRG 5.74 2 ePn 48 38.08 0.0
eSn 49 35.16

GRI 5.83 310 P 48 39.43 0.1
KNT 5.97 5 ePn 48 41.32 0.1

OHR 5.99 350 iPn 48 41.60 0.1
0.7s 402.00nm 6.1mb X

iSn 49 43.50

SRS 6.01 10 ePn 48 41.60 -0.1
MSI 6.08 301 P 48 44.40 1.6

VAY 6.11 3 iPn 48 43.00 -0.2
KSL 6.12 79 ePn 48 42.90 -0.4

ATN 6.13 301 P 48 43.80 0.3
MEU 6.14 290 P 48 44.00 0.3

TIR 6.39 344 iPnc 48 46.60 -0.4
iSn 49 53.00

TDS 6.41 316 P 48 48.50 1.1
ALN 6.45 27 ePn 48 46.84 -1.1

ELL 6.47 74 iP 48 48.50 0.1
MMB 6.49 11 iPd 48 47.00 -1.5

MNO 6.59 297 P 48 50.90 0.8
KHL 6.68 60 iP 48 51.70 0.4

DST 6.77 48 eP 48 52.60 0.2
RZN 6.77 16 iPd 48 53.00 0.4

SKO 6.77 355 iPn 48 51.60 -0.9
iSg 50 00.10

EDC 6.84 40 iP 48 53.00 -0.3
BRT 6.87 327 P 48 53.00 -0.9

KKS 6.99 349 ePn 48 50.70 -4.8X
GIB 7.10 295 P 48 57.50 0.3

ULC 7.12 342 iPnc 48 54.98 -2.3
iSn 50 00.83

SDA 7.14 344 ePn 48 58.00 0.4
PLD 7.17 15 iP 48 59.00 1.0

BCK 7.17 69 eP 48 57.50 -0.6
MGR 7.18 315 Pc 48 58.00 -0.2

BAI 7.22 326 P 48 58.00 -0.7
DIM 7.32 20 iP 49 00.00 -0.1

BDV 7.52 341 iPnc 49 00.62 -2.4X
iSn 50 08.85

TTG 7.55 343 iPnc 49 01.50 -1.8
iSn 50 11.53

PVY 7.57 348 iPnc 49 02.85 -0.8
iSn 50 12.97

HCY 7.77 340 iPnc 49 03.69 -2.7X
iSn 50 14.57

YLV 7.82 45 eP 49 07.40 0.2X
IVA 7.85 348 iPnc 49 06.56 -1.0X

iSn 50 20.06

NKY 7.98 343 iPnc 49 06.86 -2.5X
iSn 50 21.07

BRY 8.18 341 iPnd 49 09.16 -3.0X
iSn 50 25.16

PLE 8.39 346 iPnc 49 13.40 -1.6X
iSn 50 31.85

RFI 8.84 316 P 49 21.62 0.4X
HVAR 9.10 333 iPn 49 21.30 -3.5X

iSn 50 53.50

CSS 9.16 88 eP 49 22.10 -3.6X
eS 50 57.40

SDI 9.21 317 P 49 26.20 -0.1X
HLW 9.41 122 eP 49 28.00 -1.1X

MLR 10.67 15 eS 51 04.00
ePc 49 49.50 3.1X

ASS 10.76 320 P 55 47.00
e 49 48.10 0.5X

ZNT 11.13 102 eP 49 48.40 -4.1X
eS 51 40.10

VRI 11.20 17 eP 49 51.00 -2.5X
HRI 11.41 96 eP 49 52.70 -3.8X

SAGI 11.65 112 eP 49 57.90 -1.7X
eS 51 53.80

PTJ 11.67 338 iP 49 54.10 -5.8X
e 51 50.50

PRNI 11.84 111 eP 50 00.10 -2.1X
SRO 12.91 348 eP 50 11.70 -4.7X

FVI 13.39 331 P 50 21.90 -0.7X
UZH 13.41 0 eP 50 22.50 -0.4X

ZST 13.51 345 e(P) 50 19.50 -4.7X
KBA 13.58 334 iPc 50 22.50 -2.8X

1.3s 23.10nm 4.9mb
iS 52 44.00

SAL 13.63 323 P 50 25.30 -0.5
SPC 14.04 355 eP 50 46.50 15.1X

BHG 14.29 334 eP 50 35.70 1.3
OGA 14.34 328 iPd 50 45.70 10.4X

WTTA 14.39 330 iPc 50 36.50 0.5
1.3s 30.50nm 4.7mb

i 50 45.70
iS 53 07.30

SQTA 14.53 329 iPc 50 39.70 1.9
0.7s 18.50nm 4.7mb

i 50 47.20
iS 53 11.30

OSS 14.60 325 ePc 50 40.00 1.3
VDL 14.78 323 ePd 50 41.90 0.9

TMA 14.81 321 eP 50 43.10 1.6
GEC2 14.99 338 Pn 50 42.40 -1.3

Sn 53 19.40
LLS 15.28 324 iPc 50 49.20 1.7

KHC 15.28 338 P 50 47.50 0.1
1.2s 20.50nm 4.2mb

i 50 54.00
e 51 12.60

WET 15.51 337 iPc 50 51.50 1.1
i 50 56.60

LPG 15.58 316 eP 50 50.30 -1.2
0.8s 11.30nm 4.1mb

LPL 15.60 316 eP 50 50.70 -1.0
1.3s 30.35nm 4.3mb

PRU 15.78 342 eP 50 53.20 -0.6
e 50 59.00

e 51 03.50
ZLA 16.01 324 ePd 50 59.30 2.6X

SLE 16.16 325 ePd 51 01.20 2.6X
KSP 16.19 347 eP 50 58.60 -0.4

ec 51 03.60
BBS 16.42 323 P 51 01.86 -0.1

FEL 16.46 325 P 51 03.56 1.0
GRF 16.54 334 ePc 51 03.80 0.4

e 51 08.20
LOMF 16.69 321 P 51 04.67 -0.7

BRG 16.75 342 eP 51 10.40 4.4X
1.0s 12.00nm 4.0mb

MOF 16.87 323 P 51 08.16 0.5
BSF 17.03 322 P 51 10.12 0.5

ECH 17.11 324 P 51 11.47 0.9
WLS 17.16 325 P 51 11.82 0.6

CDF 17.19 325 P 51 12.42 0.8
MOX 17.22 337 eP 51 15.20 3.3X

1.9s 41.00nm 4.2mb
HAU 17.37 322 eP 51 13.70 -0.1

1.0s 32.40nm 4.4mb
VITF 17.69 322 P 51 18.71 0.9

SMF 17.90 315 eP 51 18.30 -2.0
LBF 18.01 316 eP 51 19.60 -2.1

1.1s 11.70nm 3.9mb
CAF 18.14 308 eP 51 22.70 -0.7

LOR 18.23 317 eP 51 22.50 -2.0
0.8s 4.55nm 3.7mb

AVF 18.26 315 eP 51 22.80 -1.9
0.8s 5.10nm 3.7mb

SSF 18.32 316 eP 51 23.90 -1.6
0.9s 9.15nm 3.9mb

BGF 18.43 314 eP 51 24.90 -2.0
0.7s 7.05nm 3.9mb

WLF 18.60 326 Pc 51 31.00 2.1
EPF 18.61 301 eP 51 28.40 -0.7

0.9s 9.00nm 4.0mb

26d 00h

LPO 18.61 307 eP 51 27.60 -1.5
 RJF 18.65 309 eP 51 27.30 -2.3
 0.6s 5.30nm 3.9mb
 TCF 18.68 312 eP 51 27.70 -2.2
 LFF 19.00 307 eP 51 32.90 -0.9
 0.8s 27.55nm 4.5mb
 LSF 19.07 312 eP 51 32.40 -2.3
 1.3s 22.40nm 4.2mb
 DOU 19.63 325 Pc 51 42.10 1.3
 1.0s 72.20nm 4.9mb
 ETOR 19.85 294 eP 51 48.80 5.4X
 ELIZ 19.96 301 iPc 51 46.20 1.8
 EVIA 19.99 287 eP 51 49.80 4.9X
 WTS 20.05 332 eP 51 47.50 2.3
 0.9s 17.00nm 4.4mb
 SNF 20.06 325 iPc 51 46.77 1.5
 MFF 20.26 311 eP 51 47.20 -0.3
 0.6s 10.45nm 4.3mb
 ECR1 20.52 298 iPc 51 52.20 1.9
 ECOG 20.83 283 eP 51 57.00 3.4X
 LDF 21.20 316 eP 51 56.40 -0.7
 1.1s 26.35nm 4.5mb
 ELUO 21.38 284 eP 52 01.10 2.1
 GUD 21.41 293 eP 52 02.30 2.9X
 LPF 21.46 314 eP 51 59.00 -0.6
 0.7s 17.55nm 4.6mb
 PAB 21.47 289 iPc 52 05.00 5.0X
 FLN 21.49 316 eP 51 58.80 -1.2
 1.2s 36.30nm 4.6mb
 GRR 21.52 315 eP 51 59.80 -0.5
 OBN 22.26 22 eP 52 07.00 -0.6
 0.8s 23.00nm 4.7mb
 NUR 25.37 3 eP 52 38.50 1.0
 HFS 25.54 350 eP 52 39.70 0.5
 0.4s 2.30nm 4.0mb
 EKA 26.62 327 Pd 52 52.80 3.6X
 1.0s 16.40nm 4.6mb
 NAO 26.65 348 P 52 49.40 0.0
 0.7s 1.60nm 3.7mb
 KAF 27.05 4 eP 52 53.90 0.8
 BCOA 30.81 187 iPc 53 41.20 14.0X
 0.2s 8.00nm id 53 53.20

KIC 37.91 227 (P) 54 28.00 -0.1
 SEM 44.11 51 ePc 55 20.30 1.5
 1.0s 21.00nm 4.9mb
 e 01 47.00

ELT 47.65 47 iPd 55 46.00 -0.8
 0.9s 27.00nm 5.3mb
 UER 52.63 48 eP 56 24.00 -0.8
 GKN 52.94 79 Pc 56 27.40 -0.3
 0.5s 25.00nm 5.5mb X
 DMN 53.48 80 Pc 56 31.84 0.1
 KKN 53.55 79 Pc 56 32.02 -0.2
 0.6s 16.00nm 5.2mb
 PKI 53.74 79 Pc 56 33.62 -0.2
 GUN 53.98 79 Pc 56 35.52 0.0
 0.5s 19.00nm 5.4mb
 ZAK 58.55 48 eP 57 08.00 0.6
 0.9s 10.00nm 4.9mb
 BOD 62.00 37 eP 57 29.20 -1.7
 0.7s 8.00nm 5.0mb
 YKA 76.62 341 eP 59 02.20 1.6
 0.6s 1.00nm 4.0mb
 IMA 79.00 358 eP 59 16.39 2.7X
 1.0s 3.75nm 4.3mb

NEW 89.29 334 (P) 00 11.39 5.3X
 1.0s 6.00nm 4.9mb
 S.D. = 1.1 on 114 of 157 obs.

* DEC 26, 1992 00h 55m 39.93 ± 0.81s
 10.418 S ± 11.8km 127.392 E ± 7.4km
 DEPTH = 33.0km (normol)
 4.8mb (1 obs.)

TIMOR SEA (290)

KUG 3.74 274 iP 56 36.50 -0.2
 IS 57 32.00
 e 58 57.50
 KUPT 3.74 274 iP 56 36.50 -0.2
 IS 57 32.00
 SLK1 4.55 58 iPc 56 48.50 0.2
 WB2 11.61 145 eP 58 26.10 -0.3
 eS 00 45.80
 ASPA 14.57 156 iPd 59 09.20 3.5X
 0.7s 23.20nm 4.8mb
 eS 02 05.40

NANU 16.57 222 eP 59 32.00 0.5
 S.D. = 0.5 on 5 of 6 obs.

? DEC 26, 1992 01h 06m 42.50 ± 2.60s
 25.376 S ± 21.1km 179.835 W ± 37.5km
 DEPTH = 552.6 ± 31.5 km
 4.7mb (7 obs.)

SOUTH OF FIJI ISLANDS (171)

HBZ 12.29 187 eP 09 26.00 1.7
 eS 11 37.20
 PUZ 12.76 187 eP 09 28.80 -0.4
 DZM 12.99 282 iPd 09 30.90 -0.7
 MNG 15.70 193 eP 09 54.40 -3.9X
 ORZ 16.67 201 P 10 07.70 0.0
 KHZ 17.85 196 eP 10 18.90 -0.2
 LTZ 18.54 199 eP 10 24.00 -1.7
 HNR 24.91 306 eP 11 24.00 0.0
 ARMA 25.68 252 iPc 11 31.40 0.6
 0.4s 6.00nm 4.6mb
 RMO 28.24 261 iPd 11 53.80 0.7
 0.3s 20.00nm 5.2mb
 CMS 30.72 251 iPc 12 14.10 -0.2
 0.4s 5.00nm 4.5mb
 STK 34.34 250 eP 12 45.00 0.2
 0.5s 7.30nm 4.6mb
 ASPA 41.97 262 iPd 13 47.00 0.1
 1.1s 33.00nm 4.8mb
 iS 19 24.10
 WB2 42.46 268 eP 13 50.60 -0.2
 0.5s 48.50nm 5.3mb
 eS 19 31.50
 WRA 42.47 268 P 13 51.00 0.1
 0.6s 3.30nm 4.0mb
 HYB 107.50 281 ePd i f 19 59.00 -4.4X
 NAO 143.82 351 PKP 25 20.80 5.1X
 0.8s 3.60nm
 HFS 144.02 349 ePKP 25 21.00 5.0X
 0.3s 2.20nm
 S.D. = 0.9 on 14 of 18 obs.

DEC 26, 1992 01h 43m 57.49 ± 0.84s
 2.074 N ± 5.6km 127.226 E ± 10.6km
 DEPTH = 137.2 ± 7.9 km
 5.0mb (10 obs.)

NORTHERN MOLUCCA SEA (266)

MNI 2.47 255 ePc 44 37.50 -0.6
 eS 45 10.50
 AAI 5.80 170 eP 45 23.10 0.6
 CTB 5.92 329 eP 45 18.00 -6.1X
 BIP 6.19 351 ePd 45 28.50 0.8
 iS 46 34.00
 MTN 15.32 165 eP 47 26.70 -1.1
 0.3s 53.00nm 5.3mb
 MBL 24.20 197 iPc 48 48.40 -14.3X
 0.4s 18.00nm
 ASPA 26.40 166 iPc 49 21.80 -1.3
 0.3s 39.80nm 5.5mb
 NANU 27.02 204 eP 49 30.00 1.4
 0.4s 17.00nm 5.0mb
 WARB 28.10 181 iPd 49 38.70 0.3
 MEEK 29.73 196 iPd 49 52.90 -0.1
 FORT 32.68 179 eP 50 18.00 -0.7
 MRWA 32.92 198 iPd 50 21.20 0.4
 COOL 33.28 190 iPd 50 23.20 -0.8
 0.3s 8.00nm 5.0mb
 BAL 34.01 196 iPc 50 30.40 0.2
 KLB 34.67 194 iPc 50 35.80 0.0
 0.7s 38.00nm 5.3mb
 MUN 35.44 196 iPc 50 42.40 0.1
 STK 36.42 159 iPd 50 50.50 0.0
 0.6s 14.60nm 4.9mb
 RKG 37.69 194 eP 51 03.00 1.8
 ARMA 39.82 146 iPd 51 19.20 0.1
 0.6s 11.00nm 4.8mb
 LZH 40.17 330 eP 51 22.00 0.1
 1.4s 26.00nm 4.8mb
 GUN 47.10 307 P 52 18.10 0.0
 0.6s 34.00nm 5.2mb
 PKI 47.33 306 P 52 19.30 -0.6
 KKN 47.53 307 P 52 20.94 -0.3
 0.6s 12.00nm 4.8mb
 DMN 47.59 306 P 52 21.70 -0.1
 GKN 48.14 307 P 52 25.46 -0.4

S.D. = 0.8 on 23 of 25 obs.

% DEC 26, 1992 02h 53m 55.72 ± 0.86s
 44.442 N ± 6.4km 7.376 E ± 10.7km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.9 (GEN).

STV 0.20 191 P 54 00.18 0.0
 S 54 02.69
 PZZ 0.21 288 P 54 00.27 0.0
 S 54 03.06
 ENR 0.22 172 P 54 00.59 0.1
 S 54 03.47
 BHB 0.41 349 P 54 04.11 0.0
 S 54 10.15
 IMI 0.65 145 P 54 08.64 -0.1
 S 54 17.43
 S.D. = 0.1 on 5 of 5 obs.

% DEC 26, 1992 03h 02m 29.21 ± 1.72s
 33.678 S ± 5.5km 71.609 W ± 13.0km
 DEPTH = 12.2 ± 6.3 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.7 (SAN).

LCCH 0.21 9 iPd 02 34.39 0.5
 iS 02 40.74
 LNV 0.32 149 iPd 02 35.85 -0.1
 iS 02 43.37
 TACH 0.56 88 iPd 02 40.91 0.4
 CHCH 0.84 108 iPd 02 45.04 -0.2
 iS 03 00.28
 ROCH 0.86 36 iPd 02 45.18 -0.6
 iS 03 00.78
 PCH 0.92 87 iPd 02 46.65 0.1
 PEL 0.94 56 iPd 02 47.29 0.3
 iS 03 04.11
 CACH 0.95 118 iP 02 47.32 0.2
 iS 03 04.51
 FCH 1.16 73 iP 02 50.99 0.1
 iS 03 11.29
 JACH 1.31 41 iP 02 52.86 -0.4
 iS 03 13.51
 S.D. = 0.5 on 10 of 10 obs.

% DEC 26, 1992 03h 28m 47.23 ± 1.35s
 39.198 N ± 10.2km 28.631 E ± 14.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

DST 0.41 360 iPg 28 55.20 -0.4
 eSg 28 59.50
 KCT 1.07 349 iPg 29 06.90 -0.5
 KHL 1.12 141 iPg 29 07.80 -0.5
 ALT 1.16 97 ePg 29 09.60 0.6
 EDC 1.29 333 ePn 29 12.00 0.9
 YLV 1.48 22 ePn 29 13.80 -0.2
 S.D. = 0.8 on 6 of 6 obs.

? DEC 26, 1992 04h 18m 40.82 ± 5.31s
 39.285 N ± 38.6km 28.689 E ± 40.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.6 (ISK).

DST 0.32 352 iPg 18 47.40 -0.1
 eSg 18 52.00
 KCT 1.00 345 iPn 18 59.80 0.1
 ALT 1.13 101 ePn 19 02.00 0.0
 YLV 1.38 22 ePn 19 06.30 0.1
 S.D. = 0.2 on 4 of 4 obs.

% DEC 26, 1992 05h 22m 20.97 ± 1.39s
 42.841 N ± 10.9km 13.369 E ± 19.9km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)

AQU 0.49 177 P 22 30.60 -0.3
 eSg 22 39.60
 ASS 0.57 294 P 22 32.10 -0.4
 eSg 22 42.70
 ARV 0.73 335 P 22 34.80 -0.5
 eSg 22 47.00
 SDI 1.18 164 P 22 43.30 0.2
 CRE 1.30 308 P 22 46.00 0.9
 S.D. = 0.8 on 5 of 5 obs.

DEC 26, 1992 05h 23m 06.35 \pm 0.36s
 58.974 N \pm 4.1km 1.911 E \pm 4.8km
 DEPTH = 10.0km (geophysicist)
 NORTH SEA (534)
 ML 3.9 (BGS). MD 3.3 (BER).

OSG	1.60	17	eP	23	34.44	-0.3
KMY	1.74	81	eP	23	41.00	4.3X
			eS	24	03.29	
LRW	1.96	308	ePn	23	36.00	-3.9X
			eSn	23	56.40	
EGD	2.13	51	eP	23	43.22	0.9
			eS	24	07.64	
BER	2.24	49	eP	23	44.57	0.6
ASK	2.25	46	eP	23	44.38	0.3
			eS	24	09.84	
SUE	2.53	33	eP	23	47.03	-1.1
			eS	24	15.01	
ODD1	2.59	67	iPd	23	51.41	2.4
			eS	24	22.02	
MFI	2.61	240	iPnd	23	49.50	0.3
FOO	3.06	29	eP	23	53.94	-1.6
			eS	24	26.59	
MCD	3.06	245	ePn	23	54.80	-0.8
			eSn	24	29.10	
HYA	3.07	42	eP	23	54.78	-0.9
			eS	24	28.53	
EDR	3.14	231	ePn	23	57.40	0.6
EDU	3.59	229	ePn	24	03.60	0.4
WDO	3.66	248	ePn	24	02.90	-1.3
ESY	3.92	221	ePn	24	09.40	1.5
ELO	3.92	233	ePn	24	07.70	-0.2
			eSn	24	50.10	
EBH	4.00	229	ePn	24	09.00	0.1
EDI	4.12	224	ePn	24	12.00	1.4
			eSn	24	56.40	
EBL	4.18	222	ePn	24	12.80	1.2
EAU	4.27	225	ePn	24	13.80	0.9
EAB	4.37	233	ePn	24	13.70	-0.6
MOL	4.54	35	eP	24	15.53	-1.1
			eS	25	03.60	
EKA	4.58	219	P	24	18.00	0.8
	0.4s		3.20nm			
NRA0	5.17	66	Pn	24	26.35	0.8
			Sn	25	24.01	
HFS	6.10	74	eP	24	39.60	0.9
	0.3s		1.00nm			4.1mb
DMU	7.05	228	eP	24	56.00	3.9X
			eS	26	06.00	
DLF	7.39	223	eP	24	58.00	1.3
			eS	26	14.00	
DCN	7.62	226	eP	25	01.00	1.0
			eS	26	21.00	
SNF	8.59	170	iPd	25	15.65	2.1
			S	26	52.50	
DOU	9.03	169	P	25	21.90	2.3
			iS	26	59.10	
ABH	9.68	158	ePn	25	32.21	3.6X
FLN	10.33	189	Pn	25	37.00	-0.5
LDF	10.47	187	Pn	25	39.70	0.3
			Sn	27	30.80	
GRR	10.73	190	Pn	25	41.70	-1.3
			Sn	27	37.50	
LPF	11.10	190	Pn	25	47.80	-0.2
			Sn	27	46.70	
HAU	11.30	165	Pn	25	52.30	1.5
LOR	11.79	173	Pn	25	57.40	0.0
			Sn	28	02.30	
SSF	11.97	175	Pn	25	59.80	-0.1
LBF	12.08	173	Pn	26	01.50	0.2
			Sn	28	10.10	
AVF	12.24	175	Pn	26	03.10	-0.3
SMF	12.41	174	Pn	26	05.90	0.2
BGF	12.45	177	Pn	26	05.50	-0.8
			Sn	28	20.30	
MFF	12.46	187	Pn	26	04.70	-1.6
			Sn	28	17.70	
TCF	12.71	179	Pn	26	08.90	-0.9
LSF	12.75	181	Pn	26	08.70	-1.6
			Sn	28	26.30	
MAF	12.78	178	Pn	26	09.60	-1.1
			Sn	28	27.60	
RJF	13.69	181	Pn	26	20.90	-1.9
CAF	14.07	180	Pn	26	26.20	-1.6
LFF	14.08	183	Pn	26	26.10	-1.7
LPO	14.32	182	Pn	26	30.20	-0.8
S.D.	1.2	on	47	of	51	obs.

DEC 26, 1992 06h 02m 02.64 \pm 0.09s
 5.594 S \pm 2.3km 152.834 E \pm 2.6km
 DEPTH = 38.0km (7 depth phases)
 5.6mb (94 obs.) 5.6Msz (51 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

Felt (IV) at Rabaul.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 25S, 64C
 Centroid Location:
 Origin Time 06:02:10.8 0.2
 Lat 5.22S 0.02 Lon 153.08E 0.02
 Dep 19.3 1.2 Half-duration 2.0
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-5.47 0.09 Mtt=-0.16 0.12
 Mff= 5.64 0.12 Mrt=-1.09 0.22
 Mrf= 0.43 0.27 Mtf= 1.62 0.09
 Principal Axes:
 T Val= 6.06 Plg= 1 Azm=284
 N -0.32 13 194
 P -5.74 77 18
 Best Double Couple: Mo=5.9 \times 10¹⁷
 NP1: Strike= 27 Dip=46 Slip= -72
 NP2: 182 47 -107

RAB	1.54	334	iPc+	02	29.00	0.9
FINC	5.05	258	eP	03	19.00	1.0
PMG	6.78	236	iPc+	03	42.30	0.0
			eS	04	00.00	
YYYY	6.86	264	eP	03	45.00	1.4
MDG	7.03	272	eP	03	48.40	2.6X
HNR	8.02	119	eP-	03	59.00	-0.6
			eS	05	22.00	
WWKK	9.39	282	eP	04	27.70	9.1X
CTA	15.76	203	iPc	05	47.00	3.3X
	1.0s		37.50nm			4.5mb X
			iS	08	45.00	
BKM	19.26	130	iPc	06	28.50	1.4
OIS	19.65	220	eP	06	31.10	-0.3
	0.8s		7.00nm			4.0mb X
GUA	20.57	338	eP	06	41.50	0.5
	1.1s		1164.56nm			6.2mb
			e	06	44.50	11kmX
			eS	10	30.00	
PJG	20.63	338	eP	06	42.30	0.7
DZM	21.02	143	iPd	06	45.40	-0.2
			iS	10	38.90	
RMO	21.14	190	iPd	06	47.10	0.3
	0.4s		51.00nm			5.3mb
			i	10	53.00	
BRS	21.68	180	iPc	06	50.00	-2.2
	1.0s		37.00nm			4.8mb
			iS	10	48.00	
MTN	22.59	250	eP	07	01.00	-0.3
			eS	11	07.00	
WB2	22.94	230	iPd	07	05.20	0.4
	0.7s		213.00nm			5.7mb
AAI	24.63	273	eP	07	25.10	4.0X
ARMA	24.72	182	iPc	07	23.20	1.2
	0.5s		42.00nm			5.3mb
			i	11	00.20	
ASPA	25.60	224	iPd	07	30.00	-0.3
	0.7s		124.70nm			5.6mb
Z	23s		7.50um			5.2MszX
			i	07	39.90	36km
			eS	11	40.90	
			eScS	18	39.10	
CMS	26.58	193	iPd	07	37.90	-1.3
	0.6s		18.00nm			4.9mb
STK	28.19	201	eP	07	52.50	-1.3
	0.6s		44.10nm			5.3mb
			i	08	07.70	63kmX
			e	11	07.10	
MNI	28.82	283	e(P)	08	01.20	1.5
BWA	28.98	188	eP	07	59.70	-1.3
KUG	29.29	259	iP	08	10.00	6.0X
			e	11	16.00	
KUPT	29.29	259	iP	08	10.00	6.0X
CNB	29.75	186	iPd	08	08.00	0.1
	0.8s		51.00nm			5.3mb
CAN	29.79	186	iPd	08	07.70	-0.6
BIP	29.86	297	eP	08	07.00	-2.0
DAV	29.98	295	eP	08	11.50	1.4
CTB	31.27	294	ePd	08	23.00	1.5
ADE	32.01	202	iPd	08	27.10	-0.7
WARB	32.33	228	iPc	08	30.00	-0.7

PLP	32.34	301	eP	08	39.30	32km
TOO	32.53	191	iPc	08	31.90	-0.3
	1.0s		39.00nm			5.2mb
			iPcP	11	18.70	
BFD	32.81	195	iPd	08	33.50	-1.2
	0.6s		26.00nm			5.3mb
MKS	33.22	269	iPc	08	39.20	0.7
FORT	34.20	220	eP	08	45.00	-1.8
	0.6s		78.00nm			5.8mb
MBL	35.52	241	eP	08	41.70	-16.6X
	0.5s		153.00nm			
			e	08	48.00	21kmX
TSM	36.27	285	eP	09	05.00	0.4
KHKI	37.04	264	ePd	09	08.70	-2.4
			e	12	55.60	
KKM	38.34	287	ePd	09	21.90	-0.3
	0.5s		44.40nm			5.6mb
CVP	38.38	308	ePc	09	24.00	1.7
BAG	38.68	305	ePc+	09	25.50	0.5
			eS	15	14.00	
MEEK	38.76	234	iPd	09	24.80	-0.6
	0.8s		119.00nm			5.7mb
			i	09	32.10	25kmX
COOL	38.96	226	eP	09	26.00	-1.1
QRZ	39.27	156	P	09	29.70	0.2
	0.9s		119.00nm			5.7mb
URZ	39.29	149	P	09	30.50	0.9
PUZ	39.74	148	P	09	33.90	0.5
	0.7s		226.00nm			6.1mb
NANU	39.76	241	eP	09	31.00	-2.7X
	0.4s		34.00nm			5.5mb
NOZ	40.03	149	P	09	36.20	0.4
	0.8s		151.00nm			5.8mb
THZ	40.21	157	P	09	37.40	0.1
	0.8s		34.00nm			5.2mb
TCW	40.32	155	P	09	38.50	0.4
MNG	40.36	153	P	09	38.40	-0.1
	0.8s		169.00nm			5.9mb
CAW	40.57	154	P	09	40.10	-0.1
PGZ	40.72	152	P	09	40.30	-1.1
	0.5s		48.00nm			5.5mb
MTW	40.80	154	P	09	41.70	-0.4
LTZ	40.84	158	P	09	42.10	-0.3
	0.8s		116.00nm			5.7mb
MOW	40.91	154	P	09	42.50	-0.5
KHZ	41.02	156	P	09	43.00	-0.8
	0.7s		87.00nm			5.6mb
BWZ	41.56	162	P	09	47.70	-0.5
	0.8s		116.00nm			5.7mb
MOZ	41.78	158	P	09	49.60	-0.4
KLB	41.79	227	iPd	09	49.10	-1.2
BAL	42.08	229	eP	09	51.50	-1.3
KAGJ	42.16	331	P	09	53.30	0.0
ODZ	42.26	161	P	09	53.60	-0.4
TUZ	42.77	163	P	09	58.00	-0.1
WKYJ	42.82	339	P	09	57.10	-1.7
TKSJ	43.19	337	eP	10	00.30	-1.4
KUMJ	43.31	333	P	10	02.30	-0.4
RKG	43.89	224	iPc	10	07.80	0.4
	0.6s		44.00nm			5.4mb
MAT	44.10	343	eP	10	06.00	-3.0X
	0.9s		26.89nm			5.0mb
Z	20s		3.90um			5.3Msz
			eS	16	28.00	
SHK	44.21	336	eP	10	09.40	-0.6
YONJ	44.48	337	eP	10	10.50	-1.6
SHNJ	44.52					

			iS	22	17.00	
			eP	23	08.00	
ZAK	70.18	329	ePd-	13	13.40	0.0
	1.4s		64.00nm			5.5mb
	Z 16s		1.48um			5.3Msz
	E 16s		1.36um			
			eS	22	20.00	
BOD	70.50	339	iPc	13	14.80	-0.5
	0.9s		45.00nm			5.5mb
IRK	70.81	331	eP	13	17.20	-0.1
	3.0s		659.00nm			6.1mb
	Z 16s		0.68um			5.0Msz
			e	13	44.00	105km
			eS	22	31.00	
			e	23	20.00	
			eSS	26	58.00	
SDN	71.90	26	iPd	13	21.95	-1.8
	0.8s		189.86nm			6.1mb
MOY	72.12	329	ePd	13	25.20	0.1
	3.0s		352.00nm			5.8mb
GUN	72.56	301	Pd	13	28.82	0.1
	0.8s		406.00nm			6.5mb
PKI	72.87	301	Pd	13	30.32	-0.2
	0.9s		97.00nm			5.8mb
KKN	73.04	301	Pd	13	31.30	0.0
	0.7s		184.00nm			6.2mb
DMN	73.14	301	Pd	13	31.94	0.0
	0.8s		394.00nm			6.4mb
GKN	73.64	301	Pd	13	34.40	-0.4
	0.8s		313.00nm			6.3mb
WMO	76.35	317	iPd	13	50.40	0.5
	1.3s		53.00nm			5.4mb
	Z 20s		2.41um			5.5Msz
	N 18s		1.29um			
			PcP	14	01.50	
			ePP	16	46.50	
			S	23	33.00	
			SKS	23	47.00	
			ScS	23	56.00	
HYB	76.78	289	ePd	13	52.40	-0.3
	0.8s		38.50nm			5.5mb
			eS	23	36.00	
KDC	76.89	27	iPd	13	51.78	-0.6
	0.8s		38.74nm			5.5mb
G8A	77.21	285	P	13	55.30	0.3
SVW	77.53	23	eP	13	56.32	0.3
	0.8s		198.92nm			6.2mb
TTA	78.49	21	ePc	14	01.21	-0.1
	0.8s		33.86nm			5.4mb
BGL	78.89	24	eP	14	02.31	-1.3
CP2	78.95	24	eP	14	01.96	-2.1
CRP	78.99	24	eP	14	02.17	-2.0
NDI	80.15	300	iPd	14	11.00	0.1
	0.8s		37.31nm			5.4mb
PMR	80.39	24	eP-	14	10.63	-0.8
	0.6s		73.95nm			5.8mb
	Z 21s		2.28um			5.5Msz
ELT	80.77	326	iPd	14	13.00	-0.6
	1.4s		130.00nm			5.7mb
	Z 15s		0.90um			5.2Msz
			iS	24	19.00	
IMA	81.19	19	eP	14	15.69	-0.1
	0.9s		62.69nm			5.6mb
POO	81.38	290	iPd	14	18.50	0.9
KLU	81.68	25	eP	14	18.09	-0.3
TOA	81.86	25	ePd	14	20.60	1.3
PRZ	82.39	314	eP	14	22.00	-0.6
	Z 18s		1.70um			5.5Msz
	N 18s		1.50um			
			eS	24	40.00	
FBA	82.61	22	ePc	14	21.48	-1.5
	0.9s		100.42nm			5.9mb
BALM	83.02	26	Pd	14	25.06	-0.3
TLG	83.31	315	eP	14	29.00	1.0
	1.8s		117.00nm			5.7mb
	Z 18s		0.70um			5.1Msz
	E 20s		1.00um			
			ePPP	19	36.00	
			eS	24	50.00	
SEM	83.33	322</				

SRW	83.52	14	eP	14	27.15	-0.4			Z	20s	1.53um	5.6Msz	LMN	128.32	33	ePKPd	21	10.50	3.5X	
SPA	84.44	180	iPd	14	33.00	0.5	NUR	112.87	335	ePKP	20	36.90	0.1	ZLA	128.34	330	ePKPc	21	07.50	0.4
	0.8s	175.00nm				6.3mb	FVM	114.41	51	PKP	20	50.00	9.3X	ECH	128.44	331	PKP	21	06.94	-0.3
MAW	84.85	203	eP	14	35.00	0.6		Z	19s	2.45um	5.8Msz		LLS	128.45	329	ePKPc	21	08.00	0.5	
	0.7s	22.20nm				5.4mb	SLM	114.41	50	PKP	20	50.00	9.4X	VDL	128.45	328	ePKPc	21	08.20	0.7
SIT	84.93	31	P	14	40.00	5.2X		Z	20s	1.37um	5.5Msz		MOF	128.71	331	PKP	21	07.62	-0.2	
	Z	20s	2.45um			5.6Msz	HFS	117.42	338	ePKP	20	44.20	-1.5	WME	128.81	343	ePKP	21	08.50	0.8
FRU	85.19	314	eP	14	37.40	0.8			0.4s	3.20nm				1.0s	30.00nm					
	2.6s	360.00nm				6.1mb		Z	19s	1015.00um	8.5MszX		BSF	128.89	331	PKP	21	08.20	0.0	
	Z	20s	1.50um			5.4Msz			LR	07	22.00		HAU	128.98	332	ePKP	21	08.10	-0.1	
	N	20s	1.20um				NAO	117.95	340	PKP	20	46.40	-0.3		0.7s	34.30nm				
	E	20s	1.50um					0.7s	8.50nm					Z	23s	0.95um			5.4MszX	
		e		14	50.00	42km	SPC	121.00	326	ePKP	20	54.30	1.2	VITF	129.00	332	PKP	21	08.20	-0.1
		eS		25	00.00		MCWV	121.83	46	PKP	21	00.00	5.3X	TMA	129.01	328	iPKPc	21	08.80	0.2
QUE	89.23	300	eP	14	57.40	0.7		Z	19s	2.77um	5.9Msz		YRC	129.02	343	ePKP	21	08.70	0.6	
LGPM	89.36	49	eP	14	57.50	0.6	KSP	122.20	329	iPKPd	20	55.40	0.4	DMU	129.10	345	ePKP	21	08.50	0.3
WDC	89.53	49	P	15	10.00	12.4X	SRO	122.81	325	iPKP	20	56.70	0.4	FIR	129.17	325	ePKP	21	09.00	0.3
	Z	20s	5.75um			6.0Msz	ZST	123.29	326	iPKPc	20	57.90	0.7	LOMF	129.21	331	PKP	21	08.89	0.1
BRVK	89.96	323	iPc	14	58.50	-0.8			1.0s	24.00nm			VAL	129.22	328	PKP	21	08.60	-0.1	
	1.0s	53.00nm				5.8mb	RSNY	123.35	39	PKP	21	10.00	12.5X	BDI	129.37	325	PKP	21	07.80	-1.4
		iS		25	27.00			Z	19s	1.23um	5.6Msz		YRH	129.40	342	ePKP	21	08.70	-0.1	
SHW	90.49	44	eP	15	04.26	2.2	RSNY	123.35	39	PKP	20	57.67	0.2	MMK	129.52	329	ePKPd	21	10.50	0.9
BCH	90.80	55	eP	15	05.11	1.4		Z	19s	1.47um	5.7Msz		DLF	129.54	344	ePKP	21	09.30	0.3	
CMB	90.88	52	P	15	10.00	6.1X				PP	22	42.58		DCN	129.69	345	ePKP	21	10.20	0.8
	Z	21s	3.36um			5.7Msz	BRG	123.37	330	iPKPd	20	57.60	0.3	DIX	129.79	329	ePKPd	21	10.30	0.1
CMB	90.88	52	P	15	03.76	-0.2			0.9s	35.00nm			EMS	130.04	329	ePKPd	21	11.90	1.4X	

26d 06h

LPB	0.7s	13.80nm	133.94	119	PKP	21	10.00	-9.1X
					i	21	21.00	
					PKS	24	52.00	
					LR	05	50.00	
BCAO	134.47	271	ePKPc	21	03.00	-16.7X		
	0.5s	16.00nm						
					ic	21	12.00	
					id	21	19.00	
EPF	135.49	331	ePKP	21	20.70	-0.1		
TOV	137.58	82	ePKP	21	11.00	-14.6X		
ETOR	138.33	331	ePKP	21	16.10	-10.2X		
ECHE	138.72	329	ePKP	21	17.40	-9.6X		
STS	139.37	339	ePKP	21	24.40	-3.6X		
GUD	139.46	333	ePKP	21	20.00	-8.4X		
SIV	140.17	123	ePKP	21	25.00	-5.2X		
EVIA	140.23	329	ePKP	21	22.10	-7.7X		
PAB	140.42	332	ePKP	21	30.00	-0.1		
EBAN	141.24	330	ePKP	21	25.00	-6.5X		
ENIJ	141.32	327	iPKPc	21	25.00	-6.7X		
ELUO	141.94	330	ePKP	21	27.50	-5.4X		
EGUA	142.14	328	ePKP	21	27.40	-5.8X		
EHOR	142.22	331	iPKPc	21	28.60	-4.6X		
MAL	142.66	329	iPKPd	21	29.50	-4.5X		
EPRU	142.89	330	iPKPc	21	30.80	-3.7X		
EVAL	143.11	332	iPKPc	21	31.90	-2.9X		
EJIF	143.41	330	iPKPc	21	32.00	-3.3X		
CNIL	143.76	331	ePKP	21	34.00	-1.9		
PLAT	143.81	330	ePKP	21	34.00	-2.0		
TCE	145.41	79	ePKP	21	38.23	-1.1		
IFR	145.48	326	iPKPd	21	41.00	1.8		
SVB	145.55	75	ePKP	21	37.02	-2.5X		
VAO	145.61	146	iPKPd	21	40.60	1.0		
					e	21	53.80	
TPP	145.74	80	ePKP	21	39.70	-0.1		
TRN	145.75	79	ePKP	21	39.07	-0.8		
TBH	146.10	80	ePKP	21	42.24	1.8		
AVE	146.87	329	ePKP	21	44.00	2.8X		
					i	22	02.00	
TIO	148.62	326	iPKP	21	45.50	1.2		
					i	21	52.50	
BAO	150.50	136	PKPc	21	48.50	1.0		
					e	21	50.10	
					e	21	53.90	
					e	22	00.20	
					e	22	04.90	
					e	22	09.30	
					e	22	23.90	
					e	22	32.10	
					e	22	39.40	
					e	23	29.10	
					e	23	39.00	
					e	23	41.00	
ANTZ	151.94	326	iPKPc	21	50.00	0.8		
					i	21	56.50	
KIC	157.68	273	PKP	21	57.20	-0.1		
TIC	157.96	274	PKP	21	57.80	0.2		
LIC	157.97	273	PKP	21	57.60	0.0		
	Z 20s	0.90um				5.6msz		
	S.D. = 0.9	on 293 of 349 obs.						
%								
DEC 26, 1992 06h 44m 07.99± 2.30s								
39.311 N ±19.6km 28.767 E ±16.3km								
DEPTH = 10.0km (geophysicist)								
TURKEY (366)								
MD 2.9 (ISK).								
DST	0.31	340	iPg	44	13.70	-0.8		
			eSg	44	19.00			
KCT	0.99	341	iPn	44	26.30	-0.5		
ALT	1.07	103	ePn	44	28.10	-0.2		
EDC	1.25	326	ePn	44	32.00	0.9		
YLV	1.34	20	ePn	44	33.30	0.6		
	S.D. = 1.0	on 5 of 5 obs.						
%								
DEC 26, 1992 06h 45m 49.23± 2.43s								
39.242 N ±19.0km 28.706 E ±15.4km								
DEPTH = 10.0km (geophysicist)								
TURKEY (366)								
MD 2.9 (ISK).								
DST	0.37	351	iPg	45	56.90	0.1		
			eSg	46	00.80			
KCT	1.04	345	iPg	46	08.80	-0.1		
ALT	1.11	99	ePg	46	10.10	0.0		
			eSg	46	25.10			
EDC	1.28	330	ePn	46	13.00	0.0		

YLV	1.42	21	ePn	46	15.00	-0.1		
EYL	1.73	40	ePn	46	19.70	0.1		
	S.D. = 0.1	on 6 of 6 obs.						
?								
DEC 26, 1992 06h 46m 39.15± 2.77s								
38.279 N ±15.5km 15.606 E ±22.7km								
DEPTH = 142.5 ± 28.1 km								
SICILY (398)								
MSI	0.08	208	Pc	46	57.60	-0.7		
			eSg	47	09.40			
ATN	0.16	224	Pc	46	57.80	-0.7		
			eSg	47	10.00			
SOI	0.41	120	Pc	47	00.20	0.8		
MNO	0.80	244	Pc	47	02.30	0.2		
MEU	1.29	205	P	47	06.40	0.0		
TDS	1.49	22	P	47	09.00	0.6		
MGR	1.86	359	Pc	47	13.00	0.5		
BRT	2.87	25	P	47	24.20	-1.0		
			eSn	47	58.10			
	S.D. = 0.9	on 8 of 8 obs.						
DEC 26, 1992 06h 55m 30.96± 0.66s								
13.306 N ± 5.6km 145.085 E ± 7.3km								
DEPTH = 85.0 ± 5.7 km								
4.9mb (21 obs.)								
MARIANA ISLANDS (216)								
Felt (111) on Guam.								
GUA	0.29	324	eP	55	43.70	-0.2		
			eS	55	53.10			
PJG	0.35	323	eP	55	44.50	0.2		
MAT	23.95	346	eP	00	36.00	-2.3		
	1.3s	28.85nm				4.5mb		
CTA	33.20	178	P	02	02.29	0.5		
WB2	34.69	198	iPd	02	13.80	-0.8		
	0.7s	23.80nm				5.2mb		
WRA	34.69	198	P	02	14.10	-0.6		
BJI	36.80	322	eP	02	32.00	-0.2		
TIY	37.88	316	Pc	02	42.80	1.4		
ASPA	38.34	197	eP	02	44.90	-0.5		
	0.5s	10.10nm				5.0mb		
			i	04	13.70			
XAN	38.73	308	P	02	49.00	0.3		
	0.8s	5.50nm				4.5mb		
RMO	39.72	175	iPd	02	56.10	-0.6		
	1.0s	41.00nm				5.3mb		
HHC	40.12	319	eP	03	01.00	0.9		
	1.4s	26.00nm				4.9mb		
DZM	40.93	149	iPc	03	06.50	-0.3		
MBL	42.29	216	eP	03	02.60	-15.3X		
WARB	43.16	205	iPc	03	25.70	0.7		
LZH	43.36	309	Pd	03	28.00	1.3		
	1.5s	32.00nm				4.9mb		
			pP	03	49.00	88kmX		
NNT	44.16	274	eP	03	31.70	-1.5		
STK	45.05	184	eP	03	39.10	-1.0		
	0.7s	7.20nm				4.6mb		
NANU	45.93	219	eP	03	48.00	0.9		
GTA	47.52	312	eP	04	01.00	1.3		
	1.0s	10.00nm				4.7mb		
BFD	50.27	183	iPc	04	20.60	0.0		
	1.0s	35.00nm				5.3mb		
TOO	50.61	180	iPc	04	24.00	0.8		
	0.4s	28.00nm				5.6mb		
GUN	56.80	295	P	05	06.00	-3.4X		
PKI	57.21	294	P	05	12.00	-0.3		
KKN	57.33	295	P	05	15.00	2.0		
DMN	57.48	294	P	05	14.20	0.1		
WMQ	57.48	314	Pd	05	14.00	0.3		
	1.0s	14.00nm				5.0mb		
			PcP	06	06.00			
GKN	57.90	295	P	05	17.00	0.1		
SLKM	66.13	29	eP	06	09.01	-2.1		
FBA	68.39	25	eP	06	22.42	-2.8X		
	0.7s	2.44nm				4.2mb		
LGPM	82.97	50	eP	07	48.74	0.4		
			ePp	08	06.21	63kmX		
YKA	83.01	27	eP	07	46.40	-1.5		
	0.8s	5.80nm				4.6mb		
LBFM	83.58	49	eP	07	53.00	1.5		
ORV	84.25	51	eP	07	55.00	0.4		
			ePp	08	12.60	63kmX		
NEW	85.30	42	eP	07	59.52	-0.3		
	0.9s	16.45nm				5.0mb		
			ePp	08	16.75	61kmX		
BCH	86.33	55	eP	08	05.70	0.5		

BONR	87.05	52	eP	08	23.18	62kmX
TNP	87.85	51	eP	08	09.18	0.3
	0.7s	2.13nm		08	12.31	-0.3
			eP	08	29.55	4.3mb
GSC	88.90	54	eP	08	17.76	61kmX
			eP	08	19.70	0.2
PEC	88.99	56	eP	08	34.65	59km
	1.0s	6.67nm		08	19.00	1.1
			eP	08	36.20	4.8mb
LCCM	89.43	43	eP	08	19.70	60kmX
OBN	89.44	327	ePc	08	18.00	-0.2
	1.0s	42.00nm		08	18.00	-1.5
HHA1	89.89	45	eP	08	22.82	5.6mb
DUG	90.53	49	eP	08	25.26	0.7
	1.0s	4.71nm		08	25.26	0.1
			eP	08	42.59	4.7mb
ARUT	90.80	51	eP	08	27.23	61kmX
			eP	08	44.48	0.8
PV10	93.90	49	eP	08	40.49	61kmX
			eP	08	57.56	-0.3
RSSD	95.23	43	eP	08	47.00	60kmX
GLD	96.16	47	eP	08	51.97	0.2
	0.8s	6.43nm		08	51.97	0.9
NAO	97.67	339	P	08	54.60	5.2mb
	0.9s	4.00nm		08	54.60	-2.6
KSP	102.11	330	ePdiff	08	58.30	4.9mb
			e	09	08.30	-19.0X
GEC2	104.68	329	Pdiff	09	14.40	-14.5X
GEC2	104.68	329	Pdiff	09	09.50	-19.4X
KIC	144.23	301	PKP	14	58.00	-1.6
TIC	144.30	302	PKP	14	58.20	-1.5
LIC	144.54	301	PKP	14	58.90	-1.2
KDS	145.83	318	iPKPd	15	03.30	1.0
CYA	147.58	123	ePKPc	15	05.70	0.9
LPB	147.80	100	ePKP	15	06.00	0.1
CNCB	147.90	100	PKP	15	07.80	1.5
SIV	154.56	99	PKP	15	28.80	13.4X
S.D. = 1.1 on 53 of 60 obs.						

DEC 26, 1992 07h 02m 07.43± 0.77s						
43.677 N ± 7.1km 18.669 E ± 6.7km						
DEPTH = 10.0km (geophysicist)						
NORTHWESTERN BALKAN REGION (383)						
ML 2.7 (TTG).						

PLE	0.63	123	iPgc	02	19.62	-0.6
			iSg	02	28.29	
BRY	0.78	187	iPg	02	21.86	-0.9
			iSg	02	33.40	
NKY	0.90	164	iPg	02	24.27	-0.4
			iSg	02	36.76	
IVA	1.21	131	iPgc	02	29.80	-0.1
			iSg	02	46.80	
HCY	1.23	186	iPgc	02	30.39	0.0
			iSg	02	48.63	
TTG	1.32	161	iPgc	02	31.73	-0.1
			iSg	02	50.90	
BDV	1.40	175	iPg	02	33.44	0.5
			iSg	02	53.47	
PVY	1.44	138	iPgc	02	34.13	0.4
			iSg	02	54.84	
HVAR	1.69	254	iPnc	02	37.10	-0.1
			iSn	03	00.60	
			iSg	03	02.80	
ULC	1.76	166	iPnd	02	39.52	1.3
			iSn	03	04.57	
PTJ	2.94	320	ePn	02	55.10	-0.1
			e	03	32.10	
OHR	3.01	148	ePn	03	00.50	4.4X
S.D. = 0.6 on 11 of 12 obs.						

? DEC 26, 1992 07h 33m 19.03± 3.69s						
37.207 N ±20.4km 24.189 E ±30.7km						
DEPTH = 10.0km (geophysicist)						
SOUTHERN GREECE (368)						
ML 3.3 (ATH).						

ATH	0.85	334	iPbd	33	34.40	-1.0
			eSb	33	43.50	
VLI	1.11	244	ePb	33	39.10	-0.8
VLS	3.01	290	ePb	34	09.60	1.9
OUR	3.13	357	eP	34	09.68	0.5
LIT	3.18	336	eP	34	09.08	-1.0
SOH	3.67	350	eP	34	18.28	1.2
GRG	3.99	340	eP	34	20.40	-1.2
			eS	35	01.60	

KNT 4.07 346 eP 34 22.68 0.0
eS 35 07.04
FNA 4.19 329 eP 34 24.84 0.4
eS 35 10.76
S.D. = 1.3 on 9 of 9 obs.

? DEC 26, 1992 07h 36m 25.77±2.94s
19.041 N ±33.6km 108.372 W ±14.4km
DEPTH = 10.0km (geophysicist)
3.9mb (6 obs.)

REVILLA GIGEDO ISLANDS REGION (53)

GLA 15.10 339 eP 40 01.05 0.1
PLM 16.15 334 eP 40 15.26 0.6
PEC 16.74 334 eP 40 22.66 0.7
1.1s 8.74nm 3.8mb
GSC 17.84 337 eP 40 36.61 0.9
BCH 19.14 330 eP 40 50.77 -1.0
e 41 02.10
ARUT 19.20 348 eP 40 52.97 0.4
PV10 19.28 358 eP 40 52.05 -1.7
SRU 20.09 355 eP 41 01.48 -1.1
TNP 20.48 340 eP 41 06.27 -0.4
0.8s 4.61nm 3.9mb
MEMM 20.73 336 eP 41 09.41 0.5
e 41 12.95
BONR 20.74 337 eP 41 09.48 0.0
EMUT 20.81 355 eP 41 10.36 0.2
GLD 20.82 7 eP 41 10.62 0.5
1.3s 14.77nm 4.2mb
DUG 21.43 351 eP 41 16.79 0.5
1.1s 13.93nm 4.3mb
DAU 21.44 354 eP 41 16.03 -0.6
ARN 21.57 330 eP 41 16.19 -1.5
KVN 21.65 339 eP 41 19.28 0.7
OLY 22.18 39 eP 41 24.19 0.5
HHA1 24.42 353 eP 41 45.38 -0.2
LBFM 25.05 335 eP 41 53.22 1.3
RSSD 25.27 7 eP 41 55.29 1.4
0.9s 2.79nm 4.0mb
LCCM 26.88 355 eP 42 08.20 -0.6
YKA 43.63 356 eP 44 30.60 -1.2
0.7s 0.60nm 3.5mb
S.D. = 0.9 on 23 of 23 obs.

? DEC 26, 1992 07h 51m 38.16±0.98s
39.239 N ±9.6km 27.864 E ±14.7km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

DST 0.70 58 ePg 51 52.00 0.1
eSg 52 03.00
IZM 0.96 209 ePn 51 56.50 0.0
KCT 1.08 20 iPn 51 58.30 -0.1
EDC 1.11 360 ePn 51 59.00 0.1
S.D. = 0.2 on 4 of 4 obs.

? DEC 26, 1992 07h 58m 49.24±5.26s
39.217 N ±39.8km 28.833 E ±17.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.9 (ISK).

DST 0.42 338 iPg 58 57.80 0.0
iSg 59 02.60
KCT 1.09 341 iPn 59 09.80 0.0
BNT 1.34 329 ePn 59 14.00 0.1
EDC 1.35 327 ePn 59 14.00 -0.1
YLV 1.41 17 ePn 59 15.00 0.0
S.D. = 0.1 on 5 of 5 obs.

? DEC 26, 1992 09h 17m 01.65±5.31s
32.471 S ±29.9km 71.971 W ±32.0km
DEPTH = 19.3 ±8.1 km
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.95 122 iPd 17 19.30 -0.2
iS 17 28.43
LCCH 1.06 161 eP 17 21.35 0.2
iS 17 31.02
JACH 1.18 101 iP 17 23.37 0.1
iS 17 37.26
PEL 1.27 122 iPd 17 24.27 -0.2
iS 17 37.87
TACH 1.46 144 iPd 17 26.85 -0.3
iS 17 41.20

LNV 1.55 163 iP 17 28.14 -0.2
iS 17 44.54
FCH 1.65 122 iPd 17 30.29 0.1
iS 17 47.87
PCH 1.68 134 iP 17 30.39 0.1
CHCH 1.83 143 eP 17 33.04 0.6
S.D. = 0.3 on 9 of 9 obs.

? DEC 26, 1992 09h 43m 24.62±1.06s
8.631 S ±18.0km 121.968 E ±15.3km
DEPTH = 149.2 ±23.0 km
4.6mb (1 obs.)

FLORES REGION, INDONESIA (286)
Felt in the Maumere area.

WSI 1.95 238 ePd 43 59.00 -0.5
eS 44 29.50
KUG 2.21 133 eP 44 03.00 0.4
eS 45 49.00
e 47 22.00
KUPT 2.21 133 eP 44 03.00 0.4
eS 45 49.00
MKS 4.20 324 iPd 44 28.50 0.3
MTN 9.93 116 eP 45 43.20 -1.6
0.4s 125.00nm 5.9mb X
eS 47 30.00
WB2 16.43 135 eP 47 09.10 1.0
eS 49 58.00
ASPA 18.82 144 iPc 47 41.70 6.2X
0.7s 20.40nm 4.6mb
eS 51 03.60
S.D. = 1.5 on 6 of 7 obs.

& DEC 26, 1992 10h 40m 15.19s
39.953 N 120.825 W
DEPTH = 12.6km
NORTHERN CALIFORNIA (36)
<GM-P>. MD 3.0 (GM).

ORV 0.65 233 ePc 40 27.26 -0.7
LMEM 0.82 316 eP 40 30.50 -0.4
LBFM 1.61 330 ePc 40 44.68 1.1
LGPM 1.80 303 eP 40 45.48 -0.9
CMB 1.95 170 ePc 40 49.01 0.7
KVN 2.29 112 (P) 40 54.24 0.7
ARN 2.66 192 eP 40 59.31 0.8
MEMM 2.72 147 ePn 41 02.59 3.3
ePg 41 05.29
MMPM 2.73 148 ePn 41 01.67 1.8
ePg 41 05.15
BONR 2.80 135 ePn 41 01.35 0.5
ePg 41 07.13
TNP 3.37 122 (Pn) 41 09.24 0.4
11 obs. associated

? DEC 26, 1992 11h 14m 23.06±6.02s
32.445 S ±35.9km 71.980 W ±30.4km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.4 (SAN).

ROCH 0.97 123 iPd 14 41.44 -0.2
iS 14 50.46
LCCH 1.08 162 iP 14 43.71 0.3
iS 14 53.44
JACH 1.20 102 iP 14 45.71 0.3
iS 14 58.50
PEL 1.29 123 iP+ 14 47.00 -0.1
iS 14 59.26
TACH 1.49 144 iP 14 49.12 -0.8
iS 15 03.32
LNV 1.58 163 iP 14 50.81 -0.3
iS 15 07.27
FCH 1.67 122 iPd 14 52.59 -0.2
iS 15 10.28
PCH 1.70 134 iP 14 53.07 0.1
iS 15 11.58
CHCH 1.86 143 eP 14 55.00 -0.2
iS 15 15.14
CACH 2.03 146 eP 14 59.01 1.2
iS 15 21.18
S.D. = 0.6 on 10 of 10 obs.

? DEC 26, 1992 11h 23m 05.66±6.70s
31.123 S ±43.3km 68.562 W ±44.3km
DEPTH = 110.2 ±53.0 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.22 159 iPc 23 21.40 -0.3
S 23 32.50
RTCB 0.42 209 iPd 23 22.60 0.2
S 23 35.00
CFA 0.56 150 ePc 23 23.50 0.3
S 23 36.20
RTCV 0.74 178 iPd 23 24.40 -0.3
(S) 23 37.50
TCA 3.41 95 i(P) 23 58.00 0.0
S 24 37.00
S.D. = 0.5 on 5 of 5 obs.

DEC 26, 1992 11h 44m 50.28±0.18s
36.394 N ±3.9km 71.238 E ±2.6km
DEPTH = 87.1km (22 depth phases)
5.1mb (70 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG. (717)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 38C
Centroid Location:
Origin Time 11:44:55.4 0.3
Lot 36.22N 0.04 Lon 70.78E 0.03
Dep 93.8 2.1 Half-duration 1.1
Moment Tensor: Scale 10**16 Nm
Mrr= 9.41 0.30 Mtt=-2.22 0.50
Mff=-7.19 0.50 Mrt=-0.39 0.37
Mrf=-7.41 0.55 Mtf=-8.61 0.55
Principal Axes:
T Val= 12.85 Plg=62 Azm= 63
N 2.41 23 207
P -15.26 14 304
Best Double Couple: Mo=1.4*10**17
NP1:Strike= 63 Dip=37 Slip= 132
NP2: 195 63 64

KSH 4.84 49 P 46 04.00 1.8
S 46 57.50
FRU 6.94 21 iPnd- 46 31.40 0.2
QUE 7.15 211 eP 46 33.70 -0.6
eS 47 57.40
PRZ 8.22 40 iPnd- 46 49.00 0.0
TLG 8.33 33 ePn 46 48.00 -2.3
NDI 9.19 145 iPc 46 58.40 -3.7X
0.6s 143.33nm 6.0mb
iS 48 34.00
MAIO 9.48 273 iPd 47 01.20 -4.8X
0.8s 84.19nm 5.7mb
eS 48 40.00
ASH 10.40 282 eP 47 12.00 -6.4X
0.9s 220.00nm 6.1mb
KAT 12.17 288 iP+ 47 35.50 -6.4X
GKN 14.08 123 Pc 48 02.32 -4.8X
WMQ 14.60 54 iPc 48 11.00 -2.7X
1.5s 120.00nm 4.9mb
Z 10s 1.53um

PP 48 28.00
sP 48 38.00
ScP 56 50.00
ScS 00 22.00
DMN 14.65 123 Pc 48 09.80 -4.8X
KKN 14.66 122 Pc 48 09.16 -5.5X
PKI 14.89 122 Pc 48 12.46 -5.2X
GUN 15.00 120 Pc 48 13.60 -5.5X
0.4s 154.00nm 5.6mb
SEM 15.45 22 ePd 48 20.80 -3.5X
2.0s 123.00nm 4.8mb
eS 51 04.00
TEH 16.07 274 e(P) 48 42.00 9.6X
BRVK 16.68 358 iPd 48 36.00 -3.7X
iS 51 45.00
SHI 17.06 252 eP 48 44.00 -0.8
POO 17.94 172 eP 48 55.00 -0.5
LSA 17.96 106 Pd 48 54.00 -2.2
0.9s 5.60nm 3.8mb X
Z 12s 2.69um 4.6mszX
KER 19.78 271 eP 49 20.00 3.9X
ELT 19.87 27 iPc 49 14.60 -2.1
1.6s 461.00nm 5.6mb
eS 52 41.00
TAB 19.89 282 eP 49 23.00 5.7X
HYB 19.98 159 iPc 49 18.70 0.5
e 49 36.00 88km
eS 52 44.00
SHL 20.69 116 iP 49 24.00 -1.5
iS 53 01.00
GRO 20.76 297 iPd- 49 26.50 0.6

	2.0s	1440.00nm		6.0mb		N 18s	2.22um					e	54 47.50		
		iP	49 53.00	143kmX		E 18s	3.19um				CN2	41.49	62 eP	52 30.00 0.0	
		iS	53 10.00				pP	51 28.00	88km			1.0s	12.00nm	4.7mb	
MTA	21.17	293 iPd-	49 31.00	1.0			S	56 12.00				Z 18s	0.89um	4.7Msz	
		iPPP	50 01.00				sS	56 48.00				N 10s	0.60um		
		iS	53 19.20				SS	58 10.00				E 10s	0.32um		
		iSS	53 56.00			KHT	32.54	124 eP	51 15.00 0.0				epP	52 50.00 83km	
		iSSS	54 14.00				e	05 05.70					eS	58 43.00	
SVE	21.63	344 iPd	49 34.00	-0.5		TIY	32.72	75 Pc	51 17.00 0.5				eSS	01 45.00	
	2.1s	100.00nm		4.8mb			1.0s	80.00nm			SSE	41.50	82 Pc	52 30.00 -0.2	
	Z 14s	2.50um		4.8MszX			Z 20s	1.50um				1.4s	67.00nm	5.3mb	
	N 14s	1.60um					N 14s	2.33um				Z 20s	0.90um	4.6Msz	
	E 14s	1.20um						sP	51 47.00			N 14s	0.70um		
		eS	53 26.00				S	56 30.00					pP	52 48.00 73kmX	
ARU	21.76	341 eP	49 35.00	-0.8			PcS	57 39.00					sP	53 05.00	
		e	50 04.50	152kmX		NST	32.96	121 eP	51 26.00 7.3X				S	58 40.00	
		eS	53 35.00			KIS	33.00	302 eP	51 19.00 0.3		GTK1	41.79	336 eP	52 31.89 -0.3	
		e	54 14.00				e	51 39.00	86km			IPM	41.85	132 ePc	52 34.00 0.7
		eSS	54 22.00			ELL	33.01	283 eP	51 20.50 1.4			PTJ	41.95	301 eP	52 40.20 6.3X
GTA	22.71	74 iP	49 47.00	1.6		CIT	33.60	49 eP	51 32.50 8.5X			PRU	42.51	307 eP	52 39.10 0.8
	1.2s	36.00nm		4.6mb		CLI	34.07	301 ePc	51 29.50 1.4			Z 16s	1.00um	4.8MszX	
	Z 18s	2.28um		4.7Msz		NRI	34.33	10 ePc	51 30.00 0.0				e	53 01.60 95km	
	E 10s	0.70um					i	51 49.00	80km				e	54 22.30	
		sP	50 15.00				i	52 52.00			BRG	42.84	308 iP	52 40.40 -0.6	
PYA	22.76	298 iPc	49 46.00	0.3			i	53 15.00				1.4s	34.00nm	5.0mb	
	Z 18s	4.00um		4.9Msz		VRI	34.45	300 ePc	51 29.00 -2.3X				e	53 10.00 131kmX	
	N 18s	2.50um				ISR	34.58	299 eP	51 22.00 -10.5X		GEC2	43.15	305 P	52 44.00 0.3	
	E 18s	3.00um				MNK	34.76	314 eP	51 33.00 -0.8			1.0s	2.22nm	4.0mb X	
		i	50 08.00	103kmX			Z 20s	1.10um	4.6Msz				e	52 51.00 23kmX	
		iPPP	50 35.00			CVO	34.83	300 ePc	51 35.00 0.4				e	53 06.80	
		eS	53 52.00			NNT	34.89	125 eP	51 36.70 1.4				e	53 12.60	
GBA	23.36	165 P	49 53.10	1.4		MLR	35.00	299 ePc	51 38.00 1.8				e	53 16.60	
		S	54 31.10			BJI	35.21	70 eP	51 38.50 0.7				e	58 13.60	
MOY	26.05	45 eP	50 18.00	1.2			1.5s	120.00nm	5.6mb		KHC	43.20	306 P	52 45.40 1.4	
	1.4s	100.00nm		5.2mb			Z 20s	1.50um	4.7Msz			1.5s	12.50nm	4.5mb	
LZH	26.24	81 Pc													

HAU	48.11	305 eP	53 22.50	-0.5	0.9s	17.90nm	5.0mb	48.416 N ±17.4km	7.736 E ±12.6km
	1.9s	123.80nm		5.5mb	81.78	122 iPc	56 59.70	-1.2	DEPTH = 10.0km (geophysicist)
Z	21s	0.40um		4.4msz	0.3s	14.70nm		5.3mb	FRANCE
EMS	48.12	303 ePc	53 23.50	0.3		i	57 21.90	83km	ML 2.1 (LDG).
VITF	48.31	306 P	53 44.02	19.5X	ASPA	84.03 125 eP	57 10.60	-1.8	
LPG	48.37	302 eP	53 25.30	0.0		0.7s	7.80nm	4.8mb	WLS
	0.8s	10.05nm		4.8mb	FCC	84.41 352 eP	57 17.50	3.7X	Sg
LPL	48.38	302 eP	53 25.10	-0.2	CTA	90.32 115 P	57 45.00	2.1	CDF
	0.4s	4.00nm		4.7mb	ULM	92.98 352 eP	57 58.00	3.2X	Sg
KUMJ	48.61	76 eP	53 27.20	0.3	NEW	95.39 6 eP	58 06.17	0.2	ECH
DOU	48.86	308 P	53 32.90	4.3X		0.9s	9.01nm	5.2mb	Sg
SNF	48.98	309 P	53 30.40	0.9	SIV	133.17 283 ePKP	04 01.00	3.1X	FEL
KAGJ	49.17	78 eP	53 30.90	-0.4		i	04 24.00		MOF
LBF	49.90	304 eP	53 36.10	-0.6	LPB	138.95 288 ePKP	04 09.00	-0.3	Sg
	0.4s	2.75nm		4.6mb	CNC8	139.02 287 ePKP	04 09.00	-0.6	BSF
LOR	49.92	305 eP	53 35.90	-0.9	MDZ	147.14 264 e(PKP)	04 28.50	6.0X	Sg
Z	22s	0.40um		4.4msz		S.D. = 1.0 on 142 of 184 obs.			HAU
SMF	50.07	304 eP	53 37.50	-0.5					Sg
	0.7s	9.80nm		4.9mb	* DEC 26, 1992 12h 02m 01.79±1.06s				LOR
SSF	50.20	305 eP	53 38.40	-0.5		21.036 N ±30.2km 94.782 E ±21.9km			Sg
AVF	50.36	304 eP	53 39.50	-0.7	DEPTH = 120.1 ± 10.7 km				SMF
	0.7s	9.70nm		4.9mb	4.0mb (3 obs.)				AVF
BGF	50.76	304 eP	53 42.60	-0.6	MYANMAR		(296)		BGF
KKM	50.99	115 ePd	53 47.00	1.6	CHG	4.50 119 iPn	03 09.00	0.0	S.D. = 0.4 on 8 of 11 obs.
MAF	51.03	304 eP	53 45.10	-0.2		eSg	04 11.80		* DEC 26, 1992 13h 58m 27.40±1.96s
	1.0s	12.40nm		4.9mb	SHL	5.24 330 iPn	03 19.50	0.3	40.481 N ± 7.4km 127.357 W ±18.1km
TCF	51.25	304 eP	53 46.80	-0.2		iSn	04 14.00		DEPTH = 10.0km (geophysicist)
	0.6s	5.75nm		4.8mb	GUN	10.61 312 P	04 32.06	0.0	3.7mb (2 obs.)
CAF	51.72	302 eP	53 50.40	-0.1	PKI	10.74 309 P	04 33.70	-0.1	OFF COAST OF NORTHERN CALIFORNIA(34)
	0.7s	6.05nm		4.7mb	KKN	10.96 310 P	04 36.16	-0.4	ML 3.8 (BRK).
LSF	51.72	304 eP	53 49.70	-0.8	DMN	10.98 308 P	04 37.08	0.2	
RJF	51.98	303 eP	53 52.60	0.1	GKN	11.55 309 P	04 44.22	0.0	
Z	22s	0.32um		4.3msz	HFS	67.58 328 eP	12 46.70	-0.4	KMPM
LDF	52.20	307 eP	53 53.00	-1.0		0.4s	1.20nm	4.1mb	ARC
FLN	52.38	308 eP	53 54.40	-1.0	GEC2	68.68 316 Pd	12 55.30	1.0	eS
	0.5s	5.85nm		4.9mb		0.5s	1.05nm	4.0mb	FHC
Z	20s	0.45um		4.5msz	NAO	68.94 329 P	12 55.00	-0.5	eS
EKA	52.50	316 Pc	53 55.00	-1.2		0.7s	1.30nm	3.9mb	LGPM
	1.0s	20.80nm		5.1mb	S.D. = 0.5 on 10 of 10 obs.				WDC
LFF	52.61	303 eP	53 56.90	-0.3	% DEC 26, 1992 12h 33m 52.32±0.70s				eS
YSS	52.69	55 eP	53 55.00	-2.6	39.307 N ± 6.0km 28.767 E ± 5.4km				NTYM
	1.3s	30.00nm		5.2mb	DEPTH = 10.0km (geophysicist)				L8FM
		e	54 17.00	89km	TURKEY		(366)		MIN
GRR	52.72	307 eP	53 56.80	-1.1	MD 3.0 (ISK).				LMEM
	0.8s	13.05nm		5.0mb					ORV
MFF	52.74	305 eP	53 57.20	-0.9	DST	0.32 340 iPg	33 58.70	-0.2	ZSP
MAT	52.81	68 iPc	53 57.40	-1.4		eSg	34 03.70		8KS
	1.2s	42.19nm		5.3mb	KCT	0.99 342 iPg	34 11.30	0.2	eS
		eS	01 20.00		ALT	1.07 103 ePg	34 12.90	0.3	JEGM
LPF	52.93	307 eP	53 58.30	-1.2	BNT	1.23 328 ePn	34 15.00	-0.3	PCC
TSM	53.39	115 eP	54 03.00	-0.1	EDC	1.25 326 ePn	34 16.00	0.5	GCC
MGD	54.23	37 eP	54 12.00	3.2X	YLV	1.34 20 ePn	34 17.30	0.2	MHC
DAG	54.91	344 eP	54 13.00	-0.6	IZM	1.48 233 ePn	34 19.00	-0.1	
	0.9s	65.55nm		5.7mb	GPA	1.54 50 ePn	34 19.20	-0.7	ARN
DMU	54.95	315 eP	54 17.00	2.8X	EYL	1.65 40 ePn	34 21.70	0.2	SAO
LWI	55.10	235 ePd	54 33.10	17.1X		S.D. = 0.4 on 9 of 9 obs.			eS
DCN	55.31	314 eP	54 16.00	-0.8	? DEC 26, 1992 13h 04m 24.88±5.52s				CMB
DAV	57.37	107 eP	54 29.90	-2.0	32.538 S ±32.0km 71.946 W ±29.1km				LLA
BCAO	57.80	250 iPd	54 33.00	-2.0	DEPTH = 10.0km (geophysicist)				PRI
	0.2s	20.00nm		5.9mb	NEAR COAST OF CENTRAL CHILE (135)				VGB
		ic	54 35.10	7kmX	MD 3.7 (SAN).				MMPM
		id	55 09.90						MEMM
BRW	67.36	15 eP	55 37.50	0.0	ROCH	0.90 119 iPd	04 42.35	0.1	7.13 111 (P)
RES	68.82	356 eP	55 48.50	2.0		iS	04 54.53		00 16.95 2.8
NANU	72.03	137 eP	56 06.00	-0.6	LCCH	0.99 161 iPd	04 43.30	-0.3	00 18.07 -0.6
IMA	72.17	18 eP	56 05.99	-1.1	JACH	1.15 98 iPd	04 46.34	-0.1	00 21.81 2.5
	1.0s	9.16nm		4.6mb		iS	05 01.78		SRU
MBL	73.38	133 eP	55 58.50	-16.0X	PEL	1.22 120 iPd	04 47.65	0.0	SV10
SLR	73.89	220 iPc	56 05.00	-12.6X		iS	05 03.04		14.32 93 (P)
	1.0s	15.00nm		5.0mb	TACH	1.40 143 iPd	04 50.28	-0.1	GLD
TTA	74.06	20 eP	56 18.02	-0.1		iS	05 08.08		16.95 85 (P)
	1.4s	15.74nm		4.7mb	LNV	1.48 163 iP	04 51.53	0.0	1.1s 8.96nm 3.8mb
FBA	74.52	16 ePc	56 19.67	-0.9		iS	05 10.44		22.33 91 iPd
	1.1s	24.16nm		5.0mb	FCH	1.60 120 iPd	04 53.45	-0.1	YKA
KIC	74.97	267 P	56 22.40	-1.6		iS	05 14.36		23.34 15 eP
	0.5s	4.00nm		4.6mb	PCH	1.62 132 iP+	04 53.77	0.2	1.1s 2.10nm 3.6mb
TIC	75.03	267 P	56 22.80	-1.6		iS	05 14.68		23.43 95 iPc
LIC	75.28	267 P	56 24.00	-1.8	CHCH	1.76 142 iP	04 55.32	-0.4	S.D. = 1.2 on 29 of 32 obs.
Z	20s	0.22um		4.5msz		iS	05 18.23		DEC 26, 1992 14h 51m 32.03±1.13s
BGL	76.41	20 eP	56 30.85	-0.7	CACH	1.94 145 eP	04 59.16	0.9	40.401 N ± 5.2km 127.404 W ±10.9km
PWA	76.77	19 eP	56 33.60	0.3		iS	05 24.93		DEPTH = 10.0km (geophysicist)
8LF	77.71	219 iPd	56 38.00	-0.5		S.D. = 0.4 on 10 of 10 obs.			4.1mb (7 obs.)
	0.9s	23.08nm		5.1mb					OFF COAST OF NORTHERN CALIFORNIA(34)
FRS	78.67	220 eP	56 39.00	-5.1X					ML 3.9 (BRK).
BALM	79.12	16 eP	56 45.86	-0.6					KMPM
YKA	81.34	3 eP	56 58.50	0.5					ARC
					DEC 26, 1992 13h 18m 07.75±2.60s				2.51 89 ePn
									ePg
									2.58 78 eP
									eS
									52 17.15 2.7X
									52 43.05
									52 13.99 -1.4

26d 14h

LGPM	3.52	80	ePn	52 26.17	-1.8
			ePg	52 32.19	
			eS	53 01.71	
WDC	3.71	86	ePn	52 30.00	-0.7
NTYM	4.19	117	ePn	52 37.99	0.7
LBFM	4.29	75	ePnc	52 39.39	0.4
MIN	4.43	89	eP	52 41.41	0.4
LMEM	4.45	86	ePn	52 42.55	1.3
ORV	4.61	99	iPd	52 44.98	1.5
ZSP	4.69	120	iPd	52 44.96	0.4
BKS	4.74	120	iPd	52 44.74	-0.6
JEGM	4.81	125	eP	52 46.15	-0.1
PCC	4.87	125	eP	52 46.30	-0.7
GCC	5.40	127	eP	52 54.63	0.0
MHC	5.44	122	ePd	52 54.47	-0.7
			eS	53 57.42	
ARN	5.50	122	ePn	52 55.64	-0.4
SAO	5.91	126	eP	53 01.22	-0.5
CMB	5.94	111	ePc	53 04.09	1.9
PRS	6.24	129	iPd	53 06.37	-0.1
LLA	6.32	125	iPd	53 07.11	-0.4
SHW	6.91	31	ePn	53 15.28	-0.6
VGB	7.05	41	ePn	53 16.79	-1.0
			e	53 23.16	
MMPM	7.09	110	(P)	53 21.16	2.4X
MEMM	7.13	110	(Pn)	53 21.84	2.9X
PHAM	7.16	127	(P)	53 18.60	-0.7
BONR	7.48	106	(Pn)	53 30.23	6.1X
LON	7.53	31	ePn	53 23.67	-0.9
MTUM	7.54	111	(Pn)	53 24.41	-0.4
			e	53 35.25	
BCH	7.79	130	ePn	53 29.14	0.9
ISA	8.48	121	ePn	53 38.27	0.3
			e	55 15.19	
TPNV	9.38	108	(P)	53 55.86	5.5X
GSC	9.80	118	ePn	53 55.74	-0.4
DPW	9.97	38	eP	53 59.90	1.6
DUG	11.15	86	(P)	54 17.02	2.4X
ARUT	11.16	99	(P)	54 18.40	3.5X
			e	54 25.39	
HHA1	11.57	71	eP	54 27.72	7.3X
LCCM	12.57	59	eP	54 36.50	2.6X
SRU	13.06	90	eP	54 44.71	4.3X
PV09	14.25	92	eP	54 59.08	2.9X
PV10	14.35	92	(P)	54 58.48	1.0
			e	55 08.14	
PV08	14.60	91	(P)	55 04.21	3.3X
			e	55 11.33	
TUC	15.62	116	eP	55 19.01	5.1X
	1.5s		14.64nm		4.0mb
GLD	16.99	85	(P)	55 36.66	5.2X
	1.4s		27.51nm		4.2mb
RSSD	17.68	70	eP	55 41.62	1.6
	1.9s		41.51nm		4.2mb
ACO	22.37	90	iPd	56 35.30	3.6X
YKA	23.43	15	eP	56 46.20	4.4X
	1.5s		5.00nm		3.8mb
MEO	23.46	95	iPc	56 47.10	4.7X
TUL	25.18	90	ePc	57 08.80	9.8X
	1.4s		41.00nm		4.9mb
LNO	25.19	90	ePc	57 08.70	9.8X
FBA	27.22	341	(P)	57 20.94	3.4X
	1.3s		4.12nm		4.0mb
IMA	29.68	339	eP	57 40.32	0.4
	1.0s		3.37nm		4.1mb

S.D. = 1.0 on 32 of 52 obs.

DEC 26, 1992 14h 57m 38.81 ± 0.13s
 1.011 S ± 2.7km 78.064 W ± 3.0km
 DEPTH = 11.6km (geophysicist)
 5.8mb (73 obs.) 5.4Msz (29 obs.)
 ECUADOR (107)

Slight damage at Teno. Felt
 (III) at Quito. Depth from
 broadband displacement
 seismograms.

FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=286 Dip=85 Slip=-10
 NP2: 17 80 -175
 Principal Axes:

T P1g=3 Azm=332
 P 11 241

Comment: The focal mechanism is
 moderately well controlled and
 corresponds to strike-slip
 faulting with a small normal
 component. The preferred fault

plane is not determined.

RADIATED ENERGY

No. of sta: 13 Focal mech. F
 Energy 1.1±0.3×10¹⁴ Nm

MOMENT TENSOR SOLUTION

Dep 20 No. of sta: 15

Moment Tensor; Scale 10¹⁷ Nm

Mrr=-0.50 Mtt= 5.55

Mff=-5.05 Mrt= 2.50

Mrf=-2.10 Mtf= 5.55

Principal axes:

T Val= 8.19 P1g=10 Azm=339

N 0.32 67 94

P -0.51 20 245

Best Double Couple: Mo=8.3×10¹⁷

NP1: Strike=23 Dip=68 Slip=-173

NP2: 291 83 -22

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 25S, 58C

Centroid Location:

Origin Time 14:57:42.2 0.3

Lat 1.155 0.03 Lon 77.92W 0.03

Dep 15.0 FIX Half-duration 2.1

Moment Tensor; Scale 10¹⁷ Nm

Mrr= 1.18 0.10 Mtt= 3.34 0.13

Mff=-4.51 0.16 Mrt=-5.72 0.31

Mrf= 0.07 0.27 Mtf= 2.20 0.09

Principal Axes:

T Val= 8.29 P1g=38 Azm=170

N -2.59 44 310

P -5.70 22 62

Best Double Couple: Mo=7.0×10¹⁷

NP1: Strike=200 Dip=46 Slip= 166

NP2: 300 80 45

GGP 0.99 327 P 57 53.74 -4.0X

CAYA 1.09 4 P 57 55.50 -3.9X

PSO 2.31 19 eP 58 18.00 0.3

SILC 4.06 25 eP 58 54.11 11.6X

HOOC 4.67 18 iPc 59 02.71 11.5X

AZUC 5.05 22 iPc 59 07.82 11.1X

BOG 6.88 35 eP 59 22.00 -0.3

BMG 9.45 32 eP 59 51.00 -6.9X

NNA 10.97 174 ePc 00 15.38 -3.4X

SDV 12.31 37 eP 00 34.20 -2.9X

TOV 13.52 37 eP 00 50.60 -2.5X

i(S) 04 55.00

OLLA 15.67 45 eP 01 17.60 -3.8X

GUAN 16.48 48 eP 01 28.50 -3.2X

ARE 16.66 157 iPd 01 35.60 1.4

ZOBO 18.06 148 (P) 01 48.65 -3.4X

LPB 18.28 148 Pc 01 51.60 -3.0X

1.1s 379.75nm 5.5mb

S 05 24.00

LR 08 19.00

CNCB 18.58 148 P 01 57.20 -1.1

HOJ 18.94 4 ePd 02 04.06 1.9

STH 19.01 4 ePd 02 03.44 0.3

GWJ 19.01 4 iPd 02 03.44 0.2

TPP 20.00 55 eP 02 14.74 0.4

TRN 20.22 55 eP 02 16.19 -0.5

TBH 20.40 56 eP 02 19.47 0.9

GRW 20.89 51 eP 02 22.42 -1.3

TPR 21.03 54 eP 02 24.26 -0.8

BOT 21.07 54 eP 02 24.39 -1.0

APR 22.32 29 e(P) 02 38.00 0.0

SIV 22.41 133 P 02 41.20 2.2

S 06 49.00

LPR 22.64 31 e(P) 02 40.00 -1.2

FDF 22.91 46 eP 02 44.30 0.4

MDN 23.12 45 eP 02 45.50 -0.4

ANT 23.75 162 iPc 02 53.40 1.5

HJA 25.26 152 ePd 03 06.20 -0.3

OXX 25.72 315 (P) 03 14.00 2.8X

EVV 25.75 320 (P) 03 14.00 2.8X

SLA 26.53 154 ePc 03 19.60 1.1

FSA 27.50 156 ePc 03 27.00 -0.2

ACX 27.89 311 (P) 03 35.00 4.2X

PPM 28.39 316 (P) 03 40.00 4.1X

UNM 28.96 315 (P) 03 44.00 3.2X

CYA 29.70 158 iPc 03 46.20 -0.9

MRX 30.63 313 (P) 03 57.00 1.6

RTPR 31.13 160 ePc 03 59.20 -0.4

RTLL 31.49 164 ePc 04 02.00 -0.9

RTCB 31.55 165 ePc 04 03.50 0.0

IHA 32.41 170 eP 04 11.10 0.3

PEL 32.71 168 iP+ 04 13.50 0.0

BAO 33.03 118 e(P) 04 06.00 -10.7X

e 04 08.50

e 04 14.80

e 04 20.20

e 04 26.50

e 04 30.00

BDF 33.12 118 ePc 04 15.14 -2.3

ePd 04 17.87 9kmX

MRA 33.33 161 ePc 04 18.60 -0.3

CEH 36.72 359 (P) 04 47.83 0.0

1.4s 324.22nm 5.9mb

Z 19s 19.00um 5.9Msz

e 10 41.75

VAO 37.28 128 eP 04 51.10 -1.7

UYO 38.23 338 iPd 04 58.70 -1.8

MIAR 38.24 339 (P) 04 59.84 -0.8

1.3s 100.87nm 5.4mb

Z 21s 2.46um 5.0Msz

e 06 24.01

ePP 06 33.07

LPA 38.60 153 iP+ 05 04.00 0.4

Z 20s 5.67um 5.4Msz

iS 11 01.60

CBN 39.03 1 eP 05 08.00 0.9

RPN 39.68 226 (P) 05 13.34 0.6

LNO 40.28 338 iPc 05 18.40 1.0

TUL 40.28 338 iPc 05 18.60 1.1

1.4s 490.10nm 6.0mb

Z 22s 3.72um 5.2Msz

ePP 06 51.50

ePcP 07 23.10

S 11 18.00

LR 13 05.00

FNO 40.36 335 iPd 05 19.40 1.2

FVM 40.45 345 eP 05 17.50 -1.4

MEO 40.46 334 iPc 05 18.00 -1.1

MCWV 40.51 358 (P) 05 18.96 -0.4

Z 21s 4.53um 5.3Msz

CCM 40.73 344 ePc 05 19.94 -1.3

GMTN 41.84 4 iP 05 30.70 0.4

PNJ 41.87 4 iP 05 31.07 0.6

ACO 42.32 335 iPc 05 35.60 1.3

HRV 43.71 7 P 05 46.64 1.1

e 11 32.94

S 12 26.64

SS 15 52.31

TYNO 43.94 358 P 05 47.06 -0.2

STCO 44.03 359 P 05 48.17 0.1

ACTO 44.46 358 P 05 51.15 -0.4

ALO 44.55 326 eP 05 52.51 -0.2

1.0s 119.97nm 5.7mb

S 12 39.98

WLVO 44.74 360 P 05 53.71 0.0

TUC 45.33 320 ePc 05 58.94 0.1

1.0s 52.51nm 5.4mb

ePc 06 04.57

SS 12 47.50

SS 16 35.93

RSNY 45.47 4 ePd 05 59.39 -0.2

1.3s 181.77nm 5.9mb

Z 21s 2.47um 5.1Msz

GLD 47.57 332 eP 06 16.90 0.3

1.9s 939.16nm 6.5mb

Z 19s 3.73um 5.4Msz

S 13 18.46

SS 17 27.69

GOL 47.60 331 (P) 06 18.20 1.3

1.6s 71.38nm 5.5mb

Z 20s 0.84um 4.7Msz

ec 06 22.00

PcP 07 49.79

S 13 25.48

SS 17 04.11

LMN 48.11 12 eP 06 26.50 6.0X

PV08 48.41 328 eP 06 22.93 -0.4

PcP 07 51.58

ePP 08 18.64

[illegible]

	Z	24 s	2.35um	5.5mszX				eS	21	53.00		E	16 s	0.49um			
LBF		85.30	43 eP	10 16.70 -0.4		PRU	92.45	40 eP	10 51.60 0.7			WB2	142.01	235 iPKPd	17 06.70 -6.9X		
		1.6 s	60.30nm	5.6mb		Z	23 s	1.80um	5.5mszX				0.6 s	9.50nm			
TTA		85.41	333 eP	10 16.20 -1.2				e	10 54.80			WRA	142.02	235 PKP	17 07.10 -6.5X		
		1.5 s	57.80nm	5.6mb				e	14 41.50				0.9 s	3.60nm			
SNF		85.90	39 iPc	10 23.06 3.2X				SKS	21 32.00			T1Y	142.22	346 ePKP	17 10.50 -3.0X		
UCC		85.98	39 P	10 21.00 0.7				eS	22 00.00			Z	27 s	3.70um	6.0mszX		
DOU		86.05	40 P	10 21.20 0.5		KSP	93.54	39 eP	10 57.10 1.2			N	17 s	1.13um			
			S	21 03.00				i	11 00.00					SKKS	27 12.00		
SDN		86.51	325 eP	10 21.46 -1.3		ZST	94.20	42 iP	11 03.00 4.0X			TIA	142.25	340 PKP	17 09.70 -3.8X		
		1.7 s	320.51nm	6.2mb		SRO	95.04	42 eP	11 06.20 3.3X			Z	22 s	2.06um	5.8msz		
VITF		86.77	42 P	10 24.35 0.0				e	14 52.00			N	15 s	0.82um			
HAU		87.00	42 eP	10 25.50 0.1		OJC	95.81	40 eP	11 11.00 4.6X			NDI	143.74	38 iPKPd	17 17.00 0.7		
	Z	1.3 s	47.30nm	5.6mb				e	13 30.00			WARB	143.95	220 iPKPc	17 12.60 -4.1X		
WLF		87.01	40 iPc	10 25.99 0.6		SPC	96.20	41 eP	11 12.10 3.7X				0.9 s	51.00nm			
LPL		87.06	45 eP	10 26.80 0.8		BCAO	96.66	86 ePd	11 12.00 1.0			MUN	144.51	201 iPKPc	17 15.20 -2.3X		
LPG		87.07	45 eP	10 27.10 0.9			0.9 s	5.00nm	5.1mb				1.0 s	220.00nm			
		1.5 s	35.00nm	5.4mb		SMY	101.54	324 Pd iff	11 40.00 7.9X			SSE	144.96	330 PKP	17 15.00 -3.2X		
LOMF		87.27	43 P	10 26.65 -0.2		Z	20 s	168.75um	7.6mszX			Z	20 s	1.80um	5.8msz		
BSF		87.28	42 P	10 26.65 -0.3		NRI	111.10	5 ePKP	16 27.00 13.6X			N	14 s	0.30um			
BRW		87.32	342 eP	10 26.07 -0.4		BRVK	121.85	22 ePKP	16 36.00 1.5				sPKP	17 25.00			
MOF		87.51	42 P	10 28.69 0.7			1.2 s	8.00nm				LZH	145.06	357 PKPc	17 17.00 -1.5		
ECH		87.55	42 P	10 28.18 0.1		BOD	122.50	352 ePKP	16 33.60 -1.9			Z	22 s	1.22um	5.6msz		
DIX		87.57	44 ePc	10 31.90 3.3X			1.6 s	12.00nm				N	20 s	0.35um			
WIT		87.60	37 eP	10 30.00 1.9		ASH	125.68	42 ePKP	16 42.00 -0.4				ePP	20 33.00			
WTS		87.62	38 eP	10 29.50 1.2		ELT	126.33	12 ePKP	16 41.00 -2.1				SKKS	27 30.00			
		0.9 s	81.00nm	6.0mb			1.6 s	21.00nm				NJ2	145.24	334 PKPd	17 16.00 -2.7X		
CDF		87.65	42 P	10 28.44 -0.2		RMQ	127.26	235 ePKP	16 45.70 -0.1			BAL	145.56	203 iPKPc	17 17.30 -2.0		
WLS		87.70	42 P	10 28.86 0.0		MAIO	127.33	43 iPKPd	16 45.60 -0.2			XAN	146.50	349 iPKPc	17 19.93 -0.9		
BNS		87.77	39 iP														

S 14 20.30				RKG 26.55 190 eP 23 28.00 -0.2				QUE 65.45 308 eP 28 33.10 -0.9			
TCA 3.69 97 i(P) 13 39.20 -0.6				STK 29.52 145 iPd 23 54.80 -0.3				BOD 66.29 355 iPc 28 37.70 -0.9			
S 14 20.00				0.3s 5.40nm 4.8mb				SEM 68.92 333 ePc 28 55.00 -0.3			
LNV 3.70 215 iPd 13 38.22 -1.7				eS 29 38.00				e 29 04.00 29km			
S.D. = 0.8 on 17 of 18 obs.				QIZ 29.83 336 eP 23 56.20 -1.8				YAK 70.38 4 eP 29 03.00 -0.9			
				ADE 30.49 153 eP 24 04.20 0.4				1.0s 35.00nm 5.4mb			
% DEC 26, 1992 15h 19m 49.26± 1.67s				NNT 30.56 313 eP 24 09.70 5.2X				MGD 71.89 15 eP 29 13.00 -0.1			
39.381 N ±15.6km 28.760 E ±12.3km				RMQ 30.94 129 iPc 24 08.10 0.3				1.3s 40.00nm 5.3mb			
DEPTH = 10.0km (geophysicist)				0.5s 14.00nm 5.1mb				e 29 30.00 62kmX			
TURKEY (366)				LOE 32.66 322 eP 24 24.20 1.3				MAIO 73.69 312 iPc 29 23.00 -1.3			
MD 2.9 (ISK).				BFD 34.09 150 iPd 24 35.40 0.3				BRVK 75.35 331 eP 29 32.00 -1.4			
				0.9s 26.00nm 5.2mb				1.2s 12.00nm 4.8mb			
DST 0.25 335 ePg 19 54.50 0.0				BDT 34.28 318 eP 24 38.00 1.1				eS 39 09.00			
eSg 19 59.20				0.9s 30.30nm 5.2mb				NVL 88.77 198 eP 30 43.00 0.0			
KCT 0.92 340 iPn 20 07.60 0.7				BRS 34.51 127 iPd 24 37.50 -1.4				YKA 112.26 25 ePKP 36 23.10 -2.2			
ALT 1.10 107 ePn 20 10.00 0.0				0.5s 12.00nm 5.1mb				0.8s 0.50nm			
BNT 1.17 327 ePn 20 11.00 -0.1				ARMA 35.15 133 iPc 24 45.90 1.4				SRU 123.79 48 ePKP 36 47.25 -1.2			
EDC 1.19 325 ePn 20 11.00 -0.4				0.8s 23.00nm 5.2mb				PV09 125.01 48 ePKP 36 50.24 -0.7			
YLV 1.27 21 ePn 20 12.70 -0.3				35.37 141 iPc 24 48.30 2.1				PV10 125.12 49 ePKP 36 49.98 -1.1			
S.D. = 0.5 on 6 of 6 obs.				iPp 24 53.80 19km				VAO 147.11 198 ePKP 37 33.20 1.6			
				CHG 35.46 320 ePc 24 48.30 1.2				CNCB 153.03 158 PKP 37 50.00 8.7X			
7 DEC 26, 1992 16h 08m 56.59± 1.59s				1.0s 11.00nm 4.7mb				LPB 153.24 157 ePKP 37 48.00 6.6X			
1.063 S ±11.7km 78.796 W ±26.9km				eSg 46 59.80				S.D. = 1.2 on 76 of 89 obs.			
DEPTH = 10.0km (geophysicist)				TOO 35.90 148 iPd 24 52.10 1.5				% DEC 26, 1992 16h 33m 59.65± 3.13s			
4.1mb (1 obs.)				1.0s 103.00nm 5.7mb				39.178 N ±22.5km 28.579 E ±20.2km			
ECUADOR (107)				i 24 57.90 20km				DEPTH = 10.0km (geophysicist)			
BOG 7.36 40 eP 10 47.00 -0.1				e 26 14.70				TURKEY (366)			
SDV 12.80 39 eP 11 57.10 -4.6X				CAN 36.32 142 eP 24 54.90 0.7				MD 2.9 (ISK).			
LPB 18.64 146 eP 13 18.00 1.0				CNCB 36.54 141 eP 24 57.00 0.9				DST 0.43 5 iPg 34 08.10 -0.3			
CNCB 18.93 146 P 13 19.10 -1.6				RIV 36.77 138 eP 24 58.70 0.8				iSg 34 12.60			
SIV 22.92 131 iPc 14 02.70 0.6				GYA 37.77 337 iPd 25 08.80 2.3				KCT 1.08 351 iPg 34 21.10 1.1			
(S) 18 17.50				0.8s 7.80nm 4.6mb				ALT 1.20 95 ePg 34 22.10 0.1			
YKA 68.89 343 eP 20 03.40 0.0				KMI 38.32 331 Pd 25 14.00 2.7				EDC 1.29 335 ePn 34 23.00 -0.6			
0.9s 1.30nm 4.1mb				1.7s 80.00nm 5.2mb				YLV 1.52 24 ePn 34 26.60 -0.3			
PGP 156.87 303 ePKPc 29 13.00 18.6X				NJ2 40.30 356 eP 25 29.80 2.4				S.D. = 0.9 on 5 of 5 obs.			
S.D. = 1.4 on 5 of 7 obs.				CD2 42.87 336 eP 25 49.70 1.1							
				1.0s 35.00nm 5.0mb				& DEC 26, 1992 16h 41m 28.12s			
DEC 26, 1992 16h 17m 50.25± 0.23s				XAN 44.01 344 P 25 58.10 0.3				63.175 N 150.891 W			
8.343 S ± 4.4km 122.267 E ± 5.7km				1.0s 11.00nm 4.6mb				DEPTH = 128.3km			
DEPTH = 23.8km (4 depth phases)				pP 26 06.60 28km				CENTRAL ALASKA (1)			
5.1mb (33 obs.) 4.8Msz (1 obs.)				sP 26 13.10				<AEIC>.			
FLORES REGION, INDONESIA (286)				DZM 44.59 113 iPd 26 03.10 0.4				HUR 0.60 109 eP 41 47.64 -0.3			
Felt in the Moumere area.				SHL 44.83 320 iPc 26 04.40 -0.3				S 42 02.41			
				TIY 46.73 349 eP 26 19.70 0.3				RND 0.95 75 eP 41 50.60 -0.2			
KUG 2.23 144 eP 18 28.00 1.6				MAT 47.09 18 eP 26 22.00 -0.2				MCK 1.04 57 eP 41 51.22 -0.4			
e(S) 20 06.50				1.2s 20.31nm 5.0mb				SKT 1.24 194 eP 41 53.05 -0.5			
e 24 35.00				LZH 47.47 340 Pc 26 27.00 1.5				S 42 12.39			
KUPT 2.23 144 eP 18 28.00 1.6				1.5s 51.00nm 5.3mb				PWA 1.60 162 P 41 57.50 -0.1			
e(S) 20 06.50				Z 20s 0.99um 4.8Msz				NEA 1.62 29 eP 41 56.76 -1.1			
WSI 2.36 236 iPc 18 29.50 1.3				N 17s 1.09um				GHO 1.68 146 P 41 58.00 -0.6			
eS 19 03.00				LSA 48.24 323 Pc 26 32.80 0.9				S 42 21.90			
MKS 4.17 318 iPc 18 56.90 3.0X				0.8s 9.00nm 4.9mb				SUA 1.72 178 eP 41 59.40 0.3			
iS 19 47.50				BJI 48.47 354 eP 26 33.50 0.6				PLRM 1.79 152 eP 41 58.64 -1.2			
KHKI 6.59 269 ePc 19 30.00 1.8				1.0s 22.00nm 5.1mb				S 42 23.07			
eS 20 52.90				GBA 49.56 296 P 26 39.90 -1.8				PMR 1.79 152 ePd 41 58.48 -1.3			
TRT 9.56 273 ePd 20 11.00 1.5				HHC 49.93 349 eP 26 45.00 0.7				eS 42 22.69			
MTN 9.79 118 eP 20 10.30 -2.5X				BTO 49.99 348 eP 26 45.00 0.2				SML 1.81 138 eP 41 59.12 -1.1			
0.4s 404.00nm 7.1mb X				HYB 50.21 301 eP 26 44.50 -2.2X				eS 42 24.06			
eS 21 57.00				GUN 50.37 317 Pc 26 47.22 -0.9				MLY 1.86 2 eP 41 59.83 -1.0			
MNI 10.05 15 e(P) 20 24.00 7.6X				PKI 50.47 316 Pc 26 47.34 -1.6				CGLM 1.95 196 eP 42 01.58 -0.3			
NANU 15.55 204 eP 21 26.00 -3.7X				0.5s 22.00nm 5.4mb				S 42 27.20			
0.4s 23.00nm 4.8mb				KKN 50.70 316 Pc 26 49.16 -1.3				CRP 2.00 198 eP 42 01.94 -0.7			
eS 24 07.00				0.6s 17.00nm 5.2mb				eS 42 27.63			
CTB 15.56 7 ePc 21 38.00 8.2X				DMN 50.70 316 Pc 26 49.18 -1.4				CCB 2.01 41 eP 42 01.27 -1.3			
WRA 16.42 136 P 21 36.20 -4.7X				GKN 51.27 316 Pc 26 53.38 -1.4				CP2 2.02 199 eP 42 02.60 -0.3			
WB2 16.43 136 eP 21 36.00 -5.0X				0.6s 27.00nm 5.4mb				PMS 2.04 162 P 42 02.00 -0.9			
eS 24 32.50				GTA 51.88 338 P 27 00.00 0.8				BGL 2.04 201 eP 42 02.60 -0.5			
MEEK 18.52 190 eP 22 06.50 -0.6				1.2s 10.00nm 4.6mb				CKN 2.05 198 eP 42 03.30 0.2			
eS 25 18.00				53.13 7 eP 27 08.00 -0.2				SPU 2.07 196 eP 42 02.74 -0.7			
ASPA 18.88 145 iPc 22 09.40 -2.1				1.0s 18.00nm 5.0mb				CKT 2.08 198 eP 42 03.01 -0.5			
0.5s 76.30nm 5.2mb				MNG 57.01 133 P 27 35.70 -0.9				CKL 2.10 200 eP 42 03.62 -0.2			
iS 25 31.50				YSS 58.04 16 eP 27 43.00 -0.6				KNK 2.10 146 eP 42 02.74 -1.0			
PLP 19.57 8 ePd 22 26.00 6.4X				HBZ 58.22 129 P 27 45.10 0.0				SCM 2.13 128 eP 42 02.96 -1.2			
OIS 20.69 128 iPd 22 30.90 -0.5				1.1s 49.00nm 5.5mb				MDM 2.14 32 eP 42 02.68 -1.5			
0.4s 5.00nm 4.3mb				NOZ 58.29 130 P 27 44.20 -1.4				HDA 2.14 53 eP 42 03.29 -0.9			
MRWA 21.59 195 iPd 22 39.10 -1.3				PUZ 58.31 130 P 27 44.90 -0.9				FBA 2.20 37 eP 42 03.32 -1.7			
eS 26 27.00				WMO 60.64 332 P 28 01.40 -0.3				TTA 2.35 266 eP 42 05.24 -1.6			
PGP 21.74 357 eP 22 47.00 5.0X				1.5s 16.00nm 4.9mb				S 42 32.68			
BAL 22.75 192 eP 22 51.00 -1.0				pP 28 16.00 53kmX				GLM 2.38 39 eP 42 06.30 -1.0			
FORT 22.97 167 eP 22 53.50 -0.6				1.6s 25.00nm 5.1mb				TOA 2.43 114 P 42 07.10 -0.8			
0.5s 36.00nm 5.2mb				MOY 62.53 345 eP 28 14.20 0.0				PAX 2.48 92 eP 42 07.58 -1.0			
KLB 23.51 190 eP 22 58.50 -0.9				KSH 64.01 321 P 28 25.00 0.6				PTE 2.48 158 eP 42 07.26 -1.2			
MUN 24.18 193 eP 23 05.20 -0.7				UER 64.42 341 eP 28 25.00 -1.6				SDG 2.54 102 eP 42 08.31 -1.0			
PMG 24.62 94 eP 23 10.50 0.3								SLKM 2.70 173 eP 42 10.57 -0.8			
0.9s 33.61nm 4.9mb											
CTA 25.98 119 P 23 25.00 1.9											

26d 16h

MPA 2.79 164 eP 42 11.32 -1.2
 SVW 3.04 229 eP 42 14.09 -1.8
 IMA 3.14 339 eP 42 15.69 -1.6
 KNIM 3.21 151 eP 42 15.51 -2.5
 LTI 3.46 154 eP 42 19.26 -2.2
 CNPM 3.67 183 eP 42 23.11 -1.1
 BALM 4.55 114 eP 42 33.99 -2.2
 41 obs. associated

* DEC 26, 1992 16h 48m 53.57 ± 0.92s
 6.011 S ± 9.3km 153.511 E ± 8.8km
 DEPTH = 106.4 ± 8.3 km
 4.6mb (4 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB 2.25 323 eP 49 31.00 0.8
 FINC 5.65 264 eP 50 10.00 -0.1
 PMG 7.14 241 eP 50 36.00 -1.0
 0.9s 131.09nm 5.5mb X
 HNR 7.23 118 eP 50 38.00 -0.2
 0.8s 51 49.00
 DZM 20.28 143 iPc 53 53.50 -7.6X
 WB2 23.20 232 iPd 53 53.50 1.5
 0.8s 3.30nm 3.7mb
 ASPA 25.77 225 eP 54 16.30 0.0
 0.4s 4.60nm 4.4mb
 XAN 57.98 317 P 58 36.10 -1.4
 CD2 60.06 311 eP 58 51.40 -0.5
 LZH 62.59 316 eP 59 08.50 -0.4
 1.5s 24.00nm 4.9mb
 GTA 67.02 317 eP 59 37.00 -0.5
 SHL 67.53 301 iPd 59 41.00 0.0
 GUN 73.35 301 P 00 16.32 0.0
 PKI 73.66 301 P 00 17.94 -0.2
 KKN 73.83 301 P 00 18.80 -0.1
 DMN 73.93 301 P 00 19.84 0.3
 GKN 74.43 301 P 00 22.08 -0.3
 KSH 84.24 311 P 01 17.00 2.2
 1.0s 20.00nm 5.0mb
 QUE 90.02 300 eP 01 43.00 -0.1
 S.D. = 0.9 an 18 of 19 obs.

& DEC 26, 1992 17h 59m 17.03s
 64.596 N 145.899 W
 DEPTH = 10.6km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.8 (AEIC), 2.8
 (PMR).

HDA 0.49 248 iP 59 26.54 -0.6
 GLM 0.75 302 iP 59 31.33 -0.4
 CCB 0.82 274 eP 59 32.45 -0.4
 S 59 44.43
 FBA 0.87 291 iPc 59 33.12 -0.5
 eS 59 44.67
 MDM 1.06 291 eP 59 36.90 -0.1
 S 59 52.22
 THY 1.19 177 eP 59 38.88 -0.2
 S 59 55.91
 DOT 1.25 139 eP 59 39.27 -0.9
 NEA 1.37 271 eP 59 42.70 0.6
 S 00 00.24
 MCK 1.59 238 eP 59 46.66 1.5
 S 00 08.27
 PAX 1.64 173 eP 59 45.82 -0.2
 S 00 06.73
 RND 1.77 229 eP 59 47.59 -0.3
 TMW 1.81 134 eP 59 47.14 -1.2
 FYU 2.00 8 eP 59 53.12 2.0
 S 00 17.70
 SDG 2.08 175 eP 59 53.28 0.9
 MLY 2.12 284 eP 59 51.71 -1.2
 TOA 2.50 183 P 59 58.50 0.1
 TZL 2.57 175 eP 00 00.47 1.2
 SCM 2.85 194 eP 00 03.80 0.5
 SML 3.01 203 eP 00 05.69 0.2
 PMR 3.35 207 ePn 00 12.02 1.6
 PWA 3.46 213 eP 00 16.80 4.8
 IMA 3.58 298 ePn 00 12.18 -1.6
 ePg 00 24.10
 SKT 3.65 227 eP 00 14.62 -0.1
 BALM 3.93 154 eP 00 19.45 0.8
 CP2 4.42 224 ePn 00 29.77 4.0
 BGL 4.47 225 (Pn) 00 33.29 7.0
 SLKM 4.56 208 (Pn) 00 25.22 -2.4

ePg 00 39.68
 27 obs. associated
 & DEC 26, 1992 18h 23m 10.80s
 48.981 N 128.982 W
 DEPTH = 10.0km (geophysicist)
 3.2mb (1 obs.)
 VANCOUVER ISLAND REGION (25)
 <PGC-P>. ML 3.3 (PGC).

BPBC 1.42 33 P 23 36.23 -0.4
 S 23 56.71
 EDB 1.51 53 Pc 23 37.91 0.1
 S 23 57.95
 ETB 1.65 75 P 23 40.23 0.3
 HOLB 1.75 18 P 23 40.76 -0.6
 PHC 2.00 30 P 23 44.82 -0.1
 S 24 09.93
 GDR 2.09 66 P 23 46.29 0.1
 OZB 2.30 89 P 23 48.43 -0.9
 S 24 16.32
 CBB 2.58 65 P 23 53.76 0.4
 NAB 3.28 84 P 24 03.20 0.0
 SHB 3.40 78 P 24 05.29 0.3
 BIB 3.75 81 P 24 09.69 -0.2
 WPB 3.84 78 P 24 11.03 -0.1
 HNB 4.21 84 P 24 16.33 -0.1
 YKA 15.72 25 eP 26 52.50 -1.1
 0.9s 1.50nm 3.2mb
 ULM 21.40 74 eP 28 03.50 3.0
 FCC 22.53 51 eP 28 16.50 4.8
 16 obs. associated

DEC 26, 1992 19h 14m 25.75 ± 0.29s
 32.457 S ± 7.2km 178.282 W ± 6.6km
 DEPTH = 10.0km (geophysicist)
 5.5mb (15 obs.) 5.5Msz (4 obs.)
 SOUTH OF KERMADEC ISLANDS (179)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 16S, 29C
 Centroid Location:
 Origin Time 19:14:34.5 0.5
 Lat 32.12S 0.07 Lon 178.31W 0.05
 Dep 15.0 FIX Half-duration 3.4
 Moment Tensor: Scale 10**17 Nm
 Mrr= 1.58 0.08 Mtt= 0.07 0.13
 Mff=-1.65 0.11 Mrt= 0.41 0.24
 Mrf= 3.11 0.30 Mtf=-0.81 0.07
 Principal Axes:
 T Val= 3.47 Plg=59 Azm=268
 N 0.28 8 11
 P -3.76 30 105
 Best Double Couple: Mo=3.6*10**17
 NP1: Strike=219 Dip=16 Slip= 119
 NP2: 9 76 82

RAO 3.21 6 eP 15 15.90 -1.3
 eS 15 55.50
 HBZ 5.85 208 eP 15 51.40 -3.1X
 e 21 06.80
 PUZ 6.28 206 P 15 56.90 -3.8X
 S 17 07.50
 e 22 31.50
 KUZ 6.54 227 P 16 04.50 0.2X
 NOZ 6.84 205 eP 16 05.10 -3.4X
 URZ 6.91 212 eP 16 06.20 -3.2X
 eS 17 24.70
 WCZ 7.03 238 eP 16 12.60 1.4X
 WLZ 7.37 221 eP 16 16.60 0.7X
 PAHZ 7.43 209 eP 16 14.80 -2.0X
 WHH 7.69 212 eP 16 17.40 -3.2X
 MOZ 8.26 221 P 16 27.10 -1.3X
 NGZ 8.34 215 eP 16 28.10 -1.6X
 WAHZ 8.43 209 eP 16 26.10 -4.7X
 BSZ 9.15 215 eP 16 41.20 0.5X
 PGZ 9.25 207 P 16 38.90 -3.1X
 MNG 9.56 210 eP 16 40.00 -6.5X
 S 18 22.80
 MRW 10.40 211 eP 16 51.90 -6.1X
 S 18 40.50
 THZ 11.65 215 eP 17 08.80 -6.2X
 KHZ 11.87 211 eP 17 10.90 -7.1X
 LTZ 12.73 213 eP 17 25.00 -4.6X
 SVA 14.58 348 eP 17 56.00 2.0
 LMZ 14.90 217 eP 17 53.90 -4.1X
 ODZ 15.23 211 eP 17 59.10 -3.3X

LRCZ 15.84 214 eP 18 05.30 -5.1X
 LSCZ 15.86 214 eP 18 06.50 -4.2X
 SBCZ 15.87 214 eP 18 06.10 -4.7X
 TUZ 16.39 211 eP 18 15.80 -1.4
 DZM 17.05 304 iPc 18 30.00 4.1X
 BRS 25.55 274 iPd 19 57.00 0.7
 1.0s 26.00nm 4.9mb
 ARMA 25.72 266 iPd 20 01.90 3.9X
 1.1s 54.00nm 5.2mb
 CNB 26.95 255 eP 20 10.40 1.1
 CAN 27.25 255 eP 20 13.90 2.0
 BWA 27.79 257 eP 20 16.10 -0.8
 TAU 28.97 239 eP 20 28.00 0.6
 RMQ 29.23 273 iPc 20 31.80 1.9
 1.0s 167.00nm 5.8mb
 TOO 29.98 250 iPd 20 38.00 1.4
 1.0s 40.00nm 5.2mb
 HNR 30.50 314 eP 20 50.00 8.7X
 BFD 32.34 251 eP 20 57.30 0.0
 PMO 32.63 65 eP 20 58.30 -1.6
 STK 33.83 260 iPc 21 11.00 0.7
 1.0s 6.70nm 4.5mb
 CTA 33.95 282 iPc 21 13.00 1.6
 i 21 25.00
 ADE 35.67 254 eP 21 26.60 0.5
 PMG 39.31 298 eP 21 57.50 0.7
 1.0s 124.00nm 5.5mb
 RAB 39.44 309 eP 21 56.00 -1.9X
 ASPA 42.80 269 iPc 22 25.20 -0.3
 0.9s 103.50nm 5.6mb
 eP 22 38.40 49kmX
 eS 28 44.20
 MDG 43.10 301 eP 22 27.40 -0.5
 WB2 43.96 274 iPc 22 34.70 -0.2
 0.3s 97.10nm 6.1mb
 iPc 22 48.00 50kmX
 eS 28 53.50
 WRA 43.97 274 P 22 34.00 -1.0
 0.6s 6.50nm 4.6mb
 FORT 45.32 257 iPd 22 45.00 -0.7
 0.6s 66.00nm 5.8mb
 WARB 47.99 263 iPc 23 05.10 -1.8
 MTN 50.10 281 eP 23 21.50 -1.6
 COOL 50.96 255 eP 23 28.00 -1.6
 CSY 53.22 209 eP 23 46.80 0.7
 0.5s 43.20nm 5.7mb
 KLB 53.48 253 eP 23 46.00 -2.4
 MUN 54.60 252 eP 23 56.00 -0.6
 Z 20s 8.80um 5.8Msz
 N 20s 2.20um
 E 20s 9.60um
 MBL 55.70 265 eP 23 46.50 -18.3X
 MRWA 55.72 255 iPc 24 03.10 -1.8
 SPA 57.72 180 ePc 24 18.80 -0.1
 0.9s 150.00nm 6.0mb
 KUG 57.78 279 eP 24 21.50 1.9
 KUPT 57.78 279 e(P) 24 21.50 1.9
 NANU 58.72 262 eP 24 24.40 -1.7
 0.6s 45.00nm 5.7mb
 MKS 63.88 281 e(P) 25 14.50 13.4X
 NVL 76.82 183 eP 26 19.00 0.2
 e 26 36.00
 e 27 06.00
 MAT 79.79 326 (P) 26 39.00 3.4X
 eS 36 38.00
 SSE 85.28 311 P 27 02.00 -2.0
 PEL 85.63 127 eP 27 07.00 1.0
 YSS 86.56 334 iPc 27 10.00 0.1
 0.7s 20.00nm 5.4mb
 e 27 23.30
 e 37 26.00
 MDZ 87.02 127 i(P) 27 15.90 3.0X
 NJ2 87.40 311 eP 27 14.40 0.0
 MDJ 90.18 326 eP 27 27.50 0.2
 TIA 91.19 313 eP 27 32.30 0.1
 Z 23s 1.02um 5.2MszX
 E 11s 0.25um
 CN2 91.63 323 eP 27 33.20 -0.8
 1.0s 22.00nm 5.5mb
 Z 20s 3.08um 5.7Msz
 N 10s 0.24um
 E 10s 0.20um
 BJI 94.22 316 eP 27 46.50 0.6
 Z 20s 0.60um 5.1Msz
 eSKS 38 24.00
 eS 39 00.00
 TIY 95.06 312 Pc 27 49.00 -1.0

Z	20s	0.75um	5.2msz	GEC2	161.31	335	PKP	34	27.60	0.5	MDJ	90.15	326	eP	41	07.00	-0.8		
N	12s	0.29um			1.1s		1.94nm					1.0s		13.00nm			5.1mb		
LPB	97.40	115 P	28 09.00	7.4X	GRF	161.38	340	ePKP	34	24.00	-3.1X	DL2	90.27	317	eP	41	06.00	-2.4X	
YKA	107.40	26 ePKP	32 54.80	1.5	PAB	171.39	33	ePKP	34	37.00	1.8	TNP	90.28	44 P		41	08.50	-0.3	
	0.6s	0.60nm			S.D. = 1.1 on 80 of 132 obs.								1.1s	16.20nm			5.2mb		
HYB	110.04	278 ePKP	33 17.00	17.3X	DEC 26, 1992 19h 28m 06.38±0.24s							TUC	90.56	51 P	41	10.90	0.8		
WMQ	114.30	308 ePKP	33 06.50	-0.7	32.421 S ± 8.7km 178.287 W ± 5.7km								1.3s	33.11nm			5.5mb		
ELT	118.37	317 ePKP	33 12.80	-1.7	DEPTH = 10.0km (geophysicist)							TIA	91.16	313 eP	41	12.60	-0.1		
	2.3s	34.00nm			5.2mb (19 obs.)							SNY	91.19	321 P	41	12.80	0.2		
RES	119.27	18 ePKP	33 16.00	0.4	SOUTH OF KERMADEC ISLANDS (179)							CN2	91.60	323 eP	41	13.60	-0.9		
	0.9s	4.00nm											1.0s	19.00nm			5.4mb		
PRZ	120.23	304 ePKP	33 19.00	0.3	RAO	3.18	6	eP	28	54.80	-2.5	Z	22s	3.20um			5.7msz		
	1.6s	90.00nm												eP		41	24.00	32kmX	
KSH	121.04	300 ePKP	33 19.00	-1.2								MSU	93.57	46 P		41	25.00	1.0	
SEM	121.20	313 ePKP	33 19.80	-0.2	PUZ	6.31	206	eP	29	36.90	-4.8X	BJI	94.19	316	eP		41	27.00	0.6
	1.8s	67.00nm												eSKS		52	03.00		
					KUZ	6.56	227	eP	29	45.10	-0.2X	SRU	94.95	46 P		41	30.50	0.3	
NRI	121.23	336 (PKP)	33 18.70	-0.7	NOZ	6.87	205	eP	29	46.20	-3.4X	TIY	95.03	312 eP		41	32.20	1.7	
	1.6s	51.00nm			URZ	6.93	212	eP	29	45.30	-5.2X		Z	25s	1.10um			5.2mszX	
FRU	123.00	303 ePKP	33 23.40	-0.3	WCZ	7.04	238	eP	29	53.40	1.4X	HVU	95.28	43 P		41	31.80	0.1	
	1.6s	60.00nm			MOZ	8.28	221	eP	30	07.90	-1.5X	TTA	96.68	10 P		41	35.00	-2.5X	
QUE	125.02	286 ePKP	33 29.20	0.9	PGZ	9.28	207	eP	30	17.70	-5.4X	LPB	97.42	115 P		41	36.00	-6.3X	
BRVK	127.76	315 ePKP	33 31.40	-1.2	MNG	9.59	210	eP	30	21.00	-6.5X	YKA	107.37	26 ePKP		46	46.10	12.2X	
	1.6s	66.00nm			KHZ	11.90	211	eP	30	50.40	-8.6X		0.6s	0.60nm					
MAIO	132.76	291 ePKP	33 43.00	0.2	DZM	17.03	303	iP	32	10.70	4.5X	RES	119.24	18 ePKP		46	56.00	-0.2	
SVE	133.32	320 ePKP	33 41.00	-2.0	BRS	25.54	274	iP	33	37.00	0.1		1.0s	4.00nm					
ASH	134.00	293 ePKP	33 45.00	0.1		1.0s	14.00nm			4.6mb		KSH	121.01	300 PKP		47	01.00	0.2	
SDF	142.12	345 iPKP	33 49.20	-9.8X	ARMA	25.71	266	iP	33	41.70	3.1X	SEM	121.17	313 ePKP		47	00.00	-0.6	
MOR7	145.25	351 ePKP	34 03.03	-1.4		0.9s	26.00nm			4.9mb		NRI	121.19	336 iPKP		46	58.70	-1.3	
PYA	145.87	302 iPKP	34 05.00	-1.2		26.95	255	iP	33	52.00	2.1		1.0s	20.00nm					
	2.0s	330.00nm			CAN	27.25	255	eP	33	54.20	1.6	FRU	122.98	303 ePKP		47	04.00	-0.3	
KAF	146.39	339 iPKP	34 06.70	0.3	BWA	27.79	257	eP	33	56.60	-1.0		1.6s	70.00nm					
	0.4s	35.40nm			TAU	28.99	239	eP	34	10.00	1.8X	QUE	125.01	286 ePKP		47	10.30	1.4	
OBN	146.69	323 iPKP	34 07.00	0.0	RMO	29.23	273	iP	34	12.00	1.5	BRVK	127.73	315 iPKP		47	11.00	-2.1	
	1.8s	740.00nm			TOO	29.99	250	iP	34	18.30	1.0		1.3s	54.00nm					
PUL	146.75	334 ePKP	34 08.00	1.0		0.9s	22.00nm			5.0mb		MAIO	132.75	291 ePKP		47	23.00	-0.4	
	1.6s	420.00nm			BFD	32.35	251	eP	34	38.00	0.0	ASH	133.98	293 ePKP		47	24.00	-1.5	
NSS	147.28	352 ePKP	34 09.61	1.9	STK	33.84	260	eP	34	51.50	0.5	ARU	134.46	319 ePKP		47	25.00	-0.8	
BCAO	147.98	213 iPKP	34 11.00	0.6		1.1s	3.20nm			4.2mb X		PYA	145.85	302 iPKP		47	46.00	-0.7	
	0.8s	77.00nm			CTA	33.93	282	iP	34	53.00	1.1		1.3s	150.00nm					
						1.5s	187.50nm			5.8mb		KAF	146.36	339 iPKP		47	46.60	-0.3	
NUR	148.14	339 iPKP	34 11.70	2.5X	ADE	35.67	254	eP	35	06.20	-0.5	OBN	146.65	323 iPKP		47	47.00	-0.6	
GAZ	150.59	289 ePKP	34 15.00	1.3	PMG	39.29	298	eP	35	33.00	-4.2X		1.5s	360.00nm					
UPP	150.62	344 iPKP	34 17.30	4.3X		1.1s	75.95nm			5.3mb						51	17.00		
FOO	150.77	357 ePKP	34 18.40	5.2X	ASPA	42.80	269	iP	36	05.40	-0.7	PUL	146.72	334 iPKP		47	49.00	1.4	
NAO	151.00	351 PKP	34 13.70	0.1		0.8s	52.70nm			5.3mb			1.0s	800.00nm					
	1.5s	126.30nm										NUR	148.11	339 iPKP		47	52.10	2.3X	
HFS	151.20	348 ePKP	34 18.70	4.8X	MDG	43.07	301	eP	36	09.80	1.5	UPP	150.59	344 iPKP		47	57.70	4.1X	
	0.5s	8.80nm			WB2	43.96	274	iP	36	14.10	-1.4	NAO	150.96	351 PKP		47	59.10	4.9X	
KVT	151.33	297 ePKP	34 22.00	7.2X		1.0s	66.20nm			5.4mb			1.2s	87.20nm					
PRNI	151.58	275 ePKP	34 15.70	0.2	WRA	43.97	274	P	36	15.10	-0.5	HFS	151.16	348 ePKP		47	59.00	4.5X	
MML	151.63	279 ePKP	34 16.00	0.5		0.7s	7.30nm			4.6mb			0.9s	54.20nm					
BHL	151.63	282 PKP	34 20.00	4.5X	FORT	45.33	257	iP	36	25.00	-1.4	KVT	151.31	297 ePKP		48	02.00	6.6X	
MNK	151.74	327 iPKP	34 20.00	5.1X	CSY	53.25	209	eP	37	26.90	0.0	HRI	151.47	281 ePKP		47	55.60	-0.4	
	1.2s	307.00nm				0.9s	17.80nm			5.0mb		MZDA	151.53	277 ePKP		47	55.00	-0.9	
BGIO	151.78	278 ePKP	34 15.60	-0.2	MBL	55.70	265	eP	37	26.50	-18.9X	BHL	151.62	282 PKP		48	01.00	4.8X	
KONO	152.30	351 ePKP	34 24.00	8.5X	SPA	57.75	180	eP	38	09.10	9.4X	MNK	151.71	327 ePKP		48	00.00	4.6X	
KAS	153.00	298 iPKP	34 24.60	7.4X		1.0s	120.00nm			5.9mb		SAGI	151.83	274 ePKP		47	55.80	-0.7	
KMY	153.14	356 ePKP	34 24.20	7.5X	KUPT	57.77	279	e(P)	38	02.00	1.8	RMN	151.92	275 ePKP		47	56.20	-0.5	
LIC	153.15	165 PKP	34 19.50	1.4X	NANU	58.72	262	eP	38	04.40	-2.4X	KONO	152.26	351 ePKP		48	02.80	6.7X	
KIC	153.35	166 PKP	34 19.80	1.4	TRT	68.26	275	eP	39	08.00	-1.8	KAS	152.98	298 iPKP		48	05.20	7.4X	
TIC	153.56	165 PKP	34 20.10	1.4	NVL	76.85	183	eP	39	58.00	-1.6	LIC	153.19	165 PKP		47	59.50	0.7	
CSS	153.64	284 ePKP	34 26.60	8.3X						40 03.00		KIC	153.38	166 PKP		47	59.70	0.6	
KIS	154.72	313 ePKP	34 28.00	8.8X						40 33.00		TIC	153.60	165 PKP		48	00.10	0.7	
CLI	155.90	313 ePKP	34 20.00	-1.0	MAT	79.76	326 (P)		40	18.00	1.9	CSS	153.63	284 ePKP		48	06.20	7.3X	
KDS	156.44	144 ePKP	34 23.50	1.0		1.2s	15.63nm			4.9mb		UZH	157.59	322 ePKP		48			

26d 19h

DEPTH = 10.0km (geophysicist)
5.3mb (17 obs.)
SOUTH OF KERMADEC ISLANDS (179)

RAO	3.44	357	P	38	57.50	-2.3
			S	39	33.20	
HBZ	5.90	213	eP	39	34.70	0.1
PUZ	6.31	211	eP	39	39.80	-0.7
			S	40	53.80	
KUZ	6.77	232	eP	39	48.50	1.5
NOZ	6.86	209	eP	39	48.20	-0.1
URZ	6.99	216	eP	39	49.70	-0.4
			S	41	07.70	
WCZ	7.35	242	eP	39	57.20	2.1
WLZ	7.54	225	eP	40	00.60	2.8X
MOZ	8.43	224	eP	40	13.70	3.5X
WAHZ	8.49	213	eP	40	10.10	-1.0
BSZ	9.26	218	eP	40	23.80	2.1
PGZ	9.28	210	eP	40	20.00	-1.9
MNG	9.63	213	eP	40	23.30	-3.5X
			S	42	07.20	
KIW	10.08	214	eP	40	28.60	-4.5X
DIW	10.52	217	eP	40	36.00	-3.1X
TCW	10.66	215	eP	40	34.90	-6.0X
KHZ	11.94	213	eP	40	54.90	-3.4X
			S	42	59.90	
LTZ	12.82	215	P	41	09.30	-0.9
			S	43	18.80	
DZM	17.60	303	iPc	42	19.20	7.0X
BRS	26.07	274	iPd	43	40.50	-0.1
	1.0s	11.00nm			4.5mb	
ARMA	26.21	267	iPd	43	45.00	3.0X
	0.9s	26.00nm			4.9mb	
CNB	27.38	255	iPc	43	54.90	2.3
CAN	27.67	255	eP	43	56.90	1.6
BWA	28.23	257	eP	43	59.40	-0.9
TAU	29.29	239	eP	44	17.00	7.3X
RMO	29.75	273	iPc	44	14.90	0.8
	1.0s	83.00nm			5.5mb	
TOO	30.38	250	eP	44	20.90	1.3
	0.6s	15.00nm			5.0mb	
BFD	32.75	251	eP	44	41.50	1.3
	1.0s	23.00nm			5.1mb	
STK	34.29	260	eP	44	54.60	0.9
	0.7s	5.30nm			4.6mb	
CTA	34.49	282	iPc	44	56.00	0.5
	2.0s	338.24nm			5.9mb	
PMG	39.87	298	eP	45	40.00	-0.8
	1.2s	125.00nm			5.5mb	
ASPA	43.31	269	iPc	46	08.30	-0.7
	1.1s	58.60nm			5.3mb	
		eS	52	32.70		
MDG	43.65	301	ePd	46	12.50	0.7
WB2	44.49	274	iPd	46	18.00	-0.6
	0.4s	122.10nm			6.1mb	
		eS	52	49.10		
WRA	44.50	274	P	46	18.10	-0.6
	0.5s	6.80nm			4.8mb	
FORT	45.76	257	iPd	46	27.80	-0.8
	0.6s	40.00nm			5.6mb	
WARB	48.46	263	iPd	46	48.10	-1.8
MTN	50.64	281	eP	47	05.00	-1.7
COOL	51.38	255	eP	47	10.50	-1.8
CSY	53.26	209	eP	47	29.90	4.2X
	0.6s	34.20nm			5.5mb	
KLB	53.89	253	eP	47	30.00	-0.9
MEEK	54.97	259	eP	47	37.00	-1.9
MRWA	56.15	255	eP	47	45.50	-1.8
MBL	56.19	265	eP	47	30.00	-17.7X
SPA	57.48	180	ePd	48	12.20	15.6X
	0.9s	136.36nm				
NANU	59.19	262	eP	48	07.00	-1.8
NVL	76.61	183	eP	50	00.00	2.9X
	1.8s	34.00nm			5.1mb	
		e	50	21.00		
		e	50	33.00		
MAT	80.28	325	(P)	50	18.00	0.4
PEL	85.08	126	eP	50	50.00	7.3X
YSS	86.99	334	iPc	50	53.00	1.6
	0.9s	30.00nm			5.5mb	
		e	51	07.00		
MDJ	90.66	325	eP	51	10.50	1.6
	1.0s	9.00nm			5.0mb	
TIA	91.72	313	eP	51	15.40	1.4
CN2	92.12	323	eP	51	16.60	0.9
	1.0s	93.00nm			6.1mb	

Z	20s	3.08um	5.7Msz
N	10s	1.32um	
E	10s	0.90um	
YKA	107.39	26 ePKP	51 32.00 53kmX
	0.6s	0.40nm	
WMO	114.84	307 PKP	56 50.00 2.3X
RES	119.34	18 ePKP	56 58.50 3.3X
	1.0s	5.00nm	
KSH	121.59	299 PKP	57 04.00 3.3X
NRI	121.65	336 iPKPd	57 01.80 2.1X
	1.4s	23.00nm	
		e	57 15.00
FRU	123.56	303 ePKP	57 06.00 1.7
	1.4s	40.00nm	
QUE	125.57	286 ePKP	57 12.80 4.0X
BRVK	128.28	315 iPKPc	57 14.00 1.0
	1.0s	32.00nm	
MAIO	133.32	291 ePKP	57 25.00 1.8X
MOS	146.36	324 ePKP	57 49.00 3.1X
		e	57 59.00
PYA	146.42	302 iPKPc	57 49.00 2.5X
	1.0s	100.00nm	
KAF	146.79	340 iPKP	57 49.50 3.1X
OBN	147.18	323 iPKPd	57 50.00 2.8X
	1.6s	260.00nm	
		e	57 57.00
PUL	147.18	334 ePKPc	57 51.00 3.9X
	1.4s	300.00nm	
BCAO	148.06	212 iPKPc	57 52.90 2.9X
	0.7s	36.00nm	
		ic	57 56.00
		id	59 52.10
NUR	148.55	339 iPKP	57 55.00 5.7X
UPP	150.99	344 iPKP	58 00.20 7.2X
MDRJ	151.19	273 PKPd	58 02.90 8.5X
NAO	151.31	351 PKP	58 01.30 7.8X
	0.9s	27.00nm	
HFS	151.54	348 ePKP	58 01.60 7.8X
	0.7s	39.20nm	
SHMJ	151.92	279 PKP	58 04.00 8.7X
HRI	152.02	280 ePKP	58 03.60 8.0X
MBH	152.06	273 ePKP	58 03.80 8.1X
MZDA	152.07	276 ePKP	58 03.40 7.9X
BHL	152.18	282 PKP	58 04.00 8.2X
RMN	152.45	274 ePKP	58 04.30 8.0X
ZNT	152.45	278 ePKP	58 04.50 8.4X
KONO	152.60	352 iPKPc	58 05.60 10.2X
KAS	153.56	298 ePKP	58 08.50 11.1X
CSS	154.19	284 ePKP	58 10.00 11.6X
KIS	155.25	313 ePKP	58 11.00 11.6X
OJC	158.22	329 ePKP	58 18.30 15.2X
		e	58 38.20
SPC	158.76	326 ePKP	58 07.40 3.4X
KSP	159.15	335 ePKP	58 07.00 2.9X
		id	58 42.50
BRG	159.92	338 ePKP	58 27.50 22.6X
	1.2s	20.00nm	
		i	58 46.90
ZST	160.91	329 ePKP	58 08.90 2.9X
KHC	161.54	336 ePKP	58 10.00 3.3X
		e	58 30.50
		i	58 53.00
GEC2	161.74	335 PKP	58 09.50 2.5X
	1.0s	1.66nm	
GRF	161.77	341 ePKP	58 11.00 4.1X
		ePKPab58	54.90
S.D. = 1.4 an 40 of 92 obs.			
DEC 26, 1992 19h 52m 24.90±0.37s			
0.564 S ± 7.6km 19.318 W ± 5.2km			
DEPTH = 27.1km (28 depth phases)			
5.8mb (70 obs.) 6.2Msz (38 obs.)			
CENTRAL MID-ATLANTIC RIDGE (406)			
FAULT PLANE SOLUTION: P-Waves			
NP1:Strike=165 Dip=89 Slip= 0			
NP2: 255 90 181			
Principal Axes:			
T Plg= 1 Azm= 30			
P 1 120			
Comment: The focal mechanism is			
well controlled and			
corresponds to strike-slip			
faulting. The preferred fault			
plane is not determined.			
MOMENT TENSOR SOLUTION			
Dep 22 No. of sta: 7			

Moment Tensor:		Scale 10**19 Nm	
Mrr=-0.04	Mtt= 0.60		
Mff=-0.55	Mrt=-0.09		
Mrf= 0.00	Mtr=-1.05		
Principal axes:			
T Vol= 1.23	Plg= 4	Azm=211	
N -0.05	86	62	
P -1.18	2	301	
Best Double Couple:Mo=1.2*10**19			
NP1:Strike=346 Dip=86 Slip= 1			
NP2: 256 89 176			
CENTROID, MOMENT TENSOR (HRV)			
Data Used: GDSN			
M.W.: 22S, 49C			
Centroid Location:			
Origin Time 19:52:45.9 0.2			
Lat 0.09S 0.01 Lon 18.76W 0.01			
Dep 15.0 FIX Half-duration 5.1			
Moment Tensor:		Scale 10**19 Nm	
Mrr= 0.04 0.01	Mtt= 0.58 0.01		
Mff=-0.62 0.01	Mrt= 0.00 0.00		
Mrf= 0.00 0.00	Mtr=-1.63 0.01		
Principal Axes:			
T Vol= 1.72	Plg= 0	Azm=215	
N 0.04	90	180	
P -1.76	0	125	
Best Double Couple:Mo=1.7*10**19			
NP1:Strike=260 Dip=90 Slip=-180			
NP2: 350 90 0			
KDS			
14.83	28	eP	55 48.50 -6.2X
15.04	9	iP	55 53.60 -3.8X
		iS	58 36.80
15.78	64	P	56 05.40 -1.6
15.96	63	P	56 07.90 -1.5
16.09	64	P	56 09.20 -1.8
		S	58 58.00
32.02	241	e(P)	58 53.00 1.3
		e	58 58.30 18km
		e	59 03.10
		e	59 05.70
		e	59 10.50
		e	59 16.90
		e	59 19.90
		e	59 25.40
		e	59 32.00
		e	59 38.10
		e	59 42.30
		e	59 53.00
		e	00 01.50
		e	00 09.60
		e	00 14.20
		e	00 24.30
		e	01 19.80
34.92	228	eP	59 29.20 12.4X
36.43	20	iPc	59 32.00 2.4X
		i	59 37.20 18km
38.62	18	iP	59 58.00 10.3X
38.76	17	iP	59 59.00 10.2X
39.01	18	eP	59 52.96 2.0
39.18	18	iP	00 00.00 7.5X
39.21	17	iP	00 03.00 10.3X
39.56	18	eP	59 56.35 0.8
39.60	19	iPd	59 56.80 1.0
		iPP	01 36.00
		iS	06 18.00
39.70	16	eP	59 56.88 0.2
39.98	20	eP	59 59.87 0.9
40.35	17	eP	00 03.01 1.1
40.38	20	eP	00 03.64 1.3
40.41	19	eP	00 03.51 1.0X
40.58	21	eP	00 05.29 1.4
41.11	19	eP	00 08.92 0.6
41.19	20	eP	00 09.96 0.9
41.65	21	eP	00 14.17 1.5
42.20	15	eP	00 16.88 -0.3
42.20	17	iPc	00 25.00 7.7X
		iPP	02 03.00
		iS	06 52.00
43.27	17	eP	00 26.23 0.2
43.93	247	Pc	00 37.00 5.4X
		i	00 44.00 23km
		i	01 00.80
44.08	19	eP	00 32.25 -0.3
44.15	13	eP	00 29.03 -4.0X
44.32	11	eP	00 30.21 -4.2X
44.93	21	eP	00 38.34 -1.0

EBR	44.96	21 eP	00 45.00	5.5X	PII	51.53	27 P	01 26.60	-3.9X				i	01 59.90	35km
		eS	07 32.00		LBF	51.56	20 eP	01 26.00	-4.8X				i	02 11.50	
EGRA	45.89	20 eP	00 46.97	0.1		0.9s	88.45nm		5.7mb	RIY	54.57	29 eP	01 53.50	0.5	
LHE	46.43	19 P	00 59.20	7.9X	TDS	51.61	35 P	01 31.10	-0.1	SRBF	54.58	22 P	01 53.75	0.6	
BOH	46.47	18 P	00 59.76	8.1X	SDI	51.64	31 P	01 32.40	0.9	WLF	54.61	20 P	01 51.00	-2.2	
ISSF	46.48	19 P	00 59.59	7.9X	LDF	51.71	16 eP	01 26.90	-4.9X			e	02 00.20	32km	
ATE	46.56	19 P	01 00.26	8.1X		1.1s	89.60nm		5.6mb			e	04 01.00		
MADF	46.57	19 P	01 00.27	7.9X	FLN	51.76	16 eP	01 27.10	-5.1X	LANF	54.62	22 P	01 53.75	0.3	
ESCF	46.59	19 P	01 00.27	7.8X		1.1s	114.30nm		5.7mb	DCN	54.65	9 eP	01 54.20	0.7	
JAU	46.62	19 P	00 59.65	6.8X		Z 21s	26.00um		6.2Msz		0.8s	79.00nm		5.8mb	
OGE	46.71	19 P	00 59.43	6.1X	LOR	51.77	20 eP	01 27.50	-4.8X	HCY	54.68	34 iPc	01 55.68	1.7	
EPF	46.85	20 eP	00 50.60	-4.0X		1.2s	171.35nm		5.9mb	DLF	54.72	9 eP	01 54.50	0.5	
	1.4s	314.55nm		6.1mb		Z 20s	30.00um		6.3Msz		0.8s	47.00nm		5.6mb	
PTS	47.17	35 P	01 09.40	12.3X	BDI	51.82	27 P	01 32.30	-0.6	SNF	54.72	18 iPc	01 52.66	-1.5	
ERC	48.37	34 P	01 08.40	1.9	BLF	51.83	127 iPd	01 34.70	1.4			e	02 05.50	46kmX	
LPD	48.60	19 eP	01 03.70	-4.4X		0.9s	23.08nm		5.1mb	TIR	54.75	36 eP	01 53.50	-1.0	
	1.3s	203.60nm		6.0mb	BOB	51.86	26 P	01 34.80	1.7	FVI	54.75	27 P	01 54.80	0.4	
MCT	48.68	35 P	01 19.30	10.2X	EMS	51.88	23 iPd	01 33.80	0.4	BDV	54.76	34 iPc	01 56.18	1.6	
LFF	48.68	19 eP	01 04.60	-4.1X	AQU	51.90	31 P	01 34.80	1.4	WTTA	54.77	25 iPc	01 51.30	-3.5X	
	1.3s	345.15nm		6.2mb	FIR	51.91	28 eP	01 35.00	1.6		1.5s	327.00nm		6.1mb	
CAF	49.11	20 eP	01 07.50	-4.6X			ePP	03 34.00				i	01 54.30	10kmX	
	1.1s	169.95nm		6.0mb			iS	09 02.00				i	02 00.60		
GIB	49.15	35 P	01 22.90	10.3X	ORO	51.93	24 P	01 33.90	0.2	ULC	54.79	35 iPc	01 56.23	1.4	
RJF	49.26	19 eP	01 08.50	-4.7X		1.1s	177.50nm		5.9mb	NPS	54.99	45 eP	01 58.00	1.6	
	1.2s	188.65nm		6.0mb	SDV	51.97	282 eP	01 33.80	-0.8	UCC	55.00	18 P	01 53.40	-2.7X	
CDR	49.43	24 ePc	01 22.70	8.2X	PRY	52.00	124 eP	01 47.50	12.9X			e	02 03.00	31km	
LMR	49.45	25 eP	01 10.20	-4.5X		1.0s	50.00nm					S	09 42.00		
LRG	49.49	25 eP	01 10.60	-4.4X	ASS	52.05	29 P	01 36.30	1.7	BRY	55.01	33 iPc	01 57.28	0.8	
	0.6s	33.80nm		5.6mb	DIX	52.07	23 ePd	01 34.60	-0.4	TTG	55.10	34 iPc	01 58.46	1.5	
	1.4s	189.05nm		5.9mb	CRE	52.13	29 P	01 41.20	6.0X	ATH	55.13	41 eP	01 58.50	1.2	

26d 20h

SOH	56.52	38	eP	02 06.36	-1.0	PSZ	59.07	30	eP	02 23.70	-1.5		1.2s	51.80nm	5.5mb		
MDZ	56.54	230	i(P)	02 14.20	6.5X	PVL	59.11	37	eP	02 22.00	-3.4X	CEH	66.23	310	eP	03 12.63	-0.2
OUR	56.63	39	eP	02 15.06	7.0X	DST	59.25	42	eP	02 28.00	1.5		0.7s	17.52nm	5.3mb		
WET	56.75	25	iPd	02 07.10	-1.7	KCT	59.40	41	eP	02 26.30	-1.2	Z	18s	5.66um	5.8Msz		
	Z	13s	27.00um	6.5MszX		JMB	59.45	38	eP	02 18.00	-9.8X	RSNY	66.35	320	P	03 20.00	6.5X
		i	02 15.20	26km		KSP	59.48	25	eP	02 25.50	-2.4	Z	19s	4.83um	5.7Msz		
WTS	56.81	19	eP	02 08.00	-1.1		1.0s	49.00nm	5.6mb			CVL	66.47	312	eP	03 12.25	-2.1
	1.0s	150.00nm	6.0mb					ic	02 33.80	27km			e	03 24.30	41kmX		
		e	02 15.50	24km		BRNL	59.49	23	eP	02 28.00	0.1	MNK	66.64	28	eP	03 16.00	0.9
SRS	56.84	38	eP	02 08.24	-1.4	BCK	59.57	45	eP	02 28.80	0.0	Z	18s	34.70um	6.6Msz		
GEC2	56.87	25	e(P)	02 08.10	-1.7	HQL	59.72	55	eP	02 30.00	0.1	N	18s	20.10um			
	0.9s	11.20nm	4.9mb			SAGI	59.73	54	eP	02 29.30	-0.7			e	05 44.00		
HLW	56.92	53	eP+	02 10.00	-0.3	ALT	59.98	43	eP	02 32.80	1.2			ePPP	07 27.00		
		eP	02 16.00	20km		WAJH	60.02	59	eP	02 37.00	5.1X	UPP	66.74	19	iP	03 23.40	7.7X
		ePP	04 15.00			SPC	60.11	29	eP	02 30.00	-2.4	ANN	67.40	40	eP	03 18.00	-2.1
		eS	10 06.00					i	02 39.80	32km	Z	20s	12.50um	6.1Msz			
		eSS	10 22.00			MTUR	60.12	35	ePc	02 34.00	1.5	N	20s	11.00um			
KHC	57.03	25	P	02 10.00	-0.9	BUC1	60.17	36	ePc	02 42.00	9.3X	E	20s	9.00um			
	1.3s	60.00nm	5.5mb			YLV	60.23	41	eP	02 33.00	-0.3			e	03 47.00	117kmX	
	Z	14s	53.00um	6.8MszX		ITU	60.27	41	eP	02 32.00	-1.4			e	05 47.00		
	N	14s	26.00um			AYN	60.37	56	eP	02 32.00	-2.3X			eS	12 08.00		
	E	14s	20.50um			MDRJ	60.41	55	Pc	02 30.00	-4.7X	MJMA	67.53	62	eP	03 23.30	1.9
		e	02 19.50	31km		SHWJ	60.46	54	P	02 34.00	-1.2	MCWV	68.06	314	P	03 30.00	5.6X
		i	02 29.00			CSS	60.48	49	eP	02 41.00	6.0X	Z	21s	6.34um	5.8Msz		
		i	04 23.60			DHLJ	60.54	54	Pd	02 35.00	-0.4	SOC	68.46	42	iPc+	03 34.00	7.2X
		S	10 14.00			OJC	60.60	28	eP	02 33.00	-2.5		2.0s	300.00nm	6.1mb		
MMB	57.20	38	eP	02 10.00	-2.2		N	16s	26.80um			Z	17s	18.00um	6.4MszX		
EKA	57.26	11	Pd	02 09.20	-3.1X		E	16s	13.60um			N	20s	10.50um			
	0.8s	10.80nm	4.9mb					i	02 35.60	9kmX		E	20s	21.50um			
SOP	57.30	28	eP	02 11.50	-1.2			i	02 43.00					eS	12 54.00		
MOX	57.42	23	eP	02 12.80	-0.7			i	02 52.50			RYD	68.48	63	eP	03 28.00	0.7
	2.0s	286.00nm	6.0mb					i	11 22.00					iS	12 36.00		
	Z	19s	18.00um	6.2Msz		SDOM	60.62	53	eP	02 35.40	-0.5	NUR	69.66	21	eP	03 28.00	-5.8X
		eS	10 10.00			GPA	60.71	42	eP	02 32.00	-4.5X			eS	13 00.00		
WIT	57.46	18	eP	02 15.00	1.3	EYL	60.75	42	eP	02 36.00	-0.8	GBTN	70.13	308	eP	03 37.72	0.5
		e	02 23.00	26km		UZH	60.75	30	ePd	02 36.70	0.2	PYA	70.87	43	iPd	03 42.00	0.4
		e	02 32.50				Z	16s	50.70um	6.8MszX		1.3s	150.00nm	5.9mb			
VTS	57.48	36	eP	02 12.00	-2.2		N	16s	27.50um					i	03 59.00	62kmX	
VKA	57.60	27	eP	02 14.00	-0.8		E	16s	24.00um					iS	13 01.00		
	4.3s	2086.00nm	6.5mb X					i	03 12.50	151kmX				iPS	13 28.00		
	Z	14s	23.00um	6.4MszX				i	04 56.00					iSSS	20 36.00		
		i	02 22.40	28km		BMR	60.76	32	ePd	02 47.00	10.4X			iS	03 50.00	7.2X	
		i	04 20.80			MLR	60.78	35	ePc	02 34.00	-3.0X	KER	71.01	53	eP	03 44.00	-0.2
		i	04 30.50			ISR	60.92	36	ePc	02 36.00	-1.9	MTA	71.31	45	eP	03 59.20	54kmX
EBL	57.70	11	eP	02 23.40	8.0X	CVO	61.10	35	ePc	02 38.00	-1.1			i	06 24.40		
	0.8s	48.00nm	5.6mb			LMN	61.12	325	eP	02 56.00	16.9X			iS	13 02.40		
EDI	57.82	11	eP	02 16.70	0.6			pP	03 09.00	46kmX				iPS	13 34.40		
EZN	57.85	41	eP	02 14.00	-2.6X	SALJ	61.18	53	P	02 39.40	-0.5	KAF	71.32	21	iP	03 44.40	0.5
RZN	57.86	38	eP	02 15.00	-2.0	BRD	61.43	35	ePc	02 49.00	7.7X	PUL	71.38	24	ePd	03 50.00	5.7X
ESY	57.92	11	eP	02 25.80	8.9X	VR1	61.45	35	ePc	02 40.00	-1.4		Z	16s	20.00um	6.5MszX	
ZST	57.92	28	eP	02 14.60	-2.4	HRI	61.67	51	eP	02 43.10	-0.2		N	16s	16.00um		
		i	02 23.00	28km		COP	61.74	20	eP	02 51.00	7.9X		E	16s	14.00um		
		e	04 28.50				1.0s	108.00nm	5.9mb					e	04 00.00	32km	
PGB	58.03	37	eP	02 15.00	-2.9X		Z	18s	19.59um	6.3Msz				eS	13 06.00		
PEL	58.06	231	eP	02 24.50	6.2X	BHL	61.84	51	P	02 44.00	-0.4			e	13 26.00		
PLD	58.09	38	eP	02 18.00	-0.3			S	11 04.00					eSS	17 34.00		
PRU	58.09	25	eP	02 18.30	0.1	CFR	61.89	36	eP	02 42.00	-2.4	OBN	71.70	30	iPc	03 46.00	-0.3
	2.0s	228.20nm	5.9mb			CLI	62.15	35	ePc	02 46.50	0.4		1.4s	78.00nm	5.6mb		
	Z	14s	33.20um	6.6MszX		LVV	62.38	30	iP+	02 54.00	6.5X	Z	16s	40.00um	6.8MszX		
	N	16s	23.00um			ADAT	62.83	47	eP	02 48.20	-2.5X		N	16s	35.00um		
	E	13s	20.90um			ARO	62.89	77	eP	03 00.00	8.4X	E	15s	21.00um			
		i	02 24.50	20km		KIS	63.32	35	eP	02 53.00	-0.7			i	03 58.00	40kmX	
		S	10 21.00					iS	11 52.00					ePPP	08 11.00		
SRO	58.23	29	iP	02 19.20	0.1	KAS	63.54	42	iPc	02 55.30	-0.1			iS	13 10.00		
		i	02 25.90	22km		CBM	63.62	325	P	03 00.00	4.2X	DHR	71.90	62	eP	03 38.00	-10.1X
		i	04 45.40				Z	19s	12.47um	6.1Msz	GRO	72.45	44	iPc	03 59.00	8.0X	
KSL	58.23	46	eP	02 19.50	0.1	ABHA	63.76	69	eP	02 59.00	1.5		1.0s	380.00nm	6.4mb		
ALN	58.25	39	eP	02 20.20	0.8	KMTA	63.86	70	eP	03 00.00	1.9	Z	16s	16.50um	6.4MszX		
TIM	58.31	32	iPc	02 28.00	8.2X	KONO	64.15	16	eP	03 07.50	8.5X	N	18s	60.00um			
BUD	58.35	30	eP	02 17.50	-2.5	GAZ	64.24	48	eP	03 00.00	0.0	E	15s	15.00um			
EDU	58.44	11	eP	02 18.90	-1.6	DHJN	64.36	70	eP	03 04.00	2.5X	MOS	72.52	30	eP	03 51.00	-0.1
CLL	58.48	23	eP	02 20.00	-0.9	KVT	64.96	43	eP	03 04.00	-0.7		1.8s	270.00nm	6.0mb		
	1.8s	160.00nm	5.8mb			SIM	65.41	39	eP	03 11.00	3.6X	Z	21s	44.00um	6.7Msz		
		i	02 26.80	22km			E	20s	30.00um			N	22s	59.00um			
BRG	58.52	24	iP	02 20.90	-0.3			e	03 32.00	81kmX		E	22s	48.80um			
	1.4s	34.00nm	5.2mb														

E 17s	2.00um					PV08	89.82 308 (P)	05 25.04	1.8	Z 20s	17.50um	6.7MsZ
	e	05 12.00	295kmX			PV10	90.13 308 eP	05 23.46	-1.1	N 22s	10.30um	
	e	06 39.00					epPd	05 26.01	8kmX	E 18s	15.40um	
	(S)	13 16.00					e	05 35.58			PP	13 35.00
MAK	73.57 45 eP	04 04.00	6.5X			PV09	90.20 308 eP	05 25.05	0.1	SNY	127.05 34 ePKP	11 44.60 16.1X
	iS	13 19.00					e	05 27.07	6kmX	Z 18s	15.10um	6.7MsZ
	i	13 59.90				BRVK	90.21 37 eP	05 24.00	-0.2	N 15s	8.42um	
GRT	74.38 308 (P)	04 02.52	0.1				1.2s 48.00nm		5.6mb	E 15s	5.47um	
ELC	74.45 309 eP	04 00.03	-2.8X				eS	16 19.00		MDJ	128.20 28 ePKP	11 45.30 14.7X
	e	04 11.01	36km			SRU	91.29 309 (P)	05 29.24	-0.6	Z 40s	17.60um	6.4MsZ
	e	04 21.00				EMUT	91.51 310 eP	05 29.19	-1.7	N 14s	6.27um	
SHI	74.55 59 eP	04 03.00	-0.8			TUC	91.54 302 P	05 40.00	-9.0X	E 16s	11.20um	
BAK	74.65 48 iPc	04 10.00	6.2X			Z 18s	3.66um		5.9MsZ	NJ2	129.63 47 ePKP	11 38.00 4.3X
	iS	13 46.00				LCCM	92.19 316 eP	05 46.40	12.6X	N 19s	13.40um	
SDF	74.89 17 iP	04 12.40	7.6X			MSU	92.59 308 (P)	05 35.60	-0.3	E 20s	11.80um	
SLM	75.53 310 P	04 20.00	11.1X			YKA	92.95 332 eP	05 31.60	-5.0X		PP	13 53.00
	Z 19s	3.93um	5.7MsZ				1.1s 4.80nm		4.8mb	HON	134.73 300 PKP	11 50.00 6.3X
FVM	75.53 309 eP	04 05.84	-3.2X			DUG	93.04 310 (P)	05 36.81	-1.0	Z 21s	2.33um	5.9MsZ
	0.8s	25.59nm	5.3mb				1.5s 9.34nm		5.0mb	MAT	138.58 28 ePKP	12 07.00 16.4X
	Z 18s	8.09um	6.1MsZ			POO	93.18 72 eP	05 42.00	3.4X	CAN	142.67 164 ePKP	12 15.20 17.2X
		epPd	04 08.31	8kmX		FRU	93.27 47 (P)	05 41.00	2.4	STK	143.01 152 ePKP	12 06.30 7.7X
		e	04 17.62				i	18 00.00			0.7s	1.10nm
OLY	75.85 307 eP	04 08.18	-2.7X			TLG	95.27 47 eP	05 40.00	-7.9X	BWA	143.34 163 e(PKP)	12 15.70 16.5X
KEV	76.63 15 eP	04 34.00	19.4X				2.8s 22.00nm		5.1mb	ASPA	144.55 135 ePKP	12 00.00 -1.5
	0.7s	42.70nm				TPNV	95.88 307 P	06 00.00	-9.0X		1.5s	12.80nm
APA	77.06 18 iPc	04 28.00	11.0X			Z 19s	4.44um		6.0MsZ	WRA	147.11 130 PKP	12 11.40 5.6X
DAG	77.24 0 eP	04 19.40	1.6			NDI	96.01 61 eP	06 05.00	13.5X		0.9s	1.20nm
	0.8s	21.64nm	5.2mb				eS	17 30.00		WB2	147.12 130 ePKP	12 15.60 9.8X
MIAR	77.38 305 (P)	04 18.16	-1.3			PRZ	96.08 47 eP	06 02.00	10.3X		0.7s	7.70nm
	Z 20s	3.28um	5.6MsZ				1.2s 40.00nm		6.5MsZ	ARMA	148.01 165 ePKP	12 22.00 14.9X
		e	04 28.91	35km			Z 18s	15.10um			e	12 39.00
UYO	78.04 305 iPc	04 23.20	0.1			GBA	96.70 76 P	06 14.00	19.3X	RMQ	150.75 158 ePKP	12 25.00 13.7X
KAT	79.21 50 eP	04 28.00	-1.3			HYB	97.68 73 eP	06 18.50	19.3X		1.0s	58.00nm
	Z 14s	21.00um	6.6MsZ			ISA	97.77 306 P	06 10.00	10.6X		S.D. = 1.2 on 213 of 398 obs.	
	N 14s	30.00um					Z 19s	3.15um	5.8MsZ		DEC 26, 1992 20h 27m 24.16 ± 0.69s	
	E 14s	16.00um				ELT	99.74 36 eP	06 14.00	6.2X		39.230 N ± 6.1km 28.741 E ± 4.9km	
		i	04 39.00	36km			e	10 16.00			DEPTH = 10.0km (geophysicist)	
		ePPP	09 16.00				e	19 04.00		TURKEY	(366)	
		e	14 38.00							MD 3.3 (ISK).		
		eS	14 56.00			WMO	102.62 45 ePdiff	06 32.50	11.5X	DST	0.39 347 iPg	27 31.90 -0.2
LNO	79.39 307 eP	04 30.10	-0.2			Z 16s	21.80um		6.8MsZ		eSg	27 37.00
TUL	79.39 307 ePc	04 30.50	0.1			N 15s	19.40um			KCT	1.06 344 iPn	27 44.30 0.2
	0.6s	9.80nm	5.0mb			SIT	104.34 330 Pdiff	06 40.00	11.8X	ALT	1.08 99 ePn	27 44.30 -0.2
FNO	80.60 306 iPc	04 47.90	11.0X			Z 19s	5.41um		6.1MsZ	BNT	1.29 331 ePn	27 47.20 -0.9
ASH	80.63 52 eP	04 38.50	1.5			PMR	108.35 337 PKP	11 00.00	7.9X	EDC	1.30 329 iPn	27 49.00 0.7
OCO	80.69 306 iPd	04 38.30	0.9			Z 19s	6.67um		6.2MsZ	YLV	1.42 20 iPn	27 49.30 -0.8
MAIO	81.32 53 iPc	04 41.00	0.2			IRK	110.36 33 ePKP	10 50.00	-6.3X	I2M	1.42 235 ePn	27 50.00 -0.1
	1.1s	41.22nm	5.4mb				2.0s	28.00nm		GPA	1.61 48 iPn	27 52.20 -0.5
MEQ	81.50 305 iPc	04 42.00	0.3			Z 19s	13.95um		6.6MsZ	EYL	1.72 39 ePn	27 55.00 0.6
ULM	81.85 321 eP	04 46.00	2.9X			N 18s	11.31um			HRT	1.74 24 ePn	27 56.30 1.6
ACO	82.18 307 iPc	04 47.10	1.9			E 20s	12.69um			ISK	1.85 7 ePn	27 56.00 -0.1
FCC	82.61 330 eP	04 51.00	4.2X				e	11 28.00		CTT	1.93 353 ePn	27 57.60 0.3
ARU	83.79 33 eP	04 55.00	2.1				e	13 46.00		EZN	1.96 288 iPn	27 58.00 0.2
	Z 17s	24.00um	6.6MsZ			BOD	112.11 25 ePdiff	07 21.80	19.1X	ALN	2.66 310 eP	28 08.20 0.5
	N 18s	7.00um				CIT	115.38 30 ePKP	11 20.00	14.1X	DMK	2.70 344 ePn	28 07.00 -1.3
	E 19s	22.00um					e	12 05.30			S.D. = 0.8 on 15 of 15 obs.	
		ePPP	10 02.00			LZH	116.67 49 ePKP	11 26.00	17.0X		& DEC 26, 1992 20h 52m 40.70s	
		ePS	16 22.00			Z 36s	28.00um		6.6MsZ		56.366 N 120.762 W	
SVE	84.96 33 eP	05 00.00	1.2			E 18s	13.40um				DEPTH = 5.0km (geophysicist)	
	2.2s	260.00nm	6.1mb			HHC	120.19 42 ePKP	11 31.40	15.9X		5.0mb (1 obs.)	
	Z 19s	16.00um	6.4MsZ			XAN	121.29 50 ePKP	11 27.70	10.0X		BRITISH COLUMBIA, CANADA (23)	
	N 19s	6.00um				GYA	122.07 59 PKP	11 37.40	17.9X		<PGC-P>. ML 4.0 (PGC). Felt (V)	
	E 19s	11.00um					Z 34s	12.90um	6.3MsZ		at Fort St. John.	
		e	10 04.00				N 21s	16.10um		BDBC	0.87 258 P	52 56.60 -1.3
MAW	86.50 158 e(P)	05 30.00	23.7X				E 21s	13.10um		FSB	2.78 229 P	53 24.40 -2.3
	1.2s	88.20nm				TIY	122.28 44 ePKP	11 29.80	10.3X		Lg	54 06.50
RSSD	86.59 314 eP	05 06.93	-0.6			Z 18s	28.80um		7.0MsZ	MUB	3.73 316 P	53 38.50 -1.8
	1.1s	31.73nm	5.5mb			E 17s	12.40um				S	54 23.00
	Z 20s	5.99um	6.0MsZ			BJI	123.62 40 ePKP	11 34.00	12.1X		Lg	54 37.00
RES	86.75 345 eP	05 11.50	4.1X			Z 22s	30.80um		6.9MsZ		S	54 39.00
QUE	87.05 60 eP	05 12.30	2.3			N 20s	19.90um			MNB	4.40 161 P	53 48.00 -1.9
	eS	16 09.30				TIA	126.28 44 PKP	11 40.70	13.4X		S	54 57.50
GLD	87.20 310 (P)	05 09.30	-1.2			Z 28s	18.40um		6.6MsZ		Lg	54 57.50
	1.4s	74.79nm	5.7mb			N 18s	13.70um			SLEB	5.44 162 P	54 02.00 -2.6
	Z 21s	6.40um	6.0MsZ			E 18s	7.29um			YKA	6.90 24 eP	54 21.80 -3.1
GOL	87.31 310 eP	05 10.66	-0.5			CN2	126.74 31 ePKP	11 43.00	15.1X		0.5s	6.20nm
	Z 19s	0.45um	4.9MsZ				Z 24s	13.80um	6.6MsZ			5.0mb
		epP	05 13.07	8kmX			N 18s	4.92um		FCC	14.48 69 eP	56 03.50 -4.5
		e	05 21.59				E 18s	11.00um		ULM	16.03 102 eP	56 29.50 1.3
ALO	87.97 305 eP	05 13.70	-0.6			SMY	126.82 350 PKP	11 40.00	12.3X	RES	20.92 19 eP	57 24.00 -2.1
	1.0s	9.08nm	5.0mb				Z 21s	6.51um	6.3MsZ		9 obs. associated	
	Z 21s	5.51um	5.9MsZ			OIZ	126.91 67 ePKP	11 35.00	6.1X		DEC 26, 1992 21h 18m 31.20 ± 0.82s	
		epP	05 15.91	7kmX			N 18s	6.73um			40.114 N ± 9.2km 25.027 E ± 5.2km	
SPA	89.44 180 ePc	05 44.70	24.1X				E 19s	10.60um			DEPTH = 10.0km (geophysicist)	
	1.0s	120.00nm				WHN	126.91 51 ePKP	11 37.00	8.4X			

26d 21h

AEGEAN SEA						(365)	STD	4.63	58	P	12	17.38	0.3	ZSP	7.34	143	iPd	12	52.21	-3.1X
OUR	0.83	286	ePg	18	47.92	0.7	JLK	4.63	59	P	12	17.28	0.2	BKS	7.41	143	iPd	12	52.09	-4.1X
EZN	1.04	106	ePg	18	51.00	0.2	REMW	4.63	59	P	12	17.76	0.4			eS	14	22.34		
			eSg	19	05.00		YEL	4.63	59	P	12	17.74	0.4	JEGM	7.62	145	(P)	12	55.78	-3.4X
PAIG	1.05	260	ePg	18	51.08	0.1	VBEM	4.65	74	P	12	17.40	-0.1	PCC	7.66	145	iPc	12	56.10	-3.7X
			eSg	19	05.68		SMW	4.65	42	P	12	16.76	-0.7	DPW	7.82	56	eP	13	00.76	-1.2
ALN	1.10	44	ePg	18	50.64	-1.2	ESD	4.65	59	P	12	18.03	0.5	STAN	7.83	144	iPd	12	57.24	-4.9X
			eSg	19	06.32		SOSW	4.68	59	P	12	18.04	0.2	MHC	8.12	142	iPd	13	02.63	-3.6X
SOH	1.46	300	ePb	18	56.88	-0.7	VLL	4.68	69	P	12	18.11	0.2	ARN	8.16	142	ePc	13	03.64	-3.1X
SRS	1.48	313	ePb	18	57.24	-0.7	TDL	4.68	57	P	12	17.84	-0.1	CMB	8.18	134	iPd	13	06.29	-0.7
			eSb	19	18.36		OFK	4.71	30	P	12	19.61	1.4	NEW	8.64	56	ePd	13	11.54	-1.9X
RZN	1.59	352	iPc	18	59.00	-0.6	VFP	4.79	71	P	12	19.31	-0.2	SAO	8.68	143	iPd	13	09.63	-4.4X
MMB	1.77	327	eP	19	03.00	0.9	LMW	4.80	53	P	12	19.38	-0.2	KVN	8.81	120	eP	13	18.63	2.6X
KNT	1.93	304	ePb	19	03.80	-0.6	LGPM	4.81	127	ePd	12	19.90	0.2	LLA	9.03	142	iPd	13	17.25	-1.5
			eSb	19	28.92		QTR	4.83	29	P	12	22.26	2.3	PRS	9.08	145	iPc	13	15.29	-4.2X
LIT	1.95	270	ePn	19	04.76	0.1	OSD	4.86	35	P	12	20.17	-0.4	MMPM	9.22	130	eP	13	22.93	1.2
DIM	1.97	11	eP	19	07.00	2.0	OBC	4.89	32	P	12	20.72	0.0	MEMM	9.23	130	eP	13	22.20	0.7
PLD	2.00	353	P	19	09.00	3.6X	GULW	4.89	64	P	12	21.15	0.3	FRI	9.32	135	iPc	13	22.95	0.2
GRG	2.17	294	ePn	19	07.68	-0.2	MEW	4.92	47	P	12	21.58	0.4	BONR	9.39	126	eP	13	23.59	-0.5
VAY	2.22	304	ePn	19	14.00	5.4X	ASR	4.98	61	P	12	22.34	0.2	MRCM	9.47	128	eP	13	26.17	1.1
JMB	2.63	26	eP	19	20.00	5.6X	GMO	5.01	82	P	12	21.17	-1.4	PR1	9.55	142	iPc	13	23.77	-2.3
CTT	2.79	67	ePn	19	12.30	-4.4X	HDW	5.02	41	P	12	22.63	0.0	MTUM	9.66	130	eP	13	28.76	1.1
DST	2.82	99	ePn	19	20.00	2.8X	GHW	5.02	50	P	12	22.52	-0.1	PKEM	9.87	140	eP	13	21.54	-8.8X
VTS	2.83	332	eP	19	20.00	2.6X	CROR	5.05	76	P	12	21.88	-1.2	TNP	9.95	122	ePc	13	32.66	0.9
							GMW	5.08	43	(P)	12	22.59	-0.8	BCH	10.61	143	eP	13	37.36	-3.2X
										eS	13	24.45		ISA	10.98	136	ePd	13	44.26	-1.3
S.D. = 1.0 on 12 of 18 obs.							LBFM	5.12	118	eP	12	23.68	-0.6	HHA1	11.26	88	eP	13	50.29	0.7
& DEC 26, 1992 21h 45m 28.55s							LON	5.13	55	iPc	12	23.91	-0.2	TPNV	11.28	124	eP	13	52.74	3.0X
64.963 N							RVC	5.14	52	P	12	24.28	0.0	HVU	11.30	96	eP	13	51.03	0.9
DEPTH = 16.4km							STW	5.14	33	P	12	24.72	0.5	PTI	11.34	90	eP	13	51.73	1.0
CENTRAL ALASKA						(1)	REMR	5.14	54	P	12	24.67	0.2	LCCM	11.52	75	eP	13	52.00	-1.1
<AEIC>. ML 2.6 (AEIC).							GLK	5.15	57	P	12	24.84	0.2	DUG	11.81	103	eP	13	56.40	-0.6
GLM	0.05	59	P	45	31.60	-0.2	WDC	5.19	128	eP	12	23.47	-1.6	GSC	12.13	132	ePd	14	00.92	-0.3
			S	45	33.40		RCS	5.24	54	P	12	26.07	0.1	SSK	12.52	137	eP	14	04.98	-1.6
FBA	0.15	245	P	45	32.70	0.1	VIPM	5.26	81	P	12	24.65	-1.5	ARUT	12.53	114	eP	14	07.74	1.0
			S	45	35.00		WPW	5.26	56	P	12	26.16	0.1	DAU	12.83	100	eP	14	10.23	-0.6
MDM	0.32	270	P	45	35.20	-0.2	FMW	5.30	53	P	12	26.25	-0.2	MSU	13.00	109	eP	14	12.96	-0.1
CCB	0.35	204	P	45	35.70	-0.2	VGB	5.31	70	iPc	12	26.26	-0.5	PEC	13.04	137	eP	14	10.60	-2.8X
HDA	0.60	158	P	45	40.20	-0.1	BLN	5.32	38	P	12	27.16	0.3	EMUT	13.37	102	eP	14	18.46	0.5
NEA	0.79	241	P	45	43.50	0.1	SPW	5.36	46	P	12	28.20	0.9	PLM	13.62	137	eP	14	19.08	-2.1
MLY	1.39	274	P	45	53.00	-0.2	PGW	5.36	42	P	12	27.64	0.3	SRU	13.87	104	eP	14	25.33	0.9
MCK	1.39	208	P	45	54.20	1.0	GSM	5.38	50	P	12	27.75	-0.1	SIT	13.95	343	(P)	14	20.58	-4.6X
FYU	1.86	29	P	46	00.80	0.9	GL2	5.41	66	P	12	27.82	-0.4		1.2s	64.46nm			5.3mb	
TRF	1.95	220	P	46	02.70	1.2	RMW	5.53	48	ePc	12	29.60	-0.3	GLA	14.90	132	eP	14	38.52	0.7
										eS	13	37.90		PV09	15.11	105	eP	14	41.08	0.2
							PGC	5.63	32	eP	12	30.50	-0.6	PV10	15.23	105	eP	14	44.65	2.2
								0.7s	111.00nm			5.6mb X	PV08	15.42	104	eP	14	46.79	1.9	
DEC 26, 1992 22h 11m 05.45±0.17s							BLH	5.65	44	P	12	31.87	0.4	RSSD	17.15	81	eP	15	07.32	0.5
43.934 N ± 2.0km 127.887 W ± 1.9km							NAC	5.71	58	P	12	32.58	0.2		1.4s	375.46nm			5.3mb	
DEPTH = 10.0km (geophysicist)							OHW	5.75	38	P	12	32.95	0.1	GOL	17.29	96	iPc	15	09.39	0.7
5.3mb (69 obs.) 5.3MsZ (22 obs.)							HTW	5.76	46	P	12	32.52	-0.6		0.9s	28.55nm			4.4mb	
OFF COAST OF OREGON						(30)	LMEM	5.79	124	P	12	34.00	0.4	GLD	17.38	96	iPc	15	10.77	1.0
ML 5.5 (BRK).							YAKW	5.80	61	P	12	34.75	1.1		1.1s	231.02nm			5.2mb	
RNO	3.00	89	P	11	52.35	-1.6	MIN	5.89	125	iPd	12	36.72	1.8	TUC	17.73	125	eP	15	13.28	-0.7
MPOR	3.17	78	P	11	55.12	-1.3	MCW	5.90	35	eP	12	34.61	-0.3		1.0s	56.09nm			4.6mb	
DBO	3.47	102	P	11	59.58	-1.1	JBO	5.94	72	P	12	34.64	-0.9	ALO	18.79	111	ePc	15	27.59	0.4
TKO	3.47	64	P	11	59.93	-0.8	JCW	5.94	42	P	12	35.54	-0.1		1.4s	144.58nm			5.0mb	
HSO	3.50	95	P	11	59.53	-1.6	EBG	5.95	57	P	12	35.84	0.1	BALM	19.18	338	eP	15	29.86	-1.8
KMOR	3.56	60	P	12	01.29	-0.7	MXC	5.98	61	P	12	35.95	-0.1	YKA	20.14	18	eP	15	41.50	-0.7
NLO	3.81	54	P	12	05.30	-0.3	CMW	6.02	40	P	12	37.21	0.5		1.1s	67.10nm			4.9mb	
FBO	3.84	83	P	12	05.32	-0.7	TBM	6.05	55	P	12	37.43	0.2	KLU	20.57	335	eP	15	46.14	-0.7
SSOR	4.00	75	P	12	08.05	-0.1	PATW	6.09	69	P	12	37.09	-0.6	KDC	20.64	321	eP	15	45.65	-1.7
HBO	4.02	89	P	12	07.63	-1.0	BRVW	6.13	63	P	12	38.94	0.6		1.5s	71.44nm			4.8mb	
ONR	4.13	43	P	12	09.61	-0.3	PRW	6.24	66	P	12	39.21	-0.6	TOA	21.13	336	eP	15	54.00	1.6
ARC	4.16	136	iPd	12	06.40	-3.9X	RPW	6.32	42	P	12	40.55	-0.4	SLKM	21.33	329	eP	15	53.86	-0.6
			eS	12	09.35		MDW	6.33	62	P	12	40.68	-0.4	PMS	21.59	331	eP	15	57.10	0.0
BMW	4.16	51	ePc	12	09.52	-0.9	BVW	6.33	60	P	12	40.88	-0.2	PMR	21.68	332	eP	15	58.80	0.8
PGO	4.17	67	P	12	10.89	0.4	RSW	6.36	64	P	12	41.35	-0.3		1.5s	184.80nm			5.3mb	
GT2	4.20	71	P	12	10.98	0.0	MBW	6.38	38	P	12	42.64	0.7	Z	21s	11.50um			5.3MsZ	
FHC																				

LNO	25.76	97	eP	25 58.00	0.6	HFS	71.62	19	eP	22 27.90	-0.6	S	33 25.00				
			e	16 38.30			1.1s	33.70nm			5.4mb	sS	33 32.00				
				16 42.50		Z	17s	447.00um			7.8MszX	GRF	80.15	26 ePc	23 18.00	1.0	
IMA	26.28	336	eP	16 42.40	-0.1			LR	48 12.00			e			23 23.10		
	1.9s			113.40nm	5.2mb	KAF	72.28	12	eP	22 33.00	0.6	SMF	80.22	31 eP	23 17.00	-0.4	
UYO	27.57	99	iPc	16 54.40	0.0	UPP	72.76	17	iP	22 35.10	-0.2		1.5s	49.60nm		5.3mb	
MIAR	28.01	98	eP	16 58.48	0.1	SNY	73.28	312	eP	22 36.00	-2.6	BSF	80.29	29 eP	23 17.80	-0.1	
	0.9s			96.11nm	5.6mb	NUR	73.52	14	eP	22 40.20	0.5		1.0s	28.20nm		5.2mb	
Z	19s			6.17um	5.2Msz	IRK	74.14	330	ePc	22 46.00	2.6	MNK	80.30	14 eP	23 20.00	2.4	
SLM	28.61	88	P	17 10.00	6.2X		1.5s	24.00nm			5.0mb	LFF	80.42	34 eP	23 18.70	0.3	
	Z	20s		9.22um	5.4Msz	Z	18s	2.40um			5.5Msz		1.2s	39.00nm		5.3mb	
FVM	28.73	89	eP	17 04.15	-0.7	N	20s	1.79um				RJF	80.43	34 eP	23 18.30	-0.2	
	Z	19s		91.93nm	5.7mb	E	17s	0.99um					1.4s	73.60nm		5.5mb	
				9.18um	5.4Msz			e	22 50.20			Z	21s	1.67um		5.4Msz	
OLY	29.06	94	ePd	17 07.67	-0.2			e	22 57.10			OBN	80.46	9 iPc	23 18.20	-0.3	
ELC	29.89	89	ePd	17 14.60	-0.7	MOY	75.81	331	eP	22 52.80	-0.2		1.0s	21.00nm		5.1mb	
BRW	30.85	342	(P)	17 21.56	-1.8	WIT	76.01	26	eP	22 56.00	1.9		i		23 23.00		
MRX	32.87	129	(P)	17 44.00	2.4	ZAK	76.05	329	eP	22 50.00	-4.3X	KSP	80.60	22 ePd	23 19.60	0.3	
HON	33.63	238	P	18 00.00	11.8X		2.4s	36.00nm			5.0mb		i		23 24.20		
Z	19s			3.92um	5.1Msz	Z	18s	1.54um			5.4Msz	TIA	80.80	312 eP	23 19.00	-1.6	
EEO	34.01	68	eP	17 54.00	2.7X	N	17s	1.76um				LPO	80.81	34 eP	23 20.50	0.0	
PPM	34.85	126	(P)	18 00.00	0.6	E	16s	0.97um					1.3s	24.20nm		5.1mb	
MCWV	35.67	80	eP	18 06.03	0.5	WTS	76.75	27	eP	22 59.50	1.2	PRU	80.88	23 P	23 21.50	0.7	
	Z	19s		103.21nm	5.7mb		0.8s	21.00nm			5.3mb	Z	21s	1.40um		5.3Msz	
				4.64um	5.3Msz			e	23 07.00			CAF	80.97	33 eP	23 21.20	-0.2	
NAV	35.95	84	eP	18 07.86	-0.2	FLN	76.82	33	eP	22 58.80	0.1		1.1s	17.10nm		5.0mb	
BLA	36.27	84	eP	18 09.42	-1.3		1.3s	71.10nm			5.6mb	BTO	81.03	319 eP	23 20.30	-1.6	
	0.8s			34.04nm	5.2mb	Z	22s	0.98um			5.1Msz	WET	81.14	25 iPc	23 23.50	1.3	
PRM	36.31	90	eP	18 10.02	-1.0	GRR	76.98	33	eP	23 00.00	0.4	LPB	81.19	123 P	23 23.00	-0.3	
JSC	37.02	89	ePc	18 16.47	-0.5		1.3s	90.25nm			5.7mb	EPLA	81.31	41 eP	23 24.00	0.7	
LHS	37.24	88	ePd	18 17.56	-1.3	LDF	77.10	33	eP	23 00.50	0.2	KHC	81.37	24 P	23 24.50	1.1	
CVL	37.34	82	ePd	18 18.68	-0.9		1.2s	61.00nm			5.6mb		1.4s	18.40nm		4.9mb	
OXX	37.52	126	(P)	18 24.50	3.0X	SNF	77.15	29	P	23 01.50	1.0	Z	18s	1.50um		5.4Msz	
RSNY	37.66	70	eP	18 21.80	-0.4	LPF	77.19	33	eP	23 01.20	0.4	N	18s	1.00um			
	1.0s			53.38nm	5.3mb		1.1s	42.25nm			5.4mb	E	18s	0.80um			
Z	20s			3.32um	5.1Msz	DOU	77.60	29	Pc	23 04.20	1.2		i		23 29.50		
CEH	37.81	85	eP	18 23.37	-0.2	BNS	77.75	27	ePd	23 04.50	0.7		e		23 41.00		
	1.4s			134.72nm	5.5mb	UER	78.18	335	eP	22 54.50	-11.6X	CNCB	81.47	123 P	23 24.30	-0.7	
Z	19s			7.02um	5.5Msz		2.2s	16.00nm				GEC2	81.66	25 e(P)	23 34.30	9.3X	
CBN	38.02	81	iPc	18 26.80	1.5	BJI	78.44	315	eP	23 01.00	-6.8X		0.7s	7.40nm		4.9mb	
	1.1s			55.00nm	5.2mb	WLF	78.51	28	P	23 10.00	2.0	GEC2	81.66	25 P	23 25.00	0.0	
SGS	38.10	90	eP	18 24.94	-1.1	MFF	78.71	34	eP	23 09.30	0.1		0.8s	4.99nm		4.6mb	
SMY	38.59	304	P	18 40.00	10.1X		1.5s	46.50nm			5.3mb		pP		23 28.10	10kmX	
Z	18s			1.53um	4.8Msz	ELT	78.85	340	eP	23 12.00	2.2		e		23 33.80		
LVNJ	38.81	76	eP	18 31.38	-0.5		2.4s	77.00nm			5.3mb		e		23 36.80		
HRV	40.39	72	P	18 50.00	5.0X	Z	16s	0.90um			5.2MszX		PP		26 39.10		
	Z	21s		10.16um	5.6Msz			eS	33 10.00				e		26 42.40		
CBM	41.16	64	P	19 00.00	8.7X	ARE	79.11	126	eP	23 13.00	0.9	GUD	81.76	40 iPd	23 26.50	0.8	
Z	21s			0.95um	4.6Msz	CLL	79.26	24	iPd	23 12.60	0.5	OJC	82.09	20 eP	23 27.70	0.6	
LMN	43.69	64	eP	19 16.00	4.1X		1.2s	26.00nm			5.1mb		e		23 36.90		
MGD	49.23	319	eP	19 55.00	-0.5	SVE	79.37	355	eP	23 10.10	-2.5	TIY	82.10	316 eP	23 30.40	2.9X	
			e	19 59.00		MOX	79.43	25	eP	23 13.70	0.6	BRVK	82.13	349 eP	23 27.00	-0.3	
YAK	57.56	327	eP	20 54.00	-3.1X		1.0s	10.00nm			4.8mb		1.1s	32.00nm		5.3mb	
	1.0s			50.00nm	5.5mb			i	23 19.20				eS		33 47.00		
YSS	59.38	307	(P)	20 55.00	-15.0X	LSF	79.66	33	eP	23 14.20	-0.2	PAB	82.54	41 eP	23 30.00	0.2	
TOV	60.45	106	eP	21 14.70	-3.1X		1.4s	42.25nm			5.2mb	ORO	82.61	30 P	23 31.40	1.4	
SDV	60.51	107	eP	21 18.00	-0.3	LOR	79.71	31	eP	23 14.80	0.2	SEM	82.90	342 (P)	23 31.00	-0.3	
NRI	63.91	347	(P)	21 38.00	-2.2		1.2s	41.05nm			5.3mb	Z	16s	2.00um		5.6MszX	
	2.0s			44.00nm	5.3mb	Z	21s	1.50um			5.3Msz	EVAL	82.93	43 eP	23 31.00	-0.7	
BOD	66.22	329	eP	21 51.40	-3.7X	SSF	79.75	31	eP	23 14.90	0.1	VKA	82.94	23 e(P)	23 32.00	0.4	
	1.0s			23.00nm	5.3mb		1.8s	109.60nm			5.5mb	KBA	83.12	26 iPd	23 33.60	0.8	
SDF	67.27	10	iP	22 01.30	-0.4	TCF	79.90	33	eP	23 15.60	-0.1		1.2s	36.50nm		5.4mb	
MAT	68.27	300	eP	22 06.00	-2.5		1.3s	52.35nm			5.4mb		e		23 38.20		
	0.8s			12.69nm	5.2mb	AVF	79.92	32	eP	23 15.60	-0.1	SPC	83.15	20 eP	23 34.00	1.1	
ELO	69.52	29	eP	22 15.50	-0.3		1.5s	66.35nm			5.4mb		e		23 39.00		
EDU	69.70	29	eP	22 21.80	4.9X	BGF	79.92	32	eP	23 15.60	-0.1	ZST	83.23	23 e(P)	23 28.80	-4.2X	
	1.1s			39.00nm	5.5mb		1.4s	64.05nm			5.4mb		e		23 33.80		
EBH	69.76	29	eP	22 17.70	0.4	BRG	79.92	23	iP	23 16.20	0.5		EHOR	83.48	42 iPc	23 35.00	0.5
	1.0s			64.00nm	5.7mb		1.0s	22.00nm			5.1mb	SOP	83.54	23 eP	23 35.50	0.9	
EAU	70.09	30	eP	22 19.70	0.4			i	23 21.00			EBAN	83.91	41 eP	23 37.80	1.1	
DMU	70.29	33	eP	22 26.20	5.6X	MOS	79.95	8	eP	23 11.00	-4.7X	SRO	83.91	22 eP	23 36.60	0.1	
EBL	70.29	30	eP	22 20.90	0.3	CDF	79.97	28	eP	23 16.30	0.2	EVIA	84.13	40 eP	23 39.00	1.1	
	1.2s			33.00nm	5.3mb		0.9s	37.65nm			5.4mb	SIV	85.16	117 iPc	23 46.90	3.7X	
NAO	70.33	20	P	22 20.40	-0.3	HAU	79.99	29	eP	23 16.10	0.0	UZH	84.17	19 eP	23 38.00	0.2	
	0.9s			14.70nm	5.1mb		1.4s	51.85nm			5.3mb		e		23 43.00		
ESY	70.33	29	eP	22 21.00	0.2	Z	19s	1.17um			5.3Msz	PSZ	84.24	21 eP	23 39.50	1.2	
DCN	70.56	33	eP	22 22.40	0.2	LBF	79.99	31	eP	23 16.20	0.0	EJIF	84.45	43 eP	23 40.60	1.2	
	1.0s			81.00nm	5.8mb		1.2s	24.10nm			5.0mb	MAL	84.75	42 iPc	23 42.50	1.6	
DCN	70.56	33	eP	22 28.00	5.8X	MAF	80.09	32	eP	23 16.90	0.2	ZAG	85.06	24 eP	23 43.70	1.4	
	1.0s			93.00nm	5.9mb		1.2s	46.40nm			5.3mb	EGUA	85.07	42 eP	23 44.00	1.4	
EKA	70.60	30	P	22 28.00	5.6X	HHC	80.10	318	eP	23 16.40	-0.6	SIV	85.16	117 iPc	23 46.90	3.7X	
	1.2s			17.10nm	5.1mb		1.0s	8.50nm			4.7mb	FIR	85.36	28 eP	23 45.00	1.2	
CIT	70.72	325	eP	22 22.00	-1.3	Z	19s	1.77um			5.4Msz	SFI	85.44	28 P	23 44.80	0.6	
DLF	70.89	33	eP	22 23.00	-1.2	N	15s	0.91um				XAN	86.74	316 P	23 49.20	-1.8	
CN2	70.92	313	eP	22 21.80	-2.8	E	12s	0.38um					pP		23 57.70	27kmX	
	1.0s			58.00nm	5.7mb			pP	23 21.00		15kmX	LZH	87.54	320 eP	23 54.00	-0.9	
			eP	22 25.60	12kmX			sP	23 24.50				1.2s	20.00nm		5.3mb	
												Z	18s	2.79um		5.7Msz	

26d 22h

N 16s 2.05um
sP 24 04.00
WRA 109.05 260 PKP 29 39.70 2.6X
0.7s 0.30nm
BCAO 123.17 41 iPKP 30 06.30 2.1X
0.9s 9.00nm
id 31 49.00
NVL 146.61 157 ePKP 30 45.00 -0.8
SLR 153.46 55 ePKP 30 59.00 1.2
0.7s 17.12nm
i 31 27.00
FRS 154.45 65 ePKP 31 02.00 3.2X
BLF 154.58 63 ePKP 31 00.70 1.5
S.D. = 0.9 on 285 of 333 obs.

* DEC 26, 1992 22h 13m 26.01 ± 1.08s
35.452 N ± 8.9km 139.708 E ± 10.5km
DEPTH = 32.7 ± 7.5 km
4.3mb (4 obs.)

NEAR S. COAST OF HONSHU, JAPAN (230)

CHJJ 0.83 316 P 13 39.60 -1.7
KAKJ 0.84 27 P 13 42.00 0.6
S 13 52.50
IIDJ 1.47 272 P 13 51.70 1.2
S 14 08.80
MAT 1.63 312 iPd 13 52.50 -0.3
iS 14 13.70
NIIJ 1.87 342 P 13 56.60 0.3
MTMJ 1.91 307 P 13 57.80 0.8
iS 14 23.80
YAMJ 2.73 5 eP 14 09.60 1.2
eS 14 40.70
TSRJ 3.04 273 P 14 17.60 4.7X
S 14 56.20
WKYJ 3.60 251 P 14 21.40 0.5
OFUJ 3.94 23 eP 14 25.80 0.1
eS 15 10.40
WB2 55.32 186 iPd 22 57.90 -1.0
0.6s 4.20nm 4.6mb
e 23 07.70
WRA 55.33 186 P 22 58.30 -0.6
0.5s 1.40nm 4.2mb
ASPA 59.05 186 eP 23 26.70 1.5
1.4s 3.20nm 4.3mb
NAO 75.39 337 P 25 05.80 -2.0
0.8s 3.10nm 4.4mb
LPB 148.87 60 (PKP) 33 12.00 3.2X
CNCB 149.14 60 PKP 33 16.00 6.6X
SIV 153.16 49 PKP 33 28.00 13.4X
S.D. = 1.3 on 13 of 17 obs.

% DEC 26, 1992 22h 37m 46.76 ± 3.77s
34.338 S ± 24.1km 70.468 W ± 14.1km
DEPTH = 11.6 ± 5.6 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.9 (SAN).

CACH 0.25 334 iP+ 37 52.29 0.1
CHCH 0.43 339 iP+ 37 55.84 0.2
(S) 38 04.05
PCH 0.72 357 iP+ 38 00.37 -0.4
iS 38 12.21
TACH 0.79 330 iP+ 38 01.94 0.0
iS 38 14.65
LNV 0.87 296 iP+ 38 02.92 -0.4
iS 38 16.51
SAN 0.90 350 iP+ 38 03.60 -0.2
iS 38 17.85
FCH 1.02 8 iP+ 38 05.53 -0.6
iS 38 20.89
PEL 1.20 351 iP+ 38 08.92 -0.2
iS 38 26.96
LCCH 1.26 313 iP+ 38 09.78 -0.2
iS 38 28.63
ROCH 1.44 341 iP 38 13.53 0.7
iS 38 34.51
JACH 1.65 356 iP 38 16.41 0.6
iS 38 40.55
S.D. = 0.5 on 11 of 11 obs.

& DEC 26, 1992 22h 46m 03.20s
36.578 N 121.207 W
DEPTH = 4.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.9 (BRK), 3.1 (GS).
Felt (III) at Pacific Grove.

LLA 0.22 80 iPc 46 07.61 0.0
eS 46 10.78
SAO 0.27 314 iPd 46 08.36 -0.2
eS 46 12.42
PRS 0.28 208 iPd 46 08.85 0.0
eS 46 12.86
PRI 0.62 135 iPd 46 15.20 -0.4
eS 46 29.45
GCC 0.78 306 iPc 46 17.49 -1.3
eS 46 30.42
ARN 0.81 341 ePc 46 19.23 -0.2
S 46 31.78
MHC 0.84 336 iPc 46 19.69 -0.2
eS 46 32.51
PCC 1.32 315 iPd 46 26.14 -1.9
JEGM 1.37 313 P 46 25.24 -3.8
BKS 1.53 328 iPd 46 29.50 -1.9
eS 46 55.51
CMB 1.60 24 iPd 46 31.33 -1.0
eS 46 54.07
ZSP 1.60 329 eP 46 30.32 -2.0
BCH 1.66 146 eP 46 31.04 -2.3
MMPM 2.02 59 eP 46 38.89 0.1
eS 47 04.67
MEMM 2.11 58 ePd 46 40.52 0.8
eS 47 08.27
NTYM 2.15 328 eP 46 37.52 -2.7
MTUM 2.25 69 eP 46 41.94 -0.1
eS 47 11.17
ISA 2.39 112 eP 46 42.19 -1.7
MRCM 2.42 62 eP 46 45.15 0.7
eS 47 16.71
BONR 2.69 58 ePn 46 49.73 1.3
ORV 2.98 356 eP 46 51.16 -1.0
TNP 3.52 64 (Pn) 47 02.27 2.3
GSC 3.79 108 ePn 47 02.21 -1.6
TPNV 4.00 83 ePn 47 06.46 -0.3
24 obs. associated

& DEC 27, 1992 00h 18m 38.00s
34.352 N 116.894 W
DEPTH = 4.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.8 (PAS), 3.6 (GS).
Felt (IV) at Fawnskin and (III)
at Highland. Also felt at Big
Bear City.

PEC 0.51 206 iPd 18 47.62 -0.6
SSK 0.68 258 iPc 18 50.70 -0.8
GSC 0.95 4 iPd 18 55.67 -1.0
PLM 1.00 178 iPd 18 56.48 -1.1
ISA 1.84 316 ePn 19 09.34 -1.3
eS 19 35.60
GLA 2.16 126 eP 19 13.14 -2.1
TPNV 2.64 11 ePn 19 22.18 -0.1
eS 20 01.21
BCH 2.75 288 ePn 19 22.18 -1.7
MTUM 3.29 336 ePn 19 31.97 0.5
ePg 19 38.29
eS 20 21.45
MRCM 3.56 339 ePn 19 35.43 0.1
ePg 19 44.03
MMPM 3.68 333 ePn 19 37.58 0.4
ePg 19 45.41
eS 20 33.19
MEMM 3.70 334 ePn 19 38.68 1.6
ePg 19 46.24
TNP 3.73 356 ePn 19 36.70 -1.1
BONR 3.77 343 ePn 19 38.86 0.4
ePg 19 47.55
ARUT 4.42 38 ePn 19 46.23 -1.4
Lg 20 56.96
CMB 4.63 323 ePn 19 48.94 -1.5
eS 20 58.60
ARN 4.81 310 eP 19 51.88 -1.1
HMR 5.49 315 (Pn) 20 02.71 0.3
MSU 5.63 41 ePn 20 03.35 -1.4
ePg 20 22.38
SRU 6.98 45 (Pn) 20 23.83 0.2
PV09 7.50 54 ePn 20 29.66 -1.4
eLg 22 35.69
PV10 7.50 55 ePn 20 28.65 -2.4
22 obs. associated

DEC 27, 1992 01h 18m 16.51 ± 0.46s
1.081 S ± 7.8km 78.337 W ± 11.1km

DEPTH = 10.0km (geophysicist)
4.8mb (4 obs.)
ECUADOR (107)

PSO 2.47 24 eP 18 56.50 -1.4
BOG 7.09 37 eP 20 04.00 0.8
iS 21 53.50
BMG 9.65 33 eP 20 31.00 -7.6X
SDV 12.53 38 eP 21 01.50 -16.4X
TOV 13.74 38 eP 21 29.20 -4.8X
ZOBO 18.15 147 P 22 30.00 -1.1
LR 28 16.00
LPB 18.37 147 eP 22 33.00 -0.6
LR 28 40.00
CNCB 18.66 147 P 22 37.00 -0.3
TPX 21.03 320 eP 23 23.00 20.0X
iS 23 34.00
SIV 22.57 132 iPd 23 20.60 2.1
(S) 27 30.00
PRM 35.18 354 (P) 25 12.62 -0.1
UYO 38.19 338 iPc 25 38.10 0.0
OLY 38.41 343 eP 25 38.75 -1.2
MEO 40.41 334 iPd 25 55.30 -1.3
FVM 40.44 345 eP 25 53.79 -3.0X
0.7s 17.62nm 4.9mb
ACO 42.27 335 iPc 26 12.20 0.4
ALQ 44.46 326 eP 26 30.01 0.1
1.0s 13.86nm 4.8mb
GLD 47.50 332 eP 26 54.88 0.9
PV10 48.39 328 eP 26 59.50 -1.5
SRU 49.72 327 eP 27 11.74 0.6
MSU 50.22 325 eP 27 14.03 -1.0
RSSD 50.52 336 eP 27 16.65 -0.6
1.5s 18.36nm 4.8mb
HVV 52.82 328 eP 27 36.82 2.2
ULM 53.30 346 eP 27 39.00 1.2
BONR 53.54 321 (P) 27 39.77 -0.4
HHA 53.69 330 (P) 27 41.92 1.0
LCCM 55.31 332 eP 27 53.90 1.1
NTYM 56.60 319 (P) 27 58.64 -3.3X
LBFM 57.78 322 eP 28 09.71 -0.8
YKA 69.04 343 eP 29 21.60 -2.6X
0.9s 1.40nm 4.1mb
KIC 73.82 83 (P) 29 49.20 -4.6X
LZH 145.11 357 ePKP 37 56.60 0.0
1.5s 22.00nm
GKN 148.66 30 PKP 37 56.10 -6.5X
KKN 149.15 29 PKP 37 57.90 -5.6X
DMN 149.22 30 PKP 37 58.66 -5.0X
GUN 149.34 28 PKP 37 59.72 -4.2X
PKI 149.40 29 PKP 37 59.42 -4.6X
S.D. = 1.1 on 24 of 37 obs.

DEC 27, 1992 01h 47m 42.35 ± 2.40s
50.699 N ± 12.3km 96.570 E ± 23.9km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)

RUSSIA-MONGOLIA BORDER REGION (333)

ORL 2.70 47 ePg 48 24.80 0.3
eSg 49 01.20
MOY 2.95 69 eP 48 28.90 1.1
ePg 48 30.20
iSg 49 10.00
ARS 3.85 70 eP 48 39.60 -1.2
ePg 48 48.90
eSg 49 36.70
ZAK 4.29 92 eP 48 46.00 -1.0
iPgc 48 55.50
eSg 49 54.00
IRK 5.09 69 ePgc 49 09.50 11.2X
1.0s 82.00nm
Z 11s 0.83um
e 49 18.00
e 49 25.00
e 49 55.00
eSg 50 13.00
iSg 50 15.20
LR 50 36.00
WMO 9.15 225 eP 50 06.60 11.6X
GTA 11.52 167 eP 50 27.00 -0.6
Z 10s 0.64um
S 52 24.00
BTO 13.78 132 eP 50 56.60 -1.0
eS 53 25.00
HHC 14.34 128 eP 51 06.80 1.8
LZH 15.52 157 Pd 51 20.50 0.1

TACH	0.79	217	iPd	13	27.67	0.1
			iS	13	41.81	
CHCH	0.94	194	iP	13	29.08	-0.1
			iS	13	44.84	
LCCH	1.10	245	iPd	13	31.10	0.2
			iS	13	47.59	
CACH	1.11	190	iP	13	31.71	0.5
			iS	13	48.75	
LNv	1.27	223	iP	13	32.37	-0.6
			iS	13	50.80	
S.D.	= 0.3	on	11	of	11 obs.	

S.D. = 0.3 on 11 of 11 obs.

? DEC 27, 1992 03h 13m 29.82± 5.57s
39.258 N ±40.0km 28.698 E ±41.3km
DEPTH = 5.0km (geophysicist)
TURKEY (366)

MD 2.8 (ISK).

DST	0.35	351	ePg	13	36.50	-0.4
			eSg	13	41.50	
KCT	1.02	345	iPn	13	49.90	0.2
ALT	1.12	100	iPn	13	51.20	-0.1
YLV	1.41	21	ePn	13	56.40	0.2
S. D. = 0.5 on 4 of 4 obs.						

S.D. = 0.5 on 4 of 4 obs.

? DEC 27, 1992 03h 27m 58.27± 4.72s
39.298 N ±37.4km 28.746 E ±36.3km
DEPTH = 5.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

DST	0.32	343	ePg	28 04.40	-0.3
			eSg	28 09.20	
KCT	1.00	343	ePg	28 17.90	0.3
ALT	1.09	102	ePg	28 19.20	-0.1
YLV	1.36	21	ePn	28 23.90	0.1
S. D. = 0.4 on 4 of 4 obs.					

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

• DEC 27, 1992 04h 50m 43.81 \pm 0.77s
7.855 N \pm 12.3km 94.281 E \pm 10.4km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)

NICOBAR ISLANDS, INDIA (704)

SNG	6.32	96	eP	52	42.20	25.1X
NNT	7.14	48	eP	52	28.00	-0.6
IPM	7.45	115	eP	52	33.00	-0.1
CHG	11.80	22	eP	53	33.80	0.9
PKI	21.33	338	P	55	31.54	0.8
	0.6s				15.00nm	4.6mb

	0.6 s	15.00 nm		4.6 mb
GUN	21.47	339 P	55 30.74	-1.4
	0.8 s	31.00 nm		4.8 mb
DMN	21.48	337 P	55 32.68	0.6
	0.6 s	12.00 nm		4.5 mb
GKN	22.02	337 P	55 36.16	-1.2

GKN	22.02	337 P	55	36.16	-1.2
	0.8 s	31.00nm			4.8mb
NDI	26.23	324 eP	56	20.00	2.3
QUE	33.90	315 eP	57	27.30	1.1
WRA	48.14	126 P	59	24.00	1.0
	1.0 s	0.20nm			3.1mb X

ZST	75.64	318	eP	02	26.30	-1.1
KSP	76.37	320	eP	02	31.20	-0.3
GEC2	77.93	318	P	02	39.50	-0.8
	0.8s					
GRF	79.57	319	eP	02	49.30	0.1
NAC	79.99	330	eP	02	49.90	-1.3

79.37	319	EP	02	49.30	0.1
78.88	330	B	03	48.80	-1.1

S.D. = 1.2 on 15 of 16 obs.

DEC 27, 1992 05h 55m 15.37 ± 0.42s
38.046 S ± 5.7km 175.728 E ± 8.3km
DEPTH = 278.6 ± 5.1 km
4.4mb (7 obs.)

NORTH ISLAND NEW ZEALAND (159)

WLZ	0.20	329	Pd	55	51.40	0.3
			eS	56	19.00	
UTU	0.39	110	eP	55	51.60	0.2
TAZ	0.64	107	Pc	55	52.00	0.0
MOZ	0.86	237	Pc	55	54.30	1.4
			eS	56	24.70	

WHH	1.03	145	P	55	53.90	-0.1
URZ	1.11	102	P	55	52.50	-1.8
NGZ	1.13	185	P	55	55.40	0.8
CNZ	1.16	187	P	55	55.60	0.9

CNZ	1.16	187	P	55	55.60	0.9
DRZ	1.24	186	eP	55	56.20	0.8

DRZ	1.24	186 eP	55	56.20	0.8
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27d 05h

KUZ 1.30 360 Pd 55 53.90 -1.4
 PAHZ 1.32 128 Pd 55 55.50 -0.1
 MOH 1.55 135 P 55 57.50 0.4
 TTH 1.72 150 Pc 55 59.30 1.0
 WAHZ 1.72 164 Pd 55 59.30 0.9
 BSZ 1.86 199 Pc 56 01.10 1.7
 NOZ 1.90 108 Pd 55 59.10 -0.6
 NRZ 1.91 227 Pd 56 02.40 2.6
 PUZ 2.00 92 Pd 55 58.30 -2.3
 MAHZ 2.04 125 Pc 56 00.70 -0.2
 HBZ 2.09 78 P 55 58.90 -2.4
 TEHZ 2.12 157 Pc 56 02.30 0.7
 WCZ 2.38 332 Pc 56 03.20 -0.7
 MNG 2.58 184 Pc 56 06.80 1.0
 PGZ 2.60 171 Pc 56 06.90 0.9
 KIW 2.88 192 Pc 56 09.90 1.1
 DIW 3.09 206 P 56 11.60 0.6
 CAW 3.10 189 Pc 56 11.90 0.8
 MTW 3.11 183 Pc 56 11.70 0.5
 MRW 3.28 194 Pc 56 13.80 0.9
 WEL 3.32 193 eP 56 14.20 0.8
 BLW 3.32 183 Pc 56 14.00 0.6
 TCW 3.36 199 Pc 56 14.90 1.1
 MOW 3.39 186 Pc 56 14.60 0.4
 QRZ 3.72 221 Pc 56 18.20 0.4
 THZ 4.30 209 Pc 56 24.70 0.3
 KHZ 4.68 200 Pc 56 29.60 0.9
 DSZ 4.77 218 Pc 56 29.70 -0.2
 LTZ 5.42 208 Pc 56 37.40 -0.2
 MQZ 6.12 201 Pc 56 45.40 -0.7
 EWZ 6.59 213 P 56 51.70 -0.2
 LMZ 7.48 219 P 57 01.50 -1.5
 BWZ 7.83 212 P 57 06.30 -1.0
 ODZ 7.96 207 P 57 09.30 0.4
 MSCZ 8.48 212 Pd 57 13.70 -1.8
 LRCZ 8.49 212 P 57 13.70 -2.0
 MHZ 8.51 213 P 57 13.90 -2.0
 LSCZ 8.52 212 Pd 57 14.20 -1.7
 SBCZ 8.52 212 P 57 13.90 -2.1
 MMCZ 8.53 213 Pd 57 14.00 -2.1
 CMCZ 8.58 212 Pd 57 14.80 -2.0
 TLC 8.70 213 Pd 57 16.40 -2.0
 TUZ 9.11 208 Pc 57 23.10 -0.2
 BCZ 9.88 214 P 57 31.30 -1.7
 DZM 17.82 331 iPd 59 05.00 -1.5
 ARMA 21.29 284 iPd 59 45.10 4.1X
 CNB 21.30 269 eP 59 49.00 8.0X
 CAN 21.58 269 eP 59 47.80 4.0X
 TAU 22.10 248 eP 59 51.00 2.4
 CMS 25.35 276 iPd 00 21.00 2.0
 STK 28.54 272 eP 00 47.40 -0.1
 ASPA 38.34 280 iPd 02 11.50 0.2
 FORT 39.64 266 eP 02 23.00 1.2
 WB2 40.05 285 iPd 02 25.20 -0.1
 WRA 40.06 285 P 02 25.50 0.1
 COOL 45.02 262 eP 03 05.40 0.1
 KLB 47.37 260 eP 03 23.50 0.0
 MUN 48.41 258 eP 03 32.00 0.5
 MRWA 49.77 261 eP 03 42.00 0.1
 MBL 50.69 273 eP 03 32.00 -17.0X
 SPA 52.14 180 iPd 04 01.00 1.6
 NANU 53.36 269 eP 04 08.70 0.1
 YKA 114.59 29 ePdiff 10 15.80 41.7X
 DAG 140.65 5 iPKPd 14 09.20 -2.8X
 KIC 148.46 179 (PKP) 14 28.60 1.7

KAF 149.46 332 ePKP 14 29.40 2.4X
 NUR 151.08 330 ePKP 14 33.30 3.9X
 S.D. = 1.2 on 68 of 76 obs.

& DEC 27, 1992 05h 57m 38.29s
 60.549 N 152.680 W
 DEPTH = 3.2 km
 3.0mb (1 obs.)
 SOUTHERN ALASKA (2)
 <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).

DFR 0.04 356 iPd 57 39.53 0.0
 RDN 0.05 229 iPd 57 39.58 -0.1
 REF 0.06 190 iPd 57 39.85 0.0
 RDW 0.09 224 iPd 57 40.33 0.0
 RS2 0.09 204 iPd 57 40.35 0.0
 RSO 0.09 203 iPd 57 40.29 -0.1
 RS1 0.10 203 iPd 57 40.38 0.0
 NCT 0.12 276 iPd 57 40.77 -0.1
 RDT 0.14 79 ePd 57 40.87 -0.2
 RED 0.14 199 iPd 57 40.84 -0.3
 ILIM 0.49 197 iPd 57 47.13 -1.0
 INE 0.53 201 iPd 57 47.59 -1.2
 INW 0.53 205 ePd 57 47.76 -1.2
 CKL 0.67 14 iPd 57 50.12 -1.6
 CKT 0.69 19 iPd 57 50.49 -1.7
 SPU 0.70 25 iPd 57 50.65 -1.7
 CKN 0.72 20 iPd 57 51.20 -1.5
 BGL 0.73 11 iPd 57 51.04 -1.9
 NKA 0.74 74 iPd 57 53.43 0.4
 CP2 0.75 16 iPd 57 51.48 -1.8
 CRP 0.76 19 iPd 57 51.43 -2.2
 CGLM 0.83 23 iPd 57 53.01 -1.8
 PDB 1.07 225 iPd 57 57.26 -1.9
 BRK 1.19 130 ePd 57 59.35 -1.9
 SLKM 1.22 91 iPd 57 59.38 -2.2
 AUL 1.23 198 ePd 58 00.85 -1.0
 AUE 1.24 197 ePd 58 00.71 -1.3
 AUP 1.25 198 ePd 58 01.17 -1.0
 AUH 1.25 198 ePd 58 01.12 -1.1
 CNPM 1.26 144 iPd 58 00.14 -2.1
 AUI 1.27 197 ePd 58 01.40 -1.1
 SUA 1.32 45 iPd 58 01.22 -2.1
 SKT 1.54 21 iPd 58 05.29 -1.4
 SVW 1.55 293 ePn 58 05.09 -1.7
 MCNL 1.60 212 eP 58 06.09 -1.5
 MPA 1.64 91 eP 58 06.93 -1.2
 SEW 1.67 104 eP 58 07.08 -1.4
 PMS 1.68 64 P 58 07.00 -1.7
 PWA 1.75 50 eP 58 08.00 -0.7
 PTE 1.83 78 eP 58 09.46 -1.3
 SYI 1.95 176 eP 58 11.41 -1.2
 PLRM 2.02 57 eP 58 12.16 -1.4
 PMR 2.02 57 eP 58 11.56 -2.0
 GHO 2.20 54 P 58 15.60 -0.6
 KNK 2.23 65 ePd 58 16.79 0.0
 SML 2.46 57 eP 58 19.62 -0.3
 LTI 2.46 100 eP 58 18.93 -1.0
 KNIM 2.46 93 eP 58 18.36 -1.6
 MTU 2.57 100 P 58 20.60 -0.9
 GLI 2.77 81 eP 58 23.22 -1.1
 KDC 2.81 178 eP 58 23.77 -1.2
 TTA 2.87 328 ePn 58 24.31 -1.5
 TCM 2.89 61 eP 58 25.84 -0.4
 FID 3.06 84 eP 58 26.02 -2.4
 HIN 3.06 90 eP 58 27.02 -1.5
 VLZ 3.16 77 eP 58 28.68 -1.1
 KLU 3.42 71 eP 58 32.56 -1.2
 TOA 3.50 61 eP 58 36.30 1.5
 SDG 3.95 57 eP 58 42.91 1.8
 PAX 4.20 52 eP 58 45.20 0.5
 GLB 4.41 74 eP 58 45.69 -2.0
 FBA 4.91 25 eP 58 52.69 -2.0
 IMA 5.56 356 eP 59 01.68 -2.4
 YKA 0.4s 1.36nm 01 51.30 -0.5

0.6s 0.80nm 3.0mb
 64 obs. associated

* DEC 27, 1992 05h 58m 37.18 ± 0.98s
 16.917 N ± 9.4 km 145.226 E ± 13.9 km
 DEPTH = 242.6 ± 8.8 km
 5.0mb (8 obs.)

MARIANA ISLANDS (216)
 PJG 3.33 186 eP 59 33.70 0.4
 GUA 3.37 185 eP 59 33.70 -0.1
 MAT 20.51 344 (P) 02 57.00 -0.9
 SSE 26.03 307 P 03 49.50 -0.5
 BJI 34.13 318 eP 05 01.00 0.0
 WB2 38.16 197 iPd 05 34.30 -0.7
 WRA 38.16 197 P 05 46.20 11.2X
 LZH 41.29 306 iPd 06 02.00 1.2
 ASPA 41.83 196 eP 06 04.60 -0.4
 GUN 55.49 292 P 07 50.26 0.3
 PKI 55.92 292 P 07 52.80 -0.2
 KKN 56.02 292 P 07 53.54 0.0
 DMN 56.18 292 P 07 54.82 0.1
 GKN 56.58 293 P 07 57.52 0.1
 KIC 142.36 305 PKP 17 36.20 -7.2X
 TIC 142.40 306 PKP 17 37.80 -5.7X
 LIC 142.67 306 PKP 17 38.20 -5.7X
 ZOBO 148.05 94 ePKP 17 54.00 0.5
 LPB 148.10 94 ePKP 17 53.00 -0.4
 CNCB 148.24 95 PKP 17 54.40 0.6
 S.D. = 0.6 on 16 of 20 obs.

* DEC 27, 1992 06h 47m 13.37 ± 2.06s
 13.519 N ± 18.0 km 92.077 W ± 16.9 km
 DEPTH = 41.3 ± 19.7 km
 4.2mb (1 obs.)

OFF COAST OF CHIAPAS, MEXICO (68)
 TPX 1.39 353 eP 47 37.50 0.9
 SCX 3.24 351 eP 48 07.50 4.5X
 OXX 5.71 309 (P) 48 37.00 -1.2
 PPM 8.36 312 eP 49 16.00 0.5
 UYO 20.67 354 iPd 51 51.60 -0.7
 SDV 21.53 100 eP 52 00.30 -1.1
 MEO 21.97 346 iPd 52 05.30 -0.2
 LCCM 36.31 336 eP 54 16.60 1.4
 SIV 42.42 133 P 55 07.00 1.0
 YKA 51.47 347 eP 56 16.00 -0.6
 S.D. = 1.2 on 9 of 10 obs.

* DEC 27, 1992 08h 11m 25.83 ± 5.06s
 33.004 S ± 17.3 km 72.110 W ± 34.1 km
 DEPTH = 8.3 ± 4.1 km
 OFF COAST OF CENTRAL CHILE (134)
 MD 3.7 (SAN).

LCCH 0.65 136 iPd 11 39.13 0.2
 ROCH 0.92 88 iPd 11 43.84 0.0
 LNV 1.11 149 iPd 11 46.37 -0.5
 TACH 1.18 124 iPd 11 47.71 -0.2
 PEL 1.20 97 iPd 11 48.75 0.3
 SAN 1.29 111 iPd 11 49.67 -0.3
 JACH 1.32 76 iPd 11 50.09 -0.3
 PCH 1.47 115 iPd 11 52.71 0.0

CHCH 1.53 128 iPd 11 53.66 0.2
iS 12 13.69
FCH 1.56 102 iPd 11 54.50 0.3
iS 12 15.48
CACH 1.68 132 iP 11 56.60 0.9
iS 12 18.97
S.D. = 0.5 on 11 of 11 obs.

? DEC 27, 1992 08h 15m 12.26±4.62s
32.994 S ±15.7km 72.136 W ±31.3km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.7 (SAN).

LCCH 0.67 135 iPd 15 25.73 0.1
iS 15 34.99
ROCH 0.95 89 iPd 15 30.44 0.0
iS 15 43.60
LNV 1.13 148 iP+ 15 33.03 -0.4
iS 15 47.42
TACH 1.20 124 iPd 15 34.32 -0.3
iS 15 50.05
PEL 1.23 97 iPd 15 35.38 0.3
iS 15 51.69
SAN 1.32 111 iP 15 36.63 0.0
iS 15 54.87
JACH 1.34 77 iPd 15 36.62 -0.3
iS 15 54.92
PCH 1.49 115 iP+ 15 39.39 0.2
iS 15 58.72
CHCH 1.55 127 iP 15 40.13 0.1
iS 16 00.53
FCH 1.58 103 iPd 15 41.11 0.4
iS 16 03.13
CACH 1.70 132 eP 15 42.60 0.3
iS 16 05.47
S.D. = 0.3 on 11 of 11 obs.

% DEC 27, 1992 08h 17m 51.75±4.06s
32.969 S ±13.1km 72.233 W ±29.0km
DEPTH = 5.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.7 (SAN).

LCCH 0.75 132 iPd 18 07.11 0.3
iS 18 15.87
ROCH 1.03 90 iPd 18 11.80 0.0
iS 18 24.59
LNV 1.20 145 iP 18 14.44 -0.1
iS 18 29.45
TACH 1.28 123 iPd 18 15.71 -0.3
iS 18 30.71
PEL 1.31 98 iPd 18 16.74 0.2
iS 18 32.82
SAN 1.40 111 iP 18 18.09 0.1
iS 18 35.00
JACH 1.41 79 iP+ 18 18.11 -0.1
iS 18 36.81
PCH 1.58 115 iPd 18 20.61 0.1
iS 18 40.83
CHCH 1.63 126 iP 18 21.59 0.3
iS 18 40.90
FCH 1.67 103 iPd 18 22.45 0.4
iS 18 44.27
CACH 1.78 130 eP 18 23.86 0.3
iS 18 46.99
S.D. = 0.2 on 11 of 11 obs.

? DEC 27, 1992 08h 43m 29.37±5.52s
38.248 N ±46.2km 72.131 E ±14.3km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
MD 3.4 (ISK).

IZM 0.18 35 iPg 43 33.00 -0.1
EZM 1.70 339 iPn 43 59.60 -0.1
DST 1.79 40 ePn 44 00.40 -0.8
EDC 2.17 15 ePn 44 07.00 0.3
KCT 2.21 25 ePn 44 07.00 -0.3
YLV 2.89 36 ePn 44 18.00 1.0
S.D. = 0.8 on 6 of 6 obs.

% DEC 27, 1992 09h 28m 11.65±0.95s
40.380 N ±7.0km 23.941 E ±12.1km
DEPTH = 5.0km (geophysicist)
GREECE (364)

OUR 0.05 145 ePg 28 13.28 0.1
eSg 28 14.60
PAIG 0.49 204 ePg 28 21.40 -0.2
eSg 28 28.84
SOH 0.63 315 ePg 28 23.92 -0.3
ePg 28 27.00 -0.3
SRS 0.78 340 ePg 28 37.84
eSg 28 37.84
KNT 1.11 315 ePg 28 33.68 0.7
eSg 28 49.88
S.D. = 0.6 on 5 of 5 obs.

? DEC 27, 1992 09h 45m 09.79±6.21s
11.024 N ±21.3km 62.251 W ±68.8km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)
MD 3.3 (TRN).

TCE 0.59 124 iPd 45 21.77 0.1
iS 45 25.15 -1.1
TRN 0.91 114 iPd 45 35.55
iS 45 35.55
TPP 1.05 132 iPc 45 28.11 -0.2
eS 45 42.70
GRW 1.27 27 iPd 45 31.08 -0.3
iS 45 47.14
TBH 1.28 115 eP 45 32.63 1.1
iS 45 46.64
SVB 2.44 24 eP 45 48.46 0.3
iS 46 17.78
S.D. = 0.9 on 6 of 6 obs.

? DEC 27, 1992 10h 08m 53.64±7.57s
39.273 N ±57.5km 28.738 E ±22.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST 0.34 346 ePg 09 00.00 -0.7
eSg 09 04.50
KCT 1.02 343 iPn 09 14.00 1.1
BNT 1.25 330 ePn 09 16.50 -0.4
YLV 1.38 20 ePn 09 19.50 0.5
EYL 1.69 40 ePn 09 23.00 -0.5
S.D. = 1.1 on 5 of 5 obs.

& DEC 27, 1992 10h 12m 58.90s
37.500 N 89.630 W
DEPTH = 5.0km (geophysicist)
CAPE GIRARDEAU, MISSOURI REGION(487)
<SLM-P>. MD 3.2 (SLM). mbLg 3.2
(GS). 3.2 (TUL). Felt (IV) at
Oak Ridge and Pocahontas; (III)
at Altenburg, Brazeau, Frohno,
Gordonville, Jackson, Old
Appleton, Perryville and
Uniontown. Also felt in the Cape
Girardeau area. Felt (IV) at
Anno and Wolf Lake, Illinois.

ELC 0.39 124 iPc 13 06.10 -0.6
eS 13 11.30
DON 0.40 217 iPd 13 06.80 -0.2
S 13 12.25
DWM 0.70 171 ePc 13 12.27 -0.7
FVM 0.79 308 ePd 13 13.18 -1.6
eS 13 23.60
NMMO 0.91 176 ePc 13 15.93 -0.9
S 13 27.82
CRU 1.03 151 ePc 13 17.94 -0.8
S 13 31.95
BPIL 1.08 49 ePc 13 18.62 -1.0
OGTN 1.08 174 ePc 13 18.92 -0.8
LDMO 1.09 177 ePc 13 18.95 -0.9
BBTN 1.12 173 ePc 13 20.55 0.2
ACTN 1.18 167 ePd 13 20.86 -0.5
S 13 36.80
GRT 1.24 172 eP 13 21.48 -1.0
eS 13 37.89
TYS 1.26 324 ePc 13 21.72 -1.1
MFTN 1.35 172 ePc 13 23.69 -0.6
CCMO 1.39 332 ePc 13 23.92 -0.9
WDIN 1.63 68 iPd 13 28.03 -0.3
S 13 50.27
WGAR 1.70 196 ePc 13 29.46 0.1
S 13 52.63
SPIN 1.91 56 ePc 13 32.53 0.2
OLY 2.48 217 ePn 13 39.54 -1.1
eS 14 13.04

MIAR 4.35 229 ePn 14 05.32 -0.9
Lg 15 13.75
RLO 4.53 255 Pn 14 07.98 -1.7
Lg 14 59.53
TKL 5.06 110 ePn 14 15.60 -1.6
ePg 14 28.68
Lg 15 32.94
UYO 5.14 231 iPd 14 15.70 -2.7
LN02 5.20 254 Pn 14 16.82 -2.3
Pg 14 25.47
Lg 15 14.90
TUL 5.20 254 Pn 14 17.20 -2.0
Sn 15 14.20
VVO 5.38 248 P 14 17.79 -4.0
PRM 6.82 118 ePn 14 39.42 -2.6
MEO 7.73 252 iPc 14 50.30 -4.6
28 obs. associated

& DEC 27, 1992 10h 14m 10.00s
37.500 N 89.620 W
DEPTH = 10.0km (geophysicist)
CAPE GIRARDEAU, MISSOURI REGION(487)
<SLM-P>. MD 2.7 (SLM).

ELC 0.38 124 eP 14 17.27 -0.5
S 14 22.37
DON 0.41 218 iPd 14 17.70 -0.6
S 14 23.40
DWM 0.70 171 iP 14 23.35 -0.5
FVM 0.80 307 iPd 14 24.39 -1.2
CRU 1.02 152 ePd 14 29.20 -0.1
OGTN 1.08 174 eP 14 30.02 -0.3
S 14 43.71
CCMO 1.39 332 ePd 14 35.50 0.1
7 obs. associated

% DEC 27, 1992 10h 39m 01.89±1.35s
34.310 S ±15.5km 70.456 W ±15.4km
DEPTH = 120.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.7 (SAN).

CACH 0.23 328 iP+ 39 18.94 -0.1
iS 39 32.24
CHCH 0.41 337 iP+ 39 19.50 -0.1
iS 39 32.97
PCH 0.69 356 iP+ 39 21.67 0.1
iS 39 36.49
TACH 0.77 328 iP+ 39 22.19 0.1
iS 39 37.33
LNV 0.87 294 iP+ 39 22.99 0.1
iS 39 38.48
SAN 0.87 349 iP+ 39 23.06 0.0
iS 39 38.98
FCH 0.99 8 iP+ 39 24.54 0.0
iS 39 41.65
PEL 1.18 351 iP+ 39 26.30 0.2
iS 39 44.09
LCCH 1.25 312 iP+ 39 26.76 0.0
iS 39 45.08
ROCH 1.41 341 iP+ 39 28.61 -0.3
iS 39 48.93
JACH 1.63 356 iP+ 39 31.26 -0.1
iS 39 53.46
S.D. = 0.2 on 11 of 11 obs.

DEC 27, 1992 11h 13m 19.45±0.50s
40.497 N ±4.9km 127.325 W ±5.6km
DEPTH = 10.0km (geophysicist)
4.4mb (14 obs.)
OFF COAST OF NORTHERN CALIFORNIA(34)
ML 4.3 (BRK).

ARC 2.50 80 eP 13 59.95 -0.8
eS 14 28.85
FHC 2.56 82 eP 14 00.84 -0.9
eS 14 30.85
LGPM 3.44 82 iPc 14 13.48 -0.9
WDC 3.65 87 ePc 14 16.99 -0.1
eS 14 57.39
NTYM 4.18 119 eP 14 24.55 -0.1
LBFM 4.20 77 eP 14 26.03 0.8
MIN 4.37 90 eP 14 26.67 -0.8
ORV 4.57 100 eP 14 28.71 -1.5
ZSP 4.69 121 ePc 14 31.86 -0.1
BKS 4.74 122 ePc 14 31.99 -0.7
eS 15 26.44

DEC 27, 1992 12h 10m 27.49 \pm 0.93s
 9.458 S \pm 6.8km 123.603 E \pm 8.6km
 DEPTH = 88.9 \pm 9.9 km
 5.0mb (7 obs.)
 TIMOR REGION, INDONESIA (289)

HAU	22.02	123	eP	28	17.90	0.4
	1.1s	25.90nm				4.6mb
Z	22s	0.17um				3.4Msz
CDF	22.03	121	eP	28	18.00	0.4
	1.0s	10.40nm				4.2mb
BGF	22.03	131	eP	28	17.00	-0.5
	0.9s	18.65nm				4.5mb
LBF	22.05	129	eP	28	17.10	-0.6
	0.8s	7.10nm				4.2mb
TCF	22.06	132	eP	28	17.70	-0.2
	1.2s	29.75nm				4.6mb
MAF	22.24	132	eP	28	19.50	-0.1
	1.2s	30.35nm				4.6mb
SMF	22.29	129	eP	28	19.80	-0.3
	0.8s	10.05nm				4.3mb
BSF	22.33	123	eP	28	21.10	0.5
	1.4s	19.15nm				4.4mb
GRF	22.54	114	eP	28	24.50	2.0
RJF	22.71	135	eP	28	24.30	0.0
	0.7s	5.20nm				4.1mb
Z	22s	0.25um				3.6Msz
BRG	22.75	109	eP	28	26.00	1.4
	1.4s	14.00nm				4.3mb
LFF	22.80	136	eP	28	25.60	0.5
LPO	23.17	136	eP	28	29.90	1.1
	0.9s	13.75nm				4.5mb
CAF	23.23	134	eP	28	29.30	0.0
KSP	23.76	106	ePd	28	36.00	1.6
KHC	23.93	112	P	28	37.40	1.2
		e		29	00.60	
LPL	24.28	126	eP	28	40.30	0.5
	0.9s	8.50nm				4.4mb
LPG	24.30	126	eP	28	40.30	0.2
	1.0s	14.00nm				4.5mb
YKA	38.41	312	eP	30	44.30	0.1
	0.8s	1.00nm				3.6mb
S.D. = 0.9 on 33 of 34 obs.						
<hr/>						
% DEC	27,	1992	12h 38m	56.81±	1.71s	
	35.246 N ±15.3km		110.804 E ±20.2km			
DEPTH =	33.0km	(normal)				
SOUTHEASTERN CHINA					(664)	
ML 3.6 (BJI).						
XAN	1.96	233	iPnd	39	29.90	1.4
			Pg	39	32.70	
			Sn	40	00.50	
TIY	2.79	28	Pn	39	40.00	-0.2
			ePg	39	44.50	
			Sg	40	19.40	
TIA	5.23	78	ePg	40	25.20	10.4X
			Sg	41	28.80	
BTO	5.38	354	ePn	40	17.20	0.3
			ePg	40	34.60	
			Sg	41	43.70	
HHC	5.63	6	Pg	40	36.80	16.4X
LZH	5.73	280	Pg	40	43.20	21.3X
BJI	6.41	40	ePg	40	48.50	17.2X
			eSn	41	39.00	
CD2	7.32	236	ePn	40	42.80	-1.4
NJ2	7.43	113	ePn	40	40.00	-5.6X
GTA	9.69	299	P	41	17.00	-0.1
S.D. = 1.5 on 5 of 10 obs.						
<hr/>						
& DEC	27,	1992	13h 37m	50.50s		
	64.823 N		147.403 W			
DEPTH =	10.9km					
CENTRAL ALASKA					(1)	
<AEIC>. ML 2.5 (AEIC).						
GLM	0.17	2	iP	37	54.17	-0.2
			iS	37	57.28	
FBA	0.18	295	P	37	54.50	-0.2
			S	37	57.50	
CCB	0.25	224	iP	37	55.70	-0.1
MDM	0.38	292	iP	37	57.72	-0.6
			iS</			

DOT 1.88 127 eP 38 22.53 -0.3
 FYU 1.97 26 eP 38 25.04 1.0
 PAX 2.05 154 eP 38 25.67 0.3
 SDG 2.45 159 eP 38 30.58 -0.5
 TOA 2.78 168 eP 38 35.12 -0.8
 SKT 3.40 215 eP 38 43.39 -1.2
 15 obs. associated

* DEC 27, 1992 13h 40m 46.75±2.00s
 40.548 N ± 7.0km 127.353 W ± 19.0km
 DEPTH = 10.0km (geophysicist)
 3.3mb (1 obs.)
 OFF COAST OF NORTHERN CALIFORNIA(34)
 ML 4.0 (BRK).

ARC 2.51 81 eP 41 28.40 0.1
 FHC 2.57 83 eP 41 28.35 -0.9
 LGPM 3.46 82 eP 41 40.78 -1.0
 WDC 3.67 88 ePc 41 44.24 -0.5
 LBFM 4.21 77 eP 41 53.82 1.2
 NTYM 4.22 119 eP 41 52.77 0.2
 MIN 4.39 91 iPd 41 55.90 0.8
 ORV 4.60 101 eP 41 57.97 0.0
 ZSP 4.73 122 iPd 41 59.78 -0.1
 BKS 4.79 122 iPd 42 00.04 -0.6
 PCC 4.92 127 eP 42 02.04 -0.5
 GCC 5.46 128 iPd 42 09.18 -1.0
 MHC 5.48 124 ePd 42 09.62 -1.0
 ARN 5.55 123 eP 42 10.77 -0.6
 CMB 5.96 113 ePc 42 19.09 1.9
 SAO 5.97 127 eP 42 16.36 -0.9
 SHW 6.76 32 (P) 42 27.33 -1.2
 VGB 6.92 42 (P) 42 30.73 0.1
 MMPM 7.11 112 (P) 42 35.56 1.9
 PHAM 7.22 128 (P) 42 33.92 -1.0
 LON 7.39 31 eP 42 36.74 -0.5
 BONR 7.49 107 (P) 42 44.08 -5.2X
 ISA 8.53 122 eP 42 52.58 -0.7
 GSC 9.84 119 (P) 43 10.79 -0.6
 PLM 11.04 127 (P) 43 30.80 2.9
 HHAI 11.49 71 (P) 43 36.41 2.4
 DAU 12.26 85 (P) 43 52.04 7.4X
 LCCM 12.46 60 eP 43 45.00 -2.1
 PV09 14.21 92 (P) 44 13.84 3.4X
 ACO 22.33 91 iPd 45 49.30 3.3X
 YKA 23.28 15 eP 45 56.50 1.5
 0.7s 0.70nm 3.3mb
 MEO 23.43 95 iPd 46 00.90 4.1X
 S.D. = 1.3 on 27 of 32 obs.

% DEC 27, 1992 14h 04m 03.36±0.82s
 40.484 N ± 8.1km 23.623 E ± 11.6km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

OUR 0.31 119 ePg 04 09.72 -0.1
 SOH 0.39 329 ePg 04 10.64 -0.8
 PAIG 0.56 176 ePg 04 14.72 0.0
 SRS 0.63 358 ePg 04 16.40 0.3
 KNT 0.87 321 ePg 04 20.68 0.5
 eSg 04 32.28
 S.D. = 0.7 on 5 of 5 obs.

DEC 27, 1992 14h 39m 31.11±0.45s
 43.461 N ± 3.3km 0.622 W ± 5.4km
 DEPTH = 5.0km (geophysicist)
 PYRENEES (378)
 ML 3.1 (LDG). Felt (III) at
 the Lacq Oilfield, France.

OGE 0.31 160 Pg 39 37.37 0.0
 MADF 0.35 205 Pg 39 38.33 0.2
 ATE 0.38 189 Pg 39 38.75 0.0
 ESCF 0.38 175 Pg 39 38.62 -0.2
 ELYF 0.40 223 Pg 39 39.41 0.3
 ISSF 0.45 196 Pg 39 40.36 0.2

BOH 0.46 219 Pg 39 40.43 0.1
 JAU 0.46 156 Pg 39 40.06 -0.3
 LHE 0.55 180 Pg 39 41.51 -0.6
 EPF 0.82 121 Pg 39 48.10 0.5
 LFF 1.77 33 Pg 40 07.60 5.0X
 LPO 1.79 46 Pn 40 04.10 1.3
 RJF 2.40 39 Pn 40 11.60 -0.1
 CAF 2.42 52 Pn 40 12.20 0.1
 MFF 3.16 6 Pn 40 22.40 0.0
 LSF 3.18 28 Pn 40 21.30 -1.4
 TCF 3.47 34 Pg 40 37.30 10.4X
 MAF 3.57 38 Pg 40 40.20 11.9X
 BGF 3.95 37 Pg 40 47.20 13.5X
 S.D. = 0.6 on 15 of 19 obs.

? DEC 27, 1992 14h 57m 22.17±3.60s
 38.380 N ± 35.6km 27.381 E ± 13.2km
 DEPTH = 5.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

IZM 0.09 281 iPg 57 24.00 -0.3
 DST 1.56 38 iPd 57 51.10 0.4
 EZN 1.66 331 ePn 57 53.00 1.0
 KCT 2.01 22 ePn 57 57.00 -0.2
 BNT 2.02 12 ePn 57 56.00 -1.2
 YLV 2.67 35 ePn 58 07.00 0.3
 S.D. = 1.0 on 6 of 6 obs.

? DEC 27, 1992 15h 01m 29.89±15.82s
 38.329 N ± 138.km 27.163 E ± 18.2km
 DEPTH = 5.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

IZM 0.10 49 iPg 01 31.50 -0.7
 EZN 1.63 337 ePn 01 33.50 -0.3
 DST 1.71 41 ePn 02 01.10 0.5
 KCT 2.13 25 ePn 02 07.00 0.4
 YLV 2.81 37 ePn 02 21.00 4.5X
 S.D. = 1.0 on 4 of 5 obs.

? DEC 27, 1992 15h 31m 57.70±6.31s
 34.133 S ± 21.1km 178.257 W ± 56.7km
 DEPTH = 66.4 ± 33.7 km
 4.8mb (2 obs.)
 SOUTH OF KERMADEC ISLANDS (179)

HBZ 4.45 218 eP 33 05.20 1.1
 PUZ 4.84 215 eP 33 09.90 0.2
 NOZ 5.38 213 P 33 18.30 1.0
 KUZ 5.56 240 eP 33 19.40 -0.4
 URZ 5.57 221 eP 33 18.30 -1.5
 WLZ 6.22 231 eP 33 30.00 1.0
 PGZ 7.80 212 eP 33 49.40 -1.4
 DZM 18.04 308 iPd 36 05.30 -0.2
 ASPA 42.83 271 iPd 39 51.10 0.2
 0.7s 8.60nm 4.7mb
 WBZ 44.14 276 iPd 40 01.60 0.1
 0.5s 13.90nm 5.0mb
 BCAO 146.58 212 iPKP 51 38.00 5.8X
 0.2s 4.00nm
 KIC 151.72 166 (PKP) 51 51.80 11.7X
 TIC 151.94 166 (PKP) 51 51.60 11.2X

S.D. = 1.1 on 10 of 13 obs.
 & DEC 27, 1992 15h 37m 15.04s
 60.109 N 140.577 W
 DEPTH = 13.4km
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 2.9 (AEIC), 2.6
 (PGC).

PCA 0.16 94 iP 37 19.12 0.0
 BCPM 0.50 108 eP 37 23.57
 YAH 0.64 294 iP 37 26.90 -0.7
 PNL 0.74 126 iP 37 28.37 -0.9
 CTGM 0.94 337 iP 37 31.49 -1.2
 CYK 0.96 269 eP 37 31.96 -0.9
 SNH 1.13 275 eP 37 35.10 -0.9
 BALM 1.28 318 eP 37 36.51 -2.0
 CROM 1.43 298 eP 37 39.15 -1.6
 HYT 1.68 63 P 37 45.00 0.6
 KAIM 1.94 266 eP 37 46.42 -1.5
 RAGM 2.06 280 eP 37 48.28 -1.5
 GLB 2.07 312 eP 37 49.14 -0.8
 SGAM 2.34 282 eP 37 52.43 -1.3
 CVA 2.61 282 eP 37 56.68 -0.8
 KLU 2.96 300 eP 38 01.08 -1.5
 VLZ 3.02 292 eP 38 00.45 -2.8
 TOA 3.37 309 P 38 08.60 0.2
 PLRM 4.44 293 eP 38 20.28 -3.2
 19 obs. associated

& DEC 27, 1992 15h 37m 41.41s
 60.144 N 153.129 W
 DEPTH = 135.5km
 3.0mb (1 obs.)
 SOUTHERN ALASKA (2)
 <AEIC>.

INW 0.08 181 iP 37 59.16 0.7
 INE 0.09 158 eP 37 59.11 0.5
 ILIM 0.11 127 iP 37 59.05 0.6
 RED 0.33 33 iP 37 59.75 0.7
 RS2 0.37 30 eP 38 00.81 1.4
 RDW 0.38 25 iP 38 00.07 0.7
 REF 0.41 31 iP 38 00.21 -0.9
 RDN 0.41 26 eP 38 00.26 -0.8
 NCT 0.43 13 iP 38 00.36 -0.8
 DFR 0.50 26 iP 38 00.42 -1.0
 PDB 0.64 237 iP 38 01.27 -0.9
 AUL 0.78 192 eP 38 02.39 -0.8
 AUE 0.80 189 iP 38 02.49 -0.8
 AUP 0.80 191 eP 38 02.71 -0.8
 AUH 0.80 192 eP 38 02.64 -0.8
 AUI 0.83 191 eP 38 02.54 -1.0
 NKA 1.11 57 eP 38 06.89 0.8
 CKL 1.13 20 iP 38 05.83 -0.6
 CNPM 1.14 122 iP 38 05.52 -0.9
 MCNL 1.14 213 iP 38 05.36 -1.1
 CKT 1.15 23 eP 38 05.79 -0.9
 SPU 1.17 26 eP 38 05.89 -0.9
 CKN 1.18 23 eP 38 06.36 -0.5
 BGL 1.18 18 eP 38 06.53 -0.4
 BRLK 1.19 108 eP 38 06.15 -0.8
 CP2 1.21 21 eP 38 06.86 -0.5
 CDD 1.25 192 iP 38 06.23 -1.3
 CGLM 1.29 25 iP 38 07.26 -0.8

27d 15h

SLKM 1.49 75 eP 38 08.76 -1.4
 SYI 1.58 166 eP 38 09.57 -1.6
 SUA 1.77 40 iP 38 12.44 -1.0
 eS 38 36.37
 SEW 1.84 90 eP 38 12.30 -1.8
 MPA 1.91 78 eP 38 13.41 -1.5
 SKT 2.00 22 eP 38 14.98 -1.1
 PMS 2.07 56 P 38 15.50 -1.5
 PTE 2.16 69 eP 38 17.08 -0.9
 PWA 2.19 45 P 38 17.70 -0.7
 KDC 2.43 172 eP 38 18.57 -2.8
 GHO 2.62 50 P 38 21.60 -2.4
 KNK 2.62 59 eP 38 23.41 -0.5
 LTI 2.64 90 eP 38 22.19 -2.0
 KNIM 2.70 83 eP 38 21.84 -3.0
 MTU 2.75 91 P 38 24.00 -1.6
 SML 2.87 52 eP 38 24.60 -2.6
 GLI 3.07 74 eP 38 28.44 -1.3
 HUR 3.30 29 eP 38 31.09 -1.6
 HIN 3.31 83 eP 38 30.91 -2.0
 VLZ 3.49 71 eP 38 34.10 -1.1
 RND 3.85 30 eP 38 38.51 -1.6
 TOA 3.91 57 P 38 38.20 -2.7
 YKA 18.45 66 eP 41 46.00 -2.8
 0.5s 0.40nm 3.0mb
 51 obs. associated

? DEC 27, 1992 16h 15m 20.61±5.89s
 13.757 N ±38.6km 89.928 W ±35.4km
 DEPTH = 10.0km (geophysicist)
 EL SALVADOR (73)
 Felt (111) at Son Salvador.

CUSS 0.15 353 iP 15 24.20 0.0
 TME 0.61 65 iPc 15 33.00 0.0
 VSS 0.67 91 iP 15 34.10 0.1
 LFU 0.79 91 iPd 15 35.90 -0.1
 VSM 1.64 101 iPc 15 29.50 -20.3X
 S.D. = 0.2 on 4 of 5 obs.

? DEC 27, 1992 16h 16m 28.11±3.33s
 14.470 N ±27.0km 92.049 W ±19.4km
 DEPTH = 33.0km (normal)
 3.7mb (1 obs.)
 NEAR COAST OF CHIAPAS, MEXICO (69)

TPX 0.48 335 iP 16 38.50 0.1
 iS 17 00.00
 SCX 2.32 346 iP 17 04.00 -0.8
 iS 17 48.00
 EVV 5.07 322 (P) 17 45.00 1.1
 OXX 5.20 301 iP 17 45.00 -0.8
 (S) 18 52.00
 PPM 7.78 307 iP 18 23.00 0.5
 UNM 8.37 306 (P) 18 30.00 -0.4
 MRX 10.17 302 eP 18 55.00 0.0
 YKA 50.56 347 eP 25 25.50 0.2
 0.7s 0.60nm 3.7mb
 S.D. = 0.8 on 8 of 8 obs.

DEC 27, 1992 16h 21m 17.12±0.12s
 38.857 N ±2.4km 142.320 E ±2.3km
 DEPTH = 28.3km (52 depth phases)
 5.6mb (130 obs.) 5.7MsZ (40 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ 0.55 294 iPd 21 29.50 1.2
 YAMJ 1.92 250 iP+ 21 50.20 1.8
 S 22 17.00
 AOMJ 2.27 319 P 21 55.10 1.7
 S 22 26.50
 NIIJ 3.08 239 P 22 07.00 2.1
 KAKJ 3.15 213 P 22 05.40 -0.5
 HOOJ 3.60 11 eP 22 10.90 -1.4
 S 22 54.60
 MRRJ 3.69 345 eP 22 13.30 -0.2
 eS 22 57.50
 CHJJ 3.85 224 P 22 17.10 1.2
 MAT 4.00 236 iPc 22 20.30 2.3
 eS 23 10.00
 MTMJ 4.24 239 P 22 24.50 3.0X
 SAP 4.26 350 eP 22 24.00 2.3
 iS 23 13.00
 KUSJ 4.61 22 iP+ 22 22.40 -4.2X
 eS 23 13.30
 IIDJ 4.87 228 P 22 33.80 3.4X
 ASAJ 5.26 3 eP 22 34.70 -1.2

TSRJ 6.05 239 P 22 51.10 4.1X
 WKYJ 7.12 232 P 23 01.60 -0.5
 KUR 7.59 31 iPc 23 05.00 -3.5X
 0.6s 2500.00nm 7.5mb X
 Z 18s 38.40um 4.1MsZ
 eS 24 25.00
 YONJ 7.97 245 P 23 15.30 1.3
 YSS 8.16 2 ePd 23 12.70 -3.8X
 1.2s 30.00nm 5.3mb
 Z 15s 33.70um 4.6MsZ
 N 15s 25.90um
 iS 24 47.00
 TKSJ 8.25 236 P 23 18.80 0.9
 SHK 8.86 244 ePd 23 28.00 1.7
 VLA 8.96 302 iPc 23 29.00 1.4
 Z 11s 12.50um
 N 13s 15.60um
 E 11s 3.50um
 iS 25 16.00
 SHNJ 10.18 246 P 23 47.90 3.4X
 MDJ 11.11 305 eP 23 59.00 1.9
 2.2s 310.00nm 6.1mb
 Z 17s 49.80um 4.4MsZ
 N 10s 6.65um
 E 10s 22.30um
 eS 26 05.00
 KUMJ 11.27 239 eP 24 01.50 2.2
 KAGJ 12.09 234 P 24 12.10 1.7
 CN2 13.60 297 Pd 24 32.00 1.5
 1.0s 28.00nm 5.1mb
 Z 14s 15.30um 5.0MsZ
 N 13s 13.50um
 E 13s 11.10um
 eP 24 43.00
 S 27 02.00
 SS 27 20.00
 SNY 14.60 288 Pc 24 46.90 3.4X
 1.0s 69.00nm 5.1mb
 Z 17s 31.50um 5.2MsZ
 E 15s 18.90um
 iS 27 30.00
 SKR 15.30 35 eP 24 50.30 -2.4
 0.9s 160.00nm 5.3mb
 Z 16s 13.70um 4.8MsZ
 N 18s 10.70um
 E 18s 14.40um
 eS 27 32.10
 DL2 16.12 277 P 25 06.50 3.3X
 1.0s 570.00nm 5.7mb
 Z 18s 22.80um 4.3MsZ
 N 14s 18.80um
 E 15s 30.80um
 PET 18.09 33 eP+ 25 30.00 2.3
 1.5s 630.00nm 5.5mb
 Z 24s 25.00um 4.7MsZ
 N 24s 19.00um
 E 20s 13.00um
 SSE 18.94 252 Pc 25 37.50 -0.9
 1.0s 580.00nm 5.8mb
 Z 18s 38.30um 4.9MsZ
 N 14s 9.90um
 E 14s 13.00um
 pP 25 51.50
 S 29 04.00
 SS 29 28.00
 TIA 20.14 270 Pd 25 50.40 -1.3
 1.0s 220.00nm 5.5mb
 Z 14s 30.50um 5.8MsZ
 N 14s 24.10um
 E 14s 7.41um
 pP 25 59.50 35km
 S 29 28.50
 BJI 20.21 282 eP 25 49.50 -2.9X
 1.3s 120.00nm 5.1mb
 Z 14s 30.00um 5.8MsZ
 N 14s 24.60um
 eS 29 28.00
 NJ2 20.26 258 Pd 25 51.00 -1.9
 1.0s 56.00nm 4.9mb
 N 18s 15.30um
 E 13s 24.00um
 sP 26 04.00
 S 29 38.00
 MGD 21.93 11 ePd 26 08.00 -1.7
 1.2s 280.00nm 5.6mb
 Z 17s 10.00um 5.3MsZ
 N 17s 6.10um

E 19s 7.00um
 e 26 25.00 77kmX
 e 26 51.00
 eS 30 12.00
 i 30 34.00
 TIY 23.44 277 eP 26 22.80 -2.1
 Z 15s 48.90um 6.1MsZ
 E 11s 19.00um
 PP 27 03.00
 S 30 37.00
 sS 30 47.50
 HHC 23.64 285 P 26 25.20 -1.6
 0.8s 37.00nm 5.0mb
 Z 16s 42.70um 6.0MsZ
 N 12s 6.15um
 E 13s 19.10um
 pP 26 34.00 31km
 sP 26 38.00
 PP 27 02.00
 S 30 36.00
 OZH 24.37 242 Pc 26 33.00 -0.8
 1.3s 240.00nm 5.6mb
 Z 15s 24.80um 5.8MsZ
 N 15s 20.30um
 WHN 24.38 259 Pc 26 34.70 0.8
 1.5s 230.00nm 5.5mb
 Z 20s 28.80um 5.8MsZ
 N 14s 11.30um
 E 14s 25.00um
 S 30 44.00
 YAK 24.45 346 eP 26 32.50 -1.8
 1.0s 528.00nm 6.1mb
 Z 16s 14.70um 5.6MsZ
 N 17s 10.20um
 E 18s 22.70um
 eP 27 27.00
 iS 30 54.00
 e 37 36.00
 BTO 24.83 284 eP 26 38.00 -0.4
 PJG 25.27 174 e(P) 26 42.00 -0.5
 GUA 25.32 174 e(P) 26 46.00 3.0X
 1.1s 445.57nm 6.0mb
 Z 18s 11.41um 5.4MsZ
 e 27 02.40 71kmX
 BBP 25.32 230 ePd 26 44.50 1.5
 SMY 25.89 47 eP 26 50.80 2.8X
 BOD 26.34 325 iPc 26 51.00 -1.2
 1.3s 130.00nm 5.4mb
 XAN 27.20 270 P 26 59.00 -1.3
 0.6s 54.00nm 5.4mb
 Z 16s 18.80um 5.8MsZ
 N 12s 6.74um
 E 12s 14.90um
 sP 27 20.40
 PP 27 51.00
 S 31 35.00
 CVP 27.63 226 eP 27 03.40 -0.8
 PIP 27.83 229 ePd 27 06.50 0.5
 HKC 29.16 244 eP 27 18.50 0.5
 S 32 09.00
 GZH 29.24 246 Pc 27 19.00 0.3
 1.1s 130.00nm 5.6mb
 Z 16s 27.30um 6.0MsZ
 N 15s 15.60um
 E 14s 11.80um
 S 32 10.00
 BCP 29.34 226 eP 27 19.00 -0.7
 BAG 29.37 226 ePc+ 27 18.00 -2.2X
 eS 32 12.00
 IRK 29.43 310 ePd- 27 18.50 -1.7
 1.9s 95.00nm 5.2mb
 Z 16s 18.27um 5.8MsZ
 E 16s 17.64um
 e 27 36.00 74kmX
 e 27 42.00
 e 27 56.00
 ePP 28 21.00
 eS 31 33.00
 e 32 12.00
 e 32 32.00
 e 33 10.00
 eSS 33 30.00
 e 34 34.00
 LR 37 46.00
 IRK 29.43 310 eP 27 20.00 -0.2
 Z 16s 18.63um 5.8MsZ
 N 14s 2.49um

E 16s	18.56um	32 12.00		LSA	42.78 274 Pc	35 32.00		1.0s	60.00nm	5.5mb
ZAK	29.74 306 iPc	27 22.70 -0.3			1.2s 10.00nm	29 15.60 1.1		Z 15s	14.40um	6.1MszX
	1.7s 107.00nm	5.4mb		Z 16s	18.50um	4.4mb X		N 13s	7.50um	
Z 15s	30.97um	6.1MszX		N 15s	13.20um	6.1MszX		E 11s	10.10um	
N 15s	9.59um			E 15s	7.52um			pP	30 23.00 28km	
E 15s	36.48um							PP	32 08.00	
	e	28 20.00 297kmX				29 27.50 43kmX		IPM	50.63 238 ePc	0.3
	eS	32 16.00				35 38.00		KGM	51.08 234 ePc	0.7
LZH	30.51 277 Pc	27 28.50 -1.7		BDT	43.37 253 eP	29 18.50 -0.2			1.1s 237.20nm	6.0mb
	1.2s 89.00nm	5.5mb			1.0s 103.50nm	5.5mb		KUPT	51.78 204 eP	1.2
Z 18s	24.40um	5.9Msz		TTA	43.52 36 eP	29 20.07 0.5			1.0s 71.40nm	5.6mb
E 13s	19.00um				1.2s 30.12nm	4.9mb		MTN	52.49 194 eP	-1.3
	pP	27 40.00 43kmX		NST	43.53 250 eP	29 27.00 7.0X		KHK I	53.14 214 ePd	-1.1
	sP	27 45.00		SVW	43.63 38 eP	29 21.03 0.6			e	34 09.00
	PP	28 29.00			1.0s 122.99nm	5.6mb		HON	53.60 91 P	4.3X
	S	32 26.00		RAB	43.79 166 e(P)	29 22.00 -0.1		Z 19s	1.43um	5.0Msz
	sS	32 45.00		MDG	44.00 175 eP	29 23.60 -0.2			ScP	35 56.43
	SS	34 10.00		SEM	44.43 306 iPc	29 27.30 0.4		TRT	53.91 217 iPc	-0.3
QCP	30.54 224 eP	27 24.50 -5.8X			1.6s 117.00nm	5.5mb		NDI	54.05 280 iPc	0.3
QVP	30.59 224 eP	27 38.10 7.3X			i	29 37.20 33km		SVI	54.27 318 iPc	-0.5
TGY	31.06 223 ePd	27 38.00 3.1X			e	29 45.00			0.7s 92.47nm	5.9mb
MOY	31.36 308 ePc	27 36.90 -0.3			eS	35 58.00		Z 17s	27.50um	6.4MszX
	1.8s 120.00nm	5.4mb			e	39 26.00		N 16s	6.00um	
PGP	31.55 223 eP	27 41.00 1.8		BRW	44.46 24 eP	29 26.93 0.0		E 16s	19.50um	
PLP	31.62 214 ePc	27 39.20 -0.6		IMA	44.76 31 eP	29 29.55 -0.1			eS	38 17.00
GYA	32.26 258 iPc	27 44.60 -1.0			1.1s 56.78nm	5.4mb		SIT	54.55 42 P	5.5X
	1.0s 140.00nm	5.8mb		BGL	45.19 38 eP	29 33.87 0.8		Z 20s	1.84um	5.1Msz
Z 18s	17.30um	5.8Msz		KHT	45.23 250 iPc	29 34.60 0.8		PPI	54.83 235 eP	-1.1
N 15s	19.40um			CRP	45.30 38 eP	29 33.36 -0.7		ARU	55.47 318 iPc	-1.3
E 15s	18.70um			NNT	45.85 247 iPc	29 39.40 0.8			Z 16s 24.50um	6.4MszX
	pP	27 54.00 33km		SLKM	46.29 39 eP	29 41.48 -0.2		N 15s	1.00um	
	sP	27 57.00		PMS	46.56 38 eP	29 42.70 -1.1		E 16s	15.50um	
	S	32 54.00		PMR	46.74 38 eP	29 44.16 -1.0			i	30 59.00 29km
	SS	34 50.00			1.1s 102.80nm	5.7mb			e	31 04.00
CD2	32.42 268 eP	27 46.00 -0.9		Z 21s	4.20um	5.4Msz			eS	38 33.00
	1.2s 200.00nm	5.9mb			S	36 46.30			ePS	38 42.00
Z 14s	21.50um	6.0MszX		FBA	47.18 33 eP	29 48.09 -0.5			e	38 52.00
GTA	32.75 285 eP	27 49.00 -0.8			1.0s 42.77nm	5.4mb			e	40 35.00
	1.0s 38.00nm	5.3mb		PRZ	47.60 296 iPd	29 53.00 0.6		KLI	55.60 227 eP	-1.2
Z 18s	33.10um	6.1Msz			1.8s 340.00nm	6.1mb			e	31 33.00 182kmX
E 15s	11.50um			Z 16s	14.50um	6.0MszX		CTA	58.75 176 P	1.6
	pP	28 03.00 55kmX		N 16s	4.80um			WB2	58.96 189 iPc	-2.4X
	S	33 06.00		E 16s	17.90um				0.9s 216.50nm	6.3mb
	sS	33 24.00			eS	36 52.00		WRA	58.97 189 P	-1.9
QIZ	34.35 244 Pc	28 04.50 0.9		GUN	47.71 274 P	29 53.52 -0.2			1.0s 57.50nm	5.7mb
N 15s	9.98um				0.8s 258.00nm	6.3mb		HYB	58.98 268 iPc	-1.0
E 15s	11.60um			TLG	48.06 297 eP	29 57.00 1.1			1.0s 95.00nm	5.9mb
	PP	29 22.00			2.0s 110.00nm	5.5mb		RES	60.66 15 eP	2.6X
	S	33 31.00		Z 14s	4.70um	5.6MszX			0.9s 29.00nm	5.4mb
	sS	33 44.00		N 17s	6.00um			QUE	61.10 287 eP	3.5X
UER	35.63 307 eP	28 13.80 -0.4		E 14s	4.90um				eS	39 54.50
	e	29 40.00 458kmX			ePPP	32 40.00		APA	61.36 336 iPd	0.7
	eS	33 46.00			eS	36 55.00			iS	39 52.00
	e	36 08.00			eSS	39 46.00		YKA	61.88 31 eP	0.1
KMI	35.97 260 Pc	28 17.00 -0.7		PMG	48.22 174 eP	29 55.50 -1.8			1.1s 15.70nm	5.1mb
	1.5s 790.00nm	6.4mb			1.0s 56.00nm	5.5mb		POO	62.01 272 iPc	-0.6
Z 18s	19.80um	5.9Msz		KKN	48.23 275 P	29 57.40 -0.2			0.9s 47.06nm	5.6mb
N 16s	12.60um				0.7s 431.00nm	6.6mb X		GBA	62.08 265 P	0.2
E 16s	9.70um			PKI	48.24 274 P	29 57.24 -0.6		ASPA	62.69 189 P	-1.0
	pP	28 27.00 34km		KLU	48.28 38 eP	29 56.68 -0.7		ASPA	62.69 189 eP	-10.4X
	sP	28 29.50		AAA	48.36 297 eP	30 00.00 1.8			0.7s 4.00nm	
KKM	40.30 223 ePc	28 57.10 3.4X			Z 16s 7.30um	5.8MszX		MBL	63.31 204 eP	28km
ELT	40.41 310 iPc	28 54.00 -0.1			N 16s 8.00um				0.5s 31.00nm	-17.7X
	1.6s 228.00nm	5.7mb			E 16s 4.20um			ASH	63.42 298 eP	-0.4
Z 13s	9.00um	5.8MszX			iS	36 55.00			e	31 56.00 32km
N 14s	6.50um			DMN	48.45 275 P	29 59.14 -0.2			e	40 19.00
E 13s	6.00um			GKN	48.63 275 P	30 00.24 -0.4			e	40 36.00
	e	30 58.00		MKS	48.69 211 ePd	30 01.50 0.6			e	40 48.00
	eS	35 01.00		SNG	49.01 241 eP	30 03.80 0.4			e	41 38.00
MNI	40.53 208 eP	28 55.50 0.1			1.1s 265.82nm	6.2mb		SDF	63.61 337 iP	-1.0
WMO	40.69 295 iPc	28 56.90 0.3			eS	37 11.00		DAG	64.03 355 eP	-2.8X
	1.5s 25.00nm	4.7mb		BRVK	49.95 311 iPc	30 09.00 -1.2			0.9s 51.26nm	5.6mb
Z 12s	10.90um	5.9MszX			0.8s 81.00nm	5.8mb		DZM	64.69 155 iPc	-0.9
N 12s	7.63um				iS	37 12.00		RMO	65.28 174 iPc	-1.1
	ePcS	34 44.00		BALM	50.06 38 eP	30 10.23 -0.9			0.6s 99.00nm	6.1mb
	iS	35 05.00		FRU	50.12 298 iPc	30 12.00 0.3		GMW	65.51 48 eP	0.6
TSM	40.95 219 eP	29 00.00 1.1			2.5s 200.00nm	5.7mb			e	32 08.95 27km
LOE	41.25 250 P	29 03.00 1.6			Z 18s 9.00um	5.8Msz		RPW	65.77 47 P	-0.2
NRI	41.76 334 iPd	29 03.00 -2.0			N 18s 4.50um			NANU	66.05 207 eP	-0.4
	1.1s 32.00nm	5.0mb			E 18s 8.00um			RMW	66.13 48 eP	0.2
	i	29 13.00 34km			i	30 21.00 30km		MOS	66.22 323 iPd	-0.2
	i	30 38.00			eS	37 24.00			2.0s 570.00nm	6.3mb
	e	35 20.00			eSS	40 00.00		Z 16s	16.00um	6.3MszX
WWKK	42.28 178 eP	29 12.50 2.6X		KSH	50.35 293 P	30 14.50 0.9		N 15s	12.00um	
CHG	42.45 255 iPc	29 11.70 0.4								
	1.0s 73.50nm	5.4mb								

27d 16h

E	15s	10.00um				MRWA	72.04	204	eP	32	39.00	-1.3	ARUT	76.76	52	eP	33	08.43	0.6		
		e	34	38.00		FCC	72.05	27	eP	32	43.50	3.4X				epP	33	16.81	27km		
		eS	40	50.00		SOC	72.22	312	eP	32	42.00	0.7	PEC	76.81	57	eP	33	07.69	-0.3		
LMW	66.26	49	P	32	06.49	1.7		1.0s	120.00nm		5.9mb			1.1s	12.78nm		epP	33	15.80	26km	
TDL	66.47	49	P	32	06.55	0.3			e	32	50.00	26km				eS	33	18.62			
LON	66.50	48	eP	32	06.42	0.1			e	35	22.00		CLI	77.05	320	ePd	33	09.50	0.4		
BRS	66.62	170	iPc	32	06.00	-1.1			ePPP	37	10.00		MSU	77.07	51	eP	33	10.65	1.0		
	1.0s	12.00nm			5.0mb				eS	42	06.00		PPE	77.11	320	ePc	33	12.00	2.6X		
MTMW	66.65	49	P	32	07.63	0.3			e	42	28.00		PLM	77.33	57	eP	33	11.96	0.9		
WPW	66.68	48	P	32	07.35	-0.1			ePS	42	40.00		CFR	77.54	319	eP	33	12.00	0.3		
ETW	66.89	47	P	32	08.21	-0.7	CMB	72.24	55	eP	32	42.02	0.4	ULM	77.59	34	eP	33	15.50	3.6X	
PUL	66.99	329	eP	32	11.00	2.0		1.3s	54.83nm		5.4mb		SRU	77.68	50	eP	33	11.91	-1.0		
					32	20.00	29km	Z	21s	2.72um		5.5Msz	GAZ	77.68	308	iP	33	12.00	-0.7		
					32	28.00			S	42	00.75		VRI	77.80	320	ePc	33	14.00	0.8		
					eS	41	00.00	LRM	72.35	45	eP	32	41.70	-0.8	BRD	77.88	319	eP	33	19.00	5.4X
					e	41	22.00	HFS	72.72	336	ePKP	32	42.60	-1.4	OJC	77.92	326	eP	33	13.60	-0.2
					e	45	14.00		0.5s	10.70nm		5.1mb			i	33	16.30	9kmX			
					eSSS	48	07.00	ANN	72.81	314	eP	32	53.50	8.7X		i	33	22.60			
KAF	67.02	333	iP	32	07.40	-1.8		1.0s	20.00nm		5.1mb		UZH	77.97	324	eP	33	13.00	-1.0		
WTV	67.06	47	P	32	10.57	0.8	KER	73.01	301	eP	32	46.50	0.1		Z	15s	13.00um		6.4MszX		
OBN	67.06	323	iPd	32	09.00	-0.6	NAO	73.07	337	P	32	44.70	-1.4		E	15s	15.20um				
	1.3s	210.00nm			6.1mb		KVN	73.09	53	eP	32	47.78	0.9			e	33	16.80	12kmX		
N	16s	6.10um							epP	32	55.44	25km				e	33	32.00			
E	16s	9.50um							esP	32	59.07					eS	43	00.00			
					32	44.00	145kmX	BAL	73.11	203	eP	32	45.20	-1.4	RSSD	78.00	42	eP	33	12.96	-1.6
					iS	41	00.00	BWA	73.13	175	eP	32	46.20	-0.5		1.0s	37.07nm		5.4mb		
					e	42	06.00			i	32	49.20	10kmX	Z	21s	1.22um		5.2Msz			
					eSS	45	18.00	MEMM	73.38	55	eP	32	47.77	-0.5			S	43	18.30		
VLL	67.27	49	P	32	11.50	0.3	BONR	73.61	54	eP	32	50.72	0.7			SS	48	21.03			
TDH	67.29	50	P	32	11.69	0.2			epP	32	58.69	26km	BMR	78.10	323	ePd	33	30.00	15.2X		
MXC	67.47	48	P	32	12.64	0.2			esP	33	01.92		CVO	78.11	320	ePc	33	16.00	1.1		
GL2	67.50	49	P	32	12.87	0.2	KLB	73.72	202	eP	32	49.00	-1.1	ISR	78.40	319	eP	33	18.00	1.4	
VBEM	67.54	50	P	32	13.44	0.4	HHA1	73.95	47	eP	32	52.29	0.6	MLR	78.46	320	ePc	33	17.00	0.0	
MOR7	67.74	340	eP	32	11.54	-2.2			epP	33	00.76	27km	GLA	78.86	57	eP	33	18.76	-0.5		
MDW	67.76	48	P	32	14.62	0.4			esP	33	04.61		PV09	78.90	49	eP	33	20.67	0.9		
VGB	67.77	49	eP	32	14.66	0.3	CAN	74.07	174	eP	32	51.20	-0.9	KSP	78.93	329	iPc	33	19.40	0.1	
					epP	32	22.77	CNB	74.09	174	eP	32	53.80	1.6		1.2s	77.00nm		5.6mb		
CRF	67.86	47	P	32	14.66	-0.1		1.1s	36.00nm		5.3mb				i	33	28.00		27km		
MAK	67.92	308	eP	32	20.00	4.8X	BCH	74.11	58	eP	32	52.56	-0.1			i	33	32.30			
					eS	41	11.00	TNP	74.22	54	eP	32	53.05	-0.4			e	36	13.50		
					e	42	11.00		1.5s	104.27nm		5.6mb	PV10	79.04	49	eP	33	20.04	-0.4		
GBL	67.94	47	P	32	16.38	1.1	SIM	74.53	316	eP	32	55.00	0.2			epP	33	30.12	32km		
DPW	67.95	46	eP	32	14.56	-0.9			eS	42	22.00				esP	33	33.52				
					epP	32	23.12	MUN	74.54	203	eP	32	54.00	-0.9	RYD	79.09	293	eP	33	20.00	-0.7
NEW	68.33	45	eP	32	16.93	-0.8	HVU	74.66	49	eP	32	56.80	0.9			eS	42	55.00			
	1.1s	77.16nm			5.7mb		AKU	74.68	352	eP	32	58.90	3.6X	PV08	79.14	49	eP	33	22.23	1.1	
VIPM	68.42	50	P	32	19.03	0.5		1.0s	60.00nm		5.6mb		MJMA	79.35	295	eP	33	20.60	-1.5		
KMPM	68.50	55	eP	32	20.83	1.8			e	33	06.20	23km	PSZ	79.59	325	eP	33	23.70	0.7		
NUR	68.68	332	iP	32	17.90	-1.7	ISA	74.87	56	eP	32	56.39	-0.7	EYL	79.61	314	eP	33	19.00	-4.3X	
					eS	41	28.00		1.3s	29.07nm		5.1mb	BRG	79.85	330	iP	33	23.30	-0.9		
GRO	68.80	309	iPc	32	19.00	-1.7			e	38	59.02			1.2s	32.00nm		e	33	33.50	5.2mb	
	2.0s	240.00nm			6.0mb				S	42	32.20				eS	43	29.00		32km		
					i	32	31.00	TPNV	75.52	54	eP	33	01.84	1.0	CLL	79.87	330	iPc	33	23.80	-0.5
					eS	41	20.00		1.5s	160.31nm		5.8mb		1.1s	33.00nm		e	33	33.80	5.3mb	
MEEK	68.82	203	eP	32	21.50	0.6		Z	21s	2.71um		5.5Msz	GOL	80.28	46	eP	33	28.76	1.6		
LGPM	69.05	54	eP	32	23.22	0.8	DHR	75.60	292	eP	33	15.00	13.8X		1.6s	14.76nm		4.8mb			
					epP	32	30.88			eS	42	40.00		Z	20s	0.48um		4.8Msz			
LBFM	69.40	53	eP	32	25.05	0.4	DUG	75.63	50	eP	33	02.00	0.6	PRU	80.30	329	P	33	26.70	0.0	
WDC	69.42	54	P	32	32.13	7.6X		0.9s	17.69nm		5.1mb			1.6s	76.60nm		e	33	26.70	5.5mb	
	Z	19s	1.40um		5.2Msz				ipP	33	10.15	26km		Z	19s	9.10um		6.1Msz			
					SKS	42	43.49	KIS	75.94	320	eP	33	04.00	1.2	N	15s	2.80um				
ARMA	69.46	171	eP	32	18.20	-6.6X		Z	16s	7.10um		6.1MszX		E	17s	6.80um		e	33	36.60	31km
	0.8s	38.00nm			5.6mb			N	16s	6.60um						S	43	47.00			
					i	32	27.00		E	18s	5.00um					e	33	29.23	1.9		
PYA	69.99	311	iP	32	27.50	-0.5				i	33	12.00	26km	GLD	80.33	46	eP	33	29.23	1.9	
					eS	41	36.00			ePPP	37	46.00			1.7s	145.76nm		5.7mb			
CMS	70.06	177	iPc	32	27.40	-0.9			IPS	42	46.00			Z	20s	3.24um		5.7Msz			
	1.0s	49.00nm			5.6mb		GSC	76.18	56	eP	33	04.63	0.1	SRO	80.37	325	iP	33	27.70	0.6	
MTA	70.27	308	eP	32	28.40	-1.2			epP	33	12.78	26km			e	33	34.80	23km			
					e	41	39.00	SSK	76.26	57	(P)	33	05.65	0.5		e	34	34.90			
STK	70.38	181	eP	32	29.10	-1.1	LVV	76.33	324	eP	33	06.00	1.0	EDU	80.53	341	eP	33	29.90	2.1	
	0.8s	16.00nm			5.2mb			Z	15s	18.00um		6.5MszX		0.9s	53.00nm		e	33	29.90	5.6mb	
FORT	70.54	193	eP	32	30.00	-1.2		N	16s	16.00um			ZST	80.61	326	eP	33	28.20	-0.2		
ORV	70.65	55	eP	32	31.13	-0.9		E	16s	19.00um			ALT	80.66	313	eP	33	29.00	0.1		
					epP	32	39.69			e	33	14.00	26km	BHL	80.75	306	P	33	32.00	2.5	
UPP	71.63	334	iP	32	36.00	-1.5			eS	42	52.00				PP	36	44.00				
ARN	71.89	56	eP	32	38.96	-0.6	DAU	76.41	49	eP	33	07.27	1.2			S	43	50.00			
MNK	71.93	326	eP	32	36.00	-3.4X			ePS	43	36.00		ELO	80.77	342	eP	33	28.40	-0.7		
	Z	16s	15.90um		6.4MszX				epP	33	15.06	25km	VKA	80.90	327	iPc	33	31.40	1.5		
	N	16s	10.20um						esP	33	18.20		MOX	80.93	331	eP	33	29.80	-0.2		
	E	16s	9.10um						e	33	08.30	1.9		1.8s	111.00nm		e	33	29.80	5.6mb	
					eS	41	52.00		Z	19s	8.82um				5.90um		e	33	39.00	29km	
					ePS	42	20.00				42	55.00		WIT	80.93</						

HOF	81.10	330	eP	33	41.00	22km	MBH	83.96	303	iPc	33	45.90	-0.2	PYM	88.19	333	P	34	07.79	1.1	
HRI	81.11	306	iPc	33	30.80	-0.1	TRI	83.99	327	e(P)	33	44.30	-1.6	LSF	88.28	334	eP	34	06.60	-0.4	
EAB	81.18	342	eP	33	31.40	0.0	LIT	84.09	318	eP	33	45.40	-1.1	LNO	1.1s	73.50nm			5.9mb		
EBL	81.23	341	eP	33	33.60	2.4	SDA	84.16	321	eP	33	46.00	-0.8	LNO2	88.28	44	eP	34	08.20	1.1	
	1.5s	18.00nm			4.9mb		FNA	84.16	319	eP	33	55.36	8.4X					34	15.90	24km	
SOP	81.24	326	eP	33	32.00	0.3	OGA	84.20	329	eP	33	47.00	-0.2	LNO3	88.28	44	e(P)	34	08.70	1.5	
EAU	81.27	341	eP	33	32.70	1.0	OHR	84.21	320	iP	33	46.30	-0.9	TUL	88.28	44	eP	34	08.50	1.3	
KHC	81.36	329	iPc	33	32.20	-0.1	DLF	0.8s	82.00nm			6.0mb			1.6s	84.00nm			5.8mb		
	1.5s	71.00nm			5.5mb		WLS	84.34	342	eP	33	47.50	0.0	Z	18s	1.69um			5.5Msz		
Z	18s	9.30um			6.2Msz		CDF	84.36	332	P	33	47.04	-0.7			LR	03	55.00			
N	18s	4.30um					SLE	84.39	332	P	33	47.20	-0.8	RLO	88.50	43	eP	34	09.40	1.1	
E	18s	8.00um					DCN	84.47	331	P	33	48.22	-0.1	MFF	88.53	335	eP	34	08.10	-0.1	
							LIBD	84.48	342	eP	33	48.30	0.1		1.1s	68.35nm			5.9mb		
							TIR	84.48	331	P	33	47.79	-0.5	LBL	88.55	332	P	34	09.59	1.1	
TAU	81.51	176	eP	33	31.00	-1.8	FEL	84.51	320	eP	33	48.30	-0.3	LRG	88.88	330	eP	34	08.70	-1.2	
GEC2	81.54	329	e(P)	33	32.90	-0.4	ECH	84.56	331	P	33	48.14	-0.7		Z	20s	5.25um			6.0Msz	
	0.6s	2.90nm			4.5mb X		OSS	84.59	332	P	33	48.14	-0.8	LMR	88.93	329	eP	34	09.00	-1.1	
WTS	81.56	334	eP	33	33.00	-0.2	ETA	84.70	329	ePc	33	49.60	-0.1		1.1s	25.90nm			5.5mb		
	1.0s	70.00nm			5.6mb		MOF	84.81	341	eP	33	58.60	8.7X	SLM	89.04	38	P	34	20.00	9.2X	
							PGZ	84.91	332	P	33	50.02	-0.6		Z	18s	1.08um			5.3Msz	
WET	81.63	329	eP	33	41.50	27km	LLS	84.96	155	eP	33	49.50	-1.0	RJF	89.10	334	eP	34	10.80	-0.2	
	Z	16s	10.00um		6.3Msz X		VITF	85.01	330	iPc	33	51.00	-0.3		1.3s	65.00nm			5.8mb		
EKA	81.65	341	P	33	34.00	0.3	BSF	85.02	332	P	33	50.18	-0.9		Z	23s	4.22um			5.8Msz X	
	1.1s	17.30nm			5.0mb		HAU	85.05	332	P	33	50.86	-0.5	CAF	89.24	333	eP	34	11.70	0.0	
GRF	81.85	330	iPc	33	35.30	0.5		85.07	332	eP	33	50.60	-0.7		1.1s	33.20nm			5.6mb		
	Z	19s	3.50um		5.7Msz			0.9s	26.35nm			5.5mb		FVM	89.46	39	eP	34	14.15	1.4	
							BBS	Z	21s	4.72um		5.9Msz			1.0s	23.65nm			5.4mb		
AFIF	81.93	294	eP	33	36.90	26km	VDL	85.09	331	P	33	51.28	-0.2		Z	18s	3.15um			5.8Msz	
TUC	81.94	55	eP	33	36.60	0.8	TPE	85.14	329	ePc	33	51.90	0.0	LFF	89.69	334	eP	34	13.70	0.0	
	1.6s	66.92nm			5.4mb		ECB	85.22	320	eP	33	51.00	-1.2		1.0s	44.00nm			5.7mb		
KMR	81.98	328	iP-	33	39.00	3.5X	ECP	85.25	342	eP	34	01.90	9.8X	LPO	89.76	333	eP	34	14.10	0.0	
EZN	82.24	316	eP	33	37.10	0.1	SAL	85.32	341	eP	34	02.20	9.8X		0.8s	22.05nm			5.5mb		
BNS	82.30	333	ePc	33	36.80	-0.3	LOMF	85.43	328	P	33	54.50	1.4	UYO	90.31	44	iPc	34	19.30	2.5X	
	Z	18s	12.40um		6.3Msz		TMA	85.44	331	P	33	52.23	-1.0	CBM	90.36	20	eP	34	17.84	1.0	
ELL	82.35	311	eP	33	38.00	0.2	ACO	85.69	330	iPc	33	53.80	-0.8		0.8s	14.01nm			5.3mb		
DSI	82.45	305	iPc	33	38.50	0.2	KMTA	85.87	45	iPd	33	57.00	1.5		Z	20s	3.05um			5.7Msz	
TNS	82.46	332	iPd	33	47.70	9.7X	ABHA	85.89	290	ePc	33	56.60	0.5	MIAR	90.50	43	eP	34	16.15	-1.5	
BHG	82.76	328	eP	33	40.10	0.5	VAI	85.92	290	eP	33	57.30	1.0		1.2s	39.60nm			5.6mb		
	1.1s	32.00nm			5.3mb		RSM	85.92	329	P	33	54.50	-1.0		Z	20s	1.70um			5.5Msz	
							MMK	85.97	326	P	33	59.00	3.2X			SKS	44	37.17			
SRS	82.78	318	eP	33	48.80	28km	SFI	86.09	330	P	33	56.77	0.1			SP	46	12.73			
ALO	82.87	51	eP	33	39.44	-0.4	DIX	86.23	327	P	33	58.00	0.9			PKKP	51	46.46			
	1.4s	62.84nm			5.5mb		PGD	86.28	330	ePd	33	57.70	0.0	RSNY	90.57	25	(P)	34	18.95	1.1	
	Z	20s	1.78um		5.4Msz		CRE	86.33	327	P	34	00.16	2.3		1.0s	31.39nm			5.6mb		
							EMS	86.47	326	P	33	58.50	0.3		Z	21s	2.90um			5.7Msz	
PTJ	82.88	325	eP	33	50.47	30km	BOB	86.47	331	P	33	58.20	-0.3			PP	37	53.76			
ZAG	82.93	325	eP	33	42.00	1.5	ASS	86.55	328	P	33	58.70	-0.1	ELC	90.59	39	eP	34	19.21	1.2	
FUR	83.06	329	iPc	33	41.20	0.1	LOR	86.56	326	P	33	58.20	-0.7	OLY	90.87	41	eP	34	19.42	0.1	
	Z	16s	10.00um		6.3Msz X		FIR	86.59	333	eP	33	58.30	-0.6	LMN	92.22	19	eP	34	43.50	18.1X	
KBA	83.08	328	iPd	33	42.00	0.5		0.9s	57.35nm			5.8mb		MCWV	92.84	31	P	34	40.00	11.6X	
	0.9s	45.80nm			5.6mb		BDI	86.60	327	eP	34	03.00	4.1X		Z	19s	2.50um			5.7Msz	
							BWZ	86.65	321	P	34	02.10	2.8X	HRV	93.37	24	P	34	35.62	4.9X	
							FLN	86.65	161	eP	33	59.20	0.4		Z	19s	2.28um			5.6Msz	
								0.8s	31.45nm			5.6mb				SKKS	45	42.97			
KNT	83.10	319	eP	33	52.00	32km		Z	22s	7.07um		6.0Msz				SP	46	47.34			
SOH	83.11	318	eP	33	50.63	-0.1	LDF	86.77	336	eP	33	59.10	-0.6	CEH	96.36	33	P	34	46.09	1.5	
OUR	83.14	317	eP	33	40.96	-0.6		1.2s	68.75nm			5.8mb			Z	22s	2.44um			5.6Msz	
VAY	83.16	319	eP	33	41.24	-0.4	LBF	86.79	333	eP	33	59.20	-0.7			PP	38	31.87			
	1.5s	125.00nm			5.8mb			1.3s	91.35nm			5.8mb		BCAO	112.64	296	ePKPd	39	53.10	0.1	
							SSF	86.89	333	eP	33	59.80	-0.5		0.5s	3.00nm			40	36.00	
SKO	83.25	320	iP	33	51.70	30km		0.9s	49.30nm			5.7mb		SLR	123.83	263	iPKPc	40	14.00	-0.3	
	Z	18s	5.82um		6.0Msz		LPL	87.01	330	eP	34	00.80	-0.4		0.6s	23.33nm			40	16.70	-1.0
							LPG	87.08	330	eP	34	01.00	-0.3			e	42	08.70			
							SMF	87.13	333	eP	34	01.10	-0.4	KIC	125.63	318	PKP	40	16.90	-1.0	
GRG	83.51	319	eP	33	51.60	81kmX		1.3s	108.65nm			5.9mb		LIC	125.89	319	PKP	40	16.70	-1.7	
PAIG	83.59	317	eP	33	54.20	-0.7	AVF	87.18	333	eP	34	01.30	-0.4		Z	20s	0.90um			5.4Msz	
WTTA	83.64	329	iPc	33	53.60	32km		0.9s	84.20nm			6.0mb		BLF	127.11	260	ePKP	40	18.20	-2.4X	
	1.8s	154.00nm			5.9mb		EEO	87.18	27	eP	34	05.00	3.3X	FRS	128.08	260	ePKP	40	19.50	-2.6X	
							GRR	87.18	336	eP	34	01.40	-0.3	NVL	139.24	203	ePKP	40	33.00	-9.0X	
								0.9s	58.80nm			5.8mb			Z	18s	0.50um			5.3Msz	
SNF	83.67	335	iPc	33	54.10	32km	CKI	87.31	329	P	34	04.30	1.9		N	20s	0.40um				
							BGF	87.55	333	eP	34	03.30	-0.2		E	18s	0.50um				
							LPF	87.56	336	eP	34	03.30	-0.2	ZOBO	145.14	58	PKP	40	52.00	-2.7X	
FVI	83.70	328	P	33	43.90	-0.5		0.8s	51.20nm			5.9mb		LPB	145.34	59	PKP	40	53.00	-1.8	
WLF	83.75	333	P	33	46.00	1.5	MEO	87.57	46	iPc	34	05.70	1.8	CNCB	145.61	59	PKP	40	55.00	-0.4	
							PLDF	87.78	333	P	34	04.12	-0.6	ANT	148.41	71	ePKP	41	01.00	2.0	
SOTA	83.84	329	iPc	33	55.00	28km	MAF	87.94	333	eP	34	05.50	0.1	HJA	151.73	65	ePKPc	41	11.00	7.0X	
	1.3s	69.80nm			5.7mb			0.9s	48.65nm			5.8mb		PEL	152.79	88	ePKP	41	08.00	2.6X	

27d 16h

e 41 44.80
e 45 18.00
S.D. = 1.0 on 357 of 420 obs.

? DEC 27, 1992 16h 23m 39.90±0.81s
26.578 S ±15.3km 176.069 W ±33.3km
DEPTH = 10.0km (geophysicist)
SOUTH OF FIJI ISLANDS (171)

RAO 3.13 211 eP 24 30.00 -0.1
S 25 08.90
DZM 16.55 282 iPC 27 45.00 11.2X
SPA 63.58 180 iPC 34 13.20 0.3
0.9s 13.64nm 5.1mb X
MAT 76.13 324 eP 35 30.00 0.3
UPP 145.41 348 iPKP 43 19.50 0.4
NAO 145.44 354 PKP 43 19.00 -0.2
1.0s 14.70nm
HFS 145.79 351 ePKP 43 19.10 -0.7
0.7s 1.60nm
KSP 153.99 342 ePKP 43 42.10 9.6X
BRG 154.56 345 e(PKP) 43 42.50 9.3X
S.D. = 0.5 on 6 of 9 obs.

DEC 27, 1992 17h 10m 38.16±1.45s
41.640 N ±11.6km 23.171 E ±5.1km
DEPTH = 5.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
ML 2.5 (SKO).

KNT 0.52 203 ePg 10 48.98 0.4
eSg 10 58.30
VAY 0.55 235 iPg 10 49.40 0.2
iSg 10 59.60
SRS 0.61 149 ePg 10 50.06 -0.3
eSg 11 01.34
SOH 0.83 170 ePg 10 54.70 0.0
eSg 11 07.26
GRG 0.90 221 ePg 10 55.62 -0.2
eSg 11 10.58
THE 1.02 189 ePg 10 58.66 0.8
eSg 11 14.98
OUR 1.44 155 ePb 11 04.18 -0.8
eSb 11 25.82
FNA 1.60 238 ePb 11 06.78 -0.5
eSb 11 30.54
LIT 1.62 199 ePb 11 07.58 0.1
eSb 11 30.66
PAIG 1.75 167 ePb 11 09.06 -0.3
eSb 11 34.66
ALN 2.29 108 ePn 11 17.86 0.7
eSn 11 47.82
S.D. = 0.5 on 11 of 11 obs.

* DEC 27, 1992 18h 10m 25.41±1.09s
31.671 S ±6.1km 71.842 W ±13.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

JACH 1.46 134 eP 10 49.72 -0.1
ROCH 1.48 152 eP 10 50.10 -0.1
iS 11 10.09
PEL 1.76 147 iPd 10 54.71 0.5
iS 11 17.57
LCCH 1.81 173 iP+ 10 55.07 0.2
iS 11 18.16
FCH 2.11 142 eP 10 59.57 0.2
iS 11 27.28
TACH 2.12 159 eP 10 59.87 0.6
PCH 2.24 150 iP 11 01.48 0.4
LNV 2.31 171 iP+ 11 01.28 -0.6
CHCH 2.47 156 eP 11 03.26 -1.0
MDZ 2.81 116 eP 11 15.60 6.6X
i 11 21.90
iS 11 38.00
RTCV 2.82 95 eP 11 10.20 1.0
CFA 3.07 90 e(P) 11 13.00 0.2
MRA 5.26 100 e(P) 11 42.20 -1.5
CNCB 15.21 14 eP 14 02.00 2.0
LPB 15.45 14 (P) 14 01.00 -2.0
S.D. = 1.1 on 14 of 15 obs.

% DEC 27, 1992 18h 40m 38.65±1.03s
28.517 S ±7.5km 66.257 W ±11.7km
DEPTH = 10.0km (geophysicist)
CATAMARCA PROVINCE, ARGENTINA (130)

CYA 0.41 80 iP 40 47.20 0.1
RTPR 1.79 187 ePd 41 10.20 0.4
S 41 33.80
FSA 2.43 5 e(P) 41 19.00 0.0
S 41 50.00
TCA 3.16 153 e(P) 41 29.50 0.0
S 42 18.50
MRA 3.91 173 ePc 41 39.60 -0.4
S.D. = 0.4 on 5 of 5 obs.

% DEC 27, 1992 20h 11m 06.37±1.70s
39.359 N ±15.3km 28.752 E ±12.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.0 (ISK).

DST 0.26 339 iPg 11 12.60 0.6
eSg 11 17.80
KCT 0.94 341 iPn 11 24.50 0.2
ALT 1.10 106 iPn 11 27.20 0.1
BNT 1.18 328 ePn 11 28.00 -0.5
EDC 1.20 326 ePn 11 29.00 0.3
YLV 1.30 21 ePn 11 30.40 0.0
CTT 1.80 352 ePn 11 37.00 -0.7
S.D. = 0.6 on 7 of 7 obs.

& DEC 27, 1992 20h 45m 39.64s
34.268 N 116.457 W
DEPTH = 0.8km
SOUTHERN CALIFORNIA (43)
<PAS>P>. ML 3.0 (PAS). Felt.

PEC 0.69 237 eP 45 52.91 -0.6
PLM 0.97 200 ePd 45 57.97 -1.1
SSK 1.03 267 eP 45 58.95 -1.1
eS 46 13.27
GSC 1.07 345 eP 45 59.86 -0.8
GLA 1.82 131 ePn 46 09.85 -2.6
ePg 46 13.73
ISA 2.16 311 ePn 46 16.90 -0.5
BCH 3.12 288 ePn 46 30.68 -0.4
BONR 3.97 338 (Pn) 46 47.45 4.1
ePg 46 54.79
ARUT 4.28 34 (Pn) 46 45.64 -1.9
MSU 5.47 38 ePg 47 11.43 6.9
10 obs. associated

DEC 27, 1992 21h 09m 37.66±0.35s
39.488 N ±6.7km 71.668 E ±4.0km
DEPTH = 33.0km (normal)
4.7mb (38 obs.) 4.2Msz (2 obs.)
TAJIKISTAN (715)
Felt (111) at Darout-Kurgan and
Khaydarken, Kyrgyzstan.

KSH 3.34 89 Pn 10 31.00 2.1
Sg 11 16.30
FRU 4.01 33 iPn 10 39.20 0.8
i 10 51.80
e 10 55.80
e 11 26.00
e 11 38.00
AAA 5.48 45 (Pn) 10 59.00 -0.2
e 11 14.80
e 12 22.80
TLG 5.72 47 ePn 11 01.00 -1.6
e 11 16.00
PRZ 5.91 57 iPnc 11 07.00 1.7
iS 12 38.00
QUE 10.05 204 eP 12 07.60 4.6X
e 14 10.30
eS 15 06.80
MAIO 10.13 256 iPC 12 02.20 -1.8
0.7s 19.38nm 5.5mb
eS 13 53.00
ASH 10.52 266 eP 12 08.00 -1.2
0.6s 84.00nm 6.1mb X
eS 14 02.00
NDI 11.71 155 eP 12 23.50 -2.0
0.5s 14.08nm 5.4mb
SEM 12.49 26 iPC 12 32.40 -3.3X
1.1s 32.00nm 5.4mb
e 14 49.00
WMO 12.74 65 P 12 37.00 -2.3
1.0s 14.00nm 5.0mb
eS 14 59.00
BRVK 13.61 356 iPC 12 45.50 -5.0X

0.8s 25.00nm 5.1mb
eS 15 12.00
GKN 15.71 133 P 13 12.88 -5.5X
0.4s 46.00nm 5.0mb
KKN 16.24 132 P 13 19.04 -6.1X
0.4s 19.00nm 4.5mb
DMN 16.28 133 P 13 20.74 -4.9X
0.5s 19.00nm 4.5mb
PKI 16.48 132 P 13 23.12 -5.2X
0.6s 41.00nm 4.7mb
GUN 16.50 130 P 13 23.92 -4.7X
ELT 17.01 31 eP 13 31.00 -3.3X
1.4s 48.00nm 4.4mb
LSA 18.74 115 eP 13 53.90 -2.6
SVE 18.79 341 ePc 13 54.00 -2.4
ARU 18.99 337 eP 13 57.00 -1.9
UER 19.72 45 eP 14 05.50 -1.6
1.2s 10.00nm 4.0mb
GRO 19.84 290 eP 14 09.00 0.6
2.0s 240.00nm 5.2mb
POO 20.97 174 iPC 14 25.70 5.3X
GTA 21.70 81 eP 14 28.00 0.2
1.0s 38.00nm 4.8mb
PYA 21.77 291 iP 14 27.50 -0.7
1.0s 50.00nm 4.9mb
i 14 42.00
HYB 22.79 163 eP 14 40.50 1.9
MOY 23.69 49 eP 14 49.00 2.0
ZAK 24.71 53 eP 14 53.50 -3.3X
0.9s 17.00nm 4.6mb
LZH 25.58 87 eP 15 07.00 1.5
1.2s 18.00nm 4.5mb
Z 18s 0.49um 4.1Msz
pP 15 10.00 11kmX
GBA 26.28 167 P 15 18.00 6.2X
OBN 28.08 315 eP 15 28.00 0.1
0.6s 12.00nm 4.8mb
e 16 26.00
XAN 30.19 89 P 15 46.60 -0.5
TIY 31.72 80 eP 16 03.70 3.1X
Z 20s 0.62um 4.3Msz
BOD 32.84 42 iPC 16 08.70 -1.3
0.8s 19.00nm 5.0mb
MLR 33.88 295 ePC 16 19.00 -0.4
OJC 37.60 304 eP 16 50.70 0.0
KSP 39.77 305 eP 17 09.70 0.8
PRU 40.99 304 eP 17 20.00 1.2
HFS 41.09 320 eP 17 19.10 -0.4
0.4s 7.40nm 4.7mb
Z 17s 182.00um 7.0MszX
LR 34 33.00
BRG 41.25 306 eP 17 21.50 0.6
GEC2 41.70 303 Pd 17 25.90 1.1
1.0s 3.44nm 4.0mb
e 17 30.60
e 17 32.80
e 17 41.80
e 17 47.70
KHC 41.73 303 P 17 26.30 1.3
e 17 30.50
NAO 42.53 321 P 17 30.50 -0.9
0.6s 3.70nm 4.3mb
GRF 43.16 304 eP 17 38.40 1.8
CDF 45.96 303 eP 17 59.40 0.2
0.8s 2.70nm 4.2mb
BSF 46.42 303 eP 18 03.10 0.3
HAU 46.66 303 eP 18 04.90 0.2
LPG 47.08 300 eP 18 09.20 0.9
0.8s 7.95nm 4.8mb
LPL 47.09 300 eP 18 09.00 0.7
0.8s 7.95nm 4.8mb
SBF 47.10 297 eP 18 09.00 0.7
0.8s 19.50nm 5.2mb
LOR 48.48 303 eP 18 18.50 -0.4
0.8s 2.70nm 4.3mb
LBF 48.49 302 eP 18 19.20 0.2
0.5s 1.15nm 4.2mb
SMF 48.68 302 eP 18 20.40 0.0
SSF 48.77 302 eP 18 20.70 -0.5
0.9s 3.60nm 4.4mb
AVF 48.96 302 eP 18 22.60 0.1
0.9s 7.70nm 4.7mb
MAF 49.65 302 eP 18 28.30 0.4
0.9s 9.65nm 4.8mb
TCF 49.86 302 eP 18 29.90 0.3
EKA 50.54 314 Pd 18 34.80 0.2
0.8s 5.70nm 4.6mb

LDF 50.64 305 eP 18 35.30 -0.1
0.4s 2.25nm 4.5mb
GRR 51.17 305 eP 18 38.90 -0.5
0.8s 8.35nm 4.8mb
LFF 51.28 301 eP 18 40.80 0.5
0.8s 8.60nm 4.8mb
DAG 52.05 343 eP 18 46.00 0.3
0.7s 8.90nm 4.8mb
BCAO 59.23 248 iPc 19 37.00 -1.3
0.8s 10.00nm 5.0mb
id 19 49.60
WRA 83.14 123 P 22 03.70 2.0
0.3s 1.60nm 4.6mb
WB2 83.15 123 eP 22 01.60 -0.2
0.4s 7.30nm 5.1mb
S.D. = 1.2 on 53 of 66 obs.

? DEC 27, 1992 21h 11m 36.77±8.07s
5.502 S ±76.3km 129.514 E ±26.5km
DEPTH = 138.3 ±30.0 km
4.5mb (1 obs.)

BANDA SEA (280)

SLKI 3.03 144 iPc 12 24.50 -0.2
is 12 42.50
MTN 7.47 168 eP 13 25.20 0.8
0.4s 225.00nm 6.1mb X
eS 14 31.00
WB2 15.11 162 iPd 15 03.20 -1.1
eS 17 25.70
OIS 17.89 148 eP 15 39.00 0.6
MBL 18.18 210 eP 15 41.60 0.0
0.4s 10.00nm 4.5mb
ASPA 18.55 167 iPc 15 49.50 3.9X
eS 18 49.80
S.D. = 1.5 on 5 of 6 obs.

* DEC 27, 1992 21h 41m 14.68±1.31s
31.789 S ±15.1km 72.200 W ±14.0km
DEPTH = 90.8 ±38.5 km
OFF COAST OF CENTRAL CHILE (134)
MD 4.4 (SAN).

IHA 1.32 159 eP 41 38.60 0.0
eS 41 59.90
ROCH 1.55 140 eP 41 40.84 -0.9
is 42 00.27
JACH 1.63 124 iP 41 41.40 -1.2
is 42 00.50
LCCH 1.76 163 iP+ 41 44.44 0.1
PEL 1.86 137 iPd 41 45.31 -0.3
is 42 08.39
SAN 2.11 142 eP 41 48.22 -0.7
TACH 2.14 151 iP+ 41 50.07 0.7
is 42 15.17
FCH 2.23 134 iP+ 41 50.47 -0.3
eS 42 17.44
LNV 2.26 163 eP 41 50.65 -0.3
PCH 2.31 143 iP 41 51.66 -0.1
CHCH 2.50 149 iP+ 41 55.02 0.7
CACH 2.68 150 eP 41 57.19 0.3
MDZ 3.04 112 iP 42 03.90 2.2
is 42 35.30
RTCV 3.12 92 eP 42 04.00 1.3
RTLL 3.22 83 ePc 42 05.00 0.9
S 42 45.50
CFA 3.38 88 e(P) 42 07.70 1.3
S 42 51.10
RTPR 5.10 75 ePc 42 31.00 0.9
MRA 5.54 98 ePd 42 35.20 -1.1
CYA 6.47 61 eP 42 46.70 -2.5
(S) 44 02.00
TCA 6.51 88 e(P) 42 48.00 -1.7
CNCB 15.40 15 eP 44 50.00 1.3
LPB 15.64 15 (P) 44 58.00 6.4X
ZOB0 15.87 14 eP 44 54.00 -0.7
SIV 18.71 35 Pd 45 34.80 5.9X
SOC 126.24 57 ePKP 00 20.00 12.0X
1.2s 290.00nm
e 02 32.00
e 09 48.00
GBA 146.82 116 PKP 00 33.70 -12.7X
S.D. = 1.2 on 22 of 26 obs.

DEC 27, 1992 21h 49m 04.47±0.08s
6.087 S ±2.5km 113.050 E ±2.7km
DEPTH = 600.9km (geophysicist)

5.9mb (102 obs.)

JAWA, INDONESIA (277)

Depth from broadband
displacement seismograms.

FAULT PLANE SOLUTION: P-Waves

NP1: Strike=120 Dip=68 Slip=-80

NP2: 275 24 -113

Principal Axes:

T P1g=22 Azm=202

P 66 47

Comment: The focal mechanism is

moderately well controlled and

corresponds to normal faulting

with a small right-lateral

strike-slip component. The

preferred fault plane is NP1.

RADIATED ENERGY

No. of sto: 5 Focal mech. F

Energy 5.8±1.5×10¹² Nm

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 25S, 56C

Centroid Location:

Origin Time 21:49: 8.7 0.2

Lat 6.03S 0.02 Lon 113.10E 0.03

Dep 621.5 1.7 Half-duration 2.4

Moment Tensor: Scale 10¹⁷ Nm

Mrr=-5.94 0.18 Mtt=7.80 0.23

Mff=-1.85 0.29 Mrt=-5.60 0.24

Mrf=3.59 0.25 Mtf=-0.70 0.25

Principal Axes:

T Val=10.10 P1g=21 Azm=190

N -0.80 19 287

P -9.30 61 56

Best Double Couple: Mo=9.7×10¹⁷

NP1: Strike=250 Dip=29 Slip=-131

NP2: 115 68 -70

TRT 1.66 194 iPd 50 20.00 0.9
is 50 56.50
KHKI 3.40 132 iPc 50 27.50 1.0
MKS 6.45 83 iPc 50 52.50 2.5
KLI 8.25 278 ePc 51 06.70 0.1
e(S) 53 16.20
KUPT 11.20 112 eP 51 36.60 1.2
e(S) 53 35.00
TSM 11.38 25 iPd 51 40.20 3.0X
1.0s 3547.10nm 6.5mb
e 52 13.00
KKM 12.46 15 iPc 51 49.00 1.2
1.0s 1270.10nm 6.1mb
e 53 58.50
KGM 12.62 309 iPc 51 52.90 3.6X
1.1s 237.20nm 5.3mb
i 54 12.00
MNI 13.95 58 ePd 52 03.00 0.7
eS 54 32.60
KLM 14.60 308 eP 52 12.00 3.4X
IPM 16.01 311 ePc 52 24.60 2.3
0.9s 384.60nm 5.8mb
e 55 04.60
MBL 16.36 157 iPc 52 10.00 -15.6X
eS 55 50.00
NANU 16.55 172 iPc 52 28.90 1.4
eS 56 32.00
PPR 16.74 20 iPc 52 46.00 16.7X
DAV 18.10 44 eP 52 43.50 1.4
e 55 10.50
SNG 18.10 317 eP 52 43.50 1.4
1.0s 216.00nm 5.6mb
eS 55 06.00
SLKI 18.21 97 iPd 52 43.50 0.4
MTN 19.05 112 iPc 52 50.40 -0.5
PLP 20.85 35 ePd 53 07.50 0.1
PGP 20.98 22 ePc 53 10.80 2.2
MEEK 21.11 166 iPc 53 09.30 -0.5
eS 58 09.50
TGY 21.53 21 ePd 53 17.00 3.4X
eS 53 50.00
QVP 22.04 21 eP 53 19.00 0.9
QCP 22.07 21 eP 53 30.00 11.5X
NNT 22.79 325 iPd 53 26.40 1.4
MRWA 23.17 173 iPc 53 28.30 -0.1
BAG 23.56 18 eP 53 28.00 -4.1X
e 56 11.00
BAL 24.63 172 iPc 53 40.70 -0.5
WRA 24.85 126 P 53 43.20 -0.1

0.5s 9.10nm 4.7mb X
WB2 24.86 126 iPc 53 42.50 -0.9
iPcP 56 57.30
eS 57 20.70
eScP 59 39.20
NST 25.12 330 eP 53 53.50 7.9X
QIZ 25.16 353 Pc 53 47.40 1.5
0.8s 74.00nm 5.4mb
KHT 25.21 325 iPc 53 47.80 1.4
PIP 25.38 17 ePc 53 47.00 -0.9
KLB 25.75 171 iPc 53 50.60 -0.5
COOL 25.81 164 iPc 53 50.60 -1.0
LOE 25.88 335 iPd 53 54.00 1.7
MUN 25.93 174 iPc 53 52.10 -0.5
0.6s 683.00nm 6.5mb
ASPA 26.61 133 iPd 53 57.90 -0.7
0.3s 244.10nm 6.3mb
ePcP 57 02.10
iS 57 49.10
iScP 59 44.80
eScS 03 33.70
BDT 27.02 329 eP 54 03.00 0.8
1.0s 317.40nm 5.9mb
88P 27.85 18 ePc 54 08.50 -0.8
HKC 28.24 2 eP 54 13.70 1.0
S 58 14.00
FORT 28.32 152 eP 54 13.30 -0.1
CHG 28.38 331 ePd 54 15.00 1.0
1.2s 316.41nm 5.8mb
eS 58 20.90
CHTO 28.38 331 iPd 54 15.78 1.7
e 55 45.83
iScP 57 01.32
RKG 28.58 173 iPc 54 16.10 0.5
i 59 51.10
GZH 29.00 1 P 54 18.00 -1.2
0.9s 180.00nm 5.7mb
sP 57 06.00
S 58 26.00
OIS 29.50 122 eP 54 22.60 -1.1
eS 58 34.00
WWKK 30.56 87 eP 54 39.00 6.3X
QZH 31.31 10 iPc 54 39.50 0.7
S 59 02.50
TATO 31.95 15 ePd 54 44.08 -0.1
iPd 56 20.76
ed 56 23.08
eScP 57 30.95
MDG 32.58 90 eP 54 50.20 0.6
KMI 32.60 342 Pd 54 53.00 3.0X
1.0s 1090.00nm 6.4mb
sP 57 40.00
iS 59 29.00
GYA 32.94 349 iPc 54 53.60 1.0
1.2s 520.00nm 6.0mb
PcP 57 19.60
sP 57 42.00
S 59 30.00
ScP 00 06.40
PcS 01 05.20
ScS 04 07.00
PMG 33.95 98 eP 55 00.50 -0.6
0.9s 1189.92nm 6.5mb
FINC 34.59 93 eP 55 06.40 0.0
CTA 35.11 117 iPd 55 11.00 0.3
1.0s 250.00nm 5.8mb
i 57 25.00
i 00 01.00
CTAO 35.11 117 iPd 55 11.43 0.8
ePcP 57 24.85
eScP 57 57.96
WHN 36.44 2 Pc 55 22.50 1.2
1.5s 980.00nm 6.2mb
PcP 57 29.50
ScP 00 19.00
STK 37.01 138 eP 55 26.40 0.4
0.4s 79.90nm 5.7mb
eP 55 35.40 30kmX
ePP 57 08.80
ePcP 57 30.00
eScP 00 20.20
eS 00 28.30
iScS 04 25.30
PJG 37.15 58 eP 55 26.10 -1.3
GUA 37.16 58 eP 55 26.30 -1.2
0.8s 417.91nm 6.1mb
ADE 37.22 144 iPc 55 28.90 1.1

QUE	57.02	312	eP	57	59.40	2.6
			eS	05	05.80	
PRZ	57.71	330	iPc	58	02.00	0.8
	1.2s	400.00nm				5.5mb
			eS	05	16.50	
CIT	57.86	0	iP	58	02.50	0.5
	1.5s	726.00nm				5.7mb
			e	58	45.50	187kmX
			eS	05	18.00	
MOY	58.47	351	iPd	58	06.00	0.1
	1.6s	775.00nm				5.7mb
			eS	05	21.00	
IRK	58.61	354	iP-	58	06.00	-0.9
	1.6s	394.00nm				5.4mb
			eSP	58	44.20	616kmX
			e	00	04.00	
			e	00	25.00	
			ePPP	01	06.00	
			iS	05	25.00	
			ePS	05	38.00	
AAA	59.01	330	iP-	58	10.00	0.2
			eS	05	30.00	
YSS	59.04	23	iPd	58	08.08	-1.8
	1.0s	390.00nm				5.6mb
			ePcP	58	49.47	
			epPd	00	04.62	603kmX
			eSPc	01	07.52	
			ePPP	01	08.00	
			eS	05	38.30	
UER	59.69	346	iPc	58	13.20	-0.8
			e	00	13.20	625kmX
			e	01	14.00	
			iS	05	38.30	
KUR	59.84	28	iPd-	58	14.00	-1.1
	1.0s	2260.00nm				6.4mb
FRU	59.89	328	iPd	58	15.80	0.2
	2.2s	1200.00nm				5.7mb
			e	58	54.60	166kmX
			eS	05	41.00	
			e	07	03.00	
CSY	60.13	181	iPd	58	16.80	0.1
	0.7s	155.90nm				5.4mb
TUZ	62.77	139	P	58	32.20	-1.9
DSZ	62.88	134	P	58	34.60	-0.4
			e	59	05.40	127kmX
			e	00	36.30	
SEM	63.01	337	ePd-	58	35.70	0.1
			ipP	59	06.70	128kmX
			i	00	37.40	
			eS	06	16.40	
			i	07	24.60	
ODZ	63.12	138	eP	58	36.20	-0.3
QRZ	63.14	133	P	58	34.90	-1.7
	1.0s	159.00nm				5.4mb
ELT	63.30	342	iPd	58	34.70	-2.7X
	1.8s	627.00nm				5.7mb
			e	59	07.00	134kmX
			iS	06	21.00	
			e	07	01.00	
WCZ	63.31	127	P	58	38.50	0.7
			e	59	08.80	124kmX
L TZ	63.52	135	P	58	38.10	-1.0
			e	59	07.90	122kmX
THZ	63.67	134	P	58	39.30	-0.8
	0.6s	64.00nm				5.2mb
BOD	63.73	1	iPd	58	39.60	-0.4
	1.4s	702.00nm				5.9mb
MQZ	64.06	136	P	58	42.00	-0.4
DIW	64.15	133	P	58	41.80	-1.3
MOZ	64.24	130	P	58	43.50	-0.2
	1.1s	16.00nm				4.4mb X
KHZ	64.31	134	P	58	42.30	-1.7
TCW	64.51	133	eP	58	43.80	-1.5
KUZ	64.57	128	P	58	45.50	-0.2
	1.0s	27.00nm				4.6mb X
			e	59	13.50	113kmX
BSZ	64.64	131	P	58	46.40	0.2
WLZ	64.71	129	P	58	47.10	0.5
MRW	64.83	133	P	58	45.80	-1.5
KIW	64.89	132	P	58	45.80	-1.9

			eS	06	08.00				1.0s	650.00nm		6.0mb	RZN	92.76	311	iPd	01	14.00	-1.0	
PGZ	65.84	132	P	58	53.10	-0.4					02	12.00	608kmX	PLD	92.81	312	iPd	01	14.00	-1.0
CRZF	65.95	222	eP	58	42.00	-12.1X					09	30.00		SDN	92.94	35	eP	01	14.41	-0.8
			ePP	01	00.00		PYA	80.07	317	iP	00	14.00	0.0		0.8s	427.96nm			6.5mb	
			eS	07	01.00						02	22.00	608kmX	OUR	93.18	310	eP	01	16.06	-0.6
			eSS	10	47.00						09	28.00		PGB	93.25	312	iPd	01	16.00	-1.1
			eSSS	14	24.00		WAJH	80.64	298	iPd	00	17.00	-0.3	PAIG	93.38	310	eP	01	16.65	-1.0
URZ	65.96	129	P	58	52.90	-1.4	AYN	81.67	300	iPd	00	23.00	0.6	MMB	93.49	311	iPd	01	17.00	-1.2
NOZ	66.74	129	P	58	58.40	-0.7	HOL	82.56	300	iPd	00	27.50	0.6	SRS	93.55	311	eP	01	17.17	-1.2
HBZ	66.75	128	P	58	58.00	-1.2	SLR	82.69	245	iPd	00	27.50	-0.3	SOH	93.70	310	eP	01	17.93	-1.2
PUZ	66.81	129	P	58	57.70	-1.9		1.5s	319.44nm				5.6mb	VTS	93.96	312	iPd	01	19.00	-1.4
SHI	68.03	305	iPd	59	06.00	-1.3				02	38.00	617kmX	THE	93.98	310	eP	01	19.28	-1.1	
DHR	68.90	301	iPd	59	11.00	-1.3	DSI	82.74	303	iPd	00	29.00	1.3	KNT	94.07	311	eP	01	26.78	6.0X
			eS	07	20.00		HRI	82.79	305	iPd	00	29.70	1.6	LIT	94.30	310	eP	01	29.10	7.2X
KAT	69.08	316	iP-	59	12.50	-0.7	ADK	82.79	36	eP	00	26.48	-1.0	VAY	94.33	311	iP	01	21.00	-0.9
			i	01	15.00	605kmX		1.3s	805.42nm				6.1mb		1.2s	115.00nm			6.0mb	
			e	01	53.00					02	37.17	618kmX	GRG	94.43	311	eP	01	21.00	-1.5	
			iS	07	28.00		BHL	82.99	305	P	00	28.00	-1.1	NUR	94.46	330	iP	01	22.00	0.0
			e	08	14.00					S	09	52.00		BCAO	94.94	274	iPd	01	25.00	-0.3
BRVK	69.10	334	iPd	59	12.00	-1.1	RMN	83.16	302	iPd	00	31.00	1.0		0.4s	80.00nm			6.3mb	
	1.2s	351.00nm				5.8mb	ADI	83.17	304	iPd	00	31.60	1.7				id	03	35.00	597kmX
YAK	69.12	8	iPd-	59	11.20	-1.7	PRY	83.34	244	iPd	00	31.00	-0.1				id	03	39.00	
	1.1s	2795.00nm				6.7mb	ADAT	1.2s	102.00nm				5.3mb				id	07	13.30	
			epP	59	38.00	106kmX	KSR	83.90	308	eP	00	32.20	-1.2				ic	10	56.90	
			i	01	14.00			83.93	245	iPd	00	43.00	9.0X	UZH	95.02	318	iPd	01	24.20	-0.6
			iS	07	27.00		SPA	1.0s	32.00nm				4.9mb		1.5s	120.00nm			5.9mb	
			esS	08	10.00			83.95	180	iPd	00	33.90	0.6				e	03	36.00	607kmX
			e																	

27d 22h

BRG	100.44	320	iPdiff01	49.00	-0.2	LFF	110.02	316	ePKP	06	30.00	-0.2	ANTZ	121.71	300	iSKPdf09	31.93			
	1.2s		36.00nm		5.7mb		0.6s		8.30nm							ePKPd	06	52.00	-1.0	
			e	05	22.00											e	06	54.00		
KLU	100.59	29	ePdiff01	49.86	0.1	MFF	110.26	318	ePKP	06	29.90	-0.7	PRS	121.96	51	iPKPd	06	54.04	0.8	
			epP	04	02.37								CMB	122.17	49	ePKP	06	53.44	-0.2	
GEC2	100.71	318	Pdiff	01	50.00	-0.6	GRR	110.31	319	ePKP	06	29.80	-0.8				ePP	08	33.44	
	0.7s		2.62nm		4.8mb X											eSKPdf09	32.45			
			e	01	53.60		LPF	110.52	319	ePKP	06	30.40	-0.6	LLA	122.20	50	iPKPd	06	54.67	0.9
			e	01	55.00			0.6s		18.05nm			PRI	122.56	51	iPKPd	06	55.70	1.1	
			e	01	58.00		EPF	110.68	314	ePKP	06	31.30	-0.3	FRI	123.02	49	iPKPd	06	55.79	0.5
			e	02	01.10			0.7s		3.00nm			BCH	123.31	52	ePKPd	06	56.93	0.8	
KHC	100.77	319	Pdiff	01	50.90	0.1	DMU	112.26	326	ePKP	06	34.30	0.2				eSKPdf09	35.90		
	1.4s		7.00nm		5.0mb		DLF	112.27	326	ePKP	06	33.90	-0.2	MMPM	123.32	49	ePKP	06	57.81	1.5
			e	04	30.00		DCN	112.67	326	ePKP	06	34.60	-0.4	FCC	123.44	17	ePKPc	06	58.00	2.6X
			e	05	51.00		ECRI	112.82	314	iPKPc	06	36.50	0.8	KVN	123.49	47	ePKP	06	57.27	0.8
CLL	101.00	321	iPdiff01	51.10	-0.6	ETOR	112.88	312	iPKPd	06	36.00	0.0				eSKPdf09	36.73			
	1.2s		25.00nm		5.6mb	EVIA	113.67	310	iPKPc	06	37.20	-0.4	MRCM	123.69	48	ePKP	06	57.94	1.1	
			e	04	02.00	ENIJ	113.76	308	iPKPd	06	37.50	-0.2				ePP	08	44.83		
WET	101.23	319	iPdiff01	53.10	0.3	GUD	114.47	312	iPKPc	06	39.00	-0.1				eSKPdf09	37.10			
	1.3s		33.00nm		5.7mb	EBAN	114.75	309	ePKP	06	39.00	-0.5	BONR	123.74	48	ePKP	06	56.91	-0.2	
NAO	101.24	331	Pdiff	01	51.00	-1.5	EGUA	114.85	308	iPKPc	06	38.80	-0.9				ePP	08	48.40	
	1.0s		28.00nm		5.7mb	PAB	114.87	311	iPKPc	06	39.50	-0.3				eSKPdf09	29.15			
MOX	101.93	320	ePdiff01	55.70	-0.2	ELUQ	115.25	309	iPKPc	06	39.50	-1.0	MTUM	123.76	49	ePKPd	06	57.64	0.7	
	1.6s		41.00nm		5.7mb	EHOR	115.95	309	iPKPc	06	41.50	-0.3				ePP	08	48.80		
			e	04	07.20	EPLA	116.04	312	iPKPc	06	43.00	1.1				eSKPdf09	37.05			
GRF	102.27	319	ePdiff01	57.70	0.3	EPRU	116.13	308	iPKPc	06	41.50	-0.7	LRM	124.24	37	ePKP	06	57.80	0.1	
	Z 19s		0.30um		4.8Msz	EJIF	116.43	308	iPKPd	06	42.50	-0.2	ISA	124.40	51	ePKP	06	58.84	0.7	
			ePP	06	15.80	OSD	116.44	39	PKP	06	43.37	0.7	TNP	124.49	47	ePKP	06	57.86	-0.6	
BALM	102.36	29	ePdiff01	57.86	0.2	MCW	116.65	38	ePKP	06	43.67	0.9				eSKPdf09	38.98			
DAG	104.79	350	ePdiff02	07.00	-0.9	IFR	116.76	304	ePKP	06	46.00	2.3X	SSK	125.48	52	ePKP	07	00.75	0.3	
	1.8s		104.55nm		6.3mb	STS	117.03	315	iPKPc	06	43.80	0.2				ePP	08	59.31		
CDF	104.99	318	ePdiff06	19.30	249.7X	GMW	117.12	39	ePKP	06	43.99	0.3				eSKPdf09	40.56			
	0.8s		5.10nm													ePP	08	59.31		
BSF	105.39	318	ePKP	06	20.30	-1.2	EVAL	117.17	309	iPKPd	06	45.00	0.9	HHAJ	125.56	40	ePKPd	07	00.93	0.7
	0.5s		6.40nm			JCW	117.40	38	PKP	06	44.44	0.2	TPNV	125.63	48	ePKP	07	01.53	0.9	
WLF	105.54	320	PKP	06	15.00	-6.5X	HTW	117.65	38	PKP	06	44.79	0.0				ePP	08	59.30	
			e	06	43.00		CZM	117.72	40	PKP	06	45.59	0.7				eSKPdf09	40.47		
HAU	105.66	318	ePKP	06	21.10	-0.8	RMW	117.76	39	ePKP	06	45.14	0.1	KDS	125.68	281	ePKP	07	02.30	1.2
	0.6s		7.50nm			GSM	117.87	39	PKP	06	45.70	0.4	PTI	125.77	40	ePKPc	07	01.88	1.2	
	Z 21s		0.25um		4.7Msz	REMR	117.99	40	PKP	06	45.97	0.4				ePP	08	58.01		
LPG	105.73	315	ePKP	06	22.00	-0.5	LON	118.04	40	ePKP	06	45.22	-0.3				eSKPdf09	40.58		
LPL	105.74	315	ePKP	06	21.80	-0.6							GSC	125.80	50	ePKP	07	01.80	0.9	
FRF	106.05	313	ePKP	06	22.30	-0.4	RCS	118.04	39	PKP	06	46.45	0.5				ePP	09	01.20	
	0.4s		3.15nm			FMW	118.05	39	PKP	06	45.73	0.0				e	09	08.96		
LMR	106.18	313	ePKP	06	22.50	-0.5	KIC	118.19	274	PKP	06	41.00	-5.7X				eSKPdf09	41.83		
LRG	106.27	313	ePKP	06	22.80	-0.3	GLK	118.24	40	PKP	06	46.12	0.1	PEC	126.00	52	ePKPd	07	01.61	0.4
	0.5s		5.05nm			VLMM	118.35	41	PKP	06	46.74	0.5				ePP	08	58.49		
	Z 22s		0.25um		4.7Msz	ASR	118.41	40	PKP	06	46.55	0.2				eSKPdf09	41.25			
DOU	106.46	320	PKP	06	20.30	-3.0X	LIC	118.47	274	PKP	06	41.60	-5.6X	HVU	126.03	42	ePKP	07	01.63	0.4
			e	06	49.20		TIC	118.49	274	PKP	06	41.80	-5.5X	PLM	126.42	53	ePKP	07	02.34	0.1
UCC	106.48	321	Pdiff	02	15.00	-1.0	TDH	118.61	41	PKP	06	46.83	0.0				ePP	09	02.32	
			e	06	46.00		VLL	118.62	41	PKP	06	47.15	0.4	DUG	126.74	43	ePKP	07	02.98	0.4
SNF	106.58	321	PKP	06	19.40	-4.1X	ETW	118.62	38	PKP	06	46.47	-0.3				ePP	09	02.04	
			e	06	49.80		FHC	118.64	47	ePKP	06	48.21	1.4	ARUT	127.35	46	ePKP	07	04.76	0.9
LBF	107.41	317	ePKP	06	24.60	-0.7	AVE	118.67	305	ePKP	06	47.00	-0.1				ePP	09	08.00	
	0.8s		8.60nm			DHW2	118.80	38	PKP	06	46.57	-0.4	DAU	127.69	42	ePKP	07	04.74	0.1	
LOR	107.44	318	ePKP	06	24.50	-0.8	VFP	118.81	41	PKP	06	47.38	0.2				ePP	09	13.18	
	0.7s		6.70nm			VBEM	118.83	41	PKP	06	47.39	0.2	MSU	127.94	45	ePKP	07	06.17	1.1	
	Z 21s		0.20um		4.7Msz	BPO	118.92	42	PKP	06	47.84	0.4	GLA	128.12	52	ePKP	07	05.88	0.6	
SMF	107.56	317	ePKP	06	24.70	-0.8	TIO	119.02	302	iPKPc	06	48.00	0.0				ePP	09	15.37	
SSF	107.72	317	ePKP	06	25.20	-0.6	VGB	119.18	41	ePKP	06	48.14	0.4				eSKPdf09	46.05		
	1.0s		40.60nm			CROR	119.25	41	PKP	06	48.23	0.3	EMUT	128.27	43	ePKP	07	06.40	0.7	
AVF	107.87	317	ePKP	06	25.10	-0.9	LGPM	119.44	46	ePKP	06	48.71	0.2				ePP	09	17.19	
	0.6s		3.50nm													e	09	29.82		
BGF	106.25	317	ePKP	06	26.40	-0.4	CRF	119.53	39	PKP	06	48.67	0.4	SRU	128.81	43	ePKP	07	06.64	0.0
	0.7s		24.25nm			GBL	119.58	39	PKP	06	48.80	0.4				ePP	09	19.50		
MAF	108.51	317	ePKP	06	26.60	-0.7	PRW	119.60	39	PKP	06	49.18	0.7	ULM	129.76	24	ePKP	07	10.00	2.2X
TCF	108.74	317	ePKP	06	27.30	-0.5	VIPM	119.68	42	PKP	06	49.35	0.5	PV09	130.05	44	ePKP	07	10.05	0.9
	0.7s		9.50nm			OD2	119.70	38	PKP	06	48.49	-0.1				epP'df09	28.21			
CAF	109.10	315	ePKP	06	28.30	-0.2	DPW	119.80	37	ePKPd	06	48.90	0.0				eSKPbc09	36.72		
	0.4s		4.20nm													e	09	29.82		
LSF	109.21	317	ePKP	06	27.80	-0.8	ET3	119.92	39	PKP	06	49.35	0.3	RSSD	130.12	35	ePKP	07	08.35	-0.7
	0.8s		10.90nm			LBFM	119.96	45	ePKP	06	50.09	0.5				Z 20s	0.20um		4.8Msz	
RJF	109.40	316	ePKP	06	28.70	-0.3							PV10	130.18	44	ePKP	07	09.68	0.3	
	0.7s		11.00nm			NEW	120.26	36	ePKP	06	49.70	0.0				epP'df09	27.93			
	Z 22s		0.17um		4.6Msz											eSKPbc09	37.11			
RES	109.57	8	ePKP	06	29.50	1.1	NTYM	120.36	49	ePKP	06	50.81	0.7				iSKPob09	37.74		
	1.0s		9.00nm													e	09	10.83	1.1	
EKA	109.72	327	PKP	06	30.00	0.7	MIN	120.51	46	iPKPd	06	51.68	1.1	PV08	130.35	43	ePKP	07	10.83	1.1
	0.5s		4.10nm			LNOR	120.63	39	PKP	06	50.30	-0.2				e	09	30.43		
LPO	109.75	315	ePKP	06	29.70	0.0	ZSP	120.80	49	ePKP	06	52.36								

GLD	131.99	40	eSKP	df09 52.00	-0.4	FSA	148.01	182	ePKP	b07 42.08	1.4	MDZ	1.61	210	eP	40 10.10	-13.5X
			ePKP	07 12.22					ePKP	a07 45.12					iS	40 48.60	
ALO	133.66	46	eSKP	b09 43.61		LVVM	148.28	62	ePKP	d 07 42.50	9.7X	RTPR	1.67	45	ePc	40 24.50	0.1
			ePKP	07 16.97	1.0	CEH	148.31	19	ePKP	07 41.55	0.2				S	40 41.30	
			eSKP	b09 49.05					ePKP	07 47.00		MRA	2.07	117	ePc	40 30.20	0.1
ACO	137.65	39	iPKP	d 07 13.90	-9.3X				(PKP)	07 45.02	2.0				S	40 55.60	
EEO	138.27	13	ePKP	07 16.50	-7.5X	PRM	148.70	25	ePKP	07 42.39	0.4	CYA	3.54	31	eP	40 51.00	-0.1
MEO	139.18	41	iPKP	c 07 06.60	-19.4X				ePKP	b07 54.40					S	41 44.00	
CBM	139.29	1	ePKP	07 25.50	-0.3				(PKP)	a07 53.14					S.D. = 0.1	on 6 of 7 obs.	
			eSKP	10 03.78		OXX	148.91	67	(PKP)	07 45.02	2.0						
			ePP	10 26.15		LHS	148.98	23	ePKP	07 42.34	0.0						
FNO	139.65	40	iPKP	d 07 20.40	-6.4X				ePKP	b07 47.45							
SIO	140.03	38	ePKP	07 21.00	-6.5X	SLA	149.34	183	ePKP	c 07 44.04	0.6						
TUL	140.23	38	ePKP	07 21.20	-6.7X	ANT	150.20	174	ePKP	07 45.00	0.5						
	1.6s	444.50nm				SGS	150.23	23	ePKP	07 45.30	1.0						
			e	07 28.20					ePKP	b07 51.08							
			e	10 06.00					ePKP	b07 59.63							
			e	13 37.00		HBF	150.51	23	(PKP)	07 45.67	0.9						
			e	18 39.40					ePKP	b07 51.25							
			e	25 56.90					e	08 01.22							
LNO	140.23	38	ePKP	c 07 20.70	-7.0X	HJA	150.84	183	ePKP	d 07 48.00	2.5X						
			e	07 28.30		BAO	151.39	221	PKP	c 07 46.90	0.2						
			e	10 06.40					e	07 53.90							
			e	18 39.20					e	10 12.20							
LNO2	140.23	38	ePKP	c 07 20.90	-6.9X				e	10 18.50							
LN03	140.23	38	ePKP	07 21.30	-6.6X	ARE	157.15	169	ePKP	07 57.00	2.4X						
LMN	140.34	358	ePKP	d 07 24.70	-3.0X	CNCB	157.23	177	iPKP	d 07 56.90	1.9						
RLO	140.53	37	ePKP	c 07 22.00	-6.4X	SIV	157.31	195	PKP	d 07 59.80	5.4X						
VVO	140.64	38	ePKP	07 23.10	-5.5X				i	08 35.60							
PEL	140.83	175	ePKP	07 25.00	-4.1X	LPB	157.50	177	PKP	07 57.10	2.0						
ACTO	140.89	15	PKP	07 24.51	-4.3X	ZOBO	157.74	177	PKP	d 07 56.80	1.1						
ELF	140.93	17	PKP	07 24.00	-4.9X		1.2s	66.89nm									
MIM	140.95	2	ePKP	07 22.99	-5.8X	TOV	175.37	37	iPKP	c 08 08.10	0.4						
WLVO	141.00	13	PKP	07 23.70	-5.2X				S.D. = 0.9	on 421 of 490 obs.							
LDN	141.11	17	PKP	07 29.95	0.8	? DEC 27, 1992	22h 21m	03.57± 4.31s									
RSNY	141.12	9	ePKP	07 29.65	0.5	40.550 N ± 8.5km	27.674 E ± 35.0km										
	Z 19s					DEPTH = 10.0km	(geophysicist)										
			eSKP	10 09.14	5.0MsZ	TURKEY		(366)									
			ePP	10 36.67		MD 2.7 (ISK).											
			eSKKP	18 34.97		EDC	0.25	145	iPg	21 09.00	0.1						
DLA	141.16	17	PKP	07 24.40	-4.9X				iSg	21 15.00							
MDZ	141.20	177	e(PKP)	07 23.20	-6.6X	BNT	0.27	136	ePg	21 08.00	-1.3						
TYNO	141.42	15	PKP	07 25.10	-4.6X	KCT	0.60	120	iPg	21 15.90	0.2						
STCO	141.49	14	PKP	07 25.10	-4.7X				iSg	21 28.40							
EMM	141.50	1	ePKP	07 24.74	-5.0X	CTT	0.83	44	iPg	21 19.30	-0.3						
			eSKP	10 10.19		DST	1.19	142	ePn	21 26.70	0.8						
MRA	141.70	182	ePKP	c 07 26.70	-3.8X	YLV	1.29	89	ePn	21 28.00	0.4						
FVM	141.75	31	ePKP	07 25.62	-4.8X				S.D. = 0.9	on 6 of 6 obs.							
UYO	142.21	39	iPKP	c 07 27.70	-3.7X	? DEC 27, 1992	22h 38m	23.45± 5.03s									
AGX	142.41	62	(PKP)	07 32.10	0.1	32.218 S ± 45.2km	70.926 W ± 17.7km										
MIAR	142.49	37	ePKP	07 33.05	1.2	DEPTH = 70.0km	(geophysicist)										
			eSKP	10 13.97		CHILE-ARGENTINA BORDER REGION	(127)										
RTLL	142.77	178	ePKP	c 07 29.60	-2.9X	MD 3.5 (SAN).											
ELC	142.89	30	ePKP	07 29.28	-3.1X	JACH	0.54	149	eP	38 36.85	-0.1						
OLY	143.05	34	ePKP	07 29.73	-3.0X	ROCH	0.76	185	eP	38 39.33	-0.1						
			eSKP	df10 13.92		PEL	0.95	168	iP	38 41.53	0.0						
HRV	143.50	6	ePKP	07 32.00	-1.3				iS	38 56.13							
GRT	143.58	31	ePKP	07 32.42	-1.2	FCH	1.23	154	iP	38 45.80	0.3						
RTPR	143.82	181	ePKP	d 07 33.80	-0.4				iS	39 04.27							
MRX	144.08	65	(PKP)	07 35.66	0.8	LCCH	1.37	203	iP	38 47.44	0.4						
MCWV	144.61	17	ePKP	c 07 35.43	0.1	TACH	1.43	180	iP+	38 48.36	0.4						
LVNJ	144.73	10	ePKP	07 35.35	-0.1				iS	39 07.14							
			eSKP	10 18.15		PCH	1.44	166	eP	38 47.87	-0.2						
PNJ	144.74	9	PKP	07 35.66	0.3				eS	39 08.01							
			i	07 40.49		LNV	1.78	193	iP	38 51.93	-0.7						
			i	09 04.88					iS	39 16.71							
GMTN	144.75	10	iPKP	c 07 35.60	0.1				S.D. = 0.5	on 8 of 8 obs.							
VAO	145.11	213	ePKP	07 37.50	0.8	* DEC 27, 1992	23h 39m	56.99± 0.90s									
			e	07 41.00		31.490 S ± 14.3km	67.886 W ± 7.5km										
			e	10 20.10		DEPTH = 32.1 ± 12.6 km											
CYA	145.65	182	iPKP	d 07 37.50	0.1	SAN JUAN PROVINCE, ARGENTINA	(137)										
UNM	146.00	64	(PKP)	07 39.50	1.0	CFA	0.32	249	ePd	40 05.00	0.0						
III	146.03	66	(PKP)	07 42.06	3.6X				S	40 10.90							
ACX	146.08	69	(PKP)	07 40.45	2.2X	RTLL	0.52	288	iPc	40 08.00	0.0						
NAV	146.45	20	ePKP	07 38.15	-0.3	RTCV	0.67	236	iPd	40 10.10	0.0						
			ePKP	b07 40.70													
			ePKP	b07 44.33													
			e	09 59.09													
CVL	146.57	17	ePKP	07 38.15	-0.4	* DEC 27, 1992	23h 39m	56.99± 0.90s									
			ePKP	b07 42.09		31.490 S ± 14.3km	67.886 W ± 7.5km										
PPM	146.58	64	(PKP)	07 41.08	1.4	DEPTH = 32.1 ± 12.6 km											
CBN	146.66	15	iPKP	c 07 39.00	0.4	SAN JUAN PROVINCE, ARGENTINA	(137)										
			i	07 42.00		CFA	0.32	249	ePd	40 05.00	0.0						
BLA	146.67	20	ePKP	c 07 38.87	0.1				S	40 10.90							
			iPKP	b07 41.87		RTLL	0.52	288	iPc	40 08.00	0.0						
			ePKP	b07 44.65		RTCV	0.67	236	iPd	40 10.10	0.0						
TKL	146.75	25	ePKP	07 38.76	-0.1												

28d 00h

1.8s 380.00nm
e 19 35.00
MAIO 164.97 83 ePKP 18 44.00 0.7
e 19 40.00
QUE 169.02 119 ePKP 18 53.30 6.7X
S.D. = 0.9 on 46 of 53 obs.

? DEC 28, 1992 00h 16m 17.42±2.62s
34.330 S ±51.8km 101.495 W ±16.6km
DEPTH = 10.0km (geophysicist)
5.3mb (8 obs.)

WEST CHILE RISE (686)

ARE 32.25 64 eP 22 50.00 1.4
CNCB 34.69 68 P 23 09.20 -1.0
LPB 34.77 68 eP 23 11.00 0.4
ZOBO 34.89 67 P 23 10.10 -1.8
LR 33 16.00
SIV 40.57 74 eP 24 00.00 1.2
TUC 66.86 351 eP 27 12.24 0.6
1.2s 25.56nm 5.3mb
UYO 68.46 6 iPc 27 21.80 0.3
MED 68.81 3 iPd 27 23.10 -0.6
PLM 68.86 346 eP 27 23.53 -0.8
FNO 69.33 4 iPc 27 27.40 0.5
SIO 69.88 4 eP 27 30.10 -0.2
TUL 70.08 5 ePc 27 31.40 -0.1
0.6s 13.60nm 5.3mb
LNO 70.08 5 ePc 27 31.30 0.0
LNO2 70.08 5 eP 27 31.30 -0.1
LNO3 70.08 5 e(P) 27 31.70 0.2
OLY 70.10 9 eP 27 31.71 0.1
RLO 70.39 6 eP 27 33.10 -0.3
ACO 70.70 2 iPd 27 35.90 0.7
GSC 70.73 347 ePd 27 35.65 0.0
BCH 71.31 344 ePd 27 39.29 0.2
ISA 71.42 345 eP 27 38.60 -1.1
0.9s 20.22nm 5.2mb
TPNV 72.23 348 (P) 27 45.94 1.2
ARUT 72.61 350 eP 27 46.85 0.0
PV10 72.68 354 eP 27 46.97 -0.4
FVM 72.68 9 ePc 27 47.32 0.3
0.9s 25.77nm 5.3mb
PV09 72.81 354 eP 27 48.60 0.4
PV08 72.84 354 eP 27 48.83 0.4
MMPM 73.41 346 eP 27 51.79 0.0
TNP 73.51 347 ePd 27 52.50 0.3
0.9s 26.71nm 5.3mb
SRU 73.55 353 eP 27 52.09 -0.3
ARN 73.71 343 eP 27 53.83 0.7
DUG 74.89 351 eP 27 59.74 -0.3
1.1s 17.80nm 5.0mb
DAU 74.92 352 eP 28 00.41 0.0
HVV 76.44 351 eP 28 07.75 -1.1
LGPM 77.41 344 ePc 28 14.15 -0.1
HHA1 77.89 352 eP 28 16.80 0.0
RSSD 78.11 358 eP 28 18.06 0.0
1.2s 49.24nm 5.5mb
LCCM 80.35 353 ePd 28 30.20 0.0
RSNY 82.24 19 eP 28 38.20 -1.7
1.3s 34.09nm 5.3mb
DPW 83.19 349 eP 28 44.25 -0.6
ULM 84.36 4 ePc 28 52.50 2.0
GEC2 130.86 52 PKP 35 22.00 -8.4X
1.0s 2.46nm
ZNT 143.80 81 ePKP 35 44.20 -10.4X
ADI 144.17 80 ePKP 35 45.20 -10.0X
OBN 144.43 41 iPKPd 35 47.90 -7.0X
1.7s 200.00nm
e 36 01.00
HRI 144.64 79 ePKP 35 47.00 -9.1X
BJI 149.61 292 ePKP 35 59.00 -4.7X
1.3s 40.00nm
MAIO 164.35 77 ePKP 36 14.00 -8.2X
GUN 171.01 227 PKP 36 16.20 -11.1X
PKI 171.03 223 PKP 36 16.60 -10.7X
DMN 171.23 222 PKP 36 17.20 -10.1X
KKN 171.27 224 PKP 36 17.00 -10.3X
GKN 171.79 221 PKP 36 17.00 -10.4X
S.D. = 0.8 on 41 of 53 obs.

? DEC 28, 1992 00h 38m 55.46±8.78s
19.021 N ±40.5km 64.853 W ±64.9km
DEPTH = 10.0km (geophysicist)
VIRGIN ISLANDS (91)

LPR 1.20 234 iP 39 17.80 0.0

CPD 1.40 226 iP 39 21.10 0.0
SJJ 1.53 234 iP 39 22.80 0.0
PORP 1.95 241 iP 39 28.90 0.0
LRS 2.02 249 iP 39 29.90 -0.1
MGP 2.35 245 iP 39 34.90 0.2
S.D. = 0.1 on 6 of 6 obs.

DEC 28, 1992 00h 48m 05.26±0.73s
58.279 N ±6.5km 150.398 W ±3.2km
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
ML 2.8 (AEIC).

SYI 1.10 288 eP 48 26.24 0.4
KDC 1.24 245 eP 48 26.56 -1.6
CNPM 1.32 341 iP 48 30.52 0.8
eS 48 48.04
BRLK 1.51 351 eP 48 33.02 0.6
CDD 1.82 292 eP 48 38.59 1.7
SEW 1.89 15 eP 48 38.17 0.3
AUL 1.93 306 eP 48 40.09 1.7
LTI 2.20 35 iP 48 42.67 0.3
MTU 2.22 38 P 48 43.00 0.3
ILIM 2.24 325 eP 48 42.60 -0.3
SLKM 2.24 2 eP 48 42.94 0.0
S 49 09.76
MCNL 2.25 296 eP 48 45.02 2.0
INE 2.25 324 eP 48 42.79 -0.5
MPA 2.28 13 eP 48 43.48 0.0
INW 2.28 323 eP 48 43.45 -0.2
KNIM 2.48 32 iP 48 46.44 0.0
eS 49 15.81
RS1 2.50 332 eP 48 46.44 -0.3
RSO 2.50 332 eP 48 46.35 -0.4
RS2 2.50 332 eP 48 46.39 -0.4
S 49 17.32
NKA 2.51 351 eP 48 48.81 2.1
REF 2.51 333 eP 48 46.62 -0.3
RDT 2.52 337 eP 48 46.83 -0.1
RDW 2.53 332 eP 48 46.70 -0.5
RDN 2.55 333 eP 48 47.10 -0.3
DFR 2.60 334 eP 48 47.71 -0.4
NCT 2.63 332 eP 48 48.14 -0.4
PTE 2.69 15 iP 48 49.65 0.4
HIN 2.91 42 eP 48 52.80 0.3
PMS 3.01 8 P 48 53.70 -0.1
SPU 3.03 345 eP 48 53.58 -0.6
CKT 3.07 343 eP 48 54.16 -0.6
CKL 3.09 342 eP 48 53.91 -1.1
CKN 3.09 344 eP 48 54.95 0.0
GLI 3.10 31 eP 48 55.13 0.0
CRP 3.13 344 eP 48 54.94 -0.7
CP2 3.14 343 (P) 48 55.39 -0.4
CGLM 3.15 346 eP 48 55.28 -0.6
BGL 3.16 342 eP 48 55.40 -0.7
FID 3.18 37 eP 48 56.01 -0.3
KNK 3.29 16 eP 48 57.71 -0.2
PMR 3.38 10 eP 48 58.38 -0.8
SGAM 3.47 48 eP 49 00.56 0.2
VLZ 3.53 34 eP 49 01.43 0.3
GHO 3.58 11 P 49 02.50 0.4
SML 3.69 15 eP 49 04.05 0.5
KLU 3.93 33 eP 49 07.12 0.1
BALM 4.93 52 eP 49 20.89 -0.3
S.D. = 0.8 on 47 of 47 obs.

DEC 28, 1992 01h 06m 27.00±1.33s
16.685 S ±26.2km 176.622 E ±10.3km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.)

FIJI ISLANDS REGION (181)

SGE 1.54 126 iP 06 54.00 -0.6
VUN 2.20 127 iPc 07 04.10 0.0
SVA 2.26 129 iPc 07 05.00 0.1
eS 07 41.20
DZM 11.00 239 iPc 09 09.10 1.5
STK 35.15 238 iPd 13 23.60 0.6
0.7s 9.90nm 4.8mb
WB2 40.19 259 iPd 14 04.20 -1.2
0.8s 4.20nm 4.2mb
WRA 40.20 259 P 14 04.20 -1.3
1.0s 0.70nm 3.3mb X
ASPA 40.58 253 iPd 14 07.70 -1.0
0.8s 13.00nm 4.7mb
LZH 86.41 309 eP 19 16.70 5.4X
1.4s 16.00nm 5.0mb

GRF 145.02 343 ePKP 26 08.00 1.9
S.D. = 1.3 on 9 of 10 obs.

% DEC 28, 1992 01h 23m 46.69±0.67s
39.289 N ±5.9km 28.762 E ±5.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.2 (ISK).

DST 0.33 342 iPg 23 53.70 0.1
KCT 1.01 342 iPn 24 07.20 1.4
ALT 1.07 102 ePg 24 07.00 0.0
eSg 24 21.50
BNT 1.25 329 ePn 24 09.00 -0.9
EDC 1.26 327 iPn 24 10.00 -0.1
YLV 1.36 20 iPn 24 11.70 0.0
IZM 1.47 233 ePn 24 13.50 0.2
GPA 1.56 50 ePn 24 14.30 -0.2
CTT 1.87 352 ePn 24 18.70 -0.3
EZN 1.96 287 ePn 24 20.10 -0.2
DMK 2.64 343 ePn 24 30.00 -0.1
S.D. = 0.6 on 11 of 11 obs.

DEC 28, 1992 02h 08m 21.42±0.26s
47.241 N ±2.4km 9.188 E ±2.7km
DEPTH = 5.0km (geophysicist)

GERMANY (543)

ML 3.7 (VIE), 3.4 (LDG), 3.3 (GRF).

LLS 0.39 199 iPc 08 28.20 -1.2
ZLA 0.59 294 iPd 08 34.30 1.0
SLE 0.71 318 iPd 08 36.70 1.2
VDL 0.78 166 iPd 08 35.30 -1.9
OSS 0.86 130 iPd 08 36.90 -1.6
FEL 1.02 309 ePg 08 42.25 1.0
TMA 1.16 191 iPd 08 42.40 -1.2
BBS 1.16 282 Pg 08 44.19 0.5
Sg 09 00.52
CHAF 1.25 298 Pg 08 46.91 1.8
Sg 09 03.84
OGA 1.31 106 ePn 08 46.80 0.5
SQA 1.38 90 iPg 08 47.90 0.5
i 08 48.90
iSg 09 07.10
LIBD 1.41 311 Pn 08 47.51 -0.2
Sg 09 08.43
VAI 1.40 192 P 08 47.10 -0.6
eSn 09 09.00
MMK 1.46 216 eP 08 47.50 -1.2
MOF 1.52 294 Pn 08 48.87 -0.5
Sg 09 11.15
LOMF 1.61 275 Pn 08 50.49 -0.2
Sg 09 14.22
WTTA 1.67 88 iPg 08 53.10 1.5
i 08 53.70
iSg 09 14.30
iSg 09 16.50
ECH 1.68 306 Pn 08 51.68 0.0
DIX 1.69 227 iPc 08 52.20 0.3
FUR 1.69 56 ePn 08 52.00 0.3
WLS 1.70 314 Pn 08 52.61 0.6
Sg 09 18.06
BSF 1.73 291 Pn 08 51.42 -1.0
CDF 1.74 313 Pn 08 52.61 0.0
Sg 09 18.56
ORX 1.81 208 P 09 00.13 6.5X
S 09 16.60
ORO 1.82 208 P 08 52.30 -1.4
SAL 1.88 150 P 08 56.20 1.8
eSn 09 24.50
HOFF 1.89 335 Pn 08 58.32 3.7X
SRBF 1.90 332 Pn 08 55.41 0.7
EMS 1.95 234 iP 08 57.60 2.0
LANF 1.97 332 Pn 08 55.92 0.1
HAU 2.07 293 Pn 08 57.00 -0.2
Pg 09 01.40
Sg 09 26.70
LSD 2.27 219 P 09 02.32 1.9
S 09 27.86
RSL 2.36 230 Pn 09 00.58 -1.0
LPL 2.42 225 Pn 09 02.10 -0.4
Pg 09 07.60
Sg 09 38.70
LPG 2.43 225 Pn 09 02.80 0.1
Pg 09 07.50
Sg 09 39.70

BOB	2.48	176	P	09 04.40	1.2		e	11 34.70	S	15 21.83	
RSP	2.48	213	P	09 05.80	2.5X	FLN	6.67 287 Pn	10 00.40 -2.0X	COLF	1.29 255 Pg	15 06.22 -0.3
FVI	2.55	103	P	09 06.80	2.8X		Sg	11 50.10		Sg	15 22.75
PCP	2.74	190	P	09 09.65	2.8X		S.D. = 1.0 on 61 of 80 obs.		PLDF	1.29 275 Pg	15 06.53 0.0
			S	09 37.66						Sg	15 24.22
BHB	2.75	210	P	09 07.17	0.2		DEC 28, 1992 02h 17m 12.09±0.54s		RRL	1.33 135 P	15 07.46 0.2
BNI	2.80	219	P	09 07.70	-0.1		28.002 S ± 5.1km 66.716 W ±10.0km			S	15 23.92
GRF	2.80	28	ePn	09 07.10	-0.6		DEPTH = 186.7 ± 8.8 km		SMF	1.36 305 Pn	15 08.70 1.1
			ePg	09 16.00			CATAMARCA PROVINCE, ARGENTINA (130)			Pg	15 11.10
			eSn	09 40.00						Sg	15 28.50
KBA	2.84	92	iPnc	09 52.20		CYA	0.93 119 iP	17 40.00 -0.3	DIX	1.38 81 iPc	15 09.60 1.6
			iPg	09 08.60 0.1		FSA	2.01 18 ePd	17 50.00 -0.1	RSP	1.45 119 P	15 09.88 0.9
			i	09 14.60			S	18 17.00		S	15 27.85
			iSg	09 50.00		RTPR	2.30 176 iPc	17 53.50 0.3	LBF	1.51 318 Pn	15 11.00 1.3
ABH	2.86	338	ePg	09 52.40			eS	18 23.20		Pg	15 13.80
RRL	2.86	217	P	09 08.63 0.1		SLA	3.44 19 ePc	18 07.20 0.1	BHB	1.64 128 P	15 34.50
CKI	2.89	193	P	09 13.03 4.2X		RTLL	3.65 204 iPd	18 09.30 -0.3		S	15 12.22 0.8
TNS	3.02	351	ePnc	09 10.20 1.3		TCA	3.80 151 i(P)	18 52.50 0.3	LBL	1.68 248 Pg	15 31.10
			eSn	09 22.20 11.3X			S	18 11.90 0.3		Sg	15 13.75 1.6
			S	10 00.00		CFA	3.83 200 ePd	18 56.00 -0.1	SURF	1.69 145 Pn	15 34.50
ROB	3.09	198	P	09 13.03 1.2			S	18 11.80 0.0	PYM	1.72 267 Pg	15 12.69 0.3
PZZ	3.10	209	P	09 13.58 1.5		RTCB	3.92 207 iPc	18 56.00 0.2		Sg	15 14.70 1.9
			S	09 45.53		RTCV	4.16 202 iP	18 13.20 0.0	AVF	1.73 303 Pn	15 35.84
FIN	3.11	193	P	09 12.67 0.6			(S)	18 16.00 0.0		Pg	15 13.80 1.1
WET	3.12	51	iPnc	09 11.00 -1.2		MRA	4.48 169 ePc	19 03.50 0.0		Sg	15 16.80
WLF	3.16	321	iP	09 13.00 0.4		MDZ	5.20 200 eP	18 20.10 0.0	LOMF	1.75 32 Pn	15 39.10
ENR	3.26	203	P	09 13.86 -0.4		SIV	13.04 25 Pd	18 50.90 21.3X		Sg	15 13.66 0.4
BDI	3.33	162	P	09 16.70 1.4		VAO	18.50 79 eP	20 11.90 0.2		Sg	15 40.18
GEC2	3.43	60	Pn	09 15.70 -1.0			S.D. = 0.3 on 12 of 13 obs.		MMK	1.76 83 ePd	15 16.50 3.1X
			Pg	09 24.80			DEC 28, 1992 02h 50m 09.65±0.87s		LOR	1.78 322 Pn	15 18.60 1.2
			Sn	09 55.70			38.826 N ± 7.3km 142.839 E ±11.0km			Pg	15 42.00
IMI	3.45	196	P	10 12.30			DEPTH = 10.0km (geophysicist)		ORO	1.78 97 P	15 15.40 1.7
KHC	3.49	56	iPn	09 17.52 0.5			4.2mb (2 obs.)			eSg	15 38.90
			Pg	09 32.00			NEAR EAST COAST OF HONSHU, JAPAN(228)		ORX	1.78 97 P	15 15.90 2.2
			eSn	09 56.00		OFUJ	0.95 286 iPd	50 26.40 -1.3	PZZ	1.79 139 P	15 36.78 0.6
			eSg	10 17.40		AOMJ	2.57 313 eP	50 52.80 0.8	SSF	1.80 312 Pn	15 14.90 1.1
TRI	3.51	114	e(P)	10 00.90 43.1X			eS	51 20.10		Sg	15 18.30
			e	10 15.10		KAKJ	3.37 220 P	51 03.40 0.1	DOI	1.86 137 P	15 42.80
HOF	3.55	29	ePn	09 31.90 13.6X			S	51 42.20	BGF	1.94 292 Pn	15 15.60 0.8
LBF	3.57	268	Pn	09 17.90 -0.7		NIJ	3.42 244 P	51 04.00 0.0		Pg	15 16.80 0.9
			Pg	09 28.90		HOJ	3.57 5 eP	51 06.60 0.5		Sg	15 21.10
			Sg	10 12.40			eS	51 45.40	MAF	2.05 281 Pn	15 45.80
SBF	3.60	201	Pn	09 19.30 0.3		MRRJ	3.84 340 eP	51 10.50 0.5		Pg	15 17.60 0.2
			Sn	09 59.60			eS	51 53.90		Sg	15 23.40
LOR	3.63	272	Pn	09 19.10 -0.4		CHJJ	4.13 229 P	51 14.10 0.0	STV	2.10 140 P	15 48.30
			Pg	09 29.60		MAT	4.32 240 eP	51 17.00 0.1	BBS	2.13 41 Pg	15 18.41 0.2
			Sg	10 14.30			eS	52 05.00	ENR	2.15 139 P	15 24.52 5.9X
SMF	3.71	263	Pn	09 19.30 -1.3		KUSJ	4.50 18 eP	51 18.80 -0.5	ENR	2.15 139 P	15 18.91 -0.1
			Pg	09 31.10			eS	52 07.80	BSF	2.16 24 Pn	15 18.70 -0.5
MOX	3.76	24	ePg	10 17.70		MTMJ	4.58 242 P	51 21.90 1.3	CDR	2.21 174 ePn	15 17.80 -2.0
			iSg	09 35.30 13.9X		IIDJ	5.16 231 P	51 31.00 2.2		e(Pg)	15 24.30
SSF	3.88	269	Pn	09 22.40 -0.6		ASAJ	5.29 358 eP	51 31.90 1.3		eSn	15 41.50
			Pg	09 35.10		TSRJ	6.38 241 P	51 47.80 1.8		i	15 42.70
AVF	4.02	266	Pn	10 22.50		SSE	19.32 253 eP	54 35.60 -2.1	HAU	2.22 16 Pn	15 50.10
			Sg	10 26.90		GUN	48.11 275 P	58 49.96 -2.1		Pg	15 19.90 0.0
FRF	4.09	207	Pn	09 26.60 0.6		KKN	48.64 275 P	58 56.28 0.3		Sg	15 25.90
			Sn	10 11.20		GKN	49.04 276 P	58 57.66 -1.3	MOF	2.29 29 Pn	15 54.80
DOU	4.17	315	P	09 27.60 0.5		WB2	59.00 189 iPc	00 10.60 -1.2		Sg	15 20.25 -0.7
LRG	4.28	209	Pg	09 42.40 13.8X			0.6s 4.60nm	4.8mb	TCF	2.30 282 Pn	15 57.93
LMR	4.34	207	Pn	09 28.90 -0.6		YKA	61.70 31 eP	00 37.40 7.6X		Pg	15 21.50 0.4
			Sn	10 17.10			0.7s 0.40nm	3.7mb		Sg	15 28.20
BGF	4.40	263	Pn	09 28.20 -2.2X		GBA	62.48 265 P	00 35.00 -0.7	VAI	2.31 89 P	15 55.40
			Pg	09 43.60		ZOBO	144.81 59 ePKP	09 50.00 0.4	ROB	2.32 132 P	15 25.80 4.6X
			Sn	10 16.10		LPB	145.01 59 ePKP	09 58.00 8.4X	HYF	2.40 307 Pn	15 22.08 0.6
			Sg	10 39.10		CNCB	145.28 59 ePKP	09 53.00 2.7X		Pg	15 23.00 0.6
PRU	4.49	50	eP	09 36.00 4.4X		SIV	149.06 49 ePKP	10 13.00 17.3X		Sg	15 29.80
			ePg	09 47.50			S.D. = 1.3 on 20 of 24 obs.		SBF	2.45 144 Pn	16 01.30
			eSg	10 46.50			DEC 28, 1992 03h 14m 42.73±0.21s			Pg	15 23.20 0.0
SNF	4.60	317	iPc	09 30.90 -2.3			45.872 N ± 2.7km 5.461 E ± 2.1km			Sg	15 28.00
MAF	4.67	260	Pn	09 32.70 -1.5			DEPTH = 11.6 ± 1.7 km		CKI	2.46 125 P	15 58.50
			Pg	09 48.50		FRANCE	ML 3.8 (LDG).		LRG	2.50 165 Pn	15 23.80 0.4
			Sg	10 46.30			(538)			Pg	15 25.00 -0.9
BRG	4.80	39	(Pg)	09 53.00 17.0X					PCP	2.55 120 P	15 29.30
			eSg	10 57.00		SSB	0.88 228 Pg	14 59.60 0.1		P	15 25.17 0.5
TCF	4.89	261	Pn	09 34.80 -2.6X			Sg	15 10.49	FIN	2.56 130 P	15 24.92 0.1
			Sn	10 27.00		LPL	0.96 111 Pg	15 01.10 0.1	CAF	2.57 250 Pn	15 24.40 -0.6
			Sg	10 53.70			Sg	15 13.50		Pg	15 31.80
VKA	4.92	75	e(Pn)	09 35.00 -2.7X		LPG	0.98 112 Pg	15 01.50 0.1		Sg	16 04.30
			ePg	09 53.00			Sg	15 13.20	ZLA	2.58 50 eP	15 33.00 7.9X
			eSn	10 31.00			Sg	15 03.40 1.0	IMI	2.61 138 P	15 26.76 1.2
			eSg	10 57.50		EMS	1.04 79 iPd	15 04.40 -0.4	ECH	2.62 26 Pn	15 24.68 -0.9
VRAC	5.36	65	Pn	10 00.70 16.7X		BNI	1.18 133 Pd	15 04.40 -0.4	LLS	2.64 67 eP	15 33.70 7.6X
KSP	5.90	50	eP	10 13.00 21.4X		LSD	1.26 109 P	15 06.04 -0.1	LMR	2.65 163 Pn	15 24.70 -1.3
			eS	11 16.00						Sn	15 54.10

28d 03h

FEL 2.66 40 ePn 15 24.81 -1.5
LSF 2.76 279 Pg 15 36.50 8.8X
Sg 16 12.00
SLE 2.82 47 eP 15 36.80 8.4X
CDF 2.83 25 Pn 15 27.57 -1.1
RJF 2.83 260 Pn 15 27.80 -0.8
Pg 15 37.30
Sg 16 11.20

WLS 2.85 26 Pn 15 27.75 -1.2
VDL 2.85 76 eP 15 37.00 7.9X
LPO 3.24 250 Pn 15 34.30 -0.1
Pg 15 44.50
Sg 16 26.10

LFF 3.45 256 Pg 15 47.70 10.3X
Sg 16 33.50
MFF 3.96 283 Pn 15 44.50 -0.1
Pg 15 58.40
Sg 16 49.50

DOU 4.27 352 P 16 09.60 20.6X
EPF 4.64 234 Pg 16 09.50 15.2X
Sg 17 07.60

LDF 4.68 308 Pn 15 55.00 0.2
Pg 16 11.40
Sg 17 13.10

LPF 4.95 298 Pn 15 58.50 -0.1
FLN 4.97 308 Pn 15 58.70 -0.2
Sg 17 21.20

GRR 4.99 303 Pn 15 59.00 -0.2
GRF 5.45 43 ePg 16 26.50 20.8X
eSg 17 37.40

KHC 6.39 56 ePn 17 18.50 59.4X
e 17 27.00
e 17 52.00
eSg 18 05.40

S.D. = 0.9 on 55 of 68 obs.

* DEC 28, 1992 03h 16m 38.90 ± 0.60s
9.055 S ± 8.5km 123.028 E ± 10.3km
DEPTH = 33.0km (normol)
4.5mb (2 obs.)
TIMOR REGION, INDONESIA (289)

MTN 8.80 116 eP 18 47.00 0.1
0.3s 53.00nm 6.2mb X
eS 20 18.00

MBL 12.42 194 eP 19 18.00 -18.3X
0.3s 6.00nm
e 19 19.50
eS 21 25.00

NANU 15.24 207 eP 20 12.70 -0.6
0.3s 3.00nm 4.1mb
eS 22 51.00

WB2 15.40 136 eP 20 11.50 -4.0X
eS 22 49.80

ASPA 17.87 146 iPd 20 46.40 -0.4
eS 23 50.50

MEEK 17.98 193 eP 20 49.00 0.9
eS 23 52.00

GUN 51.40 317 P 25 43.60 0.2
0.5s 7.00nm 4.9mb

PKI 51.50 316 P 25 44.40 0.3
KKN 51.73 316 P 25 45.20 -0.5
GKN 52.30 316 P 25 50.00 0.0

S.D. = 0.6 on 8 of 10 obs.

* DEC 28, 1992 04h 06m 09.87 ± 3.18s
7.461 N ± 10.5km 76.467 W ± 23.3km
DEPTH = 51.1 ± 27.9 km
3.7mb (1 obs.)
NORTHERN COLOMBIA (99)

BMG 3.39 96 eP 07 01.00 -0.7
BOG 3.69 140 eP 07 06.50 0.3
iS 07 53.00

SDV 5.95 76 ePn 07 41.50 3.7X
eSn 08 53.00

TOV 6.99 70 eP 07 55.50 3.2X
iS 09 16.80

Olla 9.88 74 eP 08 32.10 -0.2
LLAV 10.00 72 eP 08 34.40 0.5
GUAN 10.98 76 eP 08 47.30 0.1
ZOB0 25.00 161 P 11 31.40 0.1
LPB 25.24 161 eP 11 39.00 5.7X
CNCB 25.53 161 P 11 36.00 -0.2
YKA 61.55 341 eP 16 23.80 -0.1
0.6s 0.40nm 3.7mb
S.D. = 0.5 on 8 of 11 obs.

? DEC 28, 1992 04h 19m 51.47 ± 1.72s
39.486 N ± 15.5km 28.743 E ± 14.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST 0.15 323 iPg 19 54.80 -0.2
eSg 19 59.60

KCT 0.82 339 iPn 20 07.50 0.2
ALT 1.15 112 ePn 20 13.00 0.0
YLV 1.18 24 ePn 20 13.50 -0.1
S.D. = 0.3 on 4 of 4 obs.

& DEC 28, 1992 04h 21m 34.08s
58.174 N 151.365 W
DEPTH = 2.2km
KODIAK ISLAND REGION (13)
<AEIC>. ML 2.7 (AEIC).

SYI 0.70 309 eP 21 47.95 0.0
S 21 58.39

KDC 0.74 235 eP 21 48.73 -0.1
eS 21 59.26

CNPM 1.36 3 eP 21 57.95 -2.0
S 22 17.06

CDD 1.41 303 eP 21 58.61 -2.2
S 22 18.41

AUI 1.58 318 eP 22 00.99 -2.2
S 22 22.38

AUH 1.61 319 eP 22 02.85 -0.8
AUL 1.62 319 eP 22 01.98 -1.8
MCNL 1.85 304 eP 22 04.70 -2.4

ILIM 2.08 337 eP 22 07.74 -2.7
INE 2.09 336 eP 22 07.68 -2.9
INW 2.11 335 eP 22 07.95 -2.9

SEW 2.17 26 eP 22 08.27 -3.4
RS1 2.40 343 eP 22 12.69 -2.6
RSO 2.40 343 eP 22 11.86 -3.4

RS2 2.40 343 eP 22 12.58 -2.7
SLKM 2.41 14 eP 22 12.05 -3.2
REF 2.42 344 P 22 10.62 -4.9

RDW 2.43 343 eP 22 12.43 -3.2
DFR 2.52 345 P 22 13.42 -3.3
NCT 2.53 342 eP 22 13.51 -3.4

MPA 2.54 23 eP 22 13.89 -3.1
SPU 3.04 354 eP 22 20.64 -3.5
CKL 3.07 351 eP 22 21.16 -3.5

CRP 3.13 353 eP 22 21.48 -4.0
CP2 3.13 352 eP 22 21.84 -3.7
BGL 3.14 351 eP 22 21.82 -3.8

CGLM 3.16 354 eP 22 22.55 -3.3
PMR 3.61 17 (P) 22 35.33 3.2
SVW 3.65 326 (P) 22 28.39 -4.4
29 obs. associated

DEC 28, 1992 04h 24m 35.93 ± 0.18s
8.264 S ± 3.5km 122.424 E ± 5.1km
DEPTH = 26.8km (11 depth phases)
5.4mb (62 obs.)
FLORES REGION, INDONESIA (286)

MKS 4.21 316 iPd 25 42.00 2.0
iS 26 32.00

AAI 7.32 52 eP 27 02.50 38.6X
e(S) 27 15.70

MTN 9.69 119 iPe 26 55.90 -0.9
eS 28 41.00

MBL 13.06 191 eP 27 22.40 -20.1X
0.4s 41.00nm
eS 29 41.00

TSM 13.27 340 eP 27 47.00 1.7
KKM 15.50 336 ePc 28 21.00 6.4X
DAV 15.57 12 eP 28 22.10 6.7X

NANU 15.69 204 eP 28 14.00 -2.8X
0.6s 103.00nm 5.2mb
eS 31 03.00

WRA 16.37 136 P 28 21.79 -3.8X
0.8s 7.70nm 3.9mb X
WB2 16.38 136 iPd 28 21.00 -4.7X
0.6s 50.80nm 4.8mb
iS 31 15.80

MEEK 18.63 191 eP 28 53.50 -0.3
0.5s 54.00nm 5.0mb
eS 32 11.00

ASPA 18.86 146 iPe 28 55.80 -0.8
iS 32 18.10

PLP 19.47 8 ePc 29 05.50 1.7
OIS 20.62 128 iPd 29 16.00 0.0
KGM 21.62 297 eP 29 27.70 1.6
MRWA 21.70 195 eP 29 26.00 -0.9
0.6s 49.00nm 5.1mb
eS 33 20.00

COOL 22.54 183 eP 29 34.30 -0.9
0.5s 36.00nm 5.1mb

OVP 22.78 356 eP 29 50.00 12.3X
QCP 22.79 357 eP 29 39.50 1.7
BAL 22.86 193 iPe 29 38.20 -0.2
0.6s 136.00nm 5.6mb

FORT 23.01 168 eP 29 40.00 0.2
e 29 47.00 25km
KLB 23.61 190 eP 29 45.40 -0.3
0.6s 33.00nm 5.0mb

MUN 24.29 193 eP 29 52.30 0.0
1.0s 120.00nm 5.4mb
PMG 24.47 95 eP 29 54.50 0.4
0.8s 82.09nm 5.4mb

BAG 24.58 356 eP 29 56.10 0.7
eS 34 21.00

IPM 24.87 300 ePd 29 58.40 0.4
0.9s 72.90nm 5.3mb

CVP 25.81 359 eP 30 07.60 0.9
CTA 25.88 120 iPd 30 08.50 1.0
1.0s 27.50nm 4.8mb

SNG 26.61 305 eP 30 15.50 1.3
1.2s 134.38nm 5.4mb
eS 35 17.20

RKG 26.65 190 iPe 30 15.10 0.7
STK 29.50 145 iPe 30 40.20 0.0
0.6s 20.30nm 5.1mb
eS 36 09.90

OIZ 29.82 336 P 30 43.50 0.3
NNT 30.62 312 eP 30 51.70 1.4
GUA 31.11 46 eP 30 54.10 -0.5
0.9s 215.13nm 6.0mb
e 31 02.60 30km

PJG 31.11 46 eP 30 54.20 -0.4
CMS 31.77 140 iPe 31 00.50 0.2
0.7s 14.00nm 5.0mb

NST 32.45 317 eP 31 14.00 7.6X
LOE 32.69 321 eP 31 10.10 1.6
KHT 32.91 314 iPe 31 11.70 1.4

BFD 34.08 151 eP 31 21.00 0.6
1.1s 49.00nm 5.3mb

BDT 34.33 318 eP 31 22.50 -0.1
0.8s 93.40nm 5.8mb

BRS 34.44 127 iPe 31 23.00 -0.6
0.5s 10.00nm 5.0mb

ARMA 35.09 133 eP 31 31.60 2.3
0.8s 10.00nm 4.8mb

BWA 35.34 141 eP 31 33.90 2.7X
e 31 38.90 17km
e 31 41.30

CHG 35.50 319 ePc 31 33.70 1.0
1.2s 82.03nm 5.5mb

TOO 35.88 148 iPe 31 37.90 2.2
0.7s 56.00nm 5.6mb

CAN 36.29 142 eP 31 42.00 2.8X
ePP 33 01.60
iPeP 34 03.60

CNB 36.51 141 iPe 31 43.10 2.0
0.9s 39.00nm 5.3mb

GYA 37.76 337 iPd 31 52.80 1.1
1.2s 27.00nm 5.0mb
Z 20s 0.63um 4.4MsZ
S 37 44.00

KMI 38.33 331 eP 31 58.00 1.3
2.0s 400.00nm 5.9mb
Z 28s 0.90um 4.4MsZ X

SSE 39.15 358 eP 31 55.00 -8.2X
S 38 08.00

WHN 39.36 349 P 32 06.50 1.6
1.2s 53.00nm 5.2mb
pP 32 17.00 37km

NJ2 40.23 355 P 32 13.50 1.4
0.8s 25.00nm 5.0mb
sP 32 24.00

TAU 40.85 152 eP 32 16.00 -1.0
CD2 42.87 336 eP 32 34.20 0.4
0.9s 41.00nm 5.2mb

XAN 43.98 344 P 32 42.50 -0.3
1.0s 29.00nm 5.1mb
pP 32 50.50 27km
sP 32 54.50

DZM	44.48	113	iPc	32	45.10	-2.0	1.1s	85.00nm	5.8mb	SIV	155.65	172	iPKPc	44	34.00	4.5X
TIA	44.52	354	eP	32	46.90	-0.2	66.90	324 ePc	35 27.50	-0.6					45 01.80	
	Z	18s	0.60um			4.6Msz	2.0s	40.00nm	5.2mb		S.D. = 1.1 on 126 of 153 obs.					
SHL	44.87	319	iP	39	24.50	0.1	68.37	23 eP	35 38.00	1.0	? DEC 28, 1992 05h 14m 32.09±1.88s					
	1.0s		147.50nm			5.8mb	1.0s	90.00nm	36 08.00	121kmX	10.744 N ±19.9km 61.618 W ± 8.4km					
			eS	39	28.00		68.53	338 iPc	35 37.00	-1.0	DEPTH = 10.0km (geophysicist)					
TIY	46.68	349	P	33	04.00	-0.3	2.0s	222.00nm	5.9mb		TRINIDAD (98)					
	Z	20s	0.50um			4.5Msz		eS	44 36.00		MD 2.8 (TRN).					
	E	14s	0.38um				68.92	333 iPc	35 40.70	0.2	TCE					
CHJJ	46.75	19	P	33	03.70	-1.1	1.9s	139.00nm	5.8mb		0.14 251 eP 14 35.36 0.0					
MTMJ	46.89	17	P	33	05.30	-0.7		e	35 47.00	20km						
MAT	46.97	17	eP	33	06.00	-0.6	70.30	4 iPc+	35 47.20	-1.4	TRN					
	1.2s		64.06nm			5.5mb	0.8s	261.00nm	6.4mb		0.23 114 eP 14 36.47 -0.6					
			eS	38	03.00		71.09	200 eP	35 55.00	1.5	TPP					
LZH	47.45	339	Pc	33	11.00	0.4	0.9s	33.30nm	5.4mb		0.45 159 eP 14 41.34 0.0					
	2.0s		81.00nm			5.4mb	71.78	15 ePc	35 58.00	0.3	TBH					
	Z	24s	0.58um			4.5MszX	1.0s	130.00nm	5.9mb		0.60 115 eP 14 44.82 0.6					
	N	12s	0.27um					i	36 07.00	29km	S.D. = 0.8 on 4 of 4 obs.					
			pP	33	19.00	27km		e	36 14.00		DEC 28, 1992 05h 23m 25.62±0.21s					
			sP	33	22.00			eS	45 20.00		23.922 N ± 2.9km 121.738 E ± 3.8km					
			PcP	34	39.00			e	46 00.00		DEPTH = 34.5km (4 depth phases)					
LSA	48.27	323	iPc	33	18.20	0.8	73.76	311 iPc	36 08.60	-1.3	5.0mb (53 obs.) 4.8Msz (2 obs.)					
	1.0s		86.00nm			5.7mb	75.25	313 eP	36 17.00	-1.4	TAIWAN (244)					
			S	40	18.20		1.1s	35.00nm	5.3mb		Felt (IV JMA) at Huo-lien, (III JMA) at Su-ao and (II JMA) at I-lan. Landslides reported along a highway in the epicentral area.					
KOD	48.38	292	eP	33	16.20	-2.1	81.04	348 iPc	36 48.20	-1.3	TWD					
BJI	48.41	354	eP	33	17.50	-0.2	1.5s	62.00nm	5.4mb		0.20 320 iPd 23 31.30 -1.1					
	1.5s		86.00nm			5.6mb	81.79	180 iPc	36 54.50	0.7	0.20 320 iPd 23 31.30 -1.1					
	Z	20s	0.30um			4.3Msz	0.7s	16.02nm	5.2mb		0.20 320 iPd 23 31.30 -1.1					
			ePcP	34	43.50		82.87	330 eP	36 57.00	-2.3	0.20 320 iPd 23 31.30 -1.1					
GBA	49.67	296	P	33	24.00	-3.8X	88.89	198 eP	37 30.00	1.2	0.20 320 iPd 23 31.30 -1.1					
SNY	49.86	1	eP	33	27.40	-1.4		e	37 39.00	28km	0.20 320 iPd 23 31.30 -1.1					
			pP	33	35.00	25km		e	38 19.00		0.20 320 iPd 23 31.30 -1.1					
HHC	49.88	349	P	33	29.30	0.1	90.16	244 iPc	37 35.50	-0.4	0.20 320 iPd 23 31.30 -1.1					
	1.0s		34.00nm			5.3mb	91.37	244 eP	37 41.10	-0.4	0.20 320 iPd 23 31.30 -1.1					
8TO	49.95	348	eP	33	29.00	-0.7	91.43	240 iPc	37 40.70	-1.0	0.20 320 iPd 23 31.30 -1.1					
HYB	50.30	301	eP	33	30.70	-2.0	0.7s	15.00nm	5.5mb		0.20 320 iPd 23 31.30 -1.1					
	1.2s		71.40nm			5.5mb	92.06	240 iPd	37 44.40	0.1	0.20 320 iPd 23 31.30 -1.1					
GUN	50.42	317	Pc	33	32.86	-0.9	0.8s	7.46nm	5.2mb		0.20 320 iPd 23 31.30 -1.1					
	0.7s		260.00nm			6.3mb	94.83	19 eP	37 56.58	0.4	0.20 320 iPd 23 31.30 -1.1					
PKI	50.52	316	Pc	33	33.12	-1.4	95.02	24 eP	37 57.28	0.0	0.20 320 iPd 23 31.30 -1.1					
	0.8s		138.00nm			6.0mb	1.3s	7.45nm	5.0mb		0.20 320 iPd 23 31.30 -1.1					
KKN	50.75	316	Pc	33	34.82	-1.3	108.49	319 PKP	43 19.70	15.7X	0.20 320 iPd 23 31.30 -1.1					
	0.9s		214.00nm			6.1mb	1.3s	1.54nm			0.20 320 iPd 23 31.30 -1.1					
DMN	50.75	316	Pc	33	35.02	-1.2		e	43 28.90		0.20 320 iPd 23 31.30 -1.1					
	1.0s		355.00nm			6.3mb	YKA	112.12	25 ePd	39 27.20	13.5X	0.20 320 iPd 23 31.30 -1.1				
GKN	51.32	316	Pc	33	39.12	-1.3	1.2s	0.60nm			0.20 320 iPd 23 31.30 -1.1					
	0.9s		241.00nm			6.2mb	YKA	112.12	25 ePKP	43 08.50	-1.7	0.20 320 iPd 23 31.30 -1.1				
GTA	51.86	338	P	33	45.00	0.7	0.8s	1.70nm			0.20 320 iPd 23 31.30 -1.1					
	1.5s		17.00nm			4.8mb	LCCM	120.39	41 ePKP	43 26.50	-0.3	0.20 320 iPd 23 31.30 -1.1				
	Z	24s	0.60um			4.5MszX	HVVU	121.15	46 ePKP	43 27.72	-0.7	0.20 320 iPd 23 31.30 -1.1				
CN2	51.89	3	eP	33	48.40	4.2X	DUG	121.61	48 ePKP	43 28.88	-0.4	0.20 320 iPd 23 31.30 -1.1				
	1.0s		58.00nm			5.5mb	SRU	123.62	48 ePKP	43 32.85	-0.5	0.20 320 iPd 23 31.30 -1.1				
	Z	24s	0.33um			4.3MszX	PV09	124.85	48 ePKP	43 36.03	0.2	0.20 320 iPd 23 31.30 -1.1				
			PcP	34	57.00		PV10	124.96	49 ePKP	43 35.65	-0.3	0.20 320 iPd 23 31.30 -1.1				
			eS	41	10.00		RSDD	126.16	40 ePKP	43 37.05	-1.1	0.20 320 iPd 23 31.30 -1.1				
			eSS	44	40.00		GLD	127.23	46 (PKP)	43 41.20	0.9	0.20 320 iPd 23 31.30 -1.1				
MDJ	53.03	6	eP	33	51.80	-1.0	KIC	127.59	272 PKP	43 40.20	-1.2	0.20 320 iPd 23 31.30 -1.1				
	0.9s		37.00nm			5.3mb	LIC	127.86	271 PKP	43 40.80	-1.1	0.20 320 iPd 23 31.30 -1.1				
MRRJ	53.25	17	eP	33	54.90	0.5	TIC	127.89	272 PKP	43 40.80	-1.2	0.20 320 iPd 23 31.30 -1.1				
POO	54.81	299	iPd	34	03.40	-3.0X	TUL	135.62	46 ePKP	43 57.60	1.5	0.20 320 iPd 23 31.30 -1.1				
KUSJ	55.00	20	eP	34	08.40	1.1		1.2s	17.20nm			0.20 320 iPd 23 31.30 -1.1				
ASAJ	55.26	18	eP	34	08.90	-0.2	LNO	135.62	46 ePKP	43 57.50	1.6	0.20 320 iPd 23 31.30 -1.1				
NDI	57.01	312	iPd	34	18.40	-3.6X	LNO2	135.62	46 ePKP	43 57.50	1.5	0.20 320 iPd 23 31.30 -1.1				
YSS	57.92	16	eP	34	26.00	-2.0	RLO	136.03	45 ePKP	43 57.00	0.1	0.20 320 iPd 23 31.30 -1.1				
	1.2s		40.00nm			5.3mb	FVM	138.12	40 ePKP	44 01.73	1.0	0.20 320 iPd 23 31.30 -1.1				
			e	34	35.50	31km	CYA	142.65	168 ePKP	44 06.00	-3.2X	0.20 320 iPd 23 31.30 -1.1				
CIT	60.50	354	eP	34	45.00	-0.9	NAV	144.23	33 ePKPd	44 08.87	-2.7X	0.20 320 iPd 23 31.30 -1.1				
WMQ	60.64	332	iPc	34	47.00	0.0	BLA	144.51	32 ePKP	44 09.90	-2.2	0.20 320 iPd 23 31.30 -1.1				
	1.0s		59.00nm			5.7mb	FSA	144.89	167 iPKPc	44 13.80	0.9	0.20 320 iPd 23 31.30 -1.1				
	Z	30s	0.58um			4.5MszX	CVL	144.91	29 ePKP	44 11.11	-1.5	0.20 320 iPd 23 31.30 -1.1				
			pP	34	59.00	42kmX	CBN	145.25	28 iPKPc	44 12.80	-0.4	0.20 320 iPd 23 31.30 -1.1				
			sP	35	04.30		PRM	145.63	38 iPKPc	44 13.78	-0.2	0.20 320 iPd 23 31.30 -1.1				
ZAK	60.73	346	iPc	34	47.00	-0.4	CEH	146.20	32 ePKP	44 14.28	-0.6	0.20 320 iPd 23 31.30 -1.1				
	1.2s		55.00nm			5.6mb	SLA	146.31	167 ePKPc	44 17.90	2.3	0.20 320 iPd 23 31.30 -1.1				
IRK	62.26	348	ePd	34	58.00	0.2	VAO	147.24	198 ePKP	44 20.30	3.3X	0.20 320 iPd 23 31.30 -1.1				
MOY	62.50	345	ePc	34	59.00	-0.2	HJA	147.79	166 ePKPc	44 20.80	3.0X	0.20 320 iPd 23 31.30 -1.1				
	1.2s		80.00nm			5.7mb	ARE	151.84	151 ePKP	44 33.00	8.5X	0.20 320 iPd 23 31.30 -1.1				
KSH	64.05	321	P	35	10.20	0.3	CNCB	153.05	158 PKP	44 28.10	1.5	0.20 320 iPd 23 31.30 -1.1				
	1.0s		100.00nm			5.9mb	LPB	153.25	157 PKP	44 28.20	1.5	0.20 320 iPd 23 31.30 -1.1				
			pP	35	22.00	40kmX	ZOBO	153.46	157 PKP	44 28.10	0.9	0.20 320 iPd 23 31.30 -1.1				
UER	64.39	341	eP	35	11.00	-0.7	BAO	154.43	202 PKPc	44 28.50	0.6	0.20 320 iPd 23 31.30 -1.1				
PRZ	64.51	325	eP	35	15.50	2.6X			e	44 36.00		0.20 320 iPd 23 31.30 -1.1				
QUE	65.53	308	eP	35	27.60	7.9X			e	44 43.50		0.20 320 iPd 23 31.30 -1.1				
AAA	65.83	325	eP	35	18.00	-3.3X			e	44 54.30		0.20 320 iPd 23 31.30 -1.1				
BOD	66.23	355	iPc	35	22.60	-0.8			e	45 17.00		0.20 320 iPd 23 31.30 -1.1				

TCE	0.14	251	eP	14	35.36	0.0										
			eS	14	37.78											
TRN	0.23	114	eP	14	36.47	-0.6										
			eS	14	40.30											
TPP	0.45	159	eP	14	41.34	0.0										
			eS	14	46.35											
TBH	0.60	115	eP	14	44.82	0.6										
			eS	14	54.34											
	S.D. = 0.8 on 4 of 4 obs.															
	DEC 28, 1992 05h 23m 25.62±0.21s															
	23.922 N ± 2.9km 121.738 E ± 3.8km															
	DEPTH = 34.5km (4 depth phases)															
	5.0mb (53 obs.) 4.8Msz (2 obs.)															
TAIWAN	(244)															
	Felt (IV JMA) at Huo-lien, (III JMA) at Su-ao and (II JMA) at I-lan. Landslides reported along a highway in the epicentral area.															
TWD	0.20	320	iPd	23	31.30	-1.1										
			eS	23	35.30											
TWC	0.69	8	iPd	23	39.80	0.9										
			eS	23	50.20											
TWF1	0.70	216	iPc	23	38.30	-0.7										
TWQ	0.90	293	ePc	23	42.90	1.0										
TWZ	1.18	353	ePc	23	47.50	1.6										

28d 05h

BJI	16.74	345	eP	27	22.50	3.5X	N	13s	0.95um		NUR	72.87	329	eP	34	52.00	-0.7			
	1.5s	57.00nm				4.5mb			e	29	58.10									
Z	14s	1.76um				6.4MszX			eS	34	48.00		MLR	77.20	314	eP	35	25.00	7.1X	
N	12s	0.98um							eP	29	50.20	-0.3	HFS	78.04	331	eP	35	21.20	-0.8	
		eS	30	26.00			PPI	31.88	224	eP					0.80nm		4.1mb			
KMI	17.33	278	Pd	27	27.00	0.2	MOY	31.97	335	eP			Z	16s	898.00um		8.2MszX			
	2.0s	250.00nm				5.0mb			24.00nm					LR	12	01.00				
N	10s	2.10um					GUN	32.42	285	Pc	29	54.98	-0.2	RES	78.84	9	eP	35	27.00	0.8
E	12s	5.10um						1.1s	130.00nm						4.00nm		4.4mb			
		pP	27	35.00			PKI	32.85	284	Pc	29	58.28	-0.5	NAO	78.96	332	P	35	25.70	-1.4
		PP	27	43.50			KKN	32.96	285	P	29	59.24	-0.4		0.8s	6.00nm		4.6mb		
CD2	17.40	298	eP	27	28.00	0.5	DMN	33.12	284	Pc	30	00.74	-0.3	OJC	79.20	320	eP	35	29.30	0.7
	Z	15s						1.1s	108.00nm						e		35	50.20		
		7.69um					GKN	33.52	285	Pc	30	03.84	-0.6	KSP	80.95	322	eP	35	38.20	0.2
SNY	17.92	4	eP	27	36.20	2.4	WMO	34.20	314	P	30	10.80	0.7		i		35	40.30		
	Z	13s						1.3s	18.00nm					YKA	83.01	23	eP	35	47.70	-0.8
N	10s	1.01um						Z	12s	2.14um					10.50nm		5.0mb			
		pP	27	43.30			BOD	34.33	353	eP	30	22.00	41km	KHC	83.30	321	eP	35	50.50	0.2
KKM	18.55	198	ePd	27	44.20	2.4		0.7s	7.00nm						e		36	01.00		
HHC	18.91	336	P	27	48.30	2.2	UER	34.82	330	eP	30	14.80	-0.3				36	18.00		
	1.2s	36.00nm				4.5mb	ELT	39.63	327	iPc	30	55.00	-0.5	GEC2	83.37	321	P	35	50.80	0.1
	Z	15s				5.2Msz		1.2s	34.00nm						3.51nm		4.5mb			
N	13s	1.79um					NDI	40.02	287	iPd	30	59.00	-0.1	GRF	84.36	322	eP	35	57.30	0.6
E	12s	0.49um					PRZ	40.21	308	eP	31	02.50	1.8		Z	20s	0.40um		4.8Msz	
MAT	18.96	45	eP	27	51.00	4.4X	HYB	40.80	269	eP	31	06.00	0.3	WLF	87.15	324	P	36	11.00	1.7
	0.8s	6.72nm				3.9mb X	KSH	41.45	303	P	31	11.20	0.3	DOU	87.73	325	P	36	13.10	1.0
Z	20s	0.71um				4.8MszX		Z	16s	2.51um			LPG	89.15	320	eP	36	19.00	-0.5	
		eS	31	18.00										0.6s	4.05nm		4.9mb			
BTO	19.33	332	eP	27	50.00	-0.9							LPL	89.16	320	eP	36	18.90	-0.5	
	N	11s					SEM	41.54	320	iPc	31	22.00	38km		0.6s	5.30nm		5.0mb		
E	11s	2.51um						1.1s	81.00nm				LOR	89.78	323	eP	36	21.00	-1.0	
		sP	27	59.00			FRU	43.01	308	eP	31	25.00	1.5		1.0s	6.20nm		4.8mb		
LZH	19.64	312	Pc	27	54.50	0.0							LBF	89.88	323	eP	36	21.50	-1.0	
	1.5s	65.00nm				4.7mb		2.0s	50.00nm					1.1s	14.90nm		5.2mb			
Z	15s	4.61um				4.7Msz		Z	18s	1.00um			SSF	90.10	323	eP	36	22.70	-0.7	
E	12s	2.50um						E	18s	1.20um				1.0s	6.80nm		4.9mb			
		pP	28	03.00		33km	GBA	43.03	264	P	31	25.10	1.2	SMF	90.16	322	eP	36	23.00	-0.7
		sP	28	09.00			POO	44.80	273	iPc	31	39.20	0.9		0.8s	8.35nm		5.1mb		
		PP	28	15.00			MBL	44.85	183	eP	31	19.70	-18.7X	AVF	90.34	323	eP	36	23.80	-0.8
		eS	31	29.00			WRA	45.30	163	P	31	41.20	-0.9		0.7s	4.65nm		4.9mb		
		sS	31	40.00				0.9s	2.30nm				MAF	91.12	323	eP	36	28.00	-0.2	
LOE	19.80	255	eP	27	56.60	0.4	WB2	45.30	163	eP	31	41.00	-1.1		1.0s	10.00nm		5.1mb		
TSM	19.87	191	eP	27	57.00	0.1		0.6s	14.80nm				TCF	91.27	323	eP	36	28.70	-0.2	
CN2	20.06	8	eP	27	59.50	0.8	BRVK	48.27	321	iPc	32	04.50	-0.6		1.2s	15.45nm		5.3mb		
	1.0s	17.00nm				4.3mb		1.0s	39.00nm				CAF	92.18	322	eP	36	33.20	0.1	
	Z	16s				4.5MszX								0.8s	4.85nm		5.0mb			
	N	12s					ASPA	48.76	165	iPd	32	08.80	-0.4	RJF	92.26	322	eP	36	33.60	0.2
E	12s	0.57um						1.1s	11.50nm					0.8s	9.40nm		5.3mb			
		esP	28	09.00			QUE	48.81	290	eP	32	11.30	1.4	TOV	144.65	20	ePKP	43	01.10	-0.1
		eS	31	40.00			NRI	49.70	345	iPd	32	13.50	-2.4	SDV	145.22	22	ePKP	43	01.70	-0.7
MDJ	21.62	15	eP	28	13.10	-1.5							ZOBO	168.02	52	PKP	43	32.10	1.2	
	1.2s	23.00nm				4.5mb	CTA	49.84	149	P	32	19.00	1.4	LPB	168.20	53	PKP	43	32.00	1.3
Z	15s	4.12um				5.0MszX	MAIO	54.41	298	iPc	32	52.80	0.9	CNCB	168.47	54	PKP	43	34.60	3.6X
N	14s	2.75um					SVE	54.55	324	ePc	32	52.20	-0.2		i		44	41.00		
E	14s	1.25um						0.9s	60.00nm				SIV	171.68	19	PKP	43	36.70	4.6X	
CHG	21.82	261	ePc	28	18.00	1.2		Z	16s	1.00um					S.D. = 1.0	on 111	of 123	obs.		
	1.0s	47.00nm				4.9mb		N	16s	0.30um										
		e	35	22.70				E	16s	0.60um										
NST	21.90	252	eP	28	25.20	7.6X	ARU	55.60	323	eP	32	59.00	-1.0		? DEC 28, 1992	05h	31m	25.00±3.35s		
BDT	22.20	257	eP	28	22.00	0.6		1.0s	50.00nm						34.00S ±65.8km	101.282	W ±22.6km			
KHT	23.62	252	eP	28	37.50	2.9X									DEPTH = 10.0km	(geophysicist)				
NNT	23.70	245	eP	28	38.00	2.7X	RMO	56.51	151	eP	33	07.30	0.4		5.2mb (6 obs.)					
GTA	24.13	315	P	28	40.50	1.0		1.0s	40.00nm					WEST CHILE RISE				(686)		
	1.2s	21.00nm				4.6mb	STK	58.65	160	eP	33	20.00	-1.8	CNCB	34.41	69	P	38	15.20	-0.1
Z	12s	4.20um				5.1MszX	BRW	64.84	21	eP	34	03.95	1.0	LPB	34.48	68	eP	38	16.00	0.2
E	12s	1.88um					TTA	65.48	30	eP	34	07.75	0.4	ZOBO	34.60	68	P	38	15.00	-2.0
		pP	28	48.00		27km		0.8s	8.73nm						LR	48	40.00			
SHL	27.14	280	iPc	29	08.00	0.1	SVW	65.83	32	eP	34	09.90	0.3							
	1.0s	50.00nm				5.1mb		0.7s	17.88nm					SIV	40.31	74	Pd	39	05.90	1.6
		eS	34	46.50			IMA	66.21	26	eP	34	12.79	0.8		66.57	351	eP	42	17.85	0.5
LSA	27.85	289	iPc	29	15.70	1.1		0.8s	7.48nm						1.3s	17.92nm		5.1mb		
	0.7s	6.00nm				4.4mb	BGL	67.37	31	eP	34	20.49	1.1	GLA	67.91	348	eP	42	26.04	0.2
Z	16s	3.67um				5.1MszX	CP2	67.44	31	(P)	34	20.86	0.9	UYO	68.12	6	iPc	42	27.50	0.5
N	13s	2.27um					CRP	67.48	31	eP	34	20.34	0.2	MEQ	68.48	2	iPd	42	29.80	0.5
YSS	28.51	31	(P)	29	18.10	-1.7	OBN	68.00	322	eP	34	22.00	-1.3	SIO	69.55	4	e(P)	42	36.00	0.2
	Z	17s				4.2MszX								TUL	69.74	5	eP	42	36.80	-0.2
N	17s	1.10um													1.2s	25.50nm		5.2mb		
		e	29	32.00			SLKM	68.54	32	eP	34	26.12	-0.5	LNO	69.74	5	eP	42	36.80	-0.1
ZAK	30.06	336	iPd	29	33.00	-0.7	FBA	68.81	27	eP	34	28.57	0.4	LNO2	69.74	5	eP	42	37.00	0.1
	1.0s	14.00nm				4.7mb		0.9s	15.27nm				LNO3	69.74	5	e(P)	42	37.00	0.0	
Z	14s	1.46um				4.8MszX	PMR	68.85	31	eP	34	28.44	0.0	RLO	70.05	5	eP	42	38.70	-0.2
E	14s	1.44um						0.7s	17.21nm				ACO	70.37	2	iPc	42	42.00	1.2	
IRK	31.28	339	eP	29	43.70	-0.8	KEV	69.41	338	eP	34	31.00	-0.8	GSC	70.46	347	ePd	42	41.40	-0.1
	1.1s	54.00nm				5.3mb	KLU	70.38	31	P	34	38.63	0.7	TPNV	71.96	347	eP	42	51.17	0.5
Z	13s	1.41um				4.8MszX	KAF	71.63	330	eP	34	45.70	0.3		0.8s	13.01nm		5.1mb		

28d 05h

MSU 72.86 351 eP 42 55.41 -0.6
 TNP 73.23 347 eP 42 58.14 -0.1
 1.0s 22.49nm 5.2mb
 SRU 73.25 353 ePd 42 57.74 -0.5
 BONR 73.32 346 eP 42 58.48 -0.3
 HMR 74.28 343 eP 43 04.96 1.0
 KVN 74.34 346 eP 43 04.63 0.0
 DUG 74.60 351 ePd 43 05.40 -0.6
 1.3s 17.41nm 4.9mb

HVU 76.15 351 eP 43 13.72 -1.1
 HHA1 77.59 352 eP 43 21.03 -1.8
 RSSD 77.79 358 eP 43 23.20 -0.7
 1.2s 29.93nm 5.3mb

LCCM 80.05 353 eP 43 35.60 -0.6
 ULM 84.02 3 eP 43 58.00 1.6
 AA1 120.21 241 e(PKP) 50 20.00 1.6X
 GEC2 130.52 52 PKP 50 27.80 -9.5X
 1.2s 1.63nm

OBN 144.07 41 iPKPc 50 53.80 -8.1X
 1.9s 168.00nm

BJI 149.65 292 ePKP 51 04.00 -7.4X
 1.5s 34.00nm
 Z 16s 0.58um 5.5MsZ
 S.D. = 0.8 on 31 of 35 obs.

* DEC 28, 1992 05h 48m 17.22±0.96s
 37.097 S ± 9.1km 177.179 E ± 12.4km
 DEPTH = 230.2 ± 8.4 km
 4.1mb (3 obs.)

OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 1.03 120 eP 48 48.80 -1.7
 KUZ 1.22 286 Pd 48 49.10 -2.7
 S 49 13.60

TAZ 1.25 205 eP 48 53.70 1.7
 PUZ 1.30 139 eP 48 50.90 -1.5
 S 49 16.70

WLZ 1.48 238 P 48 54.00 0.2
 S 49 23.30

NOZ 1.66 156 P 48 55.80 0.5
 WHH 1.86 197 P 48 57.70 0.5

MOH 2.03 181 P 48 59.70 1.0
 MAHZ 2.16 165 eP 49 01.30 1.4

MOZ 2.35 233 P 49 03.50 1.7
 NGZ 2.42 210 eP 49 04.20 1.4

CNZ 2.46 211 eP 49 04.70 1.6
 WAHZ 2.68 194 P 49 06.20 0.8

TEHZ 2.90 186 eP 49 08.60 0.8
 BSZ 3.22 213 eP 49 12.70 1.3

PGZ 3.59 191 eP 49 15.90 0.3
 MNG 3.76 200 eP 49 18.00 0.3

S 50 05.70

KIW 4.16 204 eP 49 22.60 0.1
 MTW 4.26 197 eP 49 23.30 -0.5

CAW 4.33 202 P 49 24.20 -0.4
 DIW 4.49 213 eP 49 26.30 -0.3

MRW 4.55 204 eP 49 26.60 -0.8
 MOW 4.57 199 eP 49 27.50 -0.1

WEL 4.58 203 eP 49 27.30 -0.4
 TCW 4.69 208 eP 49 28.20 -0.8

ORZ 5.20 223 eP 49 34.00 -1.4
 THZ 5.72 214 eP 49 41.90 -0.1

S 50 49.50

KHZ 6.01 207 P 49 45.30 -0.3
 S 50 54.40

DSZ 6.23 220 eP 49 47.80 -0.8
 LTZ 6.82 212 eP 49 54.40 -1.6

S 51 11.20

MOZ 7.45 206 eP 50 01.80 -2.2
 S 51 24.80

ODZ 9.34 210 eP 50 28.40 -0.1
 ASPA 39.33 277 iPc 55 26.90 1.2

0.6s 4.60nm 4.2mb

WB2 40.95 283 iPd 55 39.10 0.2
 0.4s 5.00nm 4.3mb

WRA 40.96 283 P 55 39.80 0.8
 0.5s 0.50nm 3.2mb

S.D. = 1.2 on 35 of 35 obs.

* DEC 28, 1992 06h 32m 33.48±1.15s
 1.234 S ± 7.6km 78.593 W ± 19.8km
 DEPTH = 10.0km (geophysicist)
 4.0mb (1 obs.)

ECUADOR (107)

PSO 2.72 28 eP 33 17.00 -1.4
 BOG 7.37 38 eP 34 25.50 1.4

IS 36 15.00
 SDV 12.81 38 eP 35 38.60 0.0

TOV 14.02 38 eP 35 50.00 -4.6X
 ZOBO 18.17 146 P 36 48.00 -0.3

e 40 19.00
 LPB 18.38 146 P 36 51.00 0.3

CNCB 18.67 147 P 36 54.00 -0.4
 SIV 22.66 131 iP 37 40.70 4.3X

YKA 69.11 343 eP 43 41.00 -0.6
 0.9s 1.00nm 4.0mb

LZH 145.25 357 ePKP 52 15.00 1.2
 1.5s 27.00nm

S.D. = 1.1 on 8 of 10 obs.

? DEC 28, 1992 07h 58m 12.91±2.43s
 40.440 N ± 22.7km 23.559 E ± 20.2km

DEPTH = 10.0km (geophysicist)

GREECE (364)

OUR 0.34 108 ePg 58 19.92 0.0
 eSg 58 25.00

SOH 0.41 338 ePg 58 21.24 -0.1
 eSg 58 26.68

SRS 0.68 2 ePg 58 26.40 0.1
 eSg 58 35.04

KNT 0.88 325 ePg 58 29.84 0.1
 eSg 58 42.60

S.D. = 0.1 on 4 of 4 obs.

DEC 28, 1992 08h 16m 04.77±0.53s
 44.678 N ± 3.9km 110.994 W ± 4.9km

DEPTH = 5.0km (geophysicist)

YELLOWSTONE REGION, WYOMING (459)

ML 2.7 (GS), 3.2 (BUT).

TPMT 0.48 276 iPd 16 14.60 0.1
 LTMT 0.81 260 eP 16 21.50 0.3

MEMT 0.93 1 ePd 16 22.20 -0.9
 BGMT 0.93 307 ePd 16 22.40 -0.7

LCCM 1.32 332 ePnd 16 29.50 -0.2
 MCMT 1.33 277 ePnc 16 29.80 -0.2

LRM 1.54 319 ePn 16 33.70 0.5
 HBMT 1.60 315 ePn 16 34.60 0.6

HHA1 1.71 216 eP 16 35.27 -0.2
 BUT 1.73 321 ePn 16 36.40 0.5

PTI 2.06 209 eP 16 41.00 0.3
 HRY 2.12 344 ePnd 16 41.50 0.1

HVU 3.18 205 eP 16 55.73 -0.8
 RSSD 5.02 94 e(P) 17 23.11 0.4

S.D. = 0.5 on 14 of 14 obs.

DEC 28, 1992 08h 19m 26.56±1.23s
 38.732 N ± 7.6km 142.664 E ± 8.7km

DEPTH = 13.5 ± 6.7 km
 4.4mb (9 obs.)

NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ 0.85 294 iPd 19 42.30 -0.3
 YAMJ 2.14 256 P 20 02.30 0.0

S 20 29.10
 AOMJ 2.54 317 P 20 08.60 0.6

S 20 38.20
 KAKJ 3.21 219 P 20 17.70 0.2

NIJ 3.25 244 P 20 19.20 1.0
 S 21 03.50

HOJ 3.68 7 eP 20 23.70 -0.5
 S 21 03.60

MRRJ 3.88 342 eP 20 27.80 0.7
 S 21 11.90

CHJJ 3.96 229 P 20 30.30 2.0
 MAT 4.16 240 eP 20 33.00 2.0

S 21 22.00
 MTMJ 4.41 242 P 20 38.10 3.4X

KUSJ 4.63 19 eP 20 35.70 -2.0
 S 21 25.80

IIDJ 5.00 231 P 20 45.70 2.7X
 ASAJ 5.38 360 eP 20 49.10 0.8

TSRJ 6.22 241 P 21 02.90 2.8X
 MDJ 11.40 305 eP 22 14.00 2.0

SSE 19.16 253 Pd 23 50.70 -1.4
 1.0s 11.00nm 4.1mb

Z 20s 0.40um 3.4MsZ

XAN 27.47 271 P 25 12.10 -2.1
 GYA 32.50 259 iPd 25 57.20 -1.9

0.8s 9.40nm 4.8mb

IMA 44.73 31 (P) 26 11.80
 0.7s 1.74nm 4.1mb

GUN 47.99 275 P 28 06.68 -0.7
 KKN 48.51 275 P 28 10.60 -0.7

PKI 48.51 275 P 28 10.36 -1.1
 DMN 48.73 275 P 28 10.44 -2.6X

GKN 48.91 276 P 28 13.60 -0.7
 WB2 58.88 189 iPd 29 26.30 -1.0

0.8s 13.00nm 5.1mb
 WRA 58.88 189 P 29 26.50 -0.8

0.7s 4.40nm 4.7mb
 YKA 61.85 31 eP 29 52.00 4.8X

0.8s 0.80nm 3.9mb
 ASPA 62.61 189 iPd 29 52.20 -0.4

0.9s 9.40nm 5.0mb
 APO 72.56 336 eP 30 52.20 -2.5X

0.6s 1.80nm 4.3mb
 PV10 78.92 50 eP 31 33.00 1.5

e 31 42.50
 GEC2 81.78 329 P 31 45.50 -0.8

0.6s 0.36nm 3.7mb
 e 31 48.50

e 31 55.40
 e 43 54.60

e 43 57.60
 ZOBO 144.98 59 ePKP 39 09.00 2.8X

LPB 145.17 59 ePKP 39 07.00 0.8
 CNCB 145.45 59 PKPc 39 08.50 1.6

S.D. = 1.3 on 27 of 34 obs.

DEC 28, 1992 08h 45m 42.64±0.20s
 26.070 N ± 4.4km 67.299 E ± 2.6km

DEPTH = 43.5km (7 depth phases)
 5.3mb (100 obs.) 4.8MsZ (11 obs.)

PAKISTAN (710)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 7S, 11C

Centroid Location:

Origin Time 08:45:44.2 1.4

Lat 26.59N 0.18 Lon 67.42E 0.17

Dep 33.0 FIX Half-duration 1.0

Moment Tensor; Scale 10¹⁶ Nm

Mrr= 3.22 0.34 Mtt= 0.61 0.76

Mff=-3.82 0.57 Mrt= 4.71 1.74

Mrf= 1.51 1.48 Mtf=-1.81 0.38

Principal Axes:

T Val= 6.80 P1g=53 Azm= 0

N -1.01 28 226

P -5.79 23 124

Best Double Couple: Mo=6.3×10¹⁶

NP1: Strike=173 Dip=33 Slip= 32

NP2: 56 73 119

QUE 4.11 356 iPc 46 44.30 -0.6
 0.8s 380.60nm

eS 47 21.90
 BOM 8.77 143 iP 47 45.10 -4.7X

eS 49 20.10
 NDI 9.19 71 iPc 47 50.40 -5.3X

0.5s 218.31nm 6.5mb X
 POO 9.64 140 iPd 47 57.60 -4.3X

MAIO 12.19 329 iPd 48 36.00 -0.4
 0.9s 23.44nm 5.2mb

eS 51 30.00
 HYB 13.54 127 eP 48 49.00 -5.3X

eS 51 28.00
 SHI 13.54 289 eP 48 53.00 -1.5

ASH 14.06 330 eP 48 58.00 -3.0X
 KSH 15.20 26 eP 49 12.00 -4.1X

1.0s 190.00nm 5.3mb
 E 10s 8.92um

S 51 57.00
 GKN 15.57 79 P 49 13.70 -7.3X

GBA 15.63 141 P 49 17.90 -3.7X

S 52 02.90
 DMN 15.97 81 P 49 20.20 -6.0X

0.6s 163.00nm 5.3mb
 KAT 16.04 327 eP 49 27.00 0.4

eS 52 26.00
 KKN 16.13 80 P 49 21.58 -6.6X

0.6s 195.00nm 5.4mb
 PKI 16.24 81 P 49 23.12 -6.5X

	0.6s	152.00nm		5.3mb	LZH	32.69	63 P	52	13.00	-0.2	ZST	44.76	313 eP	53	53.00	-0.6	
GUN	16.66	80 P	49	28.82	-6.2X		1.2s	51.00nm		5.3mb			e	54	36.00	198kmX	
TEH	16.70	309 eP	49	39.00	3.9X	Z	10s	1.72um		4.8Msz	MGR	44.96	302 P	53	56.30	1.0	
FRU	17.77	18 ePc	49	45.00	-3.3X	N	11s	1.84um			NUR	45.00	332 iP	53	55.60	0.3	
	1.7s	180.00nm		4.9mb				pP	52	23.00	35km		0.5s	12.40nm		5.0mb	
PRZ	18.74	26 eP	49	59.00	-1.4	NNT	33.31	108 eP	52	19.20	0.7	SOP	45.02	312 eP	53	56.30	0.6
	1.5s	310.00nm		5.3mb		GYA	35.21	80 iPc	52	33.40	-1.6	NRI	45.06	10 iPc	53	55.80	0.1
AAA	18.88	22 iP	50	01.50	-0.6		1.0s	50.00nm		5.4mb			e	55	29.00	495kmX	
TLG	19.03	23 eP	50	02.00	-1.8	MOY	36.10	36 ePc	52	43.00	1.0	NJ2	45.11	70 Pc	53	56.00	-0.6
	1.5s	158.00nm		5.0mb			1.2s	44.00nm		5.3mb			1.1s	25.00nm		5.0mb	
Z	12s	1.30um		4.6MszX		MOS	36.64	332 iPd	52	48.00	1.5	KAF	45.17	334 iP	53	56.80	0.1
E	16s	1.30um					2.0s	480.00nm		6.1mb			0.5s	19.40nm		5.2mb	
KER	19.28	300 iPd	50	08.30	1.4	OBN	36.66	331 iPc	52	48.00	1.3	VKA	45.29	313 eP	53	58.00	0.2
8AK	20.33	319 eP	50	24.00	6.3X		1.5s	110.00nm		5.5mb		VRAC	45.31	315 eP	53	58.30	0.4
LSA	21.38	75 iPc	50	29.20	0.1			e	53	00.00	44km		2.3s	503.30nm		6.0mb	
	0.9s	25.00nm		4.6mb		XAN	36.69	67 P	52	46.50	-0.9	BOD	45.73	33 eP	53	57.50	-3.6X
		pP	50	35.00	21kmX			e	55	10.00		KSP	45.83	317 ePc	54	02.20	0.2
		S	54	18.00			1.0s	37.00nm		5.3mb			1.2s	46.00nm		5.3mb	
SHL	22.13	86 iPc	50	36.00	-0.3	Z	20s	1.67um		4.8Msz			e	54	48.30	213kmX	
	1.2s	269.53nm		5.6mb		N	16s	2.43um			TRI	46.65	309 eP	54	08.10	-0.5	
		eS	54	40.00				pP	52	59.50	49km	PRU	46.75	315 P	54	10.00	0.7
MTA	24.23	316 iPd-	50	59.00	2.7X			S	58	27.00			e	54	26.10	63kmX	
	0.8s	280.00nm		5.8mb		ZAK	36.71	39 eP	52	48.00	0.8		e	55	43.50		
WMQ	24.25	38 iPc	50	57.60	0.9		1.5s	30.00nm		5.0mb		ARV	47.06	306 P	54	11.90	0.0
	1.0s	130.00nm		5.4mb		Z	14s	0.98um		4.7MszX	KBA	47.10	311 iPc	54	12.50	0.2	
Z	16s	1.81um		4.7MszX		E	14s	1.05um				1.1s	67.00nm		5.5mb		
N	10s	2.70um				KIS	36.79	315 eP	52	48.00	0.1	GEC2	47.10	313 iPd	54	12.60	0.4
		sP	51	05.50				e	55	12.00			0.8s	6.79nm		4.7mb	
		PP	51	36.00		CLI	37.65	313 eP	52	57.00	1.7	SSE	47.21	71 Pc	54	13.20	0.1
		S	55	15.00		VRI	37.81	312 ePd	52	58.00	1.4		1.0s	11.00nm		4.8mb	
		sS	55	24.00		B											

28d 09h

YKA 16.53 77 eP 07 59.90 2.0
0.8s 1.00nm 3.0mb X
69 obs. associated

& DEC 28, 1992 09h 20m 15.70s
61.195 N 152.085 W
DEPTH = 129.3km
SOUTHERN ALASKA (2)
<AEIC>.

SPU	0.02	132	iP	20	32.60	0.7
			eS	20	46.04	
CKN	0.06	302	iP	20	32.94	1.1
CKT	0.06	276	iP	20	32.73	0.8
			eS	20	46.08	
CP2	0.10	313	eP	20	33.21	1.1
CGLM	0.12	18	eP	20	32.63	0.6
CKL	0.12	271	iP	20	32.95	0.9
			eS	20	46.64	
BGL	0.16	295	eP	20	32.95	0.9
NKA	0.61	137	iP	20	36.80	1.2
DFR	0.67	206	eP	20	35.12	-1.1
			eS	20	50.12	
SUA	0.70	67	eP	20	35.80	-0.6
			eS	20	51.35	
NCT	0.76	213	iP	20	36.03	-0.8
			eS	20	51.83	
REF	0.77	203	eP	20	36.05	-1.0
RDW	0.80	207	eP	20	36.21	-1.1
RS2	0.81	204	eP	20	36.56	-0.8
RS0	0.81	204	eP	20	36.37	-1.0
RS1	0.81	204	eP	20	36.61	-0.8
SKT	0.83	18	iP	20	36.35	-1.0
			eS	20	52.19	
			eS	20	52.46	
SLKM	1.14	126	iP	20	39.74	-0.5
PWA	1.16	66	eP	20	39.64	-0.7
			eS	20	58.53	
PMS	1.22	87	P	20	40.00	-1.1
PLRM	1.48	73	eP	20	42.11	-1.7
MPA	1.51	117	eP	20	43.49	-0.7
PTE	1.53	101	iP	20	42.96	-1.4
BRK	1.55	157	eP	20	44.19	-0.6
			eS	21	05.22	
GHO	1.62	68	P	20	44.00	-1.6
SEW	1.70	129	eP	20	45.34	-1.0
CNPM	1.73	165	eP	20	45.97	-0.8
PDB	1.76	217	eP	20	45.13	-1.9
KNK	1.77	81	eP	20	45.69	-1.5
			eS	21	10.39	
SML	1.90	69	eP	20	47.17	-1.7
KNIM	2.30	110	eP	20	51.30	-2.5
MCNL	2.31	210	eP	20	52.26	-1.7
SCM	2.37	72	eP	20	53.26	-1.5
GLI	2.45	95	eP	20	53.26	-2.5
SYI	2.60	184	eP	20	56.52	-1.1
RND	2.68	33	eP	20	57.38	-1.5
VLZ	2.79	89	eP	20	58.22	-1.9
TOA	2.97	69	eP	21	02.19	-0.3
CVA	3.17	99	eP	21	02.66	-2.4
BALM	4.73	88	eP	21	24.46	-1.7
CTGM	5.23	88	eP	21	32.05	-0.9

41 obs. associated

* DEC 28, 1992 09h 23m 04.77±2.31s
7.207 N ±13.8km 76.255 W ±20.8km
DEPTH = 88.0 ± 22.2 km
3.9mb (1 obs.)

NORTHERN COLOMBIA (99)

BMG	3.16	92	eP	23	51.50	-1.9
BOG	3.37	140	eP	24	00.00	3.5X
SDV	5.81	73	ePn	24	31.00	0.7
			eSn	25	37.10	
PSO	6.07	190	eP	24	34.50	0.4
TOV	6.89	68	eP	24	46.40	1.3
			eS	26	06.90	
ZOBO	24.69	161	P	28	18.60	-1.2
			LR	51	24.00	
LPB	24.93	161	eP	28	22.00	0.2
CNCB	25.23	161	eP	28	26.00	1.2
YKA	61.86	341	eP	33	16.10	-0.6
			0.8s	1.00nm	3.9mb	

S.D. = 1.5 on 8 of 9 obs.

* DEC 28, 1992 09h 59m 23.19±0.79s
6.732 N ± 6.3km 72.552 W ±13.6km

DEPTH = 120.7 ± 9.6 km
4.1mb (1 obs.)
NORTHERN COLOMBIA (99)

BMG	0.62	303	eP	59	42.00	-0.4
BOG	2.58	216	iPd	00	08.00	3.0X
			iS	00	39.00	
SDV	2.86	41	iPnc	00	17.50	8.9X
			iSn	00	55.70	
TOV	4.08	42	ePn	00	32.70	7.9X
			iSn	01	22.70	
PSO	7.28	221	eP	01	08.50	-0.2
STH	12.02	340	ePd	02	12.51	0.8
BBJ	12.46	339	iPd	02	18.11	0.6
ZOBO	23.29	169	P	04	21.60	-0.2
LPB	23.53	169	P	04	24.50	0.6
CNCB	23.82	169	P	04	27.20	0.3
SIV	25.28	153	Pc	04	44.60	4.6X
BAO	32.95	133	e(P)	05	49.00	0.4
			e	05	50.60	
LMN	39.55	9	eP	06	46.50	2.7X
ULM	47.56	340	eP	07	47.00	-1.2
YKA	63.54	340	eP	09	37.90	-4.7X
			0.5s	1.30nm	4.1mb	
LIC	67.04	86	P	10	05.60	-0.4
KIC	67.32	86	P	10	07.30	-0.4
ASPA	149.52	234	iPKPc	18	56.10	0.3
			0.7s	12.80nm		
WB2	150.78	241	iPKPd	18	59.50	1.7X
			0.3s	21.40nm		
			i	19	40.80	

S.D. = 0.7 on 12 of 19 obs.

DEC 28, 1992 10h 23m 22.24±0.22s
38.878 N ± 3.5km 142.488 E ± 3.4km
DEPTH = 30.2km (34 depth phases)
5.0mb (60 obs.) 4.7Msz (11 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ	0.67	288	iPd	23	35.00	-0.4	
			S	23	44.90		
YAMJ	2.05	251	P	23	55.80	0.5	
			S	24	22.50		
AOMJ	2.34	317	eP	24	01.20	1.8	
			S	24	32.20		
NIJ	3.20	240	iPd	24	12.40	0.8	
			S	25	00.50		
KAKJ	3.24	215	P	24	11.30	-0.9	
			S	24	49.70		
HOJ	3.55	10	eP	24	16.30	-0.3	
			eS	24	56.30		
MRRJ	3.70	344	eP	24	19.70	1.0	
			eS	25	03.90		
CHJJ	3.96	226	P	24	23.50	1.0	
MAT	4.12	237	iPd	24	25.90	1.2	
			eS	25	17.00		
MTMJ	4.36	240	P	24	30.10	1.9	
KUSJ	4.54	21	eP	24	28.00	-2.6X	
			eS	25	17.80		
IIDJ	4.98	229	P	24	39.50	2.5	
ASAJ	5.24	1	eP	24	40.60	0.1	
TSRJ	6.17	239	P	24	56.40	2.7X	
WKYJ	7.24	232	eP	25	08.30	-0.4	
KUR	7.50	30	eP	25	13.00	0.7	
			0.5s	120.00nm	6.2mb X		
Z	15s			3.30um	3.4Msz		
N	15s			4.70um			
E	15s			3.90um			
			eS	26	29.00		
YONJ	8.10	246	P	25	22.90	2.2	
YSS	8.14	1	eP	25	20.00	-1.1	
			Z	19s	2.40um		
			N	19s	1.60um		
				eS	26	53.40	
TKSJ	8.37	237	eP	25	24.70	0.2	
VLA	9.06	301	iP	25	33.50	-0.5	
			Z	14s	1.40um		
SHNJ	10.31	246	eP	25	55.50	4.3X	
MDJ	11.21	305	eP	26	05.60	2.2	
			Z	16s	2.95um		
			N	12s	1.17um		
			E	13s	1.15um		
				eS	28	15.00	
KUMJ	11.39	240	eP	26	07.80	1.9	
KAGJ	12.21	235	eP	26	17.60	0.6	
CN2	13.71	296	eP	26	41.00	4.2X	
			1.0s	8.10nm	4.5mb		

Z 15s 1.06um 3.6Msz
N 10s 0.72um
E 10s 0.40um

esP 26 51.00
eS 29 12.00
SNY 14.72 288 eP 26 54.60 4.6X
Z 16s 1.94um
N 12s 0.92um
E 12s 0.73um

DL2 16.24 277 P 27 10.50 0.8
1.0s 89.00nm 4.8mb
Z 14s 1.30um 4.7MszX
N 12s 0.67um
E 12s 1.68um

PET 18.00 33 eP 27 39.00 7.4X
SSE 19.08 252 P 27 43.00 -1.9
1.0s 74.00nm 4.9mb
Z 19s 2.20um 4.5MszX
N 12s 0.70um

pP 27 51.00 30km
PP 28 06.50
TIA 20.27 270 eP 27 55.30 -2.7X
Z 13s 2.24um 4.7MszX
N 11s 0.76um
E 13s 1.23um

eS 31 33.50
BJI 20.33 282 eP 27 56.00 -2.5X
1.5s 52.00nm 4.7mb
Z 14s 1.76um 4.6MszX
N 13s 1.05um

NJ2 20.39 258 Pd 27 57.00 -2.2
E 13s 1.58um
MGD 21.88 11 eP 28 14.00 -0.2
Z 13s 0.60um 4.2MszX
N 13s 0.50um
E 13s 0.50um

e 28 24.00 38km
e 28 34.00
ePPP 28 53.00
eS 32 18.00
eSS 32 50.00
TIY 23.57 277 eP 28 30.00 -1.0

Z 18s 2.55um 4.7Msz
N 12s 0.88um
E 11s 1.41um
S 32 39.00
HHC 23.76 285 P 28 31.80 -1.1

Z 17s 2.27um 4.7MszX
N 13s 0.44um
E 19s 1.38um
eS 32 40.00
CIT 23.96 313 eP 28 33.50 -1.1

YAK 24.46 345 eP 28 38.80 -0.5
Z 16s 1.30um 4.5MszX
N 14s 0.40um
E 18s 0.40um

e 29 26.00
eS 32 56.00
WHN 24.51 259 Pd 28 40.50 0.4
1.0s 18.00nm 4.6mb
Z 18s 1.81um 4.6Msz

N 16s 1.50um
E 14s 1.62um
pP 28 52.00 45kmX
eS 33 00.00

8TO 24.96 284 eP 28 43.50 -0.9
N 13s 0.48um
E 13s 1.63um
eS 33 03.00

BOD 26.40 325 eP 28 56.90 -0.7
0.7s 22.00nm 4.9mb
XAN 27.33 270 P 29 05.00 -1.4
0.8s 11.00nm 4.6mb

Z 16s 1.19um 4.6MszX
E 13s 1.18um
pP 29 16.50 44kmX
S 33 46.00

CVP 27.74 226 eP 29 10.00 -0.1
BAG 29.48 227 eP 29 24.00 -2.0
IRK 29.52 310 ePc 29 25.80 -0.1
Z 16s 1.23um 4.6MszX
N 14s 1.20um

e 29 35.20 32km
ZAK 29.84 306 iPc 29 28.80 0.1
1.1s 26.00nm 4.9mb
Z 15s 2.26um 4.9MszX
E 16s 2.43um

LZH	30.64	277	eP	32 31.00	29 34.20	-2.0	KSH	50.47	293	eP	32 20.50	1.1	TUC	81.82	55	(P)	35 48.40	32km	
	1.5s		24.00nm			4.8mb	IPM	50.75	238	ePd	32 21.90	0.3		1.2s		7.80nm	35 41.72	1.8	
Z	18s		1.29um			4.6Msz										ePp	35 50.15	27km	
N	12s		0.66um				KGM	51.20	234	eP	32 25.00	0.0	GRF	81.89	330	iPd	35 40.90	1.0	
							NDI	54.17	280	iP	32 46.50	-0.5		1.0s		15.00nm		5.0mb	
OCP	30.64	224	eP	29 45.00	40km		SVE	54.34	318	iPd	32 49.50	1.6	Z	19s		0.40um	35 47.70	22km	
MOY	31.45	308	eP	29 37.00	0.9					1.50um		5.2MszX				e(Pp)	35 45.82	0.9	
GYA	32.40	258	iPd	29 51.40	-0.2					0.50um						7.96nm	35 55.46	30km	
	1.0s		54.00nm			5.4mb				1.10um						ePp	35 29.60	-17.0X	
Z	20s		1.60um			4.7Msz	ARU	55.54	318	eP	32 55.00	-1.7	KBA	83.13	328	iPc	35 48.10	67kmX	
N	14s		1.13um							1.50um		5.2MszX				i	35 53.00	0.0	
E	14s		0.77um							0.50um						eP	35 53.00	0.0	
										1.00um									
CD2	32.56	268	eP	29 51.50	-1.4		WB2	59.01	189	iPd	33 19.30	-2.2		1.1s		8.80nm	35 56.10	-0.3	
	1.0s		26.00nm			5.1mb				53.20nm		5.8mb						4.9mb	
Z	14s		1.52um			4.8MszX	HYB	59.11	268	eP	33 21.60	-0.9	HAU	85.11	332	eP	35 56.10	-0.3	
GTA	32.88	285	P	29 56.00	0.3					19.20nm		5.3mb				0.8s	5.10nm	4.8mb	
	1.0s		14.00nm			4.8mb	RES	60.61	15	eP	33 31.00	-0.9		Z	20s		0.30um	4.7Msz	
Z	12s		3.61um			5.3MszX				4.00nm		4.5mb	LOR	86.63	333	eP	36 03.70	-0.2	
E	15s		1.23um				YKA	61.79	31	eP	33 38.40	-1.7				16.60nm	5.2mb		
										2.50nm		4.2mb				0.43um	4.8Msz		
QIZ	34.48	244	eP	30 10.80	1.2		GBA	62.21	265	P	33 42.80	-0.7	FLN	86.77	336	eP	36 04.30	-0.2	
UER	35.73	307	eP	30 19.50	-0.4		ASPA	62.73	189	iPd	33 45.30	-1.4				12.70nm	5.1mb		
KMI	36.10	260	Pc	30 23.00	-0.6					27.40nm		5.4mb	Z	21s		0.45um	4.8Msz		
	1.5s		170.00nm			5.7mb	MBL	63.38	204	eP	33 33.00	-18.0X	LDF	86.81	336	eP	36 04.90	0.2	
Z	20s		1.20um			4.7Msz	MAIO	63.55	296	eP	34 01.00	8.7X				25.00nm	5.3mb		
N	15s		0.60um				KOD	64.23	262	eP	33 56.00	-1.2	LBF	86.83	333	eP	36 04.60	-0.3	
E	15s		0.50um				RMO	65.29	174	eP	34 02.50	-0.8				8.50nm	5.0mb		
										14.00nm		5.3mb	SSF	86.93	333	eP	36 05.30	-0.1	
ELT	40.50	310	eP	30 58.70	-1.0					287 eP	34 08.00	-0.8				9.15nm	5.0mb		
	2.0s		74.00nm			5.1mb	NANU	66.13	207	eP	34 09.00	-0.4	LPL	87.06	331	eP	36 06.30	0.0	
							MOS	66.28	233	eP	34 18.00	29km				7.40nm	5.0mb		
WMO	40.80	295	Pc	31 03.50	1.1					e	34 14.00	-0.8	LPG	87.07	331	eP	36 06.40	0.0	
	1.2s		65.00nm			5.2mb	OBN	67.12	323	eP	34 14.00	-0.8				23.10nm	5.3mb		
Z	16s		0.67um			4.6MszX				1.0s		5.1mb	SMF	87.17	333	eP	36 06.70	0.2	
						30km				1.20um		5.2MszX				11.50nm	5.0mb		
										e	34 24.00	32km				1.1s	11.50nm	5.0mb	
							STK	70.40	181	eP	34 34.10	-1.1	AVF	87.22	333	eP	36 06.80	0.1	
										3.10nm		4.4mb				0.9s	15.55nm	5.3mb	
							FCC	71.98	27	eP	34 55.50	11.0X	GRR	87.22	337	eP	36 06.70	0.0	
							LCCM	72.55	45	eP	34 47.60	-0.8				1.0s	17.60nm	5.3mb	
										e	34 58.00	34km	MAF	87.98	333	eP	36 11.00	0.5	
							HFS	72.76	336	eP	34 48.20	-0.9	MFF	88.57	335	eP	36 13.60	0.4	
										1.00nm		4.2mb				0.7s	6.05nm	5.0mb	
NRI	41.80	334	ePd	31 09.00	-1.2		NAO	73.10	338	P	34 49.40	-1.7	CAF	89.28	333	eP	36 17.30	0.6	
										0.8s		4.6mb				1.0s	9.40nm	5.1mb	
CHG	42.58	255	eP	31 16.90	-0.3		BONR	73.50	54	(P)	34 55.24	1.0	LPO	89.80	334	eP	36 18.70	-0.4	
	1.0s		15.50nm			4.7mb				eP	35 04.52	30km				1.1s	8.80nm	4.9mb	
LSA	42.91	274	Pd	31 22.10	1.7		TPNV	75.40	54	eP	35 04.68	-0.4	SLR	123.96	263	iPKPc	42 19.00	-0.4	
	1.0s		8.00nm			4.4mb				1.3s		28.81nm				0.5s	14.00nm		
Z	16s		2.37um			5.2MszX	DUG	75.51	50	eP	35 15.34	35km	ZOBO	145.02	59	PKP	42 58.20	-1.1	
N	14s		1.30um							ePp	35 05.89	0.3	LPB	145.21	59	PKP	43 00.00	0.6	
E	14s		0.61um							8.23nm		4.7mb	CNCB	145.49	59	PKP	43 00.00	0.8	
BRW	44.39	24	eP	31 31.07	-0.1					eP	35 15.76	32km	SIV	149.24	49	PKP	43 11.00	5.6X	
SEM	44.52	306	iPc	31 33.50	0.9		EMUT	76.94	49	eP	35 14.50	0.7				S.D. = 1.0 on 129 of 143 obs.			
	1.1s		42.00nm			5.2mb				eP	35 23.87	30km				DEC 28, 1992 10h 27m 26.96±0.53s			
Z	13s		1.00um			4.9MszX				eP	35 24.43	31km				44.702 N ± 4.1km 110.958 W ± 5.1km			
							MSU	76.96	51	eP	35 28.00	11.7X				DEPTH = 5.0km (geophysicist)			
IMA	44.67	31	eP	31 33.81	0.0		ULM	77.50	34	eP	35 27.35	0.2				YELLOWSTONE REGION, WYOMING (459)			
	1.3s		16.60nm			4.8mb	SRU	77.57	50	eP	35 27.16	31km				ML 3.0 (BUT), 2.5 (GS).			
										iPp	35 18.98	0.1							
BGL	45.09	38	eP	31 37.58	0.4		RSSD	77.89	43	eP	35 28.16	29km	TPMT	0.51	273	iPc	27 37.00	-0.1	
CP2	45.17	38	eP	31 38.85	1.0					0.9s		5.0mb	LTMT	0.84	258	eP	27 43.80	-0.1	
										13.40nm		5.0mb	MEMT	0.90	359	eP	27 44.50	-0.3	
CRP	45.21	38	eP	31 38.69	0.5					ePp	35 19.50	0.6	BGMT	0.93	305	iPd	27 44.90	-0.5	
										eP	35 24.36	0.9	LCCM	1.31	331	ePn	27 51.60	-0.1	
PMR	46.65	38	eP	31 49.33	0.1					eP	35 34.37	28km	MCMT	1.35	276	ePnc	27 52.30	-0.4	
	0.5s		8.16nm			5.0mb				eP	35 25.43	0.7	SXM	1.46	353	ePn	27 54.70	0.5	
										iPp	35 35.20	31km	LRM	1.54	317	ePn	27 56.10	0.8	
FBA	47.10	33	eP	31 52.67	-0.1					eP	35 25.00	0.6	BUT	1.73	320	ePg	28 00.10	2.0X	
	1.4s		31.32nm			5.1mb	PV10	78.93	49	eP	35 29.20	-0.1				eSn	28 22.50		
										13.00nm		4.9mb	HHAI	1.74	217	eP	27 57.47	-0.7	
GUN	47.84	275	P	31 59.42	-0.2					11.00nm		4.9mb	PTI	2.10	210	e(P)	28 03.53	0.2	
KLU	48.19	38	eP	32 02.15	0.6		CLL	79.92	331	iPc	35 29.10	-0.3	HRY	2.10	343	ePnd	28 03.70	0.4	
										e	35 32.60	0.8	HVU	3.21	205	eP	28 20.18	1.0	
KKN	48.36	275	P	32 02.60	-0.9		PRU	80.35	329	P	35 41.50	28km				e(P)	28 44.05	-0.5	
PKI	48.37	274	P	32 03.16	-0.5					1.0s		5.40nm					S.D. = 0.6 on 13 of 14 obs.		
DMN	48.58	275	P	32 05.52	0.3					20s		1.50um					DEC 28, 1992 10h 34m 38.14±0.28s		
GKN	48.76	275	P	32 05.70	-0.8					20s		0.80um					38.885 N ± 4.6km 142.388 E ± 4.2km		
	1.0s		87.00nm			5.7mb				E	20s	0.50um					DEPTH = 27.0km (17 depth phases)		
BALM	49.96	38	eP	32 14.99	-0.2							e	35 48.50	33km			4.9mb (53 obs.) 4.8Msz (5 obs.)		
												e	46 00.00				NEAR EAST COAST OF HONSHU, JAPAN(228)		
BRVK	50.03	311	iPc	32 15.50	-0.2							e	35 38.30	-0.2			CENTROID, MOMENT TENSOR (HRV)		
	1.0s		21.00nm			5.1mb											Data Used: GDSN		
FRU	50.23	298	eP	32 19.00	1.6		GEC2	81.59	329	Pd	35 38.30	-0.2							
	Z	20s	0.50um			4.5Msz				2.14nm		4.3mb							
						25km													

28d 10h

L.P.B.: 9S, 13C						NJ2 20.31 258 Pc 39 13.00 -1.7						epP 43 03.40 23km					
Centroid Location:						MGD 21.89 11 eP 39 35.00 4.4X						NNT 45.91 247 eP 43 01.00 0.7					
Origin Time 10:34:41.9 1.4						0.8s 30.00nm 4.8mb						PMR 46.69 38 eP 43 05.10 -0.8					
Lat 38.85N FIX; Lon 142.45E FIX						Z 15s 0.80um 4.3MsZ						0.9s 16.45nm 5.0mb					
Dep 22.811.2 Half-duration 1.0						N 15s 0.80um						epP 43 12.49 25km					
Mament Tensor; Scale 10**16 Nm						E 15s 1.00um						FBA 47.13 33 eP 43 09.70 0.3					
Mrr= 3.24 0.76 Mtl= 2.43 1.05						e 39 47.00 49kmX						0.9s 6.58nm 4.7mb					
Mff=-5.67 0.88 Mrt=-1.03 2.05						eS 43 36.00						PRZ 47.63 296 eP 43 15.00 1.1					
Mrf= 8.60 2.62 Mtf=-4.62 0.77						TIY 23.49 277 eP 39 44.80 -1.8						Z 17s 1.30um 5.0MsZ					
Principal Axes:						Z 18s 3.88um 4.9MsZ						E 17s 1.50um					
T Val= 10.01 Plg=47 Azm=231						E 11s 2.05um						GUN 47.76 275 P 43 14.86 -0.4					
N 1.74 29 359						HHC 23.68 285 P 39 47.00 -1.4						KLU 48.23 38 eP 43 18.04 -0.1					
P -11.75 28 106						1.8s 68.00nm 4.9mb						KKN 48.28 275 P 43 18.72 -0.5					
Best Double Couple:Mo=1.1*10**17						Z 16s 3.44um 4.9MsZ						PKI 48.29 274 P 43 18.72 -0.7					
NP1:Strike=244 Dip=31 Slip= 159						N 12s 0.64um						DMN 48.50 275 P 43 20.30 -0.7					
NP2: 352 79 60						E 14s 2.14um						GKN 48.68 275 P 43 21.44 -0.8					
OFUJ 0.59 289 iPd 34 51.20 1.3						WHN 24.43 259 Pd 39 56.00 0.4						BRVK 49.97 311 iPd 43 31.00 -0.6					
YAMJ 1.98 250 P 35 11.60 1.2						1.5s 75.00nm 5.0mb						2.0s 34.00nm 5.0mb					
AOMJ 2.28 318 P 35 16.60 1.9						BTO 24.88 284 eP 39 58.80 -1.2						BALM 50.00 38 (P) 43 33.09 1.2					
NIIJ 3.14 239 P 35 28.60 1.7						BOD 26.35 325 iPc 40 13.30 -0.1						epP 43 39.83 22km					
KAKJ 3.20 214 P 35 27.00 -0.8						0.8s 19.00nm 4.8mb						FRU 50.16 298 eP 43 33.50 0.3					
HOOJ 3.56 11 eP 35 32.10 -0.8						XAN 27.25 270 P 40 22.00 0.0						2.0s 40.00nm 5.1mb					
MRRJ 3.67 345 eP 35 36.20 1.7						0.6s 7.00nm 4.5mb						KSH 50.39 293 eP 43 38.00 2.9X					
CHJJ 3.91 225 P 35 38.50 0.6						Z 20s 1.52um 4.6MsZ						Z 12s 1.73um 5.3MsZ					
MAT 4.06 236 iPc 35 41.80 1.8						N 12s 0.93um						E 10s 1.27um					
MTMJ 4.30 239 P 35 45.50 2.0						E 14s 1.79um						IPM 50.69 238 ePd 43 37.80 0.3					
KUSJ 4.56 22 eP 35 44.20 -2.9X						PIP 27.89 229 ePd 40 32.80 40kmX						1.5s 82.40nm 5.5mb					
IIDJ 4.93 228 P 35 55.30 2.9X						IRK 29.45 310 eP 40 41.00 -0.6						KGM 51.14 234 eP 43 42.00 1.1					
ASAJ 5.23 2 eP 35 56.90 0.3						2.0s 48.00nm 4.9mb						NDI 54.09 280 eP 44 03.00 0.2					
TSRJ 6.11 239 P 36 12.50 3.6X						Z 15s 1.68um 4.8MsZ						SVE 54.29 318 ePd 44 04.00 0.1					
WKYJ 7.18 232 P 36 24.90 0.8						E 16s 1.64um						Z 2.0s 60.00nm 5.3mb					
KUR 7.54 31 eP 36 25.00 -3.9X						ZAK 29.77 306 eP 40 43.00 -1.4						Z 16s 2.50um 5.4MsZ					
Z 16s 5.60um						1.2s 24.00nm 4.9mb						N 16s 0.60um					
N 16s 5.00um						Z 15s 3.24um 5.1MsZ						E 16s 1.50um					
E 16s 5.00um						LZH 30.56 277 eP 40 51.00 -0.8						ARU 55.49 318 eP 44 12.00 -0.6					
eS 37 43.50						1.5s 19.00nm 4.7mb						Z 16s 2.50um 5.4MsZ					
YONJ 8.03 245 P 36 39.10 3.1X						Z 18s 1.97um 4.8MsZ						N 16s 1.00um					
YSS 8.13 2 (P) 36 35.00 -2.2						N 13s 0.94um						E 16s 1.50um					
Z 19s 3.40um						PP 41 59.50						WB2 59.00 189 iPd 44 35.30 -2.5					
N 19s 2.20um						PLP 31.67 214 ePd 41 04.70 3.2X						0.6s 17.70nm 5.4mb					
E 19s 1.80um						GYA 32.32 258 iPc 41 05.80 -1.5						i 44 44.90 31km					
eS 38 09.80						1.2s 54.00nm 5.3mb						HYB 59.03 268 eP 44 36.60 -1.7					
TKSJ 8.31 236 eP 36 40.40 0.6						Z 18s 1.71um 4.8MsZ						1.2s 28.60nm 5.3mb					
VLA 8.99 301 iP 36 49.50 0.3						N 14s 2.27um						RES 60.62 15 eP 44 48.00 -0.4					
SHNJ 10.24 246 eP 37 08.50 2.0						E 14s 1.20um						0.9s 5.00nm 4.6mb					
MDJ 11.14 305 eP 37 23.00 4.3X						S 46 21.00						YKA 61.83 31 eP 44 55.10 -1.6					
Z 18s 4.79um						CD2 32.48 268 Pd 41 07.60 -0.9						0.9s 3.40nm 4.5mb					
N 12s 2.05um						GTA 32.80 285 eP 41 11.00 -0.3						GBA 62.13 265 P 44 58.50 -0.8					
E 14s 1.78um						1.5s 14.00nm 4.7mb						ASPA 62.73 189 iPc 45 01.00 -2.0					
eS 39 30.00						UER 35.66 307 eP 41 35.50 -0.1						1.4s 16.20nm 5.0mb					
CN2 13.64 297 eP 37 58.00 5.9X						KMI 36.03 260 Pc 41 39.00 -0.3						MBL 63.36 204 eP 44 49.00 -18.2X					
1.0s 6.60nm 4.5mb						2.0s 40.00nm 5.0mb						63.48 296 eP 45 08.00 -0.1					
Z 17s 1.72um 6.4MsZ						Z 20s 2.50um 5.0MsZ						KOD 64.15 262 eP 45 16.20 3.1X					
N 11s 1.24um						N 16s 1.00um						RMQ 65.30 174 eP 45 18.00 -1.8					
E 11s 0.61um						E 16s 1.00um						MOS 66.23 323 eP 45 24.00 -1.4					
esP 38 12.50						ELT 40.43 310 iPc 42 15.20 -0.3						OBN 67.07 323 eP 45 31.00 0.1					
SNY 14.64 288 eP 38 12.00 6.8X						2.0s 60.00nm 5.0mb						e 45 40.00 29km					
Z 16s 3.11um						WMO 40.72 295 P 42 19.20 1.1						NEW 68.27 45 (P) 45 38.68 0.1					
N 11s 1.24um						1.5s 48.00nm 5.0mb						0.8s 8.69nm 4.9mb					
E 11s 0.98um						Z 16s 0.88um 4.7MsZ						STK 70.41 181 eP 45 54.40 2.8X					
DL2 16.16 277 P 38 27.00 2.0						pp 43 57.80						0.8s 1.60nm 4.2mb					
1.0s 71.00nm 4.8mb						PcP 44 21.00						LCCM 72.60 45 eP 46 04.50 -0.5					
Z 14s 1.83um 3.6MsZ						ePcS 48 09.00						e 46 13.60 29km					
N 12s 0.80um						S 48 30.00						HFS 72.72 336 eP 46 02.80 -2.4					
E 12s 2.68um						NRI 41.76 334 iPd 42 24.50 -1.6						0.5s 1.00nm 4.1mb					
SSE 19.00 252 Pc 39 00.80 0.5						1.5s 22.00nm 4.7mb						Z 18s 547.00um 7.9MsZ					
1.0s 32.00nm 4.5mb						e 42 33.00 29km						LR 18 58.00					
Z 20s 3.20um 5.3MsZ						e 42 32.90 -0.1						NAO 73.06 337 P 46 05.80 -1.5					
N 11s 0.90um						LSA 42.83 274 P 42 37.50 1.4						0.8s 3.40nm 4.4mb					
E 12s 1.00um						SVW 43.57 38 eP 42 43.40 2.2						HHA 73.89 47 (P) 46 14.13 1.6					
TIA 20.19 270 eP 39 11.40 -2.1						0.7s 17.02nm 4.9mb						TNP 74.16 54 eP 46 13.72 -0.6					
Z 12s 4.01um 5.0MsZ						epP 42 50.43 24km						0.8s 7.31nm 4.8mb					
N 11s 1.18um						BRW 44.41 24 (P) 42 49.38 1.6						TPNV 75.46 54 (P) 46 23.90 2.1					
E 13s 1.91um						SEM 44.45 306 ePc 42 48.90 0.5						0.7s 2.23nm 4.3mb					
BJI 20.25 282 eS 42 53.50						2.0s 59.00nm 5.1mb						epP 46 31.18 27km					
2.0s 120.00nm 4.9mb						i 42 57.70 29km						MSU 77.01 51 (P) 46 30.58 0.0					
Z 16s 2.92um 4.7MsZ						eP 42 51.08 0.7						eP 46 39.99 30km					
E 12s 2.10um						IMA 44.71 31 eP 42 51.08 0.7						SRU 77.62 50 eP 46 33.88 0.1					
						CRP 45.25 38 eP 42 56.59 1.8						epP 46 42.53 28km					
												OJC 77.93 326 eP 46 35.40 0.4					
												e 46 44.20 28km					
												GLA 78.80 57 eP 46 39.30 0.9					
												epP 46 40.61 0.4					
												KSP 78.93 329 ePd 46 49.12 27km					
												ePd 46 40.80 0.3					

PV10 78.98 49 eP 46 41.59 0.2
 epP 46 49.74 26km
 BRG 79.85 330 eP 46 48.30 2.8X
 PRU 80.30 329 P 46 48.00 0.1
 e 47 25.00 148kmX
 SRO 80.38 326 iP 46 49.40 1.1
 ZST 80.62 326 eP 46 48.80 -0.8
 ALO 82.82 51 eP 47 02.34 0.7
 1.3s 9.86nm 4.8mb
 epP 47 10.81 27km
 KBA 83.09 328 iPc 47 03.70 1.0
 0.7s 6.40nm 4.9mb
 CDF 84.39 332 iPd 47 09.50 0.3
 1.4s 14.80nm 5.0mb
 BSF 85.05 332 ePd 47 12.40 -0.1
 HAU 85.07 332 eP 47 12.40 -0.1
 LOR 86.59 333 iPd 47 20.20 0.1
 0.9s 8.50nm 5.0mb
 FLN 86.73 336 iPd 47 20.80 0.1
 1.1s 17.85nm 5.2mb
 LDF 86.77 336 iPd 47 20.90 0.0
 1.2s 26.50nm 5.3mb
 LBF 86.79 333 iPd 47 21.10 0.0
 1.2s 14.30nm 5.1mb
 SSF 86.89 333 iPd 47 21.80 0.3
 0.9s 7.70nm 4.9mb
 SMF 87.13 333 iPd 47 23.00 0.3
 1.2s 11.30nm 5.0mb
 AVF 87.17 333 iPd 47 23.20 0.3
 1.1s 14.15nm 5.1mb
 GRR 87.18 336 iPd 47 22.10 -0.8
 1.4s 38.35nm 5.5mb
 MAF 87.94 333 iPd 47 27.60 1.0
 1.2s 14.30nm 5.2mb
 MFF 88.53 335 iPd 47 30.00 0.6
 1.5s 35.00nm 5.5mb
 CAF 89.24 333 iPd 47 34.00 1.1
 1.1s 8.80nm 5.0mb
 ZOBO 145.08 58 PKP 54 14.80 -1.0
 Z 24s 0.14um 4.6MszX
 LR 44 14.00
 LPB 145.28 59 PKP 54 16.00 0.1
 CNCB 145.55 59 PKP 54 17.10 0.6
 SIV 149.29 49 PKP 54 30.20 8.3X
 S.D. = 1.1 on 110 of 127 obs.

& DEC 28, 1992 11h 21m 35.79s
 63.021 N 150.734 W
 DEPTH = 117.6km
 CENTRAL ALASKA (1)
 <AEIC>

HUR 0.50 94 eP 21 53.40 -0.4
 eS 22 06.71
 RND 0.94 65 iP 21 56.95 -0.4
 S 22 13.16
 MCK 1.08 48 eP 21 58.28 -0.5
 SKT 1.11 200 iP 21 58.63 -0.4
 eS 22 16.23
 PWA 1.43 163 P 22 02.50 -0.1
 GH0 1.51 145 P 22 03.20 -0.5
 S 22 24.80
 SUA 1.56 180 eP 22 04.26 -0.1
 PLRM 1.62 152 eP 22 03.93 -0.9
 eS 22 26.32
 PMR 1.62 152 iPd 22 03.65 -1.2
 iS 22 25.98
 SML 1.65 136 iP 22 04.62 -0.7
 eS 22 27.70
 NEA 1.73 24 eP 22 05.14 -1.0
 CGLM 1.82 200 eP 22 06.56 -0.9
 PMS 1.87 162 P 22 07.30 -0.7
 CRP 1.88 201 eP 22 06.72 -1.6
 S 22 31.34
 CP2 1.90 203 eP 22 07.75 -0.8
 S 22 33.80
 BGL 1.93 205 eP 22 08.44 -0.4
 KKN 1.93 201 eP 22 08.60 -0.1
 KNK 1.94 146 eP 22 07.88 -0.9
 eS 22 32.83
 SPU 1.95 199 eP 22 08.09 -0.9
 CKT 1.95 201 eP 22 08.55 -0.5
 CKL 1.98 203 eP 22 08.73 -0.7
 SCM 1.98 125 eP 22 08.53 -0.9
 MLY 2.02 360 eP 22 09.11 -0.8
 CCB 2.09 37 eP 22 09.67 -1.0
 HDA 2.18 49 eP 22 11.07 -0.9

S 22 38.05
 FBA 2.29 33 eP 22 11.68 -1.6
 NKA 2.30 186 eP 22 14.85 1.5
 TOA 2.30 111 P 22 13.10 -0.5
 PTE 2.31 159 eP 22 12.29 -1.2
 PAX 2.40 89 eP 22 14.54 -0.4
 TTA 2.41 270 eP 22 13.66 -1.3
 SDG 2.44 99 eP 22 15.09 -0.2
 GLM 2.46 35 eP 22 14.68 -1.0
 SLKM 2.53 174 eP 22 15.64 -0.9
 RDT 2.58 199 eP 22 17.83 0.6
 DFR 2.61 202 eP 22 16.05 -1.5
 MPA 2.62 165 eP 22 16.35 -1.3
 TZL 2.65 109 eP 22 17.83 -0.2
 NCT 2.68 204 eP 22 18.29 -0.2
 REF 2.71 201 eP 22 18.76 -0.2
 KLU 2.72 122 eP 22 17.25 -1.8
 RDW 2.73 202 eP 22 18.66 -0.6
 RS2 2.74 201 eP 22 19.01 -0.4
 RSO 2.74 201 eP 22 18.98 -0.5
 RS1 2.74 201 eP 22 18.99 -0.5
 GLI 2.75 140 eP 22 17.85 -1.5
 VLZ 2.81 131 eP 22 17.99 -2.1
 SEW 2.99 168 eP 22 21.24 -1.3
 KNIM 3.04 151 eP 22 20.79 -2.4
 DOT 3.07 75 eP 22 22.59 -1.1
 BRLK 3.27 181 eP 22 25.38 -0.9
 LTI 3.29 154 eP 22 24.51 -2.1
 IMA 3.31 339 eP 22 25.16 -1.9
 HIN 3.32 141 eP 22 24.80 -2.1
 CVA 3.43 134 eP 22 26.53 -1.9
 CNPM 3.52 184 eP 22 28.72 -0.9
 GLB 3.61 113 eP 22 29.41 -1.5
 SGAM 3.65 131 eP 22 29.09 -2.3
 BALM 4.42 113 eP 22 40.06 -2.0
 SYI 4.50 191 eP 22 41.79 -1.1
 60 obs. associated

* DEC 28, 1992 12h 32m 05.37± 1.06s
 25.245 N ± 15.9km 67.762 E ± 8.2km
 DEPTH = 33.0km (normal)
 3.6mb (2 obs.)
 PAKISTAN (710)

QUE 4.98 352 eP 33 20.40 0.4
 eS 34 30.70
 NDI 9.10 66 eP 34 16.50 -1.0
 GBA 14.73 140 P 35 44.60 11.4X
 S 38 34.60
 GKN 15.34 76 P 35 42.06 0.8
 DMN 15.72 78 P 35 46.60 0.4
 KKN 15.88 77 P 35 48.64 0.3
 PKI 15.98 78 P 35 49.64 -0.1
 GUN 16.42 77 P 35 55.20 -0.2
 KAF 46.10 334 eP 40 24.60 -3.2X
 KIC 71.50 268 (P) 43 25.60 0.3
 WRA 78.77 118 P 44 13.30 6.6X
 0.7s 0.30nm 3.4mb
 YKA 92.55 1 eP 45 13.40 -0.9
 0.5s 0.20nm 3.8mb
 S.D. = 0.7 on 9 of 12 obs.

DEC 28, 1992 13h 42m 02.55± 0.27s
 30.057 N ± 5.3km 69.183 E ± 3.8km
 DEPTH = 17.0km (6 depth phases)
 4.8mb (38 obs.) 4.4Msz (1 obs.)
 PAKISTAN (710)

QUE 1.94 274 iPd- 42 38.90 3.6X
 0.7s 1181.51nm
 eS 43 04.40
 NDI 7.14 99 iPc 43 46.20 -2.6
 0.4s 42.37nm 5.9mb X
 MAIO 10.23 310 eP 44 33.00 1.3
 eS 47 09.00
 KSH 10.91 29 P 44 42.00 0.9
 0.5s 130.00nm 6.5mb X
 Z 10s 1.90um 3.5Msz
 S 46 42.00
 ASH 11.94 314 eP 44 53.00 -1.9
 POO 12.23 159 eP 44 58.00 -0.9
 GKN 13.68 95 P 45 12.54 -5.7X
 KAT 14.00 314 eP 45 22.00 -0.2
 DMN 14.17 96 P 45 19.66 -5.1X
 KKN 14.28 95 P 45 20.64 -5.5X
 PKI 14.44 96 P 45 23.14 -5.3X
 PRZ 14.45 28 eP 45 26.00 -2.2X

TLG 1.0s 40.00nm 5.0mb
 14.72 24 eP 45 29.00 -2.8X
 1.3s 33.00nm 4.7mb
 e 48 09.00
 GUN 14.77 94 P 45 27.22 -5.5X
 HYB 15.22 144 eP 45 34.60 -3.7X
 eS 48 12.00
 GBA 18.06 153 P 46 14.70 0.3
 S 49 54.70
 LSA 19.05 86 P 46 26.60 -0.3
 1.4s 17.00nm 4.1mb
 Z 14s 1.07um 4.1Msz
 N 20s 1.47um
 WMQ 20.13 42 P 46 38.00 -0.5
 1.0s 36.00nm 4.7mb
 Z 14s 0.78um 4.2MszX
 N 13s 0.85um
 pP 46 42.50 17km
 S 50 16.00
 SS 50 44.00
 SHL 20.56 97 iPc 46 42.20 -1.0
 1.2s 59.38nm 4.8mb
 eS 50 20.00
 KOD 21.18 157 eP 46 52.00 2.2
 SEM 21.97 19 ePc 46 57.00 -0.1
 1.1s 70.00nm 5.0mb
 Z 13s 0.40um 4.0MszX
 e 51 00.00
 BRVK 23.00 2 iPd 47 06.00 -1.2
 1.0s 43.00nm 4.9mb
 eS 51 17.00
 ELT 26.32 23 eP 47 38.10 -0.8
 1.4s 42.00nm 4.9mb
 Z 12s 0.70um 4.4MszX
 GTA 26.74 61 eP 47 44.00 0.8
 1.5s 15.00nm 4.4mb
 ARU 27.37 347 eP 47 49.00 0.4
 SVE 27.41 350 ePd 48 02.90 14.0X
 CHG 29.23 106 eP 48 05.10 -0.6
 1.2s 19.53nm 4.8mb
 LZH 29.56 69 eP 48 09.00 0.3
 1.2s 15.00nm 4.7mb
 Z 16s 0.34um 4.1MszX
 E 12s 0.27um
 pP 48 16.00 24km
 sP 48 20.00
 CD2 29.74 79 eP 48 11.60 1.3
 KMI 30.08 91 Pd 48 13.80 0.2
 1.8s 70.00nm 5.2mb
 MOY 31.93 38 eP 48 30.70 1.5
 ZAK 32.60 42 eP 48 36.00 0.9
 1.4s 9.00nm 4.5mb
 GYA 33.11 87 iPd 48 39.60 -0.4
 1.0s 19.00nm 5.0mb
 pP 48 45.60 21km
 XAN 33.77 73 P 48 44.00 -1.6
 pP 48 49.50 19km
 OBN 34.14 327 eP 48 49.00 0.6
 1.0s 22.00nm 5.0mb
 Z 16s 1.20um 4.7MszX
 BTO 34.66 61 eP 48 54.00 0.7
 HMC 35.85 61 eP 49 05.00 1.6
 TIY 36.45 66 eP 49 08.10 -0.4
 Z 18s 0.61um 4.4Msz
 VRI 36.54 308 eP 49 09.00 0.0
 MLR 37.01 307 eP 49 14.00 0.8
 CIT 39.24 43 eP 49 32.00 0.4
 IPM 39.31 124 ePd 49 33.70 1.1
 BJI 39.35 62 eP 49 38.50 5.9X
 1.5s 29.00nm 4.8mb
 UZH 40.00 311 eP 49 37.50 -0.4
 PSZ 41.49 310 e(P) 49 52.40 2.2
 KAF 42.39 332 iP 49 56.40 -0.9
 0.4s 5.70nm 4.7mb
 ZST 43.38 310 eP 50 06.80 1.2
 BRG 45.67 313 e(P) 50 24.50 0.5
 GEC2 45.68 310 P 50 24.30 0.1
 0.6s 1.15nm 4.0mb
 e 50 27.80 12km
 e 50 30.90
 MOX 47.13 313 eP 50 38.20 2.7X
 HFS 47.37 326 eP 50 36.20 -1.0
 0.5s 2.30nm 4.5mb
 Z 24s 55.00um 6.4MszX
 LR 08 10.00
 NAO 48.90 326 P 50 47.80 -1.4
 0.7s 5.70nm 4.7mb

28d 13h

CDF	49.94 310 eP	50 55.80 -1.6	4.9mb
	1.1s 13.45nm		4.9mb
BSF	50.29 309 eP	50 59.40 -0.7	4.7mb
	0.7s 6.70nm		4.7mb
LPG	50.47 306 eP	51 02.20 0.4	4.8mb
	1.0s 12.40nm		4.8mb
LPL	50.48 306 eP	51 02.40 0.6	4.5mb
	0.6s 3.80nm		4.5mb
LBF	52.26 308 eP	51 14.30 -0.7	4.5mb
	0.5s 3.20nm		4.5mb
LOR	52.31 309 eP	51 14.60 -0.7	4.4mb
	0.9s 4.10nm		4.4mb
SMF	52.38 308 eP	51 15.50 -0.4	4.9mb
	0.8s 11.95nm		4.9mb
SSF	52.57 308 eP	51 16.90 -0.3	4.7mb
	0.6s 5.50nm		4.7mb
AVF	52.70 308 eP	51 17.80 -0.4	4.6mb
	1.0s 7.20nm		4.6mb
TCF	53.54 307 eP	51 24.50 0.0	4.5mb
	1.0s 5.60nm		4.5mb
LSF	54.02 308 eP	51 27.50 -0.4	4.8mb
	0.7s 7.70nm		4.8mb
BCAO	54.10 252 iPc	51 28.00 -0.9	10km
	ic	51 31.00 10km	
LDF	54.83 311 eP	51 34.50 0.7	4.9mb
	0.9s 11.80nm		4.9mb
FLN	55.04 311 eP	51 35.80 0.4	5.0mb
	1.0s 16.60nm		5.0mb
MFF	55.11 308 eP	51 36.10 0.2	4.7mb
	0.9s 7.85nm		4.7mb
EKA	56.00 319 P	51 43.00 0.8	4.7mb
	1.4s 12.10nm		4.7mb
KIC	72.93 267 P	53 33.10 -0.1	3.7mb X
IMA	78.71 16 (P)	54 04.11 -1.1	
WRA	80.00 120 P	54 13.10 0.3	
	0.7s 0.60nm		3.7mb X
WB2	80.01 120 iPd	54 12.60 -0.2	4.9mb
	0.6s 8.20nm		4.9mb
ASPA	81.92 123 iPc	54 22.80 0.0	4.9mb
	0.9s 10.30nm		4.9mb
YKA	87.73 2 eP	54 52.10 0.9	4.9mb
	0.6s 3.80nm		4.9mb

S.D. = 1.0 on 62 of 74 obs.

DEC 28, 1992 13h 52m 29.12±0.68s
 40.379 N ± 6.0km 142.360 E ± 11.2km
 DEPTH = 62.6 ± 7.1 km
 4.3mb (5 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(22B)

OFUJ	1.40 203 P	52 51.20 -1.7	
	eS	53 10.40	
AOMJ	1.53 277 P	52 54.00 -0.6	
	eS	53 14.00	
HOOJ	2.12 19 eP	53 04.60 1.7	
	eS	53 30.50	
MRRJ	2.26 335 eP	53 04.20 -0.6	
YAMJ	2.85 220 eP	53 12.10 -1.0	
KUSJ	3.24 32 eP	53 18.20 -0.4	
	eS	53 54.70	
ASAJ	3.74 3 eP	53 26.10 0.4	
NIJJ	4.09 221 P	53 31.60 1.0	
KAKJ	4.51 203 P	53 35.80 -0.7	
MAT	5.03 222 eP	53 44.00 0.2	
	eS	54 33.00	
CHJJ	5.07 213 P	53 44.30 -0.1	
MTMJ	5.21 225 P	53 47.30 0.9	
IIDJ	6.02 217 P	53 59.30 1.5	
YAK	22.99 345 eP	57 27.00 -1.8	
	1.0s 25.00nm		4.6mb
GUN	47.64 273 P	01 00.78 -0.6	
KKN	48.16 273 P	01 04.96 -0.2	
	0.7s 22.00nm		5.2mb
PKI	48.17 273 P	01 07.28 1.9	
DMN	48.38 273 P	01 08.08 1.1	
GKN	48.54 274 P	01 07.72 -0.3	
WRA	60.47 189 P	02 34.70 0.0	
	0.7s 0.30nm		3.5mb
HFS	71.35 336 eP	03 43.30 -0.4	
	0.4s 1.40nm		4.2mb
NAO	71.68 337 P	03 45.40 -0.3	
	0.7s 2.50nm		4.3mb

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

DEC 28, 1992 16h 29m 00.34±0.66s
 28.864 N ± 6.6km 142.376 E ± 10.2km
 DEPTH = 33.0km (normal)

4.9mb (19 obs.) 3.7msz (2 obs.)
 BONIN ISLANDS REGION (212)

MAT	8.42 336 eP	31 04.00 1.0	
	0.5s 61.97nm		6.0mb X
	eS	32 26.00	
MDJ	18.73 331 eP	33 18.70 0.3	
	1.0s 35.00nm		4.5mb
CN2	20.14 322 eP	33 35.00 0.6	
	0.8s 3.80nm		3.8mb X
Z	20s 0.24um		3.5msz
NJ2	20.52 285 P	33 38.00 -0.3	
	0.9s 39.00nm		4.8mb
	pP	33 48.00 40kmX	
CVP	21.87 244 ePd	33 55.00 2.9	
BJI	24.23 304 eP	34 14.00 -1.0	
	1.2s 16.00nm		4.4mb
Z	18s 0.41um		4.0msz
WHN	24.38 281 eP	34 16.50 -0.1	
HHC	27.82 304 eP	34 48.60 -0.1	
	1.0s 11.00nm		4.5mb
BTO	28.90 303 eP	34 58.30 -0.1	
XAN	28.92 289 P	34 57.50 -1.1	
	0.6s 5.10nm		4.4mb
GYA	31.65 274 iPd	35 22.20 -0.7	
	1.0s 27.00nm		5.1mb
CD2	33.44 283 eP	35 37.30 -1.1	
KMI	35.40 273 Pd	35 56.00 0.4	
	1.6s 80.00nm		5.4mb
GTA	36.47 298 eP	36 04.00 -0.3	
	1.0s 6.00nm		4.4mb
CHG	40.77 266 ePd	36 40.50 0.3	
	1.0s 130.00nm		5.6mb
WMQ	45.70 304 P	37 20.70 0.7	
	1.0s 13.00nm		4.8mb
IPM	46.01 246 ePd	37 23.50 0.8	
WB2	49.14 190 iPd	37 46.30 -0.7	
	0.5s 21.40nm		5.4mb
WRA	49.14 190 P	37 46.80 -0.2	
	0.7s 6.70nm		4.8mb
GUN	49.30 283 P	37 48.90 0.2	
PKI	49.79 283 P	37 52.00 -0.5	
	0.9s 36.00nm		5.4mb
KKN	49.84 283 P	37 52.60 -0.1	
DMN	50.04 283 P	37 54.20 -0.1	
	0.8s 40.00nm		5.5mb
GKN	50.34 284 P	37 56.30 -0.1	
	1.0s 66.00nm		5.6mb
NDI	56.42 287 iPc	38 40.80 -0.4	
	0.8s 26.12nm		5.3mb
GBA	61.74 270 P	39 18.00 -0.2	
KOD	63.20 267 eP	39 28.00 -0.3	
YKA	70.51 29 eP	40 13.60 0.2	
	0.7s 0.70nm		3.8mb
NAO	82.32 338 P	41 20.10 0.3	
	0.8s 4.60nm		4.6mb
GEC2	90.09 329 P	41 58.10 -0.2	
	0.9s 0.82nm		4.0mb

S.D. = 0.8 on 30 of 30 obs.

? DEC 28, 1992 17h 14m 29.52±1.07s
 8.213 S ± 38.4km 105.843 E ± 50.4km
 DEPTH = 33.0km (normal)
 4.4mb (2 obs.)
 SOUTH OF JAWA, INDONESIA (282)

NANU	17.04 148 eP	18 26.00 -0.9	
	eS	21 25.00	
MBL	18.65 135 eP	18 32.40 -14.6X	
WB2	29.95 116 iPc	20 36.00 -1.3	
	0.4s 3.90nm		4.6mb
PKI	40.70 332 P	22 10.20 1.0	
STK	40.71 130 eP	22 11.30 2.4	
	0.6s 2.70nm		4.2mb
GUN	40.77 332 P	22 09.40 -0.4	
DMN	40.88 331 P	22 10.20 -0.4	
KKN	40.95 332 P	22 10.80 -0.3	
GKN	41.43 331 P	22 14.80 -0.2	
SIV	152.68 208 PKP	34 35.70 17.7X	

S.D. = 1.4 on 8 of 10 obs.

DEC 28, 1992 17h 18m 02.90±0.97s
 44.355 N ± 6.1km 7.934 W ± 9.8km
 DEPTH = 10.0km (geophysicist)
 NORTH ATLANTIC OCEAN (402)

STS	1.53 197 ePn	18 29.17 -1.2	
	eSn	18 51.40	
ERUA	2.04 163 ePn	18 39.64 1.9	
	eSn	19 06.00	
EZAM	2.27 194 ePn	18 40.63 -0.5	
	eSn	19 10.50	
ECRI	4.32 112 ePn	19 11.46 1.3	
EPLA	4.50 162 ePn	19 12.61 -0.1	
GUD	4.64 142 ePn	19 14.99 0.2	
ELIZ	4.79 102 ePn	19 17.72 0.9	
PAB	5.50 150 ePg	19 46.00 19.1X	
	e(Sn)	20 35.00	
	iSg	20 55.50	
ETOR	5.59 127 ePn	19 28.37 0.1	
MFF	5.92 65 Pn	19 33.70 1.0	
	Sn	20 35.90	
EGRA	5.97 109 ePn	19 40.21 6.9X	
LPF	6.03 50 Pn	19 35.40 1.1	
	Sn	20 39.00	
EPF	6.14 100 Pn	19 35.30 -0.6	
	Sn	20 38.90	
LFF	6.22 82 Pn	19 35.80 -1.1	
	Sn	20 39.80	
GRR	6.34 48 Pn	19 40.00 1.3	
	Sn	20 46.10	
LPO	6.53 84 Pn	19 41.50 0.1	
	Sn	20 47.80	
FLN	6.77 47 Pn	19 45.90 1.2	
RJF	6.79 79 Pn	19 44.90 -0.1	
	Sn	20 54.60	
LDF	6.86 49 Pn	19 46.70 0.8	
	Sn	20 58.30	
LSF	6.94 71 Pn	19 47.20 0.1	
	Sn	20 58.20	
CAF	7.16 82 Pn	19 49.70 -0.5	
	Sn	21 02.40	
TCF	7.41 71 Pn	19 53.50 -0.2	
	Sn	21 09.80	
MAF	7.64 72 Pn	19 56.60 -0.3	
	Sn	21 15.40	
BGF	7.89 70 Pn	20 00.30 -0.2	
	Sn	21 20.70	
AVF	8.29 69 Pn	20 05.10 -0.8	
	Sn	21 31.20	
SSF	8.45 67 Pn	20 07.70 -0.5	
	Sn	21 33.90	
SMF	8.58 70 Pn	20 09.10 -1.0	
LOR	8.74 66 Pn	20 11.60 -0.6	
	Sn	21 40.50	
LBF	8.75 68 Pn	20 11.20 -1.2	
	Sn	21 41.60	
HAU	10.55 65 Pn	20 35.80 -1.4	

S.D. = 0.9 on 28 of 30 obs.

& DEC 28, 1992 17h 42m 39.75s
 34.201 N 116.435 W
 DEPTH = 7.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS).

PEC	0.68 243 ePd	42 52.14 -1.2	
	eS	43 00.86	
PLM	0.92 203 ePd	42 56.64 -1.0	
SSK	1.04 271 ePc	42 58.84 -1.0	
GSC	1.14 345 eP	43 00.50 -0.9	
	eS	43 15.99	
GLA	1.76 130 ePn	43 08.49 -2.4	
	ePg	43 12.09	
ISA	2.22 312 (Pn)	43 16.94 -0.6	
	ePg	43 20.01	
BONR	4.04 339 (P)	43 52.28 8.7	
	7 obs. associated		

? DEC 28, 1992 17h 45m 32.29±2.02s
 11.269 N ± 12.4km 61.962 W ± 42.2km
 DEPTH = 100.0km (geophysicist)
 WINDWARD ISLANDS (95)
 MD 3.2 (TRN).

TCE	0.60 160 eP	45 48.78 -0.3	
	eS	46 02.04	
TRN	0.83 138 eP	45 51.04 -0.1	
	eS	46 05.20	
GRW	0.93 18 eP	45 52.41 0.1	
	eS	46 06.76	
TPP	1.07 152 eP	45 54.27 0.5	
	eS	46 09.28	

TBH 1.18 132 eP 45 54.82 -0.2
eS 46 13.94
S.D. = 0.4 on 5 of 5 obs.

& DEC 28, 1992 17h 51m 20.89s
33.947 N 116.306 W
DEPTH = 4.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS), 3.0 (GS).
Multiple event. Felt.

PEC 0.71 266 eP 51 34.18 -1.0
eS 51 42.73
PLM 0.75 218 iPd 51 34.98 -1.0
S 51 44.70
SSK 1.18 283 eP 51 42.45 -1.1
eS 51 58.95
(P) 51 48.37
GSC 1.41 343 (P) 51 48.37 0.9
GLA 1.52 125 ePc 51 46.88 -2.1
ISA 2.47 314 ePn 52 00.96 -1.7
TPNV 3.00 1 ePn 52 11.11 1.0
BCH 3.35 293 (Pn) 52 15.15 -0.1
MTUM 3.86 332 ePg 52 32.87 10.3
MRCM 4.12 335 (Pn) 52 27.96 1.8
TNP 4.19 350 ePn 52 28.42 1.3
MEMM 4.28 331 (Pn) 52 28.97 0.7
BONR 4.31 339 ePn 52 30.35 1.3
ARUT 4.48 30 ePn 52 31.50 0.2
MSU 5.65 35 (Pn) 52 49.29 1.4
15 obs. associated

DEC 28, 1992 17h 57m 03.65±0.39s
42.383 N ± 7.2km 43.525 E ± 4.4km
DEPTH = 10.0km (geophysicist)
4.4mb (11 obs.)
NORTHWESTERN CAUCASUS (362)
Felt (11) at Mizur, Georgio.

MTA 1.17 125 iPg- 57 21.40 -4.1X
PYA 1.68 348 iPg- 57 34.00 0.7
iS 57 57.00
GRO 1.86 58 iPg- 57 35.00 -0.8
i 58 00.00
MAK 2.95 76 iPnd- 57 57.00 5.6X
iS 58 34.00
SOC 3.04 295 ePn 58 03.00 10.3X
TBZ 3.13 245 ePn 57 54.00 0.1
TAB 4.81 153 eP 58 34.00 16.0X
ANN 5.16 301 ePn 58 23.00 0.2
eS 59 26.50
KVT 5.75 259 eP 58 31.00 -0.1
KAS 7.35 265 eP 58 54.50 0.8
OBN 13.51 343 eP 00 17.00 -0.6
1.0s 15.00nm 4.9mb

MAIO 13.76 111 eP 00 19.00 -2.2
eS 00 19.00
UZH 16.11 300 eP 00 51.00 -0.7
ARU 17.06 30 eP 00 58.00 -5.6X
e 04 03.00
OJC 18.12 304 eP 01 16.10 -0.7
SVE 18.13 31 ePc 01 11.00 -5.9X
2.0s 100.00nm 4.6mb

e 04 24.00
SRO 18.57 296 eP 01 37.50 15.1X
ZST 19.43 296 e(P) 01 39.30 6.4X
KSP 20.44 304 eP 01 47.80 4.2X
BRVK 20.81 50 iPd 01 42.50 -4.9X
1.0s 19.00nm 4.4mb

eS 05 20.00
GEC2 21.75 298 eP 01 58.00 0.9
e 02 02.90
e 02 06.10
e 02 07.80
KHC 21.86 298 P 02 06.00 7.8X
e 02 22.00

KAF 22.26 338 eP 02 03.20 1.3
FRU 22.83 78 eP 02 06.50 -1.3
GRF 23.45 299 eP 02 17.00 3.2X
HFS 25.43 325 eP 02 32.40 -0.3
0.7s 3.70nm 4.2mb
NAO 27.00 324 P 02 46.20 -1.0
1.2s 6.90nm 4.2mb

ELT 30.25 54 eP 03 16.00 -0.5
1.6s 13.00nm 4.5mb
EKA 32.69 310 P 03 41.00 3.1X
1.0s 3.90nm 4.3mb
UER 35.06 57 eP 03 58.30 -0.1

GKN 36.17 100 P 04 09.40 1.1
DMN 36.73 100 P 04 14.40 1.2
KKN 36.76 100 P 04 14.40 1.1
PKI 36.98 100 P 04 16.20 0.9
GUN 37.13 99 P 04 17.60 1.0
HYB 38.83 119 eP 04 30.00 -0.6
ZAK 40.99 57 eP 04 49.00 1.0
1.0s 6.00nm 4.3mb
BCAO 43.85 217 iPc 05 10.30 -1.5
0.5s 8.00nm 4.8mb
ic 05 15.90
BOD 45.67 45 eP 05 24.20 -1.7
LZH 46.29 77 eP 05 33.00 1.7
1.2s 18.00nm 5.0mb
CHG 52.15 99 eP 06 19.10 2.6X
YKA 74.00 350 eP 08 38.00 -2.7X
0.8s 1.00nm 3.9mb
S.D. = 1.1 on 27 of 42 obs.

& DEC 28, 1992 18h 00m 29.20s
33.946 N 116.306 W
DEPTH = 4.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.8 (PAS), 3.3 (GS).

PEC 0.71 266 ePd 00 42.35 -1.1
PLM 0.75 218 iPd 00 43.27 -1.1
SSK 1.18 283 eP 00 50.68 -1.2
S 01 06.90
GSC 1.41 343 eP 00 54.52 -1.2
GLA 1.52 125 ePn 00 54.69 -2.5
ISA 2.47 314 ePn 01 08.95 -2.0
TPNV 3.00 1 ePn 01 18.37 -0.1
MTUM 3.86 332 ePn 01 29.68 -1.2
ePg 01 41.10
TNP 4.19 350 ePn 01 34.66 -0.8
MMPM 4.27 330 (Pn) 01 38.58 1.8
ePg 01 47.54
MEMM 4.28 331 ePn 01 36.67 0.1
ePg 01 48.32
BONR 4.32 339 ePn 01 36.43 -0.9
ARUT 4.48 30 ePn 01 38.15 -1.4
CMB 5.25 322 Pg 02 07.73 17.3
ARN 5.44 310 (P) 01 51.96 -1.1
MSU 5.65 35 (Pn) 01 55.24 -0.9
16 obs. associated

* DEC 28, 1992 18h 07m 46.77±2.85s
3.140 S ± 16.3km 129.426 E ± 16.4km
DEPTH = 62.4 ± 27.5 km
4.9mb (5 obs.)

SERAM, INDONESIA (272)

AAI 1.34 246 iPc 08 08.50 -1.2
iS 08 12.10
MTN 9.79 170 eP 10 07.00 -0.4
eS 11 58.00
MKS 10.14 258 ePd 10 14.50 2.3
WB2 17.38 164 eP 11 46.40 -0.3
0.3s 18.90nm 4.7mb

eS 15 00.40
MBL 20.20 207 eP 12 00.00 -19.1X
PPI 29.13 275 eP 13 43.50 -0.7
IPM 29.39 285 ePc 13 46.00 -0.6
STK 30.80 160 eP 13 59.90 1.1
1.0s 2.00nm 3.8mb X

CHG 37.09 307 eP 14 53.00 -0.1
KMI 38.21 319 Pd 15 04.50 1.9
2.0s 90.00nm 5.3mb
TIY 43.60 340 eP 15 53.30 6.7X
LZH 45.76 331 eP 16 03.70 -0.4
1.4s 18.00nm 4.8mb

HHC 46.72 341 eP 16 13.80 2.3
LSA 49.07 314 eP 16 30.20 -0.2
GTA 50.35 330 eP 16 39.00 -0.6
GUN 52.04 309 P 16 51.80 -1.1
PKI 52.24 309 P 16 54.60 0.2
KKN 52.44 309 P 16 55.40 -0.4
DMN 52.49 309 P 16 55.40 -0.8
GKN 53.04 309 P 17 00.00 -0.1
HYB 54.17 294 eP 17 05.50 -2.9X

WMQ 59.88 326 P 17 48.00 -0.5
1.0s 5.60nm 4.6mb
YAK 64.98 0 eP 18 21.50 -0.4
0.8s 37.00nm 5.4mb
Z 17s 0.60um 4.9msz X
N 17s 0.60um

E 19s 0.40um
QUE 68.14 304 eP 18 34.30 -8.6X
CNCB 153.76 140 PKP 27 44.00 10.3X
ZOB0 154.04 139 PKP 27 47.00 12.8X
S.D. = 1.1 on 20 of 26 obs.

? DEC 28, 1992 19h 17m 50.04±6.68s
32.261 S ± 41.7km 71.931 W ± 31.7km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

ROCH 1.05 133 iPd 18 09.80 -0.2
iS 18 20.73
JACH 1.21 111 iPd 18 12.77 0.2
iS 18 26.18
LCCH 1.25 166 iP+ 18 13.20 0.0
iS 18 26.40
PEL 1.37 130 iPd 18 14.97 -0.2
iS 18 29.42
TACH 1.62 149 eP 18 18.81 0.1
FCH 1.74 128 eP 18 20.51 -0.3
iS 18 40.56
LNV 1.75 166 eP 18 20.18 -0.3
iS 18 40.14
PCH 1.81 139 iP+ 18 21.54 0.0
iS 18 42.58
CHCH 1.98 148 eP 18 24.91 0.9
iS 18 46.71
S.D. = 0.4 on 9 of 9 obs.

DEC 28, 1992 19h 20m 33.02±0.62s
19.411 N ± 4.4km 64.614 W ± 3.2km
DEPTH = 37.6 ± 7.0 km
4.9mb (30 obs.) 4.8msz (21 obs.)
VIRGIN ISLANDS (91)
Felt on St. Croix, St. John and
St. Thomas. Also felt in ports
of Puerto Rico.

LPR 1.62 228 iP 21 00.00 0.4
CPD 1.84 222 iP 21 03.90 1.1
SJC 1.95 229 iP 21 04.80 0.5
APR 2.22 245 iP 21 08.40 0.2
PORP 2.34 235 iP 21 10.00 0.0
LRS 2.39 243 iP 21 10.60 0.0
MGP 2.73 240 iP 21 15.60 0.1
CPB 3.18 123 eP 21 24.91 3.1X
MGH 3.52 139 eP 21 26.72 0.1
BPA 3.52 131 eP 21 25.00 -1.7
SEG 4.21 135 eP 21 35.20 -1.3
S 22 21.42

PAG 4.37 140 eP 21 39.70 0.9
S 22 30.90
SFG 4.52 133 eP 21 41.50 0.6
MGG 4.68 137 eP 21 42.00 -1.2
S 22 34.30

FDF 5.71 144 eP 21 58.01 0.3
CRM 5.83 142 eP 21 58.30 -1.0
BIM 5.93 145 eP 21 59.80 -1.0
MVM 6.00 143 eP 22 01.10 -0.7
SVB 6.90 152 eP 22 18.37 3.9X
GRW 7.75 158 eP 22 33.23 6.9X

CUM 8.90 177 eP 22 54.00 11.7X
TCE 9.09 162 eP 22 47.19 2.3
MORO 9.21 203 eP 22 48.50 1.9
TRN 9.25 160 eP 22 47.66 0.7
TBH 9.51 158 eP 22 56.27 5.6X
TPP 9.54 161 eP 22 56.56 5.5X

STH 11.63 265 ePd 23 15.06 -4.6X
SDV 11.98 210 eP 23 25.00 0.5
BOG 17.35 213 eP 24 34.50 0.0
iS 28 02.00

ECO 17.68 238 iP 24 36.56 -1.7
UPA 17.78 236 iP 24 39.87 0.4
HBF 19.50 317 eP 25 00.26 0.3
eS 28 23.25
LHS 20.78 320 eP 25 12.47 -0.9
eS 28 48.90

CEH 20.79 325 eP 25 12.17 -1.3
Z 20s 1.83um 4.4msz
eS 28 38.52
JSC 20.93 318 eP 25 13.65 -1.2
eS 28 50.22

CBN 21.77 332 eP 25 22.00 -1.3
e 29 23.00
PSO 21.97 216 eP 25 25.00 -1.0

28d 19h

CVL	22.09 330 eP	25 27.79 1.3	ORV	52.54 305 eP	29 44.29 -0.8	CMS	150.10 240 iPKPd	40 22.60 6.1X
	eS	29 18.99	PEL	52.58 186 ePd	29 47.10 1.8		0.6s 4.00nm	
BLA	22.49 325 eP	25 30.50 0.0	WDC	53.43 307 P	30 00.00 8.4X	STK	153.39 237 ePKP	40 27.50 6.2X
	eS	29 30.25		Z 19s 0.88um	4.8Msz		0.6s 2.30nm	
NAV	22.76 325 eP	25 33.98 0.7	KMPM	54.62 306 eP	30 00.06 -0.4	WRA	162.14 265 PKP	40 33.70 1.7X
	eS	29 38.40	YKA	54.95 334 eP	29 59.10 -3.3X		0.8s 0.80nm	
LVNJ	23.03 340 eP	25 36.79 1.0		0.7s 7.00nm	4.8mb		S.D. = 1.0 on 107 of 139 obs.	
	eS	29 40.26	DCN	55.26 38 eP	30 04.60 -0.2		DEC 28, 1992 19h 52m 48.50 ± 0.77s	
TKL	23.40 318 eP	25 39.86 0.5	DMU	55.62 37 eP	30 06.80 -0.5		19.504 N ± 3.3km 64.571 W ± 2.8km	
	eS	29 50.50	RES	57.65 351 eP	30 22.50 1.0		DEPTH = 24.0 ± 6.2 km	
HRV	23.76 347 eP	25 42.89 0.0	MFF	58.68 47 eP	30 29.80 0.6		5.4mb (60 obs.) 4.9Msz (22 obs.)	
	0.7s 43.64nm	5.1mb	EPF	58.83 51 eP	30 31.20 0.9		VIRGIN ISLANDS (91)	
MCWV	24.07 330 (P)	25 44.80 -1.1		0.7s 7.40nm	4.9mb		Felt on St. Croix, St. John and	
	Z 21s 5.10um	5.0Msz	TIC	59.17 94 P	30 32.60 -0.4		St. Thomas. Also felt in ports	
RSNY	26.40 344 eP	26 09.31 1.5	LIC	59.30 94 P	30 33.40 -0.5		of Puerto Rico.	
	0.9s 7.14nm	4.3mb		Z 20s 0.26um	4.4Msz		LPR	1.71 226 iP 53 17.30 0.1
	Z 19s 1.66um	4.6Msz	LPO	59.50 49 eP	30 35.40 0.5		CPD	1.94 221 iP 53 21.00 0.6
	eS	31 18.70		1.4s 24.40nm	5.1mb		SJG	2.04 227 iP 53 22.10 0.1
TYNO	26.89 335 P	26 12.79 0.5	KIC	59.52 94 P	30 35.00 -0.4		APR	2.29 243 iP 53 26.00 0.5
ACTO	27.39 335 P	26 16.52 -0.4		0.6s 11.50nm	5.2mb		PORP	2.43 234 iP 53 27.60 0.1
CBM	27.60 355 (P)	26 14.69 -4.0X	RJF	59.76 48 eP	30 36.90 0.2		LRS	2.47 241 iP 53 27.70 -0.4
	Z 19s 2.08um	4.7Msz		0.9s 8.50nm	4.9mb		MGP	2.81 238 iP 53 32.90 0.0
ELC	27.91 315 eP	26 20.91 -0.8		Z 18s 0.32um	4.5Msz		NEV	3.03 141 eP 53 42.82 6.9X
	eS	31 43.06	LSF	59.82 47 eP	30 37.90 0.9		CPB	3.20 125 eP 53 36.49 -1.9
EEO	29.64 340 eP	26 39.50 2.3X	CAF	60.14 49 eP	30 40.30 1.0		BPA	3.55 133 ePc 53 42.00 -1.5
MIAR	29.76 306 P	26 50.00 11.7X		1.2s 18.45nm	5.1mb			S 54 23.00
	Z 20s 2.16um	4.8Msz	TCF	60.29 47 eP	30 40.50 0.2		MGH	3.56 141 eP 53 45.50 1.9
UYO	30.29 305 iPd	26 43.20 0.1		0.6s 3.45nm	4.7mb		PAG	4.42 141 eP 53 55.82 0.0
LNO	31.95 307 eP	26 58.50 1.0	AVF	61.10 47 eP	30 45.70 0.0			S 54 46.50
TUL	31.96 307 eP	26 58.70 1.0		1.2s 14.00nm	5.0mb		DOG	4.45 140 eP 53 56.23 -0.1
	0.8s 16.80nm	5.0mb	SSF	61.21 46 eP	30 47.20 0.7		MGG	4.73 138 eP 53 59.50 -0.6
	Z 20s 0.82um	4.4Msz		1.4s 14.40nm	4.9mb		FDF	5.76 145 eP 54 13.71 -1.1
	LR	36 10.00	SMF	61.43 47 eP	30 47.90 -0.1		CRM	5.88 143 eP 54 15.59 -0.8
MEO	33.71 304 iPc	27 11.60 -1.3		1.1s 11.50nm	4.9mb		BIM	5.98 145 eP 54 17.19 -0.7
WMOK	33.85 304 eP	27 11.53 -2.6X	LOR	61.46 46 eP	30 47.90 -0.3		MVM	6.05 144 eP 54 18.64 -0.2
	0.4s 5.81nm	4.9mb		1.1s 7.35nm	4.7mb		SLW	6.47 147 eP 54 24.85 0.1
	Z 20s 3.24um	5.0Msz		Z 20s 0.68um	4.8Msz		SVB	6.97 152 eP 54 33.93 2.2
ACO	34.76 307 e(P)	27 21.30 -0.8	LBF	61.53 46 eP	30 49.40 0.6		GRW	7.82 159 eP 54 54.01 10.3X
SIV	35.35 174 iPc	27 30.20 3.0X		1.1s 9.50nm	4.8mb		CUM	8.99 177 eP 55 02.00 2.0
ZOBO	35.64 186 P	27 29.20 -1.1	NAO	66.16 31 P	31 18.80 0.1		TPR	9.04 156 eP 55 03.67 3.0X
	Z 19s 1.77um	4.8Msz		1.5s 28.70nm	5.1mb		TCE	9.17 162 eP 55 07.72 5.3X
	S	33 04.00	GRF	66.35 43 ePc	31 21.60 1.5		TRN	9.32 160 eP 55 04.35 -0.1
	LR	40 04.00		Z 18s 0.70um	4.9Msz		TBH	9.58 159 eP 55 11.10 3.0X
LPB	35.88 186 P	27 31.00 -1.1		e	31 32.30		TPP	9.62 161 eP 55 13.04 4.5X
	Z 16s 4.04um	5.3MszX	BALM	67.28 329 eP	31 24.77 -1.2		TOV	10.90 208 eP 55 27.10 0.9
	LR	40 14.00	KHC	67.92 44 eP	31 17.00 -13.1X		SDV	12.08 210 eP 55 31.30 -11.1X
CNCB	36.14 185 P	27 33.70 -0.8		Z 18s 1.00um	5.1Msz		BMG	14.86 215 iPd 56 14.00 -5.1X
ULM	39.53 328 eP	28 04.00 2.1		N 18s 0.10um			BOG	17.45 213 eP 56 53.50 1.1
ALO	40.00 302 eP	28 06.14 -0.1		E 18s 1.00um				iS 00 14.00
	0.9s 11.02nm	4.6mb					ECO	17.76 238 iP 56 54.91 -1.1
GLD	40.29 309 P	28 20.00 11.5X					UPA	17.86 236 iP 56 56.52 -0.7
	Z 19s 0.98um	4.7Msz					HBF	19.46 317 eP 57 09.83 -6.7X
GOL	40.38 309 eP	28 10.52 1.1						e 57 20.85
	0.5s 0.69nm	3.7mb X	GEC2	68.02 44 P	31 30.20 -0.6		SGS	19.71 317 (P) 57 18.90 -0.4
RSSD	41.04 316 eP	28 14.72 0.1		0.6s 1.28nm	4.2mb			i 57 25.09
	0.4s 1.13nm	4.0mb	BRG	68.03 42 e(P)	31 26.60 -4.1X			eS 00 48.54
	Z 21s 1.17um	4.7Msz	PRU	68.47 43 eP	31 35.00 1.5		LHS	20.74 319 eP 57 29.05 -0.9
PV10	42.77 306 eP	28 29.20 0.2	KLU	69.00 329 eP	31 35.00 -1.6			e 57 38.64
TUC	43.18 297 eP	28 33.36 1.2	FBA	69.72 333 (P)	31 39.60 -1.2			eS 01 05.80
	2.8s 175.13nm	5.3mb		0.8s 5.56nm	4.6mb		CEH	20.74 325 eP 57 29.60 -0.3
	Z 20s 1.06um	4.7Msz	ZST	70.34 45 eP	31 43.00 -1.9			0.3s 203.55nm 6.0mb
SRU	44.07 307 eP	28 39.15 -0.3	PMR	70.53 330 P	31 50.00 4.2X			Z 19s 2.01um 4.5Msz
FCC	44.75 339 eP	28 46.00 1.6		Z 17s 1.44um	5.3MszX			i 57 39.59
MSU	45.21 305 eP	28 48.54 -0.1	SLKM	71.16 329 (P)	31 47.89 -1.8			eS 01 03.02
VAO	45.54 157 (P)	28 54.00 2.9X	IMA	72.07 335 eP	31 53.80 -1.4		JSC	20.88 318 eP 57 30.36 -1.1
DUG	46.03 307 eP	28 55.02 0.0	SDF	72.64 24 eP	32 01.00 2.6X			i 57 40.66
	1.1s 10.84nm	4.7mb	UZH	73.69 44 eP	32 05.20 0.4		CBN	21.70 332 iPc 57 40.30 0.6
ARUT	46.06 304 eP	28 54.09 -1.3	SVW	73.70 330 eP	32 02.48 -2.2			e 58 03.00
HVU	46.36 310 eP	28 57.17 -0.4		0.9s 15.86nm	5.0mb		CVL	22.03 330 eP 57 45.31 2.4
HHA1	46.45 312 eP	28 59.05 0.7	MLR	76.80 46 eP	32 26.00 3.2X			e 57 55.93
LCCM	46.84 315 eP	29 01.40 0.0	OBN	80.51 35 eP	32 46.00 3.4X			eS 01 40.58
PLM	48.36 298 eP	29 13.17 -0.3		Z 20s 1.10um	5.2Msz		PSO	22.07 216 eP 57 42.50 -1.5
GSC	48.45 300 eP	29 14.21 0.2	BCAO	82.09 88 iPc	32 53.00 1.3		BLA	22.43 325 ePd 57 47.96 0.9
PEC	48.64 298 eP	29 15.85 0.4		0.5s 8.00nm	5.0mb			1.2s 120.77nm 5.2mb
	0.8s 4.77nm	4.6mb		ic	33 18.70			e 58 03.41
TNP	49.06 304 eP	29 18.83 0.0	HON	86.13 291 P	33 20.00 8.1X			eS 01 43.03
	0.6s 3.38nm	4.6mb		Z 19s 0.36um	4.8Msz		NAV	22.71 325 eP 57 48.63 -1.2
RTPR	49.46 182 e(P)	29 19.20 -2.3	NNT	144.66 27 ePKP	40 22.20 14.0X			e 58 06.68
ISA	49.83 301 P	29 30.00 5.4X		e	12 25.00			eS 01 57.23
	Z 18s 1.57um	5.1Msz	ARMA	145.49 244 iPKPd	40 10.80 1.4		LVNJ	22.96 340 (P) 57 52.12 0.0
BONR	49.90 304 (P)	29 24.83 -0.6	CN8	146.12 235 ePKP	40 12.60 2.3			i 58 08.29
NEW	50.97 317 eP	29 31.88 -1.2		0.4s 15.00nm				eS 02 01.33
	1.0s 37.05nm	5.3mb	CAN	146.40 235 ePKP	40 12.60 1.9		TKL	23.35 317 eP 57 56.74 0.7
CMB	51.54 304 P	29 50.00 12.4X	TOO	148.14 229 ePKP	40 18.00 4.6X			i 58 14.89
	Z 19s 1.23um	4.9Msz		0.3s 13.00nm				eS 02 16.03
MDZ	52.15 185 iP	29 46.00 3.9X	RMO	148.54 251 iPKPd	40 19.30 5.0X			

HRV	23.68	347 (P)	58 00.33	1.2	LCCM	46.81	315 eP	01 18.30	0.0		1.1s	26.35nm	5.3mb	
	1.2s	149.36nm		5.4mb	CYA	47.68	181 iPd	01 22.00	-3.1X	AVF	61.01	47 eP	03 00.80	-1.6
Z	21s	2.49um		4.7Msz	TPNV	48.15	302 eP	01 30.32	1.3		1.2s	53.55nm	5.5mb	
		e	58 18.83				2.71um		5.2Msz	SSF	61.12	46 eP	03 01.50	-1.7
		eS	02 13.07		PLM	48.35	298 iPc	01 31.35	0.7		1.1s	36.15nm	5.4mb	
MCWV	24.01	330 (P)	58 05.02	2.7X	GSC	48.43	300 ePc	01 31.56	0.4	SMF	61.34	47 eP	03 03.20	-1.5
	0.4s	103.13nm		5.7mb	PEC	48.63	298 eP	01 32.95	0.4		1.2s	55.35nm	5.6mb	
Z	21s	4.52um		4.9Msz		2.0s	100.44nm		5.5mb	LOR	61.37	46 eP	03 03.10	-1.8
		e	58 24.62		TNP	49.04	304 eP	01 36.72	0.8		1.1s	28.35nm	5.3mb	
		e	02 13.35			1.7s	74.08nm		5.4mb	Z	20s	1.05um	5.0Msz	
EMM	25.28	355 eP	58 14.51	0.0	RTPR	49.55	182 e(P)d	01 37.00	-2.5	LBF	61.44	47 eP	03 03.50	-1.9
MIM	25.93	353 eP	58 20.27	-0.3	ISA	49.82	301 P	01 50.00	8.2X		1.3s	29.25nm	5.3mb	
RSNY	26.32	344 eP	58 24.80	0.6		Z	18s	1.65um	5.1Msz	DAG	61.68	11 eP	03 05.70	-0.8
	1.4s	50.77nm		5.0mb	BONR	49.88	304 eP	01 43.26	0.8		1.0s	20.00nm	5.2mb	
		eS	03 28.01		MTUM	50.03	303 eP	01 43.72	0.2	SNF	61.79	43 iPd	03 08.99	1.4
TYNO	26.82	335 P	58 29.80	1.0	MEMM	50.35	303 eP	01 50.25	4.6X	UCC	61.86	42 P	03 08.00	0.0
LDN	27.32	333 P	58 33.85	0.5	NEW	50.93	317 ePd	01 48.94	-1.1	DOU	61.97	43 P	03 08.20	-0.6
ACTO	27.32	335 P	58 34.65	1.2		0.8s	46.65nm		5.5mb	VITF	62.82	45 P	03 13.76	-0.8
DLA	27.35	332 P	58 33.45	-0.1	CMB	51.53	303 P	02 00.00	5.3X	ENN	62.85	42 eP	03 14.50	-0.1
ELF	27.50	333 P	58 35.50	0.5		Z	19s	1.61um	5.1Msz		1.0s	36.00nm	5.5mb	
CBM	27.51	355 (P)	58 33.87	-1.2	MDZ	52.25	185 i(P)	01 59.30	-0.8	WLF	62.96	44 P	03 17.00	1.6
	1.7s	75.15nm		5.1mb	ORV	52.52	305 ePd	02 01.95	-0.2	HAU	63.06	45 eP	03 14.60	-1.6
Z	19s	2.13um		4.7Msz			e	02 13.95			1.2s	24.70nm	5.2mb	
		e	58 38.05	-0.4	PEL	52.67	186 eP	02 02.00	-1.2	Z	20s	0.75um	4.9Msz	
ELC	27.87	315 eP	58 43.15	-1.6	VAL	53.05	39 eP	02 08.20	2.5	BNI	63.32	49 P	03 21.10	3.1X
OLY	28.56	309 eP	58 48.43	-0.6	EVAL	53.08	57 eP	02 07.30	1.0	LPL	63.35	48 eP	03 17.60	-0.7
FVM	29.05	315 (P)			EPLA	53.76	54 eP	02 12.00	0.7		1.1s	19.55nm	5.2mb	
	2.0s	127.25nm		5.3mb	EJIF	54.06	59 eP	02 15.00	1.5	LPG	63.36	48 eP	03 17.80	-0.7
		e	59 31.76		EPRU	54.27	58 eP	02 17.50	2.4		1.2s	26.50nm	5.2mb	
EEO	29.57	340 eP	58 56.50	2.9X	YKA	54.88	334 eP	02 17.70	-1.4	BSF	63.36	46 P	03 17.84	-0.4
MIAR	29.73	306 P	59 10.00	14.8X		0.9s	15.70nm		5.0mb	LOMF	63.39	46 P	03 17.34	-1.1
Z	20s	2.43um		4.8Msz	MAL	54.92	58 iPc	02 21.00	1.2	WIT	63.39	40 eP	03 21.00	2.9X
UYO	30.27	305 iPc	58 59.00	-1.0	PAB	55.06	55 eP	02 22.00	1.1	SIT	63.39	325 P	03 30.00	11.9X
LNO	31.93	307 eP	59 13.30	-1.2	DCN	55.17	38 eP	02 21.30	0.0		Z	19s	2.41um	5.4Msz
TUL	31.93	307 eP	59 14.10	-0.5		0.8s	71.00nm		5.7mb	WTS	63.45	41 eP	03 18.50	0.0
	1.4s	88.60nm		5.5mb	DCN	55.17	38 eP	02 32.70	11.4X		0.9s	29.00nm	5.4mb	
Z	18s	0.94um		4.5Msz		0.9s	86.00nm			MOF	63.59	46 P	03 18.43	-1.3
		LR	08 14.00		GUD	55.27	54 eP	02 24.80	2.3	ECH	63.61	45 P	03 18.79	-1.0
PPM	32.12	275 (P)	59 16.50	-0.5	DMU	55.52	37 eP	02 23.60	-0.3	BNS	63.64	42 ePc	03 22.50	2.6
OCO	33.07	306 iPc	59 24.30	-0.2		0.7s	70.00nm		5.8mb	CDF	63.69	45 P	03 19.47	-0.9
MEO	33.69	304 iPc	59 29.20	-0.7	DMU	55.52	37 eP	02 35.20	11.3X	WLS	63.74	45 P	03 19.13	-1.5
WMOK	33.83	304 ePd	59 30.29	-0.9		0.8s	119.00nm			DIX	63.81	48 ePc	03 20.70	-0.7
	1.5s	59.08nm		5.3mb	DLF	55.59	38 eP	02 23.90	-0.4	LIBD	63.91	45 P	03 20.83	-0.8
Z	20s	3.64um		5.1Msz	EGUA	55.60	58 eP	02 28.00	3.2X	FEL	64.18	46 P	03 22.28	-1.4
		e	59 39.40	0.4	ECOG	55.61	58 eP	02 27.00	2.1	TNS	64.45	43 ePd	03 26.60	1.3
ACO	34.74	307 iPc	59 47.30	2.2	EVIA	56.47	56 eP	02 33.00	1.9			ec	03 36.70	
SIV	35.44	174 iP	59 44.90	-3.4X	ECRI	56.62	51 eP	02 34.90	2.8X	SLE	64.51	46 ePc	03 25.40	-0.3
ZOBO	35.74	186 P	59 48.00	-2.1	ENIJ	56.69	58 eP	02 36.00	3.4X	VAI	64.76	48 P	03 25.70	-1.6
LPB	35.98	186 iP	59 50.00	-2.4	ETOR	56.87	54 eP	02 36.50	2.5	TMA	64.82	47 ePc	03 27.70	-0.2
CNCB	36.24	186 iPc	05 26.10		RES	57.57	351 eP	02 38.00	-0.2	LLS	64.88	47 ePc	03 28.70	0.4
		i	00 04.00	-7.3X	EKA	57.98	36 P	02 41.00	-0.3	OSS	65.68	47 ePc	03 33.40	0.0
BAO	38.54	154 e(P)	00 06.00			0.8s	20.40nm		5.2mb	NAO	66.06	31 P	03 35.30	0.0
		e	00 07.80		LPF	58.11	45 eP	02 41.20	-1.2		1.0s	19.70nm	5.2mb	
		e	00 13.50			1.0s	31.20nm		5.3mb	GRF	66.25	43 eP	03 36.90	0.1
		e	00 16.00		GRR	58.27	45 eP	02 42.40	-1.1	Z	18s	1.20um	5.1Msz	
		e	00 28.00			1.1s	51.55nm		5.5mb			e	03 47.90	
		e	00 37.00		FLN	58.56	44 eP	02 44.50	-1.0	MOX	66.47	42 eP	03 38.00	-0.1
		e	00 39.00			1.2s	80.05nm		5.7mb		2.2s	71.00nm	5.4mb	
		e	00 54.50			Z	19s	0.80um	4.9Msz	WTTA	66.66	46 iPc	03 39.90	0.2
		e	01 15.20		MFF	58.59	47 eP	02 45.00	-0.8	BALM	67.22	329 ePc	03 41.55	-1.3
		e	01 18.90			1.3s	86.30nm		5.7mb	CLL	67.31	42 eP	03 45.00	1.5
		e	01 23.10		EPF	58.74	51 eP	02 46.30	-0.7			e	03 56.00	
		e	01 29.10			1.3s	89.55nm		5.7mb	KHC	67.82	44 P	03 46.50	-0.3
ULM	39.48	328 ePd	00 20.70	2.1	LDF	58.78	44 eP	02 46.00	-1.1		1.3s	14.50nm	5.0mb	
ALQ	39.99	301 ePc	00 23.62	0.3		1.1s	53.00nm		5.6mb	Z	18s	1.20um	5.2Msz	
	1.6s	78.30nm		5.2mb	LFF	59.10	49 eP	02 48.30	-1.1	N	18s	0.10um		
Z	14s	1.94um		5.1MszX		1.3s	62.45nm		5.6mb	E	18s	1.10um		
GLD	40.26	309 P	00 40.00	14.5X	TIC	59.13	94 P	02 49.00	-1.0			i	03 49.10	
Z	19s	1.63um		4.9Msz		1.0s	21.00nm		5.2mb			e	03 58.40	
GOL	40.35	309 P	00 40.00	13.7X	LIC	59.26	94 P	02 50.00	-0.9	KBA	67.84	46 iPc	03 46.60	-0.5
Z	19s	0.15um		3.9MszX		0.9s	14.50nm		5.1mb			i	04 01.80	
RSSD	41.00	316 ePc	00 31.30	-0.2		Z	20s	0.28um	4.4Msz	GEC2	67.93	44 P	03 46.70	-0.8
	1.0s	8.51nm		4.4mb	LPO	59.41	49 eP	02 50.50	-1.0		0.7s	3.07nm	4.5mb	
TUC	43.17	297 eP	00 50.16	0.8		1.3s	53.05nm		5.5mb			pP	03 55.00	27kmX
	1.6s	95.71nm		5.3mb	KIC	59.49	94 P	02 51.80	-0.7			sP	03 58.90	
Z	18s	0.99um		4.8Msz	RJF	59.67	48 eP	02 52.00	-1.3	BRG	67.93	42 iP	03 47.20	-0.2
FCC	44.68	339 eP	01 04.00	3.0X		1.3s	78.35nm		5.7mb		1.4s	36.00nm	5.3mb	
MSU	45.19	305 ePd	01 06.56	0.8		Z	18s	0.52um	4.7Msz			i	03 58.50	
VAO	45.61	157 eP	01 08.00	-0.9	LSF	59.72	47 eP	02 52.40	-1.3	PRU	68.38	43 P	03 50.30	0.1
MBO	45.72	89 eP	01 11.50	1.6		1.2s	45.80nm		5.5mb	KLU	68.94	329 ePd	03 51.92	-1.6
DUG	46.01	307 eP	01 11.88	-0.2	CAF	60.04	49 eP	02 54.90	-1.0	KSP	69.41	42 ePc	03 57.20	0.6
	1.5s	29.88nm		5.0mb		1.8s	187.30nm		5.9mb	FBA	69.66	333 eP	03 56.32	-1

28d 20h

SRO 71.10 45 iP 04 07.90 1.1
 OJC 71.71 42 eP 04 10.50 0.0
 CRP 71.95 329 eP 04 10.30 -1.6
 CP2 72.00 329 ePd 04 11.36 -0.9
 IMA 72.00 335 eP 04 11.30 -0.8
 1.5s 48.60nm 5.3mb
 BGL 72.07 329 (P) 04 11.67 -0.8
 PSZ 72.14 45 e(P) 04 14.60 1.4
 SPC 72.16 43 eP 04 16.20 2.8X
 KEV 72.42 21 eP 04 15.00 0.7
 SDF 72.54 24 iP 04 16.80 1.7
 UZH 73.59 44 ePc 04 22.80 1.3
 1.3s 44.00nm 5.3mb
 SVW 73.64 330 eP 04 19.04 -2.6X
 0.8s 26.84nm 5.3mb
 MNK 75.72 38 eP 04 34.00 0.3
 MLR 76.71 46 ePc 04 41.00 1.4
 VRI 77.14 46 eP 04 44.00 2.1
 CLI 77.34 45 eP 04 45.00 2.0
 SDN 77.48 324 P 04 50.00 6.5X
 Z 19s 1.56um 5.3msz
 OBN 80.41 35 eP 05 00.00 0.6
 1.5s 77.00nm 5.5mb
 BCAO 82.05 88 iPd 05 09.10 0.3
 1.0s 25.00nm 5.2mb
 HON 86.14 291 P 05 40.00 10.7X
 Z 20s 0.24um 4.6msz
 PYA 88.64 43 eP 05 27.00 -14.1X
 16 10.00
 NRI 89.21 9 iPd 05 43.50 0.2
 1.4s 23.00nm 5.3mb
 SVE 91.26 27 eP 05 57.00 4.0X
 LZH 123.64 11 ePKP 11 47.00 0.8
 Z 17s 0.49um 5.2msz
 GKN 124.16 33 PKP 11 48.60 1.1
 KKN 124.66 33 PKP 11 49.60 1.1
 DMN 124.72 33 PKP 11 49.60 0.9
 GUN 124.87 32 PKP 11 50.00 0.9
 PKI 124.91 33 PKP 11 49.60 0.5
 XAN 126.40 7 PKP 11 50.80 -0.7
 CHG 138.63 24 ePKP 12 15.30 0.3
 BRS 144.95 250 ePKP 12 23.00 -2.9X
 ARMA 145.56 244 iPKPd 12 28.10 1.1
 CNB 146.21 235 ePKP 12 29.10 1.2
 1.1s 49.00nm
 CAN 146.49 235 ePKP 12 29.40 1.1
 BWA 147.23 236 ePKP 12 31.00 1.5X
 TOO 148.24 229 ePKP 12 36.00 5.0X
 0.5s 12.00nm
 RMO 148.61 251 ePKP 12 36.80 4.9X
 SNG 149.74 30 ePKP 12 38.20 4.3X
 CMS 150.18 240 ePKP 12 39.70 5.6X
 IPM 152.19 32 ePKPc 12 45.00 7.4X
 STK 153.47 237 ePKP 12 47.00 8.1X
 0.8s 3.20nm
 WRA 162.19 265 PKP 12 50.50 1.0
 1.3s 1.50nm
 S.D. = 1.1 on 198 of 241 obs.
 DEC 28, 1992 20h 24m 43.54 ± 0.16s
 3.701 S ± 3.4km 128.055 E ± 4.7km
 DEPTH = 110.7km (4 depth phases)
 5.2mb (36 obs.)
 SERAM, INDONESIA (272)

AAI 0.14 84 iPc 24 59.00 -1.3
 1s 25 03.60
 MKS 8.69 260 iPd 26 51.20 3.2X
 MTN 9.58 162 iPc 27 01.10 1.0
 0.3s 386.00nm 6.7mb X
 1s 28 54.00
 DAV 11.00 347 eP 27 14.20 -4.8X
 BIP 11.98 351 eP 27 33.00 1.1
 TSM 12.91 308 eP 27 44.80 0.8
 KKM 15.28 309 ePc 28 15.50 0.8
 0.8s 96.90nm 5.1mb
 WB2 17.27 160 iPc 28 38.20 -1.2
 1s 28 47.20
 1s 31 42.30
 MDG 17.74 96 eP 28 46.30 1.3
 PGP 18.49 338 eP 28 54.00 0.1
 MBL 19.11 204 eP 28 43.00 -17.4X

0.4s 32.00nm
 OCP 19.49 339 eP 29 16.00 11.5X
 PMG 19.80 108 eP 29 07.50 -0.2
 0.8s 31.34nm 4.7mb
 OIS 20.18 147 iPc 29 10.70 -0.9
 ASPA 20.64 165 iPc 29 16.60 0.3
 0.4s 790.10nm 6.4mb X
 1s 33 00.70
 eScP 36 48.30
 iScS 40 28.50
 BCP 21.30 340 eP 29 22.00 -0.9
 BAG 21.31 340 eP 29 23.00 -0.1
 CVP 22.14 344 ePc 29 31.00 -0.2
 NANU 22.33 212 eP 29 33.60 0.6
 0.5s 39.00nm 5.0mb
 CTA 24.08 134 P 29 53.79 3.7X
 MEEK 24.53 201 iPd 29 54.00 -0.3
 0.4s 70.00nm 5.5mb
 KGM 25.37 283 eP 30 04.00 1.8
 FORT 26.93 180 eP 30 15.80 -0.5
 0.4s 50.00nm 5.4mb
 COOL 27.81 193 eP 30 23.20 -1.1
 0.5s 22.00nm 5.0mb
 PPI 27.82 276 ePd 30 25.50 1.0
 MRWA 27.84 203 eP 30 24.00 -0.6
 0.3s 3.00nm 4.4mb
 IPM 28.23 287 ePd 30 28.70 0.5
 0.8s 103.70nm 5.5mb
 BAL 28.83 201 eP 30 33.00 -0.5
 0.4s 12.00nm 4.9mb
 OIZ 28.84 322 eP 30 30.50 -3.1X
 KLB 29.39 198 eP 30 37.00 -1.4
 0.4s 8.00nm 4.8mb
 MUN 30.25 200 eP 30 45.00 -1.0
 STK 30.78 157 iPc 30 50.60 -0.1
 0.5s 123.20nm 5.9mb
 CMS 32.31 151 iPd 31 04.60 0.6
 NNT 32.46 300 ePd 31 06.00 0.4
 ADE 32.64 164 iPc 31 07.30 0.3
 LOE 33.39 310 eP 31 14.30 0.7
 KHT 34.49 303 iPd 31 24.00 0.9
 ARMA 34.67 143 iPd 31 25.30 0.7
 BDT 35.44 307 iPd 31 31.10 0.1
 0.8s 77.90nm 5.6mb
 BFD 35.87 160 iPc 31 35.10 0.6
 0.8s 140.00nm 5.9mb
 BWA 35.96 151 iPc 31 37.20 1.9
 CHG 36.36 309 ePd 31 39.20 0.3
 1.0s 50.00nm 5.4mb
 GYA 36.43 327 iPd 31 40.00 0.5
 0.8s 16.00nm 5.0mb
 CAN 36.96 151 iPc 31 44.70 1.0
 CNB 37.13 151 eP 31 46.00 0.8
 0.3s 12.00nm 5.3mb
 TOO 37.30 157 iPc 31 48.30 1.7
 0.5s 106.00nm 6.0mb
 KMI 37.75 321 Pd 31 52.00 1.3
 1.5s 70.00nm 5.3mb
 Z 11s 0.80um 4.8msz
 pP 32 17.70 113km
 sP 32 28.00
 MAT 41.14 12 eP 32 29.00 10.6X
 DZM 41.45 120 iPc 32 21.10 -0.1
 CD2 41.50 328 eP 32 21.60 0.2
 XAN 41.65 336 P 32 21.60 -1.0
 Z 20s 0.73um 4.6msz
 N 14s 0.36um
 TAU 42.64 159 iPc 32 32.00 1.5
 TIY 43.68 342 eP 32 38.00 -1.1
 Z 18s 1.70um 5.0msz
 BJI 44.88 347 eP 32 49.50 1.0
 LZH 45.60 332 eP 32 54.50 -0.1
 Z 20s 0.65um 4.6msz
 N 18s 0.86um
 pP 33 21.30 116km
 LSA 48.49 316 Pd 33 18.40 0.7
 0.7s 5.00nm 4.5mb
 GTA 50.17 331 eP 33 30.00 0.1
 GUN 51.34 310 Pd 33 38.88 -0.5
 0.6s 36.00nm 5.5mb
 PKI 51.53 310 Pd 33 39.96 -0.8
 KKN 51.74 310 Pd 33 41.52 -0.7
 0.6s 18.00nm 5.2mb
 DMN 51.78 310 Pd 33 42.02 -0.5
 0.7s 22.00nm 5.2mb
 KOD 52.24 286 eP 33 56.00 9.8X
 GKN 52.34 310 Pd 33 45.94 -0.6

GBA 53.08 290 P 33 50.50 -1.5
 HYB 53.15 295 eP 33 51.20 -1.3
 QRZ 54.40 139 P 34 01.80 0.5
 0.5s 24.00nm 5.4mb
 BWZ 54.78 144 eP 34 04.40 0.4
 THZ 55.12 140 eP 34 05.50 -1.1
 LTZ 55.25 141 P 34 06.90 -0.6
 0.5s 19.00nm 5.3mb
 BSZ 55.50 137 eP 34 10.10 0.8
 KHZ 55.86 140 P 34 10.90 -0.9
 0.4s 11.00nm 5.2mb
 PGZ 56.79 137 P 34 16.00 -1.7
 0.4s 19.00nm 5.5mb
 CIT 56.84 349 eP 34 19.00 0.3
 PUZ 57.08 134 eP 34 19.80 -0.8
 NOZ 57.14 134 eP 34 20.50 -0.5
 ZAK 57.94 342 eP 34 22.00 -4.3X
 1.2s 6.00nm 4.5mb
 WMQ 59.59 327 P 34 37.50 -0.5
 1.6s 7.00nm 4.5mb
 Z 16s 0.83um 5.0msz
 pP 35 03.50 106km
 MOY 59.80 341 eP 34 40.00 0.9
 BOD 62.36 352 iPc 34 54.70 -1.6
 0.8s 10.00nm 4.8mb
 CSY 63.67 188 eP 35 04.40 -0.5
 0.6s 23.90nm 5.3mb
 YAK 65.55 1 iPc 35 15.80 -1.1
 i 35 43.00 109km
 MGD 66.07 12 eP 35 20.00 -0.4
 1.0s 30.00nm 5.2mb
 Z 16s 1.00um 5.1msz
 N 16s 1.00um
 e 35 55.00 145kmX
 BRVK 74.33 328 eP 36 09.00 -1.5
 MAIO 75.12 309 eP 36 16.00 0.5
 TIK 75.20 0 eP 36 14.00 -1.1
 0.7s 18.00nm 5.0mb
 i 36 23.00 29kmX
 e 36 54.00
 NRI 77.83 347 iPd 36 29.20 -0.7
 1.0s 15.00nm 4.8mb
 SVE 80.95 329 ePd 36 52.00 5.1X
 SPA 86.32 180 iPc 37 13.70 -0.5
 0.7s 28.13nm 5.4mb
 IMA 88.61 24 eP 37 25.89 0.7
 1.0s 4.00nm 4.5mb
 YKA 105.64 25 ePd 38 43.20 0.9
 0.7s 0.40nm 4.6mb
 YKA 105.64 25 ePKP 42 53.90 -1.0
 0.6s 0.40nm
 KIC 132.92 275 PKP 43 49.20 0.7
 e 47 04.00
 TIC 133.19 276 PKP 43 49.80 0.8
 LIC 133.20 275 PKP 43 49.70 0.7
 CYA 145.37 158 ePKP 44 10.50 -0.2
 VAO 153.02 190 ePKP 44 31.00 8.4X
 CNCB 154.19 143 PKP 44 26.00 1.0
 LPB 154.33 142 ePKP 44 25.00 0.0
 ZOBO 154.49 142 PKPc 44 26.20 0.7
 1.0s 15.00nm
 SIV 158.45 155 PKPc 44 35.90 6.1X
 i 45 10.00
 BAO 160.39 191 e(PKP) 44 26.00 -6.0X
 e 45 08.90
 S.D. = 0.9 on 88 of 101 obs.
 * DEC 28, 1992 21h 16m 07.03 ± 1.74s
 19.775 N ± 13.1km 64.696 W ± 17.7km
 DEPTH = 20.3 ± 8.2 km
 4.1mb (1 obs.)
 VIRGIN ISLANDS (91)

LPR 1.83 217 iP 16 37.10 -0.7
 CPD 2.08 214 iP 16 40.80 -0.6
 APR 2.33 236 iP 16 45.50 0.6
 LRS 2.51 234 iP 16 47.80 0.3
 PORP 2.51 227 iP 16 47.20 -0.3
 MGP 2.87 233 iP 16 52.80 0.3
 SIV 35.72 174 eP 23 07.00 0.5
 YKA 54.59 334 eP 25 35.70 -0.3
 0.7s 1.40nm 4.1mb
 S.D. = 0.7 on 8 of 8 obs.
 DEC 28, 1992 21h 59m 07.86 ± 0.39s
 39.304 N ± 3.4km 28.817 E ± 4.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.8 (ISK). Felt at Kutahya.

DST	0.34	334	iPg	59	14.60	-0.2
KCT	1.01	340	iPn	59	27.60	0.6
ALT	1.04	103	iPn	59	27.40	-0.1
BNT	1.26	327	iPn	59	31.00	-0.2
EDC	1.27	325	iPn	59	32.00	0.5
			iSg	59	48.00	
YLV	1.33	19	iPn	59	33.10	0.6
IZM	1.51	234	iPn	59	33.60	-1.5
GPA	1.51	49	iPn	59	33.80	-1.2
GBZT	1.56	18	ePn	59	35.40	-0.2
			iPg	59	38.00	
			iSg	59	59.80	
ISK	1.77	6	iPn	59	39.40	0.7
CIN	1.79	199	eP	59	40.00	0.9
EZN	2.00	286	iPn	59	41.90	-0.1
BCK	2.31	142	iPn	59	46.30	-0.3
DMK	2.64	343	ePn	59	51.00	-0.2
ELL	2.69	161	ePn	59	53.00	0.9
KAS	4.31	60	eP	00	29.50	14.5X
MLR	6.54	342	ePc	00	46.50	0.0
VRI	6.74	347	eP	00	49.50	0.2
CLI	7.33	352	eP	00	57.00	-0.5

S.D. = 0.7 on 18 of 19 obs.

? DEC 28, 1992 22h 44m 55.07± 3.06s
39.213 N ±23.7km 28.671 E ±20.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

DST	0.39	355	iPg	45	03.10	0.0
			iSg	45	08.10	
ALT	1.13	98	ePn	45	16.30	0.0
EDC	1.29	331	ePn	45	19.00	0.0
YLV	1.46	22	ePn	45	21.50	0.0

S.D. = 0.1 on 4 of 4 obs.

% DEC 28, 1992 22h 48m 57.06± 2.14s
39.324 N ±17.6km 28.730 E ±15.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.7 (ISK).

DST	0.29	344	iPg	49	02.60	-0.6
			iSg	49	07.60	
KCT	0.97	343	iPn	49	15.60	0.1
ALT	1.11	104	ePn	49	17.80	-0.1
EDC	1.22	327	ePn	49	20.00	0.2
YLV	1.34	22	ePn	49	22.00	0.3

S.D. = 0.5 on 5 of 5 obs.

% DEC 28, 1992 23h 08m 47.03± 2.89s
39.194 N ±20.8km 28.575 E ±18.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

DST	0.41	6	iPg	08	55.50	0.0
			iSg	09	00.50	
KCT	1.07	351	iPg	09	06.50	-0.6
ALT	1.20	96	ePg	09	09.40	-0.1
EDC	1.28	335	ePn	09	11.00	0.3
YLV	1.50	24	iPn	09	14.50	0.4

S.D. = 0.6 on 5 of 5 obs.

DEC 28, 1992 23h 19m 35.09± 0.56s
19.449 N ± 3.3km 64.609 W ± 3.1km
DEPTH = 28.0 ± 4.5 km
4.9mb (44 obs.) 4.7Msz (24 obs.)

VIRGIN ISLANDS (91)

LPR	1.65	227	iP	20	03.00	0.4
CPD	1.87	222	iP	20	06.50	0.7
SJG	1.98	228	iP	20	07.50	0.2
APR	2.24	244	iP	20	11.20	0.2
PORP	2.37	234	iP	20	13.00	0.1
LRS	2.41	242	iP	20	13.20	-0.3
MGP	2.75	239	iP	20	18.50	0.2
CPB	3.20	124	eP	20	25.41	0.8
MGH	3.54	140	eP	20	29.68	0.1
PAG	4.40	140	eP	20	42.17	0.4
			S	21	33.73	
DOG	4.44	140	eP	20	42.47	0.2
FDF	5.74	144	eP	21	00.20	-0.5

CRM	5.85	142	eP	21	01.50	-0.8
SVB	6.94	152	eP	21	20.23	2.7X
GRW	7.78	158	eP	21	33.89	4.4X
TCE	9.13	162	eP	21	51.94	3.9X
MORO	9.25	203	eP	21	53.00	3.2X
			eS	23	32.20	
TRN	9.28	160	eP	21	51.39	1.2
TPP	9.58	161	eP	21	55.36	1.1
OLLA	9.61	193	eP	21	54.40	-0.4
TOV	10.83	208	eP	22	12.10	0.5
SDV	12.01	210	eP	22	28.10	0.4
BMG	14.80	215	iPd	22	59.00	-5.5X
BOG	17.38	213	eP	23	37.00	-0.8
			iS	27	03.00	
CEH	20.76	325	eP	24	15.77	-0.5
	0.4s	95.85nm			5.5mb	
Z	21s	1.62um			4.4Msz	
			i	24	24.50	
			eS	27	46.88	
CBN	21.74	332	eP	24	26.00	-0.1
			e	28	11.00	
PSO	22.01	216	eP	24	29.00	-0.5
HRV	23.73	347	eP	24	43.62	-2.0
	0.9s	59.40nm			5.1mb	
Z	18s	1.25um			4.4Msz	
			i	25	05.40	
MCWV	24.04	330	eP	24	49.46	0.7
	0.6s	78.86nm			5.4mb	
Z	20s	1.83um			4.6Msz	
			i	25	09.82	
			S	29	13.69	
RSNY	26.36	344	eP	25	09.01	-1.6
	0.6s	15.67nm			4.8mb	
Z	20s	1.43um			4.5Msz	
			eS	30	15.90	
TYNO	26.85	335	P	25	15.50	0.4
LDN	27.35	333	P	25	19.75	0.0
			S	30	39.70	
ACTO	27.36	335	P	25	20.00	0.2
DLA	27.38	332	P	25	19.30	-0.6
			S	30	39.70	
ELF	27.53	333	P	25	21.60	0.2
			S	30	43.80	
CBM	27.56	355	P	25	30.00	8.4X
Z	19s	1.97um			4.7Msz	
MIAR	29.74	306	P	25	50.00	8.7X
Z	19s	1.88um			4.7Msz	
UYO	30.27	305	iPd	25	45.70	-0.4
LNO	31.93	307	eP	25	59.70	-0.9
TUL	31.94	307	eP	25	59.80	-0.9
	1.0s	22.30nm			5.0mb	
Z	18s	0.68um			4.4Msz	
			LR	35	27.00	
OCO	33.07	306	iPc	26	10.70	0.1
MEO	33.69	304	iPc	26	15.00	-1.0
WMOK	33.83	304	eP	26	16.18	-1.0
	0.9s	12.83nm			4.9mb	
Z	21s	3.05um			5.0Msz	
SIV	35.39	174	P	26	34.60	3.9X
ZOBO	35.68	186	P	26	32.00	-1.9
Z	18s	1.77um			4.9Msz	
			S	32	16.00	
			LR	39	06.00	
LPB	35.92	186	P	26	34.00	-1.6
Z	16s	3.37um			5.2MszX	
			SKS	34	36.00	
			LR	39	14.00	
CNCB	36.18	185	P	26	37.00	-1.0
ARE	36.32	191	e(P)	26	48.00	9.1X
BAO	38.51	154	Pc	26	52.00	-5.1X
			e	26	54.00	
			e	26	59.30	
			e	27	02.90	
			e	27	06.70	
ULM	39.50	328	ePd	27	06.70	1.8
ALO	39.99	301	eP	27	09.33	-0.1
	0.9s	18.78nm			4.8mb	
Z	21s	1.71um			4.9Msz	
			eS	28	44.77	
GLD	40.26	309	P	27	20.00	8.4X
Z	19s	1.24um			4.8Msz	
GOL	40.36	309	eP	27	11.91	-0.5
	1.0s	2.24nm			3.9mbX	
Z	20s	0.26um			4.1Msz	
RSSD	41.01	316	eP	27	17.80	0.1
	0.8s	3.31nm			4.1mb	
PV10	42.75	306	eP	27	31.99	-0.1

PV09	42.85	306	eP	27	33.36	0.4
TUC	43.17	297	eP	27	36.52	1.2
	1.3s	34.01nm			4.9mb	
SRU	44.05	307	eP	27	41.89	-0.7
FCC	44.72	339	eP	27	49.50	2.2
MSU	45.19	305	eP	27	52.35	0.6
VAO	45.57	157	eP	27	54.70	0.0
DUG	46.01	307	eP	27	57.81	-0.3
	0.8s	6.21nm			4.6mb	
HVU	46.34	310	eP	28	00.28	-0.4
GLA	46.62	297	eP	28	03.52	0.6
LCCM	46.82	315	eP	28	04.70	0.3
CYA	47.62	181	ePd	28	08.50	-2.2
TPNV	48.15	303	eP	28	16.73	1.7
	0.8s	14.20nm			5.0mb	
PLM	48.35	298	eP	28	17.74	1.1
GSC	48.43	300	ePc	28	17.80	0.7
PEC	48.62	298	eP	28	19.21	0.6
	1.0s	7.91nm			4.7mb	
RTPR	49.50	182	ePc	28	23.70	-1.4
ISA	49.82	301	eP	28	27.38	-0.4
	1.0s	7.63nm			4.7mb	
Z	18s	1.11um			4.9Msz	
MEMM	50.35	303	(P)	28	33.98	2.3
NEW	50.95	317	eP	28	35.08	-1.1
	0.8s	47.15nm			5.5mb	
BCH	51.10	300	(P)	28	43.10	5.5X
CMB	51.53	303	P	28	50.00	9.3X
Z	19s	1.14um			4.9Msz	
MDZ	52.19	185	i(P)	28	45.50	-0.2
ORV	52.52	305	eP	28	47.93	-0.3
			e	29	00.88	
PEL	52.62	186	eP	28	53.30	4.4X
WDC	53.41	307	P	29	00.00	5.3X
Z	22s	0.72um			4.7Msz	
KMPM	54.60	306	eP	29	04.23	0.7
YKA	54.91	334	eP	29	03.50	-1.9
	0.9s	12.90nm			5.0mb	
PAB	55.12	55	eP	29	10.00	2.6
DCN	55.23	38	eP	29	07.70	-0.1
DMU	55.58	37	eP	29	10.20	-0.2
RES	57.61	351	eP	29	24.50	0.0
EKA	58.04	36	P	29	29.00	1.2
	0.8s	6.30nm			4.7mb	
GRR	58.34	45	eP	29	29.70	-0.3
	0.7s	9.15nm			5.0mb	
MFF	58.65	47	eP	29	32.20	-0.1
	1.1s	26.35nm			5.2mb	
EPF	58.80	51	eP	29	34.40	1.0
	1.1s	26.35nm			5.3mb	
LDF	58.85	44	eP	29	33.30	-0.3
	1.2s	50.60nm			5.5mb	
TIC	59.17	94	P	29	35.80	-0.5
LIC	59.29	94	P	29	36.70	-0.4
Z	20s	0.22um			4.3Msz	
KIC	59.52	94	P	29	38.40	-0.3
RJF	59.73	48	eP	29	39.20	-0.6
	0.8s	9.25nm			5.0mb	
Z	18s	0.30um			4.5Msz	
LSF	59.79	47	eP	29	39.70	-0.4
	1.0s	16.80nm			5.1mb	
CAF	60.11	49	eP	29	42.90	0.5
	1.0s	13.80nm			5.0mb	
TCF	60.26	47	eP	29	43.00	-0.4
	0.7s	7.40nm			4.9mb	
MAF	60.51	47	eP	29	44.30	-0.7
	0.9s	6.20nm			4.7mb	
8GF	60.71	47	eP	29	45.90	-0.5
	0.9s	9.50nm			4.9mb	
AVF	61.07	47	eP	29	48.00	-0.8
	0.7s	5.75nm			4.8mb	
SSF	61.18	46	eP	29	49.00	-0.6
	1.1s	14.40nm			5.0mb	
SMF	61.40	47	eP	29	50.50	-0.6
	0.7s	3.40nm			4.6mb	
LOR	61.43	46	eP	29	50.50	-0.8
	1.3s	24.20nm			5.2mb	
Z	19s	0.55um			4.7Msz	
LBF	61.50	46	eP	29	50.80	-1.1
	1.1s	7.55nm			4.7mb	
DAG	61.74	11	eP	29	52.80	-0.1
	1.2s	12.50nm			4.9mb	
ENN	62.91	42	eP	30	03.50	2.5
	0.8s	6.00nm			4.8mb	
HAU	63.13	45	eP	30	01.50	-1.1
	1.1s	13.45nm			5.0mb	
Z	20s	0.38um			4.6Msz	

28d 23h

SIT	63.42	325 P	30 10.00	5.7X
Z	19s	0.60um		4.8Msz
BSF	63.43	46 eP	30 03.50	-1.2
	0.8s	3.10nm		4.5mb
WTS	63.51	41 eP	30 05.00	0.0
	1.0s	7.00nm		4.7mb
CDF	63.75	45 eP	30 06.10	-0.7
	0.9s	7.70nm		4.8mb
NAO	66.12	31 P	30 21.80	0.0
	1.2s	18.60nm		5.1mb
GRF	66.32	43 eP	30 22.40	-0.8
Z	18s	0.40um		4.7Msz
	e		30 33.80	
KHC	67.89	44 eP	30 31.50	-1.7
	e		30 42.50	
	e		31 03.00	
GEC2	67.99	44 iPc	30 33.40	-0.6
	0.6s	0.73nm		4.0mb
	e		30 36.10	
	e		30 37.50	
	e		30 40.20	
	e		30 50.50	
BRG	67.99	42 eP	30 34.30	0.5
PRU	68.44	43 eP	30 37.70	1.1
FBA	69.69	333 eP	30 42.53	-1.4
	1.1s	11.13nm		4.9mb
ZST	70.31	45 e(P)	30 46.40	-1.6
PMR	70.50	330 (P)	30 48.14	-0.8
	0.7s	5.74nm		4.8mb
Z	19s	1.40um		5.2Msz
	e		30 56.40	3.1X
SRO	71.16	45 eP	30 58.40	1.5
OJC	71.78	42 eP	30 56.59	-1.7
IMA	72.03	335 eP		4.8mb
	1.2s	12.51nm		
	e		31 07.26	
	e		31 13.21	
SPC	72.22	43 eP	31 01.80	2.0
MLR	76.77	46 ePc	31 28.00	2.0
OBN	80.48	35 eP	31 47.00	1.2
	1.0s	14.00nm		4.9mb
Z	20s	0.50um		4.9Msz
	e		31 55.00	
	e		32 03.00	
BCAO	82.08	88 iPc	31 56.10	1.1
	1.0s	10.00nm		4.8mb
	id		32 11.50	
HON	86.12	291 P	32 20.00	4.7X
Z	18s	0.23um		4.6Msz
GKN	124.23	33 PKP	38 36.80	3.2X
KKN	124.73	33 PKP	38 35.60	1.0
DMN	124.79	33 PKP	38 37.80	3.0X
PKI	124.97	33 PKP	38 36.40	1.2
ARMA	145.51	244 iPKPd	39 14.50	1.6
	0.8s	30.00nm		
CNB	146.15	235 iPKPc	39 16.00	2.2
	0.4s	16.00nm		
CAN	146.43	235 ePKP	39 15.90	1.7
TOO	148.17	229 ePKP	39 21.00	4.1X
	0.4s	9.00nm		
RMO	148.56	251 iPKPd	39 23.00	5.2X
	0.5s	14.00nm		
CMS	150.12	240 ePKP	39 25.00	5.0X
STK	153.41	237 ePKP	39 32.20	7.4X
	0.7s	3.20nm		
S.D. = 1.1 on 116 of 140 obs.				
* DEC 29, 1992 00h 01m 44.25±0.83s				
38.797 N ±10.7km 142.620 E ±10.7km				
DEPTH = 33.0km (normal)				
4.1mb (5 obs.) 4.3Msz (1 obs.)				
NEAR EAST COAST OF HONSHU, JAPAN(228)				
OFUJ	0.79	291 iPd	01 57.70	-1.3
	S		02 07.20	
YAMJ	2.12	254 P	02 18.20	0.1
	S		02 44.30	
AOMJ	2.47	316 eP	02 24.30	1.3
	S		02 54.70	
MAT	4.16	239 eP	02 49.00	1.9
	eS		03 00.00	
ASAJ	5.32	0 eP	03 03.10	-0.3
SSE	19.15	253 Pc	06 06.50	-1.0
	1.2s	15.00nm		4.1mb
Z	20s	0.50um		4.0Msz
TIY	23.68	277 eP	06 55.20	1.4
Z	18s	0.85um		4.3Msz
E	14s	0.57um		

GYA	32.48	259 iPd	08 12.60	-1.4
	0.6s	7.60nm		4.8mb
YKA	61.81	31 eP	12 01.20	-0.6
	0.8s	0.40nm		3.6mb
GBA	62.31	265 P	12 04.00	-1.7
ASPA	62.67	189 eP	12 07.30	-0.6
	1.0s	4.30nm		4.5mb
GEC2	81.71	329 Pd	14 01.10	0.4
	0.7s	0.66nm		3.7mb
ZOBO	144.97	59 ePKP	21 21.00	0.2
LPB	145.17	59 ePKP	21 15.00	-5.9X
CNCB	145.44	59 PKP	21 23.00	1.5
S.D. = 1.3 on 14 of 15 obs.				
DEC 29, 1992 01h 25m 43.91±1.01s				
2.403 N ±3.5km 126.658 E ±5.8km				
DEPTH = 73.4 ±9.3 km				
5.2mb (47 obs.)				
NORTHERN MOLUCCA SEA (266)				
MNI	2.05	242 ePd	26 19.00	2.1
	eS		26 49.00	
DAV	4.78	347 eP	27 02.00	7.0X
BIP	5.80	356 ePd	27 09.50	0.2
	eS		28 14.00	
KKM	11.02	289 ePc	28 24.60	3.6X
BAG	15.15	337 eP	29 14.00	-1.3
MTN	15.79	164 eP	29 20.00	-3.3X
	0.4s	88.00nm		5.3mb
	eS		32 40.00	
CVP	15.93	343 ePc	29 25.00	0.0
QIZ	23.32	316 eP	30 46.50	0.1
	eS		34 50.00	
GZH	24.28	329 iPc	30 56.40	0.8
	0.9s	140.00nm		5.4mb
MBL	24.35	196 eP	30 40.00	-16.4X
IPM	25.67	276 ePd	31 09.50	0.6
QIS	26.11	152 eP	31 16.70	3.8X
ASPA	26.86	165 eP	31 18.40	-1.3
	0.3s	23.60nm		5.2mb
Z	21s	0.20um		3.7Msz
	eS		35 54.50	
NANU	27.09	203 eP	31 22.20	0.5
	0.3s	6.00nm		4.6mb
NNT	28.51	292 eP	31 36.10	1.4
SSE	29.00	350 Pd	31 38.50	-0.4
	1.2s	24.00nm		4.7mb
Z	20s	0.50um		4.1Msz
NST	29.27	298 eP	31 42.50	1.0
CTA	29.49	140 P	31 48.90	5.5X
MEEK	29.90	195 eP	31 46.60	-0.4
KHT	30.30	296 eP	31 51.00	0.3
WHN	30.32	339 eP	31 50.50	-0.1
	1.0s	21.00nm		4.8mb
GYA	30.67	323 P	31 53.40	-0.5
BDT	30.91	300 eP	31 54.50	-1.5
	1.0s	69.00nm		5.3mb
CHG	31.66	303 iPc	32 02.00	-0.6
	0.9s	32.77nm		5.1mb
KMI	32.27	317 Pc	32 07.50	-0.6
	1.7s	110.00nm		5.4mb
Z	30s	1.40um		4.5MszX
FORT	33.02	178 eP	32 13.50	-0.8
MRWA	33.06	197 eP	32 15.00	0.4
	0.4s	4.00nm		4.6mb
COOL	33.52	189 eP	32 16.50	-2.1
BAL	34.17	195 eP	32 24.00	-0.2
TIA	34.78	346 eP	32 31.00	1.6
KLB	34.85	193 eP	32 30.00	0.0
CHJJ	35.37	17 eP	32 32.50	-1.9
XAN	35.57	334 Pd	32 34.70	-1.4
	0.9s	25.00nm		5.1mb
MUN	35.60	195 eP	32 36.50	0.1
MAT	35.61	16 eP	32 35.00	-1.4
	1.0s	44.00nm		5.3mb
CD2	35.67	325 Pd	32 36.30	-0.8
	1.2s	25.00nm		5.0mb
RMO	35.79	145 iPd	32 36.90	-1.2
DL2	36.62	353 eP	32 46.30	1.5
	0.8s	65.00nm		5.6mb
STK	36.93	159 iPc	32 46.80	-0.7
	0.7s	16.40nm		5.1mb
	iPcP		35 08.90	
	iS		38 27.40	
TIY	37.49	341 Pc	32 52.00	-0.3
Z	32s	1.96um		4.7MszX
CMS	38.32	153 eP	32 58.00	-1.2

BJI	38.65	347 eP	33 02.00	0.1
	1.2s	98.00nm		5.6mb
LZH	39.61	330 Pc	33 10.00	-0.1
	1.4s	58.00nm		5.3mb
Z	26s	1.08um		4.6MszX
	pP		33 25.00	59kmX
ARMA	40.41	146 iPd	33 17.00	0.3
	0.5s	15.00nm		5.1mb
HMC	40.63	342 P	33 18.60	0.2
	1.0s	9.30nm		4.6mb
Z	30s	1.25um		4.6MszX
CN2	41.24	359 eP	33 22.60	-0.5
	1.0s	5.80nm		4.4mb
BWA	41.96	153 iPc	33 30.80	1.5
MDJ	42.12	3 eP	33 31.00	0.6
	1.2s	52.00nm		5.2mb
HOOJ	42.50	18 eP	33 35.20	1.7
CAN	42.97	153 iPc	33 37.90	0.4
LSA	43.27	312 Pc	33 41.30	0.8
	1.0s	12.00nm		4.7mb
E	20s	0.87um		
	S		40 04.00	
KUSJ	43.60	19 eP	33 42.90	0.4
ASAJ	43.89	17 eP	33 45.40	0.6
GTA	44.20	330 P	33 47.00	-0.5
	1.0s	5.00nm		4.3mb
Z	30s	1.34um		4.7MszX
GUN	46.45	307 P	34 05.60	-0.3
	0.4s	19.00nm		5.4mb
YSS	46.58	15 eP	34 05.70	-0.4
PKI	46.68	306 P	34 06.80	-0.9
KKN	46.88	307 P	34 08.60	-0.5
	0.8s	39.00nm		5.4mb
DMN	46.94	306 P	34 09.20	-0.5
	0.8s	36.00nm		5.4mb
GKN	47.49	307 P	34 13.00	-0.9
	0.8s	40.00nm		5.4mb
HYB	49.51	291 ePd	34 28.70	-0.7
	1.1s	62.50nm		5.6mb
GBA	49.89	286 P	34 31.00	-1.3
CIT	50.62	350 eP	34 38.40	1.0
ZAK	51.75	341 eP	34 45.80	-0.1
	1.6s	14.00nm		4.7mb
	e		35 59.00	
IRK	53.08	343 eP	34 55.00	-0.8
MOY	53.61	340 eP	35 00.00	0.3
WMO	53.77	326 P	35 00.00	-1.1
	0.9s	21.00nm		5.2mb
Z	32s	0.61um		4.5MszX
NDI	53.79	304 eP	35 01.00	-0.4
UER	56.08	336 ePc	35 16.20	-1.4
BOD				

MOS	0.9s	24.67nm	5.2mb	KGM	19.69	276	ePc	01	42.10	2.4	Z	18s	0.72um	4.5MsZ								
ANN	87.48	326	eP	38	25.00	0.5	MBL	21.26	188	iPc	01	37.70	-17.6X	N	16s	1.36um						
OBN	87.86	315	eP	38	27.50	0.9	IPM	0.7s	162.00nm				PcP	06	31.10							
	0.9s	40.00nm	5.6mb										S	09	33.00							
	88.08	325	eP	38	28.00	0.6	OIZ	22.33	282	ePc	02	07.60	1.8	ADE	37.80	159	iPc	04	24.00	1.3		
	1.0s	35.00nm	5.5mb					0.8s	240.70nm	5.8mb				CMS	38.11	147	iPd	04	25.60	0.3		
HMDT	89.70	302	eP	38	47.00			1.0s	120.00nm	5.4mb				DL2	38.72	358	eP	04	31.50	1.3		
SDOM	89.86	301	eP	38	37.70	2.1	MDG		S	06	09.50				0.8s	65.00nm			5.3mb			
MBH	90.37	300	eP	38	39.90	3.6X	NANU	23.43	103	eP	02	17.70	1.3	Z	12s	0.63um			4.7MsZ			
KAS	90.60	311	eP	38	40.60	1.8		23.56	197	iPc	02	17.30	-0.3		eS	10	08.00					
CLI	94.71	317	eP	39	43.50	3.8X	HKC	0.4s	75.00nm	5.6mb				TIY	38.74	347	Pc	04	31.40	0.9		
				10	22.00			23.74	340	eP	02	22.40	3.1X		1.0s	86.00nm			5.4mb			
VRI	95.20	316	eP	39	05.00	4.4X	GZH		S	06	23.00			Z	22s	0.77um			4.5MsZ			
MLR	95.80	316	ePc	39	10.21	0.9		24.75	339	iPc	02	30.40	1.6	N	17s	0.97um						
				10	21.50			0.8s	140.00nm	5.6mb					S	10	13.00					
UZH	97.65	320	ePc	39	12.80	1.1	ASPA	25.84	156	P	02	39.09	0.2	MAT	39.02	20	eP	04	31.00	-1.8		
	1.0s	28.00nm	5.7mb				OIS	26.16	142	iPd	02	41.20	-0.6		1.1s	45.57nm			5.0mb			
NAO	100.19	333	Pdiff	39	21.90	-1.0	NNT	26.17	299	iPd	02	43.70	1.9	LZH	40.03	336	Pc	04	42.00	0.7		
	0.9s	3.90nm	5.0mb				WARB	26.29	172	eP	02	42.10	-0.8		1.5s	350.00nm			5.7mb			
YKA	100.73	24	ePdiff	39	25.00	-0.2			e	09	26.00				pP	05	23.00			191km		
	1.1s	1.30nm	4.5mb				MEEK	26.82	189	iPc	02	46.10	-1.6		sP	05	43.00					
GEC2	103.07	321	Pdiff	39	39.30	3.2X		0.4s	39.00nm	5.5mb					PcP	06	42.00					
	0.8s	0.50nm	4.3mb				NST	27.35	306	eP	03	01.00	8.5X		S	10	32.50					
RSSD	115.27	38	ePKP	44	19.46	0.3	BSI	28.11	282	eP	03	01.50	2.1		sS	11	43.00					
PEL	145.37	154	iPKPc	45	17.50	1.9			eS	06	09.50				ScS	14	23.00					
MDZ	146.37	156	i(PKP)	45	21.20	3.9X	KHT	28.17	302	eP	03	01.60	1.6	BJI	40.31	352	eP	04	43.50	0.3		
CNCB	159.70	136	PKP	45	40.80	3.9X	BDT	29.11	307	eP	03	08.00	-0.3		1.2s	65.00nm			5.1mb			
LPB	159.80	135	ePKP	45	47.00	10.2X		0.8s	415.30nm	6.2mb				Z	16s	1.24um			4.9MsZ			
ZOBO	159.94	134	PKP	45	39.80	2.6X	MRWA	29.81	192	iPc	03	12.90	-1.4			PcP	06	43.00				
SIV	164.50	151	PKPc	45	48.00	7.0X		0.5s	30.00nm	5.3mb					ScP	10	13.50					
	S.D. = 1.0	on 92 of 110 obs.					CHG	30.05	310	iPc	03	17.70	1.1			eS	10	32.00				
								1.0s	262.50nm	5.9mb				ARMA	40.76	141	iPd	04	48.80	1.6		
DEC 29, 1992 01h 57m 22.58±0.15s							CTA	30.35	133	P	03	18.70	-0.5		0.5s	14.00nm			4.8mb			
0.012 N ± 3.3km 122.914 E ± 4.4km							GYA	30.60	330	iPc	03	22.80	1.4	BFD	41.22	156	iPd	04	51.00	0.2		
DEPTH = 184.8km (5 depth phases)								0.8s	94.00nm	5.6mb					0.5s	22.00nm			5.0mb			
5.4mb (71 obs.)							Z	14s	0.94um	4.6MsZ				SNY	41.63	1	eP	04	52.40	-1.6		
MINAHASSA PENINSULA, SULAWESI (265)							E	12s	0.85um						1.2s	32.00nm			4.8mb			
CENTROID, MOMENT TENSOR (HRV)									0.50um					Z	20s	0.61um			4.5MsZ			
Data Used: GDSN									sP	04	27.00			BWA	41.76	148	eP	04	57.30	2.0		
L.P.B.: 22S, 27C									PcP	06	15.60			HHC	41.93	347	P	04	57.80	1.1		
Centroid Location:									S	08	10.00				1.2s	49.00nm			4.9mb			
Origin Time 01:57:26.2 0.7									ScP	09	40.80			N	10s	0.19um						
Lat 0.07N 0.05 Lon 123.29E 0.07									ScS	13	34.00			E	10s	0.22um						
Dep 183.0 2.6 Half-duration 1.3							COOL	30.77	183	eP	03	20.50	-2.3			pP	05	38.00		185km		
Moment Tensor: Scale 10**17 Nm							SSE	30.96	357	Pc	03	24.00	-0.3			sP	05	59.00				
Mrr= 1.18 0.08 Mtt= 0.09 0.13								1.0s	22.00nm	4.8mb					PP	06	37.00					
Mff=-1.28 0.15 Mrt=-0.20 0.11							Z	20s	0.50um	4.2MsZ					S	11	00.00					
Mrf= 1.12 0.11 Mtf= 0.54 0.11							E	12s	0.40um						sS	12	15.00					
Principal Axes:									S	08	12.00			BTO	42.06	345	eP	04	57.00	-0.8		
T Vol= 1.62 Plg=69 Azm=270							BAL	31.02	190	eP	03	23.00	-1.9		N	17s	0.93um					
N 0.26 6 165								0.4s	44.00nm	5.5mb				E	15s	0.44um						
P -1.88 20 72							WHN	31.44	346	Pd	03	31.00	2.5			S	10	59.00				
Best Double Couple: Ma=1.8*10**17								2.0s	670.00nm	6.0mb				LSA	42.28	317	Pc	05	01.70	1.6		
NP1:Strike=152 Dip=25 Slip= 76									PcP	06	17.00				1.1s	25.00nm			4.7mb			
NP2: 347 66 96							KMI	31.68	323	Pc	03	32.00	1.0	CAN	42.75	148	iPc	05	04.00	0.7		
								1.5s	370.00nm	5.9mb						e	05	37.50		150kmX		
MNI 2.39 54 ePd 58 07.00 2.3								Z	16s	0.70um	4.4MsZ				iPcP	06	52.20					
PCI 3.21 253 iPd 58 16.70 2.2							KLB	31.81	188	eP	03	30.00	-1.8	TOO	42.81	153	iPd	05	05.30	1.5		
								0.4s	16.00nm	5.1mb					1.0s	158.00nm			5.5mb			
							NJ2	32.10	354	Pd	03	36.00	1.8	GTA	44.54	334	P	05	18.50	0.7		
								1.0s	56.00nm	5.2mb					1.0s	86.00nm			5.2mb			
MKS 6.23 213 iPd 58 55.70 2.3									S	08	31.00			Z	20s	0.58um			4.5MsZ			
	1.2s	955.50nm	5.9mb						ScP	09	44.00			E	12s	0.26um						
AAI 6.43 125 ePd 58 58.50 2.4							MUN	32.44	191	eP	03	36.00	-1.3			PP	07	08.00				
							RKG	34.84	189	iPd	03	38.30	-19.5X			ScP	10	31.00				
TSM 6.59 310 iP 59 00.00 1.8							CD2	35.71	331	Pd	04	05.40	0.2			S	11	40.00				
	0.2s	355.90nm	6.3mb					1.0s	160.00nm	5.6mb				MDJ	44.81	7	eP	05	19.00	-0.6		
CTB 7.25 10 eP 59 12.10 5.1X								Z	16s	0.63um	4.5MsZ				1.0s	28.00nm			4.7mb			
DAV 7.51 21 eP 59 15.00 4.6X									PP	05	26.00					S	11	40.00				
	1.3s	2046.15nm	6.3mb						S	09	28.00			GUN	45.04	311	P	05	22.60	0.4		
KKM 8.98 312 iPc 59 34.50 4.8X									S	04	09.40	-0.3		PKI	45.22	310	P	05	23.80	0.2		
	0.7s	149.20nm	5.5mb						i	06	32.20			MRRJ	45.28	19	eP	05	23.70	0.4		
				01	19.40		XAN	36.30	340	P	04	10.80	0.6		KKN	45.44	311	P	05	25.40	0.3	
TGY 14.14 352 ePc 00 44.00 8.0X								1.1s	150.00nm	5.6mb				DMN	45.48	310	P	05	25.80	0.3		
									pP	04	49.30	177km		GKN	46.03	310	P	05	30.00	0.2		
OVP 14.64 353 eP 00 47.00 4.8X									sP	05	11.70			HYB	46.95	294	iPc	05	36.50	-0.5		
OCP 14.64 353 eP 00 46.00 3.7X									S	09	33.00				0.8s	92.30nm			5.3mb			
MTN 15.15 148 eP 00 49.00 0.4									sS	10	48.00					eS	12	12.00				
	0.4s	125.00nm	5.7mb						SS	12	20.00			GBA	47.01	289	P	05	36.10	-1.3		
BAG 16.46 352 ePc+ 01 05.50 0.7							STK	36.31	153	iPc	04	09.90	-0.3	ASAJ	47.30	19	P	05	39.30	0.0		
	1.4s	688.37nm	5.9mb					0.7s	38.60nm	5.2mb				DZM	47.75	120	iPc	05	43.10	0.0		
									iPcP	06	31.00			YSS	49.91	18	iP					

29d 02h

ZAK	52.90	344	eS	13	14.00		DSI	87.89	301	e	13	20.00		TIO	123.66	308	iPKPd	16	00.00	-0.5
	1.4s	46.00nm	iPc	06	20.00	-0.7	ADI	88.05	303	eP	09	52.40	-0.3	ANTZ	126.71	306	iPKPd	16	00.00	-0.2
			e	07	26.20	305kmX	SLKM	88.44	30	eP	09	53.30	-0.2				i		16	08.00
WMQ	53.74	329	eS	13	32.00		RMN	88.51	300	eP	09	55.30	-0.6	KIC	127.38	278	PKPd	16	07.40	-0.5
	1.5s	72.00nm	Pd	06	28.50	0.6	FBA	89.69	25	eP	10	01.74	1.2		1.2s	95.00nm				
Z	24s	0.40um						0.6s	3.68nm			4.5mb		TIC	127.64	278	PKPd	16	08.00	-0.4
			pP	07	17.00	217kmX	KLU	90.55	29	ePDIF	10	04.05	-0.6	LIC	127.68	278	PKPd	16	08.00	-0.5
			PcP	07	30.00		BALM	92.30	29	ePDIF	10	12.69	0.0	WMOK	127.94	44	ePKP	16	07.38	-1.1
			PP	08	32.00		KAF	93.09	332	iP	10	14.40	-1.8	MEQ	128.05	44	iPKPc	16	08.50	-0.1
			ScP	11	09.20			0.5s	5.00nm			4.9mb		TUL	129.30	41	ePKP	16	10.70	-0.2
			S	13	50.00		SLR	94.18	244	iPc	10	22.50	0.3		1.4s	31.90nm				
IRK	54.37	346	ePc	06	31.00	-1.3	BLF	95.89	241	iPc	10	29.00	-1.0	LNO	129.30	41	ePKP	16	10.40	-0.4
			e	07	32.00	279kmX		0.8s	25.00nm			5.6mb		EEO	129.70	20	ePKP	16	14.00	2.6X
MOY	54.71	343	eP	06	34.00	0.1	FRS	96.60	240	iPc	10	21.30	-11.6X	MIAR	131.57	41	ePKPc	16	15.87	0.6
	1.3s	104.00nm						0.7s	23.97nm							iSKP	19	22.23		
UER	56.84	339	iPc	06	48.00	-1.8	UZH	97.01	319	iPc	10	33.00	-1.3	ACTO	131.96	22	PKP	16	15.85	0.1
			i	07	30.00	183km		1.1s	95.00nm			6.1mb		WLVO	132.30	21	PKP	16	16.47	0.1
KSH	58.08	318	iPd	07	00.00	1.1								TYNO	132.47	23	PKP	16	16.50	-0.2
	1.5s	310.00nm					SPC	98.26	320	eP	10	39.30	-1.0	LMN	133.82	7	ePKP	16	22.00	2.8X
BOD	58.08	355	eP	06	56.20	-2.2	OJC	98.37	321	eP	10	40.00	-0.5	CBN	137.63	24	e(PKP)	16	26.00	-0.7
	1.3s	50.00nm					SRO	99.77	319	eP	10	46.20	-0.7	PEL	144.64	160	iPKPd	16	39.00	-0.3
PRZ	58.15	322	eP	07	01.00	1.5	DAG	100.40	352	ePdiff	10	35.00	-14.0X		1.2s	250.00nm				
	1.6s	330.00nm												MDZ	145.48	162	i(PKP)	16	42.70	2.0
FRU	60.69	321	eP	07	16.00	-0.6	KSP	100.44	322	ePdiff	10	48.70	-1.1	CFA	146.85	162	e(PKP)	16	43.30	0.3
	2.3s	200.00nm												RTLL	147.04	162	ePKPd	16	45.30	2.0
QUE	61.00	305	eP	07	18.50	-0.7	ZST	100.49	319	ePdiff	10	48.30	-1.8	CYA	150.53	164	iPKP	16	49.50	0.7
ELT	61.16	336	iPc	07	18.00	-1.6	NAO	100.60	332	Pdiff	10	48.00	-2.3	VAO	155.12	203	ePKP	16	56.30	0.9
	1.6s	100.00nm														e	17	05.40		
			e	07	58.00	171kmX	BRG	101.87	322	ePdiff	10	55.00	-1.2				e	17	21.40	
			e	09	36.00			1.0s	13.00nm			5.5mb		CNCB	160.15	148	PKP	17	04.00	1.8
			eS	15	19.00		GEC2	102.55	320	Pdiff	10	58.00	-0.6	LPB	160.32	147	PKP	17	04.80	2.6X
THZ	61.26	139	P	07	20.70	0.2		0.8s	1.81nm			4.9mb		ZOBO	160.50	147	iPKPc	17	04.10	1.5
KHZ	61.99	140	P	07	24.90	-0.3	KHC	102.55	321	ePdiff	10	59.90	0.6		1.5s	59.14nm				
YAK	62.06	4	iPc	07	24.90	-0.4	GRF	103.88	322	ePdiff	11	05.00	-0.1	Z	20s	0.10um				
			e	08	03.00	161kmX	BCAO	104.33	275	iPdiff	11	06.20	-1.8	BAO	162.07	210	PKPd	16	59.00	-4.6X
URZ	62.59	134	P	07	28.70	-0.5		0.8s	3.00nm			5.3mb					e	17	47.00	
PGZ	62.99	137	P	07	31.40	-0.5	YKA	104.43	24	ePdiff	11	07.00	-0.2				e	17	53.90	
PUZ	63.34	133	eP	07	33.90	-0.4		0.8s	0.90nm			4.8mb					e	18	44.80	
MGD	63.70	15	ePc	07	35.00	-1.2	BSF	107.25	321	ePKP	15	27.90	-0.7				e	18	52.00	
	1.0s	100.00nm					LOR	109.30	321	iPKPd	15	32.10	-0.2	SIV	163.64	166	iPKPc	17	10.50	5.5X
			e	08	14.00	165kmX		0.7s	3.30nm								i	18	03.30	
			eS	15	50.00		LBF	109.34	321	iPKPd	15	32.10	-0.3							
CSY	66.75	185	eP	07	55.40	-0.1		0.7s	4.65nm											
	0.9s	31.50nm					ORV	109.50	48	ePKP	15	33.25	0.3							
BRVK	68.50	329	iPc	08	05.00	-1.7	SMF	109.55	320	iPKPd	15	32.40	-0.4							
	1.0s	74.00nm						0.8s	4.55nm											
MAIO	68.80	309	iPc	08	08.00	-1.0	SSF	109.61	321	iPKPd	15	32.80	-0.1							
	1.1s	31.80nm						0.8s	11.30nm											
ASH	70.14	311	eP	08	16.00	-1.0	AVF	109.81	321	iPKPd	15	32.90	-0.4							
	1.5s	170.00nm						0.7s	3.40nm											
NRI	73.10	348	iPc	08	31.50	-2.4	BGF	110.22	320	iPKPd	15	34.10	0.0							
	1.0s	78.00nm						0.9s	18.20nm											
			e	08	47.00	56kmX	TCF	110.73	320	iPKPd	15	35.10	0.0	OFUJ	0.57	284	iPd	09	09.70	-0.3
			e	09	17.00			0.9s	10.00nm								eS	09	18.00	
			e	09	41.00		LSF	111.18	321	iPKPd	15	35.60	-0.3	AOMJ	2.24	317	eP	09	35.00	1.3
SVE	75.16	330	iPc	08	45.00	-1.0		0.8s	4.05nm					KAKJ	3.24	213	iPd	09	46.60	-1.4
	1.9s	140.00nm					CAF	111.35	319	iPKPd	15	36.80	0.5				eS	10	23.80	
ARU	76.04	329	iPc	08	49.00	-2.0		1.0s	10.60nm					HOOJ	3.51	11	iP+	09	50.60	-1.1
	1.4s	140.00nm					LPF	112.01	323	iPKPd	15	37.40	0.0				eS	10	30.30	
			e	09	01.00	40kmX		1.0s	19.00nm					CHJJ	3.94	224	P	09	57.50	-0.4
KER	78.29	305	eP	09	03.00	-1.0	LPO	112.02	319	iPKPd	15	37.80	0.3	MAT	4.08	235	iPc	10	01.00	1.2
MAW	78.98	200	iPd	09	07.50	0.6		0.9s	9.00nm								eS	10	50.00	
	1.0s	50.00nm					MFF	112.08	321	iPKPd	15	37.30	-0.3	MTMJ	4.32	238	P	10	04.60	1.3
GRO	80.71	314	eP	09	15.00	-0.7		0.8s	11.15nm					IIDJ	4.96	227	P	10	14.80	2.5X
	1.0s	220.00nm					LFF	112.21	320	iPKPd	15	38.20	0.3				S	11	13.70	
PYA	82.69	314	iP	09	25.00	-1.8		0.8s	11.30nm					MDJ	11.10	305	eP	11	38.50	1.1
	1.5s	130.00nm					LCCM	113.76	39	ePKP	15	41.40	0.3		1.0s	28.00nm				5.4mb
			i	10	32.00	283kmX	GSC	114.35	51	iPKPd	15	43.66	1.2	SSE	19.01	252	Pd	13	18.00	-0.5
NAI	86.11	269	iPc	09	46.00	1.2	FCC	114.58	20	ePKP	15	44.50	2.5X		1.0s	53.00nm				4.7mb
	1.0s	2284.00nm					HVU	114.93	43	ePKP	15	44.00	0.5	TIA	20.18	270	eP	13	30.30	-1.8
ANN	86.87	315	eP	09	47.00	-0.5	DUG	115.55	45	ePKP	15	45.12	0.4	BJI	20.23	281	eP	13	30.00	-2.6
	0.7s	50.00nm					MSU	116.67	46	ePKP	15	47.79	0.8	YAK	24.38	345	iPd	14	12.10	-1.4
BRW	86.89	19	eP	09	47.87	0.8														
			eP	10	34.40	188km	SRU	117.60	45	ePKPc	15	48.62	-0.1		1.9s	231.00nm				5.4mb
IMA	87.30	24	eP	09	49.44	0.1	PAB	117.91	316	ePKP	15	49.00	-0.1				i	14	20.00	
	0.7s	10.02nm					PV09	118.85	45	ePKP	15	51.85	0.6				e	15	30.00	
			epP	10	38.32	198kmX	RSSD	119.44	37	ePKP	15	51.27	-0.8				i	16	53.00	
MOS	87.33	326	eP	09	48.00	-1.4											e	18	29.00	
			e	13	20.00		ULM	120.02	28	ePKP	15	54.50	1.9	LZH	30.55	277	eP	15	15.00	4.7X
BGL	87.43	29	eP	09	49.34	-0.7	TUC	120.08	52	ePKP	15	54.20	0.7		1.0s	25.00nm				4.9mb
CP2	87.50	29	eP	09	49.71	-0.8	GOL	120.88	42	ePKP	15	55.15	0.1	GYA	32.32	258	P	15	25.60	-0.3
CRP	87.54	29	eP	09	49.51	-1.1														

1.0s	35.00nm	5.1mb	MGP	2.95 236	iP	31 21.20	-0.6	LPR	1.85 212	iP	02 34.50	-1.5
	pP	16 46.00	NEV	3.12 144	eP	31 24.40	0.2	SJG	2.16 215	iP	02 39.20	-1.2
IMA	44.67 31 eP	17 08.70 0.1	MGH	3.66 143	eP	31 31.00	-0.8	APR	2.28 231	iP	02 42.90	0.7
	1.0s	4.85nm			S	32 13.50		LRS	2.47 230	iP	02 45.40	0.6
CP2	45.17 38 eP	17 14.50 1.7	PAG	4.51 143	eP	31 44.20	0.2	PORP	2.49 223	iP	02 44.80	-0.3
PMR	46.65 38 (P)	17 24.70 0.6			S	32 32.00		TOV	11.12 206	eP	04 48.00	1.8
FBA	47.09 33 eP	17 28.79 1.2	SV8	7.09 153	eP	32 26.49	6.1X	SIV	35.85 174	P	09 06.00	0.1
	1.0s	13.50nm	TCE	9.31 163	eP	32 52.30	1.0	YKA	54.42 334	eP	11 32.90	-0.2
GUN	47.75 274 P	17 34.80 1.1	TRN	9.46 161	eP	32 53.54	0.2		0.7s	0.60nm		3.7mb
	0.4s	16.00nm	TBH	9.72 160	eP	32 56.07	-0.9	S.D.	= 1.4	on	8 of	8 obs.
KKN	48.27 275 P	17 39.00 1.4	TPP	9.76 162	eP	32 58.28	0.8					
	0.8s	44.00nm	TOV	11.08 208	eP	33 17.50	1.9	DEC 29, 1992	04h 35m	36.29±0.82s		
PKI	48.27 274 P	17 38.60 0.8	BMG	15.04 215	eP	34 02.00	-6.4X		39.255 N ± 7.2km	28.778 E ± 6.6km		
DMN	48.49 275 P	17 40.40 1.0	BOG	17.62 213	eP	34 43.00	1.3	DEPTH =	10.0km	(geophysicist)		
GKN	48.67 275 P	17 41.60 1.0			eS	38 02.00		TURKEY		(366)		
	0.6s	15.00nm	CEH	20.63 325	(P)	35 16.85	0.6	MD 3.2	(ISK).			
HYB	59.02 268 eP	18 58.00 1.4			e	35 25.91		DST	0.37 342	iPg	35 43.30	-0.6
RES	60.57 15 eP	19 06.50 0.1	C8N	21.58 332	e(P)	35 27.00	1.1		iSg	35 48.30		
	0.9s	5.00nm			e	39 23.00		ALT	1.06 100	iPn	35 56.90	0.6
YKA	61.78 31 eP	19 13.30 -1.5	SIV	35.60 174	Pc	37 35.20	1.3	8NT	1.28 329	ePn	36 01.00	0.9
	0.9s	1.60nm	ZOBO	35.91 186	P	37 40.00	2.8X	EDC	1.30 327	iPn	36 01.00	0.7
GBA	62.13 265 P	19 17.00 -0.7			LR	48 48.00		YLV	1.39 19	iPn	36 01.20	-0.5
ASPA	62.78 189 P	19 21.60 -0.2						IZM	1.46 235	ePn	36 02.20	-0.5
WARB	66.43 195 eP	19 45.00 -0.5	LPB	36.15 186	P	37 35.50	-3.5X	GPA	1.57 48	iPn	36 04.10	-0.2
KAF	66.97 333 eP	19 47.80 -0.7	CNCB	36.41 186	P	37 40.00	-1.4	GBZT	1.62 18	ePn	36 04.40	-0.5
NEW	68.24 45 eP	19 55.79 -1.0	BAO	38.66 154	Pd	37 57.00	-2.8X			eSg	36 28.50	
	1.0s	8.00nm			e	38 00.10		S.D.	= 0.8	on	8 of	8 obs.
APO	72.28 336 eP	20 19.40 -1.6			e	38 03.10						
	0.6s	1.70nm			e	38 13.90		DEC 29, 1992	05h 24m	01.07±0.64s		
LCCM	72.57 45 eP	20 23.10 -0.1	ULM	39.36 328	eP	38 08.50	3.3X		39.989 S ± 5.0km	177.105 E ± 8.0km		
NAO	73.01 337 P	20 24.60 -0.7	ALQ	39.95 301	eP	38 14.00	3.5X	DEPTH =	79.1 ± 10.0 km			
	0.8s	3.60nm	FCC	44.54 338	eP	38 51.00	3.6X	OFF E. COAST OF N. ISLAND, N.Z.	(160)			
KHC	81.32 329 eP	21 11.00 -0.6	ARUT	46.00 304	(P)	38 59.38	-0.2	TEHZ	0.23 270	P	24 12.20	-0.8
		e	LCCM	46.73 315	eP	39 06.20	1.0	TTH	0.50 334	eP	24 13.70	-1.1
		e	PLM	48.33 297	(P)	39 20.14	2.2	WAHZ	0.65 296	P	24 15.40	-0.9
ZOBO	145.06 58 PKP	28 33.90 -0.1	GSC	48.40 300	eP	39 19.95	1.5	MOH	0.86 2	Pd	24 18.60	0.0
LPB	145.26 59 ePKP	28 36.00 1.9	NEW	50.85 317	eP	39 36.40	-0.5	PGZ	0.89 225	Pc	24 20.70	1.7
CNCB	145.53 59 PKP	28 35.60 0.9						PAHZ	1.13 358	P	24 22.00	0.0
SIV	149.26 48 iPKP	28 49.20 9.2X	YKA	54.76 334	eP	40 03.50	-2.3	WHH	1.20 337	P	24 22.70	-0.2
	S.D. = 1.2	on 40 of 43 obs.			1.0s	5.10nm	4.5mb	NGZ	1.42 304	eP	24 26.40	0.6
			DCN	55.00 38	eP	40 08.00	0.4	CNZ	1.44 303	P	24 26.60	0.6
			DMU	55.35 37	eP	40 10.00	-0.2	NOZ	1.55 28	P	24 28.20	0.8
			LIC	59.22 95	P	40 37.60	-0.6	MTW	1.69 226	Pc	24 30.10	0.8
			KIC	59.44 94	P	40 39.30	-0.4	URZ	1.73 0	Pc	24 29.80	0.1
			GEC2	67.76 44	P	41 45.10	11.0X			S	24 49.10	
					0.6s	0.59nm		TAZ	1.81 345	P	24 31.40	0.5
			FBA	69.53 333	eP	41 43.35	-1.3	BLW	1.85 221	eP	24 31.90	0.4
					0.8s	2.96nm	4.5mb	KIW	1.89 242	P	24 33.10	1.1
			IMA	71.87 335	eP	41 58.20	-0.8	CAW	1.91 234	eP	24 32.70	0.4
					1.0s	6.25nm	4.7mb	MOW	2.01 224	eP	24 34.00	0.4
			BCAO	81.98 88	ePc	43 07.50	11.3X	PUZ	2.11 25	eP	24 35.00	-0.1
					1.0s	5.00nm				eS	24 59.70	
			WRA	162.26 266	PKP	50 41.00	3.6X	MRW	2.21 235	P	24 36.80	0.4
					1.0s	0.50nm				S	25 03.00	
					S.D. = 1.1	on 32 of 43 obs.		MOZ	2.32 309	eP	24 37.50	-0.4
								TCW	2.48 240	eP	24 39.80	-0.2
			? DEC 29, 1992 03h 54m 02.63±3.03s					H8Z	2.56 22	eP	24 41.10	-0.1
			32.155 S ±29.5km 70.276 W ±23.2km					KHZ	3.62 227	eP	24 54.70	-1.2
			DEPTH = 120.0km (geophysicist)							S	25 35.80	
			CHILE-ARGENTINA BORDER REGION (127)					LTZ	4.59 231	eP	25 09.00	-0.5
			MD 3.5 (SAN).							eS	25 57.60	
			JACH	0.59 207	iP+	54 21.34	-0.2	MQZ	4.99 220	eP	25 13.70	-1.3
					iS	54 35.55				eS	26 06.50	
			ROCH	1.02 217	iP	54 25.61	0.2	ODZ	6.95 221	eP	25 41.40	-0.8
					iS	54 43.71				eS	26 53.50	
			PEL	1.04 199	iP+	54 25.45	0.0	S.D.	= 0.8	on	26 of 26 obs.	
					iS	54 43.14						
			FCH	1.17 181	iPd	54 27.15	0.1	DEC 29, 1992 05h 41m 40.60±0.43s				
					iS	54 46.02			44.571 N ± 3.7km	7.380 E ± 4.1km		
			PCH	1.48 188	iPd	54 30.49	0.2	DEPTH =	10.0km	(geophysicist)		
					iS	54 52.19		NORTHERN ITALY		(545)		
			TACH	1.59 200	iPd	54 31.68	0.1	ML 2.4 (GEN).				
					iS	54 54.27		DOI	0.12 235	P	41 44.20	0.6
			LCCB	1.71 219	eP	54 33.12	0.2		eSg	41 46.50		
			CHCH	1.80 190	eP	54 33.93	-0.2	PZZ	0.21 252	Pc	41 45.62	0.4
					eS	54 59.18			S	41 48.38		
			LNV	2.03 208	iP	54 36.53	-0.4	BHB	0.28 343	Pd	41 47.10	0.5
					S.D. = 0.3	on 9 of 9 obs.				S	41 50.99	
			? DEC 29, 1992 04h 02m 04.21±2.45s					STV	0.33 187	Pc	41 47.31	-0.1
			19.895 N ±15.3km 64.852 W ±34.0km							S	41 51.26	
			DEPTH = 12.5 ± 8.7 km					ENR	0.35 175	P	41 47.61	-0.2
			3.7mb (1 obs.)							S	41 51.81	
			VIRGIN ISLANDS (91)					ROB	0.45 128	P	41 50.05	0.3
										S	41 55.98	
LPR	1.87 224	iP	31 05.80	-0.6								
CPD	2.10 220	iP	31 09.10	-0.6								
SJG	2.20 225	iP	31 10.40	-0.7								
APR	2.43 240	iP	31 14.00	-0.3								
PORP	2.58 232	iP	31 15.30	-1.2								
LRS	2.60 239	iP	31 16.30	-0.5								

29d 05h

RRL 0.55 310 P 41 51.70 -0.1
S 41 58.90
RSP 0.59 351 P 41 51.78 -0.8
S 41 59.09
FIN 0.70 121 P 41 54.46 0.1
S 42 03.53
IMI 0.76 151 P 41 55.09 -0.3
S 42 04.85
PCP 0.83 92 P 41 56.91 0.2
S 42 08.24

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

* DEC 29, 1992 06h 04m 09.37 ± 0.72s
32.332 N ± 10.0km 141.663 E ± 12.6km
DEPTH = 33.0km (normal)
4.5mb (10 obs.)

SOUTH OF HONSHU, JAPAN (211)

MAT 5.08 327 eP 05 25.00 -0.2
eS 06 23.00
CN2 17.12 317 eP 08 08.20 0.7

1.0s 5.80nm 3.7mb
Z 14s 0.35um 4.4MszX
N 12s 0.24um
E 12s 0.48um

TIY 24.48 291 eP 09 27.20 0.6
Z 15s 0.95um 4.4MszX
HHC 25.52 298 P 09 37.00 0.4
1.4s 9.30nm 4.2mb

BTO 26.64 297 eP 09 47.00 0.0
N 12s 0.23um
E 14s 0.45um

XAN 27.39 283 P 09 52.60 -1.2
1.2s 9.50nm 4.3mb
sP 10 05.00
LZH 31.37 287 eP 10 31.50 2.1
1.0s 15.00nm 4.8mb
Z 10s 0.54um 4.5MszX
E 10s 0.23um

GTA 34.40 294 eP 10 55.00 -0.7
WMO 43.31 301 P 12 11.50 1.7
2.0s 16.00nm 4.4mb

GUN 48.00 280 P 12 47.88 0.2
PKI 48.51 280 P 12 50.18 -1.4
KKN 48.54 280 P 12 51.64 0.0
DMN 48.75 280 P 12 50.96 -2.4
GKN 49.00 281 P 12 55.14 0.0
WB2 52.45 189 iPd 13 20.90 -0.2
0.7s 19.80nm 5.2mb
e 13 35.00

WRA 52.45 189 P 13 21.20 0.1
0.8s 6.00nm 4.6mb
ASPA 56.17 189 eP 13 48.50 0.2
1.1s 7.10nm 4.6mb

WARB 59.93 196 eP 14 15.50 0.9
0.8s 16.00nm 5.2mb
YKA 67.78 29 eP 15 04.20 -1.5
0.8s 1.10nm 4.0mb

LCCM 77.71 43 ePc 16 05.50 0.9
NAO 78.89 338 P 16 20.98 10.4X
1.2s 9.80nm

ZOBO 148.64 66 PKP 23 56.80 4.7X
LPB 148.81 67 PKP 23 58.10 6.0X
CNCB 149.06 67 ePKP 23 58.00 5.3X
SIV 153.73 57 iPKPd 24 12.80 14.0X

S.D. = 1.1 on 20 of 25 obs.

% DEC 29, 1992 06h 27m 23.38 ± 3.30s
39.560 N ± 20.5km 23.935 E ± 15.5km
DEPTH = 5.0km (geophysicist)

AEGEAN SEA (365)

PAIG 0.42 332 ePg 27 31.77 0.0
eSg 27 35.50
OUR 0.77 3 ePg 27 39.02 0.2
LIT 1.24 296 ePg 27 46.98 0.1
eSg 28 02.58

THE 1.30 326 ePg 27 47.94 0.0
eSg 28 03.02
SOH 1.34 341 ePb 27 48.38 -0.2
eSb 28 03.90

SRS 1.58 351 ePb 27 52.10 0.0
eSb 28 10.02
KNT 1.79 334 ePb 27 54.74 -0.3
eSb 28 16.90

GRG 1.82 320 ePb 27 55.98 0.3
eSb 28 17.10

FNA 2.31 303 ePn 28 02.58 -0.2
S.D. = 0.2 on 9 of 9 obs.

DEC 29, 1992 07h 18m 20.38 ± 0.54s
45.341 N ± 4.0km 6.749 E ± 6.1km
DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 2.5 (LDG).

LPG 0.16 1 Pg 18 23.30 -0.9
Sg 18 26.40
LPL 0.18 356 Pg 18 23.30 -1.2
Sg 18 25.90

BNI 0.29 190 Pc 18 25.10 -1.5
eSg 18 30.10
LSD 0.31 68 P 18 27.20 0.3
S 18 33.24

RSL 0.36 346 Pg 18 25.50 -2.3
Sg 18 29.94
RSP 0.41 118 P 18 29.53 0.8
S 18 36.54

RRL 0.42 177 P 18 28.06 -1.0
S 18 34.93
BHB 0.62 144 P 18 32.87 0.0
S 18 43.22

PZZ 0.87 163 P 18 36.72 -0.5
S 18 49.99
DOI 0.91 157 P 18 37.10 -0.7
eSg 18 51.00

ORD 0.91 71 P 18 40.00 2.1
ORX 0.91 71 P 18 38.28 0.3
S 18 51.66
STV 1.17 159 P 18 42.35 0.0

ENR 1.21 157 P 18 42.76 -0.3
ROB 1.32 142 P 18 44.93 0.2
PCP 1.51 121 P 18 47.46 0.0
FIN 1.54 137 P 18 46.68 -1.2

SBF 1.56 161 Pg 18 51.10 2.9X
Sg 19 12.60
IMI 1.65 150 P 18 48.13 -1.4
FRF 1.78 182 Pg 18 53.30 1.9
Sg 19 17.10

LRG 1.91 189 Pg 18 55.30 2.1
SMF 2.41 304 Pg 19 02.00 1.5
Sg 19 30.50
LBF 2.53 311 Pg 19 04.10 1.9
Sg 19 35.00

BGF 2.98 295 Pg 19 12.70 4.1X
Sg 19 47.50
MAF 3.06 288 Pg 19 13.50 3.9X
Sg 19 49.20

S.D. = 1.3 on 22 of 25 obs.

? DEC 29, 1992 08h 17m 18.07 ± 4.94s
33.107 S ± 13.6km 72.244 W ± 36.7km
DEPTH = 12.9 ± 4.3 km

OFF COAST OF CENTRAL CHILE (134)

IHA 0.51 81 iPc 17 29.20 0.8
IS 17 36.70
LCCM 0.67 123 iPd 17 31.22 0.0
IS 17 40.72

ROCH 1.04 83 iPd 17 37.43 -0.2
IS 17 51.97
LNV 1.10 141 iP+ 17 37.78 -0.6
IS 17 52.52

TACH 1.22 117 iP+ 17 40.05 -0.5
IS 17 56.52
PEL 1.31 92 iP+ 17 42.28 0.2
IS 17 59.90

SAN 1.37 105 iP+ 17 42.73 -0.1
IS 18 01.45
JACH 1.45 73 eP 17 43.34 -0.7
IS 18 03.09

PCH 1.54 110 iP 17 45.21 -0.1
IS 18 05.36
CHCH 1.56 122 eP 17 45.45 -0.2
IS 18 05.54

FCH 1.65 98 iPd 17 47.22 0.0
CACH 1.70 127 eP 17 49.10 1.4
eS 18 11.36
MDZ 2.86 86 iP 18 11.10 6.8X
IS 18 48.80

S.D. = 0.7 on 12 of 13 obs.

? DEC 29, 1992 09h 58m 04.06 ± 5.25s

33.103 S ± 12.0km 72.360 W ± 39.4km
DEPTH = 10.0km (geophysicist)

OFF COAST OF CENTRAL CHILE (134)

MD 3.7 (SAN).

LCCH 0.76 119 iPd 58 19.03 0.1
IS 58 28.44
ROCH 1.14 84 iPd 58 25.29 -0.3
IS 58 39.70

LNv 1.16 137 iP+ 58 25.54 -0.2
TACH 1.31 115 iPd 58 28.03 -0.3
IS 58 44.04
PEL 1.41 92 iP+ 58 30.08 0.3
IS 58 47.25

JACH 1.55 75 iP 58 31.49 -0.3
IS 58 50.88
PCH 1.63 109 iP 58 33.36 0.4
CHCH 1.65 121 eP 58 33.05 -0.2
FCH 1.75 98 iPd 58 35.28 0.3
IS 58 57.07

S.D. = 0.3 on 9 of 9 obs.

DEC 29, 1992 10h 23m 10.21 ± 1.29s
35.107 N ± 12.9km 27.857 E ± 8.2km
DEPTH = 60.8 ± 13.1 km
3.9mb (15 obs.)

DODECANESE ISLANDS (369)

KSL 1.73 54 ePn 23 41.00 2.6
NPS 1.84 275 ePn 23 40.50 0.5
ELL 2.34 45 eP 23 47.00 0.0
IZM 3.32 352 eP 24 00.00 -0.9
KHL 3.48 22 eP 24 02.10 -1.0

VLI 4.30 293 ePn 24 06.50 -8.2X
CSS 4.49 90 eP 24 16.00 -1.3
eS 25 05.00
DST 4.53 8 eP 24 18.00 0.1

HRI 6.78 103 eP 24 44.00 -5.5X
KBA 16.18 322 i(P) 26 53.60 -1.4
KHC 17.52 327 P 27 12.00 0.3
1.0s 5.70nm 3.7mb
e 27 16.00

PRU 17.77 331 eP 27 14.50 -0.2
KSP 17.82 335 ePc 27 17.10 1.8
LPG 19.10 309 eP 27 35.40 4.3X
0.5s 2.05nm 3.6mb

LPL 19.12 309 eP 27 35.70 4.5X
0.5s 2.75nm 3.8mb
BSF 20.19 315 eP 27 44.10 1.8
CDF 20.23 317 eP 27 41.80 -0.9
0.7s 3.30nm 3.8mb

SMF 21.42 310 eP 27 54.40 -0.4
0.6s 3.80nm 3.9mb
LBF 21.48 311 eP 27 55.70 0.4
0.6s 3.50nm 3.9mb

LOR 21.67 311 eP 27 57.80 0.6
0.5s 1.70nm 3.7mb
AVF 21.79 310 eP 27 57.80 -0.6
0.7s 2.75nm 3.8mb

SSF 21.80 311 eP 27 57.80 -0.7
1.1s 21.00nm 4.5mb
BGF 22.02 309 eP 28 00.10 -0.6
0.7s 8.05nm 4.3mb

MFF 23.96 307 eP 28 21.10 1.4
0.8s 5.25nm 4.1mb
FLN 24.94 312 eP 28 29.50 0.5
0.6s 6.30nm 4.3mb

LPF 25.02 310 eP 28 29.40 -0.3
0.7s 5.30nm 4.1mb
GRR 25.03 311 eP 28 29.40 -0.5
0.7s 6.50nm 4.2mb

NAO 27.97 342 P 28 55.80 -0.9
0.5s 0.70nm 3.5mb
S.D. = 1.1 on 24 of 28 obs.

DEC 29, 1992 10h 42m 27.89 ± 0.92s
39.492 N ± 8.5km 26.551 E ± 7.7km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.2 (ISK).

EZN 0.38 332 iPg 42 34.80 -0.8
eSg 42 38.80
IZM 1.22 153 ePn 42 50.00 -0.7
EDC 1.32 49 ePn 42 53.00 0.7

BNT 1.36 50 ePn 42 52.00 -0.9
ALN 1.46 345 eP 42 54.50 0.3

29d 10h

eS 43 13.32
KCT 1.58 61 ePn 42 55.00 -1.0
DST 1.61 85 iPn 42 58.10 1.6
OUR 2.15 294 eP 43 05.00 0.8
S.D. = 1.2 on 8 of 8 obs.

% DEC 29, 1992 11h 20m 18.00± 1.31s
41.121 N ± 13.1km 28.702 E ± 6.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

CTT 0.21 277 iPg 20 22.90 0.4
ISK 0.28 101 iPg 20 23.30 -0.5
eSg 20 28.80
YLV 0.75 137 ePg 20 33.40 0.6
KCT 0.91 197 ePn 20 35.90 0.5
EDC 1.00 220 ePn 20 36.00 -1.0
S.D. = 1.0 on 5 of 5 obs.

DEC 29, 1992 11h 41m 07.52± 0.36s
35.980 N ± 3.8km 31.126 E ± 3.4km
DEPTH = 64.2 ± 4.2 km
4.4mb (46 obs.)

CYPRUS REGION (372)
MD 4.1 (ISK). Felt in the
Antalya area, Turkey.

ELL 1.25 308 iPg 41 30.50 1.1
KSL 1.26 277 ePb 41 30.00 0.6
BCK 1.54 344 iPg 41 33.00 -0.3
CSS 2.07 119 eP 41 39.60 -1.0
eS 42 10.60

KHL 2.67 332 iPn 41 49.10 0.1
ADAT 3.57 71 ePn 42 03.20 1.5
iSg 43 03.70

Izm 3.92 309 iPn 42 06.30 -0.3
DST 4.12 332 iPn 42 09.10 -0.4
BHL 4.26 118 Pn 42 10.00 -1.4
Sn 43 04.00

GPA 4.35 352 iPn 42 11.50 -1.2
ADI 4.45 129 eP 42 15.40 1.3
NPS 4.55 263 ePn 42 15.20 -0.3
HRI 4.67 124 eP 42 18.00 0.8
YLV 4.78 344 iPn 42 18.70 -0.1
KCT 4.79 334 iPn 42 17.90 -0.9
GBZT 4.98 345 ePn 42 21.20 -0.3
iSg 43 17.20

MML 5.01 134 eP 42 22.00 0.8
GAZ 5.04 75 ePn 42 21.00 -1.3
BNT 5.05 331 ePn 42 25.00 2.6
PRK 5.05 312 ePn 42 20.00 -2.4
EDC 5.06 330 ePn 42 23.00 0.4
EZN 5.40 317 ePn 42 25.90 -1.4
DSI 5.65 140 eP 42 31.10 0.3
KAS 5.77 20 eP 42 32.50 -0.1
MKT 6.04 145 eP 42 36.40 0.0
HLW 6.11 178 eP 42 35.00 -2.3
eS 43 39.00

ALN 6.32 322 eP 42 50.10 9.9X
KVT 6.39 36 iPn 42 41.00 -0.2
DMK 6.40 337 ePn 42 40.00 -1.3
PRNI 6.49 149 eP 42 42.00 -0.6
OUR 7.11 310 eP 42 52.62 1.5
HQL 7.46 153 eP 42 53.30 -2.8X
eS 43 16.60

AGG 7.62 296 eP 42 58.66 0.3
SOH 7.78 311 eP 43 05.10 4.6X
SRS 7.82 313 eP 43 05.86 4.9X
LIT 7.96 304 eP 43 03.14 0.2
AYN 8.20 148 eP 43 05.30 -0.9
eS 43 26.60

KNT 8.26 311 eP 43 07.70 0.6
GRG 8.45 309 eP 43 10.70 0.9
VAY 8.56 311 eP 43 14.60 3.5X
OHR 9.57 305 eP 43 32.30 7.2X
SKO 9.62 311 eP 43 23.00 -2.8X
MLR 10.28 339 eP 43 38.00 3.2X
VRI 10.42 343 eP 43 37.00 0.4
WAJH 10.82 153 eP 43 43.00 0.9
eS 45 30.00

CLI 10.95 346 eP 43 46.50 2.8
PTJ 15.13 316 iPd 44 43.20 4.4X
SRO 15.17 325 iP 44 44.60 5.4X
SPC 15.42 332 eP 44 47.90 5.3X
AFIF 15.76 135 eP 45 00.00 12.9X
ZST 16.01 324 eP 44 52.10 2.2

OJC 16.43 334 iP 44 57.60 2.4
KBA 17.28 315 iPd 45 07.90 1.9
0.9s 13.60nm 4.1mb
GEC2 18.13 321 Pd 45 16.50 0.1
0.8s 6.51nm 3.9mb

e 45 19.30
e 45 23.20
e 45 28.40
e 45 30.20

WTTA 18.37 314 iPc 45 19.40 0.0
0.8s 10.10nm 4.1mb

KHC 18.38 321 Pc 45 19.00 -0.3
1.0s 9.30nm 3.9mb
e 45 20.10
e 45 36.50

PRU 18.47 324 eP 45 20.00 -0.3
SOTA 18.60 313 iPc 45 22.20 0.1
0.7s 13.60nm 4.3mb

i 45 30.10
BOB 18.66 305 P 45 24.50 1.7
WET 18.74 320 iPd 45 23.00 -0.7
0.8s 42.00nm 4.7mb

OSS 18.99 311 ePd 45 27.80 1.1
VDL 19.32 310 ePd 45 31.30 0.9
BRG 19.35 326 iP 45 28.80 -1.6
1.3s 26.00nm 4.3mb

OBN 19.49 9 eP 45 21.00 -10.9X
1.0s 18.00nm

e 45 22.50
e 45 29.00
i 45 34.00

VAI 19.51 307 P 45 31.30 -0.8
TMA 19.54 308 Pd 45 32.30 -0.4
LLS 19.77 310 ePd 45 34.40 -0.8
ORO 19.94 306 P 45 35.60 -1.2

GRF 19.94 320 iPc 45 35.50 -1.2
0.8s 41.00nm 4.8mb
Z 19s 0.20um 4.6mszX

CLL 20.08 325 iP 45 36.60 -1.5
1.0s 14.00nm 4.2mb

MMK 20.10 307 P 45 40.83 2.2
MOX 20.32 322 eP 45 40.10 -0.5
1.1s 68.00nm 4.9mb

ZLA 20.41 311 P 45 43.63 2.0
DIX 20.47 307 ePd 45 42.20 -0.3
SLE 20.48 312 ePd 45 40.70 -1.6
LPG 20.71 305 eP 45 46.20 1.3

0.7s 20.70nm 4.6mb
LPL 20.72 305 eP 45 46.40 1.4
0.8s 24.60nm 4.6mb

EMS 20.78 306 ePc 45 45.10 -0.4
RSL 20.85 305 P 45 46.43 0.2
CDF 21.50 313 eP 45 51.90 -0.7
0.8s 16.10nm 4.5mb

BSF 21.54 311 eP 45 52.30 -0.8
0.9s 18.65nm 4.5mb
HAU 21.88 311 eP 45 56.00 -0.4
0.7s 10.05nm 4.3mb

WLF 22.73 315 P 46 05.00 0.4
e 46 21.00

MAIO 22.88 81 eP 46 09.00 2.6
SMF 22.99 306 eP 46 07.50 0.2
1.0s 20.80nm 4.5mb

LBF 23.01 307 eP 46 07.40 -0.1
1.0s 10.00nm 4.2mb

LOR 23.18 308 eP 46 08.70 -0.4
0.8s 6.05nm 4.1mb

SSF 23.34 307 eP 46 10.70 0.1
0.8s 11.15nm 4.4mb

AVF 23.35 306 eP 46 10.80 0.1
0.8s 10.35nm 4.3mb

ENN 23.38 317 eP 46 12.00 1.0
1.0s 9.00nm 4.2mb

WTS 23.55 320 eP 46 13.00 0.4
1.0s 26.00nm 4.6mb

BGF 23.62 305 eP 46 13.70 0.4
0.8s 4.05nm 3.9mb

DOU 23.82 315 P 46 15.10 -0.1
0.8s 38.30nm 4.9mb

RJF 24.21 302 eP 46 19.30 0.2
0.6s 9.00nm 4.4mb

LPO 24.31 300 eP 46 20.40 0.3
0.6s 3.95nm 4.1mb

LFF 24.67 301 eP 46 23.70 0.2
0.8s 14.25nm 4.5mb

EPF 24.68 296 eP 46 23.70 0.0
0.8s 7.95nm 4.2mb
NUR 24.90 352 eP 46 23.00 -2.5X
MFF 25.63 304 eP 46 31.10 -1.4
0.8s 6.45nm 4.2mb

LDF 26.13 309 eP 46 34.50 -2.6
0.6s 5.50nm 4.3mb

FLN 26.41 309 eP 46 37.30 -2.4
0.8s 13.15nm 4.5mb

GRR 26.54 308 eP 46 38.60 -2.3
0.8s 9.80nm 4.4mb

LPF 26.57 307 eP 46 38.70 -2.4
0.9s 12.30nm 4.5mb

HFS 26.66 340 eP 46 40.00 -1.8
0.3s 1.70nm 4.0mb

NAO 28.04 339 P 46 52.20 -2.1
0.7s 5.70nm 4.3mb

BCAO 33.47 203 iPc 47 44.00 1.3
0.7s 3.00nm 4.3mb

WMQ 43.36 62 P 49 06.60 1.5
TIC 44.12 237 P 49 12.30 0.9

KIC 44.14 237 P 49 12.40 0.9
LIC 44.43 237 P 49 15.00 1.1
GKN 45.60 84 P 49 23.16 -0.1

0.5s 15.00nm 5.2mb
DMN 46.14 85 P 49 27.64 0.0
0.5s 17.00nm 5.2mb

KKN 46.20 84 P 49 27.82 -0.3
PKI 46.40 84 P 49 29.50 -0.3
DAG 46.41 346 eP 49 27.80 -1.0
0.6s 6.67nm 4.7mb

GUN 46.64 84 P 49 31.76 0.0
0.5s 7.00nm 4.8mb

GTA 53.26 64 eP 50 22.00 0.2
LZH 57.44 67 P 50 52.00 -0.1
1.0s 37.00nm 5.4mb X

HHC 61.10 59 Pd 51 17.10 -0.1
1.0s 9.90nm 4.9mb

XAN 62.08 67 Pc 51 23.00 -0.8
1.0s 14.00nm 5.0mb

TIY 63.03 62 Pc 51 29.80 -0.3
YKA 78.06 345 eP 52 59.40 -1.0
0.7s 2.10nm 4.2mb

IMA 78.21 2 eP 53 01.63 0.3
0.6s 2.83nm 4.4mb

FBA 79.45 360 (P) 53 09.50 1.7
ULM 82.24 329 eP 53 25.00 2.2
PMR 82.77 0 eP 53 25.36 0.0
0.7s 6.38nm 4.7mb

KLU 82.84 359 eP 53 26.35 0.5
BALM 83.18 357 eP 53 27.99 0.3
NEW 91.47 339 eP 54 08.19 0.2
0.8s 9.17nm 5.2mb

S.D. = 1.2 on 115 of 129 obs.

% DEC 29, 1992 11h 55m 09.79± 0.84s
40.512 N ± 8.0km 23.550 E ± 11.9km
DEPTH = 10.0km (geophysicist)

GREECE (364)

SOH 0.34 334 ePg 55 17.21 0.3
eSg 55 22.05

OUR 0.37 118 ePg 55 17.86 0.4
eSg 55 22.30

PAIG 0.59 170 ePg 55 21.42 -0.3
eSg 55 29.46

SRS 0.61 3 ePg 55 23.38 -0.6
eSg 55 30.50

KNT 0.82 323 ePg 55 25.86 0.3
eSg 55 36.50

S.D. = 0.6 on 5 of 5 obs.

DEC 29, 1992 12h 13m 30.88± 0.62s
24.001 N ± 3.5km 122.645 E ± 5.1km
DEPTH = 28.9 ± 4.3 km
4.6mb (23 obs.)

TAIWAN REGION (243)
ML 4.8 (BJI).

TWC 0.95 310 iPc 13 48.30 0.2
eS 14 03.40

TWD 0.96 275 iPc 13 48.40 0.0
eS 14 02.70

TWF1 1.39 243 ePc 13 54.50 -0.1

TWZ 1.46 319 ePd 13 57.00 1.5

TWG 1.86 231 ePc 14 01.00 -0.3

BBP 3.53 190 ePc 14 24.30 -0.9

NANU	60.58	255	eP	55	50.30	0.4
	0.4s		9.00nm			4.4mb
CHG	89.35	290	eP	58	28.10	0.5
LCCM	89.50	40	eP	58	22.40	-5.6X
NAO	138.95	353	PKP	04	39.60	-12.3X
	0.8s		1.60nm			
HFS	139.22	350	ePKP	04	39.70	-12.6X
	0.4s		2.60nm			
EKA	144.90	4	PKPc	04	58.80	-3.5X
	0.7s		3.10nm			
DMU	145.93	8	ePKP	05	01.90	-2.1X
DCN	146.42	9	ePKP	05	03.30	-1.5
DLF	146.57	8	ePKP	05	03.60	-1.5
HRI	146.62	300	ePKP	05	07.60	1.6X
KSP	147.26	342	iPKPd	05	07.40	1.1
ARV1	147.63	295	ePKP	05	10.50	3.0X
CLL	147.68	346	iPKPd	05	07.80	0.9
	1.0s		26.00nm			
			i	05	11.70	
BRG	147.86	345	iPKP	05	08.30	1.1
	0.8s		16.00nm			
RMN	148.13	295	ePKP	05	11.40	3.0X
PRU	148.52	343	PKPd	05	10.40	2.1X
	0.6s		5.60nm			
MOX	148.61	347	ePKP	05	10.60	2.2X
KHC	149.56	344	ePKP	05	13.00	3.1X
	1.0s		5.70nm			
			e	05	20.60	
GRF	149.60	347	iPKPd	05	13.20	3.3X
SNF	149.77	356	PKP	05	13.10	3.0X
GEC2	149.79	343	PKP	05	13.20	2.8X
	0.6s		4.88nm			
			e	05	21.00	
DOU	150.16	355	PKP	05	13.70	3.0X
WLF	150.44	353	PKPc	05	15.00	3.9X
CDF	151.53	351	iPKPd	05	17.10	4.2X
	0.5s		3.50nm			
FLN	151.60	2	iPKPd	05	16.50	3.6X
	0.5s		9.25nm			
LDF	151.78	2	iPKPd	05	16.80	3.7X
	0.5s		6.65nm			
GRR	151.96	3	iPKPd	05	17.50	4.1X
	0.5s		7.95nm			
HAU	152.06	352	iPKPd	05	18.00	4.4X
	0.4s		2.70nm			
BSF	152.17	352	iPKPd	05	18.20	4.3X
	0.4s		1.90nm			
LPF	152.31	3	iPKPd	05	18.30	4.4X
	0.5s		12.40nm			
LOR	153.03	356	iPKPd	05	20.10	5.1X
	0.5s		2.40nm			
SSF	153.26	356	iPKPd	05	20.70	5.4X
	0.5s		1.95nm			
LBF	153.30	356	iPKPd	05	20.60	5.2X
	0.5s		1.45nm			
MFF	153.77	2	iPKPd	05	21.50	5.6X
	0.4s		2.20nm			
BCAO	156.78	229	ePKPc	05	24.10	3.2X
	0.8s		4.00nm			
			ic	05	56.00	
S.D. = 1.1 on 12 of 41 obs.						

&	DEC 29, 1992	13h 49m	31.97s			
	59.521 N		153.645 W			
	DEPTH = 121.6km					
	SOUTHERN ALASKA					(2)
	<AEIC>.					

AUI	0.22	149	eP	49	48.13	0.6
			S	50	01.06	
OPT	0.25	58	eP	49	48.67	1.0
			S	50	00.99	
PDB	0.39	314	iP	49	48.	

29d 13h

DFR 1.18 24 iP 49 55.45 -0.9
 CNPM 1.23 89 eP 49 55.92 -0.9
 eS 50 14.06
 BRK 1.42 79 eP 49 57.60 -1.4
 S 50 17.57
 NKA 1.72 43 eP 50 03.07 0.6
 SEW 2.20 73 eP 50 07.07 -1.4
 MPA 2.36 64 eP 50 09.25 -1.3
 PMS 2.67 48 P 50 13.80 -0.8
 PTE 2.67 58 eP 50 13.18 -1.4
 PWA 2.83 39 P 50 16.10 -0.6
 LTI 2.97 77 iP 50 16.85 -1.8
 PLRM 3.05 45 eP 50 17.55 -2.0
 MTU 3.07 79 P 50 18.10 -1.8
 KNIM 3.09 72 eP 50 17.71 -2.4
 KNK 3.19 51 eP 50 19.07 -2.5
 GHO 3.24 44 P 50 19.70 -2.6
 SML 3.48 46 eP 50 22.60 -2.8
 GLI 3.54 65 eP 50 24.93 -1.3
 HIN 3.70 73 eP 50 26.34 -2.0
 VLZ 3.98 63 eP 50 30.14 -1.9
 KLU 4.30 59 eP 50 33.78 -2.8

32 obs. associated

% DEC 29, 1992 14h 01m 25.23± 0.52s
 42.756 N ± 4.5km 19.158 E ± 4.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).

NKY 0.13 296 iPg 01 29.03 0.5
 iSg 01 32.08
 ITG 0.33 167 iPg 01 32.23 0.1
 iSg 01 38.05
 BRY 0.47 288 iPg 01 34.53 -0.4
 iSg 01 42.28
 BDV 0.53 207 iPg 01 35.85 -0.1
 iSg 01 44.09
 IVA 0.56 78 iPg 01 36.58 0.0
 iSg 01 45.68
 PLE 0.60 17 iPg 01 37.32 -0.1
 iSg 01 46.61
 PVY 0.62 105 iPg 01 37.81 0.0
 iSg 01 47.58
 ULC 0.80 175 iPg 01 40.75 0.1
 iSg 01 52.73

S.D. = 0.3 on 8 of 8 obs.

DEC 29, 1992 14h 50m 43.23± 0.78s
 39.278 N ± 6.2km 20.262 E ± 6.1km
 DEPTH = 5.0km (geophysicist)
 3.8mb (3 obs.)
 GREECE-ALBANIA BORDER REGION (392)
 MD 3.6 (ATH). ML 3.6 (TIR).

IGT 0.26 12 ePg 50 47.05 -1.5
 eSg 50 52.26
 KEK 0.56 321 ePg 50 54.20 -0.3
 eSg 51 01.00
 LSK 0.91 17 ePn 51 00.10 -1.0
 iSn 51 18.90
 TPE 1.03 349 iPnd 51 03.70 0.5
 iSn 51 21.00
 VLS 1.13 167 ePg 51 05.50 0.7
 eSg 51 22.50
 KZN 1.55 48 ePb 51 12.00 0.4
 AGG 1.63 98 ePb 51 12.33 -0.3
 eSb 51 37.21
 FNA 1.73 29 ePb 51 14.73 0.6
 eSb 51 40.10
 OHR 1.88 12 iPn 51 18.30 2.0
 i 51 20.10
 i 51 24.60
 i 51 43.70
 i 51 48.10
 LIT 1.91 64 ePb 51 16.62 -0.1
 eSb 51 43.17
 TIR 2.09 352 ePn 51 21.00 1.7
 eSn 51 50.00
 GRG 2.35 44 ePn 51 23.82 0.7
 eSn 51 54.53
 LACI 2.39 350 ePn 51 24.00 0.3
 iSn 51 26.00
 VAY 2.70 40 iPn 51 28.50 0.5
 PAIG 2.72 75 ePn 51 27.26 -1.1
 KNT 2.76 46 ePn 51 28.01 -0.9
 eSn 52 06.01

KKS 2.80 2 ePn 51 32.50 3.0X
 SOH 2.83 56 ePn 51 30.05 0.1
 SDA 2.83 348 ePn 51 30.50 0.6
 SKO 2.84 18 iPn 51 31.20 1.2
 iSn 52 07.70
 i 52 16.00
 QUR 3.05 69 ePn 51 32.62 -0.4
 SRS 3.14 53 ePn 51 34.50 0.2
 HVAR 4.84 325 ePn 51 57.20 -1.3
 iSn 52 52.70
 GEC2 10.66 336 Pn 53 15.70 -4.0X
 1.0s 0.93nm 4.2mb
 e 53 24.90
 HFS 21.28 351 eP 55 28.20 -4.4X
 0.5s 1.70nm 3.7mb
 NAO 22.36 348 P 55 41.20 -2.1
 0.6s 2.10nm 3.8mb

S.D. = 1.1 on 23 of 26 obs.

? DEC 29, 1992 15h 32m 33.09± 5.76s
 16.604 N ± 50.7km 61.423 W ± 16.7km
 DEPTH = 33.0km (normal)

LEEWARD ISLANDS (92)
 ML 2.8 (FDF).

SEG 0.22 202 iPd 32 39.76 -0.1
 S 32 45.18
 SFG 0.41 148 eP 32 42.40 0.0
 DOG 0.60 198 eP 32 44.64 -0.5
 PAG 0.62 203 eP 32 46.00 0.5
 MGG 0.69 172 eP 32 46.37 0.0
 S 32 56.10

S.D. = 0.5 on 5 of 5 obs.

% DEC 29, 1992 16h 02m 47.94± 0.83s
 40.201 N ± 8.5km 0.912 W ± 8.3km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 mbLg 2.8 (MDD).

ECHE 0.61 184 ePg 03 00.00 -0.3
 eSg 03 08.80
 ETOR 1.07 306 ePg 03 08.00 -0.1
 eSg 03 23.00
 ERQO 1.18 58 ePg 03 09.00 -1.0
 eSg 03 24.60
 EBR 1.24 60 ePg 03 12.00 1.1
 eSg 03 27.00
 EVIA 1.99 219 eP 03 22.40 0.3
 eS 03 46.50
 EGRA 2.04 13 ePn 03 26.00 3.3X
 eSn 03 54.00

S.D. = 1.1 on 5 of 6 obs.

* DEC 29, 1992 16h 15m 16.64± 2.07s
 38.606 S ± 9.6km 178.460 E ± 20.0km
 DEPTH = 42.9 ± 23.7 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

NOZ 0.33 268 Pd 15 24.70 -0.8
 PUZ 0.56 343 Pc 15 27.70 -0.6
 S 15 35.70
 MAHZ 0.74 218 eP 15 32.30 1.6
 HBZ 1.01 353 P 15 35.10 0.5
 URZ 1.12 288 P 15 35.70 -0.3
 S 15 49.30
 PAHZ 1.13 257 P 15 36.40 0.1
 MOH 1.15 242 eP 15 37.30 0.7
 WHH 1.56 259 P 15 42.90 0.4
 TAZ 1.58 283 P 15 43.10 0.5
 WAHZ 1.97 236 eP 15 47.80 -0.4
 MNG 3.05 228 eP 16 01.60 -2.0
 S 16 36.20
 ORZ 5.08 242 eP 16 28.10 -4.2X
 S 17 24.80

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

% DEC 29, 1992 16h 31m 31.12± 2.72s
 15.936 N ± 15.7km 60.737 W ± 28.5km
 DEPTH = 30.9 ± 8.5 km

LEEWARD ISLANDS (92)
 ML 3.1 (FDF).

SFG 0.54 306 ePc 31 42.09 -0.2
 DOG 0.85 277 iPc 31 46.90 0.0
 S 31 57.60
 SEG 0.87 302 iPc 31 47.25 0.1

PAG 0.91 276 ePc 31 47.90 0.1
 CRM 1.19 188 iPc 31 51.51 -0.2
 S 32 06.10
 FDF 1.26 198 iPd 31 52.47 -0.3
 S 32 07.50
 MVM 1.38 186 iPc 31 54.70 0.2
 S 32 11.50
 BIM 1.45 193 eP 31 55.60 0.2
 S 32 12.80

S.D. = 0.2 on 8 of 8 obs.

DEC 29, 1992 17h 11m 49.29± 1.02s
 38.309 N ± 6.1km 142.773 E ± 8.2km
 DEPTH = 43.2 ± 7.0 km
 4.6mb (20 obs.) 4.1Msz (1 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN (228)

OFUJ 1.16 312 iPd 12 09.40 0.1
 YAMJ 2.16 267 P 12 24.20 0.7
 CHJJ 3.77 234 P 12 45.80 -0.6
 MAT 4.04 245 eP 12 51.00 0.8
 0.8s 46.27nm
 eS 13 55.00
 HQJ 4.09 5 eP 12 48.90 -2.0
 eS 13 34.10
 IIDJ 4.81 236 P 13 02.50 1.3
 TSRJ 6.10 245 P 13 20.20 0.9
 KUR 7.89 27 (P) 13 52.50 8.2X
 (S) 15 03.50
 YSS 8.70 360 eP 13 55.00 -0.4
 Z 16s 0.50um
 N 16s 0.50um

VLA 9.55 304 iPc 14 07.00 -0.2
 2.0s 103.00nm 5.6mb X
 CN2 14.17 298 eP 15 09.50 0.4
 0.8s 3.80nm 4.1mb
 Z 16s 0.59um 3.6MszX
 DL2 16.54 279 eP 15 41.00 1.4
 1.0s 89.00nm 4.8mb
 SSE 19.13 254 P 16 10.50 -1.0
 1.0s 22.00nm 4.4mb
 Z 20s 0.50um 3.7Msz
 E 14s 0.40um
 pP 16 19.20 33kmX

NJ2 20.50 260 Pc 16 26.00 -0.1
 E 10s 0.27um
 TIA 20.51 272 eP 16 24.30 -1.9
 Z 18s 0.72um 4.1Msz
 E 12s 0.45um
 BJI 20.67 283 eP 16 24.50 -3.4X
 Z 14s 0.41um 4.0MszX
 MGD 22.40 11 eP 16 45.00 0.0
 0.9s 20.00nm 4.6mb
 e 17 02.00

TIY 23.86 278 eP 16 57.60 -2.0
 Z 15s 0.83um 4.3MszX
 E 19s 0.86um
 HHC 24.13 286 Pc 17 01.20 -1.0
 1.0s 8.50nm 4.2mb
 Z 12s 1.20um 4.6MszX
 N 12s 0.19um
 E 14s 0.89um

CIT 24.51 313 eP 17 07.00 1.3
 YAK 25.07 345 eP 17 08.00 -2.8X
 1.0s 30.00nm 4.8mb
 SEY 25.31 10 eP 17 15.00 1.9
 e 17 24.00
 BTQ 25.32 286 eP 17 13.00 -0.6
 N 13s 0.26um
 E 15s 0.62um

XAN 27.56 272 P 21 34.50
 eS 17 33.50 -0.7
 pP 17 45.80 48kmX
 sP 17 52.60
 ZAK 30.35 306 eP 18 00.50 1.6
 1.0s 11.00nm 4.6mb
 Z 16s 0.69um 4.4MszX
 E 16s 0.87um
 LZH 30.94 278 eP 18 03.50 -1.0
 1.2s 18.00nm 4.7mb
 Z 16s 0.49um 4.3MszX
 E 11s 0.30um
 GYA 32.51 259 P 18 17.60 -0.6
 1.0s 9.60nm 4.6mb
 GTA 33.24 286 P 18 25.00 0.5
 1.0s 9.00nm 4.6mb
 KMI 36.23 261 eP 18 50.00 -0.3

29d 17h

1.0s 40.00nm 5.3mb
 UER 36.25 308 eP 18 49.80 -0.1
 ELT 41.03 310 iPc 19 30.00 0.3
 1.0s 20.00nm 4.8mb
 WMO 41.24 296 P 19 33.00 1.3
 0.6s 14.00nm 4.9mb
 SEM 45.04 307 (P) 20 03.00 0.7
 GUN 48.11 275 P 20 27.56 0.3
 KKN 48.63 275 P 20 31.72 0.6
 PKI 48.64 275 P 20 31.00 -0.3
 DMN 48.86 275 P 20 29.82 -3.1X
 GKN 49.04 276 P 20 33.92 -0.3
 BRVK 50.58 312 eP 20 45.00 -0.4
 0.9s 8.00nm 4.7mb
 ARU 56.12 318 eP 21 26.00 -0.3
 WB2 58.48 189 eP 21 38.80 -4.5X
 0.6s 2.70nm 4.5mb
 WRA 58.48 189 P 21 42.20 -1.1
 0.7s 1.20nm 4.1mb
 HYB 59.32 269 eP 21 48.60 -0.8
 ASPA 62.21 189 eP 22 09.00 0.2
 1.1s 5.60nm 4.6mb
 GBA 62.39 266 P 22 10.00 -0.2
 HFS 73.37 336 eP 23 18.00 -0.1
 0.4s 0.60nm 3.9mb
 NAO 73.71 338 P 23 19.80 -0.3
 0.9s 6.60nm 4.6mb
 GEC2 82.19 329 PKP 24 07.60 0.6
 1.0s 1.01nm 3.8mb
 e 24 17.60
 ZOBO 145.12 60 PKP 31 30.00 5.2X
 LPB 145.31 60 ePKP 31 29.00 4.1X
 CNCB 145.59 60 PKP 31 27.00 1.5
 SIV 149.44 50 ePKP 31 48.00 17.0X
 S.D. = 1.0 on 44 of 52 obs.

% DEC 29, 1992 17h 13m 53.57±0.84s
 40.701 N ± 7.1km 23.357 E ± 7.0km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

SOH 0.12 359 ePg 13 56.94 0.3
 eSg 13 59.16
 THE 0.31 257 ePg 14 00.00 0.1
 eSg 14 04.40
 SRS 0.45 23 ePg 14 02.68 -0.1
 KNT 0.58 323 ePg 14 05.00 -0.3
 eSg 14 12.76
 OUR 0.60 127 ePg 14 05.64 -0.1
 eSg 14 13.80
 S.D. = 0.3 on 5 of 5 obs.

DEC 29, 1992 17h 32m 58.20±1.23s
 7.529 S ± 5.5km 120.803 E ± 8.1km
 DEPTH = 39.4 ± 12.9 km
 4.9mb (12 obs.)
 FLORES SEA (279)

MKS 2.65 330 iPc 33 39.20 -0.3
 iS 34 17.50
 MTN 11.45 118 eP 35 42.20 -0.1
 0.4s 129.00nm 6.4mb X
 MBL 13.58 184 eP 35 50.50 -20.2X
 NANU 15.79 198 eP 36 38.00 -1.4
 eS 39 20.00
 WB2 18.02 135 iPc 37 06.20 -1.3
 0.5s 14.20nm 4.4mb
 eS 39 56.40
 MEEK 19.12 186 eP 37 21.00 0.1
 WARB 19.37 164 eP 37 24.50 0.8
 ASPA 20.38 143 iPd 37 35.10 0.6
 0.6s 63.40nm 5.1mb
 Z 23s 0.10um 3.1mszX
 eS 41 18.70
 PGP 20.89 0 eP 37 41.00 1.3
 PPI 21.52 288 eP 37 47.50 1.4
 MRWA 22.05 191 eP 37 52.00 0.8
 QIS 22.34 127 eP 37 55.60 1.4
 IPM 23.11 301 ePc 38 03.70 1.9
 BAL 23.28 189 eP 38 03.00 -0.3
 STK 31.02 144 eP 39 14.80 0.3
 0.4s 3.60nm 4.5mb
 GYA 36.47 338 iPc 40 02.00 0.4
 0.8s 9.40nm 4.8mb
 KMI 36.91 332 eP 40 07.00 1.4
 1.4s 60.00nm 5.3mb
 pP 40 13.50 22kmX

CD2 41.56 338 P 40 44.00 0.1
 1.0s 30.00nm 5.0mb
 XAN 42.85 345 P 40 53.80 -0.6
 1.0s 6.40nm 4.3mb
 LZH 46.22 341 Pc 41 22.40 0.8
 1.8s 30.00nm 4.9mb
 sP 41 32.50
 LSA 46.72 324 eP 41 26.40 0.4
 MAT 46.78 19 eP 41 25.00 -0.8
 1.3s 26.92nm 5.0mb
 BJI 47.52 355 eP 41 32.00 0.5
 1.0s 13.00nm 4.9mb
 GBA 47.90 296 P 41 26.00 -8.9X
 GUN 48.79 318 P 41 41.42 -0.6
 PKI 48.88 317 P 41 41.34 -1.4
 KKN 49.11 317 P 41 43.34 -1.0
 DMN 49.11 317 P 41 43.28 -1.2
 GKN 49.69 317 P 41 47.64 -1.1
 GTA 50.59 339 eP 41 56.00 0.6
 1.0s 9.00nm 4.7mb
 WMO 59.25 333 P 42 57.50 -0.7
 YAK 69.68 4 iPc 44 04.20 -1.3
 0.9s 30.00nm 5.3mb
 MAIO 72.07 312 eP 44 20.00 -0.7
 ZOBO 154.74 160 PKP 53 14.80 25.4X
 SIV 156.56 175 PKP 53 27.20 36.0X
 S.D. = 1.0 on 31 of 35 obs.

% DEC 29, 1992 17h 41m 25.31±1.65s
 44.638 N ± 6.6km 6.814 E ± 15.1km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.9 (GEN).

PZZ 0.24 123 P 41 30.62 0.0
 S 41 34.42
 RRL 0.28 356 P 41 31.49 0.1
 S 41 36.20
 BHB 0.38 57 P 41 33.32 0.2
 S 41 39.36
 STV 0.54 137 P 41 36.01 -0.2
 ENR 0.60 133 P 41 37.64 0.2
 RSP 0.60 31 P 41 37.19 -0.4
 S.D. = 0.3 on 6 of 6 obs.

* DEC 29, 1992 18h 24m 09.24±0.67s
 17.796 S ± 8.0km 69.584 W ± 10.7km
 DEPTH = 154.8 ± 7.9 km

PERU-BOLIVIA BORDER REGION (118)

Felt (IV) at Arico, Iquique and
 Putre; (III) at Pozo Almonte,
 Chile. Felt (IV) at Tacna, Peru.

CNCB 1.82 58 iPd 24 43.70 0.1
 LPB 1.90 49 iPd 24 44.10 -0.2
 ZOBO 2.05 43 iPd 24 45.60 -0.6
 ARE 2.25 306 iPc 24 49.00 0.6
 iS 25 05.00
 ANT 5.93 187 iPd 25 34.50 -1.4
 SIV 8.34 79 P 26 09.50 1.1
 S 27 41.00
 RTLL 13.51 176 ePd 27 15.00 -0.9
 RTCB 13.65 177 ePd 27 17.50 -0.2
 MDZ 15.04 178 eP 27 37.50 2.4
 PEL 15.31 183 eP 27 42.00 3.4X
 BAO 20.79 87 Pc 28 39.80 -0.1
 e 28 41.90
 e 28 47.00
 VAO 21.81 108 (P) 28 50.00 0.1
 KDS 64.16 66 eP 34 28.00 -1.6
 LIC 68.02 75 P 34 54.40 0.2
 TIC 68.19 75 P 34 55.50 0.2
 KIC 68.34 75 Pc 34 56.60 0.4
 WRA 135.75 213 PKP 43 19.50 5.7X
 0.7s 0.30nm
 S.D. = 1.1 on 15 of 17 obs.

* DEC 29, 1992 20h 20m 53.27±0.83s
 25.046 S ± 13.5km 129.386 E ± 12.7km
 DEPTH = 10.0km (geophysicist)

NORTHERN TERRITORY, AUSTRALIA (591)

WARB 2.72 245 eP 21 47.50 9.6X
 FORT 5.83 191 eP 22 21.70 -0.1
 0.2s 44.00nm 5.8mb X
 eS 23 26.00
 WB2 6.84 43 iPd 22 36.20 0.0

eS 23 50.50
 COOL 9.32 230 eP 23 11.00 0.3
 0.3s 10.00nm 5.8mb X
 eS 24 52.00
 MBL 9.60 292 eP 23 03.50 -11.1X
 0.3s 8.00nm
 eS 24 50.00
 MEEK 9.83 258 iPd 23 21.40 3.6X
 0.3s 13.00nm 5.9mb X
 eS 25 08.00
 KLB 12.14 235 eP 23 48.00 -1.2
 0.3s 7.00nm 5.5mb X
 eS 26 01.00
 BAL 12.51 241 eP 23 54.00 -0.2
 0.4s 9.00nm 5.4mb X
 eS 26 10.00
 MRWA 12.63 248 eP 23 56.20 0.4
 0.3s 5.00nm 5.2mb X
 eS 26 12.00
 STK 12.71 125 eP 23 45.70 -11.1X
 eS 25 54.40
 NANU 12.92 278 eP 24 04.80 5.1X
 eS 26 27.00
 MUN 13.48 236 eP 24 07.00 -0.1
 eS 26 32.00
 RKG 14.32 226 eP 24 19.00 0.9
 eS 26 52.00
 S.D. = 0.7 on 8 of 13 obs.

DEC 29, 1992 20h 31m 43.45±0.18s
 31.690 S ± 3.9km 67.309 W ± 4.0km
 DEPTH = 131.4km (21 depth phases)

5.1mb (21 obs.)

SAN JUAN PROVINCE, ARGENTINA (137)

Felt (III) in San Juan Province.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 7S, 10C

Centroid Location:

Origin Time 20:31:48.3 0.8

Lat 31.55S 0.11 Lon 67.15W 0.13

Dep 144.4 4.6 Half-duration 1.4

Moment Tensor: Scale 10¹⁶ Nm

Mrr=-8.85 1.01 Mtt=-0.11 2.19

Mff=8.96 2.08 Mrt=2.37 1.09

Mrf=-8.88 0.93 Mtf=-6.15 1.75

Principal Axes:

T Val= 15.43 Plg=21 Azm= 65

N -2.90 9 159

P -12.53 67 272

Best Double Couple: Mo=1.4*10¹⁷

NP1: Strike=139 Dip=26 Slip=-112

NP2: 343 66 -80

CFA 0.80 276 iPc 32 06.00 1.0
 RTLL 1.05 290 iPc 32 08.30 1.0
 RTCV 1.06 260 iPc 32 08.20 0.8
 RTCB 1.29 279 iPc 32 11.00 1.2
 MRA 1.54 118 iPd 32 13.20 0.8
 RTPR 1.54 27 iPc 32 13.70 1.3
 MDZ 1.77 227 eP 32 15.60 0.4
 iS 32 40.40
 JACH 2.95 250 iP+ 32 30.93 0.7
 FCH 3.00 236 iP+ 32 31.67 0.6
 PEL 3.20 242 iPd 32 33.42 0.0
 PCH 3.32 234 iP+ 32 35.23 0.2
 SAN 3.33 237 iP+ 32 35.13 0.0
 iS 33 06.99
 ROCH 3.38 247 iP+ 32 35.32 -0.7
 CYA 3.49 22 iPc 32 37.00 -0.3
 CHCH 3.60 231 iP+ 32 38.67 0.0
 TACH 3.63 236 iP+ 32 38.34 -0.8
 CACH 3.68 228 iPd 32 40.06 0.2
 IHA 3.90 249 iPn 32 41.30 -1.4
 i 32 43.20
 iS 33 26.00
 LCCH 4.01 243 iP+ 32 42.31 -1.9
 LNV 4.13 236 iP 32 43.55 -2.2
 FSA 5.70 12 iPc 32 07.00 0.0
 SLA 7.12 13 ePc 33 25.80 -0.7
 ANT 8.42 340 eP 33 41.50 -2.3
 eS 34 11.50
 HJA 8.61 12 iPc 33 46.50 0.1
 S 34 54.00
 SIV 16.63 21 iPc 35 34.20 4.0X
 i 36 15.00
 VAO 20.01 69 iPc 36 06.90 -1.1

BAO	23.78	52	Pd	e	36 10.00	ULM	85.42	342	ePd	44 09.40	2.6X	PKI	46.38	306	P	58 32.24	-0.3
				e	36 44.00				pP	44 42.60	130km	KKN	46.57	306	P	58 33.84	-0.1
				e	36 55.00	ORV	86.90	321	eP	44 14.89	0.5	DMN	46.64	306	P	58 34.46	-0.1
				e	37 10.00				epP	44 49.33	134km	GKN	47.18	306	P	58 38.40	-0.3
NVL	56.88	157	eP	eP	41 15.00	LCCM	87.09	331	ePd	44 16.00	0.7	HYB	49.33	290	eP	58 55.80	0.4
	1.2s			155.00nm	5.8mb	LTZ	87.94	219	P	44 20.60	1.0	GBA	49.76	285	P	59 04.00	5.4X
SPA	58.48	180	iPd		41 27.00	THZ	88.28	221	P	44 22.80	1.6	QUE	62.51	303	eP	00 36.50	6.3X
	1.1s			184.52nm	6.0mb	LGPM	88.58	321	eP	44 22.99	0.5	OBN	87.65	325	eP	02 54.00	0.8
CEH	68.13	350	eP		42 30.54				epP	44 56.75	131km				e	03 05.00	
	1.3s			46.20nm	5.2mb	BCAO	88.77	84	iPc	44 24.90	1.0		S.D. = 0.7 on 12 of 15 obs.				
				epP	43 01.63				id	44 58.50	5.1mb		DEC 29, 1992 20h 53m 56.25±0.52s				
KDS	68.70	59	iPd		42 33.30				eP	44 25.00	-0.1		32.762 S ± 7.3km 69.219 W ± 5.0km				
LIC	70.25	69	P		42 43.90	ORZ	89.12	221	eP	44 35.42	0.1		DEPTH = 10.0km (geophysicist)				
	20s			0.08um	3.9Msz	DPW	91.40	328	eP	45 09.12	130km		MENDOZA PROVINCE, ARGENTINA (139				
MIAR	70.37	337	eP		42 43.70				epP	49 55.60	-0.7		MD 3.8 (SAN).				
	1.3s			32.27nm	5.0mb	GEC2	107.73	43	PKP	50 15.16	1.4	MDZ	0.33	111	eP	54 02.90	-0.3
				epP	43 17.43	TTA	117.13	329	(PKP)	50 20.40	-1.6	FCH	1.06	238	iP+	54 15.47	-1.0
				esP	43 37.27	WARB	120.93	195	ePKP	50 21.40	-1.5				iS	54 30.76	
				eP	42 55.90				11.00nm	50 25.50		RTCV	1.07	33	ePc	54 16.60	0.2
TUL	72.36	336	eP		42 55.40	ASPA	121.33	203	iPKPd	50 27.80	-1.5				S	54 30.70	
	0.8s			44.60nm	5.3mb				0.9s	51 02.80		JACH	1.16	274	iPd	54 17.59	-0.4
LNO	72.36	336	eP		43 02.60	OBN	123.06	42	ePKP	50 28.90	-0.4				eS	54 33.15	
				e	43 28.50				1.0s	50 29.00	-1.1	PEL	1.29	252	iPd	54 19.28	-0.9
MEO	72.37	333	iPc		42 55.70				e	51 02.80					iS	54 36.86	
WMOK	72.41	333	eP		42 55.69	W82	124.62	205	ePKP	50 28.90	-0.4				iP+	54 21.31	-0.3
	1.0s			27.10nm	5.0mb				i	50 28.90	-0.4				iS	54 40.01	
				iPcP	43 13.30				0.7s	51 04.00	0.2	CFA	1.42	36	ePc	54 22.00	-0.1
				epP	43 29.43				143.04	51 09.20	0.3				S	54 41.10	
				esP	43 47.54	GBA	143.04	111	PKP	51 09.20	0.3	ROCH	1.52	262	iPd	54 23.74	0.0
MAW	74.21	162	iPc		43 06.80	PPI	145.97	158	ePKPc	51 09.50	0.7				iS	54 44.41	
	0.6s			17.44nm	5.0mb	HYB	146.01	107	ePKPc	51 09.50	0.7	CHCH	1.67	225	iPd	54 26.06	0.3
TUC	75.77	323	eP		43 16.51				1.0s	51 42.50					iS	54 48.13	
	1.3s			19.47nm	4.7mb	PCI	146.88	193	ePKPc	51 13.70	3.4X	TACH	1.69	238	iP+	54 26.49	0.5
				epP	43 48.59				e	52 35.50					iS	54 49.26	
ALO	75.81	328	eP		43 17.05	YAK	147.72	345	iPKPc	51 09.70	-0.5	LCCH	2.10	250	iP+	54 33.12	1.3
	0.9s			18.23nm	4.8mb				1.4s	00 00.00					iS	55 01.18	
RSNY	76.16	355	eP		43 18.07				e	00 00.00	-16.8X	LNV	2.19	236	iPd	54 34.02	0.9
	0.9s			24.24nm	5.0mb	MNI	147.80	203	ePKPd	50 55.00	-0.1				eS	55 03.37	
				PcP	43 32.62	KGM	149.19	161	ePKPd	51 13.90	-0.1	MRA	2.98	84	e(P)	54 48.70	4.3X
				ipP	43 50.52				0.8s	51 13.90	-0.1				S	55 27.70	
FRS	77.05	117	iPc		43 23.10	NDI	149.27	86	iPKPc	51 16.40	-0.2		S.D. = 0.7 on 12 of 13 obs.				
	1.0s			45.00nm	5.2mb	IPM	150.89	156	ePKPc	51 16.40	-0.2		& DEC 29, 1992 21h 05m 02.00s				
				i	43 56.10				e	51 55.70			37.480 N 121.635 W				
LMN	77.21	2	ePc		43 27.50	CTB	153.37	206	ePKP	51 22.00	1.9		DEPTH = 6.0km				
			pP		44 00.50	ASAJ	153.46	306	ePKP	51 27.40	8.1X		CENTRAL CALIFORNIA				
BLF	78.02	117	iPd		43 28.80	GKN	155.42	91	PKP	51 22.38	-0.3		<BRK>. ML 2.7 (BRK).				
	0.9s			46.15nm	5.2mb	DMN	155.71	93	PKP	51 23.12	-0.1	MHC	0.14	182	iPd	05 05.03	0.0
				i	44 02.70				e	51 23.36	-0.1				iS	05 07.59	
EEO	78.69	352	ePc		43 35.10	PKI	155.96	93	PKP	51 23.18	-0.5	ARN	0.15	148	iPc	05 05.27	0.0
GLD	79.31	331	eP		43 35.06	GUN	156.45	92	PKP	51 24.48	0.1	COE	0.22	188	ePd	05 06.75	0.1
	1.3s			57.91nm	5.2mb	WMO	156.92	51	PKP	51 24.20	0.1	GCC	0.53	213	iPd	05 12.52	-0.2
GOL	79.33	331	ePd		43 36.37				pPKP	51 56.00		PCC	0.59	272	iPd	05 13.19	-0.7
	1.0s			6.54nm	4.4mb	CHG	162.16	133	ePKP	51 30.80	0.4				eS	05 22.15	
PV08	79.80	328	ePc		44 10.29	GTA	167.00	50	ePKP	51 35.00	0.7	BKS	0.62	310	iPc	05 13.99	-0.4
			epP		44 13.24				0.72um	51 36.40	1.6				eS	05 23.64	
PV09	79.96	328	eP		43 39.75	QIZ	167.13	168	PKPc	51 38.40	1.5	ZSP	0.68	313	iPd	05 15.34	-0.2
			e		43 59.41	HHC	170.81	5	PKPc	51 38.00	1.5	HMR	0.69	349	eP	05 16.49	0.8
PEC	80.38	320	eP		43 40.84				0.76um	51 38.20	0.4	SAO	0.73	168	ePc	05 16.52	-0.1
	1.3s			29.74nm	4.9mb	LZH	171.44	57	PKPd	51 38.50	1.5				eS	05 26.99	
			(pP)		44 13.89	TIY	173.99	2	ePKP	51 39.20	1.1	LLA	1.02	147	eP	05 20.79	-1.0
SSK	80.91	320	eP		43 45.40				1.19um	51 39.20	0.8				eS	05 38.54	
			epP		44 19.10	TIA	174.18	322	ePKP	51 39.20	0.8	CMB	1.14	60	ePd	05 22.15	-1.5
			esP		44 37.29	XAN	176.06	53	PKP						eS	05 38.13	
SLR	81.32	115	iPd		43 46.50		S.D. = 1.0 on 94 of 101 obs.										
	1.0s			44.00nm	5.2mb		DEC 29, 1992 20h 50m 06.89±0.55s										
CSY	82.32	179	eP		43 51.90		2.940 N ± 8.9km 126.667 E ± 15.8km										
	0.7s			29.30nm	5.2mb		DEPTH = 33.0km (normal)										
RSSD	82.56	334	eP		43 52.87		4.5mb (4 obs.)										
	1.2s			35.37nm	5.1mb		NORTHERN MOLUCCA SEA (266)										
				epP	44 26.56												
DUG	83.02	327	eP		43 54.98	BIP	5.27	355	eP	51 26.00	0.6	PRR	1.17	169	iPc	05 24.57	0.4
	0.8s			6.86nm	4.6mb				eS	52 18.00					eS	05 39.11	
				(pP)	44 28.92	W82	23.96	162	iPd	55 20.10	0.8				eS	05 23.14	-1.9
TNP	83.56	323	eP		43 58.17				0.6s	11.80nm	4.6mb	NTYM	1.22	319	eP	05 23.40	-1.7
	0.9s			11.14nm	4.7mb	ASPA	27.37	165	eP	55 51.20	-0.1	FRI	1.61	107	eP	05 29.40	-1.7
MTUM	83.72	321	eP		43 59.61				0.6s	5.20nm	4.4mb				eS	05 49.40	
			(pP)		44 31.92	STK	37.42	159	eP	57 18.10	-0.7	PKEM	1.87	139	eP	05 33.56	-1.3
HVU	84.25	328	eP		44 01.19				0.6s	3.00nm	4.3mb	ORV	2.08	3	(P)	05 36.60	-1.2
			epP		44 34.26				i	57 30.00		MEMM	2.15	84	(P)	05 38.17	-0.7
			e		44 47.39					57 23.50	-1.2	MTUM	2.45	92	eP	05 43.25	-0.1
PTI	84.93	329	eP		44 05.60	BJI	38.14	347	eP				18 obs. associated				
			(pP)		44 39.20				1.5s	67.00nm	5.3mb		? DEC 29, 1992 21h 10m 50.70±14.09s				
HHA I	85.28	329	ePd		44 06.87	LZH	39.15	330	eP	57 03.00	-30.5X		18.672 N ± 76.5km 65.661 W ± 90.2km				
			epP		44 40.77				1.4s	13.00nm			DEPTH = 33.0km (normal)				
						GUN	46.14	307	P	58 30.90	0.2		PUERTO RICO REGION (90)				
												LPR	0.41	209	iP	10 59.80	-0.3
												CPD	0.67	201	iP	11 03.80	0.0
												SJG	0.73	220	iP	11 05.00	0.5
												APR	1.04	258	iP	11 09.00	0.1

29d 21h

PORP 1.11 237 iP 11 09.70 -0.3
S.D. = 0.4 on 5 of 5 obs.

DEC 29, 1992 21h 17m 31.81 ± 0.71s
9.295 S ± 3.5km 123.987 E ± 5.1km
DEPTH = 95.2 ± 6.6 km
5.5mb (68 obs.)

TIMOR REGION, INDONESIA (289)

Felt in the Mowmere area,
Flares.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 14S, 17C

Centroid Location:

Origin Time 21:17:35.2 0.6

Lat 9.08S 0.06 Lon 124.17E 0.05

Dep 92.6 4.8 Half-duration 1.0

Moment Tensor; Scale 10**17 Nm

Mrr=-1.04 0.06 Mtt= 0.46 0.11

Mff= 0.57 0.13 Mrt= 0.44 0.10

Mrf= 1.49 0.09 Mtf= 0.57 0.09

Principal Axes:

T Val= 1.83 Plg=28 Azm=301

N 0.09 12 205

P -1.93 60 94

Best Double Couple: Mo=1.9*10**17

NP1:Strike= 59 Dip=20 Slip= -54

NP2: 202 74 -102

MKS 6.04 312 ePc 19 03.00 2.7

1.2s 1866.40nm 6.2mb

MTN 7.85 117 iPd 19 18.20 -6.9X

PCI 9.30 333 ePd 19 50.20 5.3X

0.5s 8.00nm 4.8mb

MNI 10.70 5 ePc 20 06.00 2.2

1.0s 499.10nm 6.3mb

MBL 12.46 198 eP 20 05.60 -21.4X

0.3s 48.00nm

WRA 14.57 138 P 20 45.70 -8.8X

WB2 14.57 138 iPc 20 45.80 -8.8X

i 20 57.80

iS 23 15.10

TSM 14.81 335 ePc 21 00.00 2.4

1.0s 892.50nm 6.0mb

NANU 15.49 211 eP 21 04.00 -2.2

0.3s 39.00nm 5.1mb

DAV 16.35 6 eP 21 17.80 0.7

eS 24 17.00

CTB 16.39 1 ePd 21 22.00 4.5X

WARB 16.99 172 eP 21 20.00 -4.9X

KKM 17.09 333 ePc 21 28.40 2.0

0.7s 217.40nm 5.5mb

ASPA 17.15 148 eP 21 21.00 -6.0X

Z 18s 2.60um

BIP 17.55 7 ePd 21 34.80 2.9

eS 21 52.00

MEEK 17.98 196 eP 21 35.00 -2.2

0.4s 63.00nm 5.2mb

OIS 18.77 128 iPd 21 42.20 -4.2X

iS 24 55.70

PLP 20.35 3 ePc 22 03.00 0.1

MRWA 21.19 200 eP 22 10.00 -1.3

0.6s 117.00nm 5.4mb

COOL 21.64 187 iPd 22 14.20 -1.7

0.4s 34.00nm 5.0mb

FORT 21.71 170 iPc 22 15.30 -1.2

0.5s 93.00nm 5.4mb

MDG 21.98 81 eP 22 02.00

BAL 22.27 197 iPd 22 21.30 -0.7

0.5s 147.00nm 5.6mb

PGP 22.85 352 eP 22 29.00 1.3

PMG 22.86 92 eP 22 27.50 -0.4

0.9s 285.71nm 5.6mb

KLB 22.93 194 iPd 22 28.00 -0.4

0.4s 19.00nm 4.8mb

KGM 23.46 298 ePd 22 35.00 1.3

1.2s 625.70nm 5.9mb

MUN 23.70 197 iPd 22 35.50 -0.3

0.8s 213.00nm 5.6mb

e 22 57.00

eS 26 54.00

FINC 23.79 85 eP 22 37.50 0.7

CTA 24.03 119 iPc 22 39.00 -0.2

1.0s 222.50nm 5.5mb

iS 26 51.00

PPI 25.07 289 eP 22 46.50 -2.6

KLM 25.45 298 eP 22 53.00 0.4

BAG 25.76 352 eP 22 57.20 1.6

RKG 25.96 193 iPc 22 58.00 0.9

eS 27 49.50

IPM 26.72 300 ePc 23 02.50 -1.8

1.0s 38.80nm 4.9mb

STK 27.78 146 iPd 23 12.70 -1.1

0.9s 83.50nm 5.3mb

i 23 34.40

eS 28 20.30

ADE 28.89 154 iPd 23 23.60 -0.1

RMO 29.02 129 iPd 23 24.20 -0.8

1.1s 256.00nm 5.8mb

i 23 58.00

eS 28 50.30

CMS 29.99 141 eP 23 33.10 -0.4

e 24 09.00

iS 29 00.60

BFD 32.44 152 iPd 23 54.90 0.0

1.0s 174.00nm 5.8mb

NNT 32.45 312 iPd 23 56.00 0.8

BRS 32.59 127 iPc 23 53.00 -3.4

1.0s 19.00nm 4.8mb

e(S) 29 30.00

HKC 32.84 343 iP 24 01.10 2.6

ARMA 33.26 133 iPc 24 03.30 1.0

0.4s 47.00nm 5.7mb

BWA 33.57 142 iPd 24 06.60 1.7

GZH 33.83 342 Pd 24 06.80 -0.2

TOO 34.20 149 iPd 24 11.00 0.8

1.0s 431.00nm 6.3mb

eS 31 01.00

NST 34.26 316 eP 24 18.00 7.2X

LOE 34.46 320 eP 24 13.50 0.9

CAN 34.53 142 iPd 24 13.50 0.4

KHT 34.73 313 iPc 24 15.00 0.1

CNB 34.75 142 iPc 24 15.50 0.5

0.5s 195.00nm 6.3mb

eS 31 09.00

RIV 34.93 138 iPd 24 18.10 1.7

0.9s *****nm 8.0mb X

HNR 35.47 93 eP 24 18.00 -3.2

BDT 36.13 317 iPd 24 26.40 -0.3

1.0s 296.70nm 6.2mb

CHG 37.29 319 ePd 24 37.00 0.6

1.2s 285.16nm 6.1mb

eS 30 16.30

TAU 39.22 153 iPd 24 53.90 1.6

GYA 39.32 335 iPd 24 53.80 0.3

0.8s 47.00nm 5.4mb

Z 22s 1.33um 4.7MsZ

N 16s 0.95um

E 16s 0.76um

KMI 39.99 329 eP 25 01.00 1.9

1.5s 260.00nm 5.9mb

Z 40s 3.20um 4.9MsZ

N 15s 0.70um

E 15s 0.60um

SSE 40.25 356 P 25 00.00 -0.8

1.0s 22.00nm 5.0mb

Z 20s 0.50um 4.4MsZ

N 12s 0.40um

E 10s 0.20um

WNN 40.68 347 eP 25 05.00 0.6

1.0s 71.00nm 5.5mb

NJ2 41.40 353 Pc 25 10.40 0.1

KUMJ 42.10 9 eP 25 14.70 -1.4

DZM 42.66 112 iPc 25 20.30 -0.6

SHNJ 43.71 9 eP 25 27.90 -1.1

TKSJ 44.09 12 P 25 31.50 -0.7

CD2 44.44 335 eP 25 34.00 -1.1

0.8s 53.00nm 5.4mb

Z 24s 1.32um 4.8MsZ

WKYJ 44.65 14 P 25 36.50 -0.3

XAN 45.41 342 P 25 41.20 -1.5

0.8s 36.00nm 5.3mb

Z 16s 0.54um 4.6MsZ

N 18s 0.81um

pP 25 56.50 59kmX

sP 26 03.60

PP 27 37.00

sS 32 39.00

TIA 45.72 352 eP 25 43.90 -1.2

Z 40s 1.71um 4.7MsZ

TSRJ 46.00 14 P 25 46.70 -0.7

MTMJ 47.45 15 P 25 58.10 -0.8

MAT 47.51 16 iPc 25 57.30 -2.0

1.1s 69.62nm 5.4mb

TIY 47.99 348 eP 26 01.00 -2.1

LZH 48.96 338 P 26 10.00 -0.7

1.6s 140.00nm 5.7mb

Z 23s 0.93um 4.7MsZ

E 14s 0.72um

pP 26 19.50 32kmX

sP 26 29.00

ScP 31 22.50

S 33 05.00

ScS 35 52.00

BJI 49.61 352 eP 26 13.00 -2.4

Z 40s 0.92um 4.5MsZ

eScP 31 25.00

LSA 50.02 322 Pc 26 19.90 0.7

1.0s 45.00nm 5.5mb

Z 42s 3.02um 5.0MsZ

N 42s 1.82um

S 33 23.00

KOD 50.19 292 eP 26 18.00 -2.6

OFUJ 50.86 18 eP 26 24.40 -0.5

SNY 50.87 360 Pc 26 24.00 -0.8

Z 20s 0.55um 4.6MsZ

HHC 51.19 348 P 26 26.20 -1.3

0.8s 16.00nm 5.1mb

BTO 51.29 346 eP 26 27.00 -1.3

N 15s 0.37um

E 15s 0.35um

ePP 28 20.50

GBA 51.50 296 P 26 27.00 -3.1X

MSZ 51.71 141 P 26 31.60 0.3

AOMJ 51.86 16 eP 26 32.10 -0.3

HYB 52.15 301 ePc 26 32.40 -2.7X

1.2s 121.40nm 5.8mb

GUN 52.22 316 Pc 26 34.96 -0.8

0.7s 711.00nm 6.8mb X

PKI 52.33 316 Pc 26 35.38 -1.2

0.6s 327.00nm 6.6mb

KKN 52.56 316 Pc 26 37.06 -1.1

0.8s 297.00nm 6.3mb

DMN 52.56 315 Pc 26 37.24 -1.0

0.6s 243.00nm 6.4mb

VLA 52.66 7 eP 26 37.00 -1.3

i 27 08.00

i 27 25.00

i 27 51.00

WCZ 52.79 128 P 26 40.20 0.7

CN2 52.86 1 eP 26 37.80 -1.9

1.2s 16.00nm 4.9mb

Z 18s 0.54um 4.6MsZ

eSP 27 01.00

ScP 31 38.20

ScS 36 18.00

ASAJ	55.79	16 P	27 00.20	-1.0			e	30 46.30		WMOK	133.45	50 iPKP	36 41.45	2.4
POD	56.66	299 iPd	27 05.70	-2.2	ARU	84.54	329 iPd	29 56.20	1.0			e	38 21.52	
CSY	57.66	186 eP	27 14.40	0.3			1.1s	50.00nm	5.4mb			e	39 19.58	
	0.8s	20.20nm		5.2mb			eS	40 10.00		MDZ	136.31	164 ePKP	36 37.30	-7.3X
YSS	58.49	15 iPc	27 18.30	-1.9			ePS	40 59.00		KDS	136.91	278 ePKP	36 46.30	0.2
NDI	58.84	312 iPc	27 20.00	-2.9X	NAI	87.02	269 iPc	30 13.50	4.7X	MIAR	137.43	48 (PKP)	36 48.79	2.2
	0.8s	52.24nm		5.7mb	GRO	87.92	314 iPd	30 13.50	1.4	EEO	137.90	24 ePKP	36 52.00	4.9X
		eS	35 13.00				1.5s	160.00nm	5.8mb	LMN	142.80	10 ePKP	36 55.50	-0.4
CIT	61.70	353 eP	27 42.00	-0.1			i	33 40.00		PNJ	144.65	24 iPKP	36 58.61	-0.5
ZAK	62.11	345 iPd	27 44.00	-0.7			eS	40 32.00		GMTN	144.66	24 ePKP	36 58.70	-0.5
	1.2s	40.00nm		5.3mb	MTA	88.15	313 iPd	30 15.20	2.0	CEH	146.20	35 ePKP	37 02.59	0.7
		eS	36 00.00				0.8s	90.00nm	5.9mb			iSKP	40 36.20	
		eSS	40 08.00		NVL	88.39	198 eP	30 15.00	1.0	VAO	146.70	195 ePKP	37 07.30	4.1X
WMO	62.28	331 Pc	27 45.00	-1.1			1.4s	71.00nm	5.6mb	ARE	150.18	149 ePKP	37 16.00	
	0.7s	200.00nm		6.2mb	NVL	88.39	198 eP	30 35.00	21.0X	CNCB	151.49	155 PKP	37 14.20	2.8X
Z	32s	1.02um		4.8MsZx			e	30 53.00		LBP	151.69	155 PKP	37 15.00	3.5X
		pP	28 02.00		SDN	89.46	34 eP	30 17.96	-1.2	ZOBO	151.89	155 PKP	37 14.70	2.6X
		PcP	28 23.50				2.5s	2039.24nm	6.8mb X			LR	28 16.00	
		PP	30 06.00		PYA	89.94	315 eP	30 23.00	1.3	BAO	153.99	198 e(PKP)	37 15.00	0.6
		ScP	32 20.00				i	31 13.00				e	37 16.70	
		PcS	32 26.00				i	33 50.00				e	37 24.00	
		S	36 03.50		IMA	95.32	24 eP	30 45.43	-0.8			e	37 37.20	
		ScS	37 26.00				0.8s	3.29nm	4.8mb			e	37 49.00	
IRK	63.61	347 eP	27 53.00	-1.6	MOS	95.56	325 eP	30 47.00	-0.2			e	37 57.00	
	1.7s	44.00nm		5.1mb			e	34 40.00				e	38 04.10	
MOY	63.89	344 ePd	27 56.80	0.4	SLKM	95.95	30 eP	30 46.27	-2.7X					
KSH	65.81	321 P	28 09.80	0.6	OBN	96.05	325 eP	30 49.00	-0.5					
	1.1s	90.00nm		5.6mb			1.0s	28.00nm	5.7mb					
Z	28s	2.07um		5.2MsZx	Z	32s	1.00um		5.1MsZx					
		PcP	28 35.00		E	30s	0.50um							
		PP	30 42.00				e	41 16.00						
		PcS	32 37.00		SKO	105.47	311 ePKP	35 56.00	10.6X					
		S	36 51.00		BCAO	105.93	272 iPd iff31	35.00	0.2					
		SS	41 13.00				1.0s	5.00nm	5.5mb	NKA	0.29	2 iP	01 47.05	1.5
UER	65.88	340 iP	28 07.00	-2.2	SPC	105.96	318 ePKP	35 52.80	6.4X	SLKM	0.51	84 iP	01 47.18	-0.5
		eS	36 43.00		SRO	107.35	317 ePKP	36 06.70	17.9X	RDT	0.58	282 eP	01 47.73	-0.7
BOD	67.39	354 eP	28 18.00	-0.7	PRU	109.55	320 ePKP	36 10.00	17.1X	REF	0.72	273 eP	01 49.44	-0.7
	1.4s	92.00nm		5.5mb			e	36 28.00				iS	02 00.96	
FRU	68.65	323 (P)	28 26.50	-0.4			e	36 47.50		BRLK	0.72	165 eP	01 49.54	-0.4
	2.0s	90.00nm		5.3mb	GEC2	110.28	319 PKP	35 54.90	0.5			eS	02 01.02	
ELT	70.07	337 iPc	28 33.60	-1.7			0.6s	0.64nm		DFR	0.72	281 eP	01 49.30	-0.7
	1.0s	50.00nm		5.3mb	BMW	112.34	44 ePd iff31	58.95	-3.7X	RSO	0.74	271 iP	01 49.76	-0.7
SEM	70.55	332 ePc	28 38.30	0.0	BSF	114.99	319 ePKP	36 03.70	0.2			eS	02 01.63	
	1.6s	81.00nm		5.3mb			0.5s	2.60nm		RS1	0.74	271 iP	01 49.82	-0.6
		e	29 12.00		LPL	115.59	316 ePKP	36 05.00	0.1	RS2	0.74	271 iP	01 49.81	-0.6
		eS	37 42.80				0.9s	4.10nm		RDN	0.75	275 iP	01 49.61	-0.8
MAW	70.68	201 iPd	28 39.90	1.1	LOR	117.06	319 ePKP	36 07.20	-0.1			eS	02 00.95	
	1.0s	50.00nm		5.3mb			0.5s	1.60nm		RDW	0.77	273 iP	01 50.03	-0.7
YAK	71.23	3 iPc	28 40.80	-1.3	Z	24s	0.22um		4.7MsZx	SPU	0.82	332 iP	01 50.65	-0.6
	1.0s	230.00nm		6.0mb	LBF	117.06	318 ePKP	36 08.10	0.7	NCT	0.83	278 iP	01 50.77	-0.7
		i	28 58.00				0.9s	3.60nm				iS	02 03.53	
		iPp	29 33.00	221kmX	SSF	117.35	318 ePKP	36 08.20	0.3	CKT	0.88	328 eP	01 51.29	-0.7
		iS	37 47.00				0.5s	3.30nm		CKN	0.89	330 eP	01 51.69	-0.4
		i	38 32.00		BGF	117.93	318 ePKP	36 10.00	1.0	CKL	0.91	325 iP	01 51.82	-0.6
SBA	71.92	171 iPd	28 47.00	0.9			0.6s	11.10nm		CGLM	0.93	337 iP	01 52.06	-0.6
MGD	72.39	14 ePc	28 48.50	-0.6	PEC	119.03	56 ePKP	36 13.44	1.9	ILIM	0.93	247 eP	01 52.00	-0.6
	0.9s	40.00nm		5.3mb	LPO	119.60	316 ePKP	36 13.70	1.5			eS	02 05.25	
		e	29 06.00				0.6s	4.70nm		CNPM	0.94	179 iP	01 52.08	-0.6
		e	29 21.00		GRR	119.71	321 ePKP	36 12.80	0.5			eS	02 05.52	
		e	29 38.00				0.4s	2.25nm		MPA	0.94	87 iP	01 51.94	-0.7
		eS	38 00.00		LFF	119.82	317 ePKP	36 14.00	1.4			eS	02 05.26	
		e	38 44.00				0.6s	5.75nm		CP2	0.94	330 iP	01 52.50	-0.4
MAIO	75.59	311 iPc	29 08.20	-0.1	MFF	119.87	319 ePKP	36 13.30	0.6	SEW	0.97	111 eP	01 51.74	-1.3
		eS	38 44.00				0.7s	6.40nm		BGL	0.98	326 iP	01 52.75	-0.6
BRVK	77.01	330 iPc	29 15.00	-0.7	LPF	119.95	321 ePKP	36 13.30	0.6	INE	0.98	247 eP	01 52.57	-0.9
	1.9s	98.00nm		5.3mb			0.6s	12.00nm				eS	02 06.91	
		eS	38 52.00		LCCM	120.13	42 ePKP	36 14.40	1.0	INW	1.01	248 eP	01 52.97	-0.8
ASH	77.08	312 eP	29 17.50	1.1	PTI	120.72	45 ePKP	36 16.59	2.0			eS	02 07.31	
SHI	78.80	303 eP	29 26.00	-0.2			eSKP	39 45.79		XLV	1.03	193 eP	01 52.88	-1.1
SPA	80.76	180 iPd	29 36.90	0.9	HVU	120.74	47 ePKP	36 16.62	1.9	SUA	1.04	14 iP	01 53.39	-0.8
	1.0s	225.00nm		6.0mb	GLA	121.09	57 ePKP	36 17.91	2.4	PMS	1.15	46 P	01 54.70	-0.8
TIK	80.82	2 iPc	29 35.00	-0.8	DUG	121.14	48 ePKP	36 17.15	1.7	OPT	1.28	232 eP	01 56.88	-0.4
	1.5s	48.00nm		5.1mb	MSU	122.05	50 ePKP	36 18.51	1.1	PWA	1.37	29 P	01 57.70	-0.8
		iS	39 32.00		EMUT	122.72	48 iPKPc	36 20.68	2.0	AUE	1.53	225 eP	02 00.14	-0.6
		i	39 39.00		FCC	122.81	22 ePKP	36 21.00	3.2X	SKT	1.53	355 iP	01 59.92	-0.9
NRI	82.36	348 iPc	29 43.40	-0.6	SRU	123.14	49 ePKP	36 20.46	1.1			eS	02 19.37	
	1.2s	31.00nm		5.1mb			iSKP	39 48.67				eS	02 19.48	
		e	30 19.00		PV09	124.35	49 ePKP	36 24.07	2.1	PLRM	1.54	41 eP	01 59.26	-1.5
DHH	82.51	67 eP	29 46.89	1.2			e	37 29.95		AUL	1.54	226 eP	02 00.23	-0.6
SVE	83.71	330 iPc	29 52.00	0.9	RSSD	125.93	41 ePKP	36 22.94	-1.8	AUP	1.55	226 eP	02 00.86	-0.2
	1.1s	100.00nm		5.7mb	GOL	126.73	47 ePKP	36 25.01	-1.5	AUH	1.56	226 eP	02 00.65	-0.5
Z	18s	0.50um		4.9MsZ	ULM	127.55	31 ePKP	36 31.00	3.7X	AUW	1.56	227 eP	02 00.62	-0.5
N	20s	0.30um			KIC	129.16	271 PKP	36 32.90	1.4	AUI	1.57	225 eP	02 00.60	-0.7
E	20s	0.30um					e	39 48.00				eS	02 20.50	
					TIC	129.46	271 PKP	36 33.40	1.3	PDB	1.62	247 eP	02 00.64	-1.3
							e	39 49.20		KNK	1.67	54 eP	02 01.17	-1.5
							e	39 49.20		GHO	1.74	40 P	02 02.00	-1.7

29d 23h

LTJ	1.75	102	eP	02 01.50	-2.2
KNIM	1.75	92	iP	02 01.06	-2.7
MTU	1.86	103	P	02 03.20	-2.1
SYI	1.94	198	eP	02 05.37	-1.0
CDD	1.95	219	eP	02 05.72	-0.9
SML	1.96	45	eP	02 05.08	-1.7
SVW	2.24	289	P	02 08.10	-2.5
SCM	2.35	52	eP	02 10.44	-1.8
HIN	2.36	89	eP	02 08.85	-3.4
FID	2.37	81	eP	02 08.82	-3.7
VLZ	2.51	72	eP	02 11.79	-2.5
CVA	2.73	86	eP	02 14.53	-2.9
KLU	2.80	66	eP	02 16.06	-2.5
TOA	2.96	54	P	02 19.10	-1.7
TRF	3.04	8	eP	02 20.63	-1.4
RND	3.17	20	eP	02 22.80	-1.0
TZL	3.24	58	eP	02 22.38	-2.3
RAGM	3.26	88	eP	02 21.68	-3.4
TTA	3.36	320	eP	02 24.12	-2.4
SDG	3.44	50	eP	02 26.06	-1.4
PAX	3.73	45	eP	02 29.78	-2.0
GLB	3.76	72	eP	02 28.64	-3.5
CRQM	4.01	82	eP	02 32.48	-3.3
BALM	4.41	79	eP	02 37.20	-4.1
HDA	4.44	25	eP	02 39.42	-2.1
CCB	4.50	19	eP	02 39.93	-2.4
YAH	4.72	87	eP	02 42.30	-3.4
GLM	4.88	20	eP	02 45.26	-2.6
CTGM	4.90	80	eP	02 46.14	-2.1

70 obs. associated

? DEC 29, 1992 23h 18m 43.57±1.84s
 20.420 S ±20.4km 67.910 E ±33.0km
 DEPTH = 10.0km (geophysicist)
 4.6mb (5 obs.)
 MID-INDIAN RIDGE (429)

LWI	42.21	290	iPc	26 42.20	3.3X
CHG	49.45	40	eP	27 36.00	-0.1
QUE	50.32	359	eP	27 50.40	7.6X
DMN	50.56	20	P	27 45.22	0.5
PKI	50.62	20	P	27 45.32	0.0
GKN	50.78	19	P	27 46.56	0.3
KKN	50.79	20	P	27 46.72	0.3
GUN	51.09	21	P	27 49.30	0.4
MAIO	56.97	352	eP	28 31.00	-0.7
KSH	60.04	7	P	28 53.90	0.9
ASPA	60.77	106	eP	28 58.90	0.6
	1.7s	8.10nm		4.6mb	
CD2	61.57	35	eP	29 03.30	-0.2
WRA	61.94	102	P	29 06.30	0.0
	0.6s	0.50nm		3.9mb	
WB2	61.95	102	eP	29 06.20	-0.2
	0.7s	3.60nm		4.7mb	
LZH	65.68	31	eP	29 30.00	-0.6
	1.5s	19.00nm		5.1mb	
		pP		13kmX	
WMQ	66.45	16	eP	29 32.00	-3.3X
	Z 16s	0.52um		4.8MszX	
GTA	66.58	27	eP	29 36.50	0.3
	1.0s	5.00nm		4.7mb	
XAN	66.77	36	P	29 36.00	-1.4
		pP		18kmX	
TIY	71.39	36	eP	30 09.80	3.8X
BTO	72.24	32	eP	30 11.00	0.0
HHC	73.21	33	P	30 16.80	0.1
KIC	76.12	282	(P)	30 26.40	-7.5X
ZST	82.02	328	eP	31 08.20	3.1X
ULM	147.58	340	ePKP	38 33.00	6.2X

S.D. = 0.6 on 17 of 24 obs.

& DEC 29, 1992 23h 19m 23.53s
 56.964 N 155.097 W
 DEPTH = 55.3km
 ALASKA PENINSULA (12)
 <AEIC>. ML 3.5 (AEIC).

KDC	1.62	60	P	19 49.20	-0.8
		S		20 04.40	
CDD	2.12	21	eP	19 55.44	-1.7
		eS		20 21.35	
SYI	2.20	40	eP	19 56.79	-1.4
		S		20 22.91	
MCNL	2.26	10	eP	19 57.49	-1.7
AUI	2.54	20	eP	20 02.02	-1.0
		S		20 31.05	
AUH	2.56	19	eP	20 03.29	-0.2

AUW	2.56	19	eP	20 02.28	-1.1
AUP	2.56	20	eP	20 02.43	-1.1
AUL	2.58	19	eP	20 03.08	-0.6
OPT	2.87	19	eP	20 06.45	-1.4
PDB	2.87	9	eP	20 05.63	-2.2
		eS		20 38.86	
INW	3.28	17	eP	20 11.78	-1.9
CNPM	3.28	37	eP	20 11.71	-2.0
INE	3.28	18	eP	20 12.01	-1.8
		S		20 49.76	
ILIM	3.32	19	eP	20 12.44	-1.8
RS1	3.71	18	eP	20 18.29	-1.6
RSO	3.72	18	eP	20 18.65	-1.3
RS2	3.72	18	eP	20 18.57	-1.4
RDW	3.73	18	eP	20 18.63	-1.4
REF	3.75	18	eP	20 18.36	-2.0
NCT	3.78	16	eP	20 18.93	-1.8
DFR	3.85	18	eP	20 19.88	-1.8
RDT	3.88	20	eP	20 19.65	-2.5
SEW	4.32	41	eP	20 24.39	-3.8
SLKM	4.37	34	eP	20 25.57	-3.4
CKL	4.48	17	eP	20 28.13	-2.4
CKT	4.50	18	eP	20 28.48	-2.4
SPU	4.51	19	eP	20 28.32	-2.6
CKN	4.53	18	eP	20 29.81	-1.4
BGL	4.53	17	eP	20 29.23	-2.1
CP2	4.56	18	eP	20 29.66	-2.1
CGLM	4.64	19	eP	20 30.34	-2.4
LTJ	4.89	48	eP	20 32.73	-3.6
SUA	5.04	25	eP	20 35.95	-2.5
KNIM	5.13	45	eP	20 35.05	-4.6
PMS	5.15	31	eP	20 36.58	-3.5
SKT	5.35	18	eP	20 39.68	-3.1
KNK	5.62	35	eP	20 42.98	-3.5
HIN	5.65	49	eP	20 42.92	-4.0
FID	5.86	46	eP	20 45.00	-4.9
CVA	6.05	50	eP	20 47.86	-4.6
VLZ	6.16	44	eP	20 49.51	-4.4

42 obs. associated

% DEC 29, 1992 23h 23m 01.18±0.83s
 45.611 N ±5.6km 0.835 E ±7.7km
 DEPTH = 5.0km (geophysicist)
 FRANCE (538)
 ML 1.8 (LDG).

RJF	0.57	122	Pg	23 12.40	-0.2
		Sg		23 20.00	
LFF	0.68	186	Pg	23 14.60	-0.1
		Sg		23 24.60	
LSF	0.80	37	Pg	23 16.40	-0.8
		Sg		23 26.20	
TCF	1.17	54	Pg	23 23.20	-0.4
		Sg		23 38.10	
MFF	1.20	326	Pg	23 24.10	0.0
		Sg		23 38.50	
MAF	1.35	63	Pg	23 27.10	0.4
		Sg		23 43.40	
BGF	1.69	55	Pg	23 32.50	1.0
		Sg		23 54.30	

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

* DEC 30, 1992 00h 17m 44.44±2.80s
 9.004 S ±12.0km 123.966 E ±13.3km
 DEPTH = 65.4 ±32.1 km
 4.1mb (1 obs.)
 TIMOR REGION, INDONESIA (289)

MTN	8.00	119	eP	19 41.00	0.5
	0.4s	188.00nm		6.2mb X	
		eS		21 03.00	
MBL	12.73	198	eP	20 25.00	-19.4X
		eS		22 41.00	
WB2	14.80	138	iPc	21 10.30	-1.3
		i		21 18.00	
		eS		23 44.50	
NANU	15.73	210	eP	21 24.00	0.6
		eS		24 07.00	
WARB	17.27	172	eP	21 43.00	0.1
		eS		24 47.00	
ASPA	17.41	148	eP	21 45.40	0.9
		eS		24 44.20	
MEEK	18.26	195	eP	21 54.00	-1.0
		eS		25 07.00	
MRWA	21.46	199	eP	22 29.00	-0.2
	0.4s	4.00nm		4.1mb	
		eS		26 23.00	

BAL	22.54	197	eP	22 40.10	0.2
KLB	23.21	194	eP	22 46.70	0.3
MUN	23.97	196	eP	22 54.00	0.2
CHG	37.06	318	eP	24 50.00	-0.1

S.D. = 0.8 on 11 of 12 obs.

* DEC 30, 1992 01h 23m 07.81±2.52s
 22.748 S ±21.0km 66.431 W ±13.2km
 DEPTH = 237.2 ±36.7 km
 JUJUY PROVINCE, ARGENTINA (128)

HJA	1.05	116	iPd	23 42.00	0.0
ANT	3.79	255	eP	24 09.00	0.0
		eS		24 55.50	
CNCB	6.08	346	P	24 38.20	0.2
		e		25 52.00	
LPB	6.38	345	P	24 42.00	0.4
		e		25 58.00	
ZOBO	6.62	346	P	24 44.20	-0.7
		i		26 02.10	
SIV	8.41	38	P	25 07.30	0.0

S.D. = 0.6 on 6 of 6 obs.

* DEC 30, 1992 02h 11m 29.45±0.85s
 24.281 S ±9.5km 67.274 W ±10.7km
 DEPTH = 201.9 ±12.1 km
 CHILE-ARGENTINA BORDER REGION (127)

SLA	1.68	106	iPd	12 05.00	-0.5
		S		12 30.80	
HJA	2.01	59	iPd	12 08.00	-0.6
		S		12 37.00	
ANT	2.93	281	iPc	12 18.20	-0.6
		iS		12 53.00	
CYA	4.35	163	eP	12 37.50	1.2
CNCB	7.46	355	P	13 17.70	0.5
LPB	7.75	354	eP	13 16.00	-4.9X
ZOBO	7.99	354	P	13 24.00	-0.3
SIV	10.09	36	iPd	13 52.40	1.5
		S		15 42.00	
VAO	18.65	90	eP	15 33.60	-1.0
BAO	20.04	68	Pc	15 48.50	-0.4
		e		15 49.10	

S.D. = 1.1 on 9 of 10 obs.

DEC 30, 1992 03h 14m 27.73±0.97s
 39.224 N ±8.9km 20.121 E ±8.1km
 DEPTH = 50.0 ±13.2 km
 3.5mb (2 obs.)
 GREECE-ALBANIA BORDER REGION (392)

KEK	0.55	333	eP	14 38.00	-1.6
		eS		14 49.70	
VLS	1.11	161	eP	14 48.30	1.1
		eS		15 05.50	
VLO	1.33	339	ePn	14 54.30	4.0X
		iSn		15 16.00	
KZN	1.67	49	eP	14 55.80	0.7
FNA	1.83	31	ePb	14 57.76	0.4
		eSb		15 22.00	
OHR	1.96	15	iPn	15 01.20	2.1
		i		15 05.10	
		i		15 07.50	
		i		15 26.70	
		i		15 30.00	
LIT	2.03	64	ePn	15 00.13	0.0
		eSn		15 26.00	
TIR	2.13	355	iPnc	15 04.20	2.7X
		iSn		15 39.50	
GRG	2.46	45	ePn	15 06.40	0.2
		eSn		15 37.72	
VAY	2.81	41	iPn	15 07.50	-3.7X
PAIG	2.84	75	ePn	15 10.20	-1.4
		eSn		15 42.88	
KNT	2.88	47	ePn	15 12.45	0.3
SKO	2.92	20	iPn	15 14.00	1.2
		i		15 18.80	
SOH	2.95	56	ePn	15 12.68	-0.6
OUR	3.18	68	ePn	15 14.84	-1.6
SRS	3.26	53	ePn	15 17.40	-0.3
HVAR	4.82	326	eP	15 39.40	-0.3
HFS	21.32	351	eP	19 11.40	-0.7
	0.5s	1.30nm		3.6mb	
NAO	22.39	348	P	19 22.80	0.0
	0.8s	1.30nm		3.4mb	

S.D. = 1.2 on 16 of 19 obs.

& DEC 30, 1992 03h 54m 03.85s
60.144 N 148.426 W
DEPTH = 9.4km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.7 (AEIC).

LT1	0.30	110	iP	54	10.34	0.2
KNIM	0.40	59	iP	54	11.91	-0.1
SEW	0.51	266	iP	54	13.78	-0.5
			S	54	21.41	
MPA	0.58	307	iP	54	15.21	-0.3
			eS	54	23.80	
PTE	0.78	338	eP	54	18.56	-0.5
SLKM	0.96	293	eP	54	21.39	-0.9
			eS	54	34.64	
GLI	0.99	41	eP	54	22.03	-0.6
HIN	0.99	74	iP	54	21.21	-1.5
			eS	54	35.74	
FID	1.14	57	eP	54	23.15	-2.1
PMS	1.24	334	eP	54	25.69	-1.2
KNK	1.27	359	eP	54	26.08	-1.5
			eS	54	43.05	
MID	1.28	123	eP	54	25.30	-2.3
BRK	1.29	254	eP	54	26.17	-1.7
			eS	54	42.58	
CVA	1.39	72	eP	54	26.51	-2.8
			eS	54	44.85	
VLZ	1.43	45	eP	54	27.98	-1.9
			eS	54	46.91	
PLRM	1.49	347	eP	54	29.47	-1.3
PMR	1.49	347	eP	54	29.25	-1.5
			S	54	49.29	
NKA	1.52	295	eP	54	32.01	0.9
SGAM	1.64	76	eP	54	30.98	-1.9
PWA	1.67	335	eP	54	32.68	-0.6
SML	1.67	2	eP	54	32.14	-1.2
SUA	1.74	320	eP	54	34.35	-0.2
SCM	1.78	17	eP	54	33.25	-1.7
KLU	1.83	41	eP	54	34.59	-1.1
			eS	54	57.21	
RAGM	1.89	81	eP	54	33.62	-2.9
SPU	2.07	302	eP	54	37.17	-2.0
CGLM	2.11	305	eP	54	39.15	-0.7
CKN	2.14	302	eP	54	38.54	-1.7
CKT	2.14	301	eP	54	39.17	-1.1
CRP	2.15	303	eP	54	39.13	-1.4
			S	55	07.31	
REF	2.16	281	eP	54	38.30	-2.3
DFR	2.16	284	eP	54	38.26	-2.3
RSO	2.18	280	eP	54	39.23	-1.7
RS1	2.18	280	eP	54	39.89	-1.0
RS2	2.18	280	eP	54	39.94	-1.0
CKL	2.20	300	eP	54	39.31	-1.8
RDW	2.21	281	eP	54	39.44	-1.9
BGL	2.25	302	eP	54	39.97	-1.9
TOA	2.25	28	eP	54	39.97	-1.9
NCT	2.28	283	eP	54	40.44	-1.8
INE	2.32	270	eP	54	41.02	-1.9
INW	2.36	270	eP	54	42.27	-1.1
SKT	2.38	322	eP	54	41.60	-2.0
GLB	2.61	58	eP	54	44.77	-2.2
CROM	2.69	75	eP	54	45.04	-3.2
SDG	2.77	29	eP	54	47.56	-1.6
BALM	3.13	71	eP	54	51.34	-3.0
YAH	3.34	83	eP	54	54.10	-3.3
FBA	4.78	3	(P)	55	15.54	-2.2

49 obs. associated

DEC 30, 1992 04h 30m 13.13 ± 0.29s
20.243 S ± 7.1km 68.074 E ± 6.0km
DEPTH = 16.6km (14 depth phases)
5.3mb (62 obs.) 5.0Msz (16 obs.)
MID-INDIAN RIDGE (429)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 175, 22C
Centroid Location:
Origin Time 04:30:19.4 0.6
Lat 20.085 0.07 Lon 67.74E 0.08
Dep 15.0 FIX Half-duration 1.1
Moment Tensor; Scale 10¹⁶ Nm
Mrr= 0.55 0.47 Mtt= 8.42 0.48
Mff=-8.97 0.68 Mrt= 5.56 1.89
Mrf= 2.10 1.78 Mtf=-5.05 0.52
Principal Axes:
T Val= 11.93 Plg=24 Azm= 11
N -0.49 60 232

P	-11.44	18	109			
Best Double Couple: Mo=	1.2*10 ¹⁷					
NP1: Strike=	152 Dip=	60 Slip=	5			
NP2:	59	86	150			
CRZF	29.30	203	eP	36	33.00	16.2X
			e	40	51.00	
KOD	31.66	18	eP	36	41.00	2.7X
			ePP	37	32.00	
GBA	34.87	16	P	37	07.00	1.2
SLR	36.94	254	iPc	37	22.50	-1.0
	1.3s	96.15nm			5.4mb	
HYB	38.81	16	eP	37	39.10	0.0
BLF	38.90	248	eP	37	33.50	-6.5X
POD	38.95	9	iPd	37	39.50	-0.7
FRS	39.70	248	eP	37	34.50	-11.8X
IPM	40.70	56	ePc	37	56.30	1.6
	1.1s	33.40nm			5.0mb	
KGM	41.03	61	eP	38	00.00	2.5X
LWI	42.29	290	iPd	38	09.60	1.5
NNT	45.11	46	eP	38	31.70	1.1
MAW	47.46	183	e(P)	38	50.00	1.4
	1.0s	25.00nm			5.2mb	
NST	47.61	44	eP	38	58.00	7.7X
MBL	48.25	101	eP	38	37.30	-18.1X
CHG	49.22	40	eP	39	03.20	0.4
	1.1s	34.81nm			5.3mb	
NDI	49.43	11	eP	39	05.00	0.7
			eS	46	18.00	
QUE	50.15	359	eP	39	08.60	-1.4
			eS	46	24.80	
WARB	53.78	108	eP	39	36.00	-1.2
LSA	54.40	25	P	39	42.10	-0.1
	Z 20s	2.12um			5.2Msz	
	N 17s	2.32um				
BCAO	54.47	291	iPd	39	41.50	-0.9
	0.6s	76.00nm			5.9mb	
		ic	39	46.50	16km	
KMI	56.30	38	eP	39	57.00	1.3
	2.0s	200.00nm			5.8mb	
	Z 26s	1.90um			5.1MszX	
	N 15s	0.90um				
	E 15s	0.90um				
		S	47	50.00		
OIZ	56.56	49	eP	39	58.00	0.6
	N 13s	1.10um				
		S	47	51.00		
MAIO	56.82	352	eP	39	58.00	-1.1
MBH	59.12	326	eP	40	14.70	-0.6
GYA	59.63	40	iPc	40	19.00	0.0
	1.0s	31.00nm			5.4mb	
	Z 40s	1.12um			4.7MszX	
	N 20s	1.51um				
	E 20s	1.16um				
		S	48	30.00		
RMN	59.83	327	eP	40	19.80	-0.4
KSH	59.84	7	P	40	19.40	-0.8
	0.7s	20.00nm			5.4mb	
	Z 30s	2.17um			5.1MszX	
	E 13s	1.41um				
		PP	42	39.00		
NVL	60.17	199	eP	40	20.00	-2.0
	Z 17s	0.40um			4.6MszX	
	N 16s	0.30um				
	E 17s	0.20um				
ASPA	60.67	106	iPd	40	24.40	-1.8
	1.0s	28.60nm			5.4mb	
		e	42	56.00		
CD2	61.33	35	eP	40	29.10	-1.3
	1.0s	22.00nm			5.3mb	
	Z 20s	1.40um			5.1Msz	
		PP	42	44.00		
		eS	48	50.00		
HRI	61.52	329	eP	40	15.20	-16.5X
WRA	61.83	102	P	40	27.40	-6.6X
	0.7s	0.20nm			3.4mb X	
WB2	61.84	102	iPd	40	32.80	-1.3
	0.9s	18.70nm			5.2mb	
FRU	63.05	5	eP	40	41.00	-0.6
	2.0s	90.00nm			5.6mb	
ADE	63.13	120	e(P)	40	42.60	0.0
LZH	65.45	31	Pc	40	57.50	-0.1
	2.0s	67.00nm			5.5mb	
	Z 20s	0.99um			5.0Msz	
	N 12s	0.33um				
		PP	41	07.50	32kmX	
		PP	43	21.00		

eS	49	38.00				
STK	65.96	117	eP	40	59.30	-1.6
	0.9s	2.80nm			4.4mb	
WMO	66.24	15	P	41	02.00	-0.4
	1.0s	24.00nm			5.3mb	
	Z 17s	1.40um			5.2MszX	
	N 16s	1.38um				
		pP	41	12.00	32kmX	
		sP	41	14.00		
		PcP	41	31.50		
		PP	43	35.00		
		PcS	45	33.50		
		eScS	50	56.00		
GTA	66.35	26	eP	41	03.00	-0.3
	1.2s	16.00nm			5.1mb	
	Z 20s	1.73um			5.3Msz	
	N 16s	0.42um				
		pP	41	09.00	19km	
		S	49	52.00		
XAN	66.54	36	P	41	03.30	-1.1
	1.2s	32.00nm			5.4mb	
	Z 20s	0.97um			5.0Msz	
	N 18s	0.82um				
		eS	49	59.00		
GRO	66.54	342	iPc	41	05.00	0.8
	1.5s	160.00nm			6.0mb	
WHN	67.29	43	eP	41	10.50	1.3
	Z 20s	0.88um			5.0Msz	
		eS	50	08.00		
PYA	67.95	341	iP	41	13.00	-0.1
TOO	68.20	123	eP	41	14.00	-1.1
	1.1s	39.00nm			5.5mb	
CMS	69.58	117	eP	41	23.00	-0.6
	1.0s	9.00nm			4.9mb	
SPA	69.68	180	iPc	42	23.00	58.0X
	1.0s	60.00nm				
BWA	71.11	121	eP	41	32.20	-0.8
SEM	71.16	8	iPd	41	33.40	0.7
	1.9s	128.00nm			5.7mb	
	Z 17s	1.00um			5.1MszX	
		e	50	53.40		
TIY	71.16	36	eP	41	33.40	0.3
	Z 20s	1.00um			5.1Msz	
	E 19s	1.07um				
		S	50	54.50		
NJ2	71.19	44	Pd	41	34.00	0.8
CAN	71.39	122	eP	41	35.40	0.7
BTO	72.01	32	eP	41	37.50	-0.6
	1.0s	27.00nm			5.3mb	
	N 18s	0.73um				
	E 16s	0.63um				
		ePP	41	43.00	18km	
		S	51	00.00		
SSE	72.14	46	P	41	35.00	-3.9X
	1.0s	15.00nm			5.0mb	
	Z 20s	0.60um			4.9Msz	
	N 14s	0.30um				
		S	51	04.00		
TIA	72.82	40	eP	41	42.70	-0.2
	Z 22s	0.86um			5.0Msz	
		eS	51	10.00		
HHC	72.98	33	P	41	43.80	-0.1
	1.4s	86.00nm			5.6mb	
	Z 18s	0.61um			4.9Msz	
	E 14s	0.41um				
		S	51	13.00		
BRVK	73.02	1	iPd	41	42.00	-1.6
	1.3s	32.00nm			5.2mb	
		iS	51	13.00		
VAY	74.37	326	eP	41	50.00	-1.7
ARMA	74.67	117	eP	41	50.20	-3.9X
	1.2s	28.00nm			5.2mb	
ELT	74.86	11	iPd	41	54.00	-0.3
	1.3s	55.00nm				

		1.0s		7.10nm			4.4mb
WB2	44.04	270	iPd	17	11.10	0.0	
	0.3s						5.1mb
WRA	44.05	270	P	17	11.40	0.2	
	0.7s						3.5mb
NUR	144.52	341	ePKP	28	37.00	-1.9	
NAO	147.13	352	PKP	28	45.00	1.8	
	0.9s						1.90nm
	S.D. = 1.5 on 6 of 6 obs.						
?	DEC 30, 1992	05h	37m	44.73±	5.30s		
	24.024 N	±15.9km		122.705 E	±40.5km		
	DEPTH = 10.0km (geophysicist)						
	TAIWAN REGION (243)						
TWC	0.97	307	ePc	38	03.20	0.0	
			eS	38	16.80		
TWD	1.02	273	ePc	38	03.90	0.0	
TWZ	1.48	316	eP	38	11.40	0.0	
TWO	1.73	279	eP	38	15.10	0.1	
TWK	2.17	250	ePc	38	21.40	0.0	
	S.D. = 0.1 on 5 of 5 obs.						
	DEC 30, 1992	06h	25m	26.67±	0.13s		
	7.986 S	± 2.9km		159.041 E	± 3.8km		
	DEPTH = 50.1km (33 depth phases)						
	5.6mb (71 obs.)						
	SOLOMON ISLANDS (193)						
	Felt (II) at Honiara.						
	CENTROID, MOMENT TENSOR (HRV)						
	Data Used: GDSN						
	L.P.B.: 26S, 53C						
	Centroid Location:						
	Origin Time 06:25:30.1 0.4						
	Lat 7.96S 0.04 Lon 159.40E 0.03						
	Dep 37.4 2.0 Half-duration 1.4						
	Moment Tensor: Scale 10**17 Nm						
	Mrr=-2.10 0.05 Mtt= 1.60 0.08						
	Mff= 0.49 0.09 Mrt=-2.36 0.15						
	Mrf=-0.55 0.11 Mtf=-0.34 0.06						
	Principal Axes:						
	T Vol= 2.75 Plg=26 Azm=182						
	N 0.60 9 87						
	P -3.35 62 339						
	Best Double Couple:Mo=3.0*10**17						
	NP1:Strike=292 Dip=21 Slip= -63						
	NP2: 84 71 -100						
HNR	1.69	148	iPc	25	54.00	-0.3	
			i(S)	26	13.00		
RAB	7.81	298	e(P)	27	23.00	2.6X	
			iS	28	48.00		
MDG	13.45	281	eP	28	48.40	11.5X	
DZM	15.72	154	iPc	29	05.50	-1.0	
CTA	17.26	225	iPc	29	30.00	4.1X	
	0.5s	17.61nm					4.4mb X
		iS	32	45.00			
BRS	20.19	196	iPc	29	58.00	-2.0	
	1.0s	15.00nm					4.3mb X
		iS	33	45.00			
RMO							

[illegible]

30d 06h

	2.0s	205.00nm	5.8mb	WMOK	104.50	56 Pd	diff	39	40.00	11.7X		0.9s	5.40nm				
Z	18s	1.00um	5.2Msz														
	i		37 57.00	61kmX													
WMO	82.29	316 Pd	37 45.00	0.5	MIAR	108.79	56 PKP	44	00.00	7.5X		LLS	133.56	332 ePKPc	44	40.00	0.3
	1.5s	52.00nm	5.3mb		Z	21s	1.33um			5.5Msz		VDL	133.62	331 iPKPc	44	40.30	0.5
	Z	22s	0.83um	5.1Msz	KAF	115.97	337 ePKP	44	04.80	-0.5		BSF	133.83	334 ePKP	44	40.10	0.0
BALM	82.50	25 eP	37 44.10	-1.1	NUR	117.56	336 ePKP	44	06.10	-2.3		HAU	133.89	335 ePKP	44	40.10	0.0
FBA	82.62	20 ePd	37 43.66	-2.0	CEH	120.34	53 PKP	44	20.00	5.6X			1.0s	12.40nm			
	0.8s	67.69nm	5.7mb		RSNY	121.13	42 PKP	44	30.00	14.3X		Z	24s	0.90um		5.4MszX	
KOD	83.20	281 eP	37 52.00	2.0		Z	21s	0.62um		5.2Msz		TMA	134.18	331 ePKPc	44	40.80	-0.1
HYB	83.38	289 eP	37 50.40	-0.1	APO	121.44	341 ePKP	44	14.50	-1.3		SFI	134.18	327 PKP	44	41.30	0.7
	1.0s	45.00nm	5.5mb			0.4s	4.00nm					VAI	134.40	331 PKP	44	41.70	0.7
GBA	83.78	285 P	37 52.00	-0.5	NAO	122.20	342 PKP	44	15.80	-1.4		MMK	134.65	332 ePKPc	44	42.70	0.8
SIT	83.82	30 e(P)	37 52.50	0.7		1.0s	10.60nm					DIX	134.89	332 ePKPd	44	42.80	0.5
BRW	84.36	13 ePc	37 53.93	-0.4	CBM	124.20	37 PKP	44	30.00	8.5X		EMS	135.11	333 ePKPc	44	43.30	0.6
		epP	38 10.29	58km		Z	21s	0.86um		5.4Msz		LOR	135.50	336 ePKP	44	43.50	0.4
MAW	85.03	202 iP	37 58.00	0.2	ARE	124.42	116 ePKP	44	23.00	-0.2			0.9s	9.65nm			
	0.9s	26.67nm	5.4mb		MLR	125.04	321 ePKP	44	23.50	0.1		Z	22s	1.08um		5.5Msz	
ELT	86.22	325 iPd	38 03.00	-0.9	UZH	125.57	326 ePKP	44	23.00	-1.1		LPL	135.62	332 ePKP	44	44.40	0.7
		eS	48 24.00			1.4s	60.00nm						1.1s	13.45nm			
LGPM	86.31	48 eP	38 05.70	0.8			e	44	36.20			LPG	135.63	332 ePKP	44	44.40	0.6
		epP	38 21.05	53km	OJC	125.99	329 ePKP	44	24.80	-0.1			0.9s	11.30nm			
WDC	86.44	48 P	38 20.00	14.6X	SPC	126.37	328 ePKP	44	26.60	0.6		LBF	135.68	336 ePKP	44	43.80	0.3
Z	21s	0.74um	5.1Msz		PSZ	127.30	326 ePKP	44	27.40	-0.2			1.2s	10.70nm			
	86.68	299 iPd	38 06.00	-0.8	KSP	127.34	331 iPKPc	44	27.40	-0.1		SSF	135.81	336 ePKP	44	44.10	0.4
ORV	86.99	50 eP	38 08.14	0.1	CNCB	127.38	118 PKP	44	29.00	-0.2			1.0s	14.40nm			
GMW	87.94	42 eP	38 13.19	0.8	LPB	127.39	118 PKP	44	29.00	-0.1		FLN	135.84	341 ePKP	44	45.00	1.3
POO	87.98	289 iPc	38 12.50	-0.7	ZOBO	127.46	117 PKP	44	28.90	-0.6			1.1s	21.50nm			
MMPM	88.48	52 (P)	38 17.90	2.2X		1.7s	84.30nm					Z	23s	1.45um		5.6MszX	
PRZ	88.49	313 iPc	38 17.00	1.6			LR	26	08.00			LDF	135.87	340 ePKP	44	45.90	2.2
	1.0s	10.00nm	5.0mb		SRO	128.23	327 ePKP	44	29.40	0.2			1.0s	9.60nm			
ISA	88.55	54 P	38 30.00	14.3X	BRG	128.42	332 iPKP	44	28.80	-0.7		BNI	136.00	332 PKP	44	41.70	-2.6X
Z	19s	1.64um	5.4Msz			1.3s	40.00nm					SMF	136.01	335 ePKP	44	44.20	0.1
	88.56	42 eP	38 14.79	-0.7			e	44	44.00				1.0s	11.00nm			
SEM	89.02	321 ePd	38 17.70	0.2	CLL	128.54	333 iPKPc	44	29.80	0.1		AVF	136.09	336 ePKP	44	45.20	1.0
	1.3s	52.00nm	5.7mb			1.2s	30.00nm						1.1s	6.85nm			
BONR	89.11	52 eP	38 19.24	0.6		Z	20s	0.50um		5.2Msz		GRR	136.29	341 ePKP	44	46.10	1.6
PEC	89.29	56 eP	38 19.09	-0.1			e	44	43.00				1.1s	15.15nm			
	1.8s	143.52nm	6.0mb		ZST	128.63	328 ePKP	44	29.20	-0.8		BGF	136.49	336 ePKP	44	46.40	1.4
		epP	38 34.06	51km			e	44	43.70				1.0s	12.80nm			
KVN	89.47	51 eP	38 20.87	0.7	PRU	128.75	331 ePKP	44	30.50	0.3		PGF	136.64	327 ePKP	44	46.80	1.2
KSH	89.70	310 P	38 23.00	1.9		Z	20s	1.10um		5.5Msz			0.7s	20.30nm			
	1.0s	100.00nm	6.1mb		SKO	129.60	319 iPKP	44	33.30	1.2		LPF	136.66	341 ePKP	44	46.90	1.7
Z	24s	1.08um	5.2MszX			Z	20s	0.69um		5.3Msz		MAF	136.87	336 ePKP	44	47.20	1.4
		pP	38 36.00	43km			i	44	46.00				1.2s	11.30nm			
		sP	38 42.00		MOX	129.63	334 ePKP	44	34.50	2.7X		TCF	136.96	336 ePKP	44	47.40	1.5
GSC	89.82	54 eP	38 21.84	0.1		2.1s	60.00nm						1.0s	16.60nm			
TNP	89.97	52 eP	38 22.69	0.1		Z	22s	0.70um		5.3Msz		LMR	137.36	330 ePKP	44	48.20	1.5
	1.5s	80.65nm	5.8mb				e	44	46.40				1.1s	25.15nm			
DPW	91.03	42 eP	38 26.36	-0.6			e	46	39.00			MFF	137.59	339 ePKP	44	48.80	1.7
GLA	91.08	57 eP	38 28.63	1.1	KHC	129.79	331 PKP	44	33.60	1.4			1.0s	16.80nm			
FRU	91.30	313 eP	38 28.00	-0.3		1.2s	13.00nm					LPO	138.69	336 ePKP	44	49.80	0.6
	2.0s	70.00nm	5.7mb			Z	20s	1.40um		5.7Msz			1.0s	10.60nm			
		e	38 43.00	51km		N	20s	0.80um				BTH	140.55	336 ePKP	44	50.00	-2.6X
NEW	91.81	42 eP	38 29.19	-1.4		E	20s	0.70um					i (Sg)	44	53.00		
	0.7s	26.21nm	5.8mb				e	44	46.50			BCAO	140.59	267 iPKPc	44	44.90	-8.6X
		epP	38 44.88	54km			e	45	30.00				0.7s	6.00nm			
ARUT	92.88	52 eP	38 36.54	0.7	GEC2	129.92	331 PKP	44	31.90	-0.7			ic	45	19.10		
DUG	93.68	50 eP	38 39.43	0.0		0.9s	7.59nm						id	46	18.10		
	0.7s	6.70nm	5.2mb				e	44	35.00	2.7X			ic	48	12.30		
HVU	93.91	49 eP	38 41.18	0.7	WIT	129.97	338 ePKP	44	35.00			ETOR	143.23	336 ePKP	44	54.93	-2.5X
		epP	38 55.56	49km		1.0s	31.00nm					STS	143.57	345 ePKP	44	59.60	1.8
MSU	93.96	52 eP	38 42.57	1.6	WET	130.11	331 iPKPd	44	34.50	1.7		GUD	144.20	338 iPKPc	44	59.78	0.6
TUC	94.36	58 eP	38 43.96	1.3	OHR	130.44	319 iPKP	44	33.80	0.0		BAO	144.39	131 PKPc	44	56.40	-3.8X
	0.8s	4.63nm	5.0mb		GRF	130.49	333 ePKP	44	33.50	0.0			e	45	14.90		
	Z	21s	1.03um	5.3Msz			0.70um			5.4Msz			e	45	21.00		
		epP	38 58.29	48km			e	44	47.10				e	45	30.70		
LCCM	95.02	45 eP	38 45.60	0.0	WTS	130.57	338 ePKP	44	35.00	1.5			e	45	40.20		
EMUT	95.16	51 eP	38 47.26	0.8	PTJ	130.67	326 iPKPc	44	36.50	2.4X			e	45	49.00		
		epP	39 02.04	50km	SDV	130.88	85 iPKPc	44	34.60	-0.9		PAB	145.22	337 iPKPc	45	01.00	0.1
SRU	95.31	51 eP	38 47.70	0.6	KBA	131.29	329 iPKPc	44	34.00	-1.4		EVIA	145.24	334 iPKPc	45	00.86	-0.1
		(pP)	39 04.06	57km			e	46	47.00			EPLA	145.40	340 iPKPc	45	01.40	0.3
BRVK	95.57	323 iPd	38 46.50	-1.2	ENN	131.88	337 ePKP	44	37.00	0.9		EALH	145.40	332 ePKP	45	00.15	-1.0
	1.0s	22.00nm	5.6mb			1.0s	12.00nm					EHUE	145.97	334 iPKPd	45	02.48	0.3
PV09	96.33	52 eP	38 52.84	1.0	WTTA	132.02	330 iPKPc	44	36.90	0.2		EBAN	146.18	335 ePKP	45	03.56	1.1
ALQ	98.20	56 P	39 10.00	9.8X		1.0s	25.80nm					ENIJ	146.49	332 iPKPc	45	03.74	0.8
	Z	22s	1.38um	5.4Msz			i	44	51.20			ECOG	146.84	334 ePKP	45	03.74	0.1
GOL	99.34	51 P	39 20.00	14.6X	MOTA	132.22	331 iPKPc	44	37.10	0.0		EHOR	147.07	337 iPKPd	45	05.00	1.2
	Z	21s	0.48um	5.0Msz	SQTA	132.26	331 iPKPc	44	37.30	0.2		EGUA	147.21	334 iPKPd	45	04.64	0.5
GLD	99.45	51 eP	39 08.12	2.3X		0.9s	20.10nm					MAL	147.67	335 ePKP	45	08.00	3.2X
	1.7s	38.17nm	5.7mb				i	44	49.10			EPUR	147.80	336 ePKP	45	08.55	3.5X
	Z	21s	1.77um	5.5Msz	WLF	132.67	336 PKP	44	39.00	1.4		EVAL	147.84	339 iPKPd	45	06.62	1.5
RSSD	100.47	47 ePd	diff39 10.52	0.1	SNF	132.70	338 PKP	44	38.80	1.2		EJIF	148.34	336 iPKPc	45	07.70	1.8
	1.5s	34.89nm	5.7mb		DOU	132.93	338 PKP	44	39.80	1.7		IFR	150.68	332 iPKP	45	13.00	3.2X
	Z	21s	0.73um	5.2Msz	SLE	133.13	333 ePKPc	44	38.80	0.2			i	45	17.00		
RES	101.88	15 ePd	diff39 16.50	0.9	OSS	133.15	331 ePKPd	44	39.00	0.1		AVE	15				

KIC 163.83 265 PKP 45 26.30 0.2
1.0s 16.00nm
LIC 164.09 265 PKP 45 26.40 0.0
1.0s 21.00nm
Z 20s 0.40um
TIC 164.13 266 PKP 45 26.60 0.2
KDS 170.26 299 iPKP 45 30.00 -0.7
S.D. = 1.0 on 227 of 264 obs.

* DEC 30, 1992 07h 13m 49.24±1.23s
39.276 N ±10.0km 28.654 E ±11.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.2 (ISK).

DST 0.33 357 iPg 13 56.40 0.3
iSg 14 01.40
KCT 1.00 347 ePg 14 08.80 0.6
EDC 1.23 331 ePn 14 11.00 -1.1
IZM 1.40 232 ePn 14 15.00 0.2
YLV 1.40 232 ePn 14 13.80 -1.1
GBZT 1.63 22 ePn 14 19.60 1.6
eSg 14 41.30
GPA 1.63 51 ePn 14 17.50 -0.6
S.D. = 1.2 on 7 of 7 obs.

% DEC 30, 1992 07h 21m 14.23±0.74s
40.882 N ±6.4km 22.994 E ±5.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE 0.25 185 ePg 21 19.56 0.0
eSg 21 23.12
SOH 0.28 102 ePg 21 20.24 0.1
eSg 21 24.36
KNT 0.29 345 ePg 21 20.46 0.2
eSg 21 24.48
GRG 0.46 280 ePg 21 23.38 -0.1
eSg 21 30.04
SRS 0.51 62 ePg 21 24.36 -0.2
eSg 21 31.12
S.D. = 0.2 on 5 of 5 obs.

* DEC 30, 1992 07h 39m 24.58±1.95s
39.269 N ±16.1km 28.841 E ±8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.2 (ISK).

DST 0.37 334 iPg 39 31.90 -0.4
iSg 39 36.90
KCT 1.05 339 iPg 39 44.80 0.5
EDC 1.31 325 ePn 39 49.00 0.2
YLV 1.36 17 ePn 39 49.30 -0.3
GPA 1.52 48 ePn 39 52.00 0.1
GBZT 1.59 17 ePn 39 56.00 3.2X
iSg 40 17.00
EZN 2.02 287 ePn 39 59.00 -0.1
S.D. = 0.4 on 6 of 7 obs.

* DEC 30, 1992 08h 05m 08.09±0.64s
6.776 S ±11.7km 147.328 E ±8.9km
DEPTH = 33.0km (normol)
4.8mb (5 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

FINC 0.55 73 iPc 05 20.00 0.6
MDG 2.16 314 eP 05 46.50 4.0X
RAB 5.45 62 eP 06 28.00 -1.2
HNR 12.77 103 eP 08 11.00 0.9
WB2 18.17 223 eP 09 21.30 1.7
0.4s 30.40nm 4.8mb
RMO 19.65 176 eP 09 36.70 -0.6
0.7s 25.00nm 4.6mb
ASPA 21.18 216 eP 09 52.90 -0.2
0.5s 25.30nm 4.9mb
eS 13 50.00
ARMA 23.86 171 eP 10 20.30 0.7
1.0s 23.00nm 4.7mb
DZM 23.91 131 iPc 10 17.90 -2.2
CMS 24.62 183 eP 10 27.20 0.4
WARB 27.59 223 eP 10 54.00 -0.5
BFD 30.57 188 eP 11 20.20 -0.8
TOO 30.70 183 eP 11 30.80 8.6X
MRWA 37.02 229 eP 12 16.00 -0.7
KLB 37.04 224 eP 12 16.00 -0.9
MUN 38.34 225 eP 12 28.00 0.2

SSE 45.21 328 P 13 34.50 10.5X
0.8s 7.00nm
NNT 51.06 292 eP 14 23.70 13.9X
NST 51.79 296 eP 14 32.00 16.8X
KMI 53.73 308 eP 14 52.50 22.7X
LZH 59.01 319 eP 15 07.00 -0.4
1.4s 16.00nm 5.0mb

POD 76.65 291 eP 17 17.00 19.0X
GEC2 122.73 325 PKP 23 59.80 -2.5X
0.5s 0.24nm
CNCB 137.95 124 PKP 24 35.00 2.1
LPB 137.99 124 ePKP 24 35.00 2.2
ZOBO 138.09 123 ePKP 24 27.00 -6.3X
SIV 143.91 129 PKP 24 43.50 0.7
i 24 49.50

KIC 152.25 271 PKP 24 54.20 -1.9
BAO 153.05 146 e(PKP) 24 54.00 -3.3X
e 24 56.00
e 25 03.00
e 25 17.00
S.D. = 1.3 on 19 of 29 obs.

? DEC 30, 1992 08h 25m 28.82±9.84s
19.292 N ±45.3km 64.891 W ±70.5km
DEPTH = 10.0km (geophysicist)
VIRGIN ISLANDS (91)

LPR 1.35 224 iP 25 53.70 0.0
CPD 1.58 218 iP 25 57.00 0.1
SJJ 1.67 226 iP 25 58.20 -0.1
APR 1.93 245 iP 26 02.00 0.0
PORP 2.06 234 iP 26 04.00 0.1
S.D. = 0.1 on 5 of 5 obs.

% DEC 30, 1992 09h 02m 43.29±1.22s
40.412 N ±11.3km 21.841 E ±7.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)

FNA 0.51 317 ePg 02 53.70 0.0
eSg 03 01.14
LIT 0.59 122 ePg 02 55.10 -0.1
GRG 0.69 38 ePg 02 56.26 -0.7
OHR 1.06 312 ePn 03 03.30 0.1
KNT 1.10 47 ePg 03 04.66 0.7
S.D. = 0.7 on 5 of 5 obs.

% DEC 30, 1992 09h 53m 51.66±0.54s
40.635 N ±4.6km 22.991 E ±4.3km
DEPTH = 5.0km (geophysicist)
GREECE (364)

THE 0.02 260 ePg 53 53.26 0.5
eSg 53 54.21
SOH 0.33 56 ePg 53 58.72 0.3
KNT 0.53 352 ePg 54 02.73 0.4
eSg 54 10.48
GRG 0.55 306 ePg 54 02.36 -0.3
LIT 0.66 216 ePg 54 04.32 -0.5
SRS 0.66 43 ePg 54 04.24 -0.7
OUR 0.81 111 ePg 54 07.88 0.0
PAIG 0.88 143 ePg 54 09.28 0.2
S.D. = 0.5 on 8 of 8 obs.

DEC 30, 1992 10h 13m 34.75±0.86s
3.464 S ±9.6km 130.922 E ±27.5km
DEPTH = 33.0km (normol)
5.0mb (1 obs.)
SERAM, INDONESIA (272)

SWI 2.61 7 ePc 14 14.50 -1.0
iS 14 43.50
MTN 9.32 179 eP 15 49.00 -1.0
0.4s 67.00nm 6.2mb X
eS 17 26.00
WB2 16.72 169 eP 17 27.00 -1.2
eS 20 21.80
ASPA 20.29 172 eP 18 10.40 -0.3
0.6s 45.00nm 5.0mb
eS 21 47.70

MBL 20.63 211 eP 17 54.00 -20.2X
BWA 34.84 154 eP 20 26.20 1.3
CAN 35.85 154 eP 20 35.00 1.5
CHG 38.48 306 eP 20 56.50 0.7
CNCB 152.53 138 PKP 33 34.00 10.3X
ZOBO 152.80 137 ePKP 33 33.00 8.8X
S.D. = 1.4 on 7 of 10 obs.

DEC 30, 1992 10h 22m 28.63±1.06s
39.298 N ±8.2km 28.732 E ±8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.2 (ISK).

DST 0.32 345 iPg 22 34.90 -0.3
eSg 22 39.30
KCT 0.99 343 iPn 22 47.10 -0.4
BNT 1.23 330 iPn 22 51.50 0.0
EDC 1.24 328 ePn 22 52.00 0.3
YLV 1.36 21 ePn 22 53.00 -0.7
IZM 1.46 232 ePn 22 55.00 0.0
GPA 1.57 50 ePn 22 56.20 -0.4
GBZT 1.59 20 ePn 22 58.20 1.4
iSg 23 20.00
S.D. = 0.8 on 8 of 8 obs.

& DEC 30, 1992 10h 30m 43.79s
58.289 N 151.250 W
DEPTH = 0.0km
3.3mb (1 obs.)
KODIAK ISLAND REGION (13)
<AEIC>. ML 4.0 (AEIC), 4.0 (PMR).

SYI 0.68 299 eP 30 57.95 0.6
KDC 0.86 231 iPd 31 01.18 0.3
S 31 13.21
CNPM 1.24 0 eP 31 06.49 -1.3
CDD 1.41 298 eP 31 08.74 -1.9
eS 31 27.81
BRLK 1.49 7 P 31 10.01 -1.9
eS 31 32.46
AUE 1.54 315 eP 31 11.34 -1.2
eS 31 33.15
AUI 1.54 314 eP 31 11.11 -1.5
eS 31 32.71
eS 31 33.01
AUP 1.56 315 eP 31 11.73 -1.2
AUH 1.57 314 eP 31 12.44 -0.6
S 31 33.07
AUL 1.58 315 eP 31 12.00 -1.1
AUW 1.58 314 eP 31 12.95 -0.2
OPT 1.71 324 eP 31 13.54 -1.5
ILIM 2.00 335 eP 31 16.79 -2.5
INE 2.01 333 eP 31 16.78 -2.7
eS 31 45.93
INW 2.03 332 P 31 17.33 -2.4
SEW 2.04 26 eP 31 16.58 -3.2
PDB 2.14 316 eP 31 18.84 -2.4
eS 31 49.03
SLKM 2.29 13 eP 31 20.28 -3.1
RS1 2.31 341 iP 31 21.01 -2.9
RSO 2.31 341 iP 31 20.99 -3.0
eS 31 53.52
RS2 2.31 341 iP 31 21.04 -2.9
REF 2.33 342 iP 31 21.16 -3.0
RDW 2.34 341 iP 31 21.26 -3.1
RDN 2.36 342 eP 31 21.59 -3.0
RDT 2.37 346 eP 31 21.29 -3.3
MPA 2.41 23 eP 31 21.63 -3.5
DFR 2.42 343 eP 31 22.11 -3.3
NCT 2.44 340 iP 31 22.60 -3.0
eS 31 55.68
NKA 2.46 0 P 31 24.35 -1.5
LTI 2.48 43 eP 31 22.08 -4.0
KNIM 2.74 40 eP 31 26.09 -3.8
PTE 2.82 23 eP 31 27.75 -3.2
SPU 2.93 352 eP 31 28.95 -3.6
S 32 10.72
CKT 2.96 351 eP 31 29.75 -3.3
CKL 2.97 350 eP 31 29.59 -3.6
CKN 2.98 351 eP 31 30.38 -2.9
CRP 3.02 352 eP 31 30.18 -3.8
S 32 17.90
CP2 3.03 351 eP 31 30.60 -3.5
S 32 19.23
BGL 3.04 350 eP 31 30.73 -3.4
CGLM 3.05 353 eP 31 31.10 -3.2
PMS 3.09 15 eP 31 32.00 -2.7
SUA 3.20 4 eP 31 32.92 -3.4
HIN 3.22 47 eP 31 32.98 -3.7
GLI 3.35 37 eP 31 34.41 -4.1
KNK 3.44 23 eP 31 35.94 -3.8
PWA 3.44 11 eP 31 37.50 -2.3

30d 10h

FID	3.46	43	eP	31	44.30	
PLRM	3.48	17	eP	31	35.73	-4.4
PMR	3.48	17	eP	31	36.36	-3.9
			eS	32	31.17	-4.7
SVW	3.59	324	eP	31	37.59	-4.3
			eS	32	33.14	
CVA	3.61	49	eP	31	38.00	-4.1
SKT	3.71	358	eP	31	39.94	-3.6
VLZ	3.79	39	eP	31	41.10	-3.6
SGAM	3.80	52	eP	31	41.50	-3.5
SML	3.82	21	eP	31	41.68	-3.6
RAGM	3.97	55	eP	31	43.31	-4.0
SCM	4.06	27	eP	31	45.29	-3.4
KLU	4.19	38	eP	31	46.76	-3.6
TOA	4.59	31	eP	31	54.00	-2.1
SNH	4.72	63	eP	31	54.53	-3.4
CRQM	4.81	56	eP	31	55.24	-4.2
GLB	4.90	47	eP	31	56.45	-4.2
TTA	5.21	335	eP	31	59.82	-5.2
	2.2s	28.32nm			4.5mb X	
BALM	5.29	55	eP	32	01.77	-4.3
YAH	5.29	63	eP	32	02.68	-3.6
FBA	6.84	12	eP	32	22.83	-4.9
	0.4s	4.35nm			5.0mb X	
IMA	7.89	353 (P)		32	38.12	-4.5
	0.8s	5.45nm			4.8mb X	
YKA	10.41	61	eP	34	59.10	-2.7
	0.8s	1.80nm			3.3mb	
68 obs. associated						

DEC 30, 1992 10h 56m 43.56±0.56s
 41.431 N ± 5.2km 0.364 W ± 6.8km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 2.8 (MDD).

EGRA	0.76	3	ePg	56	59.00	0.6
EROO	0.84	136	ePg	56	59.50	-0.3
			eSg	57	10.30	
ETOR	1.42	245	ePn	57	08.90	-0.5
			eSn	57	29.20	
ENSF	1.47	21	P	57	08.88	-1.3
EPF	1.68	18	Pg	57	12.80	-0.4
			Sg	57	36.60	
SALF	1.76	41	P	57	14.06	-0.3
ECHE	1.90	194	ePn	57	16.90	0.6
			eSn	57	41.20	
ECRI	1.99	307	ePn	57	17.90	0.3
			eSn	57	42.10	
GRBF	2.00	44	Pg	57	18.43	0.7
LESF	2.01	37	P	57	18.71	0.7
S.D. = 0.8 on 10 of 10 obs.						

* DEC 30, 1992 10h 58m 45.59±0.85s
 41.201 N ± 8.3km 0.847 W ± 8.4km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 2.8 (MDD).

ETOR	0.99	248	ePg	59	04.10	-0.3
			eSg	59	20.10	
EROO	1.02	111	ePg	59	04.00	-0.9
			eSg	59	18.50	
EGRA	1.07	22	ePg	59	06.50	0.8
			eSg	59	23.50	
ECHE	1.61	183	ePn	59	15.20	1.0
			eSn	59	37.80	
ECRI	1.88	319	ePn	59	17.50	-0.6
			eSn	59	40.00	
EPF	2.03	25	Pg	59	17.90	-2.4X
			Sg	59	42.90	
S.D. = 1.2 on 5 of 6 obs.						

? DEC 30, 1992 11h 41m 06.17±3.87s
 39.058 N ± 31.9km 27.667 E ± 9.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

DST	0.92	53	iPn	41	23.80	-0.1
EZN	1.29	307	ePn	41	30.10	0.0
EDC	1.30	7	ePn	41	30.00	-0.2
KCT	1.30	24	iPn	41	30.50	0.2
S.D. = 0.3 on 4 of 4 obs.						

? DEC 30, 1992 12h 40m 11.59±5.97s
 40.927 N ± 26.7km 24.146 E ± 44.5km

DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

SRS	0.46	295	ePg	40	20.74	-0.2
			eSg	40	27.58	
OUR	0.60	192	ePg	40	23.10	-0.7
			eSg	40	33.98	
SOH	0.61	260	ePg	40	23.58	-0.4
			eSg	40	34.74	
KNT	0.97	284	ePg	40	30.57	0.5
			eSg	40	45.66	
PAIG	1.06	200	ePg	40	32.34	0.8
GRG	1.32	272	ePb	40	37.38	1.3X
S.D. = 0.9 on 5 of 6 obs.						

? DEC 30, 1992 12h 41m 05.78±6.35s
 40.909 N ± 27.0km 24.178 E ± 47.6km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

SRS	0.49	295	ePg	41	15.06	-0.7
			eSg	41	24.54	
OUR	0.59	195	ePg	41	18.02	0.3
			eSg	41	27.90	
SOH	0.63	262	ePg	41	18.46	0.0
			eSg	41	29.42	
KNT	1.00	285	ePg	41	25.54	0.8
			eSg	41	41.58	
PAIG	1.05	201	ePb	41	25.22	-0.4
S.D. = 0.8 on 5 of 5 obs.						

? DEC 30, 1992 12h 45m 20.59±2.94s
 4.184 S ± 43.1km 143.638 E ± 11.3km
 DEPTH = 33.0km (normol)
 5.0mb (1 obs.)
 NEW GUINEA, PAPUA NEW GUINEA (202)

MDG	2.38	116	eP	45	59.00	0.8
WB2	18.09	209	iPd	49	32.60	1.4
			eS	52	45.60	
RMO	22.71	168	eP	50	19.00	-1.9
	1.0s	59.00nm			5.0mb	
WARB	27.27	215	eP	51	04.20	0.2
COOL	33.98	216	iPd	52	03.00	-0.4
	0.3s	27.00nm			5.7mb X	
MRWA	36.14	223	eP	52	22.00	0.1
KLB	36.53	219	eP	52	24.50	-0.6
BAL	36.55	221	eP	52	25.30	0.1
MUN	37.77	220	eP	52	35.70	0.2
LZH	54.67	321	eP	55	14.50	25.4X
	1.5s	16.00nm				
SIV	148.38	130	iPKPc	05	07.40	4.7X
S.D. = 1.1 on 9 of 11 obs.						

% DEC 30, 1992 12h 46m 36.74±2.01s
 39.343 N ± 18.2km 28.813 E ± 14.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

DST	0.30	332	iPg	46	42.80	-0.2
			iSg	46	47.80	
KCT	0.97	339	iPn	46	56.00	0.8
ALT	1.05	105	ePn	46	56.60	0.0
BNT	1.22	326	ePn	46	59.00	-0.5
YLV	1.30	19	ePn	47	00.50	-0.3
S.D. = 0.7 on 5 of 5 obs.						

DEC 30, 1992 12h 59m 45.42±0.61s
 45.153 N ± 6.5km 148.042 E ± 4.8km
 DEPTH = 132.9 ± 5.1 km
 4.7mb (54 obs.)
 KURIL ISLANDS (221)

KUR	0.15	303	iPnc+	00	03.00	0.0
			iS	00	16.00	
YSS	4.15	299	iPnc	00	49.60	1.6
			iS	01	37.80	
SKR	7.73	42 (Pn)		01	38.00	1.6
			eS	02	59.30	
MAT	11.37	224 (P)		02	23.00	-1.9
	0.9s	8.40nm			4.4mb X	
MDJ	13.10	274	eP	02	45.60	-1.8
MGD	15.06	5	eP	03	13.00	0.7
CN2	16.18	273	eP	03	26.00	-0.3
SNY	18.04	268	Pd	03	48.30	-0.5

YAK	1.0s	37.00nm			4.6mb
	19.96	334 eP	04	06.10	-2.7
	0.8s	50.00nm			5.0mb
		eS	07	43.00	
DL2	20.54	262 P	04	15.00	0.1
	0.5s	36.00nm			5.0mb
BJI	23.92	269 eP	04	48.50	0.6
	1.6s	81.00nm			5.0mb
BOD	24.31	314 eP	04	49.40	-2.1
TIA	24.97	260 eP	04	58.30	0.4
	0.8s	80.00nm			5.3mb
SSE	25.22	245 P	05	01.00	0.8
	1.0s	22.00nm			4.6mb
NJ2	26.14	250 Pc	05	09.00	0.4
HHC	26.87	274 P	05	16.20	0.8
	1.0s	40.00nm			5.0mb
TIY	27.54	267 eP	05	22.00	0.6
BTO	28.06	274 eP	05	26.00	-0.1
WHN	30.09	253 eP	05	42.50	-1.6
LZH	34.38	270 iPd	06	22.50	0.9
	1.2s	110.00nm			5.5mb
		pP	06	49.00	119kmX
GTA	35.71	278 P	06	34.00	1.3
	1.0s	14.00nm			4.7mb
SVW	36.08	43 eP	06	35.90	0.4
IMA	37.16	35 eP	06	44.09	-0.5
	0.6s	4.60nm			4.5mb
CD2	37.20	263 Pd	06	45.80	0.6
	0.8s	48.00nm			5.3mb
GYA	37.90	255 iPd	06	51.00	-0.2
	1.0s	29.00nm			5.0mb
SLKM	38.75	44 eP	06	57.07	-0.8
PMS	39.01	43 eP	06	59.70	-0.3
	0.6s	7.10nm			4.6mb
FBA	39.59	37 eP	07	04.47	-0.2
	0.7s	4.10nm			4.3mb
		e	07	32.50	
TOA	40.53	41 eP	07	13.20	0.7
WMO	42.19	290 eP	07	26.20	-0.1
BALM	42.50	42 eP	07	28.20	-0.5
LSA	46.80	271 iPd	08	05.30	1.5
	0.7s	18.00nm			4.9mb
CHG	48.29	254 ePd	08	15.40	0.5
	1.0s	17.50nm			4.8mb
RES	53.44	17 eP	08	52.50	-0.5
YKA	54.28	35 eP	08	58.20	-1.2
	0.7s	1.40nm			4.0mb
NDI	57.21	279 iPd	09	20.80	0.1
	0.5s	45.77nm			5.7mb
NEW	60.93	50 eP	09	45.70	-0.5
	1.0s	15.00nm			4.9mb
KAF	63.34	333 iP	09	59.30	-2.6
	0.4s	2.50nm			4.5mb
HYB	63.45	268 eP	10	02.30	-1.0
ORV	63.65	60 eP	10	04.30	0.0
NUR	65.08	333 iP	10	10.70	-2.4
	0.3s	3.70nm			4.8mb
LCCM	65.25	49 eP	10	14.50	-0.2
WRA	65.97	194 P	10	18.40	-0.9
	0.5s	0.30nm			3.5mb X
POO	66.04	273 iPd	10	19.50	-0.4
GBA	66.82	266 P	10	26.00	1.2
TNP	67.18	59 eP	10	28.00	0.8
	0.8s	5.88nm			4.5mb
NAO	68.81	339 P	10	34.20	-2.4
	0.5s	1.10nm			3.9mb
ASPA	69.69	194 P	10	42.70	0.3
EMUT	69.80	54 (P)	10	43.38	0.1
RSSD	70.53	47 eP	10	46.61	-1.0
	0.6s	5.34nm			4.5mb
CLL	76.36	333 iP	11	20.80	-0.2
	0.9s	15.00nm			4.8mb
EKA	76.96	344 Pc	11	24.60	0.3
	0.5s	3.10nm			4.3mb
PRU	76.98	331 eP	11	25.00	0.5
MOX	77.38	333 eP	11	27.40	0.7
KHC	78.04	331 eP	11	30.50	0.1
	1.0s	3.50nm			4.1mb
GEC2	78.24	331 Pc	11	31.50	-0.1
	0.4s	1.22nm			4.0mb
GRF	78.33	333 eP	11	33.00	1.1
KBA	79.88	330 iPc	11	41.30	0.8
	0.8s	16.30nm			4.8mb
PTJ	79.94	328 eP	11	39.50	-1.3
WTTA	80.31	332 iPc	11	43.50	0.7
	1.0s	27.40nm			5.0mb
SQTA	80.49	332 iPc	11	44.30	0.6

CDF	1.0s	18.20nm	4.8mb	
	80.69	335 eP	11 44.70	0.0
	0.9s	5.55nm	4.3mb	
SKO	81.02	323 eP	11 47.00	0.6
HAU	81.33	335 eP	11 48.50	0.6
	0.7s	5.85nm	4.5mb	
BSF	81.36	335 eP	11 47.80	-0.4
	0.8s	3.35nm	4.2mb	
OHR	82.00	323 eP	11 51.50	0.0
FLN	82.50	340 eP	11 54.50	0.5
	0.9s	8.70nm	4.6mb	
LDF	82.57	339 eP	11 55.00	0.7
	0.6s	1.80nm	4.1mb	
LOR	82.72	336 eP	11 55.60	0.4
	0.8s	6.45nm	4.5mb	
GRR	82.94	340 eP	11 57.00	0.8
	0.8s	6.70nm	4.6mb	
ORX	82.95	333 P	11 56.04	-0.4
LBF	82.95	336 eP	11 56.70	0.3
	1.1s	14.40nm	4.7mb	
SSF	83.01	336 eP	11 57.10	0.5
	0.8s	6.30nm	4.5mb	
SMF	83.30	336 eP	11 58.60	0.5
	0.9s	25.90nm	5.1mb	
AVF	83.30	336 eP	11 58.70	0.6
	0.8s	13.70nm	4.9mb	
LPF	83.32	340 eP	11 59.00	0.9
	1.2s	22.90nm	4.9mb	
LPL	83.45	334 eP	11 59.20	0.0
	0.8s	12.75nm	4.8mb	
LPG	83.46	334 eP	11 59.30	0.0
	0.8s	16.80nm	5.0mb	
RSP	83.61	333 P	11 59.24	-0.6
BGF	83.66	337 eP	12 00.90	1.0
	0.6s	7.75nm	4.7mb	
BHB	83.88	333 P	11 59.88	-1.2
RRL	83.96	333 P	12 02.68	0.9
MAF	84.04	337 eP	12 02.70	0.8
	0.6s	9.85nm	4.8mb	
TCF	84.08	337 eP	12 02.50	0.4
	0.7s	3.30nm	4.3mb	
ROB	84.17	332 P	12 02.36	-0.3
PZZ	84.23	333 P	12 02.08	-0.9
MFF	84.42	339 eP	12 04.70	1.0
	0.7s	0.35nm	3.3mb X	
IMI	84.51	332 P	12 04.23	-0.1
SBF	84.70	333 eP	12 04.50	-0.8
	0.6s	12.55nm	5.0mb	
RJF	85.18	337 eP	12 07.60	0.0
	1.3s	18.05nm	4.8mb	
LRG	85.41	333 eP	12 08.50	-0.2
	0.6s	9.55nm	4.9mb	
LMR	85.47	333 eP	12 08.60	-0.4
	1.2s	24.70nm	5.0mb	
LFF	85.73	337 eP	12 10.70	0.4
	0.8s	20.40nm	5.1mb	
LPO	85.84	337 eP	12 11.20	0.3
	0.9s	11.95nm	4.8mb	
S.D. = 0.9 on 94 of 94 obs.				

? DEC 30, 1992 13h 28m 32.04±3.23s
42.295 N ±28.6km 23.911 E ±10.5km
DEPTH = 10.0km (geophysicist)

BULGARIA (359)

SRS	1.20	192 ePb	28 54.32	-0.1
		eSb	29 13.92	
KNT	1.36	214 ePb	28 57.05	0.0
VAY	1.40	226 ePn	28 56.70	-0.8
SOH	1.53	196 ePb	28 58.88	-0.6
		eSb	29 23.52	
GRG	1.75	221 ePb	29 03.88	1.2
SKO	1.87	261 ePn	29 07.50	3.2X
OUR	1.96	178 ePn	29 06.08	0.4
		eSn	29 33.36	
ALN	2.12	130 ePn	29 07.96	-0.1
		eSn	29 37.32	
S.D. = 0.8 on 7 of 8 obs.				

* DEC 30, 1992 13h 39m 22.10±1.57s
10.989 N ±11.8km 94.651 E ±7.8km
DEPTH = 59.9 ±20.2 km
4.2mb (3 obs.)

ANDAMAN ISLANDS, INDIA (703)

NNT	5.22	72 eP	40 40.70	1.1
KHT	5.38	45 eP	40 40.50	-1.3

SNG	7.00	122 eP	41 19.00	14.6X
KMI	16.01	28 eP	43 15.00	9.8X
	1.5s	40.00nm	4.3mb	
HYB	16.86	294 eP	43 17.00	1.3
KOD	16.91	269 eP	43 15.20	-1.4
GBA	17.02	281 P	43 18.00	0.3
PKI	18.64	334 P	43 38.14	0.2
GUN	18.74	335 P	43 38.36	-0.7
DMN	18.81	333 P	43 40.32	0.4
KKN	18.89	334 P	43 40.84	0.0
GKN	19.36	332 P	43 46.04	0.1
LZH	26.34	17 eP	44 51.00	-3.4X
	1.2s	13.00nm	4.4mb	
QUE	32.06	311 eP	45 45.70	0.0
WRA	49.71	128 P	48 10.40	-0.1
	0.6s	0.20nm	3.3mb	
S.D. = 1.0 on 12 of 15 obs.				

DEC 30, 1992 13h 55m 18.68±0.72s
10.753 N ±9.4km 94.413 E ±9.2km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)

ANDAMAN ISLANDS, INDIA (703)

NNT	5.52	70 eP	56 40.30	-0.5
KHT	5.72	45 eP	56 44.00	0.5
KMI	16.33	28 eP	59 14.50	7.1X
	1.4s	40.00nm	4.4mb	
PKI	18.75	334 P	59 37.98	0.3
GUN	18.86	336 P	59 37.82	-1.2
DMN	18.92	334 P	59 39.56	0.0
KKN	19.00	334 P	59 41.40	0.9
GKN	19.46	333 P	59 45.80	-0.1
WRA	49.75	128 P	04 10.80	0.5
	0.8s	0.20nm	3.2mb X	
WB2	49.76	128 iPc	04 10.30	-0.1
	0.7s	3.00nm	4.4mb	
ASPA	51.58	132 eP	04 24.00	-0.2
	0.7s	4.90nm	4.6mb	
S.D. = 0.6 on 10 of 11 obs.				

* DEC 30, 1992 14h 08m 29.87±1.13s
38.819 N ±7.9km 142.731 E ±12.7km
DEPTH = 10.0km (geophysicist)

NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ	0.87	288 P	08 45.50	-1.1
		S	08 54.60	
YAMJ	2.21	254 eP	09 06.70	-0.4
		eS	09 32.70	
AOMJ	2.52	314 eP	09 11.40	0.0
		eS	09 42.20	
KAKJ	3.31	219 P	09 21.20	-1.5
		S	09 58.70	
NIIJ	3.34	243 P	09 23.80	0.6
HOOJ	3.59	7 eP	09 27.10	0.5
		eS	10 08.90	
MRRJ	3.82	341 eP	09 30.90	1.0
		eS	10 14.90	
CHJJ	4.06	228 P	09 33.20	-0.2
		S	10 18.70	
MAT	4.25	239 eP	09 36.00	-0.1
		(S)	10 32.00	
MTMJ	4.50	242 P	09 42.60	2.9X
KUSJ	4.53	19 eP	09 38.90	-1.1
		eS	10 29.60	
IIDJ	5.09	231 P	09 50.10	2.0
ASAJ	5.30	359 eP	09 51.00	0.1
S.D. = 1.1 on 12 of 13 obs.				

? DEC 30, 1992 14h 16m 56.34±9.70s
43.446 N ±32.8km 147.537 E ±75.5km
DEPTH = 33.0km (normal)

KURIL ISLANDS (221)

KUSJ	2.09	261 P	17 28.40	-1.4
		eS	17 49.80	
HOOJ	3.30	253 eP	17 47.80	1.0
		eS	18 23.70	
ASAJ	3.61	282 eP	17 51.50	0.2
MRRJ	4.86	260 eP	18 09.40	0.5
		eS	19 01.30	
AOMJ	6.07	244 eP	18 25.40	-0.6
OFUJ	6.21	227 eP	18 28.70	0.6
		eS	19 35.00	
YAMJ	7.75	230 eP	18 49.90	0.2
KAKJ	9.18	221 eP	19 08.90	-0.6

S 20 46.50
S.D. = 0.9 on 8 of 8 obs.

DEC 30, 1992 14h 28m 00.83±0.73s
41.361 N ±4.8km 143.579 E ±9.1km
DEPTH = 37.8 ±8.0 km
4.1mb (9 obs.)

HOKKAIDO, JAPAN REGION (224)

HOOJ	1.04	348 iP+	28 19.70	0.6
		eS	28 34.90	
KUSJ	1.93	25 P	28 31.30	-0.5
		eS	28 54.70	
MRRJ	2.15	300 P	28 34.80	-0.2
		eS	29 02.80	
AOMJ	2.56	253 eP	28 42.00	1.3
OFUJ	2.71	213 P	28 42.90	0.0
ASAJ	2.84	346 eP	28 44.80	0.0
YAMJ	4.19	222 P	29 04.20	0.2
NIIJ	5.43	222 P	29 21.50	0.0
KAKJ	5.79	208 P	29 24.10	-2.5
		S	30 28.70	
MAT	6.38	223 eP	29 35.00	0.2
CHJJ	6.40	216 P	29 34.70	-0.5
MTMJ	6.55	225 P	29 37.50	0.1
IIDJ	7.37	219 P	29 49.90	1.2
IMA	42.13	33 ePc	35 51.08	0.3
	0.8s	8.79nm	4.5mb	
CP2	42.71	40 (P)	35 56.16	0.4
PMS	44.01	40 e(P)	36 06.00	0.0
FBA	44.57	34 ePc	36 11.05	0.6
	1.1s	7.56nm	4.4mb	
BALM	47.50	39 (P)	36 34.03	0.1
RES	57.99	15 ePd	37 51.70	0.2
	0.6s	4.00nm	4.7mb	
YKA	59.24	32 eP	37 59.70	-0.6
	0.7s	0.90nm	4.0mb	
WRA	61.59	190 P	38 17.50	0.8
	1.0s	1.20nm	4.0mb	
KAF	65.24	333 eP	39 02.80	22.5X
ASPA	65.32	190 P	38 41.70	0.5
NUR	66.93	332 eP	38 49.80	-1.3
HFS	70.83	336 eP	39 14.60	-0.6
	0.3s	0.80nm	4.2mb	
Z	15s	92.00um	7.2mszX	
		LR	09 54.00	
NAO	71.13	338 P	39 16.30	-0.7
	0.5s	0.50nm	3.8mb	
DUG	73.29	51 eP	39 30.20	-0.1
TUC	79.73	56 (P)	40 07.10	0.6
	0.4s	0.80nm	4.0mb	
ALO	80.55	52 eP	40 15.10	4.1X
	1.0s	1.38nm	3.9mb	
SIV	146.96	47 ePKP	47 44.00	4.8X
S.D. = 0.8 on 27 of 30 obs.				

* DEC 30, 1992 15h 26m 42.94±0.99s
44.438 N ±14.9km 148.238 E ±14.4km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)

KURIL ISLANDS (221)

KUSJ	2.89	244 P	27 27.70	0.1
		eS	27 56.70	
ASAJ	4.03	267 eP	27 48.10	4.2X
HOOJ	4.15	242 eP	27 47.90	2.4
		eS	28 32.30	
MRRJ	5.59	251 eP	28 08.00	2.1
		eS	29 10.20	
AOMJ	6.98	239 eP	28 25.10	-0.4
OFUJ	7.26	225 eP	28 27.90	-1.5
		eS	29 41.40	
YAMJ	8.79	227 eP	28 49.60	-1.0
		eS	30 22.00	
LZH	34.53	272 eP	33 30.00	-0.4
	1.4s	21.00nm	4.9mb	
CHG	48.23	254 eP	35 23.60	1.1
GUN	51.76	273 P	35 49.26	-0.6
KKN	52.26	274 P	35 52.68	-0.8
PKI	52.29	273 P	35 53.00	-0.9
DMN	52.49	274 P	35 54.38	-0.8
	0.6s	14.00nm	5.1mb	
GKN	52.59	274 P	35 54.86	-1.0
YKA	54.79	34 eP	36 12.50	1.1
	0.6s	1.10nm	4.1mb	
WRA	65.32	194 P	37 24.80	1.0
	0.7s	0.50nm	3.7mb	

30d 15h

ASPA 69.03 194 eP 37 46.90 -0.3
1.2s 7.90nm 4.7mb
S.D. = 1.3 on 16 of 17 obs.

% DEC 30, 1992 15h 41m 42.80 ± 0.92s
60.407 N ± 4.8km 5.000 E ± 8.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.4 (BER).

ASK 0.12 52 eP 41 46.09 0.3
BER 0.17 98 iPc 41 46.72 0.1
EGD 0.18 140 iPc 41 46.56 -0.2
SUE 0.66 350 eP 41 56.02 0.1
ODD1 0.95 121 eP 42 01.21 0.2
HYA 0.96 37 eP 42 00.83 -0.2
KMY 1.21 174 eP 42 05.25 0.0
NRA0 3.25 81 Pn 42 34.44 -0.3
Pg 42 40.31
Sn 43 10.01
S.D. = 0.2 on 8 of 8 obs.

% DEC 30, 1992 15h 49m 24.83 ± 0.59s
56.388 N ± 4.5km 4.436 W ± 5.1km
DEPTH = 10.0km (geophysicist)
UNITED KINGDOM (533)
ML 2.2 (BGS).

EAB 0.21 165 iPgc 49 29.20 -0.2
ELO 0.41 78 iPgc 49 33.30 0.1
EBH 0.54 105 ePgc 49 35.60 -0.1
EAU 0.77 134 ePg 49 39.80 -0.1
EDU 0.81 78 ePg 49 40.50 0.1
EDI 0.84 123 ePg 49 40.90 -0.1
EBL 0.99 128 ePn 49 44.00 0.3
ESY 1.12 114 ePn 49 46.10 0.2
KPL 1.16 326 ePn 49 46.60 0.0
EDR 1.18 62 ePn 49 46.50 -0.3
KAC 1.21 337 ePnc 49 47.40 0.0
eSn 50 03.20
S.D. = 0.2 on 11 of 11 obs.

DEC 30, 1992 15h 54m 10.07 ± 1.00s
9.603 N ± 4.3km 126.443 E ± 9.4km
DEPTH = 61.2 ± 9.1 km
4.9mb (26 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

BIP 1.38 188 iPc 54 31.00 -2.5
PLP 2.12 317 ePd 54 43.50 -0.2
DAV 2.64 199 eP 54 53.50 2.4
CTB 3.26 223 eP 55 02.00 2.1
PGP 6.63 306 iPd 55 47.80 0.7
TGY 7.00 310 iPd 55 56.50 4.2X
OVP 7.29 314 eP 56 01.00 4.7X
BAG 8.85 320 eP 56 16.00 -2.1
CVP 9.22 331 eP 56 23.00 0.1
QIZ 18.60 302 P 58 24.00 -1.0
SSE 21.94 348 P 59 00.00 0.0
MTN 22.78 168 eP 59 09.00 0.6
NJ2 23.42 344 P 59 15.00 0.6
WHN 23.69 333 Pd 59 19.30 2.2
Z 20s 1.25um 4.5mb
N 13s 1.39um 4.4Msz
E 22s 2.33um 0.3 26.00

KGM 24.19 253 eP 59 25.00 2.9X
GYA 25.13 314 P 59 31.40 0.2
Z 26s 1.60um 4.4MszX
N 20s 3.02um
E 20s 2.32um
IPM 25.70 261 ePc 59 37.30 0.8
NST 26.36 286 eP 59 49.00 6.6X
NNT 26.37 279 iPd 59 45.40 2.8X
KMI 27.31 307 eP 59 52.50 1.1

Z 20s 1.90um 4.7Msz
N 15s 1.00um
E 15s 0.70um
KHT 27.69 283 eP 59 54.30 -0.3
TIA 27.81 344 eP 59 55.30 -0.2
Z 20s 1.21um 4.5Msz
CHG 28.15 292 eP 59 58.70 -0.1
MAT 28.86 20 eP 00 10.00 5.0X
Z 20s 0.71um 4.3Msz
XAN 29.16 329 P 00 05.40 -2.3
Z 16s 5.60nm 4.4mb
N 14s 0.95um 4.5MszX
WRA 30.37 165 P 00 15.10 -3.5X
WB2 30.38 165 iPd 00 16.50 -2.1
TIY 30.71 338 P 00 21.30 -0.1
Z 20s 0.75um 4.3Msz
N 14s 0.39um

BJI 31.66 345 eP 00 30.00 0.4
Z 20s 1.4s 100.00nm 5.4mb
SNY 32.20 356 Pd 00 35.00 0.7
Z 20s 1.0s 44.00nm 5.2mb
LZH 33.42 326 eP 00 44.50 -0.8
Z 22s 1.4s 18.00nm 4.8mb
E 16s 1.17um 4.6Msz
HHC 33.80 340 P 00 48.40 0.0
ASPA 33.86 168 iPd 00 47.60 -1.4
CN2 34.08 359 eP 00 51.00 0.4
Z 12s 8.20nm 4.5mb
BTO 34.14 337 eP 00 52.00 0.7
MDJ 34.99 4 eP 00 58.50 0.1
WARB 35.57 180 eP 01 03.50 -0.1
GTA 38.02 326 eP 01 23.50 -0.7
Z 16s 1.43um 4.9MszX
N 16s 0.42um

LSA 38.55 306 P 01 30.80 1.6
YSS 39.77 17 eP 01 46.70 8.2X
MRWA 39.89 194 eP 01 39.00 -0.7
FORT 40.18 178 eP 01 42.00 0.0
MUN 42.49 193 eP 02 01.00 0.0
CIT 43.56 348 eP 02 11.50 2.0
STK 43.72 161 eP 02 10.80 -0.2
Z 0.4s 2.60nm 4.4mb
ZAK 44.95 339 eP 02 24.50 3.9X
Z 1.4s 12.00nm 4.5mb
16s 0.40um 4.4MszX

ADE 45.82 166 eP 02 28.80 1.0
HYB 47.11 285 eP 02 37.50 -0.7
WMO 47.85 322 P 02 43.80 0.0
Z 1.5s 16.00nm 4.8mb
GBA 48.11 280 P 02 46.50 0.5
BFD 48.92 163 eP 02 51.80 -0.2
BOD 49.05 351 eP 02 53.10 0.4
TOO 50.20 160 eP 03 03.00 1.2
YAK 52.37 2 iPd 03 18.50 0.7
Z 2.0s 130.00nm 5.6mb
18s 0.40um 4.5Msz
MGD 53.59 15 eP 03 28.00 1.1
e 03 35.00

ELT 54.18 331 iPc 03 30.00 -1.2
BRVK 62.38 326 eP 04 27.00 -1.6
NRI 64.61 346 iPc 04 41.80 -1.2
MAIO 65.82 305 eP 04 49.00 -0.4
KAF 86.29 332 iP 06 46.10 -0.1
NUR 87.46 331 iP 06 52.30 0.4
UZH 92.05 320 eP 07 14.20 0.5
RES 92.12 10 eP 07 16.50 3.0X
HFS 92.72 332 eP 07 16.20 -0.3
Z 16s 208.00um 7.7MszX
SRS 93.28 312 eP 06 59.50 -20.0X
NAO 93.69 334 P 07 20.20 -0.8
KNT 93.77 313 eP 07 06.18 -15.6X
GRG 94.19 313 eP 07 08.66 -15.1X
YKA 94.29 24 eP 07 25.00 1.3
GEC2 97.32 322 P 07 37.50 -0.4
LPB 164.26 117 PKP 14 15.00 6.1X
ZOB0 164.33 117 ePKP 14 12.00 2.8X
S.D. = 1.1 on 57 of 72 obs.

% DEC 30, 1992 16h 01m 20.51s
33.808 N 116.195 W
DEPTH = 6.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS).

PLM 0.72 231 iPc 01 34.03 -0.9
PEC 0.81 276 ePc 01 35.34 -1.2
SSK 1.31 288 ePc 01 44.32 -0.8
GLA 1.37 123 ePn 01 44.29 -1.8
GSC 1.57 342 eP 01 47.42 -1.6
MSU 5.71 34 (P) 02 55.32 7.2
6 obs. associated

DEC 30, 1992 16h 06m 01.31 ± 1.01s
38.375 N ± 9.7km 26.909 E ± 6.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.5 (ISK).

IZM 0.28 85 iPg 06 05.50 -1.7
EZN 1.52 343 iPn 06 28.40 -0.1
DST 1.82 47 iPn 06 31.60 -1.3
KHL 2.06 91 ePn 06 36.30 -0.1
EDC 2.10 20 ePn 06 38.00 1.0
BNT 2.13 21 ePn 06 38.00 0.6
KCT 2.18 31 iPn 06 38.70 0.5
ALT 2.59 74 ePn 06 44.00 -0.1
ELL 2.88 123 ePn 06 49.50 1.2
YLV 2.90 40 ePn 06 50.00 1.5
OUR 3.00 312 eP 06 49.14 -0.5
DMK 3.50 10 ePn 06 56.00 -0.9
SOH 3.68 313 eP 06 55.34 -4.1X
LIT 3.84 298 eP 07 01.46 -0.3
S.D. = 1.1 on 13 of 14 obs.

? DEC 30, 1992 16h 29m 28.83 ± 6.51s
39.271 N ± 47.3km 28.720 E ± 17.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST 0.34 348 iPg 29 35.60 -0.3
KCT 1.02 344 iPn 29 48.70 0.6
BNT 1.25 331 ePn 29 52.00 0.0
EDC 1.26 329 ePn 29 52.00 -0.2
YLV 1.39 21 iPn 29 54.20 -0.1
S.D. = 0.5 on 5 of 5 obs.

DEC 30, 1992 17h 23m 49.48 ± 0.63s

39.248 N \pm 5.3km 28.767 E \pm 6.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

DST	0.37	343	iPg	23	57.10	-0.1
			iSg	24	02.10	
KCT	1.05	343	iPg	24	09.20	-0.1
ALT	1.06	100	ePg	24	10.80	1.2
KHL	1.10	147	iPg	24	09.30	-0.8
EDC	1.30	328	ePn	24	14.00	0.5
YLV	1.40	19	iPn	24	14.70	-0.4
IZM	1.45	235	ePn	24	16.00	0.2
GPA	1.58	48	ePn	24	17.20	-0.4
GBZT	1.62	18	ePn	24	18.00	-0.2
			iSg	24	42.20	

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

* DEC 30, 1992 17h 36m 44.85 \pm 0.92s
 33.162 N \pm 13.3km 45.977 E \pm 14.9km
 DEPTH = 33.0km (normal)
 4.0mb (2 obs.)
 IRAN-IRAQ BORDER REGION (346)

KER	1.51	38	iPc	37	10.00	-0.1
			eS	37	31.00	
TAB	4.90	3	eP	38	05.00	6.7X
			i	39	32.30	
TEH	5.15	59	e(P)	38	20.00	18.1X
SHI	6.61	120	eP	38	31.00	8.7X
MJMA	7.31	185	eP	38	32.40	0.4
QASM	7.36	197	eP	38	32.60	-0.2
			eS	39	58.00	
RYD	8.43	176	eP	38	51.50	3.8X
			eS	40	46.00	
AYN	9.57	246	eP	39	04.50	1.2
DHJN	15.60	189	eP	40	35.00	10.8X
BCAO	38.37	228	iPd	44	03.00	-1.8
			6.00nm			4.5mb
CHG	49.23	93	eP	45	32.80	0.5
YKA	83.40	351	eP	49	14.10	4.4X
			0.8s			3.5mb

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

DEC 30, 1992 18h 10m 22.77 \pm 0.41s
 36.558 N \pm 4.7km 30.139 E \pm 4.6km
 DEPTH = 5.0km (geophysicist)
 4.0mb (5 obs.)
 TURKEY (366)
 MD 4.0 (ATH), 3.8 (ISK).

ELL	0.27	316	iPg	10	27.00	-1.2
KSL	0.63	226	ePg	10	35.20	-0.1
BCK	0.97	22	iPn	10	40.40	-1.3
KHL	1.83	345	iPn	10	55.30	0.1
CIN	1.94	303	eP	10	58.00	1.3
ALT	2.49	359	ePn	11	04.80	0.1
IZM	2.93	310	ePn	11	10.70	-0.3
CSS	3.05	121	eP	11	13.00	0.5
DST	3.27	339	ePn	11	17.00	1.3
GPA	3.73	2	ePn	11	19.00	-3.2X
NPS	3.89	252	ePn	11	25.10	0.5
KCT	3.94	340	iPn	11	25.00	-0.2
EZN	4.43	319	ePn	11	32.50	0.3
ADI	5.44	128	eP	11	46.70	0.2
ATZ	5.63	130	eP	11	49.80	0.5
			eS	12	52.60	
GAZ	5.70	82	ePn	11	51.00	0.8
VLI	5.79	274	ePn	11	52.20	0.7
MBH	7.85	148	eP	12	18.00	-2.4
SKO	8.64	311	ePn	12	35.00	3.6X
GEC2	17.18	321	P	14	26.90	1.8
			1.2s			3.2mb
			e	19	52.20	
MOX	19.37	322	eP	14	51.60	-0.5
LPG	19.72	304	eP	14	56.60	0.2
			1.3s			4.0mb
LPL	19.74	304	eP	14	55.80	-0.7
			1.1s			4.0mb
CDF	20.52	312	eP	15	03.30	-1.2
			1.1s			4.0mb
BSF	20.56	311	eP	15	03.50	-1.4
			1.3s			3.9mb
HYB	46.63	101	eP	18	55.00	1.0

S.D. = 1.0 on 24 of 26 obs.

? DEC 30, 1992 18h 42m 41.36 \pm 13.36s

39.364 N \pm 93.2km 28.802 E \pm 16.0km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

DST	0.28	331	iPg	42	47.10	-0.1
			iSg	42	52.10	
KCT	0.95	339	iPn	42	59.60	0.2
EDC	1.22	324	ePn	43	04.00	0.0
YLV	1.28	20	ePn	43	05.10	0.0

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

DEC 30, 1992 19h 17m 20.73 \pm 0.69s
 6.170 S \pm 3.2km 149.069 E \pm 4.5km
 DEPTH = 64.3 \pm 6.2 km
 5.2mb (28 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

FINC	1.28	250	eP	17	43.00	0.0
			eS	18	07.00	
MDG	3.40	285	eP	18	13.00	0.5
RAB	3.65	58	iPd	18	16.00	-0.1
PMG	3.73	210	iPc	18	18.00	0.8
			eS	19	05.00	
CTA	14.10	191	P	20	41.79	2.9X
QIS	17.00	212	eP	21	15.20	-0.6
			0.3s			3.8mb X
MTN	18.89	248	eP	21	37.00	-1.9
WB2	19.80	225	iPd	21	47.30	-1.5
			0.6s			6.0mb
			eS	25	23.40	
WRA	19.81	225	P	21	45.20	-3.6X
			0.5s			5.1mb
RMO	20.21	181	iPc	21	53.70	0.7
			0.8s			5.6mb
ASPA	22.71	218	iPc	22	18.50	0.4
			0.6s			5.7mb
Z	22s		1.00um			4.2msz
			eP	22	32.70	60kmX
			eS	26	23.30	
			eScS	33	29.20	
DZM	23.06	135	iPc	22	22.20	0.6
ARMA	24.24	175	iPc	22	34.10	1.1
			0.9s			5.3mb
CMS	25.37	186	eP	22	43.50	-0.1
			0.8s			5.2mb
STK	26.52	194	eP	22	53.70	-0.5
			0.7s			4.8mb
BWA	28.12	181	eP	23	08.20	-0.5
CNB	29.01	180	iPd	23	16.90	0.2
			1.0s			5.1mb
CAN	29.01	180	iPc	23	16.60	-0.1
WARB	29.23	225	iPc	23	19.00	0.2
ADE	30.21	197	e(P)	23	27.00	-0.4
TOO	31.43	185	iPc	23	38.70	0.6
			0.8s			5.0mb
BFD	31.43	190	eP	23	37.70	-0.4
			1.0s			5.1mb
FORT	31.44	216	iPc	23	37.90	-0.3
MBL	31.99	239	iPc	23	24.30	-18.9X
			0.5s			29.00nm
MEEK	35.43	231	iPc	24	12.70	-0.2
			0.4s			5.5mb
COOL	35.92	223	eP	24	16.00	-0.9
NANU	36.22	240	eP	24	19.00	-0.5
			0.4s			5.4mb
TAU	36.62	182	iPc	24	23.70	1.1
KLB	38.69	225	iPc	24	39.30	-0.8
			0.5s			5.4mb
MRWA	38.72	230	iPc	24	40.10	-0.3
			0.6s			5.1mb
BAL	38.90	227	eP	24	41.00	-0.9
MUN	40.00	226	iPc	24	50.90	-0.1
RKG	40.92	222	eP	24	59.00	0.5
TCW	41.51	151	P	25	03.40	0.2
NOZ	41.60	145	P	25	04.20	0.2
MNG	41.66	149	P	25	04.30	-0.2
			0.6s			5.2mb
MRW	41.74	151	P	25	05.40	0.3
PGZ	42.07	149	eP	25	07.60	-0.2
MTW	42.08	150	P	25	07.50	-0.4
MOW	42.15	150	P	25	08.30	-0.2
BLW	42.22	150	Pc	25	08.50	-0.5
MAT	43.69	347	eP	25	20.00	-1.0
			1.6s			5.3mb
SSE	45.65	326	Pd	25	38.50	1.8
			1.0s			4.7mb

Z 20s 0.55um 4.5msz

NJ2	47.68	325	Pc	25	53.00	0.2
TIA	51.72	327	eP	26	23.50	-0.2
SNY	53.14	336	Pc	26	34.20	0.1
			1.0s			5.0mb
MDJ	53.51	343	eP	26	36.60	-0.2
CN2	54.13	339	eP	26	41.40	0.0
BJI	55.07	329	eP	26	48.00	-0.3
			1.0s			4.8mb
Z	28s		0.48um			4.4mszX
XAN	55.14	319	P	26	49.00	0.0
			0.7s			4.6mb
CHG	55.28	298	eP	26	51.00	0.8
TIY	55.41	325	eP	26	51.00	0.1
Z	28s		0.89um			4.7msz
HHC	58.08	327	P	27	10.40	0.6
BTO	58.75	326	eP	27	15.00	0.4
LZH	59.69	318	Pd	27	22.00	0.8
			1.0s			5.3mb
Z	24s		0.35um			4.4mszX
			pP	27	34.50	44kmX
			sP	27	43.50	
CSY	65.66	196	P	28	00.40	0.3
LSA	65.99	306	P	28	01.20	-2.2
YAK	69.61	350	eP	28	24.50	-0.3
HYB	73.45	290	eP	28	49.00	0.4
GBA	73.76	286	P	28	52.00	1.6
SDN	74.09	27	eP	28	49.40	-2.1
			1.1s			5.8mb
WMQ	74.27	319	P	28	54.00	1.0
			0.5s			4.7mb
			sP	29	13.50	
BGL	80.95	25	(P)	29	30.05	0.5
KSH	81.00	311	eP	29	32.40	2.1
			0.9s			5.0mb
SLKM	81.49	26	eP	29	32.02	-0.3
MAW	82.88	203	P	29	40.09	0.7
IMA	83.00	20	eP	29	39.42	-0.7
			0.9s			4.4mb
KLU	83.81	26	eP	29	43.41	-0.8
SPA	83.87	180	iPc	29	44.90	0.3

30d 19h

SOH 1.31 77 ePb 44 11.56 0.7
 SKO 1.44 353 ePn 44 12.80 0.1
 IGT 1.44 226 ePb 44 12.36 -0.4
 SRS 1.57 68 ePb 44 14.20 -0.3
 AGG 1.60 161 ePb 44 15.92 0.9
 PAIG 1.66 111 ePb 44 14.93 -0.9
 OUR 1.78 96 ePb 44 17.36 -0.2
 S.D. = 0.5 on 14 of 14 obs.

& DEC 30, 1992 19h 59m 15.53s
 37.636 N 118.952 W
 DEPTH = 7.3km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <GM-P>. MD 3.1 (GM). ML 2.8 (GS).

MEMM 0.03 19 iPc 59 17.07 0.0
 MMPM 0.07 247 iPc 59 17.51 -0.2
 MRCM 0.36 84 eP 59 22.60 -0.2
 MTUM 0.42 132 iPc 59 23.63 -0.4
 BONR 0.61 58 iPc 59 27.22 -0.5
 CMB 1.20 290 eP 59 37.21 -1.0
 TNP 1.44 71 eP 59 42.37 0.1
 ISA 2.01 169 eP 59 51.97 1.7
 ARN 2.07 263 eP 59 51.21 0.1
 BCH 2.61 201 eP 59 59.54 0.6
 ORV 2.77 315 ePn 00 00.84 -0.2
 11 obs. associated

* DEC 30, 1992 20h 19m 50.60 ± 0.74s
 8.285 N ± 9.5km 72.822 W ± 10.2km
 DEPTH = 183.0 ± 6.4 km
 4.2mb (22 obs.)
 VENEZUELA (101)

BMG 1.23 192 iPd 20 18.00 -2.8
 SDV 2.25 74 iPnd 20 32.70 1.5
 TOV 3.34 63 iPnd 20 45.10 0.9
 BOG 3.84 199 iPc 20 54.00 3.3X
 MORO 5.13 60 iP 21 06.90 -0.3
 GUAC 5.80 70 iPc 21 16.40 0.5
 OLLA 6.19 73 iP 21 21.20 0.2
 LLAV 6.32 69 iP 21 22.90 0.2
 GUAN 7.28 76 eP 21 34.70 -0.7
 PSO 8.35 213 iPc 21 51.00 1.1
 ZOBO 24.85 169 P 24 58.80 0.2
 LPB 25.10 169 P 25 03.00 2.4
 LMN 0.9s 25.21nm 4.8mb
 EEO 38.06 9 eP 26 56.50 3.6X
 ULM 38.59 353 eP 27 01.50 4.2X
 YKA 46.02 340 eP 27 59.50 2.2
 KIC 62.00 339 eP 29 52.00 -1.2
 LPF 0.6s 4.00nm 4.5mb
 GRR 67.48 87 P 30 27.70 -1.6
 EPF 71.71 42 iPc 30 54.10 -0.3
 MFF 0.5s 2.20nm 4.2mb
 FLN 71.88 42 iPc 30 55.30 -0.1
 LDF 0.6s 3.45nm 4.3mb
 LFF 72.09 48 iPc 30 57.00 0.2
 LPO 72.13 44 iPc 30 56.90 0.0
 FLN 72.18 41 iPc 30 57.20 0.0
 LDF 0.5s 3.85nm 4.4mb
 LFF 72.40 42 iPc 30 58.30 -0.1
 LPO 0.4s 2.25nm 4.3mb
 LFF 72.56 46 iPc 31 00.00 0.6
 LPO 0.6s 3.95nm 4.3mb
 LPO 72.85 46 iPc 31 01.00 -0.2
 0.4s 1.90nm 4.2mb

RJF 73.14 45 iPc 31 02.60 -0.3
 LSF 73.24 44 eP 31 03.10 -0.3
 BGF 74.18 44 iPc 31 08.60 -0.2
 AVF 74.54 44 eP 31 10.50 -0.4
 SSF 74.67 44 eP 31 10.70 -0.9
 SMF 74.87 44 eP 31 12.40 -0.4
 LOR 74.92 43 iPc 31 12.70 -0.4
 BSF 76.94 43 iPc 31 24.10 -0.4
 NAO 79.72 30 P 31 40.50 1.3
 HFS 81.14 30 eP 31 46.60 0.0
 GEC2 81.54 42 P 31 49.70 0.6
 BCOA 90.71 85 iPc 32 33.20 -1.3
 WB2 151.26 243 iPKPd 39 25.20 7.0X
 WRA 151.27 243 PKP 39 21.00 2.8X
 CHG 151.88 17 ePKP 39 26.10 6.9X
 S.D. = 1.1 on 34 of 40 obs.

% DEC 30, 1992 20h 27m 59.04 ± 0.97s
 39.284 N ± 8.9km 28.697 E ± 11.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

DST 0.33 351 iPg 28 05.50 -0.3
 KCT 1.00 345 iPg 28 10.50 0.5
 ALT 1.12 101 ePg 28 20.50 0.4
 KHL 1.16 146 ePg 28 20.50 -0.2
 BNT 1.23 331 ePn 28 22.00 0.1
 EDC 1.24 329 ePn 28 22.00 -0.1
 YLV 1.38 22 iPn 28 24.00 -0.4
 S.D. = 0.4 on 7 of 7 obs.

? DEC 30, 1992 20h 29m 05.09 ± 2.78s
 19.577 N ± 15.3km 64.543 W ± 35.1km
 DEPTH = 33.0km (normal)
 VIRGIN ISLANDS (91)

LPR 1.78 225 iP 29 33.90 -0.2
 CPD 2.01 221 iP 29 37.40 0.0
 SJG 2.11 226 iP 29 38.90 0.1
 APR 2.35 242 iP 29 42.30 0.1
 PORP 2.50 233 iP 29 44.30 0.0
 LRS 2.53 240 iP 29 44.60 -0.1
 MGP 2.87 237 iP 29 49.60 0.0
 LCCM 46.77 315 eP 37 33.40 0.0
 S.D. = 0.1 on 8 of 8 obs.

DEC 30, 1992 21h 34m 11.11 ± 0.20s
 47.702 N ± 2.1km 8.287 E ± 2.1km
 DEPTH = 33.0km (normal)

SWITZERLAND (544)
 ML 4.2 (LDG), 4.2 (VIE), 4.1 (FUR), 4.1 (GRF), 3.9 (BNS), MD 4.1 (TRI). Felt at Basel, Schaffhausen, Zurich and in the Luzern area. Also felt in southwestern Germany and (iii) in southern Alsace, France.

SLE 0.15 65 P 34 16.70 -0.7
 ZLA 0.23 163 P 34 18.23 0.1
 FEL 0.25 313 ePg 34 19.14 0.7
 CHAF 0.52 283 Pg 34 23.40 1.5
 BBS 0.58 246 Pg 34 24.32 1.4
 LIBD 0.64 315 Pg 34 25.05 1.3
 ECH 0.92 305 Pn 34 28.66 1.0
 WLS 0.95 319 Pn 34 29.07 0.9
 LLS 0.96 150 Pn 34 29.63 1.1

CDF 0.98 317 Pn 34 29.63 0.9
 BSF 1.02 278 Pn 34 30.30 1.1
 SRBF 1.25 347 Pn 34 33.12 0.8
 HOFF 1.26 350 Pn 34 33.30 0.8
 LANF 1.32 346 Pn 34 33.93 0.6
 HAU 1.34 284 Pn 34 34.90 1.2
 VDL 1.46 146 P 34 37.23 1.6
 OSS 1.62 128 P 34 39.16 1.2
 KTD 1.63 355 ePg 34 38.06 0.2
 VITF 1.63 289 Pn 34 39.12 1.2
 MMK 1.67 188 P 34 40.06 1.4
 DIX 1.73 201 Pn 34 40.70 1.1
 VAI 1.87 170 Pd 34 42.20 0.9
 EMS 1.88 210 P 34 42.07 0.4
 TOD 1.94 10 ePg 34 41.32 -1.0
 MOTA 1.94 100 iPnd 34 42.50 -0.1
 SOTA 2.04 103 iSg 35 13.40
 OGA 2.04 113 iPnd 34 45.20 1.2
 FUR 2.06 76 iPnd 34 43.60 -0.5
 ORX 2.08 186 P 34 45.14 0.6
 ORO 2.09 186 P 34 45.10 0.5
 ABH 2.24 348 ePg 34 46.84 0.3
 WTTA 2.31 100 iPnc 34 48.90 1.1
 RSL 2.32 210 Pn 34 48.08 0.2
 LSD 2.38 200 Pc 34 50.17 1.3
 WLF 2.42 325 iPc 34 50.70 1.5
 LPL 2.43 207 Pn 34 50.40 0.8
 LPG 2.45 206 Pn 34 50.70 0.8
 TNS 2.53 2 ePnc 34 50.70 -0.1
 SAL 2.60 143 P 34 54.20 2.5X
 RSP 2.65 196 P 34 53.53 1.0
 GRF 2.78 43 iPnc 34 51.90 -2.4
 BNI 2.88 203 Pc 34 56.50 0.7
 BHB 2.95 194 Pc 34 56.59 -0.1
 RRL 2.97 201 P 34 58.23 1.0
 LBF 3.02 258 Pn 34 57.10 -0.6
 LOR 3.03 263 Pn 34 58.40 0.5
 BOB 3.04 164 Pc 34 59.40 1.3
 STB 3.05 342 ePnd 34 58.94 0.8
 BHG 3.10 88 iPnd 34 59.10 0.2
 PCP 3.17 177 P 35 00.65 0.8
 SMF 3.21 252 Pn 34 59.80 -0.6
 KLL 3.22 337 iPnd 35 01.11 0.6
 FVI 3.26 108 P 35 02.50 1.4
 CKI 3.28 180 P 35 02.90 1.5
 DOI 3.28 193 P 35 00.80 -0.7
 PZZ 3.30 195 P 35 01.31 -0.5
 SSF 3.31 261 Pn 35 02.80 1.0
 BNS 3.35 348 ePn 35 04.10 1.8
 0.7s 350.00nm iSn 35 37.80

WET	3.38	63	iSg	35	58.60		RIY	4.82	117	i(Pn)	35	26.40	3.2	DEPTH = 10.0km (geophysicist)						
ROB	3.42	185	iPnd	35	01.00	-1.9	LSF	4.85	255	Pn	35	22.10	-1.5	NEAR EAST COAST OF HONSHU, JAPAN(228)						
ENN	3.44	334	P	35	03.95	0.5				Pg	35	43.90		OFUJ	0.75	283	iPd	00	07.60	0.1
	0.6s	28.00nm	iPnc	35	04.80	1.2				Sn	36	13.30					S	00	17.20	
			i	35	13.40		BRG	4.88	47	ePg	35	43.00	19.0X	YAMJ	2.15	251	eP	00	28.70	-0.5
			e	35	19.00					eSg	36	47.00					S	00	54.50	
AVF	3.48	257	iS	36	02.30		CAF	5.13	240	Pn	35	26.10	-1.5	KAKJ	3.33	216	P	00	45.50	-0.4
			Pn	35	03.90	-0.4	PGF	5.18	174	Pn	35	26.80	-1.6				S	01	22.40	
			Pg	35	18.70		RJF	5.25	245	Pn	35	27.90	-1.5	HOJ	3.50	8	eP	00	48.30	0.0
			Sn	35	41.30					Pg	35	50.90					eS	01	31.20	
			Sg	36	01.90					Sg	36	59.00		CHJJ	4.06	226	iP+	00	57.00	0.8
KBA	3.49	98	iPnd	35	05.30	0.7	ARV	5.32	140	P	35	29.60	-0.7	S.D. = 0.7 on 5 of 5 obs.						
			iPg	35	17.40		VKA	5.42	81	iPnd	35	30.20	-1.5	* DEC 30, 1992 23h 16m 56.78±1.62s						
			iSn	35	42.60					i	35	36.00		39.974 N ± 9.5km 19.821 E ±12.9km						
			iSg	36	00.80					iSn	36	25.60		DEPTH = 10.0km (geophysicist)						
FIN	3.49	181	P	35	05.34	0.8	ASS	5.56	145	P	35	32.60	-1.1	GREECE-ALBANIA BORDER REGION (392)						
STV	3.52	191	P	35	03.67	-1.3	PTJ	5.57	106	iPn	35	32.50	-1.3	ML 2.3 (TIR).						
HOF	3.52	41	iPnc	35	07.30	2.4X				iSn	35	56.40		TPE	0.35	24	ePg	17	02.20	-1.8
ENR	3.53	190	P	35	03.93	-1.1	SOP	5.59	87	e(P)	35	52.00	18.0X				iSg	17	08.00	
SSB	3.54	228	Pn	35	03.17	-2.0	ZAG	5.61	107	e(Pn)	35	31.50	-2.9X	VLO	0.55	333	ePg	17	08.30	0.3
MOX	3.67	35	ePn	35	03.40	-3.5X	LDF	5.70	282	Pn	35	35.20	-0.4				iSg	17	20.10	
			iSg	36	06.50					Pg	36	00.20		IGT	0.59	138	ePg	17	06.84	-1.9
SAOF	3.75	188	Pn	35	07.61	-0.5	VRAC	5.75	71	Pn	35	34.30	-2.0				eSg	17	16.48	
TOUF	3.76	192	Pn	35	07.48	-0.9		0.5s	15.60nm				4.8mb X	LSK	0.62	73	ePg	17	07.70	-1.7
GEC2	3.79	70	Pn	35	07.20	-1.5				Pg	35	57.70		OHR	1.36	33	ePn	17	22.00	0.2
			Pg	35	23.70					e	36	32.20		FNA	1.44	55	ePb	17	25.40	2.5X
			Sn	35	49.20		LPO	5.78	241	Pn	35	35.30	-1.5				eSb	17	45.12	
			Sg	36	10.40					Pg	36	01.80		LIT	2.05	86	ePn	17	33.28	1.5
IMI	3.80	184	P	35	09.24	0.4	MFF	5.86	262	Pn	35	36.80	-1.1				eSn	17	59.40	
KHC	3.80	66	iPn	35	07.20	-1.6				Sn	36	38.30		AGG	2.16	115	ePn	17	34.80	1.4
			e	35	12.30		LFF	5.91	245	Pn	35	36.90	-1.7				eSn	18	00.20	
SNF	3.85	318	iPc	35	11.05	1.6				Pg	36	03.90		GRG	2.20	63	ePn	17	34.84	0.9
HYF	3.85	266	Pn	35	10.10	0.6				Sg	37	20.50		SKO	2.34	31	ePn	17	38.00	2.1X
			Sn	35	53.00		ZST	5.94	82	iPn	35	41.80	2.7X	VAY	2.49	56	ePn	17	37.50	-0.4
			Sg	36	16.10					e	36	11.20		KNT	2.63	62	ePn	17	40.56	0.6
AURF	3.87	190	Pn	35	09.24	-0.7				e	36	45.50		SOH	2.83	71	ePn	17	43.36	0.5
SBF	3.89	189	Pn	35	09.60	-0.4	FLN	5.96	284	Pn	35	38.70	-0.6	PAIG	2.97	90	ePn	17	43.92	-0.8
BGF	3.89	255	Pn	35	09.20	-0.8				e	37	20.60					eSn	18	19.12	
			Sn	35	53.10					Pn	35	38.70	-0.6	SRS	3.09	67	ePn	17	47.72	1.2
			Sg	36	14.90					Sn	36	43.50		S.D. = 1.3 on 13 of 15 obs.						
MVIF	3.89	192	Pn	35	09.74	-0.4				Sg	37	20.40		DEC 30, 1992 23h 50m 16.51±0.56s						
MME	3.89	153	P	35	11.30	1.0	GRR	6.17	280	Pn	35	41.20	-1.1	39.278 N ± 4.7km 28.682 E ± 5.4km						
KMR	3.95	83	iPn-	35	09.20	-1.7				Sn	36	44.30		DEPTH = 10.9 ± 4.4 km						
			i	35	31.10		LPF	6.29	276	Pn	35	43.50	-0.4	TURKEY (366)						
			iSg	36	15.00					Sg	37	27.50		MD 3.3 (ISK).						
BDI	3.98	155	P	35	12.20	0.8				Sn	36	49.60		DST	0.33	353	iPg	50	24.40	1.0
			eSn	36	00.20		PERF	6.47	218	Pn	35	44.21	-2.3X				iSg	50	29.40	
CALN	4.07	194	Pn	35	13.38	0.6	TRGS	6.86	223	Pn	35	51.20	-0.9	KCT	1.00	346	iPg	50	36.80	1.4
MAF	4.19	251	Pn	35	13.10	-1.2	EPF	7.29	233	Pn	35	54.90	-3.1X				iSg	50	50.30	
			Pg	35	31.20					Sg	38	05.60		ALT	1.13	101	ePg	50	37.60	-0.1
			Sn	35	58.60		SPC	8.09	75	eP	35	53.60	-15.7X	KHL	1.16	145	ePg	50	38.60	0.5
			Sg	36	25.10		DLF	10.97	306	eP	36	46.70	-1.9				eSg	50	53.60	
TRI	4.26	116	e(Pn)	35	14.40	-0.9	DCN	11.39	305	eP	36	52.90	-1.6	BNT	1.23	332	ePg	50	39.00	-0.2
			e(Pg)	35	28.10		DMU	11.43	308	eP	36	54.00	-1.0	EDC	1.24	330	ePg	50	39.00	-0.5
			e(PgPg)	35	33.40		S.D. = 1.1 on 112 of 124 obs.						YLV	1.39	22	iPn	50	41.80	-0.1	
			e	36	01.10		* DEC 30, 1992 22h 53m 26.12±1.08s						IZM	1.41	232	ePn	50	42.70	0.5	
			e(Sn)	36	06.70		17.126 N ± 8.1km 119.943 E ±16.3km						GPA	1.61	51	ePn	50	44.70	-0.3	
			e(Sb)	36	26.00		DEPTH = 33.0km (normal)						GBZT	1.62	21	ePn	50	45.50	0.5	
			e(Sg)	36	31.00		4.5mb (1 obs.) 3.8Msz (1 obs.)									iSg	51	09.50		
FRF	4.30	196	Pn	35	14.70	-1.1	PHILIPPINE ISLANDS REGION (248)						ISK	1.81	9	ePn	50	48.00	0.2	
			Pg	35	34.30		BCP	0.95	138	eP	53	28.80	-14.3X	EZN	1.90	287	ePn	50	48.00	-0.4
			Sn	36	03.40		PIP	1.36	28	iPc	53	48.50	-0.4	DMK	2.64	345	ePn	50	59.00	-0.7
TCF	4.39	253	Pn	35	16.20	-1.0				iS	54	12.00		S.D. = 0.7 on 13 of 13 obs.						
			Sn	36	03.60		CVP	1.88	72	ePc	53	57.00	0.4	% DEC 31, 1992 00h 04m 23.46±1.24s						
			Sg	36	33.10					eS	54	20.50		39.252 N ± 9.8km 28.659 E ±13.8km						
CDR	4.40	205	ePn	35	16.00	-1.3	QVP	2.69	158	ePd	54	06.20	-1.8	DEPTH = 10.0km (geophysicist)						
WTS	4.40	348	ePn	35	23.50	6.2X				eS	54	39.20		TURKEY (366)						
	0.7s	8.00nm	e	35	34.50		TGY	3.15	162	iPd	54	16.00	1.4	MD 2.8 (ISK).						
			eS	36	35.00					iS	54	52.00		DST	0.35	356	iPg	04	30.40	-0.4
LRG	4.46	198	Pn	35	17.50	-0.6	PGP	3.73	165	ePd	54	23.00	0.2				iSg	04	35.40	
			Pg	35	38.10					e	54	57.00		KCT	1.02	347	iPn	04	43.30	0.5
			Sn	36	06.30		BBP	3.88	30	ePd	54	28.50	3.6X	ALT	1.15	99	ePn	04	45.60	0.6
SFI	4.53	145	P	35	19.80	0.7	LZH	23.68	326	eP	58	36.00	0.1	KHL	1.15	144	ePn	04	44.60	-0.4
			eSn	36	11.80			1.5s	22.00nm				4.5mb	EDC	1.25	331	ePn	04	47.00	0.2
LMR	4.54	197	Pn	35	17.80	-1.5		Z	18s	0.30um			3.8Msz	YLV	1.42	22	iPn	04	48.80	-0.6
			Sn	36	06.40		S.D. = 1.4 on 6 of 8 obs.													

31d 00h

4.7mb (15 obs.)
ANDAMAN ISLANDS, INDIA (703)

KHT	5.72	44	eP	34	20.60	0.6
NST	7.41	47	eP	34	50.30	6.6X
BDT	7.87	33	eP	34	48.50	-1.6
IPM	8.85	133	ePc	35	02.40	-1.4
CHG	9.17	27	eP	35	08.50	0.3
KMI	16.37	27	Pc	36	48.00	3.7X
	1.5s	290.00nm			5.2mb	
		sP		36	58.50	
HYB	16.86	295	eP	36	51.30	1.0
GBA	16.94	282	P	36	51.80	0.6
		S		39	42.80	
LSA	19.20	351	P	37	18.20	-1.3
GYA	19.46	35	iPc	37	23.40	1.1
	1.2s	27.00nm			4.4mb	
N	10s	0.50um				
E	10s	0.34um				
POO	21.44	294	eP	37	43.00	0.2
CD2	21.90	22	eP	37	48.20	0.9
	1.2s	25.00nm			4.5mb	
NDI	24.15	320	eP	38	10.00	0.7
		eS		42	34.00	
LZH	26.69	17	P	38	33.70	0.4
	1.6s	44.00nm			4.8mb	
Z	16s	0.49um			4.2mszx	
E	12s	0.27um				
		pP		38	41.00	26kmX
		sP		38	48.00	
XAN	26.75	27	P	38	33.30	-0.4
	1.0s	5.70nm			4.1mb	
		pP		38	41.00	27kmX
		sP		38	46.50	
TIY	31.39	28	eP	39	17.60	2.3
	14s	0.71um			4.5mszx	
E	13s	0.40um				
QUE	32.16	311	eP	39	22.40	0.1
BTO	32.82	22	eP	39	27.00	-0.8
	13s	0.26um				
E	13s	0.32um				
KSH	33.07	333	P	39	30.00	0.0
	24s	1.36um			4.6mszx	
WMQ	33.56	351	P	39	35.00	0.9
	2.0s	20.00nm			4.7mb	
Z	24s	0.29um			3.9mszx	
		pP		39	43.50	29kmX
		PP		40	47.00	
		eS		44	55.50	
		PcS		45	56.50	
		SS		46	57.00	
		ScS		49	55.00	
HHC	33.63	24	eP	39	34.00	0.0
PRZ	34.68	339	eP	39	40.00	-4.0X
	1.0s	20.00nm			5.0mb	
FRU	36.44	335	eP	39	59.00	0.3
		e		40	15.00	
MAIO	40.64	315	eP	40	34.00	0.1
SEM	41.33	346	ePc	40	39.00	-0.3
		e		40	46.00	
ASH	42.26	316	eP	40	48.00	0.9
CN2	42.51	33	eP	40	50.20	1.2
	1.0s	9.30nm			4.5mb	
Z	14s	0.29um			4.3mszx	
BRVK	46.55	340	eP	41	20.00	-1.3
	1.0s	8.00nm			4.6mb	
WRA	49.63	128	P	41	48.00	2.2
	0.6s	0.30nm			3.5mb X	
YAK	57.26	19	eP	42	39.50	-2.0
	1.0s	50.00nm			5.5mb	
NRI	58.82	357	iPd	42	50.50	-1.8
	1.3s	20.00nm			5.1mb	
		e		42	59.00	
OBN	63.21	327	(P)	43	23.00	0.8
	16s	0.50um			4.8mszx	
ZST	73.73	317	eP	44	35.60	7.9X
BCAO	75.42	272	iPc	44	37.00	-1.1
	0.8s	7.00nm			4.7mb	
		id		44	43.50	
GEC2	76.00	318	eP	44	40.00	-0.9
	0.8s	0.51nm			3.6mb X	
		epP		44	47.70	25kmX
		e		44	55.10	
NAO	77.68	330	P	44	55.70	5.9X
	0.8s	1.50nm			4.1mb	
LPG	80.92	315	eP	45	07.50	-0.5
	0.8s	5.65nm			4.6mb	

LPL 80.93 315 eP 45 07.40 -0.6
0.7s 6.05nm 4.7mb
SMF 82.79 316 eP 45 17.50 0.1
MAF 83.73 316 eP 45 21.80 -0.4
S.D. = 1.1 on 35 of 40 obs.

& DEC 31, 1992 01h 16m 21.59s
32.829 N 115.637 W
DEPTH = 15.4km
CALIF.-BAJA CALIF. BORDER REGION(45)
<PAS-P>. ML 2.8 (PAS).

GLA 0.72 72 eP 16 34.20 -1.1
PLM 1.15 297 eP 16 41.30 -1.5
PEC 1.66 310 eP 16 48.33 -1.9
SSK 2.20 309 eP 16 56.62 -1.6
GSC 2.65 339 (P) 17 04.38 -0.2
MSU 6.33 25 (P) 18 01.68 4.9
6 obs. associated

DEC 31, 1992 01h 28m 10.48±0.30s
6.739 N ± 2.6km 72.962 W ± 2.1km
DEPTH = 167.0 ± 2.8 km
4.9mb (69 obs.)

NORTHERN COLOMBIA (99)
Felt in the
Bogota-Manizales-Medellin area.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 11C
Centroid Location:
Origin Time 01:28:14.6 1.8
Lat 6.74N 0.15 Lon 72.96W 0.10
Dep 154.3 2.6 Half-duration 1.0
Moment Tensor; Scale 10**16 Nm
Mrr=5.43 0.56 Mtt=-0.02 1.00
Mff=-5.41 1.13 Mrt=1.87 0.53
Mrf=-2.23 0.62 Mtf=-2.18 0.89
Principal Axes:
T Vol=6.66 Plg=66 Azm=35
N -0.28 22 194
P -6.38 8 287
Best Double Couple: Mo=6.5*10**16
NP1: Strike= 41 Dip=42 Slip= 124
NP2: 178 56 63

BMG	0.35	341	eP	28	26.00	-8.8X
BOG	2.37	208	iPc	28	53.00	1.3
		iS		29	23.00	
SDV	3.14	47	iPnd	29	02.40	1.4
		iSn		29	40.00	
HOBC	3.95	233	iPd	29	10.32	-1.0
TOV	4.36	46	iPnd	29	17.40	0.8
		iSn		30	07.70	
DIAC	4.70	223	iPc	29	20.79	-0.4
SILC	5.25	220	iPd	29	28.76	0.1
MORO	6.16	48	iP	29	39.60	-0.8
GUAC	6.59	58	iPd	29	45.80	-0.5
UPA	6.88	209	eP	29	44.39	-5.6X
		eS		30	58.65	
OLLA	6.91	61	iPd	29	49.80	-0.7
PSO	7.02	218	iPd	29	50.00	-2.2
LLAV	7.13	58	iPd	29	52.60	-0.8
ECO	7.16	292	iPc	29	49.68	-4.0X
		iS		31	11.19	
GUAN	7.91	66	iP	30	02.90	-0.9
		eS		31	11.10	
DVD	9.56	281	iPd	30	24.98	-0.4
		eS		32	17.33	
BRU	9.73	283	ePc	30	26.50	-1.6
PCJ	11.68	340	ePd	30	52.96	-0.2
		eS		32	54.65	
TCE	11.76	70	eP	30	55.73	1.5
HOJ	11.79	342	ePd	30	55.97	1.4
		eS		32	53.19	
GWJ	11.85	342	ePd	30	56.52	0.9
		eS		32	54.99	
TPP	11.93	72	eP	30	56.72	0.4
		eS		33	24.49	
TRN	12.07	70	eP	30	57.68	-0.5
		eS		33	26.67	
BBJ	12.31	340	ePd	31	02.97	1.6
		eS		33	05.68	
TBH	12.33	72	eP	31	03.30	1.6
GRW	12.38	63	eP	31	02.53	0.2
TPR	12.82	69	eP	31	09.19	1.3
BOT	12.87	69	eP	31	11.15	2.6X

MDN	14.19	52	eP	31	25.64	0.5
PAG	14.40	49	eP	31	27.00	-0.9
ARE	23.10	176	eP	33	04.00	1.1
ZOBO	23.37	168	iPc	33	06.80	0.8
		S		37	08.90	
LPB	23.62	168	Pc	33	09.90	1.8
	0.8s	104.48nm			5.4mb	
		i		33	46.00	
		S		37	12.00	
		SS		38	14.00	
CEH	29.55	350	iPc	34	01.29	-0.2
	0.8s	38.97nm			5.2mb	
CBN	31.58	353	eP	34	20.20	1.0
BAO	33.26	132	Pd	34	35.00	0.8
BDF	33.34	132	Pd	34	36.00	1.1
MCWV	33.35	350	ePc	34	35.99	1.4
	0.7s	131.24nm			5.7mb	
MIAR	33.58	328	iPc	34	35.44	-1.2
	0.7s	31.02nm			5.1mb	
UYO	33.76	327	iPc	34	37.20	-1.0
GMTN	34.01	350	iP	34	41.30	1.1
PNJ	34.04	358	iP	34	41.00	0.6
HRV	35.64	2	iPc	34	55.01	1.0
	0.7s	85.32nm			5.6mb	
CYA	35.65	169	ePd	34	52.00	-2.3
FNO	36.20	325	iPd	34	58.40	-0.4
OCO	36.43	325	iPc	35	01.00	0.3
MEQ	36.55	323	iPd	35	00.70	-1.1
WMOK	36.64	323	ePc	35	01.27	-1.2
	0.6s	77.54nm			5.6mb	
		epP		35	36.06	157kmX
TYNO	36.72	352	P	35	04.18	1.2
STCO	36.73	352	P	35	02.87	-0.2
DLA	36.77	349	P	35	04.00	0.6
LDN	36.87	350	P	35	05.25	0.9
ELF	37.05	350	P	35	06.55	0.8
ACTO	37.25	351	P	35	08.68	1.2
WLVO	37.34	354	P	35	09.30	1.1
RSNY	37.69	358	iPc	35	11.70	0.5
	1.4s	181.29nm			5.6mb	
ACO	38.22	325	iPd	35	14.80	-0.9
TCA	38.70	169	ePd	35	17.20	-2.6
VAO	38.99	140	eP	35	22.70	0.4
LMN	39.60	9	iPc	35	30.80	3.8X
EEO	40.10	353	iPc	35	34.80	3.7X
CBM	40.26	5	iPc	35	33.64	1.3
	0.6s	283.10nm			6.1mb X	
ALQ	41.68	317	iPc	35	44.72	0.3
	1.3s	69.29nm			5.1mb	
TUC	43.42	311	iPc	35	58.76	0.3
GLD	43.80	324	iPc	36	02.31	0.7
	1.3s	179.87nm			5.5mb	
GOL	43.86	323	iPc	36	02.48	0.3
	0.6s	24.57nm			5.0mb	
		(pP)		36	38.82	164kmX
PV08	45.19	320	ePc	36	13.28	0.4
PV09	45.46	319	ePc	36	15.08	0.1
		e		37	52.56	
SRU	46.71	319	iPc	36	24.75	0.1
		epP		37	00.71	160kmX
		esP		37	16.93	
GLA	46.81	310	ePd	36	25.79	0.5
EMUT	47.28	320	eP	36	29.22	0.0
ULM	47.42	340	iPc	36	31.70	2.0
MSU	47.47	318	iPc	36	31.15	0.5
		e		41	38.76	
DAU	47.90	320	iPc	36	34.30	0.3
ARUT	47.96	316	P	36	34.19	-0.1
PLM	48.49	309	ePc	36	38.94	0.5
		epP		37	14.21	156kmX
DUG	48.78	319	iPc	36	40.83	0.3
	0.8s	35.62nm			5.0mb	
		e		38	02.59	
PEC	48.93	310	ePc	36	41.78	0.1
	0.8s	22.38nm			4.8mb	
GSC	49.23	312	iPc	36	44.45	0.4
		epP		37	20.84	161kmX
SSK	49.46	310	ePd	36	46.02	0.1
HVU	49.61	321	ePc	36	46.28	-0.6

MTUM	51.38	313	ePc	37	00.52	0.1							BHG	82.26	43	iPc	40	15.60	1.2	
LCCM	51.42	326	iPc	37	00.20	-0.4	RJF	74.33	45	eP	39	30.30	-1.1		0.8s	20.00nm		4.9mb		
BONR	51.45	314	iPc	37	01.72	0.6		0.4s	4.40nm			4.5mb	CLL	82.26	39	iP	40	14.10	-0.2	
			pP	37	38.31	160kmX	LSF	74.44	44	iPc	39	30.90	-1.1		0.8s	24.00nm		5.0mb		
BCH	51.65	310	eP	37	02.86	0.4		0.5s	4.80nm			4.5mb	HFS	82.54	30	eP	40	15.40	-0.1	
LRM	51.73	325	iPc	37	02.80	-0.2	TCF	74.92	44	eP	39	33.70	-1.0		0.8s	17.10nm		4.9mb		
KVN	51.78	315	eP	37	03.04	-0.4		0.4s	2.35nm			4.3mb	KBA	82.60	43	iPc	40	15.80	-0.6	
MEMM	51.78	313	eP	37	03.94	0.8	MAF	75.15	44	iPc	39	35.10	-1.0		0.8s	19.00nm		4.9mb		
			ePP	38	16.45			0.4s	1.90nm			4.2mb	KHC	82.69	41	eP	40	17.00	0.4	
HBMT	51.80	325	iPc	37	03.40	-0.2	BGF	75.38	44	iPc	39	36.30	-1.0		1.0s	10.50nm		4.6mb		
BUT	51.91	326	iPc	37	04.00	-0.3		0.4s	5.25nm			4.6mb			e		40	46.50		
HRY	51.93	327	iPc	37	04.20	-0.1	AVF	75.75	44	iPc	39	38.20	-1.2			e		41	01.50	
PKEM	52.00	311	eP	37	04.79	-0.1		0.5s	3.00nm			4.3mb	GEC2	82.78	42	ePc	40	16.70	-0.5	
			e	37	22.71		SSF	75.88	43	iPc	39	38.80	-1.3		0.7s	14.76nm		4.9mb		
CMB	52.98	313	ePc	37	11.33	-0.7		0.4s	2.60nm			4.3mb			e		40	23.00		
	1.0s	16.57nm				4.7mb	KLU	76.00	332	ePc	39	40.99	0.4			ePKKP		58	40.40	
ARN	53.55	312	eP	37	16.37	0.1	SMF	76.07	44	iPc	39	40.10	-1.1	BRG	82.87	40	e(P)	40	17.90	0.4
ORV	54.38	315	ePc	37	22.19	-0.1		0.5s	3.85nm			4.4mb	SDI	83.16	49	P	40	19.10	-0.1	
FCC	54.39	347	ePc	37	23.60	1.6	LOR	76.14	43	iPc	39	40.50	-1.1	PRU	83.28	40	eP	40	20.00	0.4
NTYM	54.77	313	eP	37	25.13	0.1		0.4s	3.40nm			4.4mb			e		40	20.80		
LMEM	54.83	316	eP	37	25.20	-0.6	LBF	76.19	43	eP	39	40.50	-1.5			e		40	26.50	
LNOR	55.16	323	Pc	37	26.93	-0.9		0.4s	1.45nm			4.1mb	BSD	83.30	35	iP	40	20.00	0.5	
NEW	55.75	326	iPd	37	30.96	-1.1	SNF	76.72	40	P	39	43.80	-0.9		0.6s	19.00nm		5.1mb		
	0.9s	73.86nm				5.5mb	FBA	77.51	335	iPc	39	48.60	-0.2	KSP	84.36	40	iP	40	26.00	1.0
LGPM	55.86	316	eP	37	30.89	-2.2		0.8s	17.79nm			4.8mb	ZST	85.07	42	iP	40	28.40	-0.2	
			pCp	38	30.26		PMR	77.53	332	iPd	39	48.93	0.0	SRO	85.92	42	eP	40	33.30	0.5
VIPM	55.94	320	Pc	37	33.38	-0.3		0.8s	80.16nm			5.5mb	KTK1	85.98	21	iPc	40	33.68	1.0	
DWP	56.15	325	iPc	37	34.41	-0.5	LMR	77.75	47	eP	39	49.90	-0.6	OJC	86.64	40	eP	40	36.00	0.5
			epP	38	11.56	160kmX	ENN	77.78	40	eP	39	50.00	-0.5	KEV	87.17	20	iP	40	39.00	0.6
WAH2	56.37	323	Pc	37	35.77	-0.7		0.5s	5.85nm			4.6mb		1.0s	62.00nm		5.5mb			
CROR	56.39	321	Pc	37	37.24	0.5		0.6s	32.00nm			5.2mb	NUR	87.93	29	iP	40	42.30	0.1	
VGB	56.51	321	iPc	37	37.68	0.2	WLF	77.85	41	iP	39	50.48	-0.4	KAF	88.41	28	iP	40	44.00	-0.5
KMPM	56.57	315	eP	37	38.27	0.2	FRF	77.86	47	iPc	39	50.40	-0.8		1.0s	37.60nm		5.3mb		
FHC	56.62	315	ePc	37	38.49	0.1		0.6s	5.95nm			4.5mb	BCAO	90.97	85	iPd	40	57.10	-0.3	
	0.9s	281.01nm				6.1mb X	HAU	77.87	42	eP	39	50.10	-1.1		0.5s	55.00nm		5.9mb		
SAW	56.75	324	Pc	37	38.37	-0.8	SLKM	77.90	330	iPc	39	51.07	0.0	MLR	91.45	44	ePc	41	00.00	0.9
VBEM	56.80	321	Pc	37	40.31	0.6	LPL	78.01	45	iPc	39	52.20	0.0	VRI	91.91	44	eP	41	01.00	-0.1
DBO	57.04	318	P	37	40.15	-1.1		0.6s	4.70nm			4.4mb	ADK	93.13	323	eP	41	06.57	0.1	
WTV	57.07	324	P	37	40.57	-0.9	LPG	78.02	45	iPc	39	52.40	0.0		0.7s	37.43nm		5.7mb		
SSOR	57.27	320	P	37	42.07	-0.8		0.4s	4.45nm			4.5mb	NVL	94.60	161	eP	41	13.00	0.1	
ASR	57.31	322	Pc	37	43.28	0.1	BSF	78.16	43	iPc	39	51.70	-1.2			e		41	54.00	
RNO	57.69	319	P	37	45.75	-0.1		0.6s	7.30nm			4.6mb	OBN	95.49	33	iPd	41	17.40	0.1	
LON	57.72	322	ePc	37	45.24	-0.7	EMS	78.17	44	ePd	39	52.70	-0.3		1.0s	28.00nm		5.6mb		
FMW	57.72	322	P	37	45.75	-0.4	WIT	78.40	38	eP	39	55.50	1.7	SPA	96.70	180	iPc	41	23.00	0.3
RMW	58.05	323	iPc	37	47.05	-1.3	WTS	78.42	38	eP	39	54.00	0.0		0.9s	23.18nm		5.6mb		
KMOR	58.26	320	P	37	50.01	0.2		0.7s	84.00nm			5.6mb	KSH	125.80	30	PKP	46	56.00	1.6	
BMW	58.47	321	iPc	37	50.51	-0.7	DIX	78.50	44	ePc	39	54.90	-0.1	WMO	126.72	17	PKP	46	56.30	0.4
			ePcP	38	40.17		CDF	78.51	42	iPc	39	53.90	-0.8	QUE	126.84	44	ePKP	46	58.90	2.2X
JCW	58.47	324	P	37	49.45	-1.7		0.6s	8.20nm			4.6mb	CN2	127.01	343	PKPd	46	55.80	-0.6	
GMW	58.68	323	iPc	37	51.36	-1.2	ORO	78.89	45	P	39	56.20	-0.6	MAT	127.97	328	ePKP	46	58.00	-0.5
			epP	38	28.90	160kmX	MMK	78.89	44	(P)	39	56.93	-0.1		0.7s	7.53nm				
MCW	59.23	324	ePc	37	55.38	-1.0	CRP	78.93	331	P	39	45.60	-11.2X	SNY	129.36	344	PKPc	47	01.00	0.1
STW	59.48	323	P	37	58.05	0.0	CP2	78.97	331	eP	39	57.15	0.1	CNB	131.88	228	iPKPd	47	07.00	1.0
KDS	60.07	79	iP	38	01.80	-0.7	BGL	79.04	331	eP	39	57.29	0.0		1.0s	55.00nm				
TIC	67.42	86	Pc	38	49.90	-0.7	ZLA	79.22	43	ePc	39	57.70	-0.9			iPKP	50	17.50		
LIC	67.45	86	Pc	38	50.00	-0.7	SLE	79.30	43	ePc	39	58.20	-0.7	CAN	132.15	228	ePKP	47	07.10	0.6
KIC	67.72	86	Pc	38	51.80	-0.6	TNS	79.36	40	ePc	39	59.60	0.4	HHC	132.46	355	ePKP	47	08.20	1.2
	0.7s	448.00nm				6.4mb X	VAI	79.45	45	P	39	58.80	-0.8	BJI	132.70	350	ePKP	47	07.50	0.2
RES	69.07	354	ePc	38	59.80	0.2	TMA	79.52	44	ePd	39	59.90	-0.4			PP		49	29.00	
	1.0s	18.00nm				4.8mb	LLS	79.62	44	iPc	40	00.80	-0.1			PKS		50	37.00	
SIT	69.55	329	eP	39	02.81	0.0	VDL	79.94	44	ePc	40	02.40	-0.2	BTO	132.82	357	ePKP	47	09.00	1.3
	0.9s	48.25nm				5.3mb	IMA	80.11	336	iPc	40	03.12	0.1	BWA	132.97	228	ePKP	47	09.10	1.0
DCN	70.22	35	eP	39	06.40	-0.5		0.8s	22.78nm			5.0mb	TOO	133.53	223	iPKP	47	10.00	1.0	
ECP	70.44	37	eP	39	07.00	-1.3			epP	40	41.29	153kmX			epPKP		47	52.70		
DMU	70.58	35	eP	39	08.50	-0.6	OSS	80.41	44	ePd	40	05.00	0.0	GTA	133.60	8	ePKP	47	10.00	0.8
DLF	70.63	36	eP	39	09.40	-0.1	SVW	80.59	331	iPc	40	04.86	-0.6	BFD	135.72	222	ePKP	47	14.20	1.1
ETA	70.67	36	eP	39	09.00	-0.7		0.6s	129.10nm			5.8mb		1.0s	20.00nm					
LPF	72.95	42	iPc	39	22.20	-1.0	TTA	80.87	333	iPc	40	06.57	-0.4	LZH	137.30	4	PKPc	47	17.50	1.1
	0.5s	6.90nm				4.6mb		0.5s	12.32nm			4.9mb	STK	139.21	228	PKP	47	20.40	0.6	
EKA	73.05	34	P	39	23.00	-0.7	OGA	81.01	44	eP	40	09.00	0.8	NJ2	139.81	344	ePKP	47	21.00	0.2
	1.1s	12.50nm				4.6mb	NAO	81.13	30	P	40	09.00	0.8	SSE	140.02	341	PKP	47	22.50	1.3
GRR	73.12	42	iPc	39	23.40	-0.9		0.8s	42.90nm			5.2mb	LSA	140.68	22	PKP	47	17.20	-5.9X	
	0.4s	10.85nm				4.9mb	SQTA	81.14	43	iPc	40	08.30	-0.4	WHN	142.27	350	ePKP	47	20.50	-4.8X
EPF	73.23	47	iPc	39	24.50	-0.6		0.8s	17.30nm			4.8mb	CD2	142.43	5	ePKP	47	21.60	-4.0X	
	0.4s	5.40nm				4.6mb		i		40	09.30		HYB	143.01	49	ePKP	47	21.50	-5.4X	
MFF	73.34	43	iPc	39	24.80	-0.8	GRF	81.14	41	eP	40	09.50	0.9	GBA	144.33	55	PKP	47	28.00	-1.1
	0.5s	16.05nm				5.0mb		1.0s	12.00nm			4.6mb	OIS	145.59	243	iPKPc	47	31.30	0.1	
FLN	73.43	41	iPc	39	25.30	-0.7	WTTA	81.43	43	iPc	40	09.70	-0.6	KOD	146.07	60	ePKP	47	34.00	1.5
	0.4s	13.40nm				5.0mb		0.9s	15.10nm			4.7mb	GYA	147.00	1	iPKPc	47	34.60	1.1	
LDF																				

31d 01h

WB2	150.42	241	iPKPc	47	39.60	0.8
	0.5s	108.50nm				
WRA	150.43	241	PKP	47	39.80	1.0
	0.6s	42.00nm				
RKG	150.81	197	ePKP	47	45.30	6.3X
CVP	151.66	329	ePKPd	47	59.00	18.3X
WARB	153.11	222	ePKP	47	43.20	0.6
		i	47	50.00		
CHG	153.38	17	iPKPc	47	44.30	1.2
	1.0s	77.00nm				
QIZ	154.25	354	ePKP	47	46.60	2.3X
BDT	154.88	18	ePKP	47	46.00	0.9
	1.0s	82.80nm				
LOE	155.44	12	ePKP	47	48.10	2.2X
MTN	155.51	254	ePKP	47	47.00	0.9
		e	47	56.00		
NST	156.71	17	ePKP	47	56.00	8.4X
KHT	157.03	21	ePKP	47	49.80	1.7
TRT	174.36	260	ePKPd	48	02.00	0.4

S.D. = 0.8 on 255 of 272 obs.

? DEC 31, 1992 01h 37m 20.01 ± 6.84s
 33.923 S ± 22.7km 70.376 W ± 25.3km
 DEPTH = 119.8 ± 52.3 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

CHCH	0.23	267	iP+	37	37.00	-0.1
		iS	37	49.51		
CACH	0.27	224	iP	37	37.52	0.2
		iS	37	50.42		
PCH	0.32	339	iP+	37	37.37	-0.1
		iS	37	50.29		
SAN	0.53	333	eP	37	38.47	0.1
		iS	37	51.76		
TACH	0.54	300	iP+	37	38.49	0.0
		iS	37	52.39		
FCH	0.60	7	iPd	37	39.02	-0.2
		iS	37	54.46		
PEL	0.82	342	iPd	37	40.98	0.3
		iS	37	55.97		
LNV	0.86	268	iP+	37	40.82	-0.1
		iS	37	56.28		
ROCH	1.09	331	iPd	37	43.35	-0.1
		iS	38	00.26		
LCCH	1.09	294	iP+	37	43.24	0.0
		iS	38	00.42		
JACH	1.25	352	iP	37	45.12	0.0
		iS	38	03.52		

S.D. = 0.2 on 11 of 11 obs.

DEC 31, 1992 01h 50m 31.04 ± 0.39s
 42.894 S ± 4.2km 173.134 E ± 5.0km
 DEPTH = 60.9 ± 15.8 km
 SOUTH ISLAND, NEW ZEALAND (162)

KHZ	0.56	32	Pc	50	43.80	0.0
		S	50	51.80		
LTZ	0.65	280	Pd	50	44.30	-0.5
		S	50	52.30		
MOZ	0.89	203	eP	50	48.10	0.4
		eS	50	59.10		
THZ	1.14	351	Pc	50	51.10	-0.1
		eS	51	04.60		
DSZ	1.51	319	P	50	56.20	-0.1
TCW	1.88	27	P	51	01.60	0.2
MRW	2.03	36	P	51	03.80	0.3
		S	51	26.20		
QRZ	2.11	347	P	51	05.30	0.7
MOW	2.16	48	P	51	05.40	0.2
DIW	2.17	16	P	51	05.70	0.3
CAW	2.29	40	P	51	07.10	0.0
BLW	2.31	50	eP	51	07.30	-0.1
KIW	2.42	34	P	51	09.20	0.2
MTW	2.47	46	eP	51	09.20	-0.5
ODZ	2.80	219	P	51	14.60	0.3
		eS	51	45.10		
MNG	2.87	38	P	51	14.80	-0.6
		S	51	45.80		
NRZ	3.60	10	eP	51	25.90	0.3
TUZ	3.96	218	eP	51	30.20	-0.3
MOZ	4.56	17	eP	51	38.50	-0.6

S.D. = 0.4 on 19 of 19 obs.

& DEC 31, 1992 01h 59m 43.50s
 45.560 N 111.707 W

DEPTH = 7.1km
 MONTANA (456)
 <BUT>. ML 2.9 (BUT). Felt at
 Norris.

LCCM	0.30	337	iPc	59	49.60	-0.1
BGMT	0.40	216	iPc	59	51.10	-0.6
MEMT	0.52	85	iPc	59	53.10	-0.9
LRM	0.58	297	iPc	59	54.60	-0.7
H8MT	0.67	291	iPc	59	56.40	-0.7
SXM	0.68	30	ePc	59	56.60	-0.7
BUT	0.75	307	ePc	59	57.70	-0.9
		iS	00	08.00		
TPMT	0.83	178	ePc	59	58.90	-1.1
LTMT	1.07	196	eP	00	03.70	-0.5
MCMT	1.09	228	ePnc	00	03.60	-0.8
HRY	1.15	356	eP	00	05.00	-0.4
NEW	4.59	308	e(P)	01	44.81	49.9

12 obs. associated

* DEC 31, 1992 02h 28m 09.06 ± 1.06s
 39.230 N ± 7.4km 20.121 E ± 13.7km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)

KEK	0.54	333	eP	28	19.80	-0.2
		eS	28	31.80		
VLS	1.11	161	eP	28	30.00	0.0
KZN	1.67	49	eP	28	38.00	-0.5
OHR	1.95	15	iPn	28	43.00	0.4
		iSn	29	08.20		
SKO	2.92	20	ePn	28	56.60	0.3
		i	29	02.50		

S.D. = 0.5 on 5 of 5 obs.

DEC 31, 1992 02h 50m 33.15 ± 0.19s
 26.467 S ± 5.1km 75.144 E ± 4.1km
 DEPTH = 10.0km (geophysicist)
 5.2mb (23 obs.) 4.7Ms (2 obs.)
 MID-INDIAN RIDGE (429)

TRT	40.19	69	ePc	58	12.50	1.0
BFT	40.36	261	iPc	58	13.50	0.4
	0.8s	22.39nm			4.9mb	
SLR	41.91	260	iPc	58	25.50	-0.2
	1.0s	25.00nm			4.9mb	
BLF	43.15	255	iPd	58	35.30	-0.6
	0.8s	25.00nm			5.0mb	
HYB	43.75	5	eP	58	41.40	0.9
FRS	43.80	254	iPc	58	40.70	-0.2
	1.0s	25.00nm			5.0mb	
POO	44.75	358	eP	58	45.00	-3.6X
NNT	45.59	35	eP	58	36.30	-19.1X
LWI	50.54	291	iPc	59	35.20	0.9
CHG	50.60	30	iPd	59	34.50	0.2
	1.4s	49.42nm			5.3mb	
WRA	54.40	96	P	00	03.00	0.1
	3.4s	1.80nm			3.5mb X	
WB2	54.41	96	iPd	00	02.10	-0.8
	1.0s	8.70nm			4.7mb	
		e	01	04.10		
ADE	54.50	115	eP	00	03.60	0.1
NVL	56.52	201	eP	00	17.00	-0.5
		e	00	23.00		
BFD	57.19	119	eP	00	21.50	-1.2
STK	57.47	112	eP	00	24.50	-0.3
	0.8s	5.60nm			4.6mb	
		e	01	17.10		
KMI	57.79	30	Pc	00	27.50	0.2
	2.0s	150.00nm			5.7mb	
LSA	57.92	16	P	00	29.00	0.6
	1.4s	24.00nm			5.0mb	
TOO	59.42	120	iPc	00	38.80	0.4
	1.0s	39.00nm			5.5mb	
GYA	60.75	32	iPd	00	47.60	0.0
	1.2s	35.00nm			5.4mb	
		pP	00	51.00	11kmX	
BWA	62.44	117	eP	00	59.90	1.0
CAN	62.68	118	eP	01	00.40	-0.1
BCAO	62.75	291	iPc	01	00.10	-1.1
	0.6s	17.00nm			5.4mb	
		id	01	03.00		
CD2	63.27	27	eP	01	03.10	-1.2
MAIO	64.15	346	eP	01	00.00	-0.1
		eSn	09	48.00		
KSH	65.58	1	eP	01	18.50	-0.8
	1.3s	70.00nm			5.7mb	

ARMA	66.15	113	iPc	01	23.50	0.2
	1.0s	21.00nm			5.3mb	
LZH	67.86	25	eP	01	33.50	-0.4
	1.4s	65.00nm			5.6mb	
Z	18s	0.30um			4.6Ms	
E	12s	0.27um				
XAN	68.18	30	P	01	34.90	-0.9
	1.3s	21.00nm			5.2mb	
GTA	69.47	20	eP	01	44.00	0.2
	1.0s	4.00nm			4.5mb	
WMQ	70.88	10	P	01	51.50	-0.7
	2.0s	40.00nm			5.2mb	
TIY	72.81	30	eP	02	04.00	0.2
Z	20s	0.50um			4.8Ms	
TIA	73.85	34	eP	02	09.30	-0.5
	1.0s	15.00nm			5.0mb	
BTO	74.18	27	P	02	12.00	0.2
HHC	75.03	28	eP	02	17.00	0.3
	1.4s	31.00nm			5.1mb	
BJI	76.40	31	eP	02	24.00	-0.4
KIC	83.82	280	Pd	03	04.50	-0.1
	0.9s	16.50nm			5.3mb	
LIC	84.01	280	Pd	03	05.40	-0.1
	0.9s	14.00nm			5.2mb	
TIC	84.19	280	Pd	03	06.40	-0.1
VRI	84.34	328	ePc	03	07.00	0.5
MLR	84.44	328	ePd	03	08.00	0.8
CLI	84.59	329	eP	03	04.00	-3.8X
MAT	86.32	46	eP	03	16.00	-0.6
	1.2s	34.38nm			5.4mb	
SPC	89.79	328	eP	03	33.30	0.1
SRO	89.82	326	eP	03	33.70	0.6
ZST	90.69	325	eP	03	36.00	-1.1
		e	31	09.20		
GEC2	92.85	324	eP	03	46.70	-0.4
	0.9s	0.49nm			3.9mb X	
		e	03	49.50		
SIV	120.07	230	PKP	09	30.20	3.7X
LPB	124.30	224	PKP	09	36.00	0.9
ZOBO	124.50	224	iPKPc	09	35.80	0.1
	1.1s	14.50nm				
RES	131.45	356	ePKP	09	48.00	1.5
FCC	146.85	350	ePKP	10	18.50	3.8X
EE0	151.33	321	ePKP	10	30.50	8.4X
LCCM	159.87	14	ePKP	10	37.50	4.0X
		e	11	12.40		
LNO	167.80	323	ePKP	10	41.00	0.4
TUL	167.81	323	ePKP	10	41.20	0.5
	1.4s	31.20nm				
UYO	168.19	313	iPKPc	10	41.30	0.3

S.D. = 0.6 on 50 of 57 obs.

% DEC 31, 1992 02h 57m 26.99 ± 2.25s
 47.129 N ± 6.8km 2.772 W ± 20.3km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.9 (LDG).

LPF	1.48	52	Pn	57	54.60	1.0
			Pg	57	56.80	
			Sg	58	14.00	
GRR	1.80	45	Pn	57	58.10	-0.2
			Pg	58	02.40	
			Sg	58	23.30	
MFF	1.88	105	Pg	58	04.20	4.8X
			Sg	58	25.50	
FLN	2.25	42	Pn	58	04.60	-0.1
			Pg	58	10.60	
			Sg	58	36.20	
LDF	2.31	50	Pn	58	05.20	-0.5
			Pg	58	11.10	
			Sg	58	38.30	
LSF	3.09	105	Pn	58	17.30	0.6
			Pg	58	27.30	
			Sn	58	49.40	
			Sg	59	03.70	
LFF	3.28	131	Pg	58	31.00	11.5X
			Sg	59	13.40	
RJF	3.49	120	Pg	58	34.40	12.0X
			Sg	59	17.70	
TCF	3.53	102	Pn	58	23.10	0.1
			Pg	58	34.10	
			Sn	58	59.10	
			Sg	59	18.20	
LPO	3.69	130	Pg	58	37.70	12.4X
			Sg	59	26.30	
MAF	3.79	102	Pn	58	26.40	-0.2

		Sn	59 04.10	
		Sg	59 26.10	
BGF	3.90 96	Pn	58 28.60	0.4
		Sg	59 27.80	
AVF	4.21 92	Pn	58 31.80	-0.8
		Sn	59 14.50	
		Sg	59 37.90	
SSF	4.29 89	Pn	58 33.50	-0.3
		Sn	59 20.10	
		Sg	59 40.90	
LOR	4.52 86	Pg	58 53.80	16.7X
		Sn	59 25.10	
		Sg	59 47.90	
EPF	4.65 151	Pn	58 38.90	-0.1
		Sn	59 30.40	
S.D. = 0.6 on 11 of 16 obs.				

? DEC 31, 1992 03h 03m 07.29±4.51s
49.817 N ±34.7km 0.299 W ±16.1km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.8 (LDG).

FLN	1.06 187	Pg	03 26.80	-0.5
		Sg	03 41.40	
LDF	1.23 175	Pg	03 30.70	0.5
		Sg	03 47.20	
GRR	1.48 195	Pg	03 33.60	-0.3
		Sg	03 51.30	
LPF	1.85 196	Pg	03 39.80	0.5
		Sg	04 03.20	
HYF	3.21 141	Pg	04 10.60	11.8X
		Sg	04 52.30	
MFF	3.22 178	Pg	04 06.90	8.0X
		Sg	04 45.30	
SSF	3.74 136	Pn	04 06.90	0.6
		Sg	05 09.60	
LOR	3.76 131	Pn	04 07.00	0.4
		Sn	04 48.40	
		Sg	05 10.00	
BGF	3.88 146	Pn	04 08.30	0.0
		Pg	04 21.90	
		Sg	05 12.20	
AVF	3.89 140	Pn	04 07.30	-1.0
LBF	4.02 133	Pn	04 10.00	-0.2
		Sg	05 17.00	
S.D. = 0.6 on 9 of 11 obs.				

* DEC 31, 1992 03h 03m 07.76±1.70s
35.871 N ±11.5km 141.733 E ±11.9km
DEPTH = 37.0 ± 12.1 km
4.2mb (7 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ	1.31 285	iPd	03 28.50	-1.3
		S	03 43.70	
CHJJ	2.23 275	P	03 42.20	-0.8
NIJJ	2.59 303	P	03 48.70	0.5
YAMJ	2.67 330	P	03 50.10	0.8
		eS	04 24.40	
MAT	2.93 284	iPc	03 52.90	-0.2
		eS	04 28.00	
IIDJ	3.14 264	P	03 57.10	1.1
OFUJ	3.20 359	P	03 58.10	1.2
		eS	04 35.60	
MTMJ	3.26 284	P	03 57.90	0.2
TSRJ	4.69 268	P	04 19.30	1.3
AOMJ	4.80 348	eP	04 21.90	2.3
MRRJ	6.57 356	eP	04 43.50	-0.8
HOJ	6.61 10	eP	04 43.80	-1.2
		eS	05 53.50	
KUSJ	7.58 17	eP	04 56.40	-2.1
		eS	06 16.60	
ASAJ	8.27 5	eP	05 06.90	-1.2
TIA	19.89 278	eP	07 34.80	-4.1X
BJI	20.55 289	eP	07 42.00	-3.7X
TIY	23.50 283	eP	08 13.20	-1.9
LZH	30.54 282	eP	09 18.30	-1.8
		1.2s 18.00nm	4.7mb	
GTA	33.17 289	P	09 42.50	-0.5
		1.0s 5.00nm	4.4mb	
WMO	41.60 298	P	10 54.00	0.2
		1.0s 17.00nm	4.7mb	
		pP	11 04.00	34kmX
WB2	55.95 188	iPc	12 44.60	0.0
		1.0s 2.60nm	4.2mb	
		i	12 55.80	

WRA	55.95 188	P	12 44.80	0.2
	0.6s	0.60nm	3.8mb	
GBA	61.39 266	P	13 22.00	-0.7
RES	63.66 14	eP	13 39.50	2.5
KAF	69.46 333	eP	14 14.20	0.3
NUR	71.10 332	eP	14 24.00	0.1
NAO	75.64 338	P	14 50.90	0.4
	0.8s	1.50nm	4.0mb	
GEC2	83.84 328	eP	15 35.70	1.0
	0.8s	0.73nm	3.9mb	
ZOBO	147.04 62	PKP	22 51.70	4.4X
SIV	151.62 52	iPKPc	23 07.00	13.4X
S.D. = 1.3 on 26 of 30 obs.				

% DEC 31, 1992 03h 04m 46.12±0.61s
39.243 N ±5.7km 28.778 E ±6.5km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.0 (ISK).

DST	0.38 342	iPg	04 53.30	-0.6
		eSg	04 57.80	
ALT	1.05 100	ePn	05 06.80	0.8
KCT	1.06 342	iPn	05 06.20	0.2
KHL	1.09 147	ePg	05 05.70	-0.9
EDC	1.31 328	iPn	05 10.50	0.2
YLV	1.40 19	iPn	05 11.70	0.0
IEM	1.45 235	ePn	05 13.00	0.5
EZN	1.98 288	ePn	05 20.00	-0.1
S.D. = 0.7 on 8 of 8 obs.				

& DEC 31, 1992 03h 30m 37.69s
60.798 N 149.067 W
DEPTH = 31.3km

KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.6 (AEIC).

PTE	0.07 18	iP	30 42.77	-0.3
		eS	30 46.87	
MPA	0.34 205	iP	30 45.15	-0.7
		eS	30 50.93	
PMS	0.51 332	iP	30 47.39	-1.0
SLKM	0.64 243	iP	30 49.58	-0.8
		eS	30 58.27	
KNK	0.68 25	eP	30 49.92	-1.2
SEW	0.72 195	eP	30 50.44	-1.1
KNIM	0.80 124	iP	30 51.55	-1.1
		eS	31 02.03	
PLRM	0.80 358	eP	30 51.68	-0.9
		eS	31 02.87	
PWA	0.94 336	eP	30 53.94	-0.7
LTI	0.97 141	eP	30 54.32	-0.8
GLI	0.97 84	eP	30 53.79	-1.3
SUA	1.05 310	eP	30 55.63	-0.8
NKA	1.07 268	iP	30 57.54	1.1
SML	1.07 19	eP	30 56.08	-0.6
		eS	31 10.19	
FID	1.27 91	eP	30 57.96	-1.4
HIN	1.33 107	eP	30 59.60	-0.6
		eS	31 18.16	
SCM	1.34 38	eP	31 00.37	0.0
VLZ	1.38 75	eP	31 00.17	-0.7
		eS	31 18.51	
BRK	1.38 222	eP	31 00.52	-0.4
SPU	1.51 286	eP	31 02.21	-0.6
		eS	31 21.74	
CGLM	1.52 291	eP	31 02.82	-0.2
CKN	1.58 287	eP	31 03.86	0.0
CKT	1.58 286	eP	31 03.68	-0.3
		eS	31 24.00	
CP2	1.61 288	eP	31 04.32	-0.2
		eS	31 25.73	
CKL	1.64 286	eP	31 04.42	-0.5
CVA	1.65 97	eP	31 04.34	-0.5
RDT	1.66 264	eP	31 04.95	-0.1
SKT	1.68 316	eP	31 04.82	-0.5
		eS	31 26.17	
		eS	31 26.49	
KLU	1.68 64	eP	31 05.05	-0.3
		eS	31 25.74	
BGL	1.68 288	eP	31 05.28	-0.2
DFR	1.79 265	eP	31 06.68	-0.3
		eS	31 29.34	
REF	1.82 262	eP	31 06.82	-0.7
		eS	31 30.13	
		eS	31 30.56	
RSO	1.85 261	eP	31 07.76	-0.2

RS2	1.85 261	eP	31 07.82	-0.2
RS1	1.85 261	eP	31 07.92	-0.1
RDW	1.87 262	eP	31 07.54	-0.7
TOA	1.91 45	eP	31 08.89	0.2
NCT	1.92 265	eP	31 08.47	-0.4
		S	31 31.08	
SGAM	1.92 97	eP	31 07.82	-1.0
INE	2.11 251	eP	31 11.22	-0.5
TZL	2.15 53	eP	31 10.85	-1.2
RAGM	2.21 99	eP	31 11.20	-1.7
AUP	2.61 238	eP	31 16.83	-1.9
GLB	2.63 74	eP	31 17.13	-1.8
CRQM	2.91 88	eP	31 21.77	-1.2
CDD	2.97 233	eP	31 23.21	-0.6
BALM	3.29 83	eP	31 26.96	-1.4
CTGM	3.78 84	eP	31 32.46	-2.9
48 obs. associated				

? DEC 31, 1992 03h 55m 37.68±1.16s
48.315 N ±19.7km 8.662 E ±9.4km
DEPTH = 10.0km (geophysicist)

GERMANY (543)

FEL	0.62 225	ePn	55 49.65	-0.6
CDF	0.93 277	Pg	55 55.00	-0.5
		Sg	56 10.40	
BSF	1.34 250	Pg	56 03.60	1.1
		Sg	56 24.40	
HAU	1.58 260	Pg	56 08.20	2.4X
		Sg	56 31.80	
GEC2	3.39 79	Pg	56 31.70	0.0
		Sg	57 14.60	
S.D. = 1.3 on 4 of 5 obs.				

DEC 31, 1992 04h 01m 02.85±0.27s
31.514 S ±4.4km 67.989 W ±4.8km
DEPTH = 117.6 ± 3.5 km
5.2mb (3 obs.)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.23 246	iPc	01 19.60	-0.2
RTCV	0.58 233	iPd	01 21.50	0.1
MDZ	1.55 208	eP	01 32.00	0.9
RTPR	1.75 47	iPc	01 34.00	0.5
MRA	2.14 115	iPc	01 38.90	0.6
JACH	2.50 242	iP+	01 44.09	0.9
FCH	2.66 226	iP+	01 46.47	0.9
PEL	2.80 234	iP+	01 47.26	0.1
TCA	2.91 87	iPc	01 48.00	-0.6
		S	01 57.00	
ROCH	2.94 240	iP+	01 48.79	-0.5
SAN	2.97 229	iP+	01 49.67	0.2
PCH	2.99 225	iP	01 50.15	0.4
CHCH	3.30 222	iP+	01 53.78	0.0
CACH	3.40 220	iP+	01 56.40	1.1
		iS	02 27.88	
IHA	3.44 243	iPc	01 54.70	-1.0
		iS	02 26.60	
LCCH	3.60 236	iPd	01 56.56	-1.3
		iS	02 27.48	
CYA	3.60 32	iPd	01 57.50	-0.4
LVN	3.77 229	iP	01 58.30	-1.8
FSA	5.68 18	iPd	02 26.10	-0.1
		S	03 11.70	
SLA	7.11 19	ePd	02 46.10	0.2
ANT	8.07 344	eP	02 55.50	-3.3X
HJA	8.58 16	ePc	03 06.00	0.4
LPB	14.91 360	P	04 30.00	0.7
		e	04 35.00	
		i	04 58.00	
ZOBO	15.16 359	eP	04 32.00	-0.5
ARE	15.32 347	eP	04 33.00	-1.3
SIV	16.69 24	P	04 54.20	3.1X
VAO	20.50 71	eP	05 33.00	-0.5
		e	05 36.90	
BAO	24.14 54	Pd	06 08.70	-0.6
BDF	24.18 54	Pd	06 09.00	-0.7
NVL	57.26 157	eP	10 38.00	-1.8
		e	11 05.00	
SPA	58.66 180	iPd	10 49.70	-0.2
	0.9s 27.27nm		5.3mb	
KDS	69.11 60	iP	11 58.30	-0.1
UYO	69.93 337	iPd	12 02.70	-0.3
LIC	70.73 70	Pd	12 08.40	0.1
TIC	70.99 69	Pd	12 10.00	0.1
KIC	71.04 70	Pd	12 10.30	0.1

31d 04h

LMN 0.9s 25.50nm 5.1mb 12 47.50 3.4X
 EEO 77.05 2 ePc 12 47.50 3.4X
 ULM 78.43 352 eP 12 55.00 3.3X
 LCCM 85.08 342 eP 13 28.50 2.4
 BCAO 86.65 331 eP 13 35.00 0.8
 BCAO 89.33 84 iPc 13 48.70 1.1
 0.5s 10.00nm 5.2mb
 id 14 30.40
 NUR 118.13 34 ePKP 19 36.20 -0.5
 KAF 119.28 33 ePKP 19 37.90 -0.9
 WB2 124.53 206 iPKPd 19 49.70 -0.5
 0.3s 14.70nm
 i 20 19.40
 WRA 124.53 206 PKP 19 49.80 -0.4
 0.6s 5.80nm
 GBA 143.64 111 PKP 20 26.00 0.1
 HYB 146.62 107 ePKP 20 33.00 2.1
 S.D. = 0.9 on 43 of 47 obs.

& DEC 31, 1992 04h 33m 38.32s
 64.773 N 148.925 W
 DEPTH = 14.1km
 CENTRAL ALASKA (1)
 <AEIC>. ML 3.3 (AEIC).

NEA 0.21 198 iP 33 42.91 -0.3
 eS 33 45.99
 MDM 0.35 58 iP 33 45.46 -0.3
 CCB 0.50 104 iP 33 48.12 -0.2
 FBA 0.50 75 iPc 33 47.72 -0.6
 GLM 0.69 71 iP 33 51.32 -0.3
 MLY 0.82 289 eP 33 53.86 0.1
 HDA 0.93 113 iP 33 55.00 0.2
 MCK 1.05 180 eP 33 57.73 0.1
 eS 34 11.70
 RND 1.37 179 eP 34 02.61 -0.4
 eS 34 21.22
 PRP 1.62 61 eP 34 06.41 -0.2
 S 34 29.21
 HUR 1.83 190 eP 34 10.68 1.1
 eS 34 34.80
 THY 1.95 133 eP 34 13.89 2.6
 FYU 2.36 39 eP 34 15.79 -1.4
 PAX 2.37 138 eP 34 17.31 -0.1
 IMA 2.38 305 eP 34 15.65 -1.9
 eS 34 50.83
 DOT 2.41 116 eP 34 18.28 0.4
 S 34 49.12
 SDG 2.71 145 eP 34 22.24 0.0
 TOA 2.95 154 eP 34 24.32 -1.3
 SML 2.99 175 eP 34 25.22 -0.9
 GHO 3.01 180 P 34 25.60 -0.9
 SCM 3.04 166 eP 34 27.77 0.9
 SKT 3.04 204 eP 34 26.24 -0.6
 PWA 3.16 188 P 34 28.20 -0.4
 PLRM 3.19 182 eP 34 28.05 -0.9
 PMR 3.19 182 eP 34 28.70 -0.3
 eS 35 14.39
 KNK 3.38 176 eP 34 32.53 0.8
 SUA 3.42 195 P 34 33.84 1.5
 PMS 3.55 185 P 34 35.40 1.2
 KLU 3.56 156 eP 34 33.71 -0.6
 TTA 3.64 243 eP 34 33.00 -2.5
 CRP 3.81 204 eP 34 37.03 -1.0
 CP2 3.83 205 eP 34 37.66 -0.6
 VLZ 3.84 161 eP 34 38.77 0.6
 CKN 3.86 204 eP 34 38.75 0.3
 BGL 3.86 206 eP 34 38.06 -0.5
 SPU 3.88 203 eP 34 38.27 -0.5
 CKL 3.91 205 eP 34 38.88 -0.4
 FID 4.19 163 eP 34 42.64 -0.5
 SLKM 4.32 189 P 34 47.20 2.1
 SGAM 4.62 157 eP 34 49.57 0.3
 RDW 4.66 204 eP 34 49.35 -0.7
 BALM 4.81 138 eP 34 52.50 0.5
 42 obs. associated

DEC 31, 1992 05h 40m 54.62±0.81s
 6.632 S ± 4.3km 130.592 E ± 10.0km
 DEPTH = 62.5 ± 7.5 km
 5.0mb (1 obs.)
 BANDA SEA (280)

SLKI 1.51 152 iPd 41 28.50 8.6X
 iS 41 45.50
 SWI 5.77 7 iPc 42 20.00 0.3
 iS 43 21.00

MTN 6.20 175 iPc 42 25.80 0.1
 0.4s 388.00nm 6.2mb X
 eS 43 31.00
 WB2 13.73 165 iPc 44 03.60 -4.3X
 eS 46 27.10
 OIS 16.37 149 eP 44 40.70 -1.2
 eS 47 32.20
 MBL 17.81 215 eP 44 40.20 -19.6X
 0.4s 17.00nm
 eS 47 47.00
 WARB 19.81 191 eP 45 23.70 0.8
 eS 48 43.00
 RMO 26.26 141 eP 46 50.20 24.3X
 0.5s 8.00nm
 MRWA 26.35 210 eP 46 26.00 -0.7
 STK 27.14 159 eP 46 34.40 0.5
 0.4s 1.20nm
 KLB 27.58 204 eP 46 38.00 0.1
 BFD 32.30 162 eP 47 20.30 0.6
 KHT 38.20 304 eP 48 10.10 -0.2
 CHG 40.16 310 eP 48 26.60 0.1
 LZH 49.36 331 eP 49 39.50 -0.5
 1.5s 22.00nm
 GEC2 112.52 320 ePKPd 59 25.30 -0.3
 0.5s 0.87nm
 e 59 39.00
 BSF 117.20 321 ePKP 59 34.10 -0.5
 0.6s 2.25nm
 HAU 117.41 321 ePKP 59 35.50 0.6
 0.5s 1.15nm
 LPG 118.08 319 ePKP 59 36.40 -0.2
 0.4s 1.80nm
 LPL 118.08 319 ePKP 59 36.40 -0.1
 0.4s 2.75nm
 LOR 119.25 321 ePKP 59 38.50 0.1
 LBF 119.29 321 ePKP 59 38.30 -0.3
 0.4s 0.95nm
 SSF 119.56 321 ePKP 59 39.00 0.0
 0.5s 2.20nm
 AVF 119.76 321 ePKP 59 39.10 -0.3
 0.3s 0.85nm
 BGF 120.18 321 ePKP 59 40.40 0.2
 0.5s 3.45nm
 TCF 120.69 321 ePKP 59 41.40 0.2
 0.4s 1.10nm
 LDF 121.06 324 ePKP 59 41.90 0.1
 0.4s 0.90nm
 LSF 121.13 321 ePKP 59 42.30 0.3
 LPF 121.87 324 ePKP 59 43.50 0.2
 MFF 122.01 322 ePKP 59 43.80 0.1
 0.5s 5.70nm
 LPO 122.02 319 ePKP 59 45.80 2.0X
 VAO 150.45 185 (PKP) 00 42.00 6.0X
 LPB 150.48 141 PKPc 00 44.30 7.7X
 ZOBO 150.64 141 PKPc 00 44.00 6.9X
 S.D. = 0.5 on 26 of 34 obs.

* DEC 31, 1992 06h 23m 26.26±0.49s
 34.947 S ± 10.1km 17.225 W ± 11.5km
 DEPTH = 10.0km (geophysicist)
 5.1mb (19 obs.) 4.7Msz (4 obs.)
 SOUTHERN MID-ATLANTIC RIDGE (410)

VAO 28.50 287 (P) 29 44.00 20.0X
 FRS 36.12 94 eP 30 16.60 -13.7X
 BLF 37.04 93 iPd 30 38.50 0.2
 1.0s 20.00nm
 NVL 39.11 165 eP 30 53.00 -1.9
 Z 19s 1.00um
 N 19s 0.80um
 E 19s 0.50um
 SLR 40.05 89 iPd 31 03.10 -0.4
 0.8s 11.19nm
 BFT 41.51 90 eP 31 17.00 1.4
 1.0s 20.00nm
 MDZ 42.50 258 eP 31 24.30 0.8
 LIC 42.54 18 Pc 31 23.80 0.1
 Z 20s 0.50um
 KIC 42.74 18 P 31 25.30 -0.1
 TIC 42.94 18 P 31 26.90 -0.1
 SIV 43.45 284 P 31 37.40 6.1X
 i 31 51.40
 KDS 47.49 7 eP 32 02.30 -1.0
 LPB 48.81 279 P 32 14.00 -0.3
 ZOBO 48.97 279 eP 32 08.00 -7.7X
 Z 24s 0.10um
 3.7MszX

BCAO 51.62 48 iPc 32 34.10 -1.1
 1.0s 60.00nm
 ic 32 39.50 5.5mb
 SPA 55.24 180 iPd 33 02.30 0.6
 1.5s 48.86nm
 RJF 81.66 13 eP 35 44.70 -1.0
 LSF 82.58 13 eP 35 49.90 -0.5
 MFF 82.62 12 eP 35 50.30 -0.3
 1.3s 16.25nm
 TCF 82.74 13 eP 35 51.00 -0.3
 1.6s 34.85nm
 MAF 82.74 14 eP 35 51.10 -0.2
 1.5s 17.75nm
 LPG 82.96 17 eP 35 51.90 -0.9
 1.0s 6.60nm
 LPL 82.97 17 eP 35 52.10 -0.7
 1.9s 50.35nm
 BGF 83.12 14 eP 35 52.70 -0.5
 OHR 83.37 28 e(P) 35 56.50 1.8
 SMF 83.41 14 eP 35 54.00 -0.7
 1.8s 47.45nm
 AVF 83.45 14 eP 35 54.40 -0.5
 1.7s 38.25nm
 SSF 83.74 14 eP 35 55.80 -0.6
 1.7s 25.00nm
 LBF 83.76 14 eP 35 55.90 -0.6
 MMK 83.77 17 iPc 35 58.80 1.9
 LPF 83.87 11 eP 35 56.60 -0.4
 LOR 84.00 14 eP 35 57.00 -0.7
 1.8s 40.55nm
 Z 22s 0.43um
 TMA 84.05 18 ePd 35 59.80 1.6
 SKO 84.35 28 e(P) 35 46.20 -13.4X
 i 36 01.00
 LLS 84.79 18 ePd 36 04.00 2.1
 OSS 84.91 19 ePd 36 06.10 3.6X
 CDF 85.82 16 eP 36 06.10 -0.8
 1.7s 16.90nm
 GEC2 87.85 20 eP 36 15.40 -1.4
 1.1s 1.44nm
 e 36 18.90
 e 36 26.20
 e 36 33.00
 e 36 37.50
 GRF 87.97 18 ePc 36 20.00 2.8X
 1.6s 30.00nm
 Z 19s 0.30um
 KHC 88.08 20 P 36 20.00 2.2
 1.0s 3.50nm
 PRU 89.12 20 eP 36 25.00 2.3
 CLL 89.91 18 eP 36 29.00 2.7X
 1.8s 21.00nm
 S.D. = 1.2 on 34 of 42 obs.

% DEC 31, 1992 06h 37m 19.83±1.75s
 39.230 N ± 11.3km 28.650 E ± 19.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

DST 0.38 357 iPg 37 27.60 0.0
 iSg 37 32.60
 KCT 1.04 348 iPn 37 40.00 0.5
 KHL 1.13 143 iPn 37 40.90 -0.2
 ALT 1.15 98 ePn 37 41.90 0.5
 YLV 1.45 22 iPn 37 45.30 -0.8
 S.D. = 0.8 on 5 of 5 obs.

? DEC 31, 1992 06h 42m 07.24±2.26s
 39.352 N ± 19.5km 28.830 E ± 16.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

DST 0.30 328 iPg 42 13.20 -0.3
 iSg 42 18.20
 KCT 0.97 338 iPg 42 26.00 0.4
 ALT 1.04 106 ePg 42 26.90 0.0
 YLV 1.28 19 iPn 42 31.00 -0.1
 S.D. = 0.5 on 4 of 4 obs.

& DEC 31, 1992 06h 50m 43.54s
 63.168 N 150.516 W
 DEPTH = 109.4km
 CENTRAL ALASKA (1)

CN2	N	15s	5.10um				
	E	15s	7.90um	S	07 33.00		
		13.65	297	eP	05 57.00	-0.6	
		1.4s		83.00nm		5.4mb	
	Z	19s		3.68um		4.0Mszx	
SNY	N	12s	3.31um				
	E	12s	1.44um	esP	06 05.00		
				eS	08 33.00		
		14.65	288	Pd	06 10.70	0.0	
		1.4s		38.00nm		4.6mb	
SKR	Z	17s	6.84um			5.1Mszx	
	N	11s	2.96um				
	E	12s	1.89um	sP	06 20.00		
				S	08 58.00		
		15.28	35	eP	06 18.10	-0.8	
DL2		1.0s	160.00nm			5.2mb	
	Z	16s	2.20um			4.9Mszx	
	N	20s	2.30um				
	E	16s	2.90um	eS	09 01.50		
		16.17	277	eP	06 30.00	-0.3	
PET		1.0s	350.00nm			5.4mb	
	Z	13s	4.48um			4.4Mszx	
	N	12s	1.66um	pP	06 46.00		
	E	12s	5.70um	sP	06 39.00		
				SS	09 48.00		
SSE		18.07	33	eP	06 53.00	-0.9	
		1.5s	140.00nm			4.9mb	
	Z	16s	2.60um			4.5Mszx	
		18.99	252	Pc	07 03.00	-2.3	
		1.0s	430.00nm			5.6mb	
TIA	Z	20s	6.90um			4.7Mszx	
	N	14s	3.10um	pP	07 10.80		
	E	14s	1.40um	S	10 30.00		
				eP	07 15.70	-2.8X	
		20.19	270	eP		5.5mb	
8JI		2.0s	490.00nm			5.3Mszx	
	Z	12s	8.33um				
	N	12s	3.04um				
	E	12s	3.02um	sP	07 32.50		
				eS	10 53.50		
NJ2		20.26	282	eP	07 16.00	-3.1X	
		2.0s	470.00nm			5.5mb	
	Z	14s	7.06um			5.2Mszx	
	E	13s	5.26um	eS	10 56.00		
		20.30	258	Pd	07 17.00	-2.7X	
MGD		0.9s	120.00nm			5.2mb	
	N	14s	1.17um	sP	07 31.00		
	E	13s	5.15um	eP	07 34.00	-2.0	
		21.93	11	eP		5.3mb	
		1.5s	180.00nm			4.6Mszx	
TIY	Z	17s	2.10um				
	N	17s	1.20um				
	E	17s	1.00um	e	07 50.00		
				e	08 10.00		
				eS	11 38.00		
HHC				eSS	12 08.00		
		23.49	277	eP	07 48.00	-3.6X	
		1.2s	83.00nm			5.1mb	
	Z	18s	9.09um			5.3Msx	
	E	11s	4.02um				
CIT		23.69	285	eP	07 52.00	-1.5	
		1.4s	49.00nm			4.8mb	
	Z	16s	8.30um			5.3Mszx	
	N	12s	1.52um	pP	08 00.00	28kmx	
	E	14s	5.04um	S	12 04.00		
QZH		23.92	313	eP	07 55.00	-0.6	
				eS	12 11.00	5.1Mszx	
	Z	16s	5.34um				
	N	16s	5.30um	eP	08 00.00	-0.4	
		24.41	242	Pc		5.1Mszx	
WHN				S	12 18.00		
		24.42	259	Pc	08 01.00	0.4	
		1.5s	300.00nm			5.6mb	

KLU	48.26	38	eS	18	21.00	
AAA	48.41	297	eP	11	22.71	-0.6
			eP	11	26.00	1.3
Z	16s		1.80um			5.1MsZ
N	16s		1.80um			
E	16s		1.20um			
MKS	48.71	211	iPc	11	27.50	0.4
SNG	49.05	241	eP	11	31.00	1.2
	1.4s	330.23nm				6.2mb
BRVK	49.99	311	iPc	11	35.50	-1.1
	0.9s	126.00nm				5.9mb
BALM	50.03	38	eS	18	43.00	
			eP	11	35.70	-1.3
			i	11	44.00	
			e	13	06.11	
FRU	50.17	298	iP	11	39.00	0.8
	3.0s	600.00nm				6.1mb
Z	18s		2.00um			5.2MsZ
N	18s		1.50um			
E	18s		1.40um			
			e	11	48.00	
			e	18	49.00	
KSH	50.40	293	P	11	42.00	1.9
	0.6s	30.00nm				5.5mb
Z	14s		2.97um			5.5MsZ
E	11s		2.23um			
			pP	11	50.00	27kmX
IPM	50.67	238	ePc	11	42.80	0.6
KGM	51.12	234	ePd	11	47.00	1.4
	1.1s	133.60nm				5.8mb
MTN	52.49	194	eP	11	55.00	-0.9
KHK I	53.16	214	ePc	11	59.90	-1.0
			e	14	50.00	
TRT	53.93	217	ePc	12	05.00	-1.5
NDI	54.10	280	iPc	12	07.50	-0.2
	0.9s	58.82nm				5.6mb
			eS	19	39.00	
SVE	54.31	318	iPc	12	08.00	-0.9
	1.2s	180.00nm				6.0mb
Z	15s		9.00um			6.0MsZ
N	15s		1.20um			
E	15s		4.00um			
			eS	19	39.00	
SJI	54.38	218	iPd	12	08.20	-1.6
SIT	54.52	42 (P)		12	16.13	5.7X
	1.6s	89.16nm				5.5mb
Z	20s	99.39um				6.9MsZ
KLI	55.63	227	eP	12	18.40	-0.6
CTA	58.74	176	P	12	40.70	-0.1
WB2	58.96	189	iPc	12	40.80	-1.6
	0.7s	76.50nm				5.9mb
WRA	58.97	189	P	12	41.00	-1.4
	0.3s	23.20nm				5.8mb
HYB	59.03	268	iPc	12	42.30	-0.8
	1.0s	85.00nm				5.8mb
RES	60.65	15	ePd	12	52.90	-0.6
	1.0s	24.00nm				5.3mb
APA	61.39	336	iPc	13	07.00	8.5X
KEY	62.02	339	iP	13	11.00	8.2X
	0.9s	65.90nm				5.8mb
POO	62.06	272	iPd	13	02.80	-1.0
GBA	62.13	265	P	13	03.20	-1.0
BOM	62.67	273	iPd	13	07.20	-0.5
			eS	21	34.60	
ASPA	62.69	189	P	13	07.19	-0.5
MBL	63.32	204	eP	12	52.30	-19.5X
	0.5s	12.00nm				
ASH	63.47	298	eP	13	13.00	0.2
MAIO	63.49	296	eP	13	13.00	-0.1
SDF	63.63	337	iP	13	12.60	-0.9
DZM	64.66	155	iPc	13	20.80	0.1
RMQ	65.27	174	iPc	13	24.00	-0.4
	1.0s	98.00nm				5.8mb
GMW	65.48	48	eP	13	27.17	1.4
JCW	65.64	47	P	13	35.33	8.6X
BMW	65.78	49	eP	13	29.72	2.0
NANU	66.07	207	iPc	13	30.20	0.6
	0.9					

[illegible]

31d 07h

SRN	85.58	319	eP	15	18.60	-1.3	BLF	127.16	260	iPKPd	21	46.60	0.0	SHNJ	10.27	246	P	28	35.70	1.5
TMA	85.72	330	ePd	15	20.80	0.0		0.8s	18.75nm					MDJ	11.15	305	eP	28	47.80	1.7
ACO	85.84	45	iPc	15	21.10	-0.3	SPA	128.66	180	ePKP	21	42.90	-5.4X		1.4s	250.00nm			6.2mb	
VAI	85.96	330	Pd	15	21.60	-0.1		1.5s	35.23nm					Z	17s	33.80um			5.1MsZ	
RSM	86.00	326	P	15	22.60	0.6	NVL	139.26	203	ePKP	22	06.00	-2.0	N	14s	11.80um				
MMK	86.12	330	iPd	15	23.40	0.5	ZOBO	145.10	58	PKP	22	19.20	-1.4	E	14s	19.60um				
SFI	86.27	327	P	15	24.50	1.2		1.0s	38.00nm						S		30	53.00		
DIX	86.31	330	ePd	15	24.50	0.6	LPB	145.30	59	PKPc	22	22.00	1.3	KUMJ	11.36	240	P	28	49.70	0.7
CRE	86.46	326	P	15	25.30	0.9		0.9s	92.44nm					KAGJ	12.18	234	P	29	00.70	0.6
ORO	86.47	330	P	15	23.90	-0.5			i	22	28.80		CN2	13.65	296	Pd	29	21.20	1.7	
EMS	86.50	331	ePd	15	25.10	0.4	ANT	148.36	71	ePKP	22	27.50	2.6X		0.8s	31.00nm			5.2mb	
MME	86.54	327	P	15	25.70	0.7	SIV	149.32	49	PKPd	22	31.00	4.4X	Z	19s	11.60um			4.5MsZ	
BOB	86.59	329	P	15	34.90	9.9X			i	22	44.80		N	12s	9.03um					
ASS	86.60	326	P	15	25.10	0.1	AIA	149.37	158	e(PKP)	22	24.00	-1.2	E	12s	5.99um				
LOR	86.62	333	eP	15	25.00	0.0	MDZ	154.08	86	ePKP	22	33.60	0.4		esP		29	30.00		
	1.1s	50.30nm				5.7mb	BAO	155.14	24	e(PKP)	22	50.00	14.9X		eS		31	54.00		
Z	21s	0.80um				5.1MsZ	BDF	155.20	24	e(PKP)	22	48.00	12.8X	SNY	14.66	287	Pc	29	32.00	-0.7
FLN	86.76	336	eP	15	25.60	-0.1		S.D. = 0.9	on 289 of 348 obs.					1.0s	62.00nm			5.0mb		
	0.7s	10.45nm				5.2mb							Z	17s	21.80um			4.7MsZ		
Z	22s	1.20um				5.3MsZ							N	11s	7.74um					
LDF	86.80	336	eP	15	25.80	-0.1		DEC 31, 1992 07h 26m 06.25 ± 0.49s					E	13s	5.08um					
	0.6s	8.85nm				5.2mb		38.902 N ± 2.7km 142.421 E ± 2.9km						sP		29	40.00			
LBF	86.82	333	eP	15	25.80	-0.2		DEPTH = 39.1 ± 4.1 km					SKR	15.22	35	eP	29	34.50	-5.4X	
	1.1s	31.25nm				5.5mb		5.4mb (115 obs.) 5.5MsZ (39 obs.)						0.5s	80.00nm			5.2mb		
SSF	86.92	333	eP	15	26.60	0.1		NEAR EAST COAST OF HONSHU, JAPAN(228)					Z	16s	6.10um			5.3MsZ		
	1.0s	27.80nm				5.4mb		Felt (IV JMA) in the Miyoko-					N	18s	7.10um					
LPL	87.04	331	eP	15	27.50	0.1		Ofunato-Morioko oreo.					E	16s	9.20um					
	1.0s	15.60nm				5.2mb		CENTROID, MOMENT TENSOR (HRV)					DL2	16.19	277	Pc	29	52.00	-0.4	
LPG	87.05	330	eP	15	27.70	0.2		Data Used: GDSN						1.0s	400.00nm			5.5mb		
	0.8s	13.45nm				5.2mb		L.P.B.: 20S, 36C				Z	18s	14.50um			5.2MsZ			
SMF	87.16	333	eP	15	27.80	0.2		Centroid Location:					N	13s	4.58um					
	1.5s	78.35nm				5.7mb		Origin Time 07:26: 8.0 0.4				E	12s	16.10um						
EEO	87.16	27	eP	15	39.00	11.3X		Lat 38.83N 0.04 Lon 142.70E 0.06						pP		30	03.00			
AVF	87.21	333	eP	15	28.00	0.2		Dep 16.3 3.9 Half-duration 1.6						S		32	55.00			
	1.0s	51.60nm				5.7mb		Moment Tensor: Scale 10**17 Nm						SS		33	11.00			
GRR	87.21	336	eP	15	28.10	0.3		Mrr= 1.04 0.15 Mtt= 1.64 0.18					PET	18.01	33	eP	30	15.00	0.0	
	0.7s	21.05nm				5.5mb		Mff=-2.68 0.15 Mrt=-1.38 0.54						1.2s	200.00nm			5.1mb		
WMOK	87.47	46	eP	15	29.54	0.2		Mrf= 3.61 0.95 Mtf=-2.48 0.14						eS		33	36.00			
	1.1s	40.83nm				5.6mb		Principal Axes:					SSE	19.03	252	Pc	30	24.00	-3.7X	
Z	21s	0.74um				5.1MsZ		T Val= 5.11 Plg=39 Azm=219						1.0s	580.00nm			5.8mb		
MEO	87.54	46	iPd	15	35.80	6.1X		N 0.10 39 350					Z	20s	16.00um			4.6MsZ		
BGF	87.58	333	eP	15	29.90	0.2		P -5.21 27 104					N	12s	4.40um					
	1.0s	20.40nm				5.3mb		Best Double Couple: Mo=5.2*10**17				E	12s	4.20um						
LPF	87.58	336	eP	15	30.10	0.5		NP1: Strike=245 Dip=40 Slip= 168						sP		30	36.00			
	0.8s	26.60nm				5.6mb		NP2: 344 83 51						S		34	00.00			
MAF	87.97	333	eP	15	32.20	0.6	OFUJ	0.61	287	iPd	26	18.10	-0.4		eSS		34	26.00		
	1.1s	25.90nm				5.4mb	YAMJ	2.01	249	iP+	26	39.00	0.6	TIA	20.22	270	Pd	30	38.70	-1.9
TCF	88.04	334	eP	15	32.20	0.3			S	27	06.50			1.4s	490.00nm			5.7mb		
	1.0s	16.00nm				5.3mb	AOMJ	2.29	317	P	26	43.80	1.5	Z	14s	21.70um			5.7MsZ	
LNO	88.25	44	eP	15	39.30	6.4X			S	27	15.50		N	14s	13.30um					
TUL	88.25	44	eP	15	39.60	6.5X	NIJ	3.17	239	P	26	55.50	0.7	E	14s	5.48um				
	1.6s	80.40nm				5.8mb	KAKJ	3.23	214	P	26	54.30	-1.4		sP		30	49.00		
Z	20s	0.32um				4.7MsZ	HOOJ	3.54	10	eP	26	58.60	-1.5		S		34	12.50		
LSF	88.31	334	eP	15	33.40	0.2			eS	27	38.30		BJI	20.27	282	eP	30	37.00	-4.1X	
MFF	88.56	335	eP	15	34.90	0.5	MRRJ	3.67	344	P	27	02.50	0.6		1.8s	250.00nm			5.3mb	
	1.2s	56.25nm				5.8mb			eS	27	47.00		Z	15s	17.80um			5.5MsZ		
LMR	88.96	329	eP	15	35.60	-0.7	CHJJ	3.94	225	P	27	06.00	0.1	E	13s	14.40um				
RJF	89.13	334	eP	15	37.60	0.5	MAT	4.09	236	P	27	08.00	0.0		eS		34	18.00		
	1.0s	16.80nm				5.3mb			S	28	00.00		NJ2	20.34	258	Pd	30	39.00	-2.8	
CAF	89.27	333	eP	15	38.60	0.8	SAP	4.23	349	eP	27	10.00	0.1		0.8s	110.00nm			5.3mb	
LFF	89.72	334	eP	15	40.60	0.7			eS	28	01.00		E	13s	8.75um					
	0.9s	22.75nm				5.5mb	MTMJ	4.33	239	P	27	13.40	2.0		sP		30	53.00		
LPO	89.79	333	eP	15	40.70	0.5	KUSJ	4.54	22	iP+	27	10.50	-3.7X	MGD	21.87	11	ePc	30	56.00	-1.1
UYO	90.28	44	iPc	15	45.90	3.2X			S	28	00.70			1.3s	150.00nm			5.3mb		
CBM	90.35	20	P	15	50.00	7.2X	IIDJ	4.96	228	P	27	22.40	2.1	Z	17s	6.70um			5.1MsZ	
	1.6s	80.40nm				5.8mb	ASAJ	5.21	2	P	27	22.40	-1.4	N	17s	3.60um				
Z	21s	0.83um				5.1MsZ	KUR	7.51	31	eP	27	51.00	-5.0X	E	15s	2.00um				
MIAR	90.47	43	P	15	43.50	0.0			0.6s	230.00nm					e		31	11.00		
	1.2s	48.24nm				5.7mb			Z	16s	19.60um				e		31	18.00		
Z	22s	0.49um				4.9MsZ			N	16s	29.50um				e		31	32.00		
RSNY	90.55	25	(P)	15	43.41	-0.4			E	16s	23.60um				eS		35	00.00		
	0.8s	21.56nm				5.5mb				iS		29	12.10		eSS		35	42.00		
Z	21s	0.44um				4.9MsZ	YONJ	8.06	245	P	28	05.60	1.8	TIY	23.52	277	eP	31	11.00	-2.6
EPF	91.53	333	eP	15	48.30	-0.1	YSS	8.11	1	ePd-	28	01.50	-2.9		Z	18s	29.80um			5.8MsZ
LMN	92.22	19	eP	16	00.00	8.6X			0.9s	30.00nm				E	21s	53.80um				
MCWV	92.82	31	P	16	00.00	5.7X			Z	15s	16.10um				sP		31	26.00		
	1.5s	1.53um				5.4MsZ			N	15s	11.50um				S		35	26.00		
CEH	96.34	33	P	16	20.00	9.5X			E	15s	9.20um			HHC	23.70	285	eP	31	13.30	-2.1
	1.9s	0.29um				4.8MsZ				eS		29	32.50		0.8s	23.00nm			4.7mb	
BCAO	112.69	296	ePKPd	21	29.00	9.9X	TKSJ	8.34	237	P	28	07.50	-0.1	Z	18s	24.90um			5.7MsZ	
	0.9s	5.00nm					SHK	8.95	244	ePc	28	08.50	-7.6X	N	13s	4.15um				
							VLA	9.00	301	iPc	28	18.00	1.3	E	14s	14.30um				
									1.8s	685.00nm					S		35	20.00		
BFT	122.49	262	ePKP	21	49.00	11.3X			Z	11s	9.20um						31	16.00	-1.2	
SLR	123.87	263	iPKPd	21	40.00	-0.4			N	12s	10.10um							5.6MsZ		
TIC	125.57	319	PKP	21	43.60	-0.2			E	12s	14.00um									
KIC	125.67	318	PKP	21	43.70	-0.3			</											

Z	16s		16.30um		5.6MszX				eS	37 44.00	KDC	45.24	43 eP	34 20.51	-0.7
N	15s		30.00um			GTA	32.82	285 eP	32 38.00	-0.2		0.8s	32.66nm		5.3mb
WHN	24.46	259 Pc		31 23.00	0.3		1.0s	56.00nm		5.4mb	KHT	45.32	250 eP	34 11.00	-11.3X
	1.0s		110.00nm		5.4mb	Z	15s	24.10um		6.0MszX	NNT	45.94	247 iPc	34 28.40	1.2
Z	16s		18.40um		5.7MszX	E	16s	9.72um			SLKM	46.20	39 eP	34 28.67	-0.1
N	13s		5.45um					pP	32 48.00	35kmX	PWA	46.30	38 eP	34 31.40	1.9
E	14s		15.60um					S	37 56.00		PMS	46.47	38 eP	34 30.50	-0.5
		pP		31 33.00	37kmX			sS	38 10.00		PMR	46.66	38 eP	34 30.44	-1.9
BTO	24.90	284 P		31 25.50	-1.5	TIK	33.53	352 eP	32 42.00	-1.8		1.0s	101.97nm		5.7mb
	1.0s		33.00nm		4.9mb	Z	20s	5.00um		5.2Msz	FBA	47.10	33 eP	34 35.57	-0.3
N	13s		4.66um					i	34 00.00			1.0s	55.29nm		5.5mb
E	15s		23.30um			OIZ	34.44	244 Pc	32 52.00	-0.3	TOA	48.01	37 eP	34 43.80	0.7
		sP		31 35.00		N	16s	6.01um			KLU	48.20	38 eP	34 44.06	-0.5
		PP		32 05.00		E	15s	7.11um			PMG	48.26	174 eP	34 47.00	1.7
		S		35 47.00				sP	33 04.00		AAA	48.41	297 (P)	34 47.00	0.6
		SS		36 49.00		DAV	35.13	210 eP	32 57.40	-0.8		Z	16s	5.30um	5.6MszX
BBP	25.41	230 ePc		31 32.00	0.2	UER	35.67	307 iPc	33 01.80	-0.6		N	16s	5.00um	
SMY	25.80	47 (P)		31 34.85	-0.3		1.7s	120.00nm		5.5mb		E	16s	3.20um	
	1.0s		554.14nm		6.1mb			e	34 23.00		MKS	48.77	211 iPd	34 50.00	0.7
Z	21s		5.97um		5.1Msz			e	34 45.00		SNG	49.10	241 eP	34 51.20	-0.7
BOD	26.35	325 iPc		31 39.60	-0.6			eS	38 40.00		BALM	49.97	38 eP	34 57.61	-0.7
	0.6s		29.00nm		5.0mb	KMI	36.06	260 Pc	33 05.00	-1.3	BRVK	49.98	311 iPc	34 57.50	-0.7
XAN	27.28	270 iPd		31 48.40	-0.6		1.5s	610.00nm		6.3mb		1.0s	119.00nm		5.9mb
	0.5s		68.00nm		5.5mb	Z	18s	14.70um		5.8Msz	FRU	50.17	298 eP	35 00.00	0.1
Z	16s		11.30um		5.5MszX	N	14s	3.60um				3.0s	520.00nm		6.0mb
N	14s		4.17um			E	15s	7.70um				Z	18s	5.50um	5.6Msz
E	12s		9.28um					pP	33 15.00	34kmX		N	20s	3.00um	
		pP		31 56.00	27kmX			sP	33 20.50			E	18s	4.00um	
		sP		32 02.00				S	38 40.00				e		35 10.40
CVP	27.72	226 ePc		31 52.40	-0.5	KKM	40.39	223 eP	33 44.00	1.7			e		42 12.00
PIP	27.92	229 iPd		31 56.00	1.3	ELT	40.44	310 iPc	33 42.50	0.3	KSH	50.41	293 P	35 02.50	0.6
HKC	29.25	244 eP		32 05.00	-1.7		2.0s	329.00nm		5.7mb		0.5s	30.00nm		5.6mb
		S		37 07.00		Z	12s	3.50um		5.4MszX		Z	14s	9.05um	5.9MszX
GZH	29.33	246 P		32 07.60	0.1			eS	39 44.00			N	14s	6.57um	
	0.8s		53.00nm		5.3mb	WMO	40.74	295 iPc	33 46.00	1.1		E	13s	6.61um	
Z	13s		16.10um		5.8MszX		1.2s	180.00nm		5.7mb			pP		35 12.00 32kmX
N	14s		6.26um			Z	16s	5.96um		5.5MszX	IPM	50.72	238 ePc	35 04.90	0.6
E	15s		5.59um			N	12s	9.85um				0.6s	43.00nm		5.6mb
		S		37 00.00				pP	33 50.00	13kmX	KGM	51.17	234 ePc	35 08.40	0.7
BAG	29.45	227 ePc		32 06.80	-2.1			sP	33 53.60		MTN	52.55	194 iPd	35 17.30	-0.7
IRK	29.46	310 ePc		32 07.50	-0.9			PP	35 21.00			0.4s	63.00nm		6.0mb
	1.5s		80.00nm		5.2mb			PcP	35 44.20		KHK I	53.22	214 ePd	35 21.70	-1.3
Z	16s		13.17um		5.7MszX			S	39 55.00				e		37 23.00
E	16s		19.00um					SS	42 49.00		NDI	54.12	280 iPc	35 28.80	-0.8
		e		32 19.00				ScS	43 44.00			0.6s	36.67nm		5.6mb
		ePPP		33 21.50		SWI	40.88	197 ePc	33 36.50	-9.7X			eS		43 04.00
		eS		37 00.00			1.5s	1.50nm		3.5mb X	SYE	54.29	318 iPc	35 29.00	-1.5
		e		37 21.00		SDN	40.93	47 P	34 00.00	13.9X		2.2s	440.00nm		6.1mb
ZAK	29.78	306 iPc		32 11.00	-0.2		Z	19s	1.56um	4.9Msz		Z	17s	17.50um	6.2MszX
	1.4s		103.00nm		5.4mb	LOE	41.34	250 eP	33 51.00	1.0		N	15s	1.20um	
Z	15s		22.10um		5.9MszX	NRI	41.75	334 iPc	33 50.60	-2.2		E	15s	4.00um	
N	13s		7.15um				2.3s	256.00nm		5.5mb	SIT	54.46	42 P	36 31.00	
E	16s		27.62um			Z	20s	22.00um		6.0Msz		Z	19s	2.41um	5.3Msz
		e		33 10.00		E	20s	23.00um			CTA	58.79	176 P	36 03.90	1.0
		eS		37 04.00				e	34 10.00		WB2	59.02	189 iPc	36 02.80	-1.7
LZH	30.59	277 eP		32 17.20	-1.5			e	35 29.00			0.6s	121.70nm		6.2mb
	1.5s		62.00nm		5.2mb			ePPP	35 50.00		WRA	59.02	189 P	36 02.80	-1.7
Z	20s		15.10um		5.6Msz			eSSS	43 12.00			0.7s	36.50nm		5.6mb
E	12s		10.80um			CHG	42.54	255 iPc	34 00.10	0.2	HYB	59.06	268 ePc	36 04.30	-0.7
		sP		32 33.00			0.7s	29.11nm		5.1mb		0.7s	46.40nm		5.7mb
		PP		33 17.50		LSA	42.86	274 Pc	34 03.80	0.9	RES	60.60	15 eP	36 15.00	0.2
		eS		37 15.00			1.4s	16.00nm		4.6mb		1.0s	19.00nm		5.2mb
		sS		37 29.00			Z	16s	12.60um	5.9MszX	APA	61.35	336 eP	36 20.40	0.4
OCP	30.62	224 eP		32 07.00	-12.0X		N	14s	7.52um		KEV	61.98	339 eP	36 34.00	9.8X
QVP	30.68	224 eP		32 19.50	0.1		E	15s	3.11um		POO	62.09	272 iPc	36 24.00	-1.7
ADK	31.09	52 (P)		32 21.22	-1.5			pP	34 15.00	40kmX			iS		42 24.00
	0.9s		66.15nm		5.4mb			S	40 26.00		GBA	62.16	265 P	36 25.50	-0.6
TGY	31.14	223 ePc		32 27.00	3.5X			sS	40 42.00		BOM	62.69	273 iPc	36 28.00	-1.6
MOY	31.39	308 ePc		32 24.90	-0.5			ScS	44 00.00				eS		42 06.00
	1.0s		210.00nm		5.9mb	TTA	43.44	36 eP	34 05.36	-1.4	ASPA	62.75	189 P	36 28.89	-0.8
		eS		37 38.00			1.3s	53.99nm		5.1mb	MBL	63.38	264 iPc	36 14.40	-19.5X
PGP	31.63	223 eP		32 30.00	2.2	BDT	43.46	253 iPc	34 07.00	-0.3		0.4s	20.00nm		
PLP	31.70	214 ePc		32 27.50	-0.9		1.2s	52.70nm		5.2mb	ASH	63.47	298 eP	36 33.50	-1.0
GYA	32.35	258 iPc		32 33.00	-1.2	SVW	43.54	38 eP	34 07.69	0.1	GTK1	63.49	339 eP	36 33.65	-0.6
	1.0s		140.00nm		5.8mb		0.8s	118.14nm		5.7mb	MAIO	63.50	296 eP	36 34.00	-0.8
Z	20s		12.60um		5.6Msz	BRW	44.38	24 eP	34 14.45	0.3	SDF	63.60	337 iPc	36 34.50	-0.4
N	13s		8.05um			SEM	44.46	306 iPc+	34 14.40	-0.7		64.26	301 eP	36 47.00	7.4X
E	13s		4.88um				2.0s	293.00nm		5.8mb		Z	14s	2.40um	5.5MszX
		pP		32 44.00	41kmX	Z	16s	14.00um		6.0MszX		N	14s	2.00um	
		sP		32 48.00		E	15s	15.00um				E	14s	4.00um	
		S		37 42.00				eS	40 44.40				e		39 07.00
		SS		39 36.00		IMA	44.68	31 ePc	34 16.67	-0.2			eS		45 09.00
CD2	32.50	268 iPd		32 34.70	-0.8		1.2s	63.65nm		5.3mb			e		46 25.00
	0.8s		42.00nm		5.4mb	BGL	45.11	38 eP	34 20.34	0.1	DZM	64.69	155 iPc	36 44.40	1.8
Z	15s		11.80um		5.7MszX	CP2	45.18	38 eP	34 21.24	0.3	MCW	64.82	47 P	36 45.70	2.5X
						CRP	45.22	38 ePc	34 21.30	0.1					

31d 07h

ONR	65.20	49	P	37	00.66	15.1X	N	18s	1.50um	GLD	80.24	46	(P)	38	14.58	0.0				
RMO	65.32	174	eP	36	44.20	-2.2	E	15s	2.00um		1.6s	106.73nm				5.6mb				
	0.8s	64.00nm			5.7mb					Z	19s	2.05um				5.5MsZ				
GMW	65.43	48	eP	36	46.82	-0.3	LCCM	72.57	45	eP	37	31.00	-0.4	PRU	80.30	329	Pc	38	14.80	0.4
JCW	65.58	47	P	36	47.70	-0.4	MOL	72.58	340	eP	37	31.81	0.9		2.0s	153.20nm			5.6mb	
BMW	65.73	49	(P)	36	50.19	1.1	HFS	72.71	336	eP	37	30.90	-0.8		2.0s	4.40um			5.9MsZ	
KMOR	66.01	50	P	36	48.24	-2.7		0.6s	11.70nm					Z	18s	1.80um				
MOS	66.23	323	eP	36	52.00	0.0		Z	19s	3223.00um				E	16s	3.30um				
	2.5s	840.00nm			6.4mb		ANN	72.83	314	eP	07	03.00								
Z	17s	9.90um			6.1MsZ			Z	16s	3.00um	37	33.00	0.3							
N	16s	7.80um						N	16s	3.50um				SRO	80.38	326	eP	38	16.20	1.4
E	16s	4.50um						E	16s	4.00um				ZST	80.62	326	eP	38	16.20	0.1
	eS		45	53.00			KVN	73.00	53	eP	37	34.21	0.2							
FMW	66.40	48	P	36	53.09	-0.4	NAO	73.06	337	P	37	32.80	-0.9							
WARB	66.41	195	eP	36	52.90	-0.5		0.7s	9.80nm					BHL	80.79	306	P	38	16.00	-1.4
LON	66.41	48	eP	36	52.52	-0.9	BAL	73.18	203	eP	37	33.50	-1.3							
SHW	66.46	49	eP	36	52.68	-1.2	BONR	73.52	54	eP	37	36.83	-0.4	VKA	80.90	327	iPc	38	27.30	9.7X
MTMW	66.56	49	P	37	04.72	10.2X	ADE	73.58	183	eP	37	37.20	0.2		2.5s	429.00nm			6.0mb	
GLK	66.63	48	P	36	54.34	-0.6	TNP	74.13	54	eP	37	40.48	-0.2		Z	14s	2.60um		5.7MsZ	
ASR	66.86	49	P	36	56.10	-0.3	HVU	74.57	49	eP	37	43.15	0.1							
WTV	66.97	47	P	36	55.91	-1.1	AKU	74.65	352	iP	37	45.10	2.3	WIT	80.92	335	eP	38	20.00	2.4
PUL	66.99	329	eP	37	05.00	8.2X		0.9s	33.61nm											
	Z	18s	5.00um		5.8MsZ									MOX	80.93	331	eP	38	17.00	0.1
N	20s	2.00um					ISA	74.78	56	P	37	50.00	5.7X		2.0s	179.00nm			5.7mb	
E	18s	2.00um						Z	20s	1.26um										
	e		37	20.00			DUG	75.54	50	ePc	37	48.96	0.3	HRI	81.15	306	eP	38	24.70	5.4X
	e		45	47.00				1.5s	69.09nm					KHC	81.37	329	iPc	38	21.10	1.0
	e		46	07.00			BFD	75.70	180	eP	37	50.70	1.6		1.1s	33.50nm			5.2mb	
	e		46	45.00			KIS	75.95	320	iPd-	38	01.00	10.4X		Z	18s	5.00um		5.9MsZ	
KAF	67.02	333	iP	36	56.60	-0.3		2.0s	500.00nm						N	18s	2.00um			
SSOR	67.04	50	P	36	50.06	-7.5X		Z	18s	2.80um					E	18s	4.00um			
OBN	67.07	323	eP	36	57.00	-0.4		E	18s	3.30um										
	2.0s	560.00nm			6.3mb		GSC	76.08	56	P	37	49.95	-1.8							
	Z	16s	10.00um		6.1MsZ		TOO	76.15	177	eP	37	52.00	0.3	GEC2	81.54	329	ePc	38	21.00	-0.1
N	16s	4.20um						0.7s	13.00nm						0.6s	4.25nm			4.7mb	
E	16s	5.40um					DAU	76.32	49	eP	37	53.21	-0.1							
	e		39	28.00										WTS	81.56	334	eP	38	29.50	27kmX
	(S)		45	48.00											0.7s	9.00nm			4.9mb	
	ePS		46	07.00			LVV	76.34	324	iP	38	04.28								
	e		46	45.00				Z	15s	9.00um				WET	81.63	329	eP	38	22.00	0.5
	eSS		50	04.00				E	14s	6.00um					Z	16s	6.00um		6.0MsZ	
VBEM	67.45	50	P	37	01.42	1.2								EKA	81.64	341	P	38	23.00	1.7
VGB	67.68	49	(P)	37	03.13	1.6									1.5s	22.40nm			5.0mb	
WAH2	67.71	47	P	37	01.13	-0.4								GRF	81.85	330	ePc	38	23.40	0.9
MOR7	67.73	340	eP	37	00.51	-0.9	COP	76.62	334	eP	37	58.50	4.4X		1.4s	94.00nm			5.6mb	
CROR	67.85	50	P	37	02.94	0.3		0.7s	98.63nm						Z	18s	2.00um		5.5MsZ	
DPW	67.86	46	eP	37	02.01	-0.6	ARUT	76.67	52	eP	37	55.14	0.1							
NEW	68.24	45	eP	37	03.92	-1.1	EMUT	76.97	49	eP	37	56.95	0.2	TUC	81.85	55	(P)	38	32.40	29kmX
	1.1s	67.13nm			5.6mb										1.0s	14.19nm			4.9mb	
Z	20s	3.44um			5.6MsZ		MSU	76.98	51	ePc	37	57.42	0.5	KMR	81.99	328	iP+	38	24.70	1.4
VIPM	68.33	50	P	37	07.31	1.6	KAS	77.06	313	eP	37	58.00	1.0							
NUR	68.68	332	iP	37	07.20	-0.1	ULM	77.51	34	eP	38	02.50	3.3X	DBN	82.02	335	eP	38	36.00	12.7X
GRO	68.84	309	eP	37	07.50	-1.1	CFR	77.56	319	eP	38	00.00	0.4	JVI	82.28	305	eP	38	30.30	5.2X
							SRU	77.59	50	ePd	37	59.83	-0.3	BNS	82.29	333	ePc	38	33.00	8.2X
LNOR	68.94	48	P	37	11.25	2.0	VRI	77.82	320	ePd	38	02.00	1.0	ELL	82.38	312	eP	38	26.00	0.3
LGPM	68.96	54	(P)	37	09.48	-0.1	OJC	77.93	326	iP	38	02.10	0.6	TNS	82.45	332	ePd	38	21.60	-4.1X
WDC	69.33	54	P	37	20.00	8.3X														
	Z	21s	1.15um		5.1MsZ									BHG	82.77	328	eP	38	28.20	0.8
ARMA	69.50	172	eP	37	13.20	0.4									1.1s	43.00nm			5.4mb	
	1.0s	25.00nm			5.2mb		UZH	77.98	324	eP	38	00.70	-1.1	ALO	82.78	51	ePc	38	28.54	0.6
								Z	15s	8.80um					1.0s	22.05nm			5.2mb	
PYA	70.02	311	eP	37	21.00	5.1X		N	15s	2.50um					Z	22s	1.12um			5.2MsZ
	Z	16s	4.50um		5.8MsZ			E	15s	10.60um				SRS	82.79	318	eP	38	27.64	0.0
CMS	70.10	177	eP	37	16.00	-0.3								ENN	82.89	334	eP	38	28.00	0.1
	1.0s	16.00nm			5.0mb		ISR	78.42	319	eP	38	07.00	2.6		1.0s	40.00nm			5.4mb	
MTA	70.31	308	iPc	37	17.60	0.0	MLR	78.47	320	ePc	38	05.50	0.7	FUR	83.06	329	eP	38	29.30	0.4
	Z	15s	1.60um		5.4MsZ		SPC	78.50	325	eP	38	04.40	-0.5		Z	18s	6.00um			6.0MsZ
N	16s	1.60um																		
E	15s	1.60um												KBA	83.09	328	iPd	38	27.50	-1.7
							GLA	78.76	57	eP	38	04.28	-2.2		1.3s	82.30nm			5.6mb	
STK	70.43	181	iPd	37	17.80	-0.4	BRNL	78.85	331	ePd	38	17.50	11.0X							
	0.9s	6.20nm			4.6mb		BRN	78.92	331	eP	38	18.50	11.6X							
ORV	70.56	55	eP	37	18.37	-0.9	KSP	78.93	329	ePc	38	07.10	0.1							
UPP	71.63	334	iP	37	24.40	-0.8		1.2s	99.00nm					KNT	83.12	319	eP	38	29.50	0.2
MNK	71.94	326	eP	37	24.00	-3.2X								SOH	83.13	318	eP	38	29.04	-0.4
	Z	17s	7.70um		6.0MsZ		CMP	79.08	320	ePd	38	09.00	1.0	OUR	83.16	317	eP	38	19.53	-9.9X
							BRG	79.85	330	eP	38	11.30	-0.6	PLE	83.26	322	iPc	38	30.96	0.8
	eS		46	38.00										SKO	83.27	320	iP	38	31.00	1.0
	e		47	30.00											1.6s	289.00nm			6.1mb	
FCC	71.98	27	eP	37	29.50	2.1	CLL	79.87	330	iPc	38	11.70	-0.3		Z	18s	3.77um			5.8MsZ
								1.3s	33.00nm											
CMB	72.15	55	eP	37	28.45	-0.4	VRAC	79.98	327	iPc	38	13.00	0.3							
	Z	22s	1.99um		5.3MsZ			1.3s	155.10nm											
COOL	72.20	199	eP	37	27.00	-2.0														
SOC	72.24	312	iPd	37	40.00	10.7X	GOL	80.19	46	P	38	20.00	5.6X	IVA	83.36	321	iPc	38	31.52	0.9
	Z	18s	3.50um		5.7MsZ			Z	21s	0.22um				GRG	83.53	319	eP	38	31.16	-0.2

PVY	83.53	321	iPc	38	31.89	0.4			0.9s	25.55nm	5.5mb	HOOJ	3.54	7	eP	35	01.10	0.1						
PAIG	83.61	317	eP	38	31.20	-0.6			BGF	87.55	333	eP	38	52.00	0.8			35	40.20					
WTTA	83.64	329	iPc	38	31.90	-0.2				0.5s	4.00nm		MRRJ	3.77	341	eP	35	05.10	0.9					
	1.7s	139.00nm				5.8mb			MAF	87.94	333	eP	38	53.70	0.6			35	48.10					
		i	38	43.60						1.1s	24.40nm				5.4mb			35	08.80					
SNF	83.67	335	P	38	32.60	0.7			TCF	88.00	334	eP	38	53.80	0.4			35	12.00					
FVI	83.71	328	P	38	32.00	-0.1				0.6s	2.80nm		CHJJ	4.08	228	P	35	03.00	0.2					
WLF	83.74	333	iPc	38	43.99	11.8X			LNO	88.19	44	eP	39	03.30	9.0X			35	12.80					
NKY	83.84	322	iPc	38	33.37	0.3			TUL	88.19	44	eP	39	03.60	9.1X			36	02.90					
SOTA	83.85	329	iPc	38	33.00	0.0				1.4s	32.40nm				5.4mb			35	16.20					
	1.3s	61.20nm				5.6mb			Z	20s	1.10um		MTMJ	4.50	241	P	35	24.90	1.4					
		i	38	44.10					N	18s	0.57um		IASJ	5.11	230	P	35	24.90	1.6					
DMU	83.86	342	eP	38	34.10	1.3			E	18s	0.50um			5.25	359	eP	35	25.60	0.4					
DOU	83.92	334	P	38	33.20	0.1					S		NJ2	20.55	258	Pc	38	42.00	-3.3X					
TRI	83.99	327	e(P)	38	33.70	0.1					LR	08	38.00				40	36.00	-1.5					
		e	54	40.00					LSF	88.27	334	eP	38	54.90	0.2			40	96.25	4.9mb				
BRY	84.00	322	iPc	38	33.37	-0.5				0.5s	11.10nm				5.4mb			41	48.60	0.5				
MBH	84.00	304	eP	38	39.00	4.9X			MFF	88.52	335	eP	38	56.30	0.4				43	22.00	3.6mb X			
TTG	84.01	321	iPc	38	33.59	-0.1				1.1s	29.05nm				5.5mb			42	21.00	3.4X				
LIT	84.11	318	eP	38	34.20	-0.2			RJF	89.10	334	eP	38	59.00	0.3					4.3mb				
FNA	84.18	319	eP	38	43.32	8.6X				1.0s	11.80nm				5.2mb			42	40.00	7.1X				
OGA	84.21	329	eP	38	35.10	0.1			Z	19s	1.98um				5.6Msz					4.9mb				
OHF	84.23	320	iP	38	35.00	0.0			ELF	89.19	30	P	39	00.50	1.4			44	05.10	-0.8				
	0.8s	55.00nm				5.7mb			DLA	89.36	31	P	39	01.40	1.5					5.0mb				
		i	38	46.20					LDN	89.37	30	P	39	01.80	1.9			44	05.80	-0.1				
DLF	84.32	342	eP	38	36.10	1.0			LFF	89.69	334	eP	39	02.00	0.6					4.7mb				
WLS	84.36	332	P	38	35.32	-0.2				0.7s	11.35nm				5.3mb			44	23.00	6.9X				
ULC	84.36	321	iPc	38	35.07	-0.5			LPO	89.75	333	eP	39	02.30	0.6			44	28.40	-				
CDF	84.38	332	P	38	35.66	0.0				0.6s	6.50nm				5.1mb			44	28.00	-0.6				
DCN	84.46	342	eP	38	36.70	0.9			UYO	90.22	44	iPd	39	05.60	1.5			44	55.40	0.3				
SLE	84.46	331	ePd	38	36.40	0.4			CBM	90.29	20	P	39	10.00	5.8X			45	06.60	7.3X				
LIBD	84.48	331	P	38	36.33	0.3			Z	20s	1.61um				5.5Msz					4.6mb				
FEL	84.56	331	P	38	36.25	-0.3			MIAR	90.41	43	eP	39	04.96	0.0			45	15.00	9.4X				
ECH	84.59	332	P	38	36.51	-0.1				0.9s	21.54nm				5.5mb					4.8mb				
OSS	84.71	329	ePd	38	38.00	0.6			Z	21s	0.93um				5.2Msz			45	13.00	3.3X				
ZLA	84.74	331	ePd	38	37.90	0.5			RSNY	90.49	25	eP	39	05.12	-0.1					5.2mb				
AGG	84.98	317	eP	38	38.60	-0.2				1.7s	105.90nm				5.9mb			45	30.50	10.7X				
LLS	85.01	330	iPd	38	39.40	0.4			Z	20s	0.40um				4.9Msz			45	33.80	-0.2				
VITF	85.02	332	P	38	39.48	0.7			EPF	91.50	333	eP	39	09.70	-0.2					4.0mb				
BSF	85.05	332	eP	38	38.80	-0.2				1.2s	9.20nm				5.1mb			45	44.30	8.4X				
HAU	85.07	332	eP	38	38.90	-0.1			LMN	92.16	19	eP	39	16.50	3.7X					4.7mb				
	0.6s	5.75nm				4.9mb		MCWV	92.76	31	P	39	30.00	14.3X			DUG	75.39	50	(P)	46	00.80	11.5X	
Z	21s	2.00um				5.5Msz		Z	19s	1.79um				5.5Msz			DAU	76.18	49	(P)	46	09.89	15.9X	
BBS	85.09	331	P	38	39.06	-0.1			HRV	93.29	24	P	39	30.00	11.9X			PV09	78.67	50	(P)	46	16.85	9.1X
VDL	85.14	329	ePc	38	40.10	0.5			Z	19s	1.38um				5.4Msz			KSP	79.08	329	iPc	46	20.00	10.7X
TMA	85.69	330	iPd	38	42.30	0.0			CEH	96.28	33	(P)	39	33.97	2.1			CLL	80.01	331	iP	46	24.70	10.4X
ACO	85.78	45	e(P)	38	43.30	0.5				0.7s	9.88nm				5.4mb					1.0s	14.00nm			
VAI	85.92	330	Pc	38	42.80	-0.4			Z	21s	1.14um				5.3Msz			PRU	80.45	329	eP	46	27.50	10.8X
RSM	85.97	326	P	38	44.30	0.8			SLR	123.91	263	iPKPd	45	01.80	-0.3				e	46	36.50			
MMK	86.09	330	ePd	38	44.90	0.5				0.8s	18.66nm				5.9Msz			KHC	81.52	329	P	46	33.50	11.1X
SFI	86.24	327	P	38	46.20	1.4			Z	20s	2.84um							1.0s	3.50nm					
DIX	86.28	330	ePc	38	45.50	0.1			KIC	125.65	318	PKP	45	04.00	-1.6			GEC2	81.69	329	eP	46	33.70	10.3X
CRE	86.43	326	P	38	47.10	1.1			LIC	125.91	319	PKP	45	04.70	-1.4				0.9s	1.97nm				
ORO	86.44	330	P	38	45.50	-0.5			Z	20s	0.55um				5.2Msz			ALQ	82.64	51	eP	46	43.50	14.8X
EMS	86.47	331	ePd	38	46.50	0.3			BLF	127.19	260	ePKP	45	05.20	-3.1X				1.0s	3.13nm				
BOB	86.56	329	P	38	47.50	1.0			FRS	128.16	260	ePKP	45	08.70	-1.2			LOR	86.72	333	eP	46	59.50	10.8X
ASS	86.57	326	P	38	47.60	1.0			NVL	139.32	203	ePKP	45	20.00	-9.7X				0.9s	7.20nm				
LOR	86.58	333	eP	38	46.50	0.0			ZOBO	145.05	58	PKP	45	41.00	-1.2			LDF	86.89	336	eP	47	00.70	11.2X
	1.1s	38.85nm				5.5mb				1.0s	41.25nm				5.4MszX				0.7s	4.30nm				
Z	21s	2.50um				5.6Msz		Z	24s	0.76um								LBF	86.92	333	eP	47	00.40	10.7X
FLN	86.73	336	eP	38	47.30	0.1					LR	35	08.00					0.9s	4.40nm					
	0.7s	11.35nm				5.2mb		LPB	145.25	59	PKP	45	43.30	1.1			SSF	87.02	333	eP	47	01.10	10.9X	
Z	21s	3.40um				5.7Msz				i	45	55.00						0.9s	8.50nm					
LDF	86.76	336	eP	38	47.40	0.0			SIV	149.26	49	PKPc	45	53.20	5.0X			LPL	87.16	331	eP	47	02.00	10.9X
	0.6s	12.45nm				5.3mb				i	45	57.30						0.8s	3.65nm					
LBF	86.78	333	eP	38	47.40	-0.2			AIA	149.41	158	e(PKP)	45	52.00	5.1X			LPG	87.16	331	eP	47	02.10	10.8X
	0.8s	12.65nm				5.2mb		MDZ	154.04	86	ePKP	46	05.80	11.0X				0.8s	4.15nm					
SSF	86.88	333	eP	38	48.00	0.0			BAO	155.08	24	e(PKP)	46	05.00	8.4X			SMF	87.26	333	eP	47	02.40	11.1X
	0.8s	17.60nm				5.3mb		BDF	155.14	24	e(PKP)	46	05.00	8.3X			GRR	87.30	337	eP	47	02.60	11.1X	
LPL	87.01	331	eP	38	49.00	0.1				S.D. = 1.0	on 293 of 349 obs.						AVF	87.31	333	eP	47	02.60	11.1X	
	0.7s	9.50nm				5.1mb												0.9s	11.80nm					
LPG	87.02	331	eP	38	49.20	0.2				DEC	31, 1992	07h 34m	07.02±0.69s				LPF	87.67	337	eP	47	04.60	11.4X	
	0.9s	15.40nm				5.2mb				38.862 N ± 5.5km	142.710 E ± 9.3km						MAF	88.07	334	eP	47	06.90	11.6X	
EEO	87.10	27	eP	38	51.50	2.5				DEPTH =	33.0km (normal)						MFF	88.65	335	eP	47	09.60	11.6X	
		pP	39	03.00	37kmX					4.8mb (10 obs.)							ZOBO	144.88	59	PKP	53	53.10	9.7X	
SMF	87.12	333	eP	38	49.20	0.0				NEAR EAST COAST OF HONSHU, JAPAN(228)							LPB	145.07	59	PKP	53	47.00	3.5X	
	1.2s	32.45nm				5.4mb				Felt (II JMA) in the Miyako-								S.D. = 0.9	on 19 of 52 obs.					
SDI	87.14	324	P	38	49.20	-0.2				Ofunato-Morioka area.								&	DEC	31, 1992	07h 45m	31.73s		
AVF	87.17	333	eP	38	49.60	0.2													34.198 N		116.428 W			
	1.0s	42.40nm																						

31d 07h

SSK 1.05 271 eP 45 51.19 -1.0
 eS 46 06.07
 GSC 1.14 344 eP 45 52.97 -0.8
 eS 46 09.95
 GLA 1.76 130 ePn 46 00.80 -2.4
 ISA 2.23 312 ePn 46 08.78 -1.2
 eS 46 38.64
 TNP 3.93 351 ePg 46 44.91 10.6
 ARUT 4.32 33 (Pn) 46 38.41 -1.5
 8 obs. associated

& DEC 31, 1992 07h 49m 10.60s
 34.267 N 116.450 W
 DEPTH = 0.9km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
 Felt.

PEC 0.70 238 iPd 49 23.93 -0.6
 PLM 0.97 201 iPd 49 28.96 -1.1
 SSK 1.03 267 ePc 49 29.93 -1.1
 eS 49 44.55
 GSC 1.07 344 eP 49 30.78 -0.9
 eS 49 46.86
 GLA 1.82 131 ePn 49 39.94 -3.4
 ISA 2.17 311 ePn 49 47.40 -1.0
 MTUM 3.53 331 ePg 50 16.54 8.7
 MEMM 3.95 330 ePn 50 12.75 -0.9
 BONR 3.97 338 ePn 50 14.44 0.1
 ePg 50 26.81
 ARN 5.15 308 eP 50 29.75 -1.0
 10 obs. associated

DEC 31, 1992 09h 05m 29.09±0.65s
 41.001 N ±11.6km 22.051 E ±4.4km
 DEPTH = 5.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.3 (SKO).

GRG 0.27 99 ePg 05 34.58 0.0
 eSg 05 39.10
 VAY 0.51 51 iPg 05 39.50 0.3
 iSg 05 47.00
 FNA 0.56 247 ePg 05 40.74 0.5
 eSg 05 47.82
 KNT 0.66 76 ePg 05 42.14 -0.2
 eSg 05 51.58
 OHR 0.95 277 ePg 05 47.20 -0.6
 eSg 06 01.20
 SOH 1.00 100 ePg 05 48.02 -0.6
 eSg 06 02.34
 SRS 1.17 84 ePg 05 51.90 0.5
 S.D. = 0.6 on 7 of 7 obs.

DEC 31, 1992 09h 27m 23.80±0.55s
 48.335 N ±5.5km 8.932 E ±4.8km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.8 (LDG), 2.4 (GRF).

SLE 0.64 208 iPd 27 37.10 0.4
 FEL 0.77 234 ePn 27 38.94 0.1
 ZLA 0.93 203 iP 27 42.70 1.1
 LANF 0.99 311 Pg 27 42.45 -0.1
 Sg 27 55.24
 WLS 1.06 275 Pg 27 43.63 -0.1
 CDF 1.11 275 Pg 27 44.31 -0.3
 Sg 27 59.71
 KTD 1.13 331 ePn 27 45.99 0.9
 ECH 1.19 265 Pg 27 46.16 0.1
 Sg 28 02.86
 BSF 1.52 251 Pn 27 48.90 -2.2
 Pg 27 53.00
 Sg 28 13.20
 FUR 1.58 95 iPg 27 52.30 0.4
 HAU 1.76 260 Pg 27 57.50 2.9X
 Sg 28 22.10
 ABH 1.80 330 ePn 27 56.00 0.9
 GRF 2.03 47 ePn 27 57.00 -0.6
 iPg 27 59.70
 eSg 28 23.10
 KHC 3.18 74 eP 28 20.50 5.7X
 e 28 46.00
 Sg 29 00.90
 GEC2 3.21 79 Pn 28 14.60 -0.7
 Sg 29 02.50
 LOR 3.58 255 Pg 28 31.50 11.0X

LBF 3.61 250 Pg 29 17.10 11.0X
 Sg 29 18.80
 SMF 3.84 246 Pg 28 36.40 12.1X
 Sg 29 24.50
 SSF 3.88 253 Pg 28 37.20 12.5X
 BGF 4.50 249 Pg 28 48.40 14.9X
 Sg 29 47.00

S.D. = 1.0 on 13 of 20 obs.
 ? DEC 31, 1992 09h 52m 28.27±2.48s
 40.624 N ±21.0km 22.989 E ±8.5km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.02 295 ePg 52 30.00 -0.2
 eSg 52 30.84
 SOH 0.34 54 ePg 52 35.36 0.0
 eSg 52 40.36
 KNT 0.54 353 ePg 52 39.16 -0.1
 eSg 52 47.04
 GRG 0.56 307 ePg 52 39.68 0.1
 eSg 52 47.72

S.D. = 0.2 on 4 of 4 obs.
 DEC 31, 1992 10h 30m 32.25±0.40s
 33.617 N ±6.5km 100.548 E ±5.9km
 DEPTH = 33.0km (normal)
 4.6mb (14 obs.)

QINGHAI, CHINA (325)
 ML 4.7 (BJI).

LZH 3.66 47 iPd 31 28.00 -0.1
 Pg 31 35.50
 CD2 3.83 134 Pn 31 33.90 3.5X
 Pg 31 40.60
 Sg 32 35.60
 GTA 5.81 354 Pn 31 59.00 0.5
 Z 10s 2.88um
 Sg 33 32.00
 XAN 6.98 84 Pn 32 11.20 -3.7X
 Z 10s 1.92um
 Pg 32 36.60
 Sg 33 32.10
 KMI 8.68 167 Pc 32 41.00 2.3
 2.0s 150.00nm
 pP 32 49.50
 Sg 32 55.00
 GYA 8.88 142 P 32 42.00 0.6
 1.0s 29.00nm
 Z 12s 1.82um
 S 34 23.00
 LSA 8.91 247 P 32 46.00 3.9X
 BTO 10.28 45 eP 32 56.00 -4.6X
 N 12s 1.62um
 E 12s 1.45um
 eS 34 44.00
 TIY 10.50 64 eP 32 55.90 -7.7X
 Z 12s 1.08um
 HHC 11.36 47 eP 33 10.40 -5.0X
 E 10s 0.92um
 S 35 15.20
 WHN 12.10 101 eP 33 22.00 -3.2X
 Z 10s 1.27um
 N 13s 1.82um
 E 13s 0.56um

GUN 13.83 250 P 33 48.80 0.2
 TIA 13.85 75 eP 33 47.20 -1.2
 WMQ 14.28 319 P 33 51.30 -2.8X
 0.8s 20.00nm
 Z 11s 1.21um
 pP 33 56.50
 PP 34 02.00
 PKI 14.36 249 P 33 54.60 -0.8
 0.6s 23.00nm
 4.9mb
 DMN 14.58 250 P 33 57.80 -0.4
 GKN 14.77 252 P 33 59.20 -1.4
 CHG 14.81 186 eP 34 08.40 7.3X
 SNY 19.94 59 Pc 35 02.50 -1.6
 KSH 20.55 294 P 35 13.50 2.8X
 0.6s 20.00nm
 Z 12s 1.11um
 E 10s 1.15um

NNT 20.94 182 eP 35 12.50 -2.2
 CN2 21.86 55 Pd 35 23.00 -0.7

0.8s 37.00nm 4.9mb
 Z 10s 0.38um 4.1mszX
 MDJ 24.94 55 eP 35 55.00 1.2
 HYB 25.49 236 eP 36 06.00 6.8X
 HFS 60.00 325 eP 40 36.80 -0.8
 0.4s 0.90nm 4.2mb
 NAO 61.16 326 P 40 44.40 -1.1
 0.8s 2.10nm 4.3mb

WRA 62.25 144 P 40 53.80 0.5
 0.5s 0.40nm 3.8mb
 WB2 62.26 144 iPc 40 53.20 -0.1
 0.5s 6.00nm 5.0mb
 GEC2 63.64 313 eP 41 03.10 0.8
 1.1s 2.16nm 4.2mb

LPG 69.34 311 eP 41 07.60 4.1mb
 e 41 16.20
 LPL 69.34 311 eP 41 40.10 1.3
 0.9s 8.20nm 4.8mb
 SMF 69.34 311 eP 41 40.00 1.2
 0.8s 4.15nm 4.6mb
 SMF 70.59 313 eP 41 46.50 0.4
 0.8s 4.05nm 4.5mb
 AVF 70.82 314 eP 41 48.10 0.6
 0.9s 4.90nm 4.6mb
 TCF 71.75 314 eP 41 54.20 1.1
 1.0s 6.00nm 4.6mb
 S.D. = 1.2 on 23 of 34 obs.

? DEC 31, 1992 10h 32m 21.84±3.15s
 51.512 N ±36.1km 15.982 E ±11.7km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)

BRG 1.43 244 ePg 32 47.70 -0.1
 eSg 33 07.40
 PRU 1.78 212 eP 32 52.50 -0.3
 eSn 33 10.00
 eSg 33 15.50
 OJC 2.74 117 eP 33 06.70 0.0
 eS 33 43.70
 KHC 2.84 214 eP 33 09.50 1.4
 e 33 19.00
 eSn 33 40.00
 Sg 33 50.50
 GEC2 3.05 210 Pn 33 10.00 -1.0
 Pg 33 15.60
 Sg 33 56.50
 S.D. = 1.3 on 5 of 5 obs.

* DEC 31, 1992 10h 57m 57.59±2.51s
 31.858 S ±14.5km 71.639 W ±17.8km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.0 (SAN).

JACH 1.21 133 iP 58 20.18 0.0
 iS 58 37.46
 ROCH 1.23 155 iPd 58 20.40 -0.2
 iS 58 38.94
 PEL 1.51 148 iPd 58 25.04 0.2
 iS 58 46.16
 LCCH 1.61 178 iP+ 58 25.89 -0.3
 iS 58 47.22
 FCH 1.86 143 iP+ 58 30.16 0.2
 iS 58 56.03
 TACH 1.89 162 eP 58 30.29 0.1
 iS 58 56.71
 PCH 2.00 152 iP+ 58 32.30 0.5
 iS 59 01.25
 LNV 2.10 175 iP 58 33.14 -0.1
 CHCH 2.23 158 iP 58 35.07 -0.1
 iS 59 06.48
 MDZ 2.57 114 eP 58 46.30 6.3X
 eS 59 20.50
 RTCV 2.64 91 e(P) 58 42.00 1.0
 CFA 2.91 86 e(P) 58 45.00 0.2
 MRA 5.06 98 e(P) 59 13.70 -1.6
 S.D. = 0.7 on 12 of 13 obs.

& DEC 31, 1992 11h 07m 02.80s
 37.150 N 121.143 W
 DEPTH = 2.0km
 CENTRAL CALIFORNIA (39)
 <BRK>. ML 2.6 (BRK).
 ARN 0.37 303 iPc 07 10.56 0.4
 COE 0.44 284 iPc 07 11.89 0.4

MHC	0.44	296	iPc	07 11.94	0.3	WTTA	3.17	357	iPnc	20 06.50	2.1	ADK	1.24	67	iPc	45 00.50	1.3	
			eS	07 18.75					iPg	20 16.10		SMY	4.73	289	eS	45 47.44	-1.6	
SAO	0.45	212	iPd	07 12.30	0.4				iSn	20 45.70					eS	46 55.39		
			eS	07 19.27					iSg	21 02.90		SDN	11.45	63	(P)	47 21.95	-0.3	
LLA	0.56	163	iPd	07 13.82	-0.1	ENR	3.19	274	P	20 04.58	0.0	SVW	15.91	44	eP	48 25.90	4.9X	
			eS	07 24.55		SBF	3.19	267	Pn	20 04.70	0.1	TTA	16.67	38	eP	48 35.50	4.8X	
GCC	0.69	260	iPc	07 16.62	0.0				Sn	20 41.50		BGL	17.39	45	eP	48 39.22	-0.5	
PRS	0.84	193	iPd	07 18.95	-0.6	STV	3.26	274	P	20 05.95	0.4	SLKM	18.13	49	eP	48 48.97	0.2	
			eS	07 31.70		DOI	3.33	279	P	20 07.10	0.5	PMS	18.67	47	eP	48 57.80	2.5X	
PCC	1.05	290	iPc	07 22.61	-0.7				eSn	20 46.20		IMA	19.33	31	eP	49 02.55	-0.7	
CMB	1.07	34	ePd	07 22.62	-1.1	BHB	3.36	284	P	20 07.28	0.2		1.0s		7.36nm		3.9mb	
			eS	07 38.25		MMK	3.37	307	ePc	20 07.50	0.1	TOA	20.47	46	eP	49 17.20	1.8	
PRI	1.08	159	iPd	07 24.32	0.4	ZAG	3.40	58	e(Pn)	20 06.50	-1.1	FBA	20.81	38	eP	49 17.45	-1.3	
BKS	1.13	310	eP	07 24.41	-0.3				iSn	20 47.50			0.6s		3.02nm		3.9mb	
HMR	1.13	333	(P)	07 24.81	0.1				iSg	21 02.20		BALM	22.01	50	(P)	49 31.80	0.7	
FRI	1.16	97	iPc	07 23.88	-1.3	LLS	3.42	325	iPd	20 09.50	1.5	BRW	22.25	18	eP	49 34.10	1.0	
			eS	07 39.02		PTJ	3.43	57	iPn	20 07.50	-0.5	NEW	38.71	70	eP	51 59.50	-1.0	
NTYM	1.73	316	eP	07 32.53	-1.4				iSn	20 50.10			0.8s		11.25nm		4.7mb	
MMPM	1.75	74	eP	07 34.58	0.0	PZZ	3.43	278	P	20 08.10	0.0	LCCM	43.03	70	eP	52 35.30	-0.9	
MEMM	1.83	73	eP	07 36.43	1.0	RSP	3.44	289	P	20 06.73	-1.5	HVU	44.77	76	eP	52 50.15	-0.2	
MTUM	2.07	84	ePc	07 39.84	0.7	HVAR	3.47	104	iPnd	20 08.00	-0.5	DUG	45.69	77	eP	52 57.32	-0.3	
BCH	2.14	156	(P)	07 38.60	-1.5	LSD	3.61	294	P	20 09.75	-0.9		0.9s		4.86nm		4.4mb	
MRCM	2.16	75	eP	07 41.51	0.9	BHG	3.70	11	ePn	20 13.50	1.8	GSC	46.27	85	(P)	53 02.43	0.2	
BONR	2.40	70	(P)	07 42.84	-1.2	RRL	3.71	285	P	20 12.47	0.3	HHC	47.84	286	eP	53 15.40	0.8	
ORV	2.42	353	eP	07 43.64	-0.4	DIX	3.71	304	iPc	20 13.30	1.1	BTO	48.93	287	eP	53 24.10	1.2	
	21 obs. associated					FRF	3.80	264	Pn	20 12.90	-0.3	TIY	49.27	282	eP	53 26.80	1.3	
									Sn	20 55.50		XAN	53.82	281	P	53 59.00	-0.8	
DEC 31, 1992 11h 19m 15.33± 0.25s						BNI	3.82	286	P	20 16.20	2.7X	LZH	55.54	286	Pc	54 12.40	-0.1	
44.098 N ± 2.6km 11.846 E ± 2.3km						LPG	3.89	293	Pn	20 14.30	-0.4		1.2s		28.00nm		5.2mb	
DEPTH = 30.6 ± 2.2 km						LPL	3.91	293	Pn	20 14.80	-0.1	GTA	55.71	292	eP	54 14.00	0.3	
NORTHERN ITALY (545)						LMR	3.94	261	Pn	20 14.50	-0.7	LSA	67.59	290	P	55 35.60	1.5	
ML 3.9 (LDG), 3.9 (VIE), MD 3.6 (TRI).									Sn	20 57.30		GEC2	79.57	352	ePd	56 42.00	-1.1	
						EMS	4.00	301	iPd	20 18.20	2.0		0.6s		0.64nm		3.8mb	
SFI	0.18	179	Pc	19 21.10	-0.3	LRG	4.02	263	Pn	20 16.30	-0.1				e	56 44.90		
PGD	0.24	202	Pc	19 22.10	-0.2				Sn	20 59.20		BOB	83.95	354	P	57 05.90	0.0	
RSM	0.47	111	Pd	19 21.10	-4.2X	ZLA	4.16	326	ePc	20 19.50	1.2	HYB	84.36	291	eP	57 08.00	-0.3	
			eSg	19 27.20		SLE	4.35	329	ePd	20 21.40	0.4	GBA	88.02	289	P	57 26.00	-0.3	
FIR	0.53	233	iPg	19 27.20	0.9	FEL	4.63	326	ePn	20 24.92	-0.1	KIC	122.20	7	PKP	03 30.00	-1.2	
			iS	19 36.00		GEC2	4.92	14	Pn	20 27.90	-1.2		S.D. = 1.0		on 27 of 30 obs.			
MME	0.83	277	P	19 33.10	2.1X				Pg	20 49.20								
			eSg	19 47.00					Sn	21 23.50		DEC 31, 1992 12h 18m 45.86± 0.52s						
BDI	0.90	268	P	19 32.60	0.7	WET	5.10	8	eP	20 31.10	-0.5	39.267 N ± 4.7km 28.778 E ± 5.1km						
			eSg	19 42.00		BSF	5.13	318	Pn	20 31.80	-0.4	DEPTH = 10.0km (geophysicist)						
ARV	0.99	127	P	19 33.90	0.7				Sn	21 26.70		TURKEY (366)						
			eSg	19 43.00		KHC	5.17	13	iPn	20 31.50	-1.2	MD 3.2 (ISK).						
ASS	1.19	150	P	19 36.10	0.2				e	20 44.60								
SAL	1.78	329	Pc	19 46.10	1.7				e	21 11.00		DST	0.36	341	iPg	18 53.00	-0.2	
BOB	1.84	292	P	19 48.90	3.4X	ECH	5.25	323	P	20 33.43	-0.3				iSg	18 58.00		
CTI	1.95	356	P	19 48.00	0.9	CDF	5.35	325	P	20 34.93	-0.3	KCT	1.03	342	iPn	19 05.70	0.3	
AQU	2.08	146	P	19 51.70	2.8X	HAU	5.47	318	Pn	20 36.40	-0.4	ALT	1.06	101	ePn	19 06.20	0.3	
TRI	2.11	40	e(Pn)	19 48.70	-0.5				Sn	21 36.00		KHL	1.11	148	iPn	19 07.10	0.4	
			e(Pg)	19 54.50		HOFF	5.54	332	P	20 37.87	0.2				eSg	19 22.10		
			i	20 14.60		GRF	5.61	356	ePn	20 36.50	-2.3X	BNT	1.27	329	ePn	19 09.50	0.0	
			i	20 25.10					ePg	21 03.50		EDC	1.29	327	ePn	19 10.00	0.3	
RIY	2.20	55	i(Pnc)	20 29.20					e(Sn)	21 38.20		YLV	1.38	19	iPn	19 10.70	-0.4	
			iSn	19 50.30	-0.1				e(Sg)	22 05.60		IZM	1.47	234	ePn	19 11.40	-1.0	
RMP	2.37	164	P	19 54.00	1.1	VITF	5.79	317	P	20 40.68	-0.7	GPA	1.56	49	ePn	19 13.10	-0.6	
PCP	2.41	282	P	19 53.91	0.4	PRU	6.17	16	ePn	20 45.30	-1.4	GBZT	1.60	18	ePn	19 14.50	0.2	
RDP	2.42	164	P	19 55.00	1.2				ePg	21 16.00					iSg	19 39.00		
			eSn	20 25.50		SMF	6.19	297	Pn	20 46.20	-0.8	CIN	1.75	198	eP	19 21.00	4.6X	
FVI	2.58	14	P	19 56.40	0.5				Sn	21 51.00		EZN	1.98	287	ePn	19 20.50	0.8	
CKI	2.58	279	P	19 56.10	0.2	LBF	6.23	300	Pn	20 46.90	-0.8		S.D. = 0.6		on 11 of 12 obs.			
			eSn	20 28.70					Sn	21 52.90								
PGF	2.59	234	Pn	19 55.60	-0.6	LOR	6.43	302	Pn	20 49.50	-0.9	DEC 31, 1992 12h 19m 31.93± 0.43s						
			Sn	20 23.00					Sn	21 54.10		19.621 N ± 5.7km 64.556 W ± 7.1km						
FIN	2.62	274	P	19 56.48	0.0	AVF	6.55	297	Pn	20 51.30	-0.8	DEPTH = 33.0km (normal)						
SDI	2.79	148	P	19 59.90	1.0	MOX	6.55	359	ePn	20 51.70	-0.4	4.4mb (6 obs.) 3.6Msz (1 obs.)						
VAI	2.81	310	P	20 00.10	1.1				eSg	22 01.20		VIRGIN ISLANDS (91)						
			eSn	20 32.80		SSF	6.56	300	Pn	20 51.10	-1.1							
OGA	2.83	349	ePn	20 00.80	1.2				Sn	22 00.90		LPR	1.80	224	iP	20 00.20	-1.1	
OSS	2.85	336	iPd	20 02.30	2.4X	BRG	6.93	11	ePn	20 55.30	-2.0X	CPD	2.03	220	iP	20 04.00	-0.6	
IMI	2.86	268	P	19 59.62	-0.3				e	22 38.00		SJG	2.13	225	iP	20 05.10	-0.8	
ROB	2.87	275	P	19 59.96	0.0				e	23 07.00		APR	2.36	241	iP	20 09.10	-0.1	
TMA	2.91	315	iPc	20 01.70	1.0	TCF	7.15	291	Pn	20 59.70	-0.8	PORP	2.51	232	iP	20 11.00	-0.4	
VDL	2.92	326	iPc	20 02.80	2.0				Sn	22 15.90		LRS	2.54	239	iP	20 11.00	-0.7	
ORO	3.14	300	P	20 04.20	0.2	CLL	7.26	6	(Pg)	21 48.00	46.1X	MGP	2.89	237	iP	20 16.00	-0.6	
ORX	3.15	301	P	20 04.17	0.1				(Sg)	23 17.00		TOV	11.01	208	eP	22 11.00	0.7	
SQTA	3.15	352	iPnc	20 06.70	2.6X		S.D. = 0.9					SDV	12.19	210	eP	22 28.00	1.6	
			iPg	20 17.30								CEH	20.65	325	eP	24 11.21	-0.2	
			iSn	20 46.50								SIV	35.55	174	P	26 30.00	1.7	
			i	20 58.10								ZOBO	35.86	186	eP	26 33.00	1.5	
KBA	3.16	19	iPnc	20 05.10	0.8	DEC 31, 1992 11h 44m 38.18± 0.62s							Z	22s		0.11um		3.6Msz
			iPg	20 15.30		51.420 N ± 14.8km 178.523 W ± 5.5km									LR	36 32.00		
			iSn	20 43.50		DEPTH = 33.0km (normal)						LPB	36.09	186	P	26 32.00	-1.3	
			iSg	21 00.40		4.2mb (6 obs.)						SRU	43.99	306	(P)	27 38.78	0.6	
						ANDREANOF ISLANDS, ALEUTIAN IS. (7)						DAU	44.83	308	eP	27 46.18	1.0	
												DUG	45.95	307	eP	27 54.59	0.8	

31d 12h

GSC 48.39 300 eP 28 13.79 0.8
 TNP 48.99 304 eP 28 18.54 0.8
 1.0s 2.78nm 4.2mb
 NEW 50.86 317 eP 28 31.12 -0.5
 1.0s 13.66nm 4.9mb
 LIC 59.26 94 P 29 31.90 -1.1
 KIC 59.48 94 P 29 33.60 -1.0
 NAO 65.95 31 P 30 17.40 0.6
 0.9s 4.60nm 4.6mb
 GEC2 67.83 44 eP 30 28.70 -0.4
 0.8s 0.62nm 3.8mb
 FBA 69.56 333 eP 30 37.73 -1.6
 0.9s 3.78nm 4.5mb
 IMA 71.90 335 eP 30 52.98 -0.7
 1.0s 3.95nm 4.4mb
 ARMA 145.63 245 ePKP 39 10.00 0.8
 0.7s 8.00nm
 TOO 148.32 229 ePKP 39 17.70 4.5X
 S.D. = 1.0 on 26 of 27 obs.

DEC 31, 1992 12h 21m 28.01 ± 0.47s
 39.265 N ± 4.2km 28.751 E ± 5.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.6 (ISK).

DST 0.35 344 iPg 21 35.50 0.2
 iSg 21 40.50
 KCT 1.03 343 iPn 21 47.70 0.3
 ALT 1.08 101 ePn 21 47.70 -0.7
 KHL 1.12 147 iPn 21 49.10 0.1
 eSg 22 04.10
 EDC 1.28 328 iPn 21 53.00 1.3
 YLV 1.39 20 iPn 21 53.20 -0.2
 IZM 1.45 234 iPn 21 52.90 -1.4
 GPA 1.58 49 iPn 21 55.60 -0.5
 GBZT 1.61 19 ePn 21 57.00 0.4
 iPg 21 59.40
 iSg 22 22.00
 ISK 1.81 7 iPn 21 59.10 -0.4
 EZN 1.96 287 iPn 22 01.50 -0.1
 BCK 2.31 141 ePn 22 07.00 0.2
 DMK 2.66 344 ePn 22 11.00 -0.7
 ELL 2.67 160 ePn 22 13.50 1.5
 KAS 4.37 60 eP 22 50.50 14.4X
 S.D. = 0.8 on 14 of 15 obs.

* DEC 31, 1992 12h 22m 48.30 ± 1.30s
 51.121 N ± 14.5km 15.882 E ± 6.8km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 MG 2.8 (WAR).

KSP 0.38 137 iPd 22 54.80 -1.3
 iS 23 02.40
 i 23 09.40
 BRG 1.25 259 ePg 23 10.70 -0.8
 iSg 23 32.40
 PRU 1.42 218 ePn 23 15.00 0.9
 0.5s 20.40nm
 Pg 23 16.40
 e 23 18.90
 eSn 23 32.50
 Sg 23 40.90
 e 23 46.50
 CLL 1.82 277 (Pg) 23 20.00 0.1
 eSg 23 48.00
 VRAC 1.87 166 Pn 23 21.00 0.4
 0.3s 6.80nm
 eSg 23 51.60
 KHC 2.48 218 Pn 23 30.00 0.6
 ePg 23 35.00
 e 24 04.00
 eSg 24 14.00
 OJC 2.65 108 eP 23 32.50 0.7
 iS 24 08.00
 GEC2 2.68 213 Pg 23 38.80 6.5X
 Sg 24 17.40
 MOX 2.74 262 ePg 23 41.00 7.8X
 iSg 24 19.70
 GRF 3.31 246 ePg 23 40.60 -0.5
 eSg 24 39.70
 S.D. = 0.9 on 8 of 10 obs.

? DEC 31, 1992 12h 43m 08.55 ± 5.33s
 32.340 S ± 35.3km 71.660 W ± 22.1km
 DEPTH = 10.0km (geophysicist)

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

ROCH 0.83 139 iPd 43 25.01 0.2
 iS 43 38.22
 JACH 0.96 111 iPd 43 26.74 -0.2
 iS 43 41.18
 LCCH 1.13 176 iP+ 43 29.33 -0.5
 iS 43 45.42
 PEL 1.15 135 iP+ 43 30.05 0.0
 iS 43 46.70
 TACH 1.44 155 iP+ 43 34.67 -0.1
 iS 43 55.57
 FCH 1.52 131 iP 43 35.91 -0.1
 iS 43 57.20
 PCH 1.60 143 iP 43 37.30 0.3
 LNV 1.62 173 eP 43 37.50 0.2
 CHCH 1.80 152 iP 43 40.12 0.2
 iS 44 04.64
 S.D. = 0.3 on 9 of 9 obs.

& DEC 31, 1992 12h 51m 55.00s
 36.327 N 120.930 W
 DEPTH = 7.0km
 CENTRAL CALIFORNIA (39)
 <BRK>. ML 2.6 (BRK).

PRI 0.28 131 iPd 52 01.30 0.5
 eS 52 11.44
 LLA 0.29 358 iPd 52 00.93 0.0
 PRS 0.36 271 iPc 52 01.95 -0.3
 SAO 0.60 317 ePc 52 05.85 -1.2
 eS 52 15.96
 COE 1.10 328 ePc 52 15.62 -0.4
 GCC 1.11 310 iPd 52 14.83 -1.2
 eS 52 30.76
 ARN 1.13 335 ePc 52 15.79 -0.7
 MHC 1.16 331 ePc 52 16.39 -0.7
 FRI 1.19 56 iPc 52 15.96 -1.4
 eS 52 31.36
 BCH 1.33 149 eP 52 18.65 -1.3
 CM8 1.76 14 eP 52 25.17 -1.0
 eS 52 48.15
 MPM 1.99 49 (P) 52 27.50 -2.2
 MEMM 2.08 49 eP 52 32.24 1.5
 MTUM 2.16 61 eP 52 31.53 -0.5
 MRCM 2.36 55 eP 52 36.36 1.4
 BONR 2.66 51 (P) 52 40.72 1.5
 GSC 3.51 106 eP 52 49.46 -1.6
 17 obs. associated

* DEC 31, 1992 13h 15m 54.59 ± 0.87s
 8.280 S ± 12.4km 118.956 E ± 9.7km
 DEPTH = 33.0km (normal)
 4.1mb (2 obs.)
 SUMBAWA REGION, INDONESIA (285)

MKS 3.08 10 iPd 16 42.10 0.0
 iS 17 25.00
 KHKI 3.31 268 eP 16 44.70 -0.7
 eS 17 30.00
 e 19 20.50
 TRT 6.29 275 ePc 17 28.00 0.5
 WB2 18.88 129 iPd 20 13.90 -1.0
 0.3s 2.60nm 3.9mb
 i 20 20.90
 ASPA 20.96 139 eP 20 38.50 1.2
 0.8s 8.80nm 4.2mb
 S.D. = 1.3 on 5 of 5 obs.

? DEC 31, 1992 13h 18m 42.36 ± 2.79s
 24.656 S ± 24.0km 178.823 E ± 28.1km
 DEPTH = 651.8 ± 29.0 km
 4.5mb (4 obs.)

SOUTH OF FIJI ISLANDS (171)

DZM 11.66 280 iPc 21 17.00 -0.9
 WCZ 11.89 198 eP 21 21.60 1.6
 HBZ 12.91 182 eP 21 30.30 0.6
 URZ 13.64 186 eP 21 32.60 -4.0X
 NOZ 13.94 183 eP 21 40.30 0.8
 MNG 16.16 189 eP 21 56.60 -3.9X
 KIW 16.49 191 eP 22 01.60 -1.9
 DIW 16.62 193 eP 22 04.80 0.1
 MTW 16.69 189 eP 22 03.20 -2.2
 CAW 16.70 190 eP 22 04.30 -1.2
 MRW 16.88 191 eP 22 05.80 -1.3

TCW 16.94 192 eP 22 07.50 -0.2
 THZ 17.76 195 eP 22 16.30 1.0
 DSZ 18.02 197 eP 22 19.80 2.2
 KHZ 18.25 193 eP 22 19.90 0.2
 LTZ 18.87 195 eP 22 25.80 0.3
 TOO 31.14 238 eP 24 17.00 4.3X
 ASPA 40.86 262 iPc 25 33.10 0.8
 0.5s 12.30nm 4.6mb
 eS 31 12.50
 WB2 41.28 267 iPc 25 35.20 -0.4
 0.6s 20.60nm 4.7mb
 WRA 41.29 267 P 25 36.00 0.3
 0.6s 1.40nm 3.6mb
 WARB 46.89 256 eP 26 29.20 10.4X
 SPA 65.49 180 iPc 28 25.50 0.3
 0.8s 13.33nm 4.4mb
 NAO 142.91 350 PKP 36 52.40 -12.1X
 0.7s 2.50nm
 HFS 143.06 348 ePKP 36 52.90 -11.8X
 0.3s 7.20nm
 KSP 150.58 337 iPKPc 37 16.50 -0.5
 CLL 151.24 341 iPKPc 37 17.90 -0.1
 0.9s 25.00nm
 e 39 27.00
 PRU 151.91 338 ePKP 37 19.50 0.5
 BAO 152.36 226 iPKPc 37 18.10 -2.6
 0.5s 7.00nm
 id 37 42.80
 KHC 152.97 338 ePKP 37 21.50 0.9
 e 39 31.50
 GEC2 153.17 338 ePKPd 37 22.30 1.4
 0.9s 1.60nm
 e 37 35.50
 S.D. = 1.3 on 24 of 30 obs.

* DEC 31, 1992 13h 47m 03.43 ± 1.43s
 6.275 N ± 17.4km 73.048 W ± 6.7km
 DEPTH = 124.9 ± 10.2 km

NORTHERN COLOMBIA (99)

BMG 0.79 358 eP 47 24.00 -0.4
 BOG 1.93 212 iPc 47 50.50 13.5X
 iS 48 19.50
 SDV 3.53 43 iPnd 48 00.10 2.3
 iSn 48 37.80
 TOV 4.75 43 iPnd 48 15.20 1.0
 iSn 49 05.50
 MORO 6.54 45 eP 48 37.70 -1.0
 UPA 6.97 293 eP 48 43.86 -0.5
 eS 49 55.65
 OLLA 7.21 59 eP 48 47.70 -0.1
 ECO 7.26 295 ePc 48 47.38 -1.1
 eS 49 54.17
 LLAV 7.45 56 eP 48 50.70 -0.3
 GUAN 8.19 63 iP 49 00.70 -0.3
 BRU 9.76 286 iPc 49 24.78 2.4
 PCJ 12.09 341 ePd 49 52.27 -0.4
 STH 12.29 343 ePd 49 54.67 -0.8
 BBJ 12.72 342 ePd 49 59.00 -2.0
 ZOBO 22.94 168 P 52 37.70 39.4X
 SIV 25.10 152 P 53 02.00 43.7X
 LMN 40.07 9 eP 54 29.00 1.1
 EEO 40.55 354 eP 54 33.50 1.7
 ULM 47.82 340 eP 55 30.50 0.5
 LIC 67.57 86 P 57 47.70 -1.3
 KIC 67.84 86 P 57 50.10 -0.6
 ASPA 148.85 233 ePKP 06 39.30 4.8X
 1.1s 4.10nm
 WB2 150.12 240 iPKPd 06 42.70 6.2X
 0.3s 4.50nm
 WRA 150.13 240 PKP 06 43.20 6.7X
 0.5s 0.30nm
 S.D. = 1.4 on 18 of 24 obs.

& DEC 31, 1992 14h 30m 23.10s
 40.385 N 124.522 W
 DEPTH = 2.0km (geophysicist)
 NEAR COAST OF NORTHERN CALIF. (35)
 <BRK>. ML 3.4 (BRK), 3.3 (GS).
 Felt (IV) at Ferndale and
 Honeydew. Felt (III) at
 Petrolia. Also felt at Scotio.

KMPM 0.31 84 iPd 30 29.18 -0.1
 FOX 0.43 71 iPd 30 32.03 0.4
 FHC 0.58 44 iPc 30 35.06 0.3
 eS 30 43.59

ARC 0.60 35 iPc 30 34.90 -0.1
 LGPM 1.39 67 iPc 30 43.51
 S 30 46.84 -2.7
 S 31 04.27
 WDC 1.52 82 eP 30 48.28 -3.1
 LBFM 2.22 63 eP 30 59.37 -2.3
 MIN 2.23 90 eP 30 59.10 -2.7
 NTYM 2.46 144 (P) 30 56.50 -8.4
 ORV 2.47 109 iPd 31 02.30 -2.7
 eS 31 31.33
 COE 3.83 144 (P) 31 16.79 -7.7
 11 obs. associated

DEC 31, 1992 15h 10m 29.38±0.63s
 46.591 N ± 5.7km 11.849 E ± 5.1km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.9 (VIE).

CTI 0.56 194 P 10 41.00 0.2
 eSg 10 47.20
 OGA 0.63 296 ePg 10 42.00 -0.2
 iSg 10 50.20
 FVI 0.64 89 P 10 42.00 -0.2
 eSg 10 50.00
 WTTA 0.69 348 iPg 10 43.00 -0.1
 iSg 10 49.60
 SOTA 0.77 325 iPg 10 44.40 0.0
 iSg 10 51.80
 MOTA 0.91 326 iPg 10 46.90 0.0
 KBA 1.14 64 iPg 10 50.50 -0.3
 iSg 11 05.30
 TRI 1.60 123 eP 11 20.40 22.7X
 GEC2 2.58 28 Pn 11 12.70 0.7
 Sg 11 50.20
 S.D. = 0.4 on 8 of 9 obs.

? DEC 31, 1992 15h 39m 45.88±1.47s
 5.343 S ± 10.2km 131.843 E ± 43.4km
 DEPTH = 119.0 ± 15.4 km
 5.0mb (2 obs.)
 BANDA SEA (280)

SLKI 2.68 192 iPd 40 28.00 -0.5
 SWI 4.49 353 ePc 40 53.50 0.6
 eS 41 43.00
 MTN 7.49 185 eP 41 28.60 -5.4X
 0.3s 122.00nm 5.9mb X
 eS 42 45.00
 WB2 14.72 171 eP 43 04.90 -4.5X
 eS 45 37.60
 ASPA 18.33 174 eP 43 52.50 -1.3
 eS 47 02.80
 WARB 21.31 193 eP 44 27.00 2.4
 GUN 55.29 309 P 49 09.60 -0.2
 0.5s 11.00nm 5.1mb
 PKI 55.49 309 P 49 10.80 -0.5
 KKN 55.69 309 P 49 12.40 -0.2
 DMN 55.74 309 P 49 12.80 -0.2
 GKN 56.29 309 P 49 16.80 0.0
 0.5s 9.00nm 5.0mb
 S.D. = 1.3 on 9 of 11 obs.

? DEC 31, 1992 15h 53m 30.05±7.66s
 38.754 N ± 54.5km 14.111 E ± 23.5km
 DEPTH = 10.0km (geophysicist)
 SICILY (398)

GIB 0.77 185 P 53 44.40 -0.7
 eSg 53 56.50
 MNO 0.94 151 P 53 48.50 0.4
 MCT 1.18 199 P 53 52.60 0.4
 ATN 1.22 119 P 53 52.50 -0.2
 SOI 1.67 113 P 54 03.30 3.8X
 MEU 1.77 158 P 54 01.20 0.1
 S.D. = 0.6 on 5 of 6 obs.

* DEC 31, 1992 16h 23m 56.91±1.01s
 36.149 N ± 9.3km 21.543 E ± 11.3km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.3 (ATH).

VLI 1.26 63 iPg 24 18.80 -1.5
 AGG 2.94 12 ePn 24 47.88 3.4X
 IGT 3.51 345 ePn 24 53.44 0.8
 LIT 4.02 10 ePn 25 01.42 1.6

PAIG 4.13 23 eSn 25 02.64 1.3
 OUR 4.60 24 ePn 25 10.12 2.1
 FNA 4.63 358 ePn 25 08.60 0.0
 GRG 4.85 8 ePn 25 11.04 -0.6
 SOH 4.88 16 ePn 25 12.68 0.6
 OHR 4.99 354 ePn 25 14.20 0.6
 KNT 5.12 12 ePn 25 15.32 -0.1
 SRS 5.21 17 ePn 25 16.08 -0.7
 VAY 5.23 9 ePn 25 15.00 -1.9
 SKO 5.82 359 ePn 25 24.20 -1.0
 eSn 26 27.50
 HVAR 8.04 332 e(Pn) 25 54.80 -1.7
 iSn 27 17.50
 KIC 38.19 225 P 31 18.60 0.1
 LIC 38.47 226 P 31 21.20 0.4
 S.D. = 1.3 on 16 of 17 obs.

DEC 31, 1992 17h 00m 02.95±0.56s
 12.711 N ± 7.5km 88.445 W ± 6.7km
 DEPTH = 58.4 ± 5.4 km
 4.4mb (9 obs.)
 OFF COAST OF CENTRAL AMERICA (76)
 Felt (III) at San Salvador, El
 Salvador. Felt throughout much
 of El Salvador.

VSM 0.73 13 iPd 00 18.80 0.9
 SJAS 1.18 324 iP 00 22.50 -1.2
 LFU 1.22 328 iP 00 24.00 -0.1
 VSS 1.28 323 iPc 00 25.00 -0.1
 TME 1.57 326 iPd 00 29.00 0.0
 YPE 1.85 320 iPd 00 33.00 0.0
 CUSS 1.89 309 iP 00 32.40 -1.0
 TPX 4.30 301 iP 01 06.50 -0.9
 iS 01 43.00
 SCX 5.69 315 eP 01 30.00 3.0X
 BRU 6.96 123 iPc 01 45.92 0.8
 eS 01 58.18
 DVD 7.26 125 iPd 01 49.00 0.1
 eS 02 07.72
 OXX 9.10 300 iP 02 16.50 2.0
 ECO 9.21 110 eP 02 14.81 -1.0
 UPA 9.50 112 eP 02 19.84 0.1
 PPM 11.65 304 iP 02 50.00 0.5
 UYO 22.05 347 iPd 04 53.80 -0.4
 MIAR 22.23 349 ePd 04 56.05 0.1
 1.0s 42.67nm 4.8mb
 e 05 11.57

MEO 23.82 339 iPc 05 11.50 0.0
 WMOK 23.85 339 ePc 05 10.72 -1.1
 0.6s 12.89nm 4.6mb
 TUL 24.03 345 e(P) 05 13.70 0.2
 0.6s 6.70nm 4.3mb
 LND 24.03 345 e(P) 05 12.00 -1.4
 CEH 24.57 19 eP 05 10.97 -7.8X
 0.8s 46.67nm 5.0mb
 ACO 25.75 340 iP 05 28.40 -1.4
 TUC 28.29 317 eP 05 54.23 1.2
 0.9s 7.07nm 4.3mb
 GOL 30.76 334 ePc 06 14.35 -0.9
 0.8s 1.94nm 3.9mb
 GLA 31.48 314 (P) 06 21.61 0.2
 e 06 34.55
 SRU 32.77 327 ePc 06 33.01 0.3
 PLM 33.07 313 eP 06 35.87 0.4
 e 06 48.86
 ARUT 33.48 323 eP 06 39.70 0.8
 PEC 33.57 314 (P) 06 53.11 13.5X
 RSSD 34.04 340 eP 06 43.10 -0.7
 0.6s 4.78nm 4.6mb
 EEO 34.73 11 eP 06 50.50 1.1
 ZOBO 35.12 145 P 06 52.80 -0.9
 Z 22s 0.11um 3.5msz

LPB 35.34 145 P 06 56.00 0.7
 TNP 35.98 320 (P) 07 01.33 1.0
 0.6s 1.24nm 4.0mb
 BONR 36.59 319 (P) 07 06.69 1.1
 ULM 37.92 352 eP 07 17.00 0.8
 LCCM 38.53 333 eP 07 21.60 0.0
 LMN 38.63 27 eP 07 24.00 1.7
 FCC 46.16 356 eP 08 24.00 0.8
 VAO 53.93 131 (P) 09 41.00 17.8X
 RES 62.07 358 eP 10 17.00 -2.4
 0.7s 2.00nm 4.4mb
 GEC2 88.37 40 ePKP 13 06.40 16.5X

0.8s 0.50nm
 WB2 138.39 254 ePKP 19 23.90 -0.6
 0.5s 3.70nm
 WRA 138.40 254 PKP 19 26.10 1.6X
 1.1s 0.70nm
 HYB 147.43 24 ePKP 19 39.50 -0.6
 S.D. = 1.0 on 40 of 46 obs.

% DEC 31, 1992 17h 58m 02.35±0.91s
 31.639 S ± 17.5km 68.115 W ± 10.9km
 DEPTH = 100.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.11 287 iPc 58 16.70 -0.1
 S 58 28.00
 RTCV 0.42 238 iPd 58 17.90 0.0
 S 58 29.30
 RTPR 1.92 46 iPc 58 34.50 0.2
 S 58 58.50
 MRA 2.18 111 ePc 58 38.10 0.3
 TCA 3.03 85 iPc 58 48.90 -0.4
 S 59 24.00
 S.D. = 0.4 on 5 of 5 obs.

% DEC 31, 1992 18h 40m 05.62±2.50s
 44.959 N ± 6.9km 6.608 E ± 19.5km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.2 (GEN).

RRL 0.13 107 P 40 10.01 1.0
 S 40 11.29
 BHB 0.48 104 P 40 14.86 -0.5
 S 40 20.21
 RSP 0.50 67 P 40 15.86 0.1
 S 40 22.04
 PZZ 0.57 142 P 40 17.15 -0.2
 S 40 24.47
 LSD 0.63 38 P 40 18.24 -0.3
 S 40 26.89
 STV 0.88 144 P 40 22.55 0.0
 S 40 34.22
 ENR 0.93 141 P 40 23.42 -0.1
 S 40 35.45
 S.D. = 0.6 on 7 of 7 obs.

* DEC 31, 1992 18h 43m 57.15±2.35s
 38.034 N ± 15.9km 26.711 E ± 15.7km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 ML 3.6 (ATH). MD 3.6 (ISK).

IZM 0.57 50 iPg 44 09.00 0.3
 eSg 44 17.00
 CIN 1.17 111 ePg 44 19.00 0.0
 iSg 44 35.00
 PRK 1.26 344 iPbd 44 21.70 1.2
 EZN 1.81 351 iPn 44 28.00 -0.6
 DST 2.17 43 ePn 44 33.80 -0.1
 KHL 2.24 82 ePn 44 40.00 5.1X
 EDC 2.48 21 iPn 44 37.00 -1.2
 BNT 2.50 22 ePn 44 38.00 -0.5
 KCT 2.56 30 ePn 44 38.40 -0.9
 ALT 2.85 68 ePn 44 47.50 3.8X
 YLV 3.27 38 ePn 44 51.00 1.5
 S.D. = 1.1 on 9 of 11 obs.

& DEC 31, 1992 19h 12m 21.81s
 60.314 N 141.197 W
 DEPTH = 8.0km
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 2.6 (AEIC). 2.2
 (PGC).

YAH 0.28 281 iP 12 27.75 0.1
 S 12 32.47
 CTGM 0.66 354 iP 12 34.62 -0.5
 S 12 44.69
 CYK 0.68 251 iP 12 34.84 -0.7
 eS 12 45.32
 SNH 0.83 261 iP 12 36.94 -1.1
 eS 12 48.41
 BALM 0.92 323 eP 12 38.28 -1.4
 eS 12 51.46
 CROM 1.06 296 eP 12 40.86 -1.2
 eS 12 54.48
 HMT 1.52 272 eP 12 48.04 -1.4

31d 19h

GLB	1.71	313	eS	13	08.61	
			eP	12	50.37	-1.7
			eS	13	11.95	
			eS	13	12.96	
RAGM	1.73	274	eP	12	51.22	-1.2
			S	13	14.32	
HYT	1.89	73	P	12	55.80	0.9
			S	13	20.70	
SGAM	2.00	277	eP	12	54.15	-2.1
			eS	13	19.20	
KLU	2.59	299	eP	13	03.92	-0.9
12 obs. associated						

* DEC 31, 1992 19h 13m 04.55±0.91s
 16.339 N ±13.4km 94.199 E ±10.2km
 DEPTH = 33.0km (normal)
 3.6mb (1 obs.)
 NEAR SOUTH COAST OF MYANMAR (298)

KHT	4.51	109	eP	14	12.40	0.1
BDT	4.69	78	eP	14	14.00	-0.8
			eSg	15	04.20	
CHG	5.15	61	iPn	14	22.00	0.5
			eSg	15	16.50	
NST	5.75	96	eP	14	37.00	7.2X
NNT	6.53	124	eP	14	41.70	0.9
PKI	13.85	325	P	16	20.00	-0.8
GUN	13.85	328	P	16	31.00	9.8X
DMN	14.02	325	P	16	23.40	0.0
KKN	14.07	326	P	16	25.40	1.5
GKN	14.59	324	P	16	30.20	-0.5
WRA	53.44	131	P	22	23.10	-0.8
			0.8s	0.50nm	3.6mb	
S.D. = 1.0 on 9 of 11 obs.						

* DEC 31, 1992 19h 14m 48.41s
 35.024 N 116.979 W
 DEPTH = 9.3km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 2.8 (PAS).

GSC	0.31	27	iPd	14	54.26	-0.6
SSK	1.00	216	eP	15	06.99	-0.6
			eS	15	19.85	
PEC	1.14	188	eP	15	08.99	-0.8
ISA	1.38	298	eP	15	12.56	-1.2
			S	15	30.95	
PLM	1.67	177	eP	15	18.92	0.8
BCH	2.55	274	eP	15	28.95	-1.7
GLA	2.66	137	eP	15	36.67	4.5
BONR	3.11	340	P	15	47.99	9.2
8 obs. associated						

? DEC 31, 1992 19h 20m 03.47±1.73s
 39.248 N ±14.4km 28.732 E ±31.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).

DST	0.37	347	iPg	20	10.30	-0.7
			iSg	20	15.30	
KCT	1.04	344	iPg	20	23.80	0.7
KHL	1.11	146	iPg	20	24.30	-0.1
			eSg	20	38.30	
YLV	1.41	20	ePn	20	29.30	0.1
S.D. = 1.0 on 4 of 4 obs.						

* DEC 31, 1992 19h 23m 36.80±1.07s
 24.513 S ±7.4km 179.500 W ±11.8km
 DEPTH = 469.0 ±11.1 km
 4.3mb (5 obs.)
 SOUTH OF FIJI ISLANDS (171)

SVA	6.64	343	iP	25	19.20	-0.2
DZM	13.14	278	iPc	26	30.00	0.7
URZ	14.01	191	eP	26	37.00	-1.1
			eS	29	09.20	
NOZ	14.22	188	eP	26	38.90	-1.4
NGZ	15.20	195	eP	26	51.10	0.6
PGZ	16.45	191	eP	27	02.30	-0.6
MNG	16.60	193	eP	27	03.30	-1.2
			eS	29	53.40	
QRZ	17.58	200	eP	27	15.30	1.2
THZ	18.33	198	eP	27	22.50	1.0
			eS	30	24.70	
DSZ	18.65	201	eP	27	25.60	1.1
KHZ	18.76	196	eP	27	26.80	1.2

LTZ	19.45	198	eP	27	32.20	-0.1
LMZ	21.26	203	eP	27	49.80	0.5
BWZ	21.77	201	eP	27	52.70	-1.3
RMO	28.68	259	iPc	28	57.00	0.9
			0.7s	14.00nm	4.5mb	
CAN	29.24	241	eP	29	01.50	0.6
BWA	29.52	243	eP	29	02.00	-1.4
CMS	31.30	248	eP	29	19.00	0.4
TOO	32.51	239	iPc	29	30.00	1.1
			0.5s	9.00nm	4.5mb	
TAU	32.86	228	eP	29	33.00	1.4
STK	34.93	249	iPd	29	49.70	0.5
			0.5s	3.90nm	4.1mb	

WRA	42.82	267	P	30	53.80	0.1
			0.6s	1.90nm	3.7mb	
WARB	48.41	256	iPd	31	35.40	-1.4
			0.3s	3.00nm	4.2mb	
KLB	55.17	248	eP	32	24.70	-1.3
MUN	56.41	247	eP	32	33.00	-1.6
MRWA	57.10	250	eP	32	38.00	-1.5
KAF	138.57	342	iPKP	42	09.90	0.7
			0.6s	4.60nm		
NUR	140.34	342	ePKP	42	12.00	-0.4
NAO	143.01	352	PKP	42	13.70	-3.4X
			0.9s	8.50nm		

HFS	143.23	349	ePKP	42	13.70	-3.8X
			0.4s	10.50nm		
KAS	147.66	309	ePKP	42	29.50	4.0X
HRI	148.06	294	iPKPd	42	30.90	4.5X
JVI	148.52	292	iPKPd	42	32.10	5.0X
MBH	149.03	287	iPKPd	42	33.30	5.3X
EKA	149.10	4	PKP	42	32.00	4.8X
			0.5s	3.40nm		
CSS	149.77	298	ePKP	42	34.80	5.9X
DMU	150.13	9	ePKP	42	34.10	5.3X
DCN	150.62	10	ePKP	42	35.20	5.7X
DLF	150.77	9	ePKP	42	35.40	5.7X
KSP	151.02	339	iPKPd	42	36.70	6.5X
			0.7s	29.00nm		

CLL	151.57	343	iPKP	42	37.90	6.9X
			0.8s	24.00nm		
BRG	151.71	342	iPKPd	42	37.70	6.5X
			0.5s	20.00nm		
PRU	152.32	340	ePKPd	42	39.50	7.4X
KHC	153.37	341	ePKP	42	41.00	7.3X
			e	42	56.00	
BCAO	153.55	224	iPKPc	42	35.00	0.1
			0.4s	10.00nm		
GEC2	153.59	340	ePKP	42	33.70	-0.3
			0.8s	1.32nm		
			ed	42	42.20	
			e	42	48.80	
			e	42	57.00	
LIC	161.06	163	PKP	42	45.00	1.2
KIC	161.26	164	PKP	42	44.20	0.2
S.D. = 1.0 on 32 of 48 obs.						

DEC 31, 1992 20h 17m 08.64±0.14s
 32.015 S ±5.4km 178.025 W ±3.7km
 DEPTH = 16.4km (geophysicist)
 5.8mb (43 obs.) 6.3Msz (50 obs.)
 SOUTH OF KERMADEC ISLANDS (179)

Ms 6.4 (BRK). Mo=5.0*10**18 Nm
 (PPT). Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=335 Dip=70 Slip= 90
 NP2: 155 20 90
 Principal Axes:
 T Plg=65 Azm=245
 P 25 65

Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sto: 11 Facol mech. F
 Energy 1.4±0.4*10**13 Nm
 MOMENT TENSOR SOLUTION
 Dep 34 No. of sto: 8
 Moment Tensor: Scale 10**18 Nm

Mrr= 2.52 Mtt= 0.04
 Mff=-2.56 Mrt= 0.64
 Mrf= 3.02 Mtf= 0.67

Principal axes:
 T Val= 4.11 Plg=62 Azm=296
 N -0.12 13 181
 P -4.00 24 85

Best Double Couple:Mo=4.1*10**18
 NP1:Strike=149 Dip=24 Slip= 56
 NP2: 5 71 104

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 19S, 49C

Centroid Location:
 Origin Time 20:17:13.8 0.2
 Lat 32.235 0.02 Lon 177.66W 0.02
 Dep 15.0 FIX Half-duration 3.5

Moment Tensor: Scale 10**18 Nm
 Mrr= 2.38 0.04 Mtt= 0.28 0.05
 Mff=-2.66 0.06 Mrt= 0.28 0.11
 Mrf= 2.79 0.14 Mtf=-1.25 0.04

Principal Axes:
 T Val= 3.64 Plg=65 Azm=259
 N 0.61 10 13
 P -4.25 23 107

Best Double Couple:Mo=3.9*10**18
 NP1:Strike=217 Dip=24 Slip= 116
 NP2: 8 68 79

RAO	2.76	2	iPd	17	51.20	-1.7
			S	18	17.30	
HBZ	6.34	207	eP	18	39.60	-4.0X
			e	25	13.50	
PUZ	6.77	206	eP	18	46.00	-3.7X
			eS	20	03.90	
KUZ	7.00	226	eP	18	54.60	1.7X
NOZ	7.33	205	eP	18	53.30	-4.2X
URZ	7.39	211	eP	18	54.20	-4.2X
WCZ	7.45	236	eP	19	02.10	2.9X
WLZ	7.84	220	eP	19	04.80	0.1X
TTH	8.59	208	eP	19	11.10	-4.1X
MOZ	8.73	220	eP	19	17.10	0.0X
WAHZ	8.92	209	eP	19	13.50	-6.2X
PGZ	9.74	207	eP	19	24.40	-6.5X
KIW	10.50	211	eP	19	34.10	-7.3X
BLW	10.69	207	eP	19	36.90	-7.1X
MRW	10.89	210	eP	19	40.10	-6.7X
			eS	21	37.30	
SNZO	10.96	210	P	19	31.00	-16.6X
			S	21	08.00	
TCW	11.06	212	eP	19	42.20	-6.9X
THZ	12.13	214	eP	20	00.10	-3.6X
			eS	22	08.20	
KHZ	12.36	210	eP	20	01.20	-5.4X
			eS	22	09.80	
LTZ	13.22	213	eP	20	13.90	-4.2X
			eS	22	31.50	
MQZ	13.79	210	eP	20	17.80	-7.8X
			eS	22	41.80	
SVA	14.20	346	iP	20	31.10	0.0X
VUN	14.30	346	eP	20	31.00	-1.5X
ODZ	15.72	211	eP	20	45.40	-5.4X
LRCZ	16.32	213	eP	20	53.00	-5.7X
TLC	16.55	214	eP	20	57.80	-3.7X
DZM	17.00	302	iPc	21	09.50	2.3
RAR	19.52	61	P	21	36.00	-2.1X
BRS	25.74	273	iPc	22	41.00	0.9
			1.0s	33.00nm	5.0mb	
RIV	25.89	258	eP	22	47.50	6.2X
			18s	93.54um	6.4Msz	
			eS	27	32.80	

		i	26	20.20		AIA	70.46	156	e(P)	28	23.00	-0.7		Z	19s	24.00um	6.6Msz	
		eS	28	12.00		MAW	70.79	201	e(P)	28	25.00	-0.7		ARN	86.85	42 iPd	29 53.69 0.2	
		e	30	03.00			1.0s	116.67nm				6.0mb		PLM	86.89	47 eP	29 54.19 0.2	
RMO	29.43	272 iPc	23	15.20	1.6	Z	16s	33.33um				6.7MszX		SSK	86.95	46 eP	29 54.68 0.4	
	1.2s	471.00nm			6.2mb	KKM	73.04	289	ePd	28	39.80	-0.2		NTYM	86.95	40 eP	29 53.55 -0.3	
		iP	23	24.20	31kmX	TGY	74.26	298	ePc	28	46.00	-0.9		PEC	87.06	47 ePd	29 54.78 0.2	
		iPcP	25	12.80		QCP	74.49	299	eP	28	49.00	0.8			1.2s	45.70nm	5.6mb	
		eS	30	02.70		CVP	75.90	302	eP	28	56.00	-0.3		PET	87.08	346 eP	29 54.00 -0.2	
TOO	30.34	249 eP	23	22.50	0.8	BAG	75.98	300	ePc+	28	54.00	-3.0X			1.1s	80.00nm	5.9mb	
	1.0s	206.00nm			5.9mb				eS	38	40.00			Z	20s	12.70um	6.3Msz	
		ePcP	25	21.00		KLI	76.52	273	eP	28	57.50	-2.4		N	20s	7.50um		
		e	26	22.20		NVL	77.27	183	eP	29	02.00	-1.1		E	20s	3.40um		
		iS	30	03.00			Z	18s	24.00um			6.6Msz				eS	40 32.00	
CMS	30.65	261 eP	23	24.80	0.4		N	19s	14.00um							eSS	46 12.00	
	0.8s	123.00nm			5.8mb		E	17s	5.50um					MDZ	87.12	127 eP	29 53.20 -2.0	
		i	25	23.20					ePcP	29	43.00	263kmX		ISA	87.46	45 ePc	29 55.93 -0.6	
BFD	32.70	250 eP	23	42.50	0.2				e	30	04.00				2.0s	763.67nm	6.6mb	
	1.1s	199.00nm			6.0mb				e	31	11.00			Z	18s	9.21um	6.2Msz	
		ePP	25	42.50					ePP	31	43.00			KMPM	87.63	38 eP	29 56.47 -0.8	
		eS	30	10.80					ePPP	33	18.00			FRI	87.64	43 eP	29 56.58 -0.7	
CTA	34.07	282 iPc	23	55.00	0.6				eS	38	51.00			VLA	87.72	326 iPc-	29 57.00 -0.4	
	1.0s	112.50nm			5.7mb				eSS	43	44.00				2.5s	142.00nm	5.8mb	
		i	24	56.00	310kmX	KAKJ	78.35	327	P	29	09.70	0.2				i	33 29.00	
		iS	29	00.00		CHJJ	78.78	326	P	29	09.10	-2.8X				iPPP	35 22.00	
CTAO	34.07	282 iPc	23	55.00	0.7	KAGJ	79.31	317	eP	29	14.10	-0.8				eS	40 21.00	
		ed	23	59.80	16kmX	MAJO	79.55	325	iPc	29	13.18	-3.0				i	40 36.00	
ADE	36.00	253 eP	24	10.80	0.0				epPd	29	18.23	16kmX				iSPP	42 00.00	
PMG	39.30	297 eP	24	39.50	0.9				esPd	29	20.80					iPPS	42 10.00	
RAB	39.33	309 iP+	24	36.00	-2.9X	MTMJ	79.78	325	P	29	16.30	-1.2		CMB	87.97	42 ePc	29 58.33 -0.6	
		iS	30	28.00		TSRJ	79.86	323	P	29	04.10	-13.7X		Z	18s	14.00um	6.4Msz	
OIS	39.44	276 eP	24	39.70	0.0	OFUJ	80.04	329	eP	29	18.40	-0.2				eS	40 32.70	
DRV	42.65	203 eP	25	09.30	3.8X	KUMJ	80.34	318	P	29	20.60	0.2				ePS	40 46.70	
		S	31	24.00		TATO	80.89	307	ePc	29	20.92	-2.6X				ePPS	41 15.70	
		SS	35	06.00					e	29	25.06	13kmX				eSS	46 18.70	
ASPA	43.03	269 iPc	25	08.10	-1.1				esPd	29	28.37					eLO	53 01.70	
	0.5s	136.70nm			5.9mb	SHNJ	81.36	319	eP	29	27.10	1.4		GLA	87.98	49 eP	29 59.84 0.8	
Z	18s	71.90um			6.6Msz	KGM	81.46	278	eP	29	28.50	1.8		RTCB	87.98	126 ePd	29 58.50 -0.9	
		eS	31	31.30		AOMJ	81.82	329	eP	29	30.00	2.1		GSC	88.22	46 ePc	29 59.85 -0.4	
WB2	44.15	274 iPc	25	17.30	-1.0	HOJJ	82.13	332	eP	29	31.40	1.9		SDN	88.29	10 eP	29 59.61 -0.3	
	0.6s	85.80nm			5.8mb	KUSJ	82.18	333	eP	29	29.60	-0.2			1.3s	409.93nm	6.6mb	
		ePcP	27	14.50		QZH	82.86	305	Pc	29	31.00	-2.7X				88.30	126 ePd	30 00.00 -0.9
		eScP	31	15.30			Z	20s	5.60um			5.9Msz		ORV	88.42	40 eP	30 00.96 0.0	
		eS	31	43.50			N	18s	3.97um					MEMM	88.55	43 eP	30 02.60 1.0	
WRA	44.16	274 P	25	17.40	-1.0	KUR	82.89	336	eP	29	45.00	11.6X		MTUM	88.55	43 eP	30 01.70 -0.2	
	0.7s	18.30nm			5.0mb		1.0s	210.00nm						WDC	88.58	39 ePc	30 01.68 0.0	
FORT	45.63	257 eP	25	28.40	-1.7		Z	18s	35.40um			6.8Msz			2.2s	469.01nm	6.4mb	
SBA	46.43	184 iPc	25	39.50	3.8X		N	18s	17.70um					Z	19s	16.60um	6.5Msz	
WARB	48.26	262 eP	25	49.00	-1.9		E	18s	11.80um							88.67	38 eP	30 02.50 0.2
MTN	50.23	280 eP	26	05.00	-1.0				iS	39	56.00			LGPM	88.67	38 eP	30 03.35 0.2	
	0.6s	103.00nm			6.0mb	MRRJ	83.06	331	eP	29	35.40	1.1		MRCM	88.80	43 eP	30 04.71 0.0	
COOL	51.29	254 eP	26	10.00	-4.0X	ADK	83.55	1	eP	29	36.29	-0.3		BONR	89.12	43 eP	30 04.71 0.0	
	0.4s	22.00nm			5.4mb		1.0s	123.13nm				6.1mb		MRA	89.51	129 ePc	30 06.00 -0.5	
SLKI	52.70	286 ePc	26	28.00	3.3X	ASAJ	83.84	333	eP	29	39.10	0.8		TNP	89.83	44 eP	30 07.52 -0.4	
CSY	53.71	208 eP	26	32.90	1.4	HKC	84.37	301	iP	29	42.00	0.6			1.1s	94.58nm	5.9mb	
	0.7s	122.40nm			6.0mb	SMY	84.67	355	eP	29	41.77	-0.4				epP	30 24.43 59kmX	
KLB	53.82	252 eP	26	30.00	-2.8X		1.4s	484.95nm				6.5mb		CRZF	89.86	212 iPc	30 13.00 5.1X	
	0.3s	9.00nm			5.3mb		Z	19s	13.28um			6.3Msz				ePP	33 48.00	
MEEK	54.82	258 eP	26	37.00	-3.3X	IPM	84.76	279	eP	29	42.50	-1.1				iS	41 02.00	
MUN	54.94	251 eP	26	38.00	-3.1X	SSE	85.15	311	Pc	29	42.00	-3.1X		KVN	89.97	42 eP	30 08.42 -0.1	
	Z	20s			6.3Msz		1.0s	11.00nm				5.0mb		NNT	90.13	285 eP	30 10.30 0.8	
	N	20s					Z	20s	8.70um			6.1Msz		TUC	90.13	51 eP	30 10.00 0.7	
	E	20s					N	16s	2.40um					Z	18s	5.24um	6.0Msz	
BAL	54.99	253 eP	26	40.00	-1.4		E	16s	2.00um					TUC	90.13	51 P	30 13.53 4.2X	
KKH	55.54	25 (P)	26	44.75	-0.6				S	40	08.00				Z	18s	5.24um	6.0Msz
MRWA	56.05	254 eP	26	47.00	-2.1	GZH	85.45	301	P	29	46.00	-0.8		LOE	91.11	290 eP	30 18.90 4.9X	
	0.5s	12.00nm			5.2mb		1.0s	65.00nm				5.8mb		PPM	91.35	68 iP	30 17.00 1.3	
MHA	56.07	25 eP	26	47.52	-1.6	PEL	85.72	127 iPd				-1.3		NST	91.46	287 eP	30 23.50 7.9X	
HON	56.40	23 P-	27	00.95	9.5X		1.0s	125.00nm				6.1mb		ARUT	91.89	46 eP	30 17.65 0.2	
	Z	19s			5.8Msz	BCH	86.17	44 eP				0.2		CYA	91.89	125 iPc	30 17.00 -0.7	
		S	34	49.59		PRS	86.22	43 iPd				0.7		KHT	92.24	286 eP	30 19.30 0.1	
SWI	56.93	293 ePc	26	53.50	-2.0X	YSS	86.25	334 iPc				-0.7		SHW	92.73	35 eP	30 21.91 0.9	
	1.0s	3.50nm			4.3mb X		0.6s	50.00nm				5.9mb		VGB	92.98	36 (P)	30 20.94 -1.1X	
GUA	57.55	316 e(P)	26	52.70	-7.1X			epPd				18kmX		MSU	93.13	46		

ABHA	140.86	259	ePKP	36	40.00	-0.4
SDF	141.75	345	iPKP	36	36.20	-4.0X
MJMA	141.79	272	ePKP	36	45.30	3.7X
KER	142.39	286	ePKP	36	42.00	-0.5
TAB	143.46	292	ePKP	36	42.00	-2.2X
GRO	143.98	301	iPKPc+36	40.00	-4.7X	
	1.0s	440.00nm				
	Z 14s	1.50um			5.9Mszx	
	N 16s	2.00um				
	E 22s	8.40um				
AKU	144.15	14	iPKP	36	49.30	5.0X
	1.6s	240.00nm				
MTA	144.71	298	iPKP	36	43.70	-2.3
	0.8s	130.00nm				
	N 19s	1.50um				
	E 19s	1.50um				
MOS	145.64	324	iPKPc	36	46.00	-1.1
	2.0s	3.00nm				
	Z 19s	6.00um			6.4Msz	
PYA	145.82	302	iPKPc+36	47.00	-0.9	
	1.5s	650.00nm				
		i	40	06.00		
		iPPP	43	26.00		
KAF	146.06	340	ePKP	36	45.80	-1.8
PUL	146.45	334	iPKPc	36	48.00	-0.3
	1.4s	650.00nm				
	Z 18s	5.00um			6.3Msz	
	N 18s	3.00um				
	E 18s	1.50um				
OBN	146.46	324	iPKPc+36	48.00	-0.5	
	1.5s	1400.00nm				
		ePPP	43	32.00		
		eSS	59	06.00		
		eSSS	04	35.00		
NSS	146.87	352	ePKP	36	49.51	0.7
NUR	147.81	339	ePKP	36	51.50	1.0
SOC	148.28	302	ePKP	36	50.00	-1.8
	Z 21s	6.00um			6.4Msz	
	N 20s	6.00um				
	E 20s	1.30um				
		ePPP	43	54.00		
BCAO	148.47	213	iPKPc	36	54.90	1.9X
	1.0s	295.00nm				
		id	37	08.50		
		id	38	54.20		
RGS	148.51	353	ePKP	36	54.80	3.3X
TBZ	148.52	297	ePKP	36	55.00	2.8X
MOL	149.22	355	ePKP	36	56.46	3.8X
WAJH	149.31	268	iPKPc	36	56.80	2.9X
ANN	149.74	305	iPKP	36	52.00	-2.0X
	1.6s	340.00nm				
	Z 19s	3.50um			6.2Msz	
	N 20s	3.00um				
	E 20s	3.00um				
		i	36	59.50		
		i	40	30.00		
		eSS	59	37.00		
UPP	150.26	344	iPKP	36	36.70	-17.6X
AYN	150.57	273	iPKPc	36	58.60	2.9X
NAO	150.60	351	PKP	36	59.80	5.0X
	0.9s	56.50nm				
GAZ	150.65	290	ePKP	36	59.00	3.4X
HFS	150.82	348	ePKP	36	58.00	2.9X
	0.9s	112.90nm				
	Z 21s	5391.00um			9.3Mszx	
		LR	29	37.00		
KVT	151.32	298	iPKP	37	02.00	5.4X
MASJ	151.41	279	PKP	37	01.80	4.8X
HQL	151.47	273	iPKPc	37	03.30	6.2X
SALJ	151.48	279	PKPc	37	01.30	4.2X
MNK	151.48	328	iPKP	37	01.00	4.7X
DHLJ	151.51	277	PKPc	37	02.00	4.9X
SHMJ	151.52	281	PKP	37	01.90	4.8X
BER	151.54	356	ePKP	37	03.00	6.8X
HRI	151.61	282	ePKP	36	57.70	0.4
DSI	151.66	278	ePKP	36	55.90	-1.4
BHL	151.75	283	PKP	36	54.00	-3.5X
		S	39	34.00		
KONO	151.89	352	ePKP	37	03.70	7.0X
ZNT	152.06	279	ePKP	36	58.50	0

Z 18s	6.10um	6.5MsZ	1.2s	3.67nm	1.4s	19.60nm		
N 18s	3.40um			e 37 13.50	MFF 165.34	6 ePKP	37 13.80	1.1
E 18s	3.30um			e 37 16.60	1.3s	29.95nm		
	i 37 23.00			e 37 34.30	TCF 165.75	359 ePKP	37 13.80	0.7
HLW 154.75	273 ePKP	37 00.00 -1.6		e 37 39.50	1.3s	22.40nm		
	e 47 26.00			ePKPab 37 51.40	LSF 165.78	1 ePKP	37 13.90	0.8
BSD 155.17	342 ePKP	37 10.00 8.7X		e 37 56.60	1.3s	16.25nm		
	1.2s 132.00nm			e 38 04.30	BNI 166.48	346 PKP	37 07.60	-6.3X
COP 155.22	346 ePKP	37 01.00 -0.4	GRF 161.03	341 ePKPd 37 09.50 1.0	SBF 167.42	342 ePKP	37 14.70	0.2
Z 20s	4.75um	6.3MsZ	Z 20s	4.00um	1.1s	25.40nm		
	i 37 27.40			i 37 13.80	ECRI 168.84	17 ePKP	37 17.30	1.8
GPA 155.75	298 ePKP	37 04.00 1.2		iPKPab 37 53.10	EPF 168.93	6 ePKP	37 16.00	0.5
CLI 155.76	314 ePKP	37 06.00 3.5X	ENN 161.04	352 ePKP 37 10.00 1.6	1.5s	52.25nm		
LVV 155.77	324 iPKP	37 04.00 1.6	1.0s	34.00nm	GUD 170.08	28 ePKP	37 18.40	2.1
CFR 155.80	310 ePKP	37 04.00 1.4		e 37 51.50	ETOR 170.63	19 ePKP	37 18.60	2.0
EYL 155.81	299 ePKP	37 00.00 -2.9X		ePP 41 30.00	PAB 170.90	33 iPKPc	37 16.73	0.0
VR1 156.41	313 ePKPd	37 22.50 19.1X	VAY 161.08	305 ePKP 37 12.70 3.9X		ePP 43 50.00		
ITU 156.54	300 iPKPc	37 02.00 -1.7		i 37 53.50	EVAL 170.93	50 ePKP	37 17.00	0.3
KDS 156.66	143 iPKP	37 05.30 0.7	UCC 161.15	355 PKP 37 07.00 -1.5	EBR 171.13	7 ePKP	37 20.00	3.4X
KHL 156.67	293 ePKP	37 05.00 0.9		e 37 53.00	EHOR 171.71	44 ePKP	37 17.00	0.0
MLR 157.08	313 ePKP	37 03.00 -1.5	SNF 161.44	355 PKP 37 09.00 0.2	AVE 171.98	78 ePKP	37 11.00	-6.2X
UZH 157.40	323 iPKP	37 02.50 -2.0X		e 41 29.40		i 37 19.50		
Z 18s	5.50um	6.4MsZ	KMR 161.51	334 ePKP 37 10.00 1.0	ECHE 172.07	17 ePKP	37 19.00	1.8
	i 37 16.20			i 37 54.20	EBAN 172.26	36 ePKP	37 20.00	2.8X
OJC 157.50	329 ePKP	37 02.10 -2.5X	SKO 161.58	308 ePKP 37 08.20 -1.1	EPRU 172.27	48 ePKP	37 22.20	4.9X
	iSS 01 06.00			e 37 24.70	EJIF 172.41	52 ePKP	37 17.20	-0.1
	i 37 18.30			i 37 56.00	EVIA 172.45	28 ePKP	37 16.10	-1.3
	e 37 28.70			i 41 36.00	ECOG 173.04	39 ePKP	37 18.50	0.8
	i 37 37.30			i 49 17.00	EHUE 173.11	32 ePKP	37 15.80	-1.9
DCN 157.66	15 ePKP	37 16.40 11.7X		i 51 14.50	EGUA 173.36	42 ePKP	37 16.00	-1.7
MTUR 157.75	313 ePKP	37 11.00 5.8X		i 52 06.00	EALH 173.54	25 ePKP	37 15.40	-2.3
SPC 158.03	327 ePKP	37 06.40 0.8		i 55 24.00	IFR 173.83	74 ePKP	37 22.00	3.8X
	i 37 40.80		DOU 161.83	355 PKP 37 06.90 -2.3X		i 37 50.00		
COZ 158.15	314 ePKP	37 20.00 14.2X	Z 19s	3.20um	ENIJ 173.97	34 ePKP	37 15.70	-2.3
KSP 158.41	335 ePKP	37 05.30 -0.4		e 37 14.00		S.D. = 1.1 on 238 of 370 obs.		
1.0s	123.00nm			e 37 56.00				
	ic 37 23.80			e 41 21.00				
	i 37 41.30			e 41 31.60				
WIT 158.94	352 ePKP	37 13.00 6.9X	WLF 162.09	351 PKP 37 10.00 0.5				
	e 37 44.00			e 37 57.00				
CLL 159.08	340 iPKP	37 06.00 -0.4	BHG 162.25	335 ePKP 37 15.20 5.4X				
2.4s	91.00nm			i 37 55.70				
BRG 159.18	338 ePKP	37 06.30 -0.2	OHR 162.39	306 iPKP 37 12.00 1.8	RAO 2.36	12 eP	29 53.20	-0.6
Z 18s	6.00um	6.5MsZ	FUR 162.39	339 ePKP 37 15.20 5.3X		S	30 21.10	
N 18s	2.50um			i 37 58.70	DZM 16.45	301 iPc	33 14.40	7.5X
E 18s	3.50um		PTJ 162.42	326 ePKP 37 11.80 1.7	ARMA 25.63	265 eP	34 49.00	3.1X
	i 37 43.50		KBA 162.62	333 (PKP) 37 05.60 -4.8X	0.7s	13.00nm		4.7mb
WTS 159.72	351 ePKP	37 08.00 1.0		i 38 02.50		e 35 14.80		
1.0s	13.00nm		WTTA 163.07	337 (PKP) 37 09.10 -1.7	CNB 27.04	253 eP	35 00.20	1.4
	e 37 23.50		1.1s	91.60nm	CAN 27.34	253 eP	35 02.30	0.8
	ePP 37 42.00			i 38 02.10	BWA 27.85	255 iPd	35 05.00	-1.2
PRU 159.74	336 ePKP	37 06.50 -0.7		i 38 02.10	RMO 29.04	272 eP	35 19.00	2.1
Z 22s	8.00um	6.5MsZ	CDP 163.14	348 ePKP 37 10.90 0.2	0.7s	23.00nm		5.1mb
N 22s	4.50um		FLN 163.17	6 ePKP 37 11.40 0.8	TAU 29.31	238 eP	35 17.00	-2.1
E 19s	1.70um		1.7s	75.75nm	TOO 30.15	249 eP	35 26.70	-0.1
	e 37 45.20		Z 21s	7.70um	0.8s	21.00nm		5.0mb
	eSKP 40 38.80			i 38 02.10	CMS 30.36	261 iPc	35 30.00	1.4
	ePP 41 25.20		LDF 163.36	5 ePKP 37 11.60 0.8	0.5s	9.00nm		4.9mb
	ePPS 55 00.00		1.4s	34.85nm	BFD 32.50	249 eP	35 46.50	-0.9
DBN 159.79	354 ePKP	37 10.00 2.9X	GRR 163.51	7 ePKP 37 11.80 0.8	1.2s	45.00nm		5.3mb
Z 18s	7.50um	6.6MsZ	1.3s	19.85nm	ASPA 42.67	268 iPc	37 12.30	-0.8
	e 37 44.00		TRI 163.56	330 e(PKP) 37 08.00 -3.1X	0.6s	25.40nm		5.1mb
	ePP 41 28.00			e 37 48.00	WB2 43.75	274 iPc	37 21.00	-0.9
	ePPS 55 00.00			e(PKPP) 38 08.00	0.4s	50.20nm		5.7mb
	e 04 04.00			e(P) 41 36.00		i 37 34.90		
BUD 159.81	325 ePKP	37 06.00 -1.3		e(SKS) 44 08.00	WRA 43.76	274 P	37 21.50	-0.4
SRO 159.92	326 ePKP	37 07.30 -0.1		e(PPP) 45 32.00	0.5s	4.70nm		4.5mb
	i 37 48.20			e(SKSP) 51 40.00	WARB 47.95	262 eP	37 52.00	-3.3X
	e 43 02.60			e(SSS) 08 32.00	LNO 102.47	56 eP diff	43 08.50	-3.6X
MOX 160.06	342 ePKP	37 09.20 1.7	HAU 163.69	349 ePKP 37 11.70 0.5	KAF 145.51	340 iPKP	48 50.00	-3.6X
	e 37 46.70		1.4s	25.70nm	0.6s	17.10nm		
	e 41 45.00		Z 20s	6.28um	0.8s	21.00nm		
ZST 160.18	329 ePKP	37 07.60 -0.1	BSF 163.78	348 ePKP 37 11.70 0.3	OBN 145.88	324 iPKPd	48 52.70	-1.8
	i 37 49.40		1.4s	35.30nm	1.1s	100.00nm		
	e 41 36.80		LPF 163.84	7 ePKP 37 12.60 1.3		e 49 04.00		
VKA 160.47	330 ePKP	37 06.00 -2.0	1.4s	48.80nm	NUR 147.27	339 iPKP	48 55.20	-1.3
Z 18s	4.00um		LOR 164.70	355 ePKP 37 12.80 0.6	0.5s	17.90nm		
BNS 160.68	350 ePKPc	37 10.50 2.4X	1.5s	21.40nm	BCAO 148.63	214 iPKPd	49 00.90	0.7
Z 17s	13.80um		Z 21s	7.85um	0.7s	18.00nm		
KHC 160.80	336 ePKP	37 08.40 0.1	SSF 164.93	356 ePKP 37 13.00 0.6	UPP 149.73	344 ePKP	49 02.00	1.6
Z 18s	7.00um		1.2s	21.70nm	NAO 150.10	351 PKP	49 02.20	1.2
N 18s	3.50um		LBF 164.97	355 ePKP 37 13.10 0.6	0.7s	2.90nm		
E 18s	6.00um		1.4s	30.50nm	HFS 150.30	348 ePKP	49 02.10	0.8
	e 37 32.40		VAI 165.20	341 PKP 37 13.70 1.1	1.0s	22.10nm		
	e 37 51.50		AVF 165.21	356 ePKP 37 12.90 0.3	HR1 151.15	283 ePKP	49 07.20	3.6X
GEC2 161.01	336 ePKPd	37 08.40 -0.2	1.4s	14.40nm	DSI 151.23	279 ePKP	49 07.10	3.5X
			SMF 165.32	355 ePKP 37 13.20 0.5	PRNI 151.34	276 ePKP	49 07.40	3.6X
					RMN 151.68	277 ePKP	49 07.90	3.5X

31d 20h

CSS 153.26 286 ePKP 49 12.50 6.1X
S.D. = 1.4 on 18 of 28 obs.

% DEC 31, 1992 20h 52m 58.62±2.73s
44.940 N ± 7.3km 6.732 E ± 21.6km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 2.0 (GEN).

RRL 0.04 118 P 53 01.89 0.9
S 53 03.12
BHB 0.39 104 P 53 06.74 0.1
S 53 11.63
RSP 0.43 60 P 53 07.70 0.3
S 53 13.33
PZZ 0.51 149 P 53 08.98 0.0
S 53 15.89
LSD 0.60 30 P 53 10.77 -0.1
S 53 18.27
S.D. = 0.6 on 5 of 5 obs.

DEC 31, 1992 21h 04m 40.52±0.19s
19.522 N ± 3.0km 64.472 W ± 3.4km
DEPTH = 33.0km (normol)
4.8mb (27 obs.)

VIRGIN ISLANDS (91)

LPR 1.79 228 iP 05 09.30 -0.4
CPD 2.01 223 iP 05 12.60 -0.2
SJR 2.12 229 iP 05 14.00 -0.4
APR 2.39 244 iP 05 17.80 -0.3
PORP 2.52 235 iP 05 19.30 -0.7
LRS 2.56 242 iP 05 20.00 -0.6
MGP 2.90 239 iP 05 23.90 -1.5
NEV 2.98 142 eP 05 27.49 0.9
CPB 3.13 126 eP 05 31.91 3.2X
BPA 3.50 134 eP 05 32.50 -1.5
MGH 3.52 142 eP 05 34.00 -0.2
PAG 4.37 142 eP 05 45.50 -1.0
S 06 39.00
FDF 5.72 146 eP 06 04.50 -1.0
CRM 5.83 144 eP 06 07.30 0.2
BIM 5.95 146 eP 06 07.30 -1.4
TRN 9.31 161 eP 06 56.24 0.8
GUAN 9.58 187 eP 07 00.90 1.6
TPP 9.60 162 eP 06 56.16 -3.4X
OLLA 9.71 194 eP 07 00.20 -1.0
TOV 10.96 209 eP 07 20.00 1.8
SDV 12.14 210 eP 07 36.50 2.1
BMG 14.93 215 eP 08 04.00 -7.2X
BOG 17.51 214 eP 08 46.00 1.7
CEH 20.78 325 eP 09 20.34 -0.9
CBN 21.73 332 eP 09 31.00 0.1
e 13 35.00
PSO 22.14 216 eP 09 35.00 -0.6
ZOB0 35.77 186 P 11 37.80 -1.5
LPB 36.00 186 P 11 42.00 0.9
BAO 38.51 154 Pd 12 01.90 0.0
BDF 38.58 154 Pd 12 02.00 -0.4
ULM 39.51 328 eP 12 11.50 1.8
FCC 44.70 339 eP 12 54.50 2.6X
ARUT 46.11 304 eP 13 03.76 0.0
GLA 46.71 297 (P) 13 09.50 1.2
LCCM 46.86 315 eP 13 07.90 -1.6
GSC 48.51 300 eP 13 23.60 1.1
BONR 49.95 304 eP 13 34.00 0.2
NEW 50.99 317 eP 13 40.08 -1.1
0.6s 16.66nm 5.2mb

MDZ 52.28 185 eP 13 40.00 -11.1X
ORV 52.59 305 eP 13 53.29 -0.1
DCN 55.09 38 eP 14 12.50 0.9
DMU 55.45 37 eP 14 14.80 0.7
EKA 57.91 36 P 14 32.00 0.4
1.6s 43.30nm 5.3mb
LPF 58.04 45 eP 14 32.50 -0.1
1.2s 14.30nm 4.9mb
GRR 58.20 45 eP 14 33.70 0.0
1.2s 18.15nm 5.0mb
FLN 58.48 44 eP 14 36.00 0.2
1.2s 17.55nm 5.0mb
MFF 58.51 47 eP 14 36.40 0.4
1.2s 23.20nm 5.2mb
TIC 59.04 94 P 14 40.20 0.0
LIC 59.17 94 P 14 41.00 0.0
LPO 59.33 49 eP 14 42.00 0.3
1.3s 19.15nm 5.1mb
KIC 59.40 94 P 14 42.90 0.3

RJF 59.59 48 eP 14 43.30 -0.2
1.0s 10.60nm 4.9mb
LSF 59.64 47 eP 14 43.90 0.0
1.1s 11.50nm 4.9mb
TCF 60.12 47 eP 14 47.00 -0.1
0.9s 6.70nm 4.8mb
BGF 60.57 47 eP 14 50.00 -0.2
1.2s 10.70nm 4.9mb
AVF 60.93 47 eP 14 52.10 -0.5
1.0s 12.40nm 5.0mb
SSF 61.04 46 eP 14 53.00 -0.4
1.3s 15.90nm 5.0mb
SMF 61.26 47 eP 14 54.60 -0.3
1.3s 19.85nm 5.1mb
LOR 61.29 46 eP 14 54.60 -0.5
1.0s 8.20nm 4.8mb
LBF 61.36 47 eP 14 55.00 -0.6
1.2s 8.35nm 4.7mb
ENN 62.77 42 eP 15 06.00 1.2
0.7s 3.00nm 4.5mb
HAU 62.99 45 eP 15 05.10 -1.3
1.1s 6.85nm 4.7mb
LPL 63.26 48 eP 15 07.90 -0.7
1.3s 7.20nm 4.6mb
LPG 63.28 48 eP 15 08.30 -0.4
1.2s 8.05nm 4.7mb
BSF 63.28 46 eP 15 07.60 -0.9
0.8s 2.70nm 4.4mb
WTS 63.37 41 eP 15 10.00 1.2
0.8s 5.00nm 4.7mb
NAO 66.00 31 P 15 26.80 1.1
0.9s 6.90nm 4.8mb
GRF 66.17 43 eP 15 28.00 0.9
KHC 67.74 44 eP 15 37.40 0.3
GEC2 67.85 44 ePc 15 37.20 -0.6
0.7s 1.37nm 4.1mb
PRU 68.30 43 eP 15 44.20
FBA 69.68 333 eP 15 47.86 -0.8
0.8s 4.00nm 4.5mb
IMA 72.03 335 eP 16 01.73 -1.2
0.7s 3.86nm 4.5mb
SVW 73.67 330 eP 16 11.50 -1.0
MLR 76.63 46 ePd 16 32.50 2.6X
BCAO 81.95 88 iPc 17 01.30 2.2
0.7s 6.00nm 4.7mb
ic 17 10.90
id 18 43.50
ARMA 145.66 244 iPKPd 24 19.20 1.4
0.7s 16.00nm
CAN 146.57 235 ePKP 24 21.40 2.3X
BWA 147.31 236 ePKP 24 23.20 2.9X
TOO 148.32 229 ePKP 24 24.50 2.7X
0.7s 11.00nm
RMQ 148.70 251 ePKP 24 27.80 5.1X
0.7s 18.00nm
BFD 150.58 228 ePKP 24 31.70 6.5X
S.D. = 1.0 on 70 of 82 obs.

* DEC 31, 1992 21h 24m 49.18±0.72s
31.408 S ± 14.6km 178.874 W ± 14.5km
DEPTH = 10.0km (geophysicist)
4.6mb (7 obs.)

KERMADEC ISLANDS REGION (177)

RAO 2.30 21 P 25 28.00 0.3
S 26 00.50
ARMA 25.30 265 eP 30 25.10 7.6X
0.8s 9.00nm 4.5mb
BWA 27.56 255 iPd 30 37.50 -0.7
i 30 51.60
RMQ 28.69 272 eP 30 52.00 3.5X
1.0s 25.00nm 5.0mb
TOO 29.89 248 eP 30 54.70 -4.5X
STK 33.53 259 eP 31 32.40 1.2
0.9s 2.30nm 4.1mb
ASPA 42.32 268 eP 32 44.80 -0.2
1.3s 10.50nm 4.4mb
WB2 43.39 274 eP 32 53.10 -0.6
0.5s 20.80nm 5.2mb
WRA 43.40 274 P 32 54.50 0.7
0.9s 1.90nm 3.9mb
SPA 58.76 180 iPd 34 49.90 0.3
1.2s 36.62nm 5.4mb
KAF 145.24 339 iPKP 44 24.30 -3.6X

0.6s 7.30nm
OBN 145.54 324 ePKP 44 25.00 -3.6X
1.0s 35.00nm
e 44 37.00
NUR 146.99 339 ePKP 44 30.60 -0.2
BCAO 148.57 215 iPKPd 44 33.00 -1.8
0.5s 13.00nm
ic 45 11.10
NAO 149.89 351 PKP 44 34.80 -0.6
0.9s 2.80nm
KIC 154.48 166 PKP 44 45.00 1.6
S.D. = 1.1 on 11 of 16 obs.

% DEC 31, 1992 21h 28m 04.33±0.96s
39.270 N ± 8.0km 28.704 E ± 9.8km
DEPTH = 5.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

DST 0.34 350 iPg 28 11.20 0.0
iSg 28 16.20
KCT 1.01 345 iPn 28 23.70 -0.3
ALT 1.11 101 ePn 28 25.10 -0.7
KHL 1.14 146 iPn 28 26.50 0.3
BNT 1.24 331 ePn 28 28.00 0.1
EDC 1.26 329 ePn 28 28.00 -0.1
YLV 1.39 21 ePn 28 30.20 -0.3
EYL 1.71 40 ePn 28 36.00 1.0
S.D. = 0.6 on 8 of 8 obs.

DEC 31, 1992 21h 32m 43.12±0.78s
39.643 S ± 4.8km 176.850 E ± 7.4km
DEPTH = 104.4 ± 9.7 km
NORTH ISLAND, NEW ZEALAND (159)

TTH 0.10 350 Pc 32 56.40 -1.1
TEHZ 0.35 185 P 32 59.00 0.3
WAHZ 0.39 261 P 32 57.60 -1.3
TAHZ 0.51 350 P 32 58.40 -1.4
MOH 0.56 24 P 32 59.20 -0.8
PAHZ 0.80 12 P 33 01.40 -0.7
WHH 0.81 340 P 33 01.20 -1.1
MAHZ 0.92 61 P 33 04.50 1.2
PGZ 1.07 204 Pd 33 06.40 1.5
NGZ 1.07 295 Pc 33 05.20 0.1
CNZ 1.10 293 P 33 05.50 0.1
NOZ 1.38 42 P 33 09.30 0.8
URZ 1.40 8 P 33 08.30 -0.4
S 33 24.10
MNG 1.43 227 Pd 33 10.20 1.0
TAZ 1.43 349 P 33 09.20 0.1
BSZ 1.49 263 P 33 11.90 2.1
MTW 1.83 214 P 33 15.00 0.8
KIW 1.92 230 P 33 16.40 1.1
MOZ 1.96 305 Pc 33 15.90 0.1
S 33 37.10
CAW 2.00 222 P 33 17.10 0.7
BLW 2.02 211 P 33 17.50 0.9
WLZ 2.02 331 P 33 17.00 0.3
MRW 2.28 225 P 33 20.50 0.5
HBZ 2.34 30 P 33 21.20 0.4
TCW 2.51 231 P 33 23.40 0.2
DIW 2.52 242 P 33 23.50 0.2
QRZ 3.51 249 P 33 36.70 0.0
THZ 3.67 233 eP 33 38.50 -0.5
KHZ 3.74 221 eP 33 39.10 -0.6
S 34 20.50
WCZ 4.19 331 P 33 47.20 1.2
DSZ 4.37 240 eP 33 47.90 -0.7
LTZ 4.67 226 eP 33 50.90 -1.7
S 34 42.30
MOZ 5.14 216 eP 33 57.10 -1.8
eS 34 51.30
ODZ 7.09 218 eP 34 24.10 -1.7
WBZ 41.32 286 eP 41 00.40 40.4X
0.3s 2.50nm
S.D. = 1.0 on 34 of 35 obs.

* DEC 31, 1992 21h 37m 47.79±0.79s
31.984 S ± 11.8km 177.753 W ± 14.0km
DEPTH = 10.0km (geophysicist)
5.2mb (10 obs.)

KERMADEC ISLANDS REGION (177)

RAO 2.73 357 eP 38 31.30 -1.1
eS 39 06.50
HBZ 6.47 209 eP 39 19.50 -5.9X

NOZ	7.46	206	eP	39	32.80	-6.4X
URZ	7.54	212	eP	39	32.70	-7.7X
			eS	40	56.90	
MMCZ	16.53	214	eP	41	34.90	-6.4X
DZM	17.18	301	iPc	41	54.00	4.5X
ARMA	26.20	265	eP	43	26.50	2.0
CNB	27.51	254	eP	43	37.00	0.6
	1.0s	30.00nm			5.0mb	
CAN	27.80	254	eP	43	39.30	0.2
BWA	28.34	256	eP	43	41.20	-2.7X
RMO	29.66	272	eP	43	56.30	0.5
	0.7s	23.00nm			5.1mb	
TOO	30.57	249	eP	44	02.80	-1.0
	0.9s	29.00nm			5.1mb	
		e	47	02.30		
CMS	30.89	261	eP	44	06.70	0.1
	0.4s	4.00nm			4.7mb	
BFD	32.93	250	eP	44	23.30	-1.1
	1.0s	35.00nm			5.2mb	
STK	34.36	259	iPc	44	36.50	-0.4
	0.6s	9.50nm			4.9mb	
ADE	36.23	253	eP	44	51.60	-1.3
WB2	44.38	274	iPd	45	58.00	-2.3X
	0.4s	114.70nm			6.1mb	
		e	46	10.40		
WRA	44.39	274	P	46	18.00	17.6X
	1.1s	3.20nm				
WARB	48.49	262	eP	46	29.40	-3.4X
CSY	53.85	208	eP	47	12.20	-0.5
	0.7s	27.80nm			5.4mb	
SPA	58.19	180	iPc	47	54.10	9.9X
	1.0s	35.00nm			5.4mb	
NVL	77.31	183	eP	49	43.00	-0.6
	1.8s	32.00nm			5.1mb	
		e	50	07.00		
		e	50	16.00		
		e	50	50.00		
MAIO	133.01	292	ePKP	57	06.00	0.7
		e	00	35.00		
KAF	146.11	340	iPKP	57	27.50	-0.5
	0.6s	13.50nm				
OBN	146.57	324	ePKP	57	30.00	1.1
	1.2s	110.00nm				
		e	57	45.00		
		e	57	51.00		
		e	58	18.00		
NUR	147.87	339	iPKP	57	32.00	1.2
	0.9s	53.20nm				
NAO	150.60	351	PKP	57	40.60	5.5X
	0.9s	10.00nm				
HFS	150.83	348	ePKP	57	41.20	5.8X
	0.9s	17.30nm				
HR1	151.83	282	ePKP	57	49.60	11.7X
DS1	151.89	278	ePKP	57	49.20	11.3X
MBH	151.96	274	ePKP	57	49.60	11.4X
BHL	151.97	283	PKP	57	43.00	4.9X
LIC	153.49	164	PKP	57	47.60	7.0X
KIC	153.68	164	PKP	57	48.40	7.5X
TIC	153.89	163	PKP	57	49.60	8.4X
	S.D. = 1.0	on 16 of 35 obs.				
% DEC 31, 1992 21h 41m 52.58±1.00s 39.266 N ± 8.6km 28.744 E ±11.9km DEPTH = 10.0km (geophysicist) TURKEY (366) MD 2.8 (ISK).						
DST	0.35	345	iPg	41	59.20	-0.6
			iSg	42	04.20	
KCT	1.03	343	iPg	42	11.70	-0.3
KHL	1.12	147	ePg	42	13.50	-0.2
			eSg	42	27.50	
BNT	1.26	330	ePn	42	17.00	1.0
EDC	1.27	328	ePn	42	16.00	-0.2
YLV	1.39	20	ePn	42	17.70	-0.3
EYL	1.69	39	ePn	42	23.00	0.6
	S.D. = 0.7	on 7 of 7 obs.				
DEC 31, 1992 21h 56m 29.55±11.97s 18.713 N ±71.4km 65.690 W ±71.8km DEPTH = 33.0km (normal) PUERTO RICO REGION (90)						
LPR	0.44	203	iP	56	39.00	-0.3
CPD	0.70	198	iP	56	42.20	-0.9
SJG	0.74	216	iP	56	43.30	-0.3

APR	1.02	255	iP	56	47.50	0.0
PORP	1.11	234	iP	56	49.00	0.1
LRS	1.17	249	iP	56	49.50	-0.2
MGP	1.50	242	iP	56	54.60	0.1
TOV	9.72	205	eP	58	51.90	1.6
SDV	10.88	207	eP	59	06.20	-0.2
	S.D. = 0.8	on 9 of 9 obs.				
* DEC 31, 1992 22h 13m 58.81± 0.75s 31.414 S ±14.7km 178.798 W ±16.3km DEPTH = 10.0km (geophysicist) 5.1mb (4 obs.) KERMADEC ISLANDS REGION (177)						
RAO	2.29	20	eP	14	37.00	-0.1
			eS	15	05.00	
WCZ	7.28	230	eP	15	50.80	3.0X
URZ	7.61	205	eP	15	41.50	-10.9X
			S	17	06.10	
NOZ	7.64	199	eP	15	41.40	-11.4X
ARMA	25.36	264	eP	19	33.50	5.8X
RMO	28.75	272	eP	20	02.00	3.3X
	0.8s	15.00nm			4.8mb	
TOO	29.94	248	eP	20	08.50	-0.8
ASPA	42.38	268	iPc	21	54.80	-0.4
	0.7s	8.50nm			4.6mb	
WB2	43.45	274	iPd	22	04.30	0.5
	0.3s	20.90nm			5.4mb	
WRA	43.46	274	P	22	04.80	0.9
	0.7s	1.60nm			3.9mb X	
SPA	58.76	180	iPc	23	59.90	0.7
	0.7s	25.39nm			5.4mb	
KAF	145.26	340	iPKP	33	33.90	-3.7X
OBN	145.59	324	iPKPd	33	36.00	-2.3X
	1.2s	48.00nm				
NUR	147.02	339	ePKP	33	39.30	-1.2
BCAO	148.60	215	iPKPd	33	43.00	-1.5
	0.9s	9.00nm				
		ic	34	06.10		
NAO	149.90	351	PKP	33	46.20	1.2
	0.6s	1.10nm				
HFS	150.09	347	ePKP	33	46.20	0.9
	0.4s	1.10nm				
KIC	154.46	166	PKP	34	04.00	11.0X
	S.D. = 1.1	on 10 of 18 obs.				
% DEC 31, 1992 22h 39m 52.81± 0.86s 42.518 N ± 7.4km 13.279 E ±13.2km DEPTH = 10.0km (geophysicist) CENTRAL ITALY (381)						
AQU	0.19	151	Pc	39	56.80	-0.2
			eSg	39	59.70	
ASS	0.72	321	P	40	06.10	-0.8
			eSg	40	17.00	
RMP	0.83	211	P	40	09.20	0.4
SDI	0.90	154	P	40	10.10	-0.1
			eSg	40	24.20	
ARV	1.01	346	P	40	12.70	0.7
			eSg	40	28.10	
	S.D. = 0.9	on 5 of 5 obs.				
% DEC 31, 1992 22h 46m 48.16± 0.61s 33.298 S ± 8.7km 70.513 W ±11.9km DEPTH = 90.0km (geophysicist) CHILE-ARGENTINA BORDER REGION (127)						
FCH	0.19	99	iPd	47	01.85	0.0
			iS	47	12.72	
PEL	0.21	317	iP	47	01.67	0.1
			iS	47	11.76	
PCH	0.32	180	iPd	47	02.41	0.4
			iS	47	12.98	
TACH	0.50	225	iP+	47	03.17	0.0
			iS	47	14.56	
ROCH	0.53	308	iP	47	03.74	0.1
			iS	47	15.71	
JACH	0.62	354	iP	47	04.02	-0.2
			iS	47	16.57	
CHCH	0.64	190	iP	47	04.17	-0.3
			iS	47	17.20	
LCCH	0.90	258	iP	47	07.16	0.1
			iS	47	21.56	
LNV	1.00	229	iP	47	07.83	-0.2
			iS	47	23.01	
	S.D. = 0.2	on 9 of 9 obs.				

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				X									XXXX				X	X	
AAE				XX			X		X				X	X			XX				X			X	X			X	X					
AAI	X	X	XX	XX	XX	XXXX	X	X	XXXXXXXXXXXXXXXXXX	XX	X	XXXX				XX	XXXXXXXXXXXXXX	XXX	XXXXXXXXXX	XX	XXXXXXXXXX	XXX			XXXXXX	XXX		XXXXXXXXXX	X	X	X	X		
ABH		X	X	X	X	X			X	X	X	XX	X		XXXX	X	XX	X		X		XX	X			X		X				X	X	
ABHA		X							X		X		X			XX				X		X	X		X	X	X		X	XX			X	
ABL	XXXXX	X															X																	
ACO	X		X	XXX	X		X	XX	X	XXX	X	X	XX	X	XX		X	X	XXX		X	X	X	XX	X	XXX	X	XX		XXXXXXXX	X	X	XXX	
ACTO				X				X					X				X					X	X	X			X	X	X	X	X	X		
ACX			X	X		XXXXXX	X			X	X	XX	XXX	X	X	XX	X	X	XX		XX	XX	X	XX		XXXX	X	X						
ADE	XX	X	X	X	X	X		X	X	XX		X	X	XXXX	XXX	X	X		XX		XXX	XX		X	X		XXX	X		XX	XXXXXX	X		
ADK	X		X			X		XX					XX	X	XX	X		X	XX	X	X	XX	X	XX	XX	X		X	X			X	XX	
AFR							X	X		XX	X		XX		X		X		XX		XX	XXXX		X	X		XX					X	XX	
AGG	XX	XX	X	X	X	X	XX	X		XX		X	X	X	XXX	X		X	X	X	XX	X	X	XXXXXXXX		XXX	XXXXXX				XX	X	XX	
AGO				X	X		X	X	X													X												
AGX							X									X					X		X				XX							
AIA	XX				X	X	X	X		X				XXXX	XX	XX	X	X	X	X	XX		X	XXXXXX	X	X	XXX	X	X	XXXX	X	XX	XX	
AKU			X		X			X	XX				X				X				X							X					X	X
ALJ			X	X											X	X		X					X	X				X					X	X
ALN	X	X		X	X	X	X		XX			XX	X	XX	XXX	X	X	X	XX		XXXXXXXX	X		XXX	X	XX		X	X	XX			X	X
ALO	X	X	X	X	X	XXXXX	XXX	XX	XX	X	X	XXXXXX	X	XXXXXX	X	XX	XX	XX		XXXX	XX	X	XX	XXX	X	XX		XXXXXXXX	X	XX	X	XX	XX	XX
ALT						X	X	XX	XX	XX		XX	XX	X		X	XX	XX		X	X		X	XXXX	XX	XXXXXXXXXXXX	XXX	XXX				XXXXXX		
AMW	XX	X		X	X	X	X	X	X	X																								
ANM													XXX	X	XX	X		XX	XXX															
ANN				X		X	X	X	X		X	X	XX					XX			XX	X			X			X	XX	X	X		X	X
ANT	X	XX	XX	X	XXXX	XXXXXXXX		XXXXX		XXXXX	X	XXXXX	X	XXXXX	X			X	X		X	XXXXX	X	X	X	XX	X	XXX	XX	X	XXX	X	XX	
ANTZ	X		X	X			X	X			X	XX		X	X			X	XX		XXX		X	XX	X	X		X	X	X	X			
AOMJ	X				XX	XX	X	X	XX		X		XXX				X	X			XX		X	X	X		X	X	XXX	X	X	XX	X	
APA			X			X	X	X		X					X	XX		X			X		X				X	X	X				X	
APO				X	X										X	XXX					X						X	X	X					
APR			X	X	X			X	X		X	X	X	XX	X	X		XX			X	X		XX	X		X	X			XXX	X	X	XX
AQU	X	XX			X	X	XX		XX	XX	X	X	X		XX	XX		XXX	X		XX	X	X	X	X	X	X	X	X	XX		X	X	X
ARA0	XXX	X	X	X	XXX	XXX		X	XXX	XXX	XXXXX			X	XX	X	X	XX	XXX				X	X	X	X	X		X			X	XXX	
ARE	X	XXX	XX	XXXXX	X	X		X	XX	XXX	XX	XXXXXXXX	XX	XXXX		X	X	XXX		XX	X	X	X	XXXX	X		XXXX	XXXX	X	X	X	X	X	X
ARMA	X	XXX	XXX	XXX	X	XX		X	XX			XXX	XXXX	XXXX	X	XX		XXXXX		XXXX	XXX		X	XX	XX	X		XXXXX	XXXX	X	XX	XXXX		
ARN	XX	XX		X	X	XX		XX	XXXX	X	XX	XXXXX	X	X	XX	X		X	X		XX	XXXX	X		XXXX	X		XXXXXXXX	X	X	XXXX			XXXX
ARO		X			X	X		X									X				X			XX	X	XX		X	X					
ARU	X	X	X	X	X	X	XX		XX	XX	X		X	XX		XXX	X	XX		XXXX		XX	XX	X	X	X	X	X	X	XXXXXXX	XX			
ARUT	X	XXXXXX	X	XXXXXX	XXX	X	XX	XX	XX	XXX	X	XX					X	XX			X	XX	X	X	X	XXXXX	XXXXX	X	XXXXXXXXXX	XXX		X	XXXX	
ARV	X	XX	XXX		X	X	XX	X	XXX		X	X	XXX	XXX	X	XXX	X	X	XX	X	X	X	XX	XXX	X	X	X	X	XX	X			X	X
ASAJ	X			XX	XXXXX	X	XX	XXX	XX	XX		XX	XXXX	XX	X	XXX		XXXX		XXXX	X	X	XXX	X	X		X	X	X	XXXX	X	XX	XX	X
ASH			X		X	X		XX	X	X	X	X	XXXX	XXX	XX		XXXX		XXXX	X	X	X	X	X	X		XXX	XXXXX	X	X			XX	X
ASK		XX		X	XX		X		X	X		XX			X	X	X	XX			X	XX					X						X	
ASPA	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			
BDV	X	XX		X	X	X	XXX	X	X		XX			XX		X	XXXX	XXX	X				X	XX	X	XX	XX		X		X			
BFD	X	X	X	XXX	X	X	X	X	XX	XX	X	X		XXX	XXXX	X	XXXXXXX	XXX	XX	X	X	XX	X	X	XX	X	XX	X	XX	XX	XXXXXX			
BFS	X	X	X		XX	X	XXXXX	X	XXX		XXX	X	X	XX		X	X																	
BFT	X	X	XXX	X		X	X	XX	X	XXX	XXXXXXXX	XX	X	XX		XXXXX	XXX	XXX													XX			
BGF	X	XXX	X	XX	XX	XXXX	X	XXX	XXXXX	XXXXX	XXX	XX	XXX	XXX		XX	XX	XXXXXXX	XX	XXXX	XXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX			
BGL	XXX	X	X	X	XX	X	XXXX	XX	XXXXXXXX	XXX	XXXXXXXX	XXXXX	X	XX		XX	XXXX	XXXXX	X	X	XXXX	XX	X	XXX	XX	X	XXX	XXXX	XXXX	XXX	XXX	X		
BGMT		X		X		X	XX				X					X															XX			
BGR		X	X	X	X	XXXX	XX	X	XXX	XX		XXX	XXX	XX	X	X	X	X	X	X	XXX		X	XX	X	X	X	X	X	XX	XX	XX		
BHB	X	XX		X	X	X	XX	X	X	X	XXX	XX	X	X		XX	XX	XX	X	X	X	X	X	X	XX	X	X		XXX	XXX	XX	X	X	
BHG	X	X	X	XX	X	XX	X	X	X			XX		X	X		X			XX	X		X	X	X		XX	X	X		XXX	X		
BHL	X	X	X	XX	X		X	X		X	XXX	XXX	X	X	X		XX		X	XXX		X	X	X		X	XX	X	X	X	X	XXX		
BIM		X		X		XX	X	X	XXX	XX						XX	XX	XX	X	X	X	X	XX	X	XX	X	X	X	X	X	X	X		
BIP	XX	X	XXXXX	X	X	XX	XX	XXXXX	XXXX	XXX	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXXX	XXXXX	XXXX	XXXXX	XXXX	XXXXXXX	X	XXX	XXXXX	XXX	XXXXX	XXX	XXXXXXXXXXXXXXXXXXXX	X							
BJI	X	X	X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXX	X	XXXXXXXXXXXX	XXXXXXXX	XX	XXX	XXXXXXXX	XXXX	XXXXXXX	XX	XXXX	XXXXXX	XXXX	XXXXXXX	XX	XXXX				XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX		
BKM	XXXXX	XXXX	XXXXXXXXXXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXXXX	X	X	XXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	X	X	XX	X						
BKS	X	X		X	X	X	XXXX	X			XX	X	X	XX							X	XX	X		X	X	XX	XXX		X		X		
BLA		X		X	X	X	X	X				XX	X	X						X	XX	X	X	X	XX		X	XX	X					
BLE		X	XX	X							X	X	XX	X						X	XX	X												
BLF	X	XXXXXX	X	XX	XXXXXX	X	X	XX		XXX	XX	XXXXXXXX	XX	X	XX		XXXXXX	XXX	XXX	X	XX	X	X			X	X	XXXX	X	XX		XX	X	
BLW	XX	X	X	X	X	X	X	X	XXXX			X	X	XX	XXX	X	X			X	X		X	XX	X	X	XXX	X	X	XX	X	XX	X	
BMA	X	X		X	X	X					XXX	X		XXX	X																			
BMG		X		X	X			X	X			X	X	X		X	X	X	XXX				X	XX	X	X	X	X	XX	XXX	X	XX	XX	
BMR				X			X	XX		X		X	X			XX			XXX	X			XX			X	X					X		
BMW	X	X	X	X	X		X					X	XX						X	X			X		X	XX				X	XX			
BNI	X		X		X	X	X				X	X	X	X	X	XX	XX	X	XX	X	XXXX	XX	X	X	X	XX	X	X	X	X	X	X	X	
BNS	XX			X	X	X	X				XXX		X			XX			XX	X			X		XXX	X	X	X	X	X	X	X	X	
BNT		XX	XX	XXX	XXXX	X	X	XXXXXX	X	XXX	XXX	X		XX	XX	XXX			XX	XXX	XXX	XXXXXX	X	X	XX	X	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XX	
BOB	X	X	X	X	X	X	X	X	X		X	XX	X	XX	X		XX	X	X	X	XX	XX	X	X	X	X	X	X	X	X	X	X	X	
BOD	X	X	X	XXXXX	X	XX	X	XX	XX	X	XX	XXXX	XXX	XX		XXXXX	XXXXX	X	X	X	X	X	X	X	XX	XXXX	XXXX	XX	XXXX	X				
BOG	X		XX		X	X	X	X		X	X	X	X	X		X	X	XXX	X		XXX		X		XXX	X	XX	X	XXXXX	X	XX	XX		
BOM					X		X					XXX	X		XX				X	X	X	X	XX											
BONR	XXXXXXXX	X	XXXXXXXX	XX	XX	XXXX	X	X	XXXX	XXX	X	XX	X	X	XXX	X	X		X	XXXX	X	XXXXXXXX	XXXXXXXX	X	XXXXXXXXXXXX	X	XXXXXX		X	XXXXX				
BPA		X	X	X			XXX			X		X				X					X											X	X	
BRD		XX	X		X																			X	X	X	X	XX						
BRG	X	XXX	XX	XXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	X	XXXXXXXX	X	XX	XX	XXXX	XXXX	XX	X	XX	XXXX	XXXX	XX	X	XXX	XXXXXX	X	XXXX	XXXXXXXXXXXX	XXXXX	XXXXXXXXXXXX	XXXXX	XXXXX	XXXX	XXXX	XXXX	XXXX	
BRK	X	X	X	X	X	X	XXX	XX		X	X	X	X			X	X			X			X	X	X	X	X	X	X	X	X	XX	XX	
BRNL				X	X	X	X				X												X									X	X	
BRS	X	X		X	X	X	X	XX	X	XX	X	XXX	X	XXXX	X	XXX			X	XX	X		X	X	X	XXX	XXX	X	X	X	X	X	X	
BRT	X	XX		X	X	X	X			XXX	X	X				XXX			XXX	X	X	XX					XX							
BRU		XX		XX				X	X			X			X	X					X	X	X	X								X	X	
BRVK	X	X	X	X	XXX	X	XX	X	XX	XX	X	XXXX	XX	X	XX		XXXXX	XXXXXXXX	X	XX	XX	X	X	X	X	XXX	XXXXXX	XXXXX	XXXX	XX	X			
BRW		X	XX	X	X	XX	X	XX	X			X	X	X					X	XX	X	X	X	XX	X	XXX	XXXX	X	X	XX				
BRY	X	XX	X	X	X	X	XXX	X	X		XX		XX	X		XXXX	XXX	X		XXXX	XXX	X	XX	X	XX	XX	XX	XX	X					
BSD	X				X	X	X								X																		XXX	X
BSF	XX	X	X	XXXX	XXXXXXXX	XX	XX	X		XXX	XXXX	XXX	X	XX		XXXXX	XXXXXXXX	X	X	XXXXX	XXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
BSI	X		XXXXXX	X	X	XX	X				XX	X		X	XX	X	XXXXX								X	X		X	XXX					
BSZ	X	X	X	X	X	X	X	XX		X	X	XXX	XX	XXX	X	XX	X			X	XX	X	XX	X	XXX	X	XX	XX	X	X				
BTH	XX		X	X	X	X	X	XX	XX	XX	X	X	XX	XX	XX		X	X	X	X	X	X	X	XX	X	XX	X	XX	X	X				
BTO	X	X	X	X	XXXXXXXX	XX	XXX	XX	XX	X	X	XXXXXX	XXXX	X	XX		XXXXX	XXXX	XXX	X	XXXX	XX	X	XXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
BUC					X							X			X				X		X												X	
BUD	X		X	X	X	X	X				XX	XX				X	X	XX	X	X		XX			X	X							X	X
BUL	X	X	X	X	XX	X	XX	X	X	X	XX	XXXXXX	XXXXXXX	X		XXXXXX	XXXXXXXX	X	X	XXXXX	X	X	XXXXX	X	XXX	XXXXX	X	XXXX	XX	X				
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BWA	X	X	X	X	XX	X	XXX	X	XX	X	XXX	XXXXX	XXX	X	X		XXX	X	XXXXXX	XX	XXX	XX	XXX	XXX	XXX	XXXX	XXXX	XX	XXX	XXX	X			
BWZ	X	X		X	X	X	X	X			X	X	X	XX	X		X	X		XX	XX	XX	X	XX	X	X	X	X	X					
CACH			X	X	X	XX	X	XX	X	XXXX	X	X		X		X	X		XXX	X	X	XX	X	XX	XXXXXX	X	X	X						
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CALA	XXX	X		X	X		X				X		X																					
CALN	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	XX	X	X	X	X	X									X	X
CAN	X	X	X	X	XXX	X	XXX	X		XXX	XXXXX	XXX	X	XX			XX	X	XXXXXX	X	XX	XX	XX	XXX	XXXXXXXXXX	XX	XXX	XXX	X					
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CBM	X	X										X	X	X					X	X	XX	X	XXXX	X	XXX	XXX	X	XX	XX	X				
CBN	X										XX								X	XX	X	XX	X	XX	XX	XX	XX	X	X	X				
CCB		X	X	X	X	X	X	XXX	X	X	XXX	X	XX	X	X				X	X		XX	X	XX	XX	XX	X	X	X	X				
CCH	XX	XXX	XX	XXXXX	X	XXX	X	XX	X	XX	XXXXXXXX	XXXXX				XXXXXX	XXXXX	XX	XXXXXX	X	XXXXX													
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CDD	XX	XX	X	X	X	XX					X	XX																						
CDF	XX	XXX	X	XXXX	XXXXXXXXXX	XX	XXXX	XXXXXX	XX	XXXX	XXXXXX	XX	XXXX	XX	X	XXXX	XX																	

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CHTO	X			X			X	X			X									X		X	X	X					X			X		
CIN	X		XXXX		XXXX	XXXX	XXXXXX			XXX	X	XX	X	XXXXXXXXXX		XXXXXXXXXX	XXXX	XXX	X	XXXXXXXXXX	XXXX	XXXX	XXX		XXXX	X	XXXX	X	XXXX	X	XXXX	XX		
CIR		X	X			X						XX	XXX	XX	XX		XX	XXXX	X	X	X	XXX	X		XXX	X	X		XXX	X	X	X		
CIT	X	X		X	XXX	X	XX	X	XX	X	X		XXXX	XXX	XX	XX		XXXXXX	XXXX	X	X	X	X	X	X	X	XXX	XXXXXX	XXXXX	XXXX	X	X		
CKI	X		X		XX		X	XX		X	X		X	X			XX		X	XXXX	X	X					X	X	X			X		
CKL		X	X	X		XXXX	X	X	XXXXX	XX		XXX	XXX	XX	X	X	X		X	X	X	X	XXX		X	X	XX	X	X	XX	XXX	XX		
CKN		XX	X	X	X	XXXX	X	X	XXXXX	XX		XXX	XXX	XX	X	X	X		X	X	X	X	XXX		X	X	XX	X	X	XX	XXX	XX		
CKT		XX	X	X	X							XXX	XXX	XX	X	X	X		X	X	X	X	XXX		X	X	XX	X	X	XX	XXX	XX		
CL1				XX	X	X	X	X																										
CLL	XXXX	X	X		XXXXXX	X	XXXXXXXXXXXXXX		XXXX	XXXXXXXXXXXXXX		XX	XXXXXXXXXX	XXXX					XX	X	XXXX	XX	XXX	X	XX	X	X		XX	X	XXXXXXXXXXXXXXXXXX			
CLLP									X		X								XXX	X	X		XX											
CMB	X	XXX	X		XXX	XX	X		XX	XXXX	X	XX	XXXX	XXX	X	X	X	X	XX	XXXX	X	X	XXXX	XX	XX		XXXXXXXXXX	X	X		XXXX			
CMCZ	XX	X			X		X	XX		X		X		X	X				X	X	X	X	X	X	X									
CMP			XX			X	X	X	X	XX	X		XXXX	X	X	X		XX	X	XX	X	X	X	XX										
CMS	X	X		XX	X		XX	X	XX	XX		XXX	XXXXXX	XXX	XXXX		XXX	X	XXXX	XX		X	XX	XX	X	XX	XXXX	XX	XXX	XXXX	XXXX	XX		
CN2	X	X		XXXXXXXXXX	XXXX	XX	XXX	XXX		XXX	XXXXX	X	XXX	X	XX	X	XXXXX		XXXX	XX	X	XXXX	XX	X	XX	XX	XXX	XXXXX	XXXXXXXXXX	XXXX	XX	X		
CNB	X	XX		X	XXXXX					XXX	XXXX	XXX	X	XX		XX	X	XXXXX		XX	XXXX	X	XX	XX		XXXXXXXX	X	XXXX	XX	XXXX	XX	X		
CNCB	XXXXXXXXXXXXXXXXXXXXXXXXXXXX									X	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX																						
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CNZ	X	X		X		X	X	X	XX			X	X	X	X	XXX		X	XX		X			X	X	X	XX	X	X	X	X		X	
COE	XX	X			XXX	XX		XX	XX	X		XXX	X		XX		X	X																
COLF			X	X											X				X															
COOL	X		X	X	XX	X		X	X	XXX	X		X	X	XXXXXX		X	X	XXXXXX	XXXX	X	X	X	XX		XXX	XX	X	XXXX	XX	X	XXX	X	
COP				X		X	X	X				X		X	X		XX		X	X					X									
COZ			XX	X		X	X	X											X						XX		XX		X					
CP2		XX		X	X	X	XX	X	XXXX	XX	XXXXXXXXXX	XX		XXXXXXXX	XXX	XXX	XX		XXXX	XX	XXXX	X		X	XXXX	XX	X	XXX	XXXX	XXXX	XX	X	XX	
CPA		XX		X	X	X	XXXX	X	X	X	XXX	XX		XXX	XXX	XX	X	X	X		X	X	X	X	XXX		X	X	XX	XXX	XX			
CPB			X	X		X			X	X									X															
CPD		X		X	X	X			X	X				X	X		XX	X	XX	X					XX	X				X	XXXXX	X	XX	
CRE	X	XX		X		XX	XX	X	XXX	X			XXX		XXXXXXXXXXXXXXXXXXXXXX		XXXX	X	XX		X	XXX	XX	XX	XXXX	X	X						X	
CRM		X		X		X	XX	X	XXX		XX						XX	XX	XX		X	X	XX	X	XX	X		X	X	X	X		X	
CROR																					X	X												
CRP		XX		X	X	XXXX	X	XXXX	XX	XX	XX	X	X		XXXXXX	XXXX	X	X		XXXXXX	XXXX	X			XX	X		XXX	XXXX	XXXX	XX		XX	
CRPM		XX		X	X		X	XX	X	X	XXXX	XX		XX	XXX	XX	X	X	X		X	X	X	X	X		XX	X	X	XX	XXX	XX		
CROM			X	X	X		X	XXX	XXX	X			XX	X	XX	X					X				X		XXX	X	X	XXX	XX	XX	X	
CRZF	X			X			X	XXX			XX	X		X	X	X	X		X	XX	XX				XX	X	X	X	XXX	XX		XXX	X	
CSS		XX	X		X	X	XX	X	XX	X	X	XX	XX		XXXXX		X	XXX	X	XXXXXX	XXXX	XX		X	X	X	X	XXXXXX	XX		X	XX	X	
CSY	X				XX		XXX	XX					XXX	X	X					X	X	X		X	X	X		X	XX	X	XX	X	X	
CTA		X	X		X	XXX	X	XXX	X	XX	X		X	X	XXXX		XXX	X	XX	XX		XXX	X	XX	XX	X	X	XX	XXX	XXXX	XX	X	X	X
CTAO		X			X			X	X				X						X		X	X	X	X	X	X	X	XX	XXX	XXXX	XX	X	X	X
CTB																					X													
CTGM				X	X	X		X		XXX		XX	X	XX	X		XXX	X	X	XX	X						X	XXXX		XX	XX	XX	X	
CTI		X	X		X	X	X		X			X	XXXX		X		X	X	X							X	XXX		X	X		X	XX	XX
CTT								X	XXXXXXXXXX	X							X	XX		X	X	XX	XX	X	XXX	XX		XX	XXX		X			
CUM		X				X						X	X						X															
CUT				X		X		X	X		X		X																					
CVA		X		X	X	X		XX	X	XXXX	XXX	X		XX	XX	XX	X		X	X														
CVL					X	X	XX	X					XXX		X		X		XXXX		X	X	X	X	XXX	X		X	XX	X				
CVO				XX	XX	X	X	X								X	XXX				XX				XXX	XX	X		XXX	X	XX			
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DAG	X		X		XXXX	XXXXXXXXXXXXXX	XXX	XXX	XX	XXX	XXX	XX	XXXX	XXX	XX	XXX	X	XXXXXXXXXXXXXXXXXX		XX	XXX	XXXX	XX	XXXXXXXXXX	X	XXX								
DAU	X	X	XX		XXX		X	X		XX	X	X	XX	X	XXXX		X	XX	XX	X	XX	X	XX	X	X	XXX		XXX	XXX					XXX
DAV		X		X	X	X		X	XX				XXXX	X	X	XX		XXXX	X	X	XX		X	X	X		X	X	XX	XX	X	XX	X	
DCN	X	X	XX		XXX	XX	XX	XXX				X	X		XX	X				X	X	XX	X	X	XXX	X		XXXX	XX	X	XX	X	XXX	X
DEG		X	X		X	X	XXX	X	X	XXXXXXXX	X	XX		X	X	X		XX	XXX	XX	X													
DEV		X		X	X				X	X	X		XXX		X	X	X		XX		XXXX		X	X	XX	X	X		XXX	X		X	X	
DFR		XX		X	X	X	X	XXXX	XX	X	XXXX	XX		XXX	XXX	XX	X	X	X					X	X	XXX		X	X	XX		XXXX	XX	
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DHR			X			X	X	X					X					X		X		X						X	XX					X
DIM										X	XX							X	X									X	X					
DIW	XX	X		X		XX	X	X	X	XX		X		XXXX	X	XXX		X	XX	X	X	X	XXX	XX	X	X	XX	X	XX	XX		X	XX	XX
DIX		X		XX		XX		XX				X	X					XX	X		XX	X	X	X	X		XXX	X	XX	X	X	XX	XXX	
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DMK		X		X	X	X		X	X		XXXX		X	X	X	X	XXXXX		X	XX	XX	XX	X	XX	XXX	X	X	X	X	X	XX	XX	X	
DMN	XX	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXX													XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX	
DMU	X		XX	XX																														

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ITU				X	X	X	X	X	X	XX				X			X	X	XX	X			XX	X		X	XX					X		
IYA	X	X	X		X	X	XXX	X		X		XX		XX		X	XXXX	XXX	X				X	XX	X		XX	XX		X		X		
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JAQ	X			X	XXX					X								X																
JCW			X	X														X													XX			
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KBS				X		X	X				X	X			X		X		X	X	XX													
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KDS																																		
KDZ			X	X	XX	X		X	X		XXXX	X	X			X	X		X	X		X	X					XXXXX	XXXXX		XXX	XX	X	
KEK		XXX		X	X	X	X	X		X		X	XX	X			X			X	XXX		XX	XX			X	X		X	X	X		
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KHZ	XX	X	X	X	XXX	X	XXX	X	X	XXX		XXXXX	XXXXXXXXXXXXXXXXXX		X	XX	XX	X	XXXX	XXXX	XX	XXX	XX	XXX	XX	XX	XX	XX	XX	XX	X	X	XX	
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KIW	XX	X		X	XXX	XXX	X	X	XXXX		XX	XXXXX	XX	XXX		X	XX	X	X	XX		XXX	XX	XX	X	X	XX	X	XX	XX	X	X	XXXX	
KKB			X	X	X	X		X	X		XXXX	X	XX		X		XX	X																
KKM	X	X	X	X	X	X		XX	X			XXXX		XXX	X	XX		XXXXXX	XXX	X	XX	X	X	X	X	X	X	X	XX	XX	X	X	X	
KKN	X	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX																															
KLB	X	XX		X	XXX	X	XX	X	X	X	XXX	X	X	XXXX	X	X	XXX	X	XXX	XX		X	X	X	X	X	XXX	XXXX	XXXX	XX	XXXXXXXX	X		
KLD			X	XX			X	X		X																								
KLI		X			X	X							XXXX																					
KLM							X						XX	X		X																		
KLU	XX	X	X	XXXX	X	XX	X	XXXXXXXXXXXX				XXX	XXX	XXXXX	XXXX					XXX	XXXX	X	X	XX		XX	X	XXX	X	XX	XXXX	XXXXXXXXXX	XXX	X
KMI	XX	X	XX	X	XXXXX	X	XXX	XX	XXX	XX	X	XXXXXXXXXX	X	XXX	X	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	X	XX	XXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KMPM	X	XX	X		X	X	X		XXX					XX	X					XX	X		X	X		X	XX	X	X			XXX	XXXX	
KMR	X						X							X							X	X					X	X					X	
KMTA		X			X	X	X	X	X	X	X					X		X			X	X	X		XXX	X		X	XX				X	
KMY	X																	XX									X	X	X			XXX	X	
KNA	X	XX	X	XXX	XXXXXXXXXX	X	XX	X	XXXXXX		XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KNIM		X	X	X		X	XX		XXXX	XX		XXX	XXX	XX	X		X				X				XX	X	XX	X	X	X	XX	XXXX	XX	
KNK	XX		X	X	X	X	XXXX	X	XX	XXXXX	XX		XXX	XXX	XX	X	X		X						XX	X	XXX	X	X	X	XX	XXXX	XX	
KNT	XX	XXXXXXXXXX	X	X	XXXX	X	XXXXXXXX	XX	XX	XXXXXXXX	XXX		XX	XXXXXXXX	XXX	XX	XXXXXXXX	XXX	X	X	XXXXXXXXXXXXXXXXXXXX	XXXX	X	XX	X	XXX	X	XX	XXXX	XXX	XXXX	XXXX	XXXX	
KOD					X	X		X	X	XX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KRI				X				X				X	XX	X	X		X	X			X	X		X	X									
KSH		X	X	X	XX	XX	XX	X	X	X	X	XXXX	XX	X	XX	XX	XXXXXX	XXXXXX	XXXX	X	XX	X	X	X	X		XXX	XXXXX	X	XXXX	XXX			
KSL							X		XX		X						X	X									X	X	X			X		
KSP	XXXX	X	XX	XXXX	X	XXXXXXXXXX	XXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XX		XXXXX		XXXXX	XXXX	X	XX	XXXX		X	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX		
KSR		X	XXX		X			XX	XXXX		XXXXXX		XX		X					X	XXX	X	X											
KTH		X	X		X	X	X	X	XXXXX	X	XX		XX	X	X																			
KT1K	X	X	X	X	XXXXX	XXXX	X	X	XXX	XXX	XX		XXXXX	X	X	X	XXX	XXX	X		X		X	X	X		X	X		X	X		XXXX	
KUG		X	X																															
KUMJ	X	X	X		XX	X		X	X	XX		XXXXXXXXXX	XX	X	X		XX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KUPT		X	X			XX	X																											
KUR				X	XX		X	X	X	X		X	X		X					X	X													

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			
LBFM	X	XX	X	X	XXX	XX	X	X	XX	XXX							X			X	X	X	X	X	X	X	XXXXXX				X			
LBL				X	X		X	X									X			X		X				XX	X	X						
LCCH				X	X	X	XXXXXX	X	XXXX	XXXXXX	X	X	X	X	XX		X	X	X			XXX	X	X		XXX	X	XXXXXX	X	XXX	X	XXXX		
LCCM	X		X				XX										X				X	X	X	X	X	XX	X	XXXXXX	XX	XXXXXXXXXXXXXX				
LDF	XX			X	XX	X	XXXX	XX	XX	XXXX	XXXXX	XXXX	XXXXX	X	X			XXXXX	X	X	XXXX	X	X	XX	XXX	X	XXXX	XXXXXX	XX	XXXXXX	X			
LDN			X	X	X		X						X							X	X	X		XX			X	X	X	XX	XX			
LESF			XX	X			X										X			X		X	X				X							
LFF	X		X	XX		XXX	X	XXX	X	X	XX	XX	X	X				XXXXX	XXXX	XXXX	X	X	XX	X		XX	XXXX	XXXXXX	XX	XXXX				
LGPM	X	XX	X	X	X	XX	X	X	XX					XX	X					X	XX	X		XX	X	XX	XXX	XXXX		X	X	XXXX		
LHS	X		X	X	X	X	XX	X	X	X			XX	X	X	X		XXXX		X	X	X	XX	XXX	X	X		X	X	X				
LIBD	X			X			X	X									X	X		X	X		XX	X		X	X	X	X			X		
LIC	XX	X	XXXXXXXXXXXX		XXX	XXX	XXXXXX	XXXXX	XXXXXX	XXXXX	XXXXXX	X	XXXXX			XX	XXXXXX	XXX	XX	XXX	XXX	XX	XXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX			
LIT	XX	XXXXX	X	X	X	XXXX	X	XXX	X	X	XXXX	X		X	X	XX	XX	XX	X	XXXXXX	X		XXXXXXXXXX	XX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
LJU	X	X		X	X	X	X	X	X				XXXX	XXX	X																		X	
LLA	X	X		X	X	X						XXX	X	XX								X	XXXX	X									X	
LLAV					X	X	XXXX	X	X	X			XXX	X												XX							XX	
LLS	X			XX	X	XX		XX				X	XX	X			XX	X		XX	X	XX	X	X	X	XXXX	X	XX	X	X		XX	XX	
LMEM	X	X	X	X			X					X	X		XX						X	X			X	XX							X	
LMN	X		X	XX	X	X	XX	X	X			XX	XXXXXX	XXXX	XX	X					XXX	XX	X	XX	XXX	X	X	XXX	XXX	X	XX		XXXXX	
LMR	XX	X	X	XX	X	X	X	XX	XX			X	X	X	X	XXXX	X	X	X		XXX	X	X	XX	XXX	XX	X	X	XXX				XXXXX	
LMZ	X			X	X	XX	XX	X	XX			X	X	X						X	X	XX	X	XXX	X	X		XX					X	
LNO	X	XX	X	X	XXXX	XXX	XXX	XXX	X	XXX	XX	XX	XXX	XXX	XXXXXX	XX	XXXXXX	X	XXXXX	X	XXXX	X	X	XXXXXXXXXX		XX	XXXXXXXXXX	XXX	X	XXXX				
LN02	X	X	X		X		XX	XXX	X			X	X	XX	XXX	X				X	XX	X	XXXXXXXXXX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
LN03	X	X		X		XX	XXX	X				X	X	XXX	X					X	X		X	X	X	XX	XXXX							
LNV				X	X	X	XXXXXX	X	XXXX	XXXXXX	X	X	X	XX	X	X	X	X	X				XXX	X	X	XXX	X	XXXXXX	XXX	X	XXXX			
LOE	X	X	X	X	X	X	X	X	X			X	XXXX	X	XX	X	X	XXXX	XXX	X	X	XXX	X	X	X	X	XX	XXX	X	XX	XX	XX	X	
LOF				X			XX	X						XXX						X			X											
LOMF	XX		X	XX	X	X	XX	XX				XX	XX		X				X	XX	X	X	X	XX	X	X	XXXX	X	X					
LON	X	XX	X	X	XX	X		XX				X	X	X	X	XX	X	X		X	XX	X	X	X	X	XX	X	XX	XX				X	
LOR	XX	XXX	X	X	XX	X	XXXXXXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XX	XX		XXXX	XXXX	X	XXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			
LPA								X											X	X	X		X			XX								
LPB	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	
LPF	X	X	XX	X	XXXXXX	XX	XXXX	XXXX	XXXXXX	XXXX	XXXX	XXXXXX	XXXX	X			X	XXX	X	XXX	XXXX	X	XX	XX	X	XXXX	XXX	XXXXXXXXXXXX	XXX	XXXXXX	XXXX	XXXX		
LPG	XX	XX	XX	XXXX	X	XXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXXXX	X	XXXX	XXXX	XXXX	XX	X	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LPL	XX	XX	XX	XXXX	X	XXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXXXX	X	XXXX	XXXX	XXXX	XX	X	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LPO	X	X	XX	XX	X	XXX	X	XX	X	XX	XX	XX	X	X	XX	X	X	XX	X	XX	X	XX	X	X	X	X	XXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX		
LPR			X	X	X			X				X	X	X	X	X	XX	X		XXX	X	X	XX	X	X	X	X	X	XXXX	X	X	XX		
LRCZ	XX	X		X	X	X	XX					X							X	X	X	XX	X	X	XX	X	XX							
LRG	XX	X	X	X	X	X	X	XX	XX			X	X	X	X	XXX	X	XX	X	XXX	X	X	XX	XXX	XX	X	X	XXX	X	XX	X	XX	X	
LRM	X	X	X	XXXXXXXX	XX	XX	XXX	XX	XX	X		XXX	XXXX	XXXX	X	X	X	XX	XX		XX	X	XX	XX	X	X		XX	X				X	
LRS																																		
LSA	X	X	XXXXXXXXXX		XX	XXXX	XXX	X	X			XXX	XXXX	XX	XXXX	XXX	XXXXXX	XXXX	XXXX	XXXX	X	XXXX	X	XXXX	XX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
LSCZ	XX	X		XXX	X	X	XX					X	X	X					X	X	X	XXX	X	X	XX									
LSD	X	X		X	X	X	XX	X	XX				X	X	X	XX	X			XX				X	X	X	XX	X	X	X	X	X	X	
LSF	X	X	X	XX	X	XXXX	XX	XXXX	XXX	X		XXX	XXX	XX	XX	X			XX	X	XXX	XXXX	XX	XX	XXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
LT1	X		X	X	X			XXX	XX			X							X	X			X	X	XX	XXX	X	X	XX	XXXX	XX	XXXX	XX	
LTZ	XX	X	X	X	XXX	XX	XXXX	XXXX				XX	XXXX	XX	X	XXX	X	X	XXXX	X	XX	XXXXXX	XXXX	XX	X	XXX	XXX	XX	XX	XX	X	X	XX	
LVNJ	X		X		X	X	X					XX			X				X	XX	XX	X	XX	XX	X		X	X	X					
LVV				X								X							X	X			X				X	X					X	
LWI	X	X		X	XXX	X	XX	X	X			XX	XXX	XX			X	XX	X	X	XX	XX		XX	X		X	X	XXX		XX	X	X	
LZH	XX	XX	XXXXXXXXXXXX	XXXX	XXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
MADF	X			X	X		X												X	X		X				X								
MAF	X	XXX	X	X	XX	XX	XXX	XXXX	X	X	X	XXX	XXX	XX	X			XX	XX	XX	XXXXXX	XX	XXXX	XXX	XXX	XXXX	XXXXXX	XXXXXX	X	XXXXXX	X	XXXXXX	X	
MAHZ	X	X	X		X	X	X		XXX				X	X	X	X	X						X		X	XX	X	X	X	X	X	X	X	
MA10	X	XXXXXXXXXXXX	XXX	XXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
MAK				X	X	X						X							X								X	XX	X					
MAL	X	XX	X		X	X						X											X	X	X	X	XXX	X	X	X	X	X	X	
MASJ		X	X		X	X						X	X	X	X	X			XX	X						X	X						X	
MAT	XXXXXX	XXXXXXXXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
MAW	X	X		X	XXX	XX	XX	XXXXXX	XXXX	XX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
MBH	X	X		XXX	XX	X	XX	X	XX	X	X	XXX					X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MBL								XXX	XXX	XXXXXX			XXXXXX	XXXX				XX	XX	X	XX	XXXXXXXXXXXX	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
MBO	X											X											X	X	X	XX	X	X						
MBU																																		
MCK		X	X		X	X	X	X	X	X	X	XXX		XX	X	X						X	X	XX	X	XX	XX	X	X				XX	
MCMT			X		X		XX					X						X	X				X				X						X	
MCNL	X	X	X	X	XX	X	XX		XX	XX		X	X	X	XX	X			X	X		X	X	X	X	XX	X	X	XX	XX			X	
MCO	X	X	X		X		X	X	X	X		XX	X	X																				

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		
MEQ	X	X	X	XX	X	XX	X	X	X	XXX	X	X	XXX	X	X	X	XXX	XXX	XX	X	XXX	XXX	XX	X	X	XXXXXXXX	XXX	X	XXXX				
MEU		XX		X	XX		X							X			X	XX		X	XX	X	XX		XX	XX							
MFF	X		X		X	X	XXX	XX	XX	X	XXX	XXXX	XXXX	X	XXX	X	X	X	XXX	XXX	XXXX	XX	X	XX	XX	X	XXX	XXXXXXXXXXXXXXXXXXXX	X				
MGD										X	XXXX		XX	XX				XXXX	XXXX	XX	X	X	X	X	X	X	XXX	XXXX	XX	XX	XX	X	
MGG				X	X		X	X	XX		XX			X	X			X	XX	X		XX		X					X	X			
MGH			X	X	XX	X	XX	X	XXXX		XX			X				X	X	X	X								XX				
MGP	X		X	X	X				X				XX	X	X				X	X	X	X	X	XX	X			X	XXXX	X	XX		
MGR	XXXX	X	X	X	X	XX	XXX				XXX			XXX	X			XX	X	X	XX	X	XX	X	X	X	XX	X	XX				
MHC				X	X	X		XX	X	X	XXX	X	X							X	X		X	X	X	XX	XX			X	XX		
MHZ	XX	X		XX		X	XX			X		X	X		X			X	X	X	XX	X	X	XXX		X		X					
MIAR	X	X	X	X	XXX	X	XX	XX	X	XX	X		X	XX	X	X	X	XXX	X	XXX	X	X	XX	XXX	X	XX	XXX	XXX	XX	X	X	XXXX	
MIM	X		X				X					X		X	X				X	X			X			X	X						
MIN	X	X		X			X	X				X		XX					X	X	X			X	X	XX	XXX						
MJMA		X	X			X	X		X	X	X		X	X				X	X	X	X			X		X	XX						
MKS	X	X	X	X	XX			X	X	X	X		XXXXXXXXXXXX	XXX	XX			XXXXXXXXXXXX	X	X	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXX		
MLR	XXXX	XXX	XXXX	XXX	X	X	X	X	XXXXXX	XXXXXX	X	XXX	X	X	X	X	XXX	XX	XXXX	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
MLY		X	X	X	X	X	X	X	XXX	X	X	X	XX	X	X											XX	XX	X	X				
MMB				X	X	X	X			XXXX	X			X			XX									X	X	X					
MMCZ	XX			XX		X	XXX			X		X	X		X			X	XX		X	XXX	X	X	X		X						
MME	X	X		X		X	X			X		X	X	XX	XX	X	X	X	XXX	XX	XX	XX	XX	XX	XX	XXX	X					X	
MMK	XX			XX			XX			X	X			X	X			X	X	XX	X	X	X	X	X	XXX	X	XX	X	XX	XXX		
MMPM	X	XX	X	X	XXXX	X	XX	XXXX	XX	XXXX	X	X	XX		X	X		XX	X	X	XX	XX	XX	XX	XXXX	XXXX	X	X	X	X	XX		
MNG	XXXX		X	XXXX	XXXXXXXX	XXXXXX		X	XXXXXXXX	XX	XXXX	X	XX	XX	X	XX	XX	XXXXXXXXXXXX	XXX	XXXXXXXX	XXXXXXXXXXXX	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXX			
MNI	XX	X	X	XXXX	XXX	X	XX	XXX	XXX	XX	XXXX	X	XX	XXXXXXXX	X	X	XXXX	XX	X	XX	XXX	X	X	XX	XXXX	XXXX	X	XX	XXXX				
MNK		X		X	X	XX	X	XX	X	X		X	XX	X			XX	X	XX	XX	X	X	X	X	X	X	XX	X	X	X	X	XX	
MNO							XX				XX			X	X			X	X	X	XX	X	XX		XXX	X							
MNS																																	
MOF	XX			XX	X	X	XX	X		XX	XX		X	X				X	XX		X	X	X	X	X	XXXX	X	X	X				
MOH	XX	X		X	X	X	X	XXX		X	X	X	X	X							X	X	X	X	XX	X	X	X	X	X	X	X	
MOL				X		X	XX	X					X	XX				XX	X	X				X		X	XX	X				X	
MOR7		X	X	XX	X	X	X	XXXX	X	X	X		X	X		XX		XX			X			X	X	X	X	X					
MORO						XX	X	X	XXX	XX		X	X	X	X	X											X	XX	X	XX	XX		
MOS	X	X	X	X	X	XX	X	X	X	X		X		X	X	X	XX		X	X	X	X	X	X	X	X	XX	X	XX	X	XX	X	
MOTA				X								X	X	X				XX			X												
MOW	XX	X	X	X	X	X	X	XXXX	X	XXXX	XX	XXX	X	XX	X	X	XX	X	X	XX	XX	XX	XX	XX	X	X	X	XX	X	XX			
MOX	XX	X	X	XXXX	X	XX	XXX	XX	XXXX	XXXX	XXX	XX	X	XX	X	XX	X	XX	X	XXXX	X	XXXXXXXXXX	X	XXXX	XXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
MOY	X	X	X	XXX	X	XX	X	XX		XXXX	XXX	XX		XXX	XXX			XXX	XXX	X	X	X	X	X	XXXX	XXXX	XXXX	X	X				
MOZ	XX	X	X	XXX	X	X	X	X		XX	X	XXX	X	XXX			XX	X	X	XX	X	XX	X	XXX	X	XX	XX	XX	X	XX			
MPA	XX	X	X	X	X	XX	X	XXXX	XXX	XX	XXX	XXX	XX	X	X			X	X	X	X	X	XXX	XX	X	XX	X	X	XX	XXXX	XX		
MQZ	XX	X	X	XXX	X	X	X	XX		X	XX	X	X	XXX			X	X	X	X	XX	X	XXX	X	X	XXX	X	X	X	X	X	X	
MRA	XXXX	X	X	XX	XXXX	XXXXXXXXXXXX	X	X	XX	XXXX	X	X	XXX	X	XXXX	XX	X	XX	XXX	XXX	XX	X	XXXX	XX	X	X	XXX	XX	X	X	XXXX		
MRCM	X	X	X	X	XXX	X	XX	XXX	X	XX	XXX	X	XX	X	X	X		X	X	X	X	X	X	XXX	X	X	XXX	X	X	X	XX	XX	
MRRJ	X			X	XXXX	XX	XX	X	XX	XX	XX	XXXX	X	X	X	XXXX		XX	X	X	X	X	X	X	X	X	XX	XX	X	X	XX		
MRW	XX	X	X	X	XXX	X	X	X	XXXX	XXXXXXXXXX	XX	XXX		X	XX	X	X	XXXX	XX	XXXX	XX	XXX	X	XX	XX	XX	XX	X	X	XXXX			
MRWA	X	XX	X	XXX	X	XXXX	X	X	XXX	X	X	XXXXXX	XX	XXXXXXXXXXXX	XXXXXX		XXXX	XX	XXXX	X	X	X	XXXX	XXXX	XX	XXXX	XXXX	XX	XXXXXXXXXX	X			
MRX		X	X	XX	XX	X		X	X		X			X	XX	X										XX	XX	X					
MSCZ								X		X	X	X						X	X	XX	X	X	XXX	X	X								
MSU	XXXXXX	XXX	XXXXXX	XXX	XX	XX	XX	XX	XXX	XXX	XX	X	XXXX	X	X	XX	X	XXXX	XX	XXXXXXXXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
MTA										X	XX	X		X				XX	X							X	X	XX	X	X	X	X	
WTHF		XX		X		X	X					X						X	X		X	X		X	X								
MTMJ	X	XX		X	XXX	XX	XX	X	XX	XX		X	XX	XX				X	XX		XXXX	X	XX	XX	X	XX	X	XX	X	X	XX	X	
MTN	X	XXXXXXXXXXXXXXXXXXXX	X	XXX	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	
MTU																																	
MTUM	X	XXX	X	X	XXX	XX	XX	XXXXXX	XXX	XXXXXX	XX	XXXX	XX	X	X	X	XX	XXXX	X		XXXX	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
MTUR				X	X	X	X	X		X																							
MTW	XX	X	X	XXX	X	X	X	XXXX		XX	XX	XXX	XX	XXX		X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	XXXX	
MUD				X	X	X	X			X	X																						
MUN	X	X	X	XXX	XX	X	X	XXX	X	X	XXXXXX	XX	X	XXXXXXXXXX	XXXXXX		XXXXXX	XXXXXX	X	XX	X					XX	XXXX	XXXX	XX	XXXX	X		
MVIF	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	XX	XX	X	X	X	X	X	X	X	X	X	X	X	X	
MVM	X	X	X	XX	X	X	XXX	XX										XX	XX	XX	X	X	XX	X	XX	XX	XX	X	X	X	X	X	
MZX																																	
NAI				X	X	X	X	X		X	XX	XXX	X	X				X	XXX	XXX	X	X	XX	X	XX	XX	XX	X	X	X	X	X	
NANU	X	XX	XXXXXXXXXXXX	X	XXX	XXXX		X	X	XX	X	XXXX	XX	X	XXXX	X	XXXX	X	XXXXXXXXXXXX	X	XX	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	
NAO	X	XXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXX	XX	XXXXXXXXXXXXXXXXXXXX	XX	XXX	XX	XXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	XXXXXXXXXXXXXXXXXXXX	X	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
NAV				X	X	X	XX	X		XXXX	X	X																					
NCG	XX	X	X	X	XXXX	X	X	XXX	XX	XX	XXX	XX	X																				
NCT	XX	X	X	X	XX	X	X	XXX	XX	XXX	XXX	X	X					X	X	X		X	X	X	X	XX	X	XX	XXXX	XX			
NDI	X		XXX	X	XXXXXX	XXXXXX	XX	XXXX	X	X	XXXX	XX	X	XXXXXXXX		XXXXXX	XXXX	X	X	XXXX	XX	X	XXXX	XX	X	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
NEA	X		X	X	X	X	X	X	X	X	X	X	X	X	X																		
NEV		X						X	X																								
NEW		X	X	X	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				
NRA0	XXX		X			X			X	XX		XXXX		X		X	X		XX	X			X			X	X		X		XX				
NR1	X			X	X	XXX	X		XX	X			XXXX		XXX	X	XX		XXXXXX		XX	XXXX	X	X		X	X	XXX	XXXX	XX	X	X	XX	X	
NR2									XX			X	X	X		XX						X	XX			X	X	X	X				X		
NST	X	X		X	X	X	X	X	XXX	XX	XX	X	XX	XXXX	XX	X	XX		XXXXXX	XXX	XX		XXX	X	XXX	X	XXX	XXXX	X	XXXXXX	XX	X	XX	X	
NTYM	X	X		XXX	X		X	XXXX				XX	X	X	X		X		X		X	X	X		X	X	X	XXXXXXX		X		XXXX			
NUR	XX		XX	XXXXXXXX	XXXXXXXXXX	XXXX	XX	X	XX		XX	XX	XXX	X	XX	XX		XXXX	XXXXXX	XXXXXX		X	XX	X	XX	X	XXXXXX	X	XXXX	XX	X	XX	X		
NVL	X	X	X	X	XX	X	X	XXXX	X		XX	XXXXX	XXXXXXXX		XX		XXXX		XXXX	XXX	XX	X	X	X	X	X	X	XX	XXX		XX	XXX	XX	X	
OBN	XX	XX	X	XX	XXXX	X	XX	XXX	XXX	XXXX	XX	XX	XXXXX	XXXXXXXXXX	XX		XXXX		XXX	XXX	X	XX	X	X	X	X	X	XX	XXXX	XXXXXXXXXXXXXXXX	XX	X			
OCO			X				X	X				X		X							X		X	X	X	X	X	X	X	X	X	X	X		
ODD1		X			X				X			X												X			X		X		XX	X			
ODZ	XX		X		XXX	X	X	X	XXX				X	X	X	X	XX	X		X	X		XX	X	XXX	X	X	XXX	X	XX	XX	X		X	X
OFUJ	XXX	X	X	XXXXXXXXXX	XX	XX	XX	XXX	XX		XX	XXXXX	XXXXXXXX	XX		XXXXX	XXX	X		XXX	X		XXX	X	X		X	X	XXXXXXXXXX	XXXX	XXXXXXXXXX				
OGA	X			XX	X	XX	X	XXX	X		X	X		X		XX	XX					X	X	X	X	X	XXXX	X	XX		XXXX				
OHR	XXXXXXXXXXXX	X	X	XXX	XXX	XX	X	XX	XXXXXXXXXXXX	X	XX	X	X	XXXX	XXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	X	XXXXXXXX	XXXXXXXX	X	XXXXXXXX	XXXXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXXXXXXXXX				
OJC	X	XX	XX	XXXXX	X	X	XX	XXXX	XX	XX	XXXXXX	XXXXXXXX		XXX	X	XX	X	X	XX	X	X	XX	X	X	X	XX	X	X	XXX	XXXX	XXXX	XXXX	XXXXXXXXXX		
OLLA		XX		X		XXX	XXX	XXXXX	X		XXXXX		X	X	X	X	X									XX	X	X	X	X		XX	XX		
OLY	X		X	X	X	X	XX	XX	XX	XX	X	XX	X	X	XX	X	X	X	XX	XXX	X	X	XX	XXX	X	XX	X	XXXXXXXX	X						
OPT	X		X	X		XX	X		X	XX		X	X	X	X	X	X	X		X			X	X	X										
ORO		X		X		X	X	XX			X		X		X		XX	X			XX		X	X	X	X	X	X	X		X		XXXX	X	
ORV	XX	XX	X	X	X	X	X	XX	XXXX		X	X	XXXX	X	XXXXXX		X	X	XX	X								X	X	X				XXXX	X
ORX	X	X			X	X	X	XX	X	XX			X	X	X	X												X	X	X	XX	X	X		
OSS	XX			XX	X	XX		XX				X	X	X		X		XXXX	XX	X	X		X	XXX	X	X	X	XXXX	X	XX	X	X	X	XXXX	
OUR	X	XXXX	XX	X	X	X	X	XXX	XX	X		XX					X	X		XXX	XXX	XXX	XXXX		XX	X	X	XXX	XX	XX	XXXX	XX			
OXX	X	X	XXX	XXXXX	X	X		XXXXX	XXXX	XXXX		XXXX								XXX	XXX	XXX	XXXX		XX	XX	X	XXXXXXXX	XX	XX	X	X			
PAB	X	XX	XXX	X		X		X	X	X	X	XXXXX	XXX		XXXX	X	X	XXX	X	XX		X	XX	X	X	XXX	X	XXXX	XX	XXXXX	XX	XX	X		
PAE							X		X	X		XX		X			X			XX	XXX		X												
PAG	X		X	X	X	XXX	X	X	X	XXX	XX	X	X		X	XXX	X	X	XX	X	X	X	X	X	X	X	XX		X	XX	X	X	X	X	
PAHZ	XX	X	X		X	X	X	X	XXX			X	X	X	X	X	X			X	X	X	XX	XX	X	XX	X	XX		X	X			X	
PAIG	XXXX	XX	X	X	X	X	X	XX	X	XX	X	XX	XXX	X	XX	X	X	X	X	X	X	XXXXXX	XX	X	XXX	X	XX	X	XXX	XX	XXXX	XXX			
PAX	XX	X	X	X	X	X	X	XXX	X	X		XXX	X	XX	X	X	X		X	X						X	XX	X	X	X	X	X	XX	XX	
PCC	X	X		X			XXXX	X	X	XX	X	XX										XXX	X			X	X	XX	XXX		X		X	X	
PCH			X	X	X	XXXXX	X	XXXX	XXXXXXXXXX	X	X	X	X	XX		X	X	X	X	X		XXX	X	X		XXX	X	XXXXXXXX	X	XXX	X		XXXX		
PCI	X			XX	XX	XXXX	XXX	X	XXXXXXXXXXXX							X		XXXX		X	XXX	XXX	XX							X	XX	X			
PCP	X	X		X	X	X	X	XX	X	X	X	X	XX	X				XX				X							XX	XX	X	X	X		
PDB	X		X	X	X	XX	X	XX	XXXX	XX		X	X	X	XX	X	X		X	X			X			X	XXX	X	X	X	XX	X			
PEC	XXXXXXXXXX	XXXXXXXXXX	XX	XXX	X	XXX	XX	XXXXXXXXXX	X	XXX	X	X	XX	X	X	X	X	X		XX	X	XX	XXXX	XXXXX	XXXXX	X	XXXX	XXX	XX	X	XX	XXXX			
PEL	X		XXX	X	X	XXXXX	X	XXXX	XXXXXXXXXX	X	XXXX		X	XXXX		X	XXX	X		XX	X	XXXX	X	XXX	X	XXXX	XXXXXX	XXX	X	XXXX					
PET	X		XX		X	X	XX	X		X	XX		XX	X			XXX			XX	X	X	X	X	X	X		X	XXXX		X	X	X		
PGB			X		X				XXX	XX					X	X		XX	X		XX					X		X							
PGC	X		X	X		X	X			X			X	X	X		X	X		X	X	X	X	X	X		XX						X		
PGD		X		X		X	X	X		X				X		XXXXXXXXXX	X	XX	X		X	XX	XXX	XX	XXX	X	X	X						X	X
PGF	XX	X		X	X	X	X	XX	X		X	X	X	X	XX	X	XX		XX	XX	XXXX	XXX	X			X	X						X	X	X
PGP	XXX	XXXXXXXXXXXX		XX	XXX	XX	X	X	XXXXXX	XXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX				XXXXX	X	XX	XXXX	X	XXXX	X	X	XXXX	XXXXX	XXXXX	XXXX	XXXX			
PGZ	XX	X	X	X	X	XX	X	XXXX		XXX	X	XXX	XXX	XXX		X	X	X		XX	X	X	XX	XX	X	XXXXX	X	XX	XXX	XX	X	X	X	X	
PHAM			XXX	X				X		XX	X					X				X	X	XX	X	XX			X	XX							
PICO	XXX	X		X	X	X				X		X				X																			
PII	X	X		X	X	XX	X	X	XX		X	X	XX	X	X		XX	XX	X	X		XX	X	XX		X	XX	X	X			X			
PIM			X	X	X						X					X		X	X							XX	X							X	
PIP	X	XX	XX	XX	XX	X	X	X	X	XX	XXX	XXXXXXXXXX	X	XXXX	XX	X	XXXX	X	XX	X	XXX	X	XXX	XXXXXXXXXX	X	XX	XXXXXXXXXX	XXXX	XXXXXX	XXXX	XXXX	XXXX	XXXX	X	
PJG		X		X	X	X	XX		X		X	XX		XXXXX	XX					XXX	X		XX	XX	X	X	XX	XX	X	X	XXXXXX	X	XX	X	X
PKEM		X	X	X	XXX	X	XX	XX	X	XX		XX	X	X	XX				X	XX	XXX	X	X		X		X						X	X	X
PKI	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX																XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
PLAT		X					X					X										X	X		X		X							X	
PLD								XXXX	X	X																									
PLDF			X	X	X	X	X															X													
PLE	X	XX	X		X	X	X	XXX	X	X		XX			X	XXXX	XXX	X		XXX					X	XX	X	XX	XX		X				
PLM	XXXXXXXXXX	X	X	XXXX	XX	XXX	X	X	XX	XXXX	XXX	XXXX	XXXX	X	X	X	X	XX	XX	XXXXXXXXXXXX	XXXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
PLP	X	XXXX	XXX	X	X	XXXX	XXXXXXXX	XXXXX	XX	XXXX	XXXXX	XXXXXXXXXXXX	XX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	X	XXX	XXXX	XXXXXX	XXX	XX	XXXX			
PLRM	XX	X	X		X	XX	X	XXXXX	XX	XX	XXX	XX	X	X	X					X	X			X		X	XXX	X	X	X	XXXX	XX			
PMG	XXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
PMO							X	X	XX	X		XX		X				X	X		XX	XXXX		X	X		XXX	X							
PMR	X	X	X	X	XXXX	XXXX	X	XXXXX	X	X		XXXXXXXX	XXXX	XXX			XXXXXX	XXX		XXXX	XXX	X	XXX	XXX	X	XX	XXXX	XXXX	XXX	XXX	XX	XX	XX	X	
PMS	XX		X	X	X	XXXX	XXXX	XXXXX	XX		XXXXXXXX	XXX	X	X	X		X	XXX			X	X	X	X	XX	X	XXX	XXX	X	XX		XXXXX	XX		
PNJ	X		X				X					X					X	X		X	X	X	XX	X			X							X	
POF	X	X	X	X	X		X					XXX	XXX	XX	X		XX	X		XX			X												
POO		X		X	XX	XXX	X	X	XX	XXXX	X	XX	XXXX	X	XXXXXXXX	X		XXXXX	XXXXX	X	XX	XXX	X	XX	XX	X	X	XXX	XXXXXX	XX	XXXXXXXX	X			
PORP	X		X	X	X		X		X	X	X	X	XX	XX	X	X	XX	X		XXX	X	X		XX	X	X	X	X	X	X</					

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				
PRZ		X		X			X	X	X	X			X	XX	XX	X		XXXX		X	X	X			X	X		XXX	XXXXX	X		XX	X			
PSO						X		X													X				X		X	X		XXX	XXXX	X		XX	X	
PSZ	X			X	X	XXX	XX	XX	X	XX	XX	X		XXXX	XXXXX	XX	X	XXXX		X	XX	XX	X	XXX	X	XX	X	X		X	XX	XXXX		XX	X	
PTE		XX		X	X	X		XX	X	XX	X	XXXXX	XX		XXX	XXX	XX	X	X	X		X	XXX		XX	X	XXX	X	X	XX	XX	XX		XX	XX	
PTI				XX						XX						XX				XX	XX								XX	X	X	X		X	X	
PTJ	X	X	X	X			X	XX	XX	X		X		XXXXX	XXXXXXXX	XX	X	XX	X		XX	X	XX	X	X	XXX	XX		XX	X	X		X	XXXX	X	
PUL						X		X	X	X						X				XX									X	XX	X		X	X	X	
PUZ															X	X	XXXX	X	XX	X		X	X	X	XXXX	XX	XX	XX	XXXXXXXXXXXXXXX	XXXX	X				X	
PV08	XX	X	X	XX		XXXXXX		X	XX	XX	XX	X	XXX		XX	X		XX	X	XX	X	XX	X	XX	XX	X	XXXX	XX	XX	XX		X				
PV09	XX		X	XX		XXXXXX	XX	XX	XX	XX	XX	XXXX		XXXXX	X	XX	X	X	X	X	X	XX	X	XX	XX	X	XXXX	XX	XXXX	XX	XX		X	X	XX	
PV10		X	X	X	XX		XXXX			XX	XX	XXXX	XXXXX	X	XXXX	XXXX	XX	XX	XX	X	XX	X	XX	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXX	X						
PVC	XX		X	X	XX	X		XX		X	XX			XX	XX			X		X		X	X	X	X		X	XXXX	XXXX	XXXX	X		X			
PVL				X		X	X		X	X		X				X				X		XX				X	XX		X							
PVY	X	X	XX		X	X		X	XXX	X		X		XX			XX		X		XXXX	XXX	X			X	XX	X	XX	XX		X				
PWA	XX		X		X	XX	X	X	X	XXX	X		XX	XXX	XX	X	X	X		X	X		X	X	X		XXX	XXXX	X	X		XXXX	XX			
PYA	X		X		X	X		XX	X	X	X	X		X	X	X				X	XXX	XXX	X	X	X	X	X	X	X	X	XX	XXXX	XX		X	
PYM				X		X		X	X	X										X								XX	X	X						
PZZ	XXXX			X	X	X	X	X	X	XXX	XX	XXX	X	X	X	X	XX	X		XXX	XX		XX	X	X	X	X	XX	X	X		XXX	XXX	XX	X	X
QASM			X	X			X						X	X		X		X																		
OCP		X		X		X	XX		X	X				X	X	XX		X			XXX	X		X	X	X			X	XXXX	XX		X	X	X	
QIS	X	XX		XXXXXXXX	XX		XXX	X	XXXXXXXX	X	XXXX		XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXX	XXXX	XX	XX	X			X	XX	XXX	XX	XX	X	XX	X	X	
QIZ	X					XX		X	XX	X				XXXX	XXXXX	XX		XXXXX		XXX	X	X	XXX	X	X			XXX	XXXX	XX	XXXXX	XX				
QLP	X	XX		X	X	X	X	XX	XX	XX	XX	X	X		XX	X				XX																
QRZ	XXXX	X	X	XX	XXX	X	X	X	XXXX		X	XXXXX	X	XXX	X	XXX	X	X	XXXX	X	X	X	X	XXX	X	X	XXX	XXX	X	XX	X	XX	X	X	X	
QUE		X	XX	X	XXX	XXX	X		XXXXXXXX	X		XXXX		XXXX	XXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXXXXXXXX	XXX	X	XXX	XXXXXXXXXXXXXXXX	XXX	XXX							
QVP	XX		X	X	XX		XX	X		X		XXXXX	X	XX	XXX	X	X		X		X	X	X	X		X			XXX	X		XXXX	X			
QZH	X				X			X	X	X			XXX	X			X	X	XX	XXXX	X	X					X		XXX	X	X	X	X	X	X	
RAB	X	X	X		X	XX	X	X	XX	XXX	XXX	X		XXX	XXX	XX	X	X		X	X	XX	X	X	XXX	X		X	XXX	X	X	X	XX	X	X	
RAGM		X					XX	XXXX	XXX	X		XX	X	XX					X	X						XX	XXX		X	X		XXX	XX	X	X	
RAO	X		X		X		X		X				X	X	XX					XX							X	XXX	XX		X	X	X	X		
RBL	X	X		X		X	X		X		XX		XXXXX	XXX	X			X	XX	X		XX	X	XX	X	X										
RDN				X	X		X	X	X		XX	X		X	X	X				X	X		X			X		XX	XX		X	X				
RDP		X			XXX			XX		X			X		X	X				X		X			X	X										
RDT			X	X	X		X	X	X	X	X	X		XX	X	XX	X			X					X		XX		X	XX		X	X	XX		
RDW	X		X	X	X	X	XX	X	X	X	XXX	XX		XXX	XXX	XX	X	X	X		X	X	X			X	X	XX		X	X	XX		XXXX	XX	
RED														XXX	XXX	XX	X	X		X	X								X							
REF	X		X	X	X	X	XXXX	X	X	XXXX	XX		XXX	XXX	XX	XX	XX	XX	X	X	X		X	X	X	XXX	X	X	XX		X	XX	XXXX	XX		
RES	XX	X		XXXXXXXXXXXX	XX	XXX	XX	XXXX		XX	XXXXXX	XXXX	XXXX	X		XXX	XX		XXX	XX		XXX	X	X	XX	XX	X	X	X	XXX	XXXX	XX	XXXXX	XXXX		
REVF	XX	X	X		X		X			X		X		X	X		X				XX		X													
RFA	XXXX	X	X	X	XXXXXX		XXXXX	XXXXXXXXXXXXXXXXXXXXXX		XX	X	XXXXXX		XXXXXX	X	XXXX	XXXXXX		XXXXXX	X	XXXX	XXXXXX		XXX	XXXXX	XX										
RFI	X	X			X								X						X	X	X						X									
RIV								X				X	XX	X		X			X		X	X	X		X	X		X	X		X			XX	X	
RIY	X	X		X	X	XX	X	X	XX	X			X	X		X	X		X	X	X		XX	X		X			X						X	
RJF	X		XX		XX	X	XXX	XX	XX	X	X		XXX	X	X	XX	X	X		XXXX	XXXX	XXXX	X	XX	X	X	X	XXX	XXXXXX	X	XX	XXXX	X			
RKG	X			XXXX	X		X	XX			X		XXXXX		X	X		X	XXX		X	X		X	X		XXX	X	XX		X	X	XX			
RLO	X	X	X				XX	XXX	X		X	X		X	XXX	X		XX			XX	XX		X	XXX	X	XX	X		XXXXX	X	X				
RMN							X						X	X		X											X	X		X	X	X			X	
RMP	X	X			XXX		X	X		X	X					X	X		XX	XX		XX	X	X		X	X		X						X	
RMQ	XXXX	XXXX	XXXX	X	XXXX	XXX	XXXX	XXX		XXX	XXXXXXXXXXXXXXXXXXXXXX		XXXXXX		XXXXXX	XXXX	XXXX		XXXX	XXXX		XXXX	XXXX	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
RMW	XXXX		X		X		X				X	XX	X	XX	X	X	X		X		XX	X	XX	X		X	X	X	XXX	XXX		XX	X	X		
RND		X		X		X	XX	X	X	X	XXX	X	XXX	X	XX	X	X			X	X	X		X	XX		X	X	X	X		X		XX		
ROB	XX	X		X	X	XX	X	X	X	XX		XX	X	X		XX	X		XX	XX	X	X		XX	X	X		X		XXX	XX		XX	X		
ROCH				X	X	X	XXXXXX	X	XXXX		XXXXXXXX	X	X	X	XX		X	X	X					XXX	X	X	XXX	X	XXXXXXXX	X	XXX	X		XXXX		
RPW		X	X																								X	X	X							
RRL	X	X		X	X	XX	X	X	X	XXX			X	X	X	XX	X		X		XX	X			X	X			XX	XXX	XX	X	X			
RS1		X		X	X	X	XX	X	X		XXX	XX		XXX	XXX	XX	X	X		X	X	X		X	X	XX		X	XX		XXX	XX				
RS2	X		X	X	X		XX	X	X	XXX	XX		XXX	XXX	XX	X	X		X	X	X			X	X	XX		X	XX		XXX	XX				
RSL			X			XX	X	XX								X	X		X		XX		X	X					X	XX	X			X	X	
RSM	X	XX				X		X		X						X	X	X		X	X	XX	X		X	X			X						X	
RSNY	X	X	X	X		XX	X		X	XX	X		X	XX	X	XX	X	X	X		XX	X	X	X		X	X		XXX	XXX	X	X	X	XX	X	
RSO		XX		X	X	X	X	XXX	XX			XXX	XXX	XX	X	X			X	X	X		X	X	X		X	XX		XX		XXX	XX			
RSP	X	X		X	X	XX	XX	X	X	XX		X	X	X	X	XX	X		X		XX	X		X	X	X			XX	XXX	XX	X	X			
RSSD	XX	X		XXX	XX	XX	X	X	XX	XX	X	XXXXXXXX	XX	XXXX	XX	X	XX	XX	X	XXXX	XX	X	XXX	XXX	X	X	X	XXXXXXXXXX	XX	XXXX	XX					
RTCB		XX		X	XXXXXXXX		XX	X	X	X	XX	XX		X	X	XX	X		XX	XX	X	XX	X	XX	X	X	XXXX	X	XXX		XXX					
RTCV			X		XXXXX		XXXXX	X	X		X	XX	XXX	X		XX	XXX	X									X	XX	X	XXX	XXX	X	X	XXX		
RTLL	XX	X	X	XXXXXXXXXX		X	X	X	XXXXX	XX	X		X	XX	X	X	XX	X		XX	XXX	X	X	XXX	XXX	XXXX	X	XXX	XXX	XXX	X	XXX			X	
RTPR	XXXX	X	X	XXXXXX		XX	XX	X		XXXXX	XX	X		XXXXXXXX	XX	XX				XXX	XXXXXX		XXXX	XXXX	X	XXX	X	XX	XXXX	XX	X			X	X	
RUP																																				

[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			
SVA	XX	X	X	X			X	X		X	XX	XXX	X	X	X		X	X	XX		X	X		X	X	X	X	XX		XX				
SVB	X		X		X		X															X			X	X	X	XX						
SVE	X	X	X	X	X	XX	X	XX	XX	X		XXXX	X	X	XX		XXXX	X	X	X	X	X	X	X	X	X	X	XXXXXX	X	X	X			
SVO	X	X	X	X	XXXXXXXX				XX	X	X	XX	X	XX	X	XX	XX	XX	XXXX	X	X	XX	X											
SVW	X	X	X	XXXX	XXXX	XX		X	X	XX		XXXXXXXX	XXXX	XXXX	XXXX		XXXXXX	X	X		X			XX	XX	X	XX	XXXX	XXXX	X	X	XX	XX	X
SWI	X	X														XXXX	XXX	XXX					XX									XX	XXXX	
SWZ	X	XX			XXX	X	XXXX	XX	XXX		XXX	X	X	XX			X	X																
SYI	X		X	X	X	XX	X	XX	X	XX		XX	X	X	X	X		X	X				X	X	X		X	XX	X	X	XX	XX	X	X
TAB	X			X		X	X	X		X		X	X		X		XXX			X	X							X	X		X	X		X
TACH				X	X	X	XXXX	X	XXXX		XXXXXXXX	X	X	X	X	XX	X	X	X	X			XXX	X	X		XXX	X	XXXXXX	X	XXX	X	XXXX	
TAU																																		
TAZ		X	X			X	X	X		X			XXX	X														XXXXXX	X	X	X	X	X	
TBH	X		X	X	X		X			X				XX				X			X	X	X	X			XX	XX	XXXX				X	
TBR	X		X				X					XXX	X	X				X	X	XXXX	XX	X	XX	XXX	X									
TBZ	X	X	X	X	X					X	X	X	X	X		X													XX				XX	
TCA	XXXXXXXX	XXXXXXXX			XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX			XXXXXXXX	XX	XXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XX		XXX	X	
TCE	X	X	X	X	X	X		X		X			XX																					
TCF	X	XXX	X	XX	XX	XXX	XX	XXX	X	XXX	XXX	XX	XXX	XX	XXX	X		XX	XX	XXX	XXXX	X	XXXX	XXXXXXXXXXXX	XXXXXXXX	XXXXXXXX	X	XXXX	X	XXXX	X	XXXX	X	
TCW	XX	X	X	X	X	X	X	XXXX		X	XXXXXXXX	XX	XXX		X	XX	X	X	XX	XXX	XX	XXXX	XX	XXX	X	X	XX	XX	X	X		XX	XX	X
TDS	X	XX		X	X	XX	XX	XX	XXX		X	XX		X	X		XXX		X	X	X	XX	X	XX	X	X	XX	XX	X		X		X	X
TEH			X	X	X	X	XXX		XX	X	X	X	X	X	X		XXXX	X		X	X		X	X	XX	XX	X	X	XX	X	X	X	X	
TEHZ	XX	X	X		X	X	X	XX		X																								
TGY	X	XX	X	X	XX	X	XX	X		X	X	XX	X	XXXXXXXX	X		XX	XXX																
THE	X		XX	X	X	X	X	XXXX	XX	X	X	XXX	X	X	XX		X	X	XXXXXX		XXX	X	X		X	X	X	XX	XX	X	X	X	X	
THY	X		X		X		X		X		X																							
THZ	XX	X	X	XX	X	XXX	XX	XXXX	X	XX		X	X	XXXX		X	X	XXXX	X	X	XXXX	XXX	XX	X	XXX	X	X	XX	XX	XX	X	X	XX	
TIA	X	X	XX	XXXX		XX	XX	XX	XX		XX	XXX	X	XX	X	X		XXXX	XXXXXX	X	XXXX	X	X	X	XX	XXXX	XXXX	X	XXXXXX	X	XXXXXX	X	XXXXXX	
TIC	XX	XXXXXXXXXXXX	XXX	XXX	XX	XX	XX	XXX	XXX	XXXX	X	XXXX	X	XXXX	X		XXXX	X	XX	XX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
TIK	X	X	X	XX	X	XX	X	XX	XX	X		XXXX	XXX	X	XX		XXXX	XX	X		X	X	X											
TIM			X	X		X		X										X	XX	X				X	X									
TIO	X	X	XXX	X		XXXX	X		X	X	XX	XX	XXXX	XXX	X	XX	XX	X	XXX	X	X	X	X	X			X	X	X	XX	X	X	X	
TIR	X	X		X	X	XX	XX					XX		X			XX	XXX	XXX	X	X		XX											
TIY	X	X	XXXXXXXX	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXXXX	XXXX	XX	XXX	XX	XXX	XXXX	XXXX	XXXXXX	X	XXX	X	XX	XXX	XXX	XXX	XXX	XXXX	XXXXXXXXXXXX	XXXXXXXX					
TKL	X		X	X	X	XX	XX	X	X	X		XX	X		XX																			
TKSJ	X	X		XX	X	X	XX					XXX	XXX	XX																				
TLC	XX	X		X		X		XX		X				X																				
TLG				X	X		X	X	X																									
TMA	X			XX	X	X		XX			X	XX	X		X		XX	X	XX	XX														
TNE	X	XX					XXXXXXXX		X	X	XX	X		XXXX		XXXX	XXXX	XX	XX															
TNP	XXXXXXXX		XXXXXX	XX		XX	XXXX	XX	XX	XXXX	XXXX	X	X	XX	X	X	X	XX	XX	XX	X	XXXXXX	XXXX			X	XXXX	XXXXXX	X	XXXXXX	X	XXXXXX		
TNR																																		
TNS	X	X	X	X		X		X		X		X	X	X		X	X	XX	X	X	X	XX	XX			X	XX	X	X	X	X	XXX	X	
TOA	X	XX	X	XXXX	XX	X	XXXX	XXXX	X	XXXXXX	XXXX	X	XXXX	XXXX	X	XXXX		X	X	XX	XXX	XX	XX			XX	XXXX	XX	X	XXXX	XX			
TOO	XXXX	X	X	XXX	X		X	X	XXXX	XXX	XXXXXX	XXX	XXXX	X	XXXX	XXXX											XX	XX	XXX	XXXX	XX	XXXXXXXX		
TOUF	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	XX	XX															
TOV	XXX	X	XXX		XX	XXXX	XX	XXX	XXXX	X	XXXXXXXXXXXX	XXXX																						
TPE	X	X		X	X	X	X					X																						
TPM			XXX	XXXXXX	X		XX	X	XX	XX	XX		X		X																			
TPNV												XXXX	XXX	X	XXXX	X	X	X	X	X	X	XX	X	XX	XXXXXXXX	XXXX		XXXX	XXXXXX					
TPP	X	X	X	X	X	X		X		X		X		XX																				
TPT																																		
TPX			X	X		X	X	XX	X	XX		X	XX		X	X	X	XXXX		X	XXXX		X	X			XX	X						
TRF	XX	X	X	X	X	XX	X	X	XXXX	X	XXX	XX	XX	X	X		X	X	X	X	XX	X	XX											
TRI	X	XX	X	XXX	X	X	XXX	XXXX	XXXX	XX	X	XXXX	X	XXX	XX	XX	XXX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	X	XXX			
TRN	X	X	X	X	X	X		X		X		X	X	XX																				
TRT	X	X	X	XXXX	X		XXXXXXXX	X	XX		XXXX		XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
TSM			X	X	X	X		XXX	X		XX	X	X		XX	XXX	X	XX	X	X	X	X	X											
TSRJ	X	X		XX	XX	XX	X	X	XX		XX	XX	X		X	XXX	X	XX	X															
TTA	XX	X	X	XXXX	XXX	XXX	XX	XXX	X		XXXX	XXXXXXXX		XXXX	X	XXXX	XX	X	XXXXXX	XX	X	XXXXXX	XX	X	XX	XXXX	XXXX		X	X	XX	X		
TTG	X	XX	X		X	X	XXX	X	X		XX		XX		X																			
TTH	X	X	X		X	X	X	XXX		X	X	X																						
TUC	X	X	X		XXX	XX	X	X	XX		X	XXX	XX	XX	X	X	XXX	X	XX	XX	XX	X	XX											
TUH																																		
TUL	X	X	X	X	X	X	XX	XXX	X	X	XXX	X	XX	X	XXXXXX	XXX	XXX	X	XXXXXX	X	XX	XXXX	X	XX	X	XXX	XXXX	XX	XX	XXXX				
TUZ	X	X		X	XX	X		XXX		X		X	XX		X		X	X	XX	X	XX	X	XX	X	XXX	X	XX	X		X	X			
TVO																																		
TWC			X		X		X			X		X	X		X	X																		
TWD			X		X		X					X	X		X	X																		
TWF1																																		
TWK			X		X							X	X		X	X																		
TWO																																		
TWZ																																		
TYNO			X																															

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			
UPP	X	X		X	X	XX	XX	X	X		X	X	XX	X	X	XX	X	X	XX	X		X	X		X	X	XX	X		XX	X			
URZ	XX	XXX	X	XXXX	XXXXX	X	XXXXX		XX	XXXXXX	X	XXXX	X	X	XX	XXXXX	XX	X	XXXXXX	XX	XXXXXX	XX	XXXXXX	XXXXX	XXXXXX	XXXXXX	X	X		XXX				
UYO	X		XXX	XX	XXX	XX	X	X	X	X	X	XXXX	XXX	X	X	XX	XX	XX	XXXX	XX	X	X	X	XXXX	XX	XX	X	XXXXXX	XXX		XXX			
UZH	X	X	X	X	X	XX	X	XX	X	X	X	XXX	XX	X	X		X	X	X	X	X	X	X	X	X	XX	X	XX	XXX	XX	X	X		
VAH						X	X	XX				XX					X	X	XX	XXXX		X		X		XX								
VAI	X		X		X	X	X	XX		X	XXXX		X	X			X	X	XX	X	XX	X	X	X	XX	X	X	X	X	X	X	XX	X	
VAO	XXX	XX	XX	X	X	X					XXXXX		XXXXX		XXXXX		XX	XXX	XXXX	X	XX	X	XXX		X	X	XX	XX	XX	XX	XX	XXXX		
VAY	X	XXXXXX	XXXXXX	XXXX	XXXX	XXXX	X	XXXXX	X	XXXXX	X	XXXXX	XX	XXXXX	XX	XX	XX	XXX	XXXX	XX	X	XXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XX	XXXX	XX	XXXX		
VBEM																																		
VBY	XX	X	X	XX	XX	XXX	XX	XXXXXX	X	X	X	XXXXX	XXXXX	X	X											X	XX	XX				XX		
VDL	XX				XX		X		XX			X	X		X	X		XX	XX	XX	XX	X	XX		X	X	XXXXX	X	XX		X	XXX		
VGB		XX	X		XX	XX		X	XX			X	X	X	X	XX		X	X		X	XX	X		X	X	X	XXX	XXXX			XX	X	
VHO		X								X						X	X	X							XX									
VIPM			X																															
VITF	XX				XX	X	X	XX	XX			XX	XX		X	X		XXXX		X	X	X	XX		X	X	XXXXX	X		X	X	X	X	
VKA	X	X		X	X	X	X	X				X		X	X			X	XX	X	X	X	X	XX		X	XXXX			X	X	X	X	
VLA																																		
VLI	X	X		X	X	X	X	XX	X	XX	X	XXX	X	XX	XXXX	X		X	X	X	X	X	XXXX		X	X		XX	X	X	X	X	X	
VLO	X	X		X		X					X	X					X	X		XXX	X	X		X	XX					XX	X	X	X	
VLS	XXX		X	X	X	X	XX	X	XX	X		X	X	X	XX	X			X	XXXX		XX	X		XX	X		XX	X	X	X	X	X	
VLZ		XX	X	X	X	X	XX	X	XX	X	XXXXX	XX	XX	XXX	XX	X	X		X	X	X	X	XX	X	XX	X	X	XX		XXXX	XX			
VOY	X	X		X	X	X	X	X	X	X		X	XXXX	X	XXX	XX																		
VRAC	XXXX	X	XXXX	XXXX	XXX	XXXX	XX										XX	XX	XX	X	X	XX	XX	XX	X	X	X	XXX	XX	X	X	XXX		
VRI	X	X	XX	XX	XX	XXX	X	X	X	XXX	XXXXXX	X		X	X	X		XXXXX	XXX	XXX	X	XXX	XX	X	X	XXXX	X	XX	XXXXXXXXXX	XX	X			
VTS		X	X	X	X	X	X				XXXX	X	XX		X			XX	XX	X		X	XX		X		X							
VUN	X		X					XXX	XX	XX	XXX	X	X	XXX				X	X	X	XXXX	X	X	X	XX	X		X	XX		X	XX		
VVO		X				XX	XXX					XX	XX	X				X		X	X	X	X	XX		X	X							
WAH2																																		
WAH3	XX	X	X		X	X	X	X	XXX			X	X	X	X	X			X	XX	X	XX	X	X	XX	X	XX	X	X	X	X	X	X	
WAJH				X	X	XX	XXXX	X				X	X					X	X	X	X						X	X	X	X	X	X	X	
WARB	X	XXXXXXXXXXXXXXXXXXXX	XX	X										X	X			XX	XX	XXXX	XXXXXXXXXX	XXXXXXXXXX	X	XX	XXXX									
WATA	X	X	X	XX	X	X	X	XXX																										
WB2	XXXXXXXXXXXXXXXXXXXX																																	
WCZ			XX	X		XXX	X	XX	X	XXX		X	X							X	X	X	X	XX	XX	X	X		X		XX			
WDC	X	XX	X	XX	X	X	X					XX	XX					X	X	XX	X	X	X	X	XX	XX	X	X	X	X	X	XX		
WEL	X	X	X		X	X	X					X	X	X	X	X					X	XX			XXX	X	X	X						
WET	XX	X	X	XXX	X	X	X		X									X	X	XX	X	X	X	XX	X	XX	X	XXX	X	X	X	X	X	
WHH	XX	X	X		X	X						X	X										X	X	X	X	XX	X	X	X	X	X	X	
WHN	X	X	X	X	XXXX	XX	XX	XX	X	XX	X	X	XXXX	XX	X	XX		XXXXXX	XXXX	XX	X	XXXX	X	X	X	XXX	XXXXX	X	XXXXX	XX				
WIN	X	X		X	X	X	XX	X	X			XXXX	XXX	XX	X			XX	X	XX	X	XXX		XX										
WIT	X			X	X	X	X	X	XX			X	X	X				X	X	X	X	XX		X	XX		XXX	X	X	X	X	XX	X	
WKYJ	X	X		XX	X	X	X	XX				XXX	XXX	XX				X	X	XX						X	X	X	X	X	X	X	X	
WLF	XX	X	XX	XXX	X	X	XX	X	XXX	XXX		X	X	XXX	XXX	X	XXX	XXXXX	XXXXXX	XX	XXXX	XX	XXXX	XX	XXXX	X	XXXXXX	XXXX	X	XXXXX	XXX	X	XXX	
WLS	XX			X	X	XX	XX					X	X		X	X		X	XX	X	X	XX	X	X	XXXXXX	X	X	X	X	X	X	X	X	
WLVO		X																																
WLZ	XX	X			X	X	X	X	X			X	X	XXX	X	XXX					X	X	X	X	X	XX	X	XXX	XXX				XX	
WME	X					X	X																											
WMOK	X	X	X	XX	XX	X	X	X	X	XX		XXX	X	X	X	XXX																	XX	X
WMO	X	X	X	XXXXXXXX	X	XX	XX	XXX	XX	X	XXX	XXXXX	XXXXXXXX	XXX	XXXXXX	XXXXX	XXXXX	XXXXX	XXXX	X	XXXX	X	X	XXXX	X	XXXXXXXXXXXXXXXXXXXX								
WRA	XXXXXXXXXXXXXXXXXXXX							X		XX			X	X	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
WRH		X	X		X	X	X	X	XXX	X	XXX	XX	X																					
WSI	XX	X					X	X				X	XX																					
WTS	XXX			X	X	XX	X	X	XXX	XXX		XXX		X	X			XXXXXX		XX	X	XX	XX	X	XX	XX	X	XXXX	XX	X	X	X	XXXX	
WTTA	XXXX	X	X	XX	X	XXX	XX	XXX	XX	X	XXXXXX	X	XX	X	XX		X	XX		XX	X	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXXXX	XXXX	XXXX	
WTV																																		
WWKK	XX	XX	X	X	X	XX	XX					XXXXXX	X	X	XX	XX		X	XXX	X	XXXXXXXXXX	XXXXX	XXXX	X	X	X	XX	XXXX						
XAN	X	X	XXXXXXXXXXXXXXXXXXXX	XXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
XLV	X	X	X	X		X																												
YAH	X	X	X	X			XX	XXX	X	XX		XX	X																					
YAK	X	X	XX	XXXXXXXXXXXXXXXXXXXX	XXX	XX	XXXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
YAMJ	X	X		XXX	XXX	XX	XX	X	X	XX		X	XXXXX	X	X	X		XXXX	XX	XX	XXX	X	X	X	X	XXXX	XX	X	X	XXXX	XX	XXXX		
YER	XX			X	X	XXXX		X										XXX	XX	XXXX	XX	XXX	XXX	X	XXX									
YJA	XXXXX		XXXXX		XXXX	XXXXX	XXX					XXXXX	XXX	XX				XXXXXX	XXXXXXXXXXXX	XXXX	XXX	X	X	X										
YKA	XXXXX	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	
YLV	XX	XXXXXX	XXX	X	XX	XXXXXXXXXXXXXXXXXXXX	XX	XXX	X	XX								X	XX	XXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
YONJ	X	X		XX	X	X		XX				XXX	XXX	XX				X	XX		X	X				X	X	X						
YRH				X	X	X																												
YSS	X	X	X	X	XX	X	XX	XX		X	XXXX	XX	X				XXXX	XXXX	XX	XX	X	X	X	X	XXX	XXXX	X	XX	XX	X	XX	XX	X	X
YYYY	X	X	X	X	XXX	X	XXXX	X	XXX	XXX	XXX	XXXX	XXXXXX	XX	X		XXXXXX	XXXXXX	XX	XXXX														

The following stations each reported less than 10 readings:

[illegible]